MEASUREMENT REPORT
FCC PART 15.407 WLAN 802.11a/n/ac

FCC ID:	TK4WLE900VX
APPLICANT:	Compex Systems Pte Ltd
Application Type:	Certification
Product:	802.11ac Dual Band Module
Model No.:	WLE900VX
Brand Name:	COMPEX
FCC Classification:	Unlicensed National Information Infrastructure (UNII)
FCC Rule Part(s):	Part 15.407
Test Procedure(s):	ANSI C63.10-2013, KDB 789033 D02v01, KDB 662911 D01v02r01, KDB 644545 D03v01
Test Date:	Mar. 16 ~ May. 18, 2015

Reviewed By : Robin Wu
(Robin Wu)

Approved By : Marlin Chen
(Marlin Chen)

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

Revision History

Report No.	Version	Description	Issue Date
1503RSU03002	Rev. 01	Draft report	05-18-2015

CONTENTS

Description Page

§2.1033 General Information

Applicant:	Compex Systems Pte Ltd
Applicant Address:	135, Joo Seng Road, #08-01 Singapore 368363
Manufacturer:	Compex Systems Pte Ltd
Manufacturer Address:	135, Joo Seng Road, #08-01 Singapore 368363
Test Site:	MRT Technology (Suzhou) Co., Ltd
Test Site Address:	D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
MRT FCC Registration No.:	809388
FCC Rule Part(s):	Part 15.407
Model No.:	WLE900VX
FCC ID:	TK4WLE900VX
Test Device Serial No.:	N/A ☐ Production ☒ Pre-Production ☐ Engineering
FCC Classification:	Unlicensed National Information Infrastructure (UNII)

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Tian'edang Rd., Suzhou, China.

- **MRT facility is a FCC registered (MRT Reg. No. 809388) test facility with the site description report on file and has met all the requirements specified in Section 2.948 of the FCC Rules.**
- **MRT facility is an IC registered (MRT Reg. No. 11384A-1) test laboratory with the site description on file at Industry Canada.**
- **MRT facility is a VCCI registered (R-4179, G-814, C-4664, T-2206) test laboratory with the site description on file at VCCI Council.**
- **MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA) under the American Association for Laboratory Accreditation Program (A2LA Cert. No. 3628.01) in EMC, Telecommunications and Radio testing for FCC, Industry Canada, EU and TELEC Rules.**

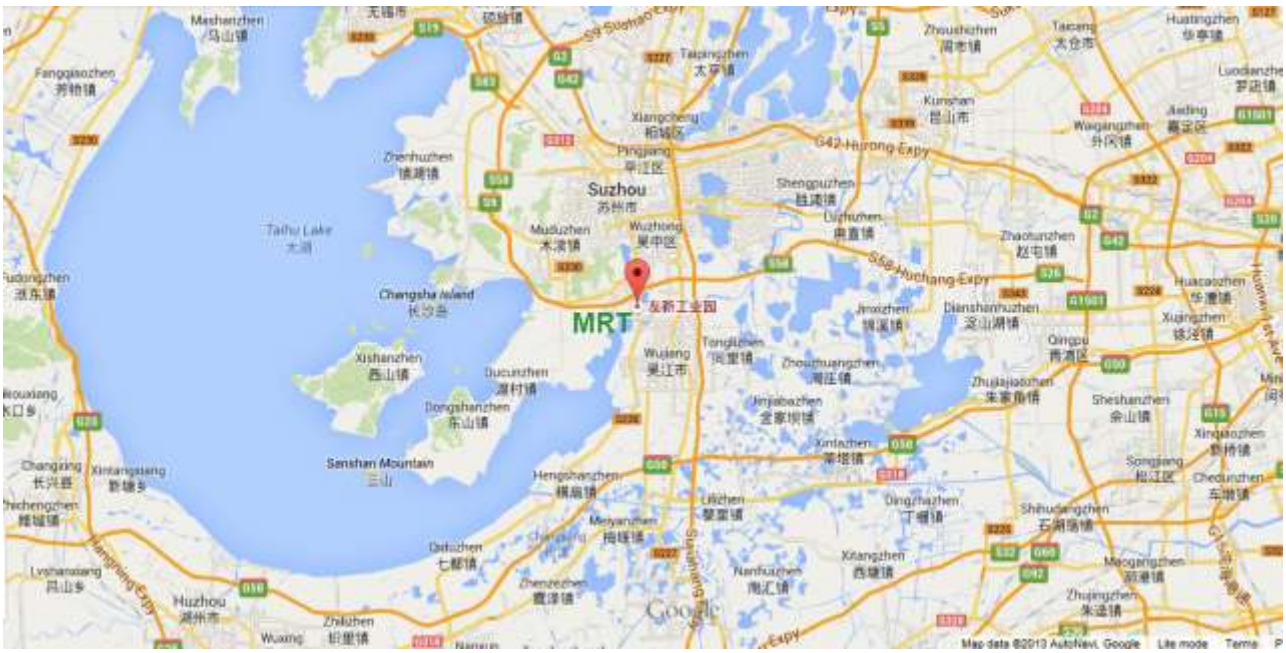
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taihu Lake. These measurement tests were conducted at the MRT Technology (Suzhou) Co., Ltd. Facility located at D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4-2009 on September 30, 2013.



2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	802.11ac Dual Band Module
Model No.	WLE900VX
Power Type	POE input
Frequency Range	For 802.11a/n-HT20: 5180~5320MHz, 5500~5700MHz, 5745~5825MHz For 802.11ac-VHT20: 5180~5320MHz, 5500~5720MHz, 5745~5825MHz For 802.11n-HT40: 5190~5310MHz, 5510~5670MHz, 5755~5795MHz For 802.11ac-VHT40: 5190~5310MHz, 5510~5710MHz, 5755~5795MHz For 802.11ac-VHT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5690MHz, 5775MHz
Maximum Output Power	802.11a: 21.92dBm 802.11n-HT20: 25.96dBm 802.11n-HT40: 24.07dBm 802.11ac-VHT20: 24.97dBm 802.11ac-VHT40: 23.98dBm 802.11ac-VHT80: 22.64dBm
Type of Modulation	802.11a/n/ac: OFDM

2.2. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.407
- FCC KDB Publication No. 789033 D02 UNII Test Procedures v01
- ANSI C63.10-2013

Note:

1. All the test items were verified and recorded according to the standards and without any deviation during the test.
2. FCC permits the use of the 1.5 meter table as an alternative in ANSI C63.10-2013 through inquiry tracking number 198796.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B recorded in a separate report.

2.3. Operation Frequency / Channel list

802.11a/n-HT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	149	5745 MHz	153	5765 MHz
157	5785 MHz	161	5805 MHz	165	5825 MHz

802.11ac-VHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	144	5720 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	--	--	--	--

802.11n-HT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550 MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
151	5755 MHz	159	5795 MHz	--	--

802.11ac-VHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550 MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
142	5710 MHz	151	5755 MHz	159	5795 MHz

802.11ac-VHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz
122	5610 MHz	138	5690 MHz	155	5775 MHz

2.4. Description of Available Antennas

Antenna Type	Manufacturer	Tx Paths	Max Directional Gain (dBi)
Panel Antenna 1#	Compex Systems Pte Ltd	3	2.4GHz: 11.0
Panel Antenna 2#	Kenbotong Communication LTD	3	2.4GHz: 10.0 5GHz: 10.0
Panel Antenna 3#	Smart Ant Inc	3	2.4GHz: 7.0 5GHz: 7.0
Panel Antenna 4#	TAOGLAS Inc	3	2.4GHz: 4.5 5GHz: 6.7
Panel Antenna 5#	Compex Systems Pte Ltd	3	2.4GHz: 5.0 5GHz: 5.0
Panel Antenna 6#	Compex Systems Pte Ltd	3	2.4GHz: 5.0 5GHz: 5.0
Dipole Antenna 1#	Kunshan Wavelink Electronic Co., Ltd.	3	2.4GHz: 2.0 5GHz: 2.0

Note 1: The device didn't support transmit beam-forming mode and Cyclic Delay Diversity (CDD) mode, and the transmit signals are uncorrected, so no add array gain to the band power and band PSD.

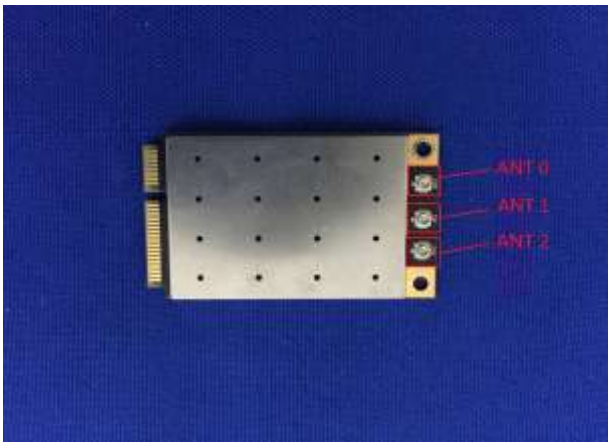
Note 2: 5.15~5.25GHz and 5.725~5.850GHz bands use the max antenna gain 10dBi, 5.25~5.35GHz and 5.470~5.725GHz bands use the max antenna gain 7dBi which are declared by the applicant.

Note 3: We selected the panel antenna 2# & 3# and dipole antenna 1# for all radiated emission testing.

2.5. Description of Antenna RF Port

--	2.4/5GHz Antenna RF Port		
	2.4/5GHz	2.4/5GHz	2.4/5GHz
Software Control Port	Ant 0	Ant 1	Ant 2

Antenna RF Port Plot



2.6. Test Mode

Test Mode	Mode 1: Transmit by 802.11a
	Mode 2: Transmit by 802.11n-HT20
	Mode 3: Transmit by 802.11n-HT40
	Mode 4: Transmit by 802.11ac-VHT20
	Mode 5: Transmit by 802.11ac-VHT40
	Mode 6: Transmit by 802.11ac-VHT80

2.7. Test Software

The test utility software used during testing were “ART2-GUI Version: 2.3” and “CART Version: 4.9”.

Final Power Parameter Value of the test software.

Test Mode	Test Frequency	Power Parameter Value				
		Ant 0	Ant 1	Ant 2	Ant 0 + 1	Ant 0 + 1 + 2
Dipole Antenna 1#						
802.11a	5180	18.0	18.0	20.0	Not Support	Not Support
	5220	20.0	20.0	20.0		
	5240	20.0	20.0	20.0		
	5260	20.0	20.0	20.0		
	5300	20.0	20.0	20.0		
	5320	18.5	18.5	20.0		
	5500	20.0	20.0	20.0		
	5600	20.0	20.0	20.0		
	5700	19.0	20.0	20.0		
	5745	16.5	20.0	20.0		
	5785	20.0	20.0	20.0		
	5825	20.0	20.0	20.0		
802.11n-HT20	5180	18.0	17.5	20.0	17.5	14.5
	5220	20.0	20.0	20.0	20.0	19.0
	5240	20.0	20.0	20.0	20.0	20.0
	5260	20.0	20.0	20.0	18.5	17.0
	5300	20.0	20.0	20.0	18.5	17.0
	5320	18.5	18.5	20.0	18.5	17.0
	5500	20.0	20.0	20.0	19.0	17.0
	5600	20.0	20.0	20.0	20.0	16.5
	5700	18.0	20.0	20.0	18.5	17.0
	5745	16.5	17.5	19.0	18.5	18.0
	5785	20.0	20.0	20.0	20.0	20.0
	5825	19.5	20.0	20.0	20.0	20.0
802.11n-HT40	5190	15.5	16.5	16.0	15.0	12.0
	5230	20.0	20.0	20.0	18.0	15.0
	5270	20.0	20.0	20.0	20.0	19.0
	5310	15.5	16.5	16.5	14.5	12.5
	5510	19.5	20.0	20.0	18.0	16.0
	5590	20.0	20.0	20.0	20.0	20.0

	5670	20.0	20.0	20.0	20.0	20.0
	5755	16.5	18.0	17.5	16.0	14.5
	5795	20.0	20.0	20.0	20.0	20.0
802.11ac-VHT20	5180	18.0	18.5	20.0	17.0	14.5
	5220	20.0	20.0	20.0	20.0	18.0
	5240	20.0	20.0	20.0	20.0	20.0
	5260	20.0	20.0	20.0	19.0	16.0
	5300	20.0	20.0	20.0	20.0	18.0
	5320	18.5	18.5	20.0	17.0	15.5
	5500	20.0	20.0	20.0	18.0	17.0
	5600	20.0	20.0	20.0	20.0	18.0
	5700	18.0	20.0	20.0	17.0	16.5
	5720	20.0	20.0	20.0	20.0	16.5
	5745	16.5	17.5	18.5	18.0	16.5
	5785	20.0	20.0	20.0	20.0	20.0
	5825	19.5	20.0	20.0	20.0	19.5
802.11ac-VHT40	5190	15.0	16.0	16.0	14.0	12.0
	5230	20.0	20.0	20.0	18.0	16.0
	5270	20.0	20.0	20.0	20.0	19.0
	5310	15.0	16.0	16.5	14.0	12.5
	5510	20.0	19.5	20.0	17.0	16.0
	5590	20.0	20.0	20.0	20.0	19.0
	5670	20.0	20.0	20.0	20.0	19.0
	5710	20.0	20.0	20.0	20.0	19.0
	5755	16.5	17.5	17.5	16.0	14.0
	5795	20.0	20.0	20.0	20.0	19.0
802.11ac-VHT80	5210	15.0	15.0	14.0	13.5	12.0
	5290	15.0	15.5	15.5	13.5	11.0
	5530	15.5	15.0	14.5	18.0	12.5
	5610	20.0	20.0	20.0	20.0	19.0
	5690	20.0	20.0	20.0	20.0	11.0
	5775	14.0	18.0	18.0	12.0	14.5

Test Mode	Test Frequency	Power Parameter Value				
		Ant 0	Ant 1	Ant 2	Ant 0 + 1	Ant 0 + 1 + 2
Panel Antenna 2# & 3#						
802.11a	5180	18.0	18.5	17.5	Not Support	Not Support
	5220	20.0	20.0	20.0		
	5240	20.0	20.0	20.0		
	5260	20.0	20.0	20.0		
	5300	20.0	20.0	20.0		
	5320	18.5	17.5	17.0		
	5500	20.0	20.0	20.0		
	5600	20.0	20.0	20.0		
	5700	16.5	16.5	18.5		
	5745	15.5	14.5	16.5		
	5785	19.0	20.0	20.0		
	5825	18.5	19.5	20.0		
802.11n-HT20	5180	18.0	18.0	16.5	15.5	13.0
	5220	20.0	20.0	20.0	18.0	17.0
	5240	20.0	20.0	20.0	20.0	20.0
	5260	20.0	20.0	20.0	18.0	16.0
	5300	20.0	20.0	20.0	18.0	16.0
	5320	17.0	17.5	16.5	16.0	14.0
	5500	17.0	20.0	20.0	20.0	14.0
	5600	20.0	20.0	20.0	19.0	16.0
	5700	16.5	15.5	16.5	14.5	13.5
	5745	16.0	14.5	16.5	15.0	13.0
	5785	20.0	20.0	20.0	14.0	12.0
	5825	19.0	17.5	20.0	18.5	19.0
802.11n-HT40	5190	14.0	14.5	12.5	13.5	11.0
	5230	20.0	20.0	20.0	17.0	14.0
	5270	20.0	20.0	20.0	14.0	17.0
	5310	14.5	14.0	13.5	13.0	10.5
	5510	15.5	17.0	18.5	12.0	12.0
	5590	20.0	20.0	20.0	20.0	20.0
	5670	20.0	18.5	20.0	18.0	19.5
	5755	16.0	14.0	15.5	14.0	12.5
	5795	20.0	19.0	20.0	19.0	17.0
802.11ac-	5180	18.0	18.0	17.0	16.5	14.0

VHT20	5220	19.5	19.5	19.0	20.0	18.0
	5240	20.0	20.0	20.0	20.0	20.0
	5260	20.0	20.0	20.0	19.0	16.0
	5300	20.0	20.0	20.0	20.0	18.0
	5320	18.0	17.5	16.5	16.5	13.5
	5500	20.0	20.0	20.0	17.0	17.0
	5600	20.0	20.0	20.0	20.0	18.0
	5700	17.0	18.0	16.5	14.5	12.5
	5720	20.0	20.0	20.0	20.0	16.0
	5745	16.0	17.0	17.0	14.5	12.0
	5785	20.0	20.0	20.0	14.5	18.0
	5825	19.0	18.5	20.0	18.5	18.0
802.11ac-VHT40	5190	14.0	14.5	12.0	13.5	10.5
	5230	18.0	19.0	17.0	17.0	16.0
	5270	20.0	20.0	20.0	20.0	18.0
	5310	14.0	14.0	13.0	13.0	10.5
	5510	15.5	18.5	18.5	12.5	14.5
	5590	20.0	20.0	20.0	20.0	19.0
	5670	20.0	19.5	20.0	18.5	16.0
	5710	20.0	20.0	20.0	20.0	19.0
	5755	15.5	15.0	16.0	14.0	12.0
	5795	20.0	20.0	20.0	19.0	19.0
802.11ac-VHT80	5210	13.0	14.0	11.0	12.0	9.5
	5290	13.0	13.5	12.0	11.0	10.0
	5530	13.0	14.5	15.5	12.0	11.5
	5610	20.0	20.0	20.0	19.0	18.0
	5690	20.0	20.0	20.0	19.0	10.0
	5775	12.5	13.0	12.5	9.5	8.5

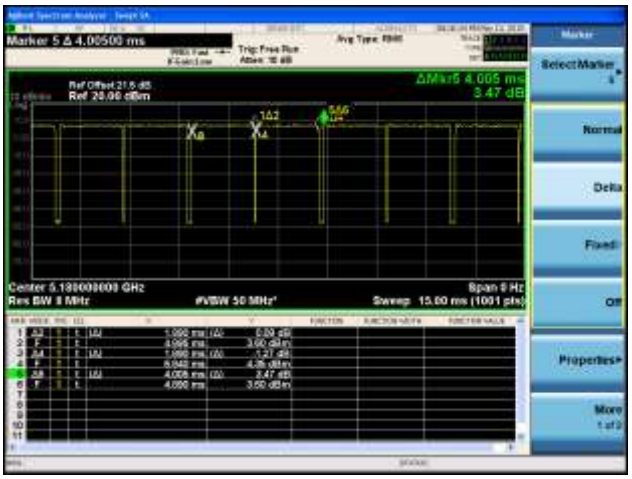
2.8. Device Capabilities

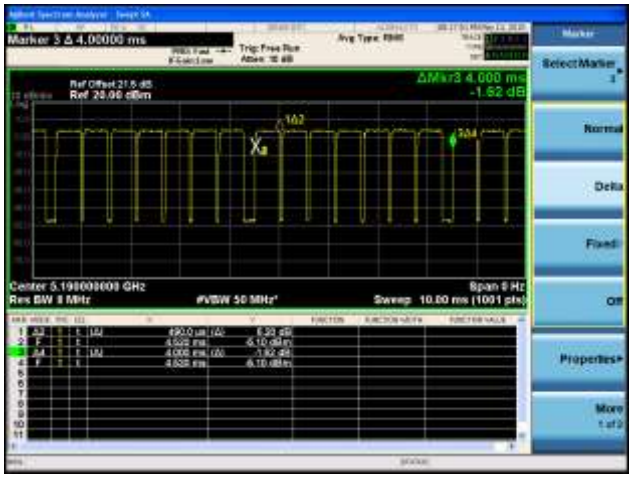
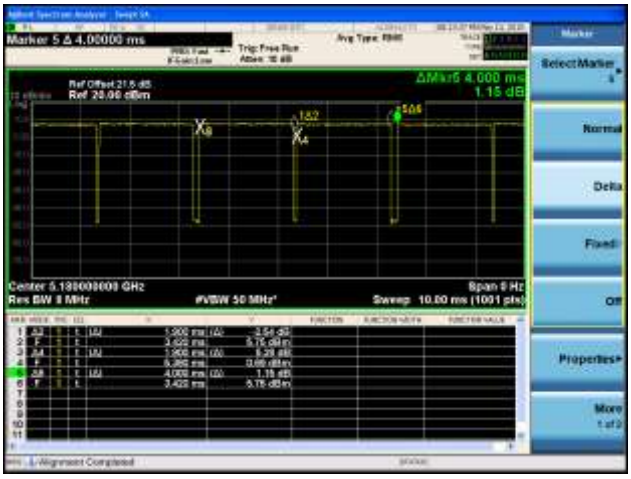
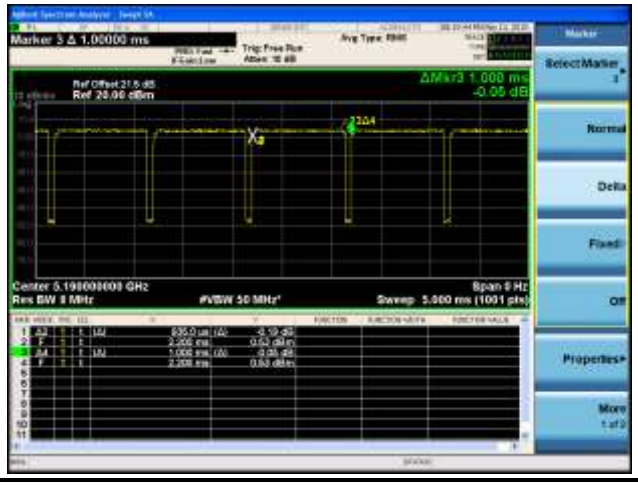
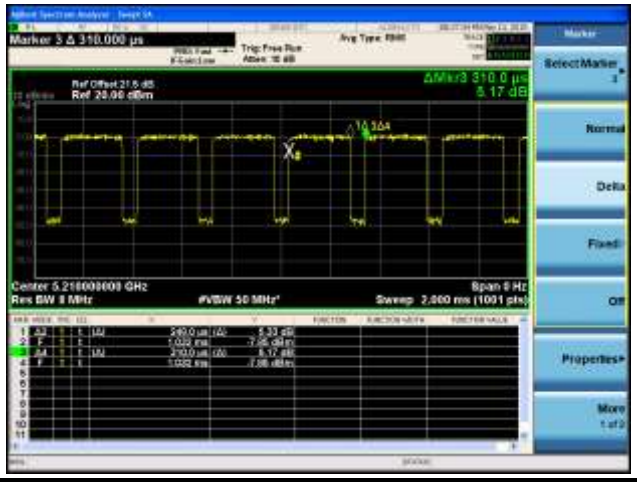
This device contains the following capabilities:

2.4GHz WLAN (DTS) and 5GHz WLAN (UNII).

Note: 5GHz (NII) operation is possible in 20MHz, 40MHz and 80MHz channel bandwidths. The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz, and detector = peak per the guidance of Section B)2)b) of KDB 789033 D02v01. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Test Mode	Duty Cycle
802.11a	96.9%
802.11n-HT20	94.4%
802.11n-HT40	85.8%
802.11ac-VHT20	95.0%
802.11ac-VHT40	93.5%
802.11ac-VHT80	80.0%

802.11a – Duty Cycle	802.11n-HT20 – Duty Cycle
	

802.11n-HT40 – Duty Cycle	802.11ac-VHT20 – Duty Cycle
	
802.11ac-VHT40 – Duty Cycle	802.11ac-VHT80 – Duty Cycle
	

2.9. Test Configuration

The **802.11ac Dual Band Module FCC ID: TK4WLE900VX** was tested per the guidance of KDB 789033 D02v01. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

2.10. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.11. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the trade name and FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

3. DESCRIPTION OF TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance provided in KDB 789033 D02v01 were used in the measurement of the **802.11ac Dual Band Module FCC ID: TK4WLE900VX.**

Deviation from measurement procedure…….....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or data exchange speed, or support equipment whichever determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2013.

Line conducted emissions test results are shown in Section 7.10.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. A MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-40GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions. According to 3dB Beam-Width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

- The antenna of the **802.11ac Dual Band Module** uses a unique connector.

Conclusion:

The **802.11ac Dual Band Module FCC ID: TK4WLE900VX** unit complies with the requirement of §15.203.

5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2015/11/07
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2015/11/07
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2015/11/07
Temperature/ Meter Humidity	Anymetre	TH101B	MRTSUE06045	1 year	2015/11/14

Radiated Emission

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Spectrum Analyzer	Agilent	E4447A	MRTSUE06028	1 year	2015/10/09
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2015/11/07
Preamplifier	MRT	AP18G40	MRTSUE06020	1 year	2015/10/06
Preamplifier	MRT	AP01G18	MRTSUE06019	1 year	2015/12/13
Loop Antenna	Schwarzbeck	FMZB1519	MRTSUE06025	1 year	2015/11/08
TRILOG Antenna	Schwarzbeck	VULB9162	MRTSUE06022	1 year	2015/11/08
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	MRTSUE06023	1 year	2015/11/08
Broadband Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06024	1 year	2016/01/05
Temperature/Humidity Meter	Anymetre	TH101B	MRTSUE06048	1 year	2015/11/14

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Spectrum Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2016/04/23
USB Wideband Power Sensor	Boonton	55006	MRTSUE06109	1 year	2015/10/15
Temperature/Humidity Meter	Anymetre	TH101B	MRTSUE06046	1 year	2015/11/14

6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 150kHz~30MHz: 3.46dB
Radiated Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz ~ 1GHz: 4.18dB 1GHz ~ 40GHz: 4.76dB

7. TEST RESULT

7.1. Summary

Company Name: **Compex Systems Pte Ltd**

FCC ID: **TK4WLE900VX**

FCC Classification: **Unlicensed National Information Infrastructure (UNII)**

Data Rate(s) Tested: **6Mbps ~ 54Mbps (a);**
6.5/7.2Mbps ~ 195/216.7Mbps (n-HT20MHz BW);
13.5/15Mbps ~ 405/450Mbps (n-HT40MHz BW);
6.5/7.2Mbps ~ 234/260.1Mbps (ac-VHT20MHz BW);
13.5/15Mbps ~ 540/600Mbps (ac-VHT40MHz BW);
29.3/32.5Mbps ~ 1170/1299.9Mbps (ac-VHT80MHz BW)

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.407(a)	26dB Bandwidth	N/A	Conducted	Pass	Section 7.2
15.407(e)	6dB Bandwidth	≥ 500kHz		Pass	Section 7.3
15.407(a)(1)(ii), (2), (3)	Maximum Conducted Output Power	≤ 30 dBm U-NII-1 ≤ 24 dBm U-NII-2A ≤ 24 dBm U-NII-2C ≤ 30 dBm U-NII-3		Pass	Section 7.4
15.407(h)(1)	Transmit Power Control	≤ 24 dBm		Pass	Section 7.5
15.407(a)(1)(ii), (2), (3), (5)	Peak Power Spectral Density	≤ 17 dBm/MHz U-NII-1 ≤ 11 dBm/MHz U-NII-2A ≤ 11 dBm/MHz U-NII-2C ≤ 30 dBm/500kHz U-NII-3		Pass	Section 7.6
15.407(g)	Frequency Stability	N/A		Pass	Section 7.7
15.407(b)(1), (2), (3), (4)	Undesirable Emissions	≤ -27dBm/MHz EIRP ≤ -17dBm/MHz EIRP	Radiated	Pass	Section 7.8 & 7.9
15.205, 15.209 15.407(b)(5), (6), (7)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209		Pass	
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.10

Notes:

1) All channels, modes, and modulations/data rates were investigated among all UNII bands. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst case emissions.
2) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.

7.2. 26dB Bandwidth Measurement

7.2.1. Test Limit

N/A

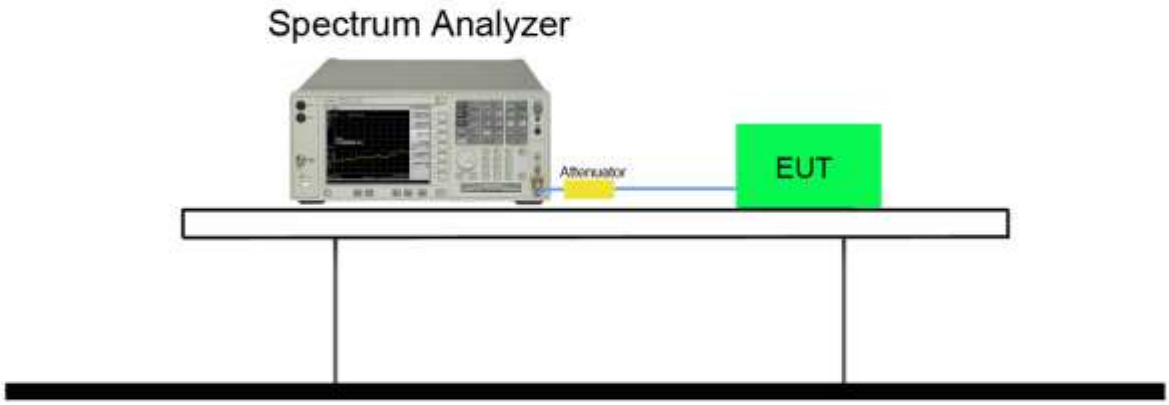
7.2.2. Test Procedure used

KDB 789033 D02v01 – Section C.1

7.2.3. Test Setting

1. The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 26. The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediated power nulls in the fundamental emission.
2. RBW = approximately 1% of the emission bandwidth.
3. VBW ≥ 3 × RBW.
4. Detector = Peak.
5. Trace mode = max hold.

7.2.4. Test Setup



7.2.5. Test Result

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Result
Ant 0						
802.11a	6	36	5180	23.79	16.69	Pass
802.11a	6	44	5220	24.12	16.69	Pass
802.11a	6	48	5240	23.72	16.71	Pass
802.11a	6	52	5260	23.99	16.72	Pass
802.11a	6	60	5300	24.58	16.72	Pass
802.11a	6	64	5320	24.65	16.72	Pass
802.11a	6	100	5500	24.83	16.73	Pass
802.11a	6	120	5600	22.91	16.67	Pass
802.11a	6	140	5700	23.17	16.70	Pass
802.11a	6	149	5745	22.66	16.67	Pass
802.11a	6	157	5785	22.92	16.68	Pass
802.11a	6	165	5825	22.89	16.70	Pass
802.11n-HT20	13	36	5180	24.05	17.83	Pass
802.11n-HT20	13	44	5220	23.82	17.82	Pass
802.11n-HT20	13	48	5240	23.68	17.83	Pass
802.11n-HT20	13	52	5260	23.63	17.84	Pass
802.11n-HT20	13	60	5300	23.89	17.84	Pass
802.11n-HT20	13	64	5320	24.69	17.85	Pass
802.11n-HT20	13	100	5500	24.13	17.89	Pass
802.11n-HT20	13	120	5600	23.04	17.77	Pass
802.11n-HT20	13	140	5700	22.76	17.78	Pass
802.11n-HT20	13	149	5745	23.55	17.80	Pass
802.11n-HT20	13	157	5785	24.12	17.80	Pass
802.11n-HT20	13	165	5825	23.49	17.83	Pass
802.11n-HT40	27	38	5190	48.29	36.54	Pass
802.11n-HT40	27	46	5230	51.86	36.54	Pass
802.11n-HT40	27	54	5270	48.69	36.54	Pass
802.11n-HT40	27	62	5310	48.78	36.45	Pass
802.11n-HT40	27	102	5510	48.44	36.47	Pass
802.11n-HT40	27	118	5590	44.96	36.43	Pass
802.11n-HT40	27	134	5670	45.31	36.42	Pass
802.11n-HT40	27	151	5755	45.25	36.43	Pass

802.11n-HT40	27	159	5795	45.11	36.44	Pass
802.11ac-VHT20	13	36	5180	23.49	17.84	Pass
802.11ac-VHT20	13	44	5220	24.13	17.83	Pass
802.11ac-VHT20	13	48	5240	23.75	17.85	Pass
802.11ac-VHT20	13	52	5260	23.62	17.85	Pass
802.11ac-VHT20	13	60	5300	24.68	17.88	Pass
802.11ac-VHT20	13	64	5320	24.18	17.87	Pass
802.11ac-VHT20	13	100	5500	25.71	17.88	Pass
802.11ac-VHT20	13	120	5600	22.73	17.77	Pass
802.11ac-VHT20	13	140	5700	22.73	17.80	Pass
802.11ac-VHT20	13	144	5720	24.00	17.84	Pass
802.11ac-VHT20	13	149	5745	23.49	17.82	Pass
802.11ac-VHT20	13	157	5785	23.20	17.80	Pass
802.11ac-VHT20	13	165	5825	23.08	17.84	Pass
802.11ac-VHT40	27	38	5190	49.42	36.54	Pass
802.11ac-VHT40	27	46	5230	47.08	36.54	Pass
802.11ac-VHT40	27	54	5270	46.49	36.59	Pass
802.11ac-VHT40	27	62	5310	47.27	36.54	Pass
802.11ac-VHT40	27	102	5510	46.62	36.52	Pass
802.11ac-VHT40	27	118	5590	45.09	36.47	Pass
802.11ac-VHT40	27	134	5670	45.12	36.41	Pass
802.11ac-VHT40	27	142	5710	45.40	36.40	Pass
802.11ac-VHT40	27	151	5755	44.87	36.45	Pass
802.11ac-VHT40	27	159	5795	44.90	36.48	Pass
802.11ac-VHT80	58.6	42	5210	93.12	76.00	Pass
802.11ac-VHT80	58.6	58	5290	93.61	76.02	Pass
802.11ac-VHT80	58.6	106	5530	90.45	75.68	Pass
802.11ac-VHT80	58.6	122	5610	91.22	75.93	Pass
802.11ac-VHT80	58.6	138	5690	86.96	75.86	Pass
802.11ac-VHT80	58.6	155	5775	91.43	75.81	Pass

Ant 1						
802.11a	6	36	5180	24.09	16.75	Pass
802.11a	6	44	5220	24.57	16.75	Pass
802.11a	6	48	5240	24.48	16.72	Pass
802.11a	6	52	5260	24.54	16.74	Pass
802.11a	6	60	5300	23.85	16.71	Pass
802.11a	6	64	5320	24.04	16.75	Pass
802.11a	6	100	5500	23.46	16.72	Pass
802.11a	6	120	5600	23.54	16.69	Pass
802.11a	6	140	5700	22.60	16.64	Pass
802.11a	6	149	5745	23.07	16.68	Pass
802.11a	6	157	5785	23.51	16.72	Pass
802.11a	6	165	5825	23.03	16.72	Pass
802.11n-HT20	13	36	5180	24.42	17.85	Pass
802.11n-HT20	13	44	5220	24.42	17.89	Pass
802.11n-HT20	13	48	5240	24.65	17.82	Pass
802.11n-HT20	13	52	5260	24.83	17.90	Pass
802.11n-HT20	13	60	5300	24.61	17.88	Pass
802.11n-HT20	13	64	5320	24.78	17.87	Pass
802.11n-HT20	13	100	5500	23.85	17.86	Pass
802.11n-HT20	13	120	5600	22.86	17.81	Pass
802.11n-HT20	13	140	5700	23.09	17.81	Pass
802.11n-HT20	13	149	5745	23.74	17.80	Pass
802.11n-HT20	13	157	5785	23.67	17.84	Pass
802.11n-HT20	13	165	5825	24.27	17.84	Pass
802.11n-HT40	27	38	5190	47.81	36.51	Pass
802.11n-HT40	27	46	5230	48.52	36.46	Pass
802.11n-HT40	27	54	5270	48.71	36.44	Pass
802.11n-HT40	27	62	5310	48.79	36.44	Pass
802.11n-HT40	27	102	5510	45.94	36.43	Pass
802.11n-HT40	27	118	5590	44.27	36.45	Pass
802.11n-HT40	27	134	5670	44.85	36.39	Pass
802.11n-HT40	27	151	5755	44.15	36.42	Pass
802.11n-HT40	27	159	5795	44.76	36.42	Pass
802.11ac-VHT20	13	36	5180	24.72	17.85	Pass
802.11ac-VHT20	13	44	5220	24.38	17.85	Pass

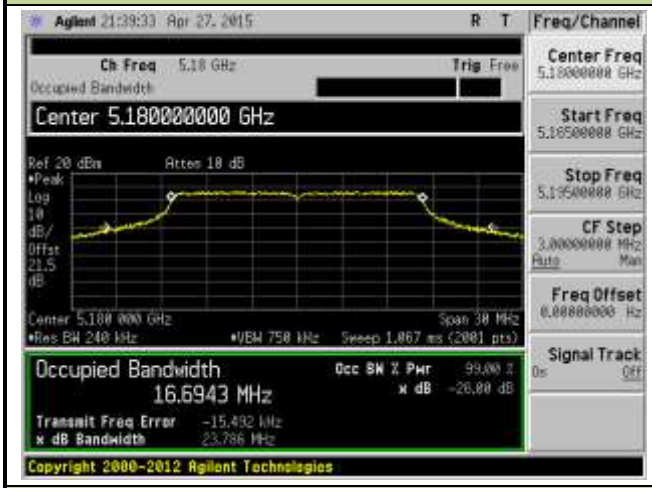
802.11ac-VHT20	13	48	5240	24.23	17.87	Pass
802.11ac-VHT20	13	52	5260	24.54	17.87	Pass
802.11ac-VHT20	13	60	5300	24.55	17.88	Pass
802.11ac-VHT20	13	64	5320	25.16	17.89	Pass
802.11ac-VHT20	13	100	5500	24.10	17.83	Pass
802.11ac-VHT20	13	120	5600	22.78	17.83	Pass
802.11ac-VHT20	13	140	5700	23.44	17.82	Pass
802.11ac-VHT20	13	144	5720	25.36	17.85	Pass
802.11ac-VHT20	13	149	5745	23.53	17.83	Pass
802.11ac-VHT20	13	157	5785	24.47	17.79	Pass
802.11ac-VHT20	13	165	5825	23.40	17.81	Pass
802.11ac-VHT40	27	38	5190	44.88	36.48	Pass
802.11ac-VHT40	27	46	5230	48.10	36.52	Pass
802.11ac-VHT40	27	54	5270	46.39	36.46	Pass
802.11ac-VHT40	27	62	5310	46.92	36.39	Pass
802.11ac-VHT40	27	102	5510	45.09	36.40	Pass
802.11ac-VHT40	27	118	5590	44.06	36.41	Pass
802.11ac-VHT40	27	134	5670	45.12	36.43	Pass
802.11ac-VHT40	27	142	5710	46.32	36.39	Pass
802.11ac-VHT40	27	151	5755	45.40	36.45	Pass
802.11ac-VHT40	27	159	5795	45.63	36.40	Pass
802.11ac-VHT80	58.6	42	5210	94.16	75.98	Pass
802.11ac-VHT80	58.6	58	5290	95.14	76.00	Pass
802.11ac-VHT80	58.6	106	5530	86.28	75.85	Pass
802.11ac-VHT80	58.6	122	5610	91.78	75.83	Pass
802.11ac-VHT80	58.6	138	5690	88.71	75.84	Pass
802.11ac-VHT80	58.6	155	5775	92.69	75.89	Pass

Ant 2						
802.11a	6	36	5180	22.30	16.66	Pass
802.11a	6	44	5220	21.95	16.66	Pass
802.11a	6	48	5240	22.82	16.68	Pass
802.11a	6	52	5260	21.69	16.66	Pass
802.11a	6	60	5300	22.62	16.64	Pass
802.11a	6	64	5320	22.41	16.71	Pass
802.11a	6	100	5500	22.26	16.65	Pass
802.11a	6	120	5600	21.48	16.65	Pass
802.11a	6	140	5700	21.95	16.63	Pass
802.11a	6	149	5745	21.60	16.64	Pass
802.11a	6	157	5785	22.45	16.68	Pass
802.11a	6	165	5825	21.33	16.65	Pass
802.11n-HT20	13	36	5180	22.98	17.80	Pass
802.11n-HT20	13	44	5220	23.60	17.82	Pass
802.11n-HT20	13	48	5240	23.61	17.78	Pass
802.11n-HT20	13	52	5260	23.58	17.78	Pass
802.11n-HT20	13	60	5300	22.79	17.85	Pass
802.11n-HT20	13	64	5320	22.80	17.80	Pass
802.11n-HT20	13	100	5500	22.79	17.80	Pass
802.11n-HT20	13	120	5600	22.65	17.79	Pass
802.11n-HT20	13	140	5700	22.24	17.78	Pass
802.11n-HT20	13	149	5745	22.14	17.80	Pass
802.11n-HT20	13	157	5785	22.86	17.81	Pass
802.11n-HT20	13	165	5825	22.45	17.80	Pass
802.11n-HT40	27	38	5190	45.38	36.50	Pass
802.11n-HT40	27	46	5230	45.59	36.38	Pass
802.11n-HT40	27	54	5270	45.34	36.53	Pass
802.11n-HT40	27	62	5310	45.19	36.48	Pass
802.11n-HT40	27	102	5510	45.41	36.50	Pass
802.11n-HT40	27	118	5590	45.00	36.47	Pass
802.11n-HT40	27	134	5670	44.70	36.40	Pass
802.11n-HT40	27	151	5755	44.38	36.41	Pass
802.11n-HT40	27	159	5795	44.72	36.41	Pass
802.11ac-VHT20	13	36	5180	24.40	17.81	Pass
802.11ac-VHT20	13	44	5220	23.67	17.84	Pass

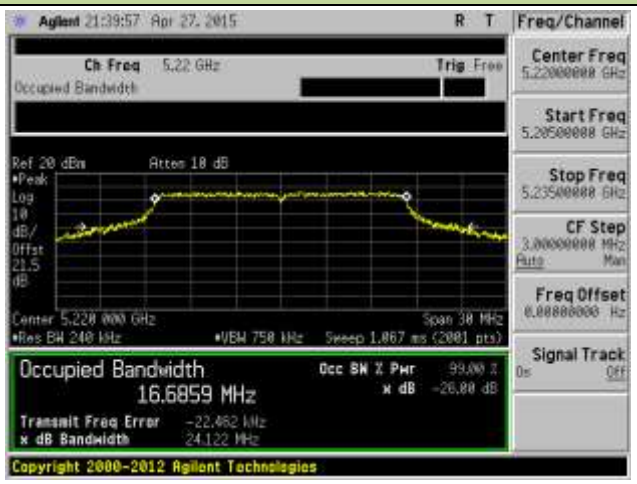
802.11ac-VHT20	13	48	5240	22.77	17.78	Pass
802.11ac-VHT20	13	52	5260	22.85	17.84	Pass
802.11ac-VHT20	13	60	5300	23.06	17.80	Pass
802.11ac-VHT20	13	64	5320	23.07	17.83	Pass
802.11ac-VHT20	13	100	5500	22.49	17.78	Pass
802.11ac-VHT20	13	120	5600	22.92	17.78	Pass
802.11ac-VHT20	13	140	5700	22.99	17.79	Pass
802.11ac-VHT20	13	144	5720	24.93	17.83	Pass
802.11ac-VHT20	13	149	5745	24.58	17.81	Pass
802.11ac-VHT20	13	157	5785	22.97	17.84	Pass
802.11ac-VHT20	13	165	5825	22.83	17.79	Pass
802.11ac-VHT40	27	38	5190	45.47	36.48	Pass
802.11ac-VHT40	27	46	5230	46.15	36.41	Pass
802.11ac-VHT40	27	54	5270	45.73	36.45	Pass
802.11ac-VHT40	27	62	5310	45.31	36.36	Pass
802.11ac-VHT40	27	102	5510	44.65	36.41	Pass
802.11ac-VHT40	27	118	5590	44.62	36.45	Pass
802.11ac-VHT40	27	134	5670	44.79	36.43	Pass
802.11ac-VHT40	27	142	5710	45.44	36.40	Pass
802.11ac-VHT40	27	151	5755	44.90	36.41	Pass
802.11ac-VHT40	27	159	5795	44.63	36.42	Pass
802.11ac-VHT80	58.6	42	5210	93.35	76.01	Pass
802.11ac-VHT80	58.6	58	5290	93.00	76.05	Pass
802.11ac-VHT80	58.6	106	5530	91.33	75.93	Pass
802.11ac-VHT80	58.6	122	5610	92.89	76.02	Pass
802.11ac-VHT80	58.6	138	5690	86.15	75.80	Pass
802.11ac-VHT80	58.6	155	5775	93.70	75.95	Pass

802.11a 26dB Bandwidth & 99% Bandwidth - Ant 0

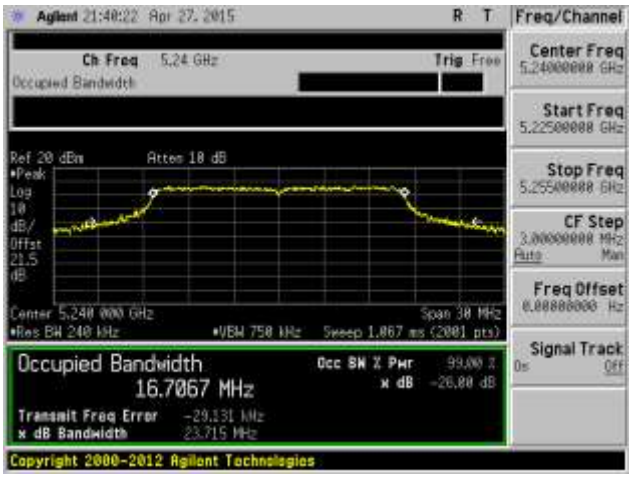
Channel 36 (5180MHz)



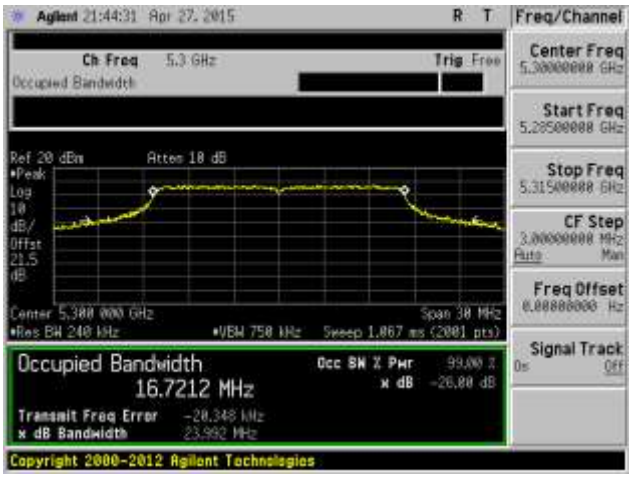
Channel 44 (5220MHz)



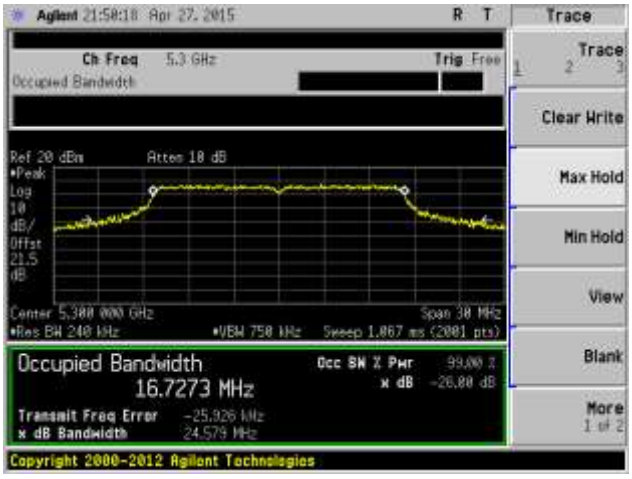
Channel 48 (5240MHz)



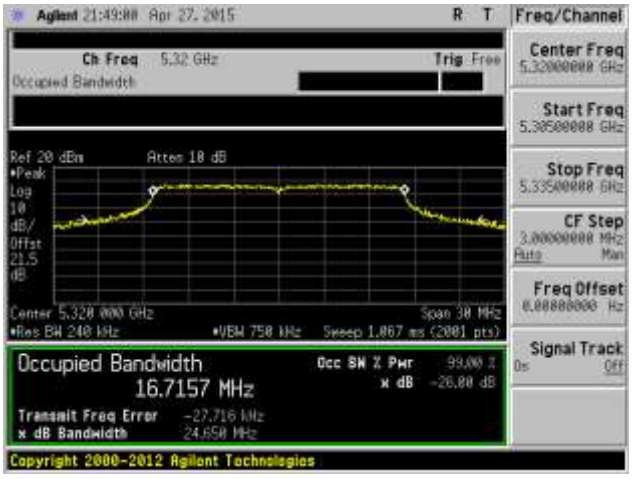
Channel 52 (5260MHz)

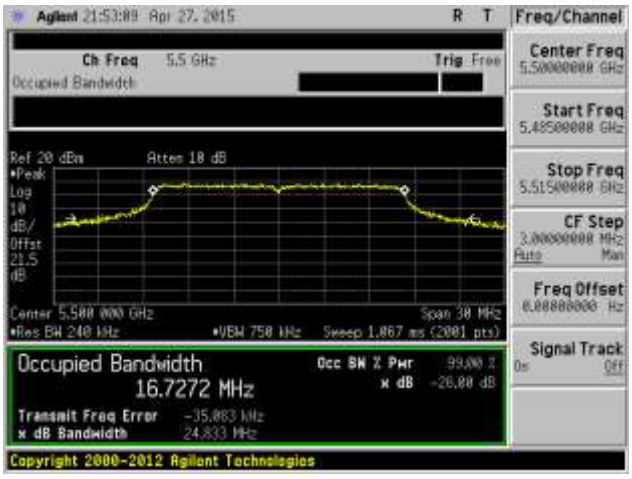
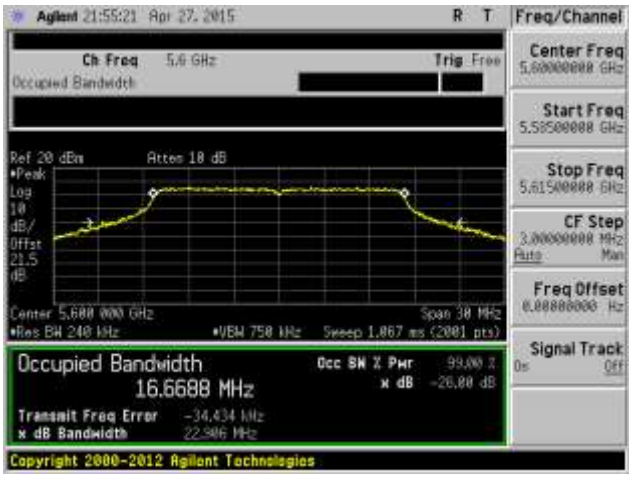
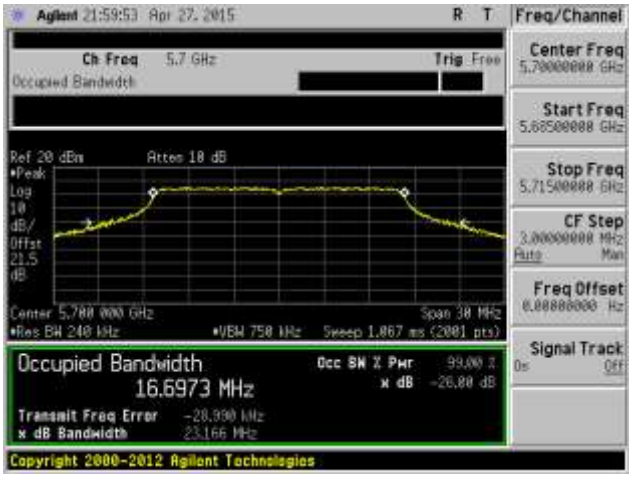
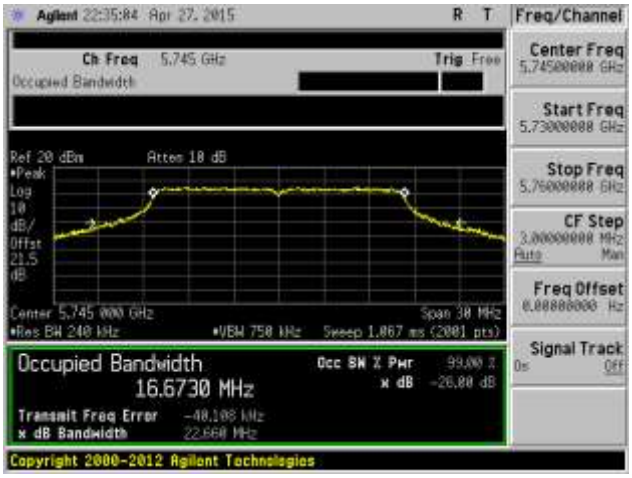
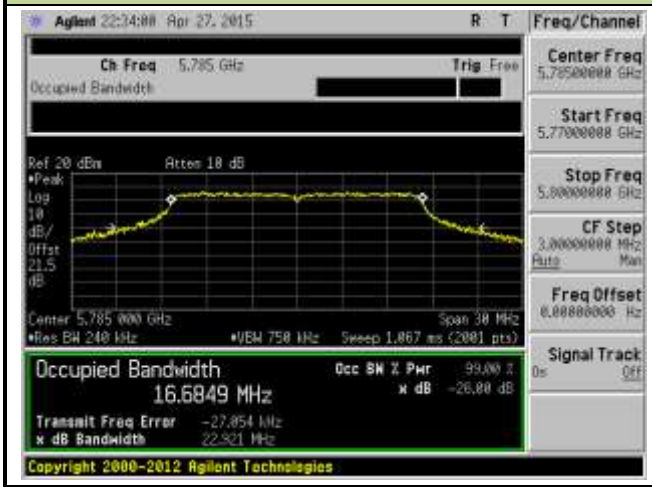
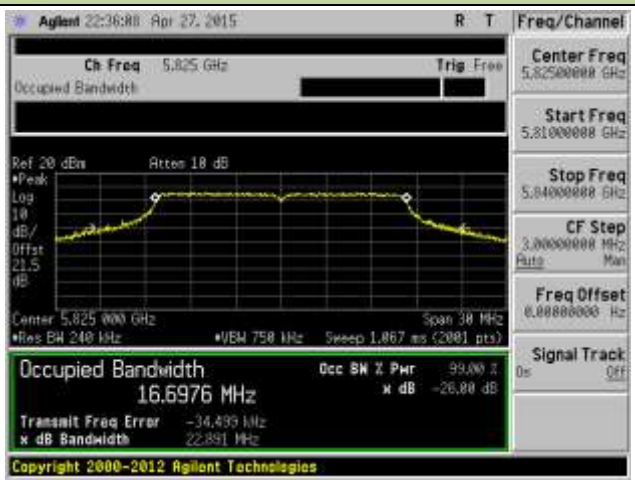


Channel 60 (5300MHz)



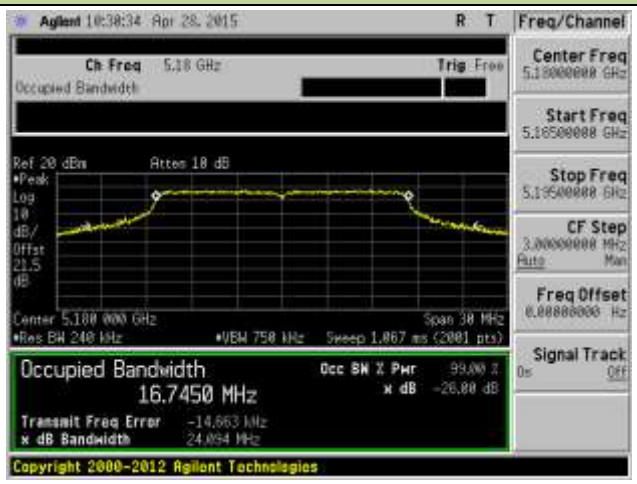
Channel 64 (5320MHz)



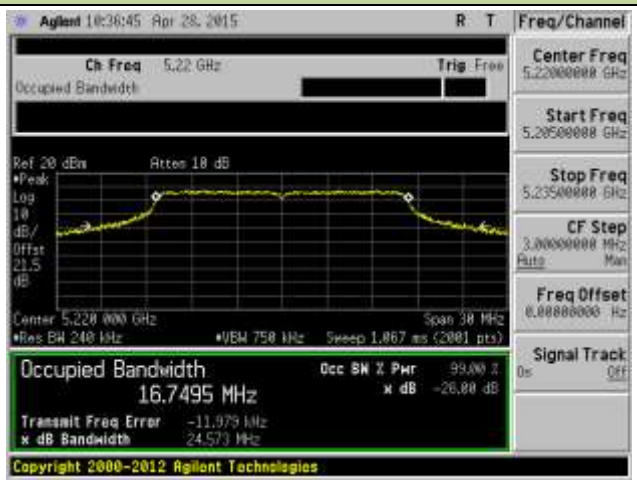
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11a 26dB Bandwidth & 99% Bandwidth - Ant 1

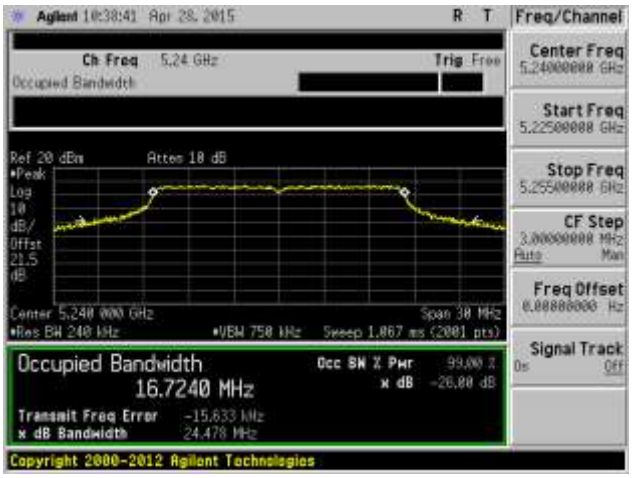
Channel 36 (5180MHz)



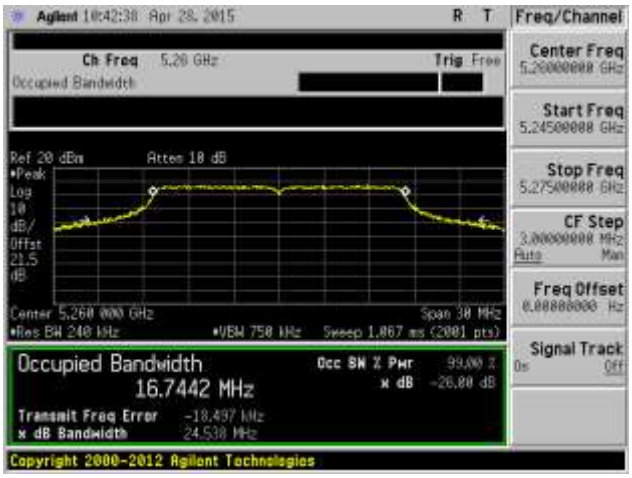
Channel 44 (5220MHz)



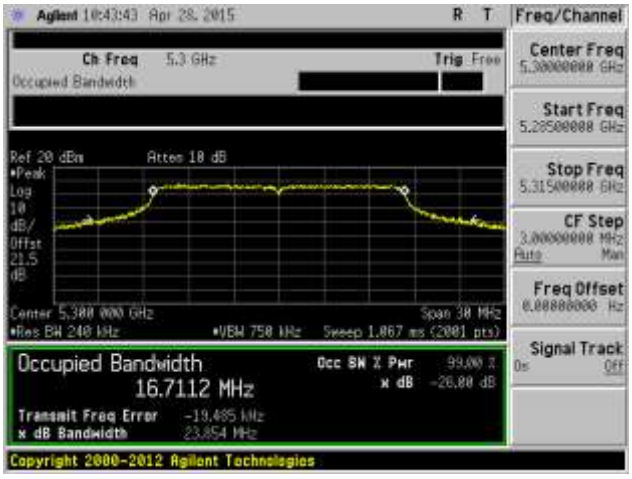
Channel 48 (5240MHz)



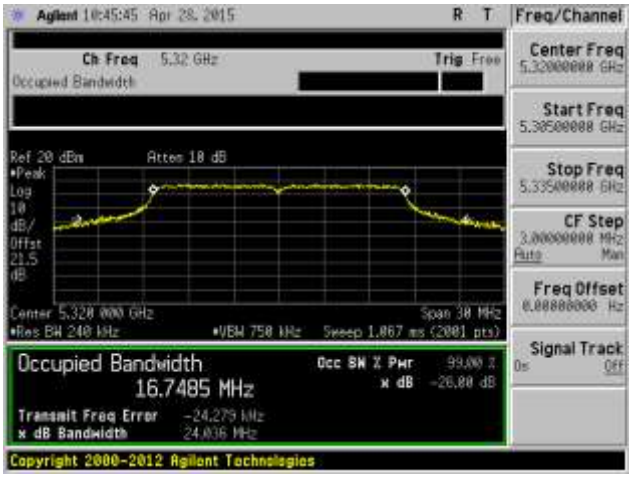
Channel 52 (5260MHz)

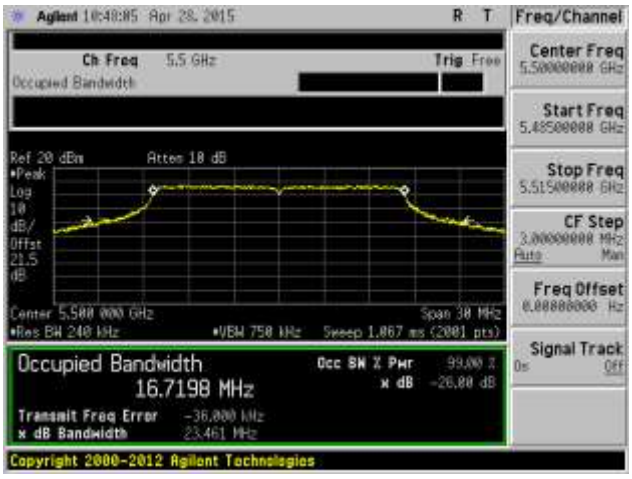
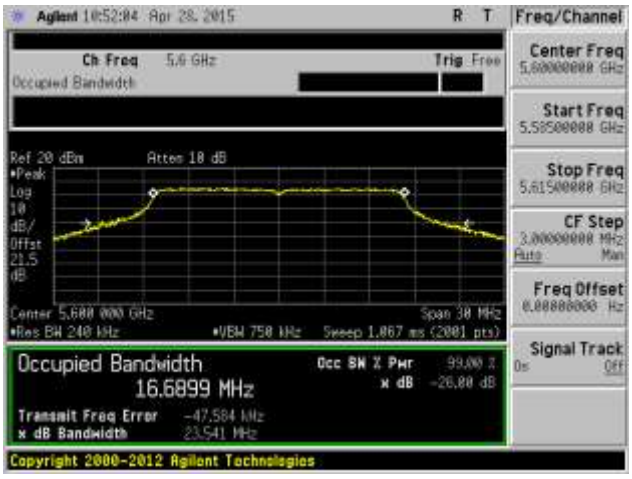
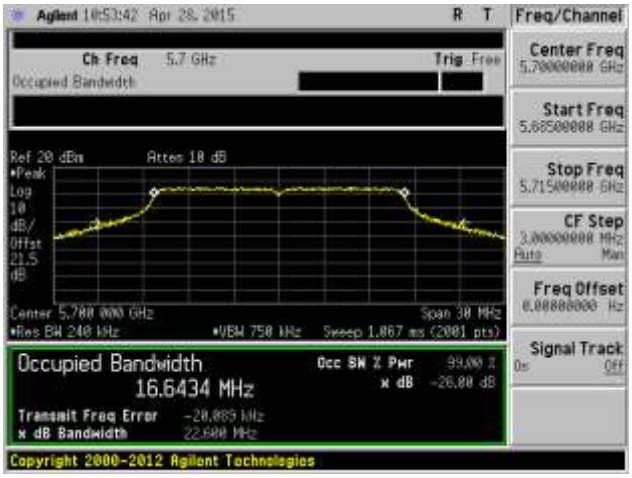
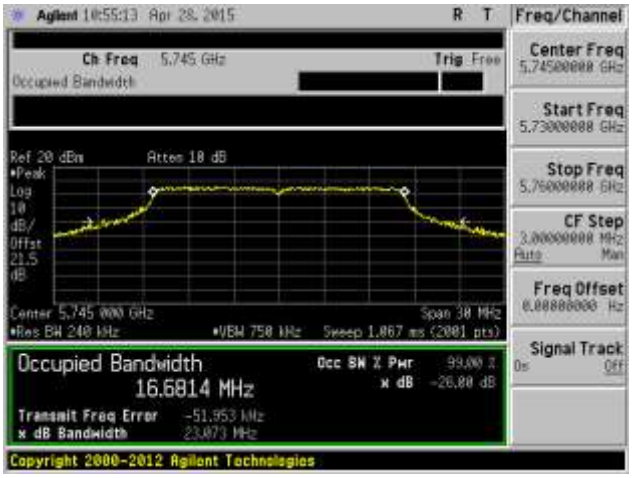
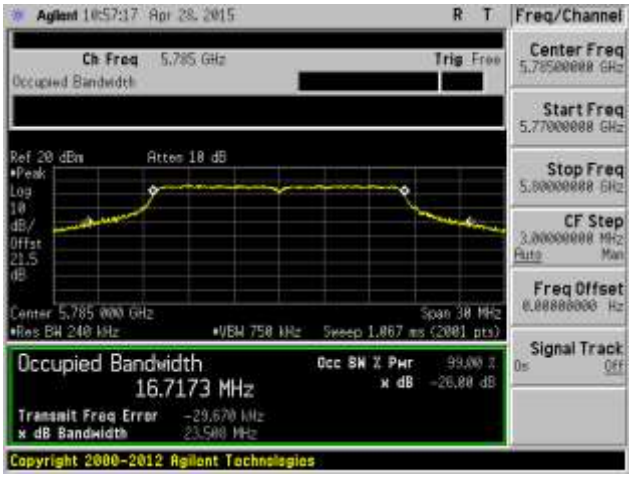
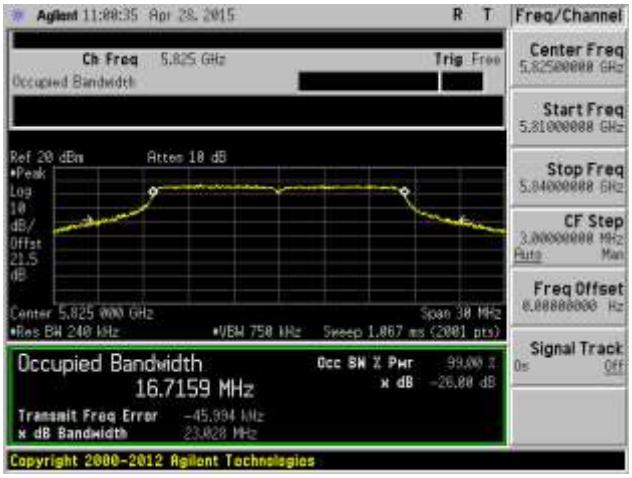


Channel 60 (5300MHz)



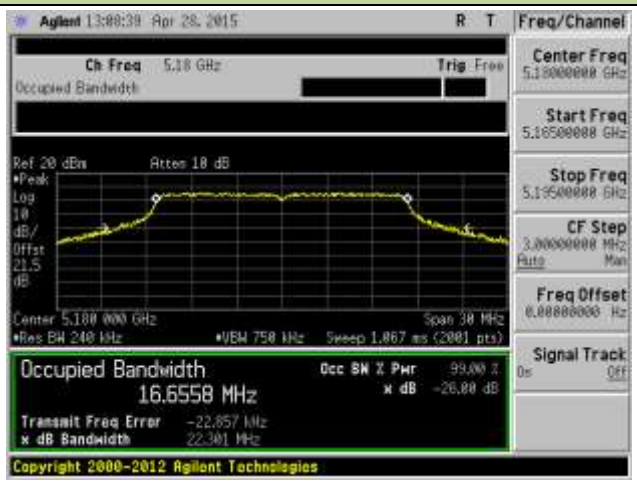
Channel 64 (5320MHz)



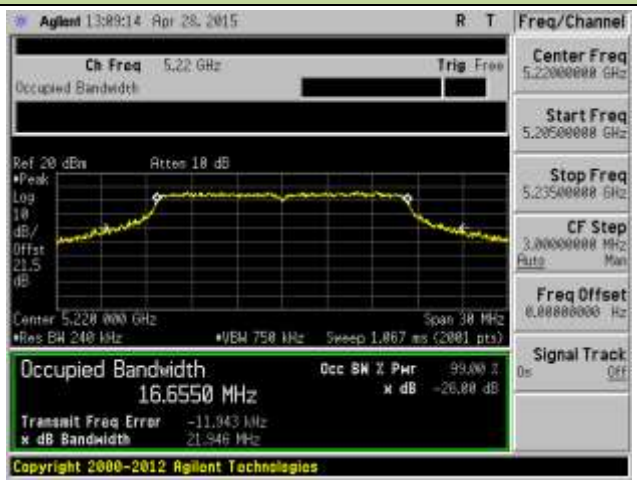
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11a 26dB Bandwidth & 99% Bandwidth - Ant 2

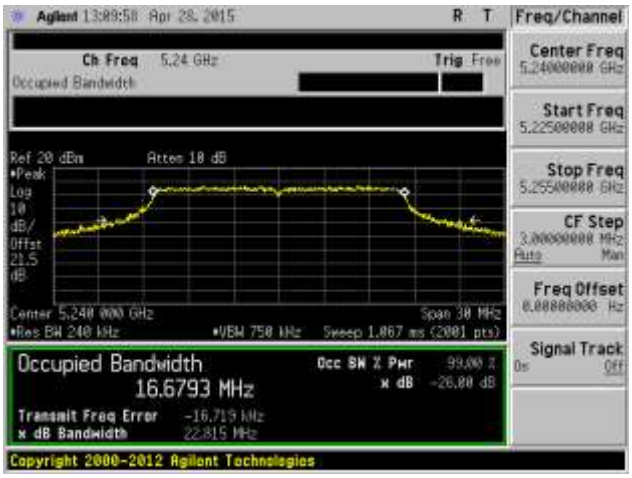
Channel 36 (5180MHz)



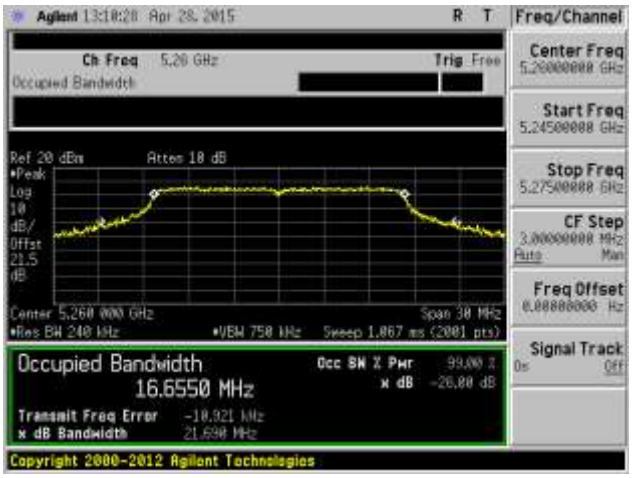
Channel 44 (5220MHz)



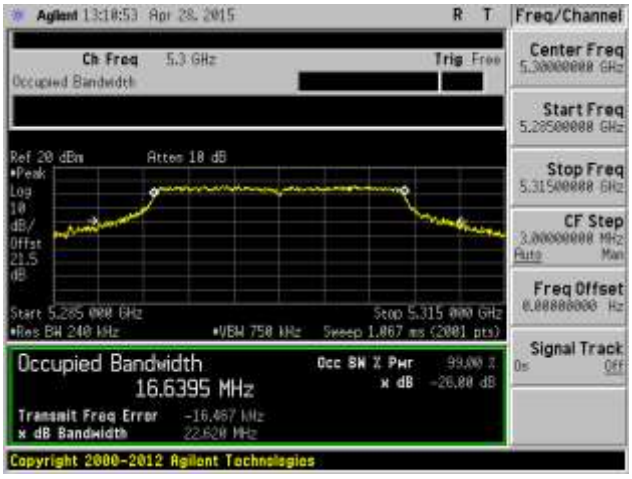
Channel 48 (5240MHz)



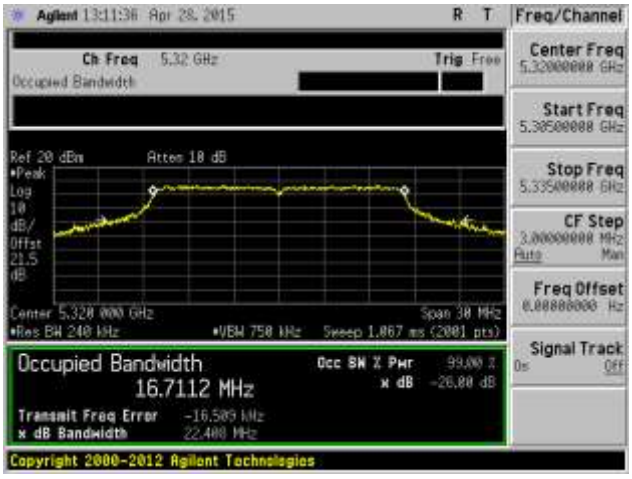
Channel 52 (5260MHz)

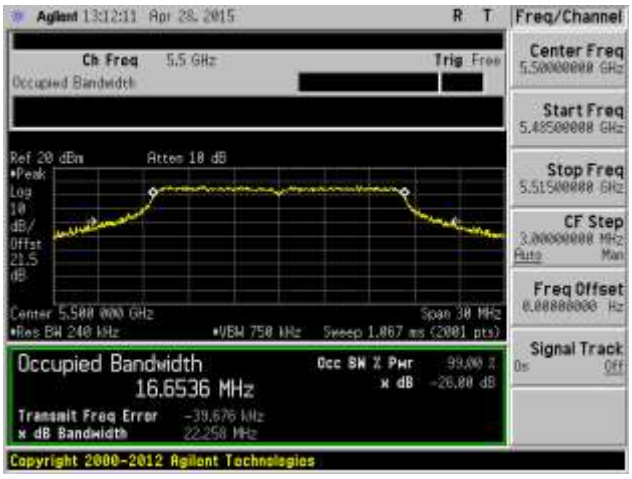
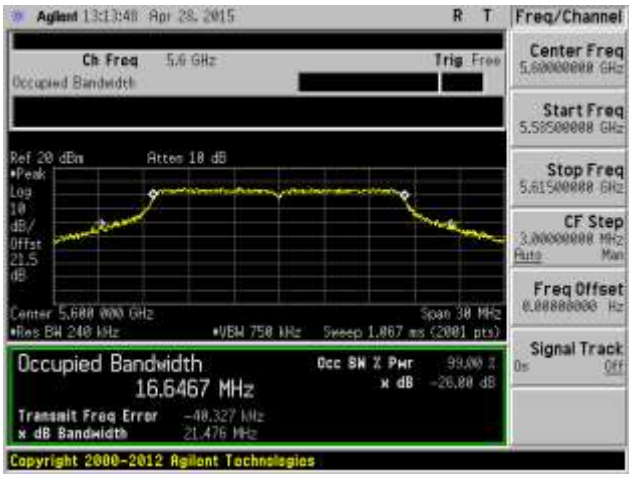
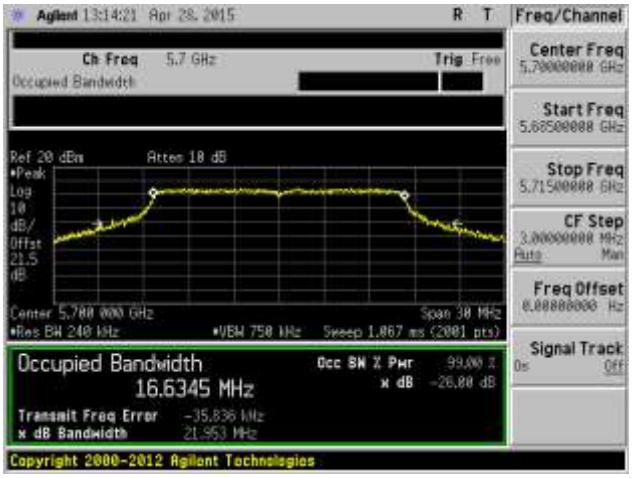
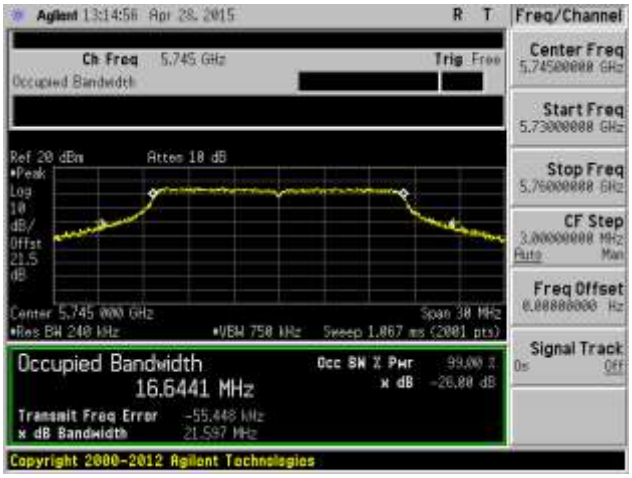
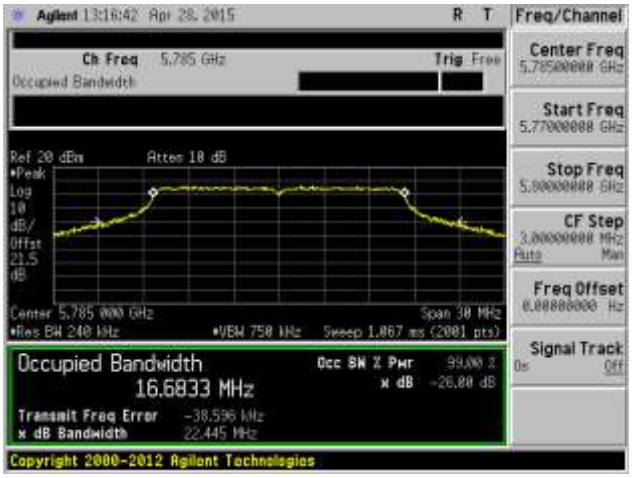
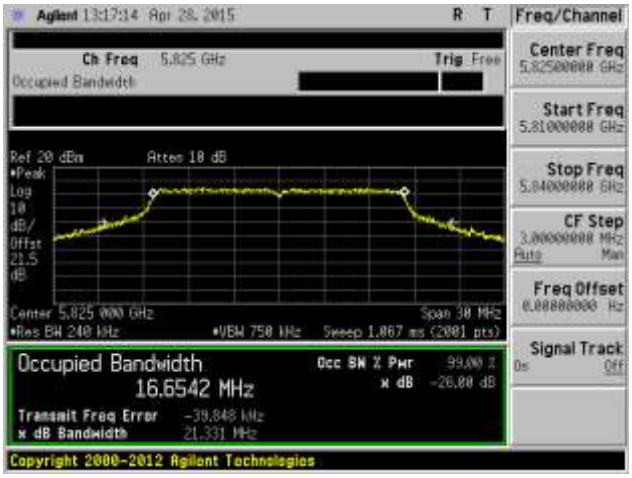


Channel 60 (5300MHz)



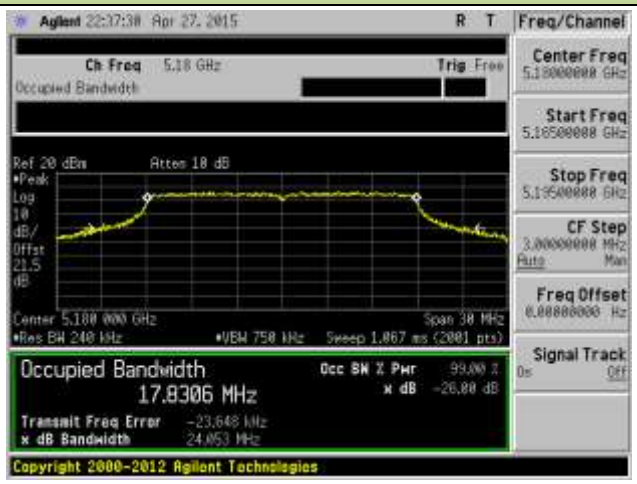
Channel 64 (5320MHz)



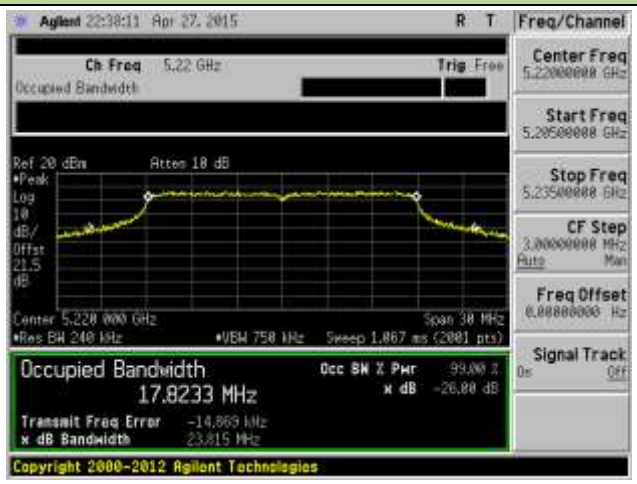
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 0

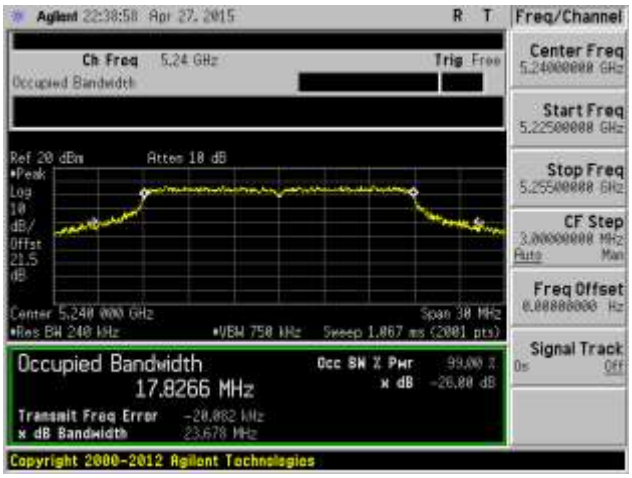
Channel 36 (5180MHz)



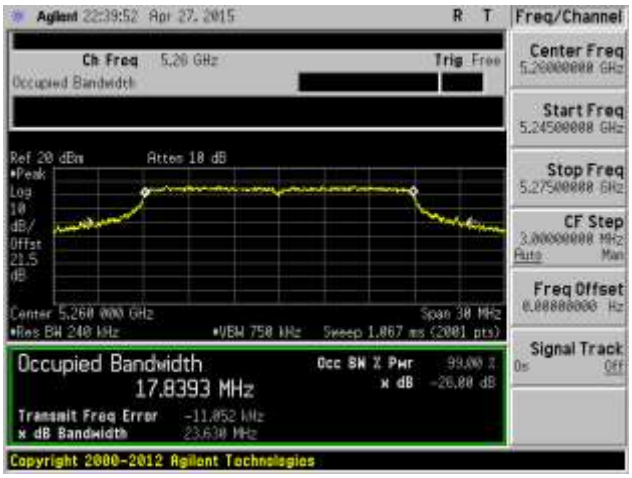
Channel 44 (5220MHz)



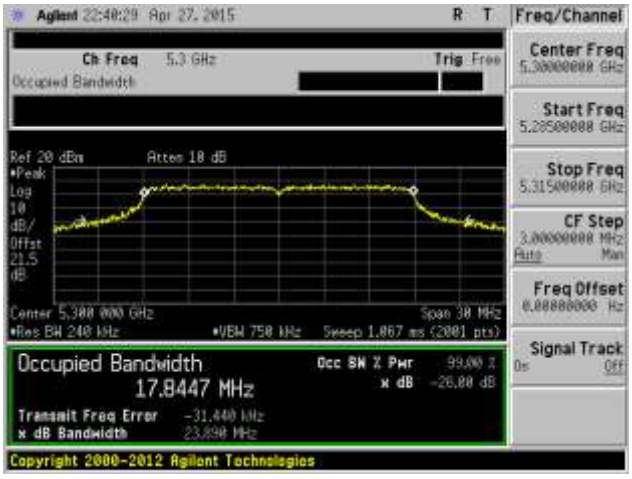
Channel 48 (5240MHz)



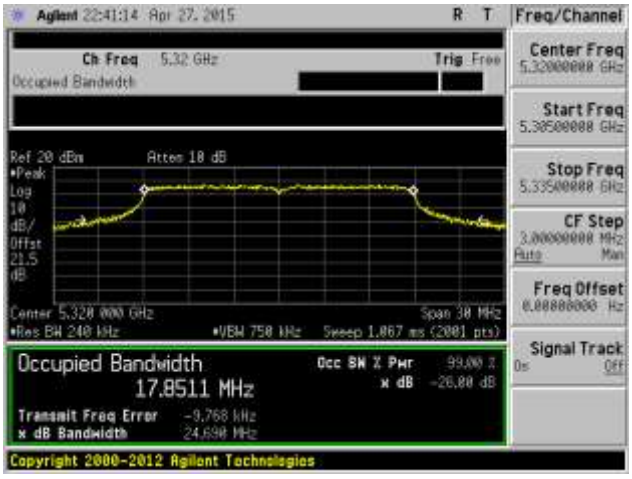
Channel 52 (5260MHz)

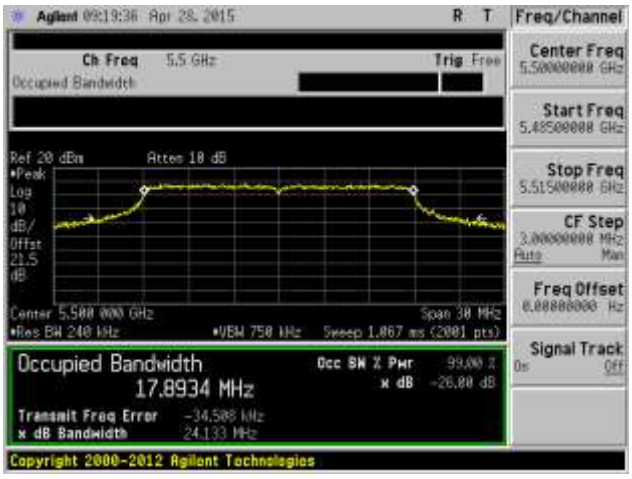
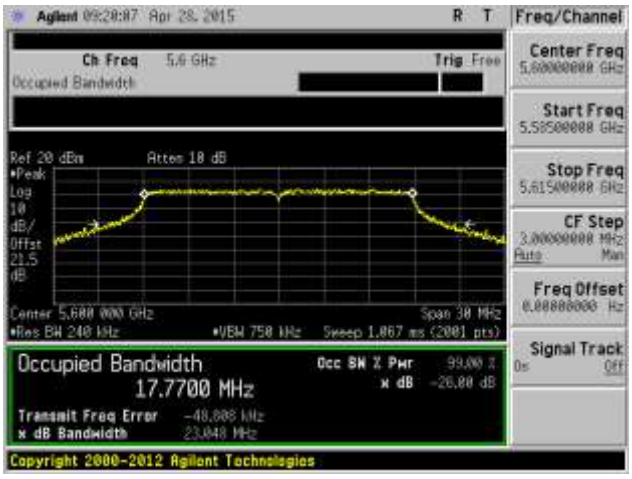
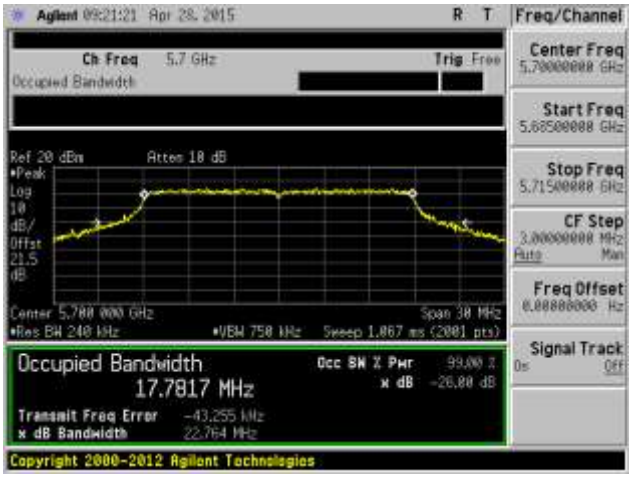
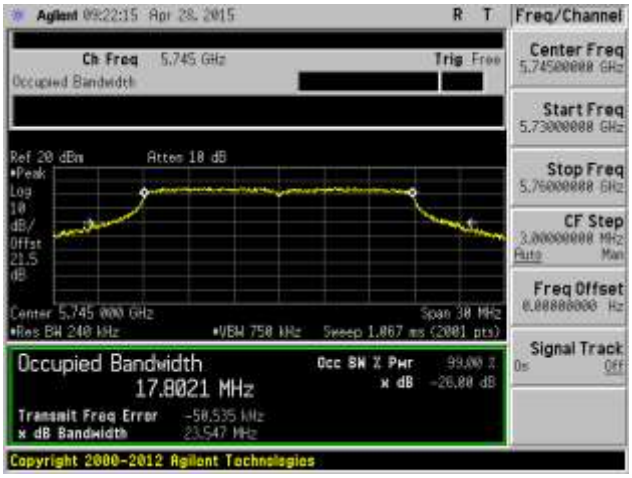
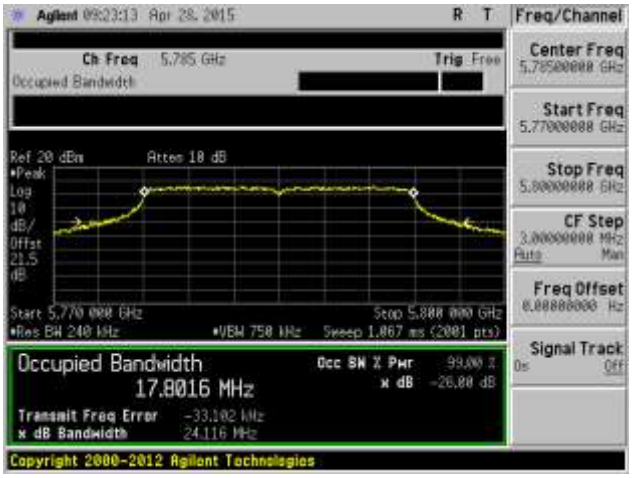
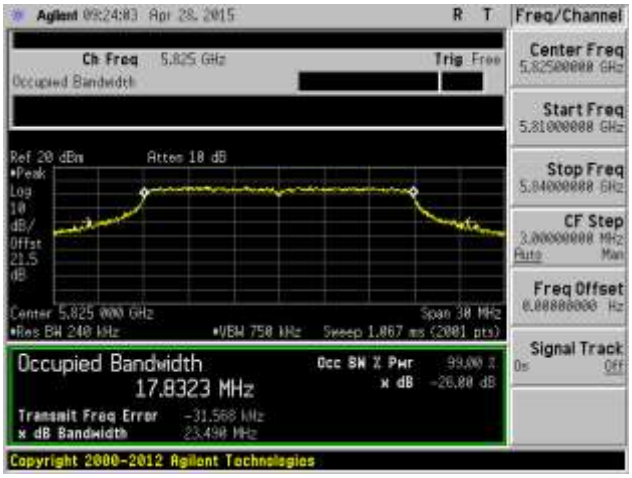


Channel 60 (5300MHz)



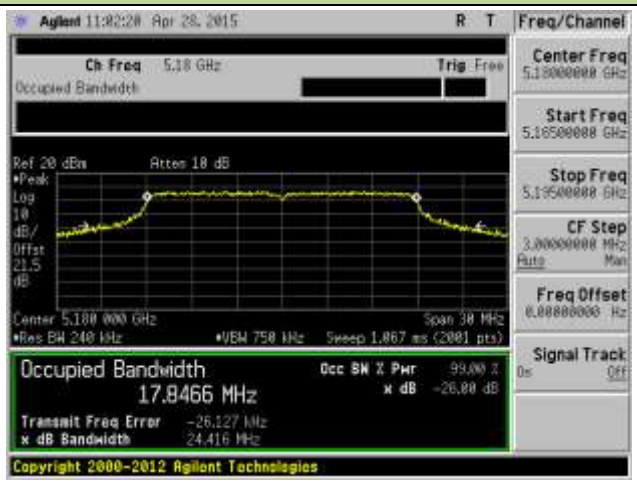
Channel 64 (5320MHz)



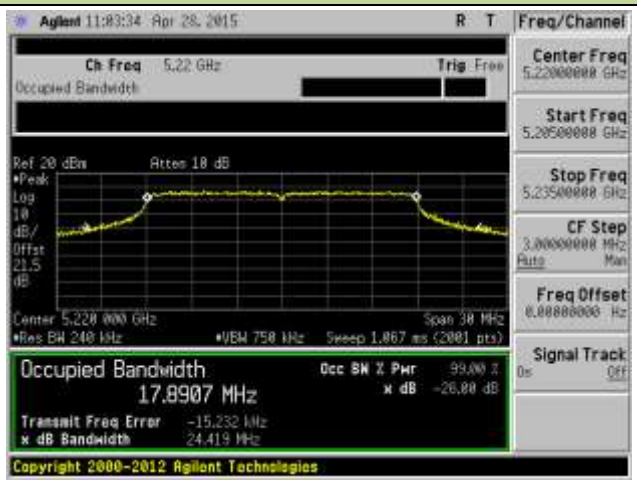
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 1

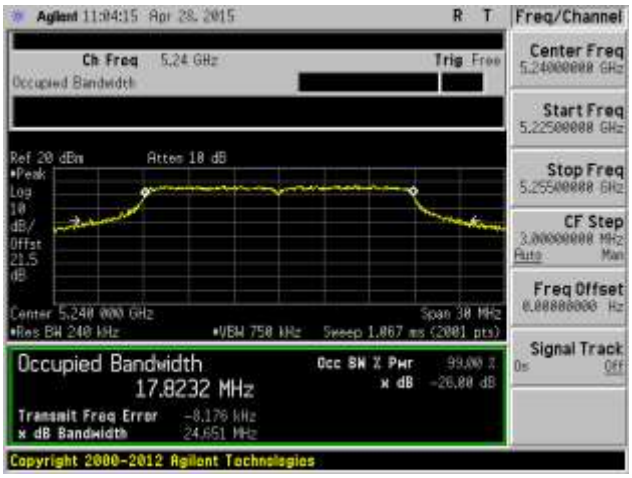
Channel 36 (5180MHz)



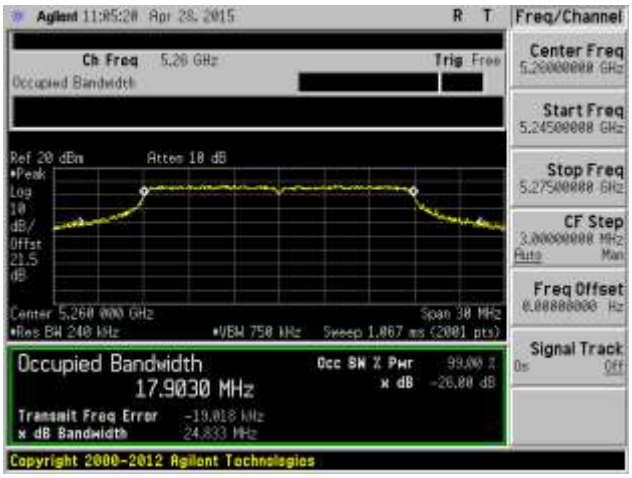
Channel 44 (5220MHz)



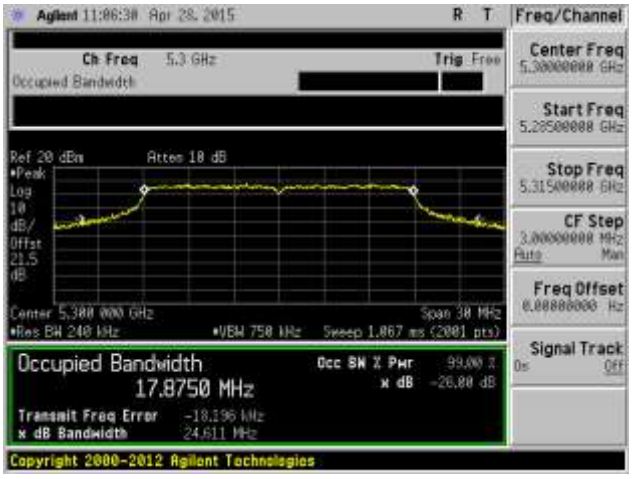
Channel 48 (5240MHz)



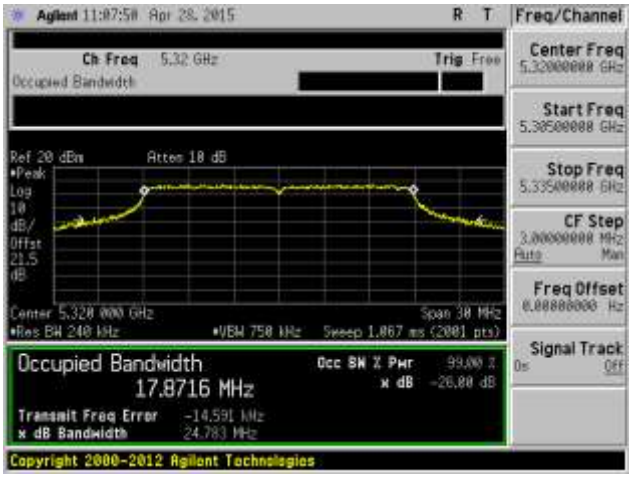
Channel 52 (5260MHz)

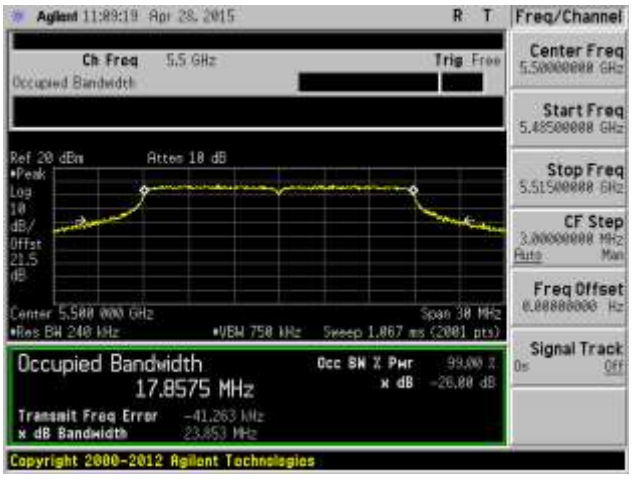
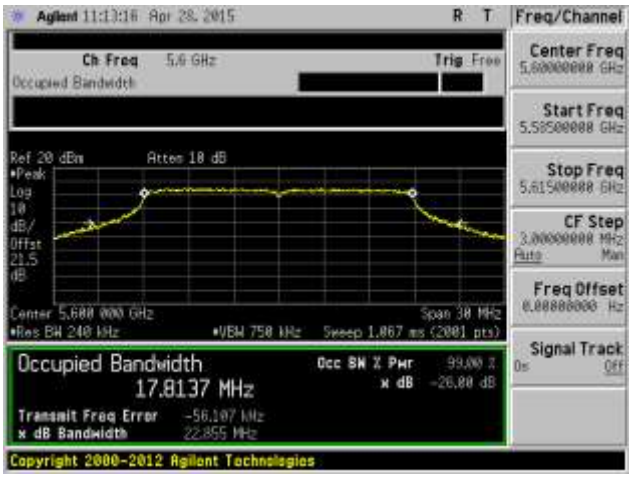
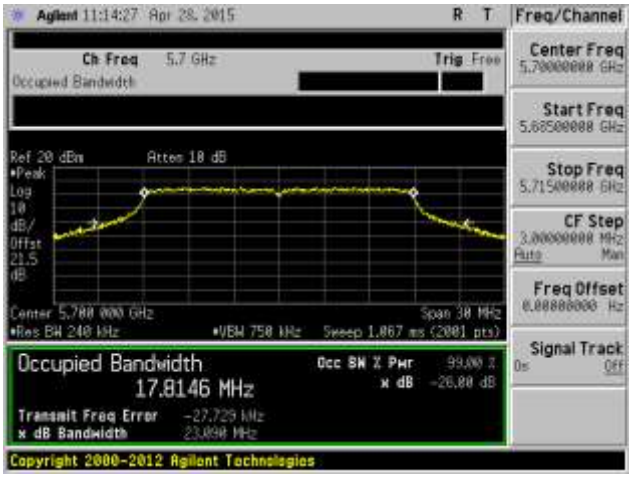
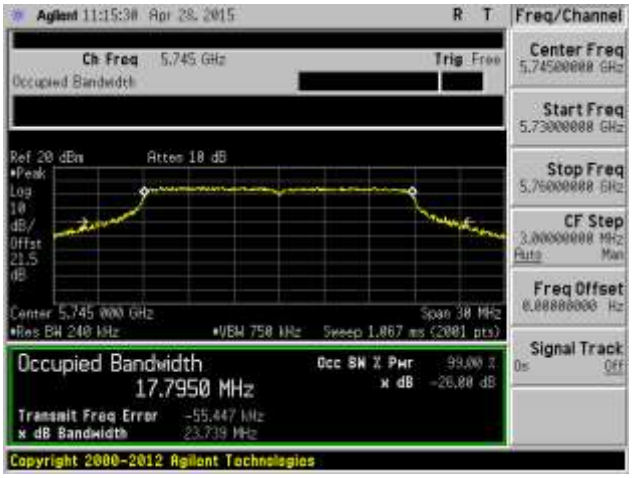
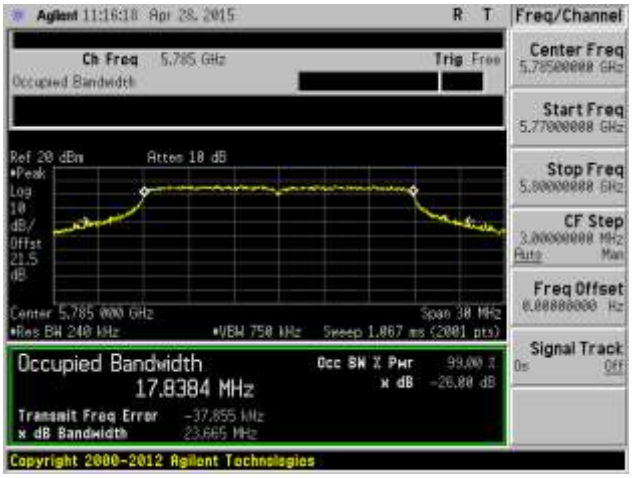
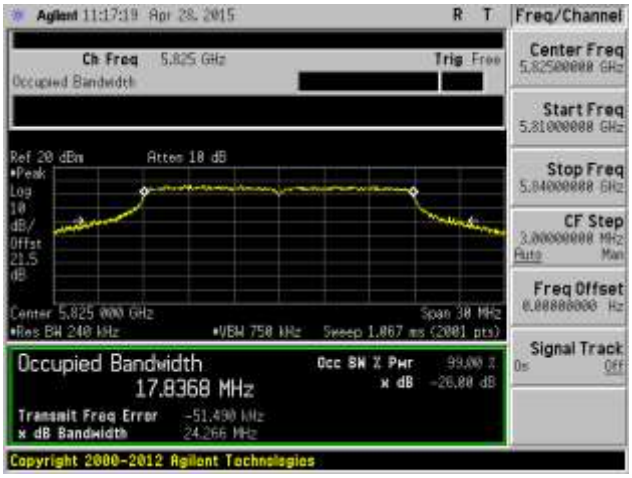


Channel 60 (5300MHz)



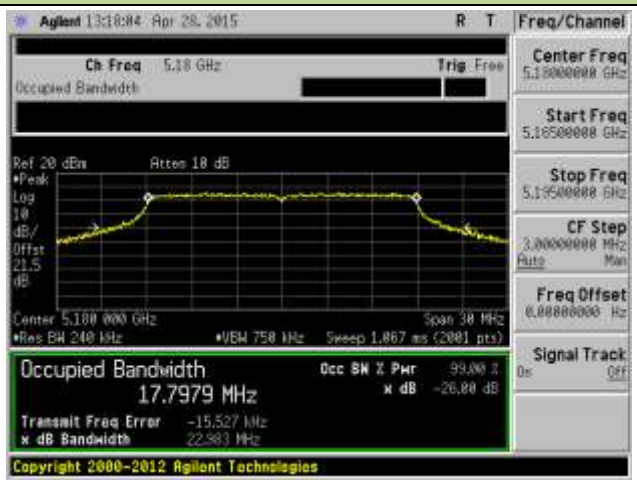
Channel 64 (5320MHz)



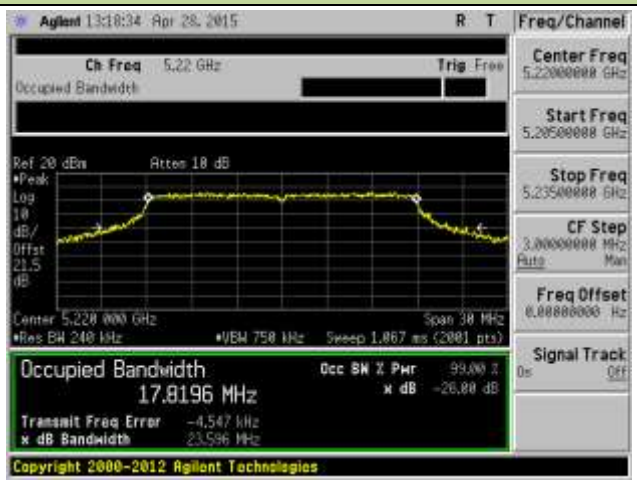
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 2

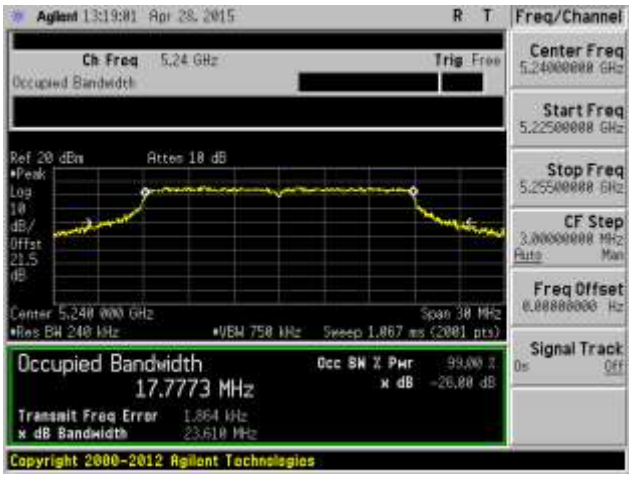
Channel 36 (5180MHz)



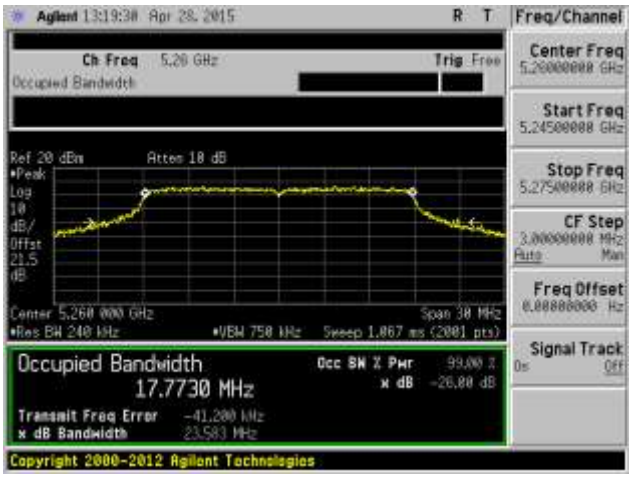
Channel 44 (5220MHz)



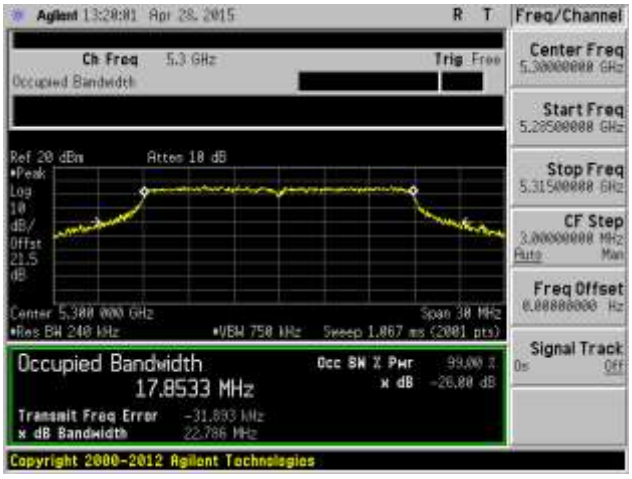
Channel 48 (5240MHz)



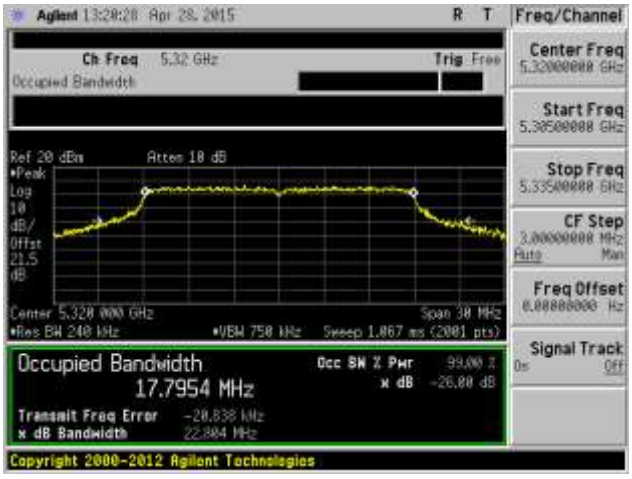
Channel 52 (5260MHz)

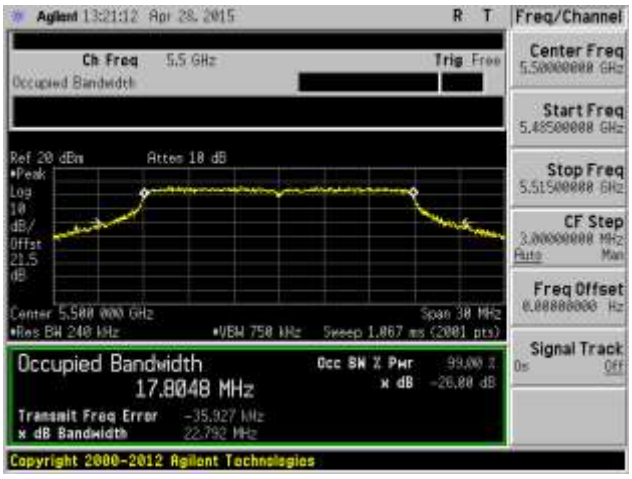
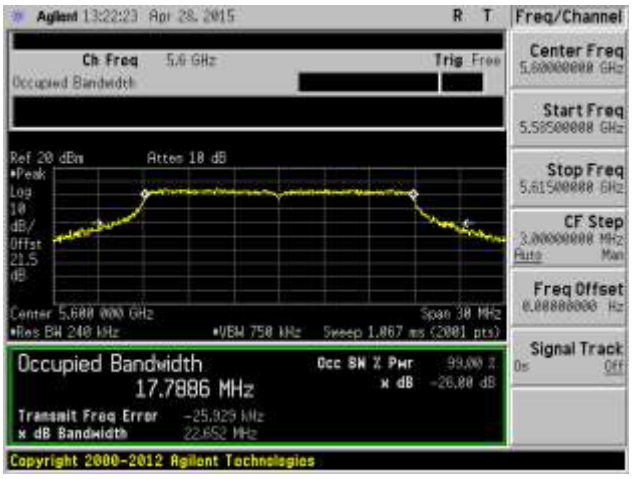
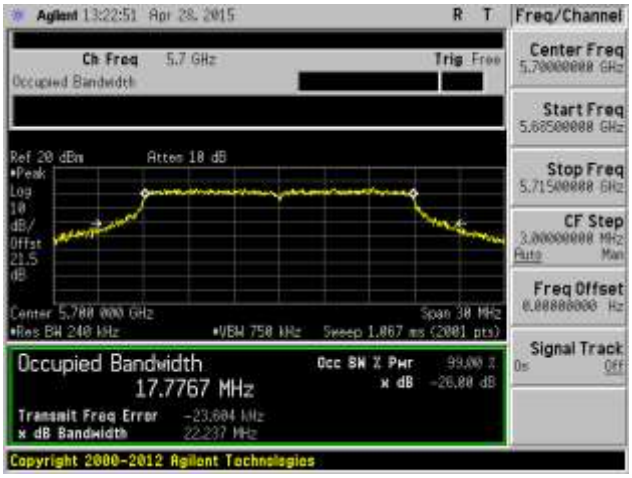
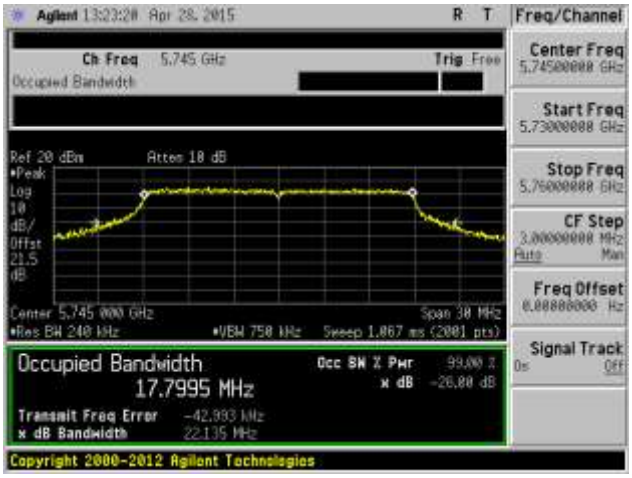
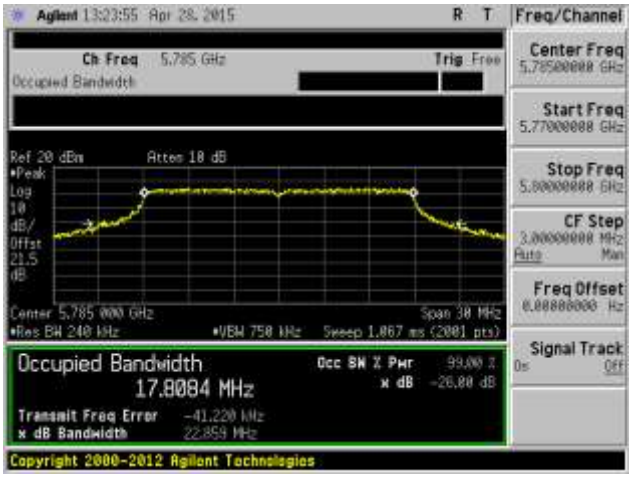
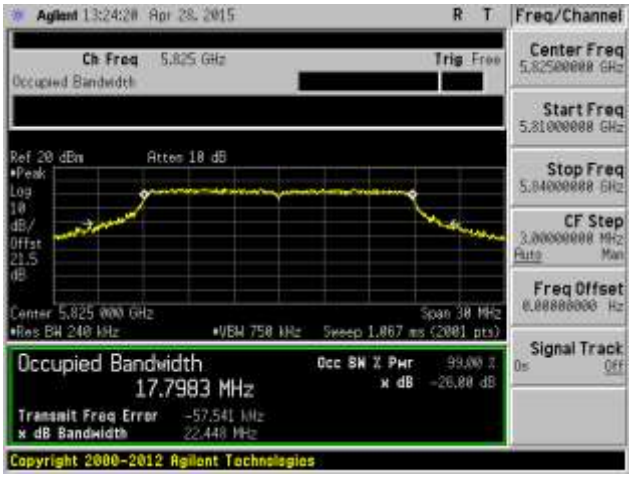


Channel 60 (5300MHz)



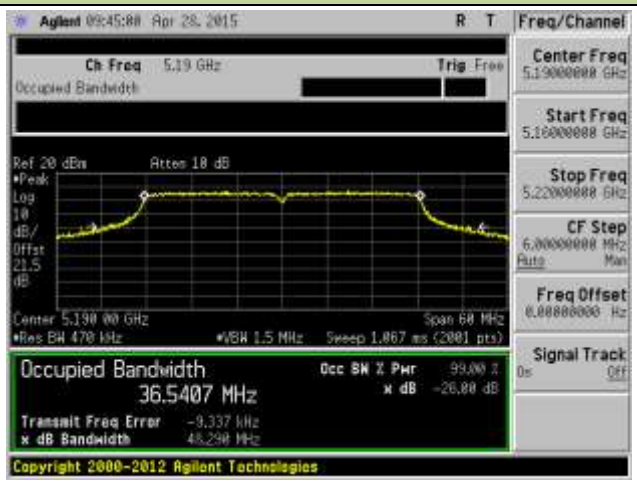
Channel 64 (5320MHz)



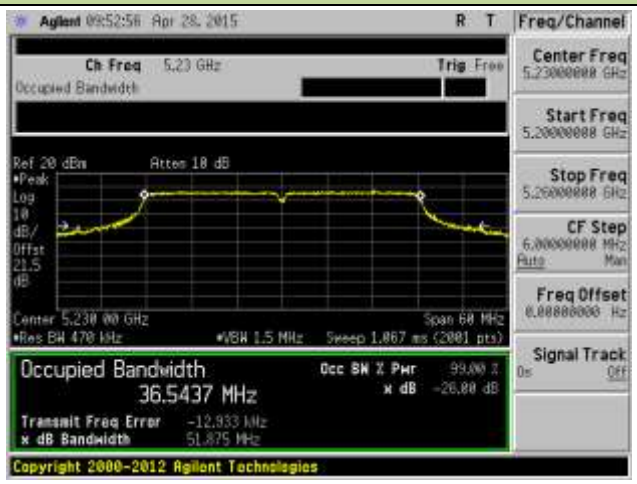
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT40 26dB Bandwidth & 99% Bandwidth - Ant 0

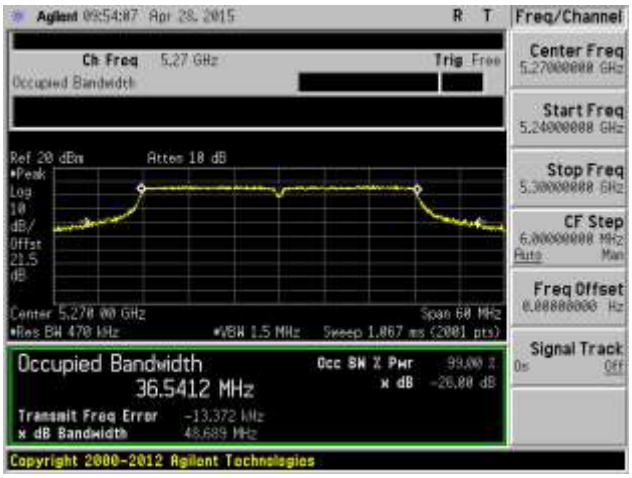
Channel 38 (5190MHz)



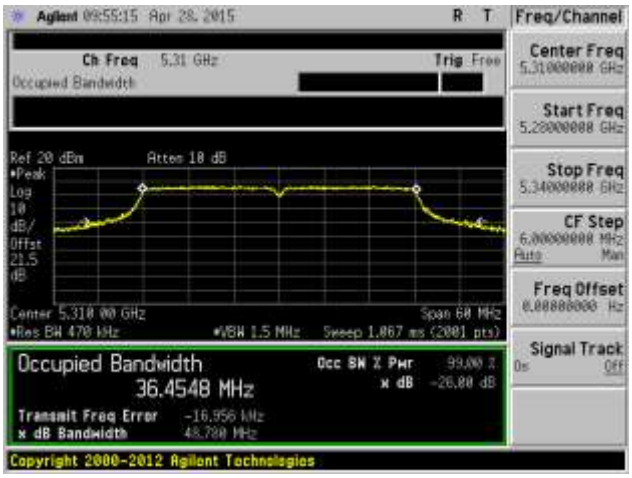
Channel 46 (5230MHz)



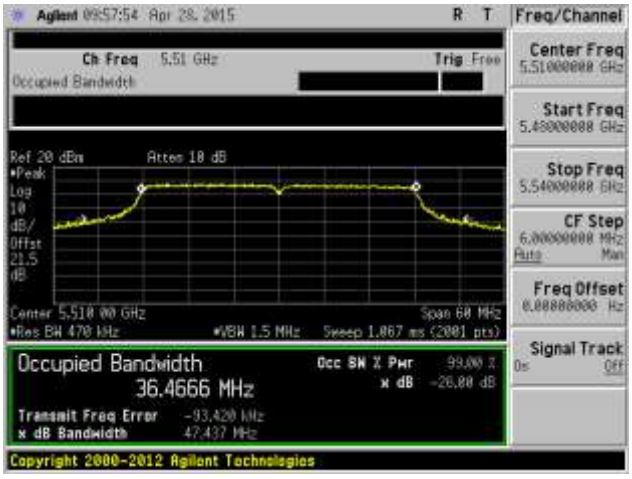
Channel 54 (5270MHz)



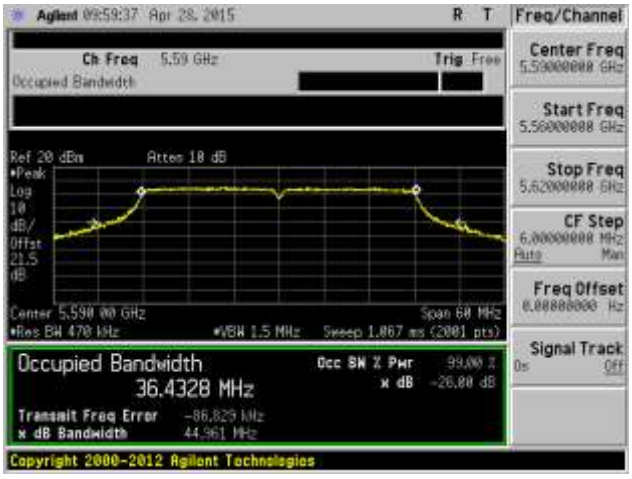
Channel 62 (5310MHz)

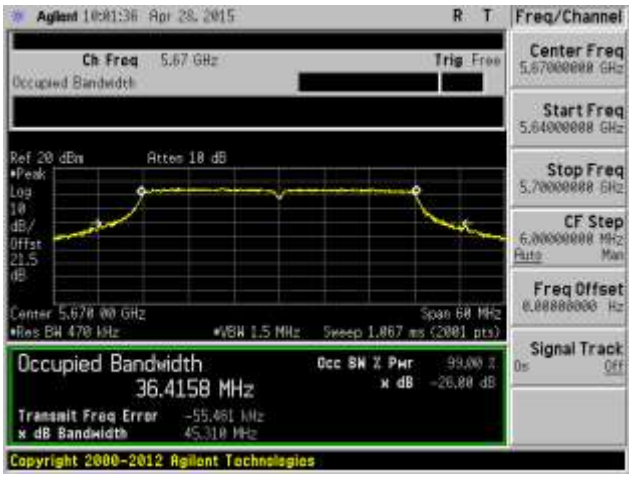
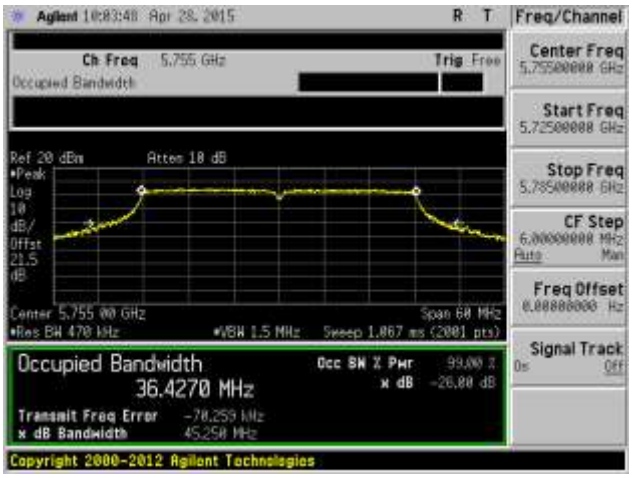
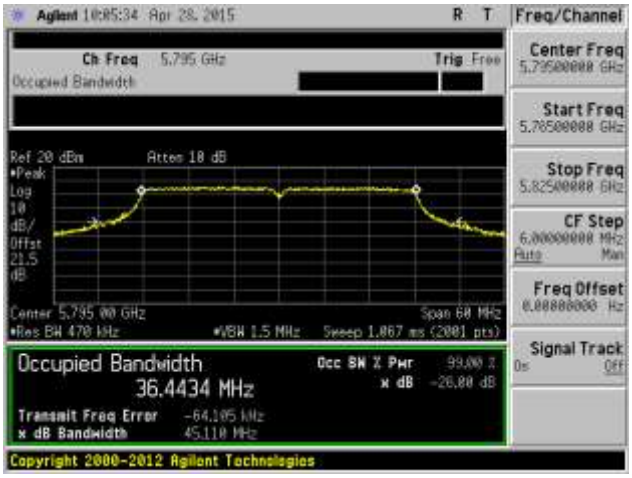


Channel 102 (5510MHz)



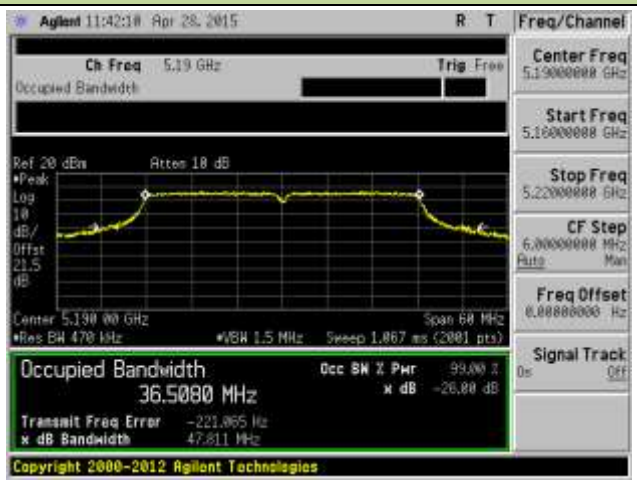
Channel 118 (5590MHz)



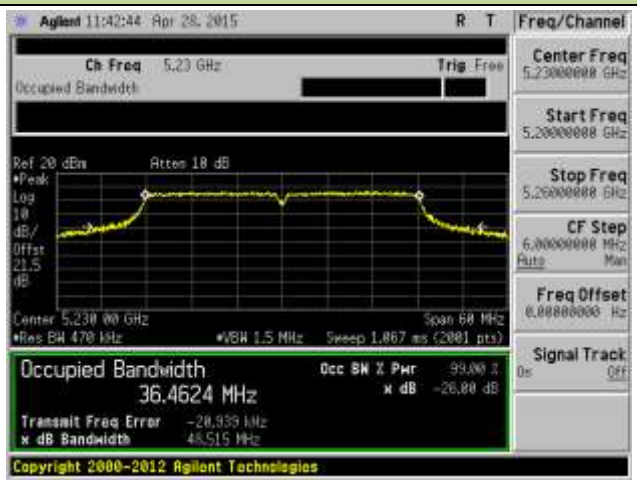
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11n-HT40 26dB Bandwidth & 99% Bandwidth - Ant 1

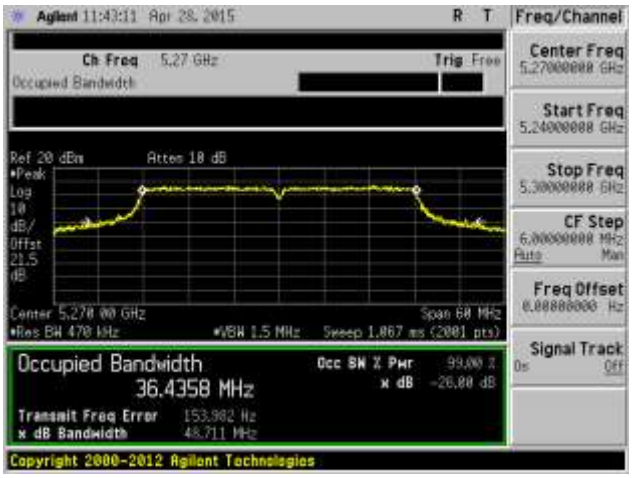
Channel 38 (5190MHz)



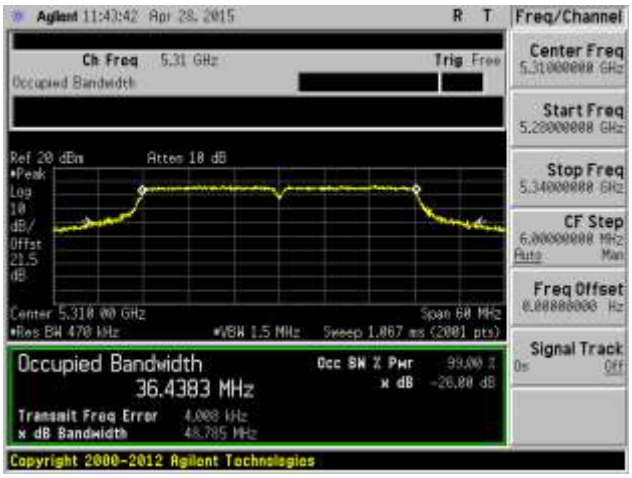
Channel 46 (5230MHz)



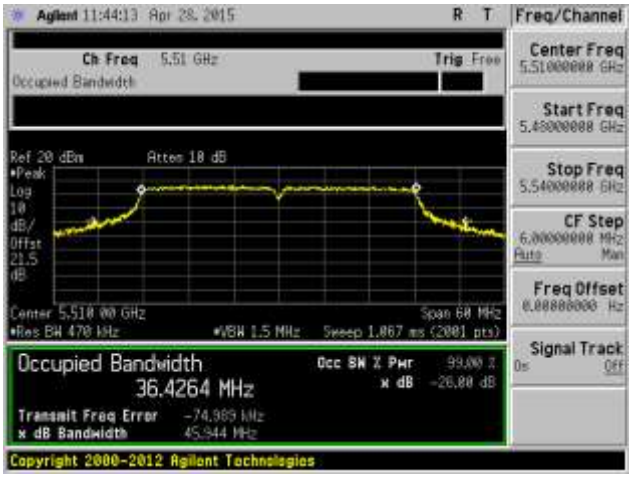
Channel 54 (5270MHz)



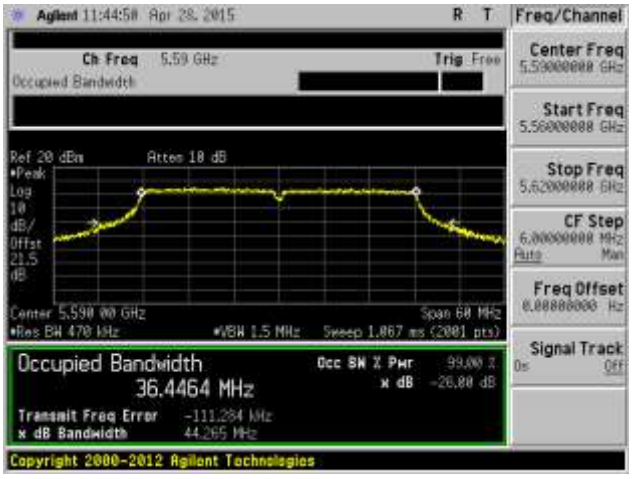
Channel 62 (5310MHz)

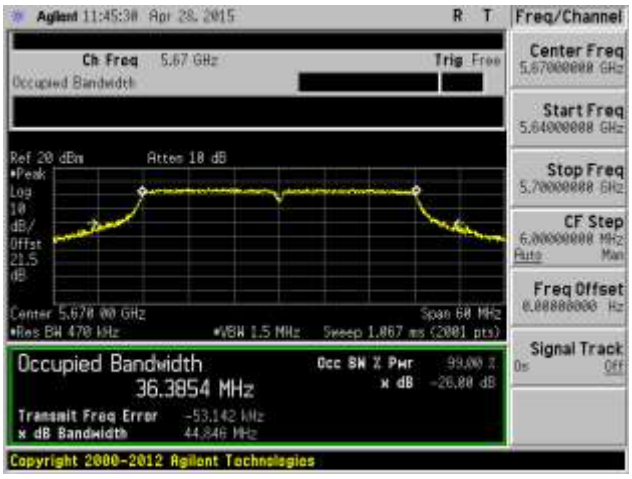
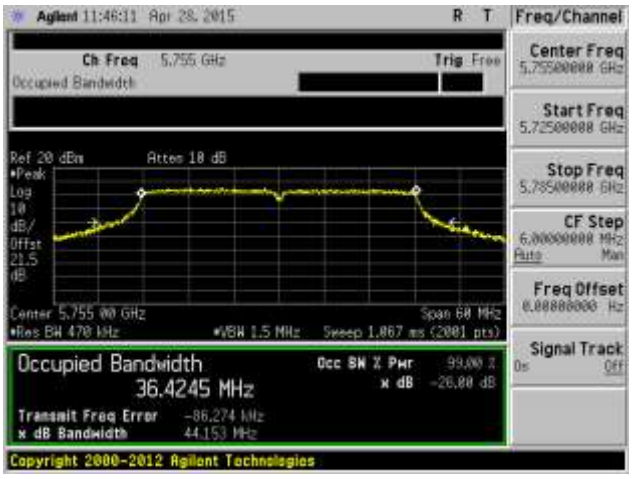
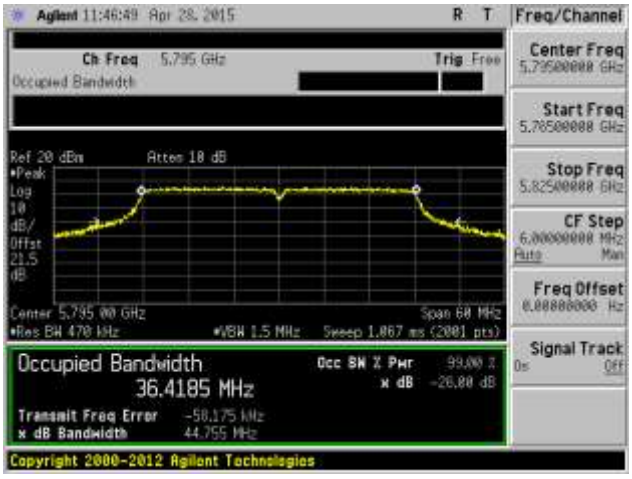


Channel 102 (5510MHz)



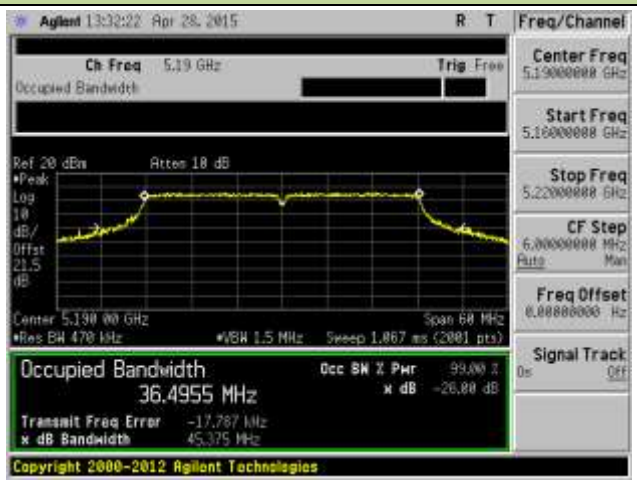
Channel 118 (5590MHz)



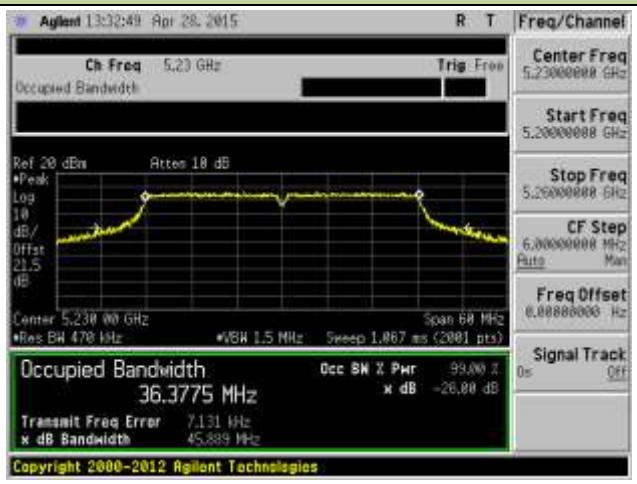
Channel 134 (5670MHz)	Channel 151 (5755 MHz)
	
Channel 159 (5795 MHz)	
	

802.11n-HT40 26dB Bandwidth & 99% Bandwidth - Ant 2

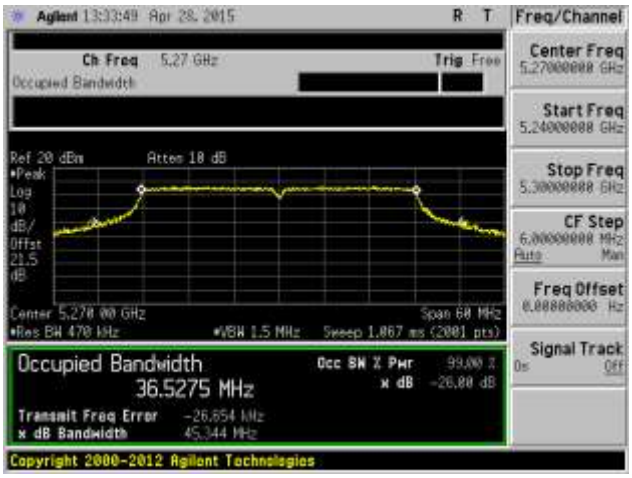
Channel 38 (5190MHz)



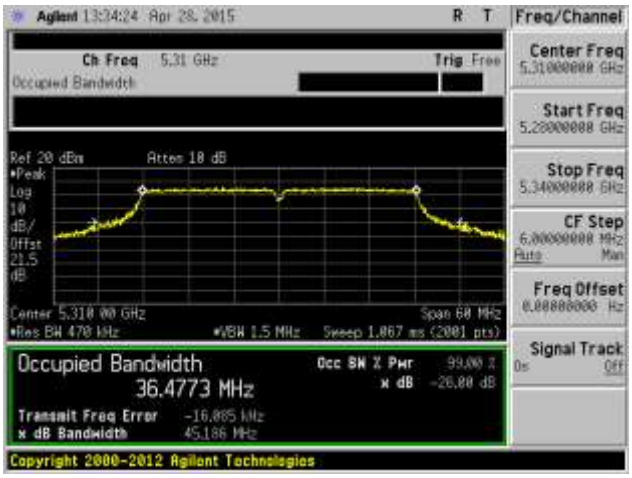
Channel 46 (5230MHz)



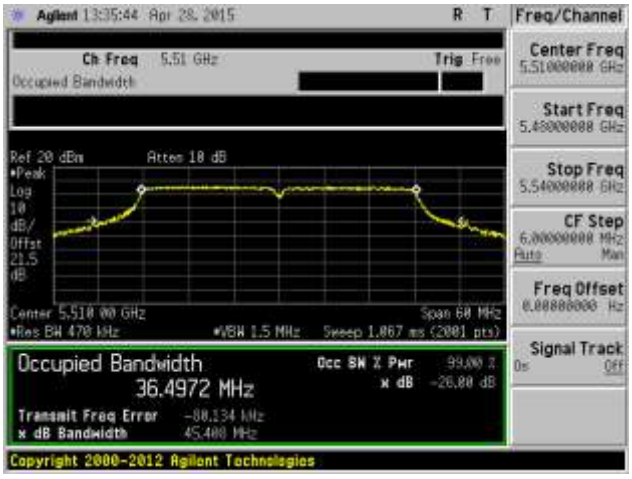
Channel 54 (5270MHz)



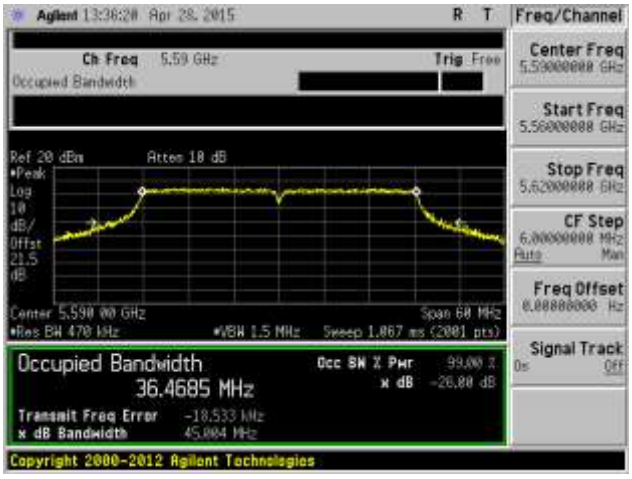
Channel 62 (5310MHz)

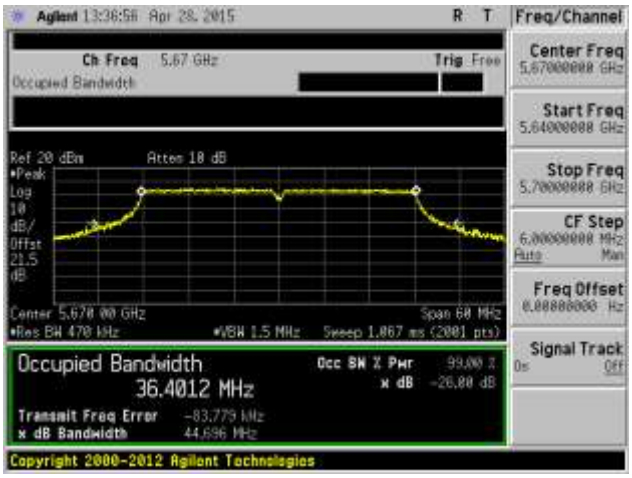
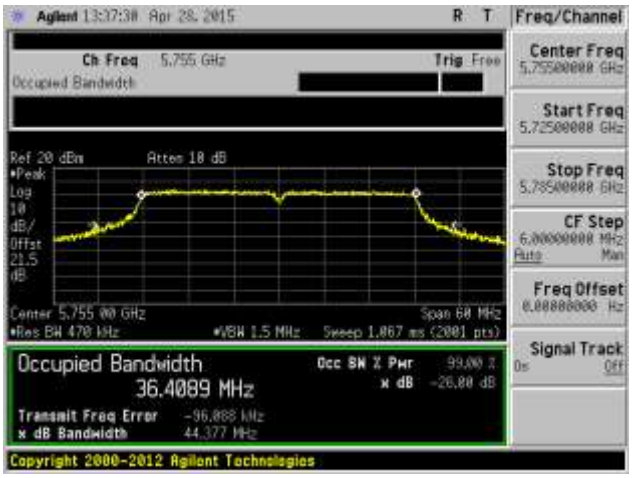
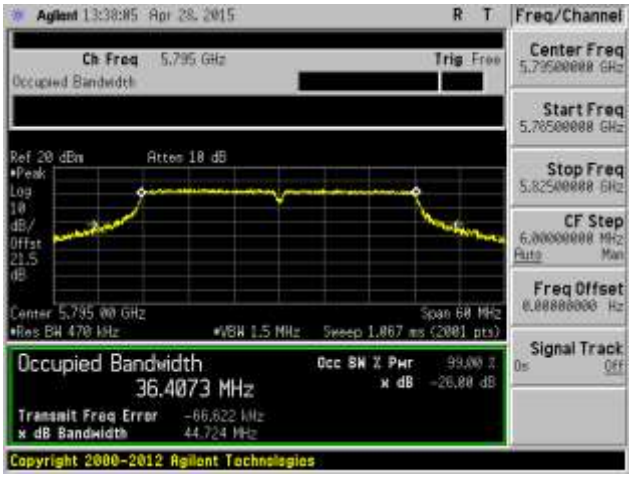


Channel 102 (5510MHz)



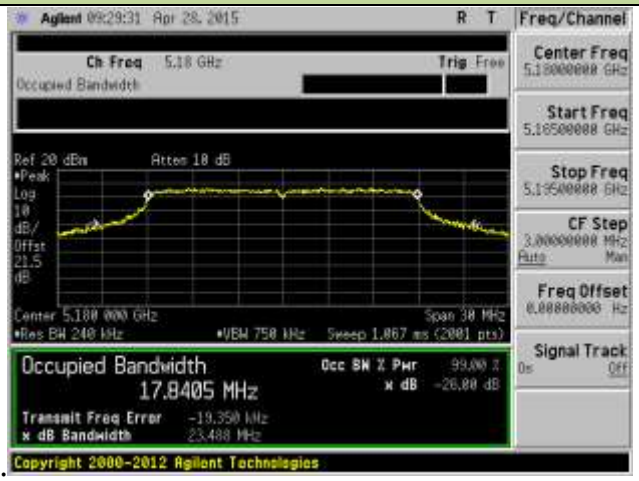
Channel 118 (5590MHz)



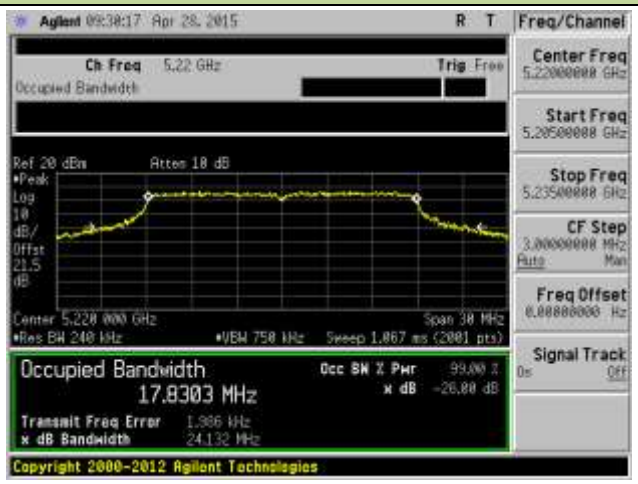
Channel 134 (5670MHz)	Channel 151 (5755 MHz)
	
Channel 159 (5795 MHz)	
	

802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 0

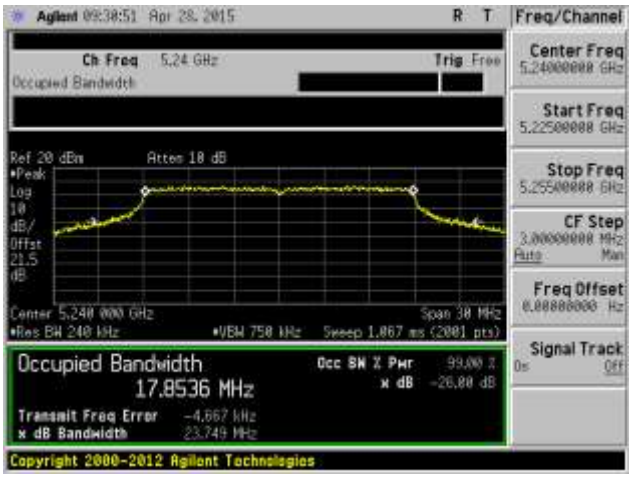
Channel 36 (5180MHz)



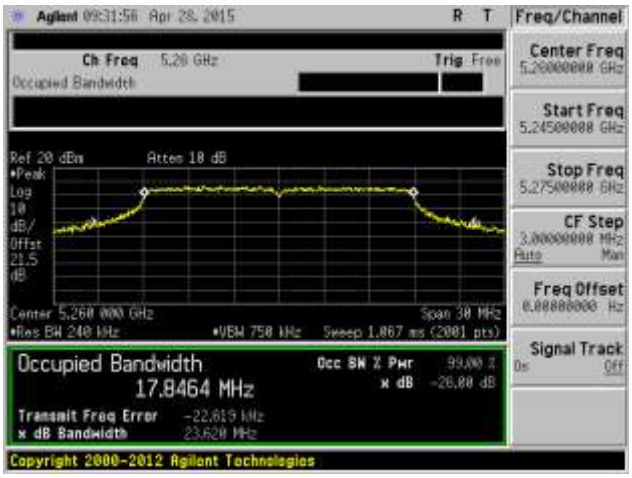
Channel 44 (5220MHz)



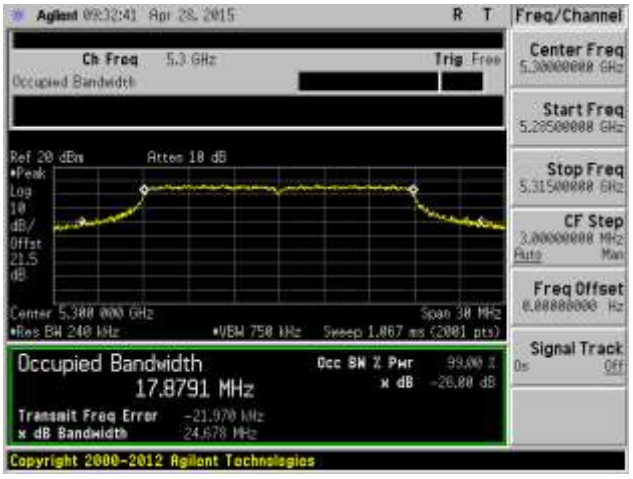
Channel 48 (5240MHz)



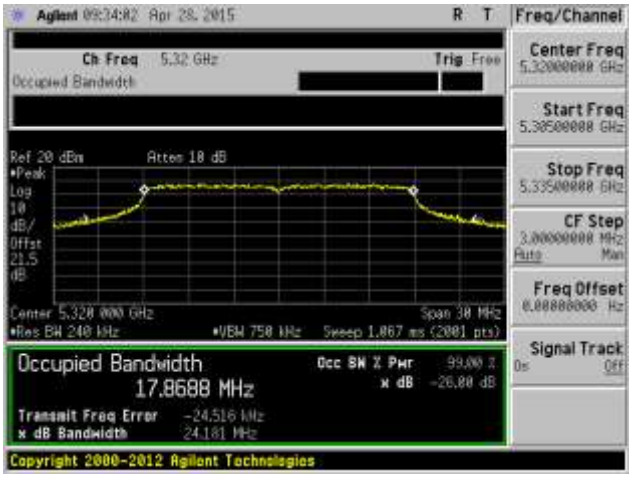
Channel 52 (5260MHz)

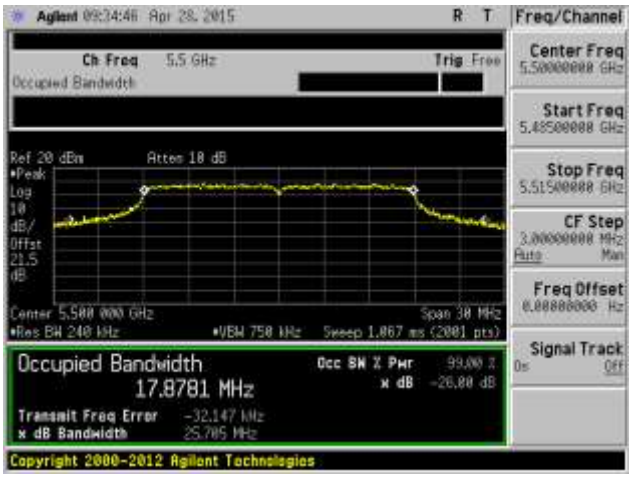
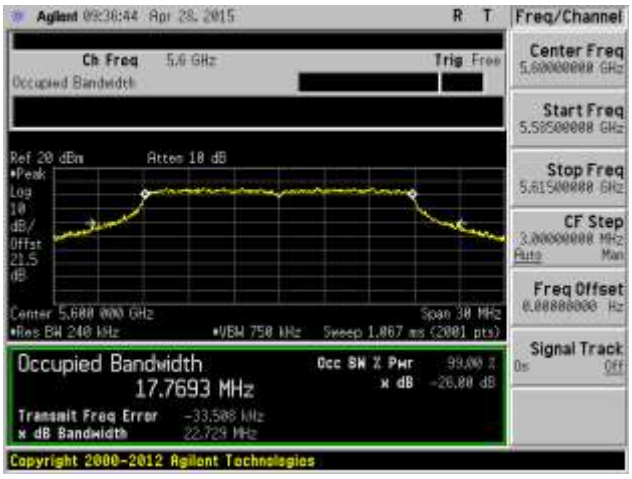
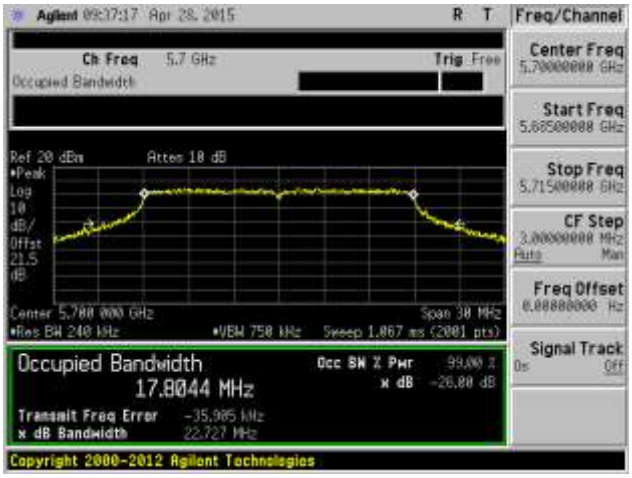
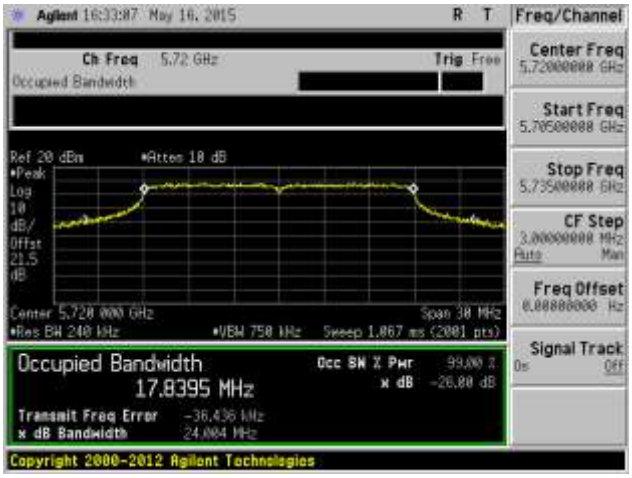
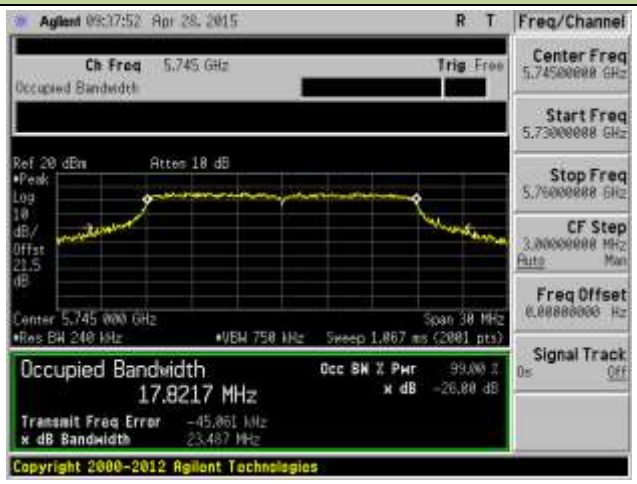
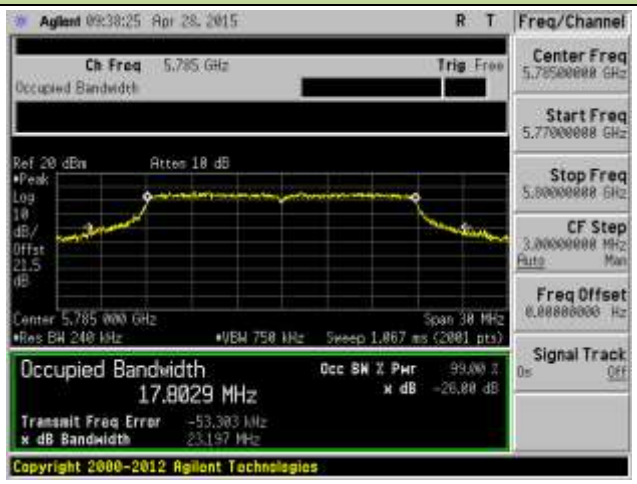


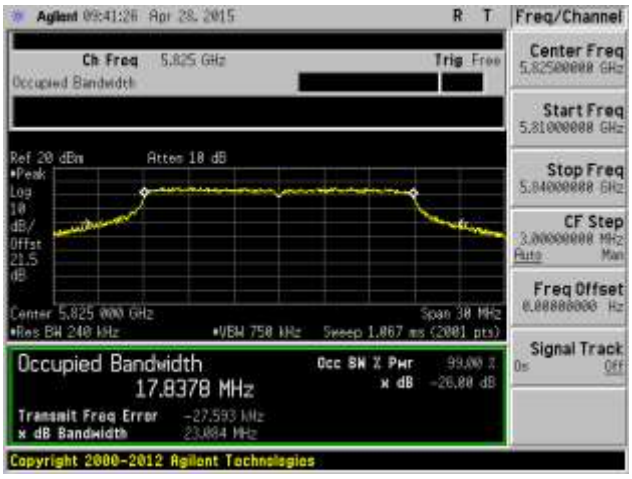
Channel 60 (5300MHz)



Channel 64 (5320MHz)

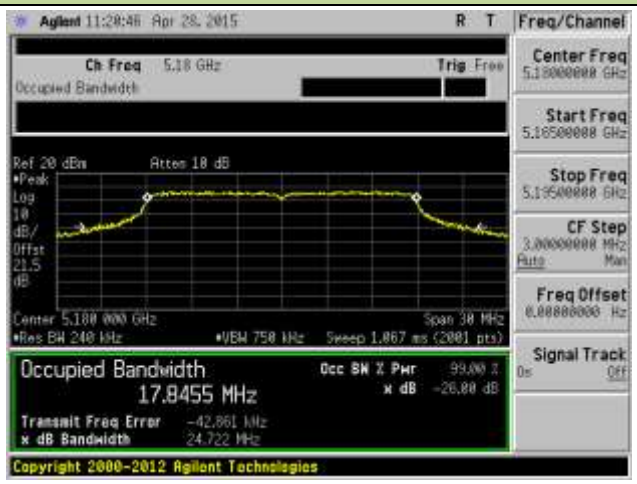


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

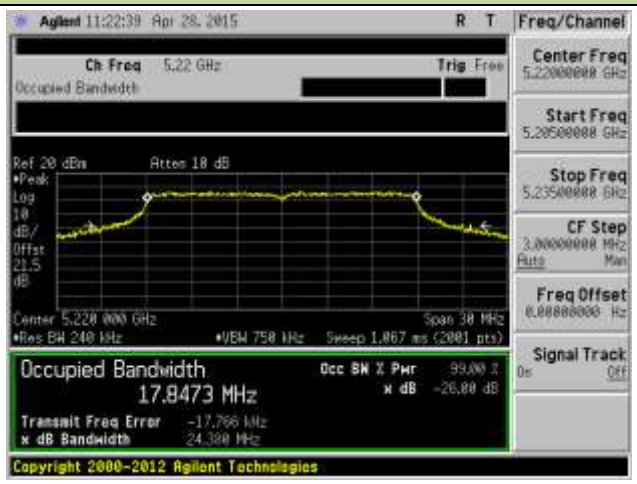
Channel 165 (5825MHz)	
	

802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 1

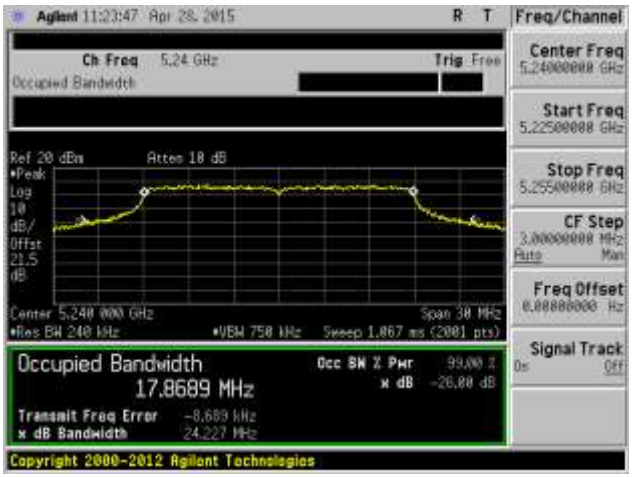
Channel 36 (5180MHz)



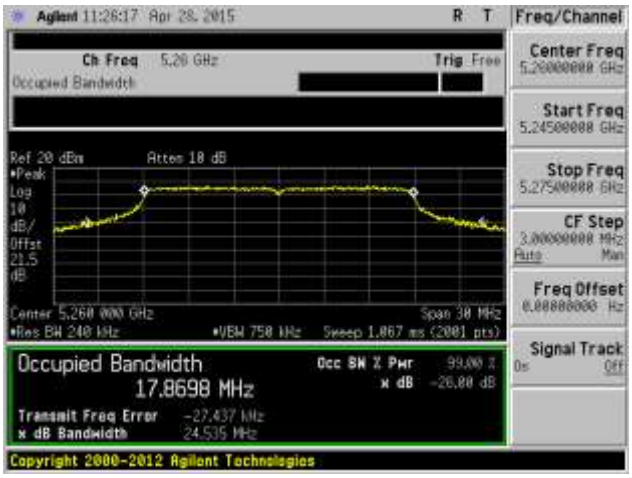
Channel 44 (5220MHz)



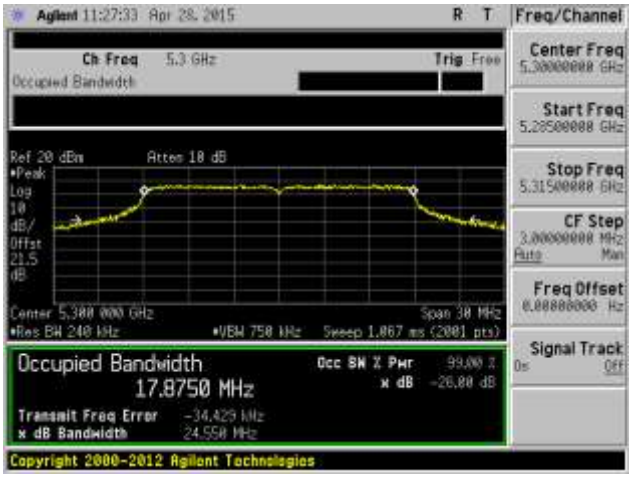
Channel 48 (5240MHz)



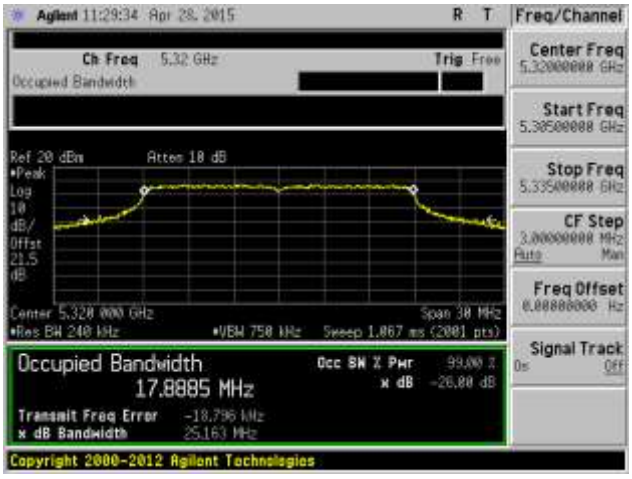
Channel 52 (5260MHz)

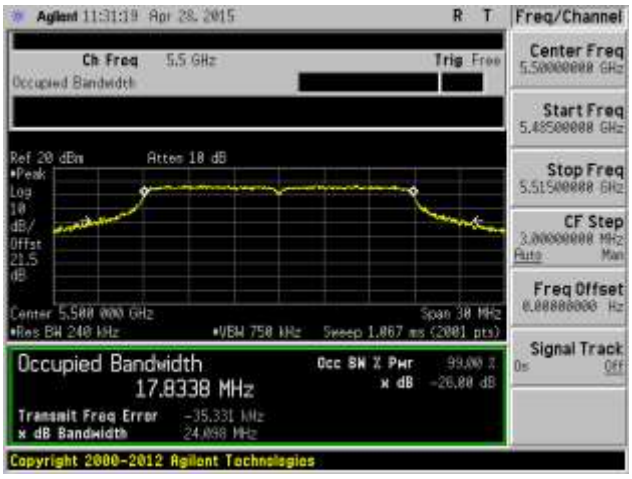
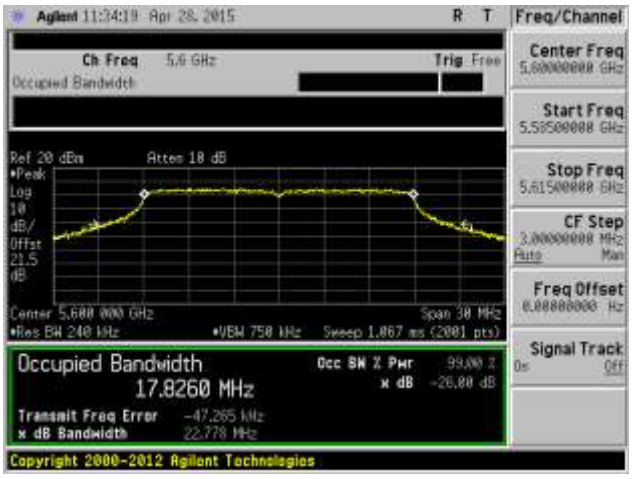
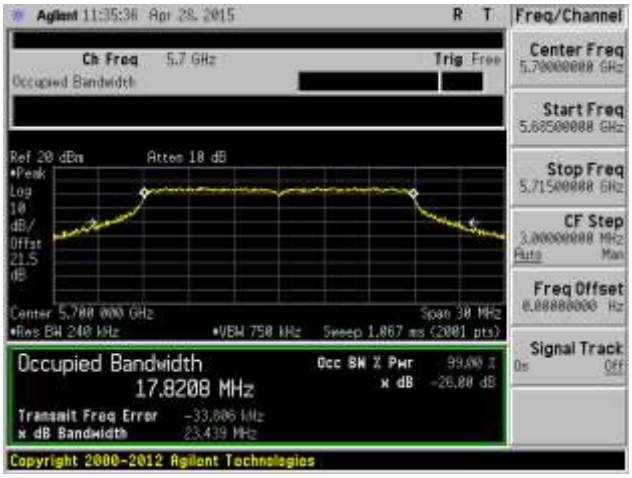
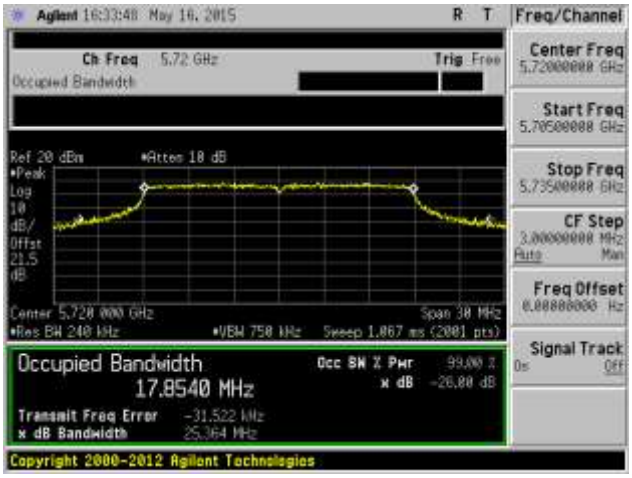
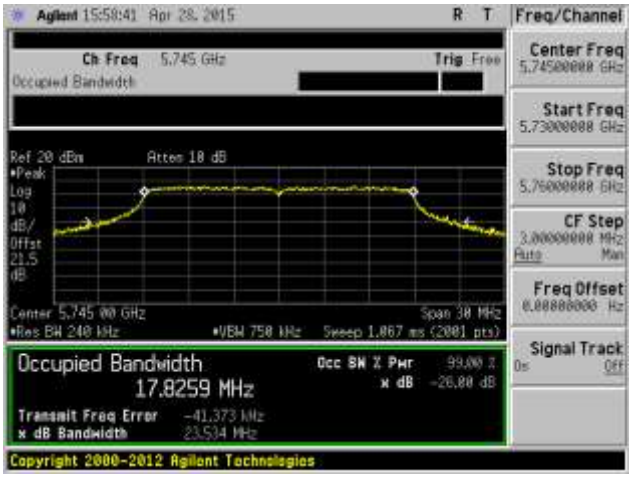
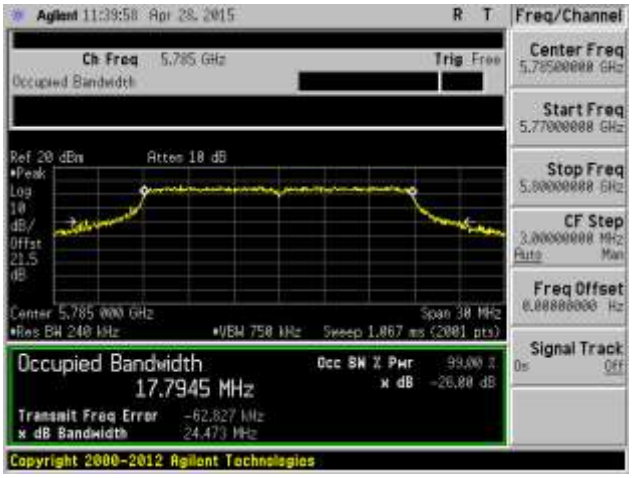


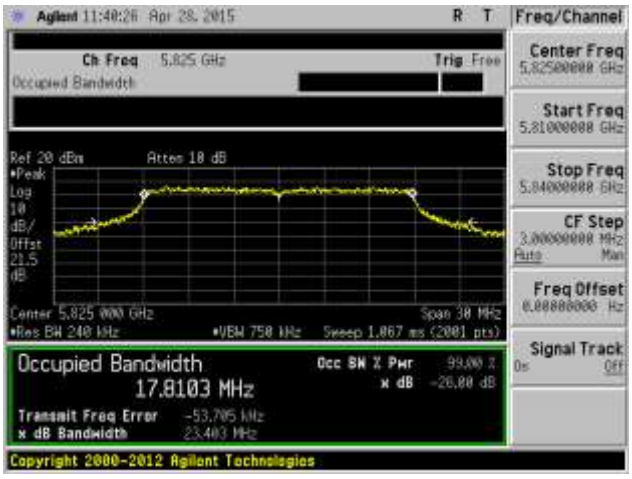
Channel 60 (5300MHz)



Channel 64 (5320MHz)

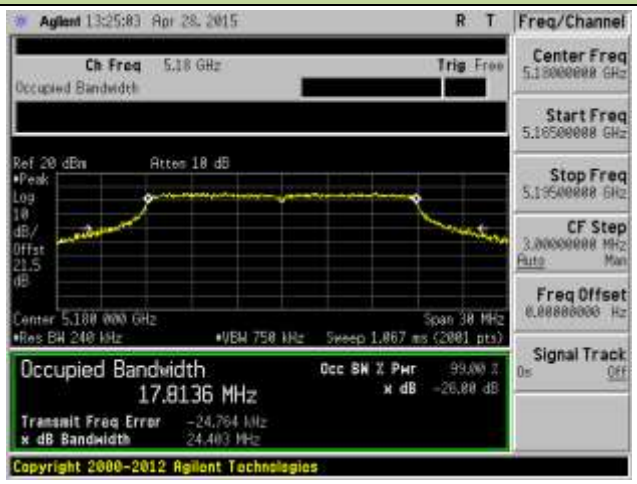


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

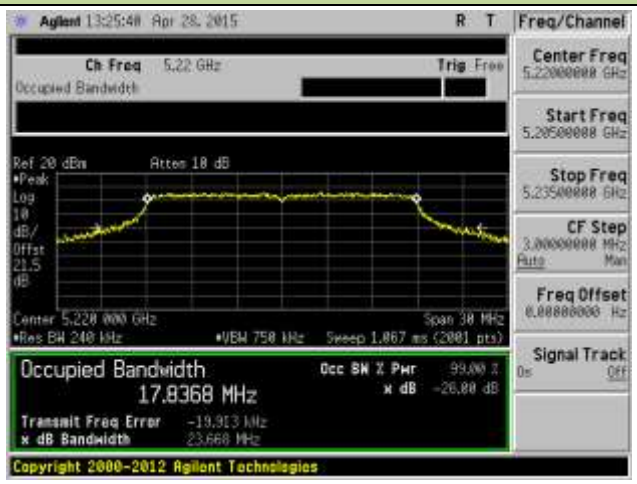
Channel 165 (5825MHz)	
	

802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 2

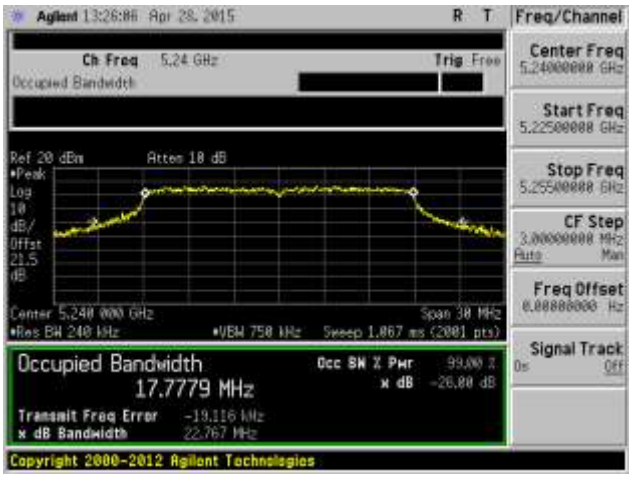
Channel 36 (5180MHz)



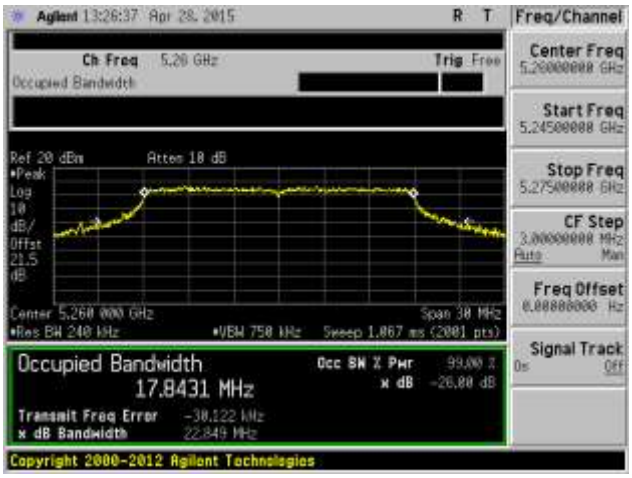
Channel 44 (5220MHz)



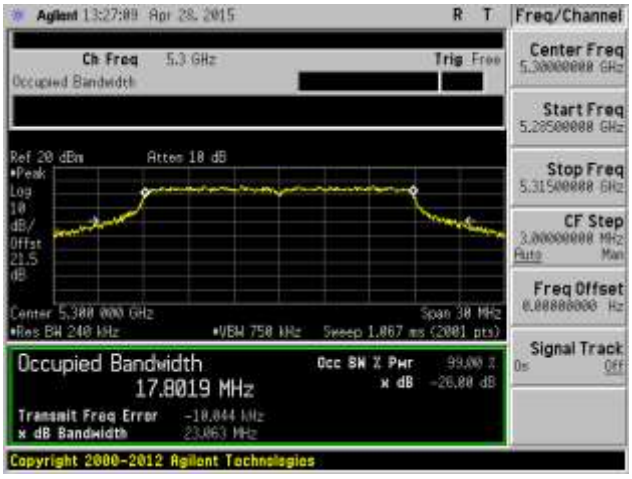
Channel 48 (5240MHz)



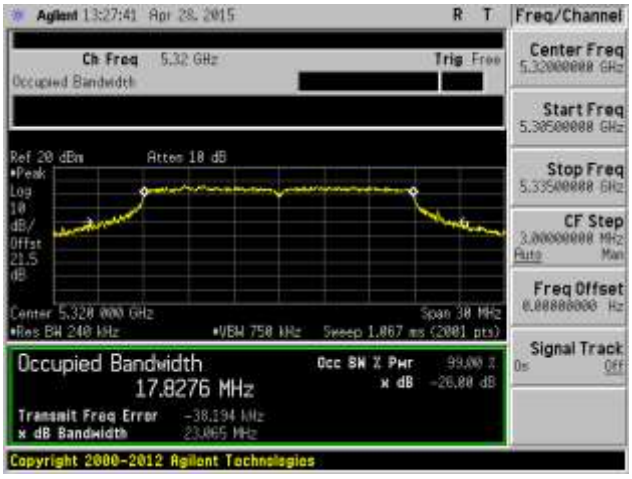
Channel 52 (5260MHz)

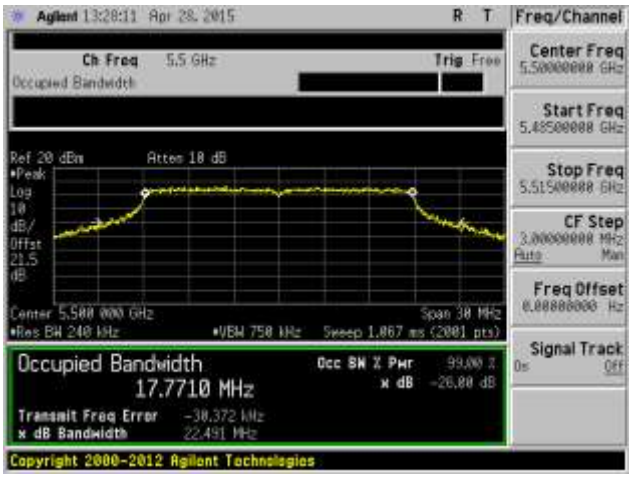
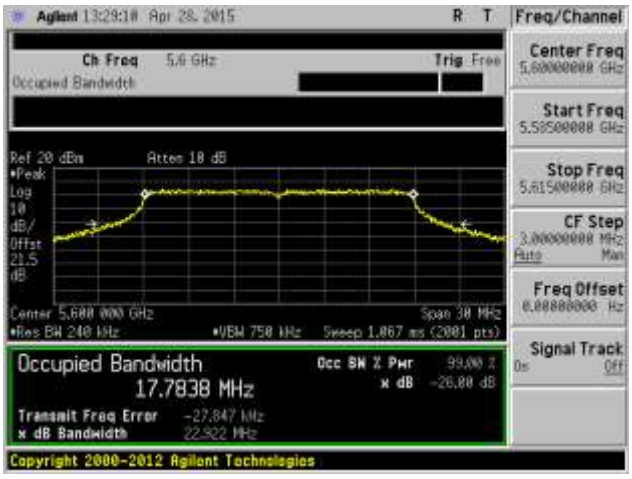
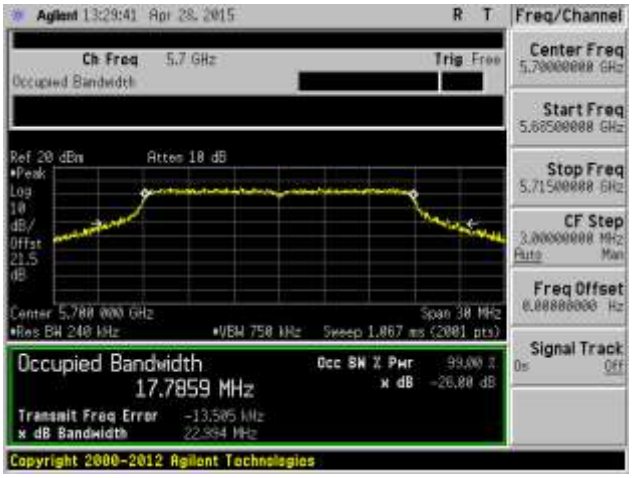
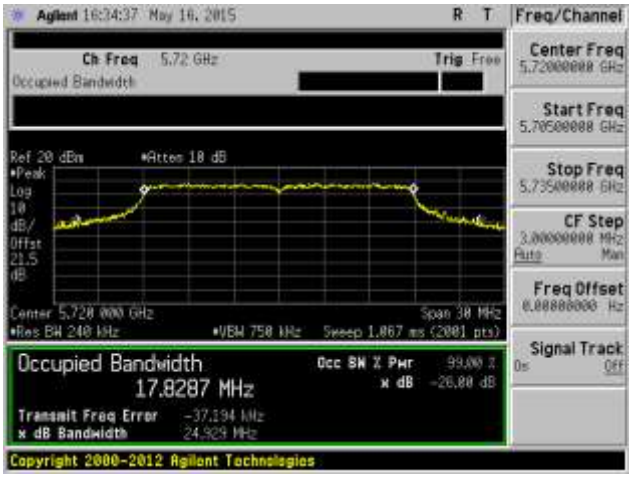
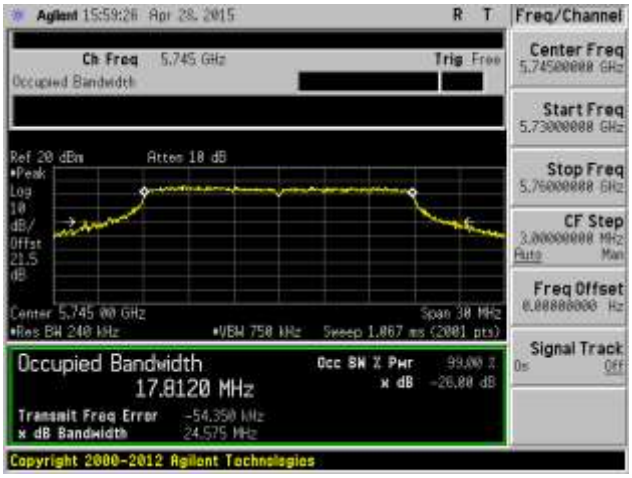
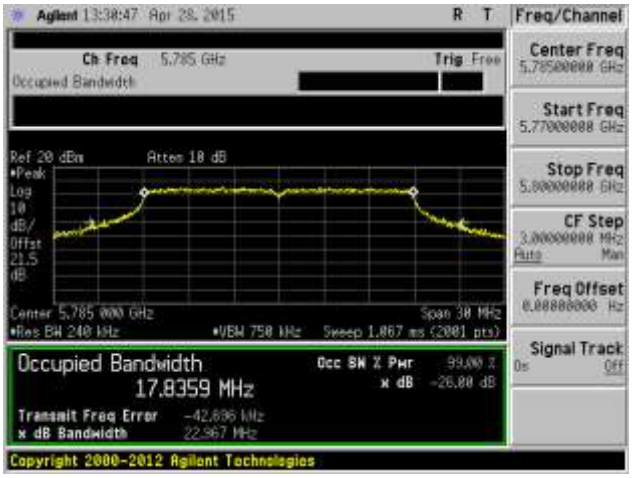


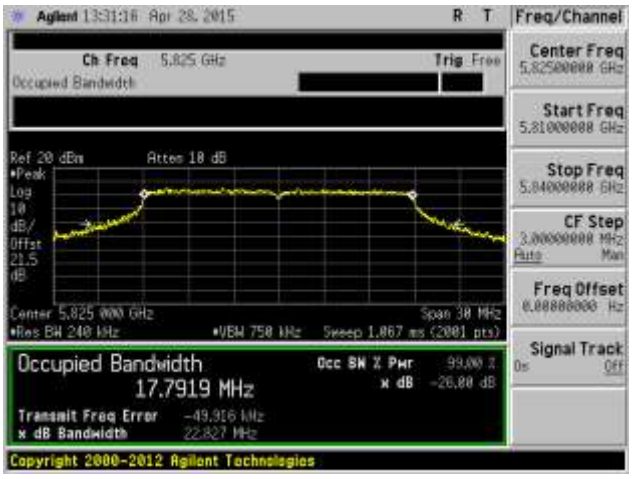
Channel 60 (5300MHz)



Channel 64 (5320MHz)

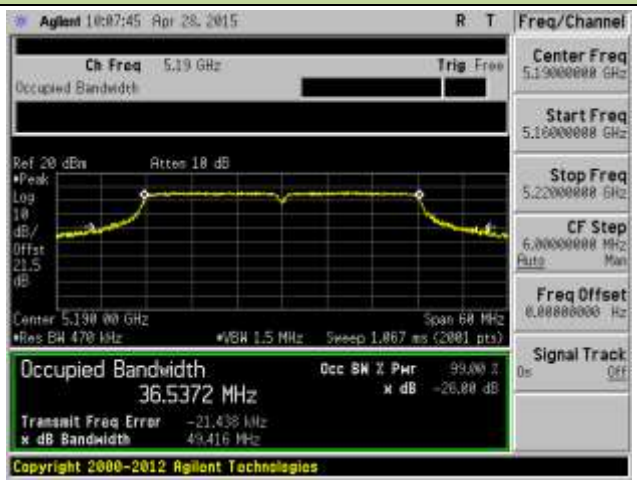


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

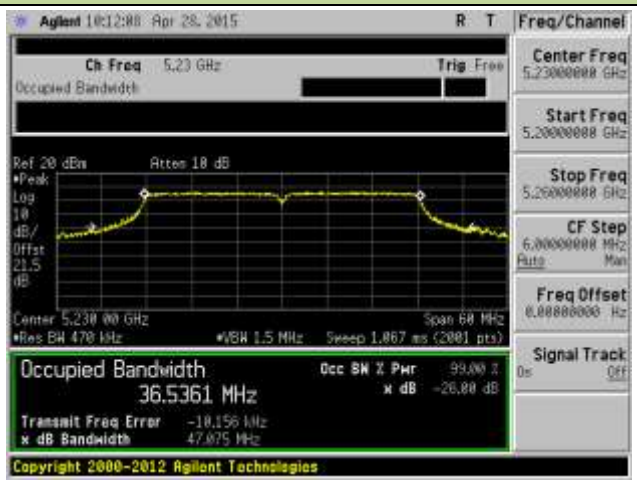
Channel 165 (5825MHz)	
	

802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 0

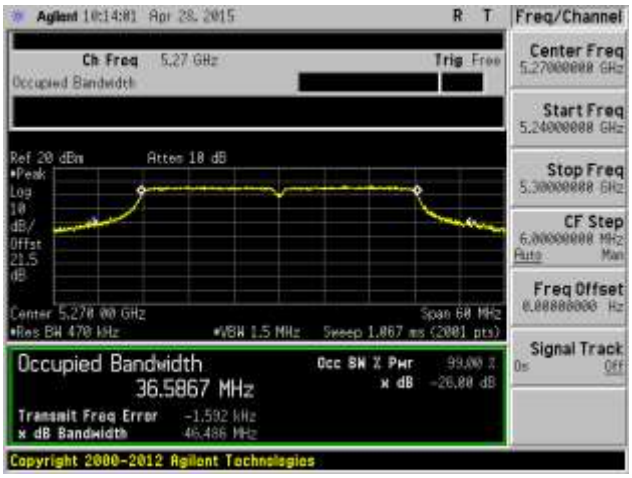
Channel 38 (5190MHz)



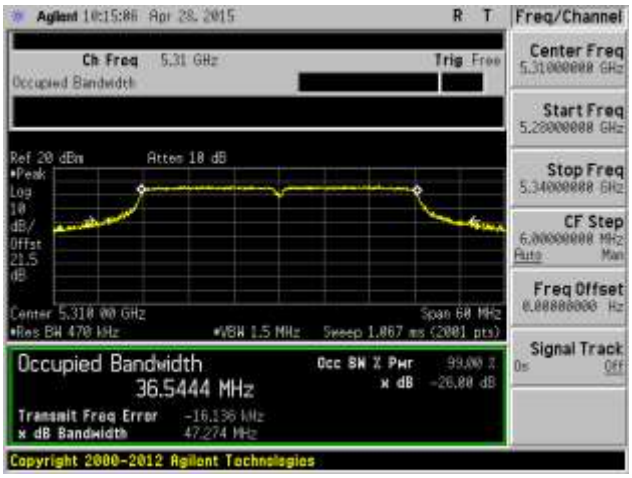
Channel 46 (5230MHz)



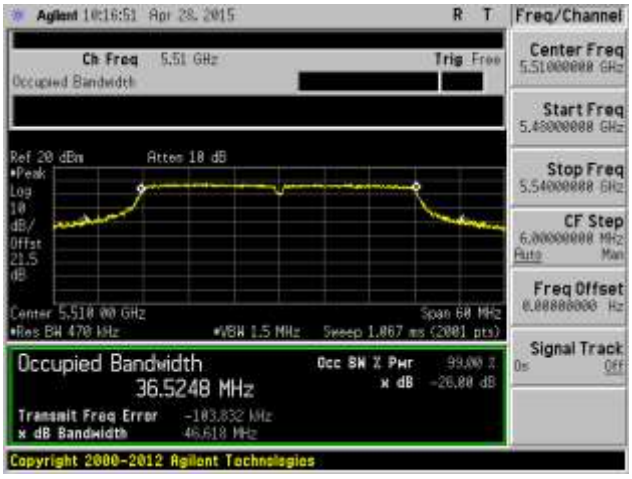
Channel 54 (5270MHz)



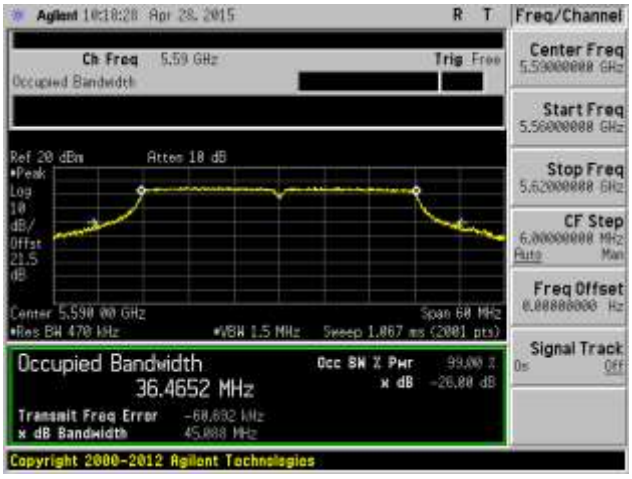
Channel 62 (5310MHz)

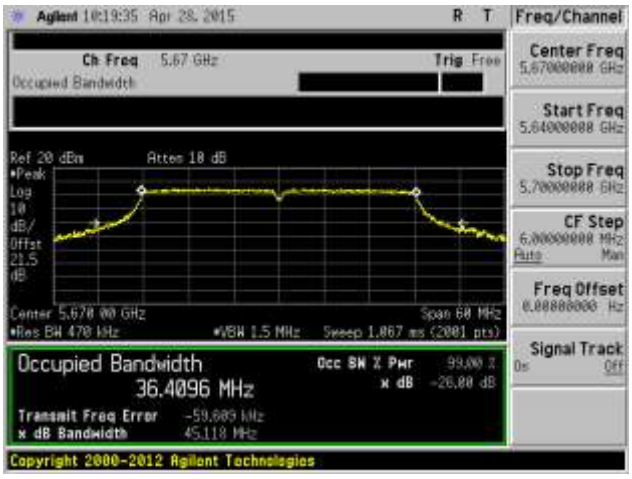
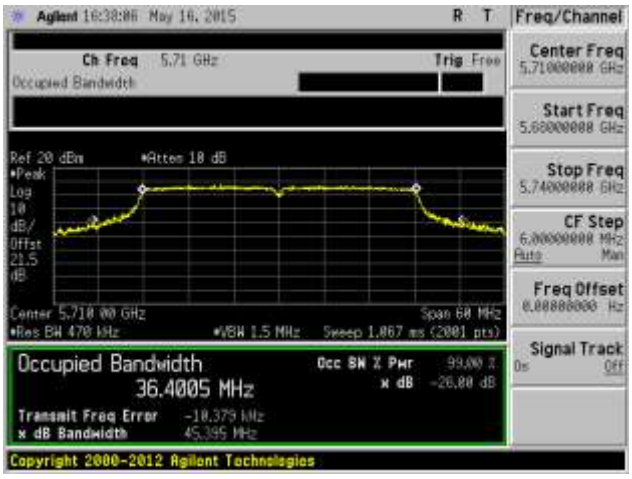
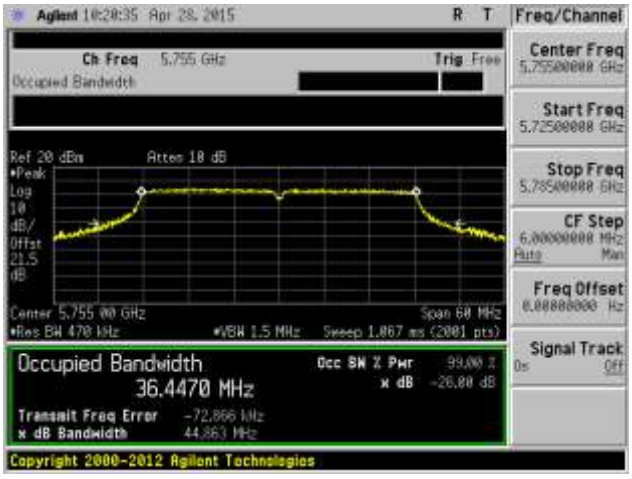
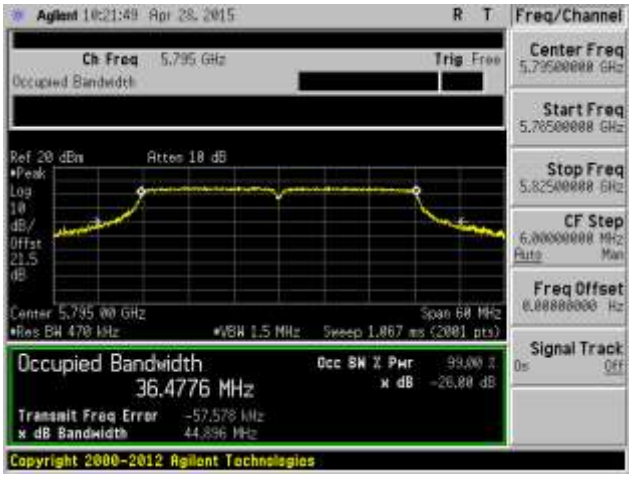


Channel 102 (5510MHz)



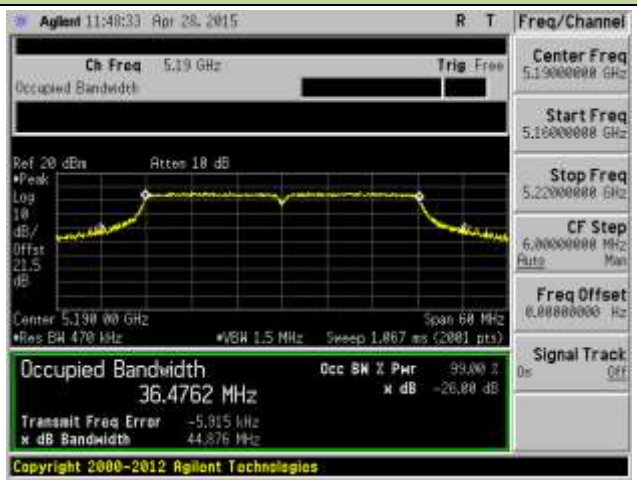
Channel 118 (5590MHz)



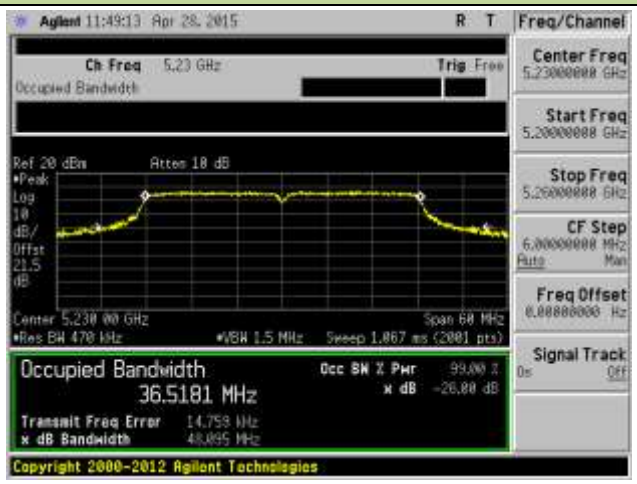
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 1

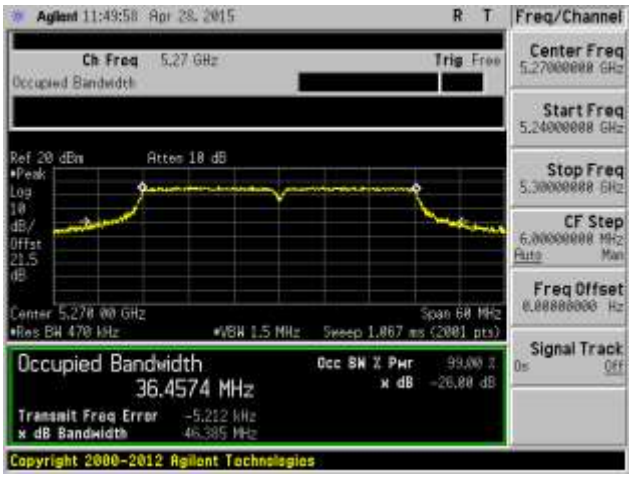
Channel 38 (5190MHz)



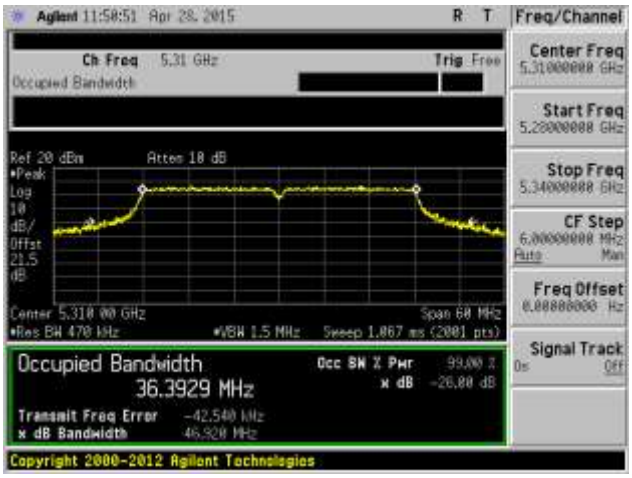
Channel 46 (5230MHz)



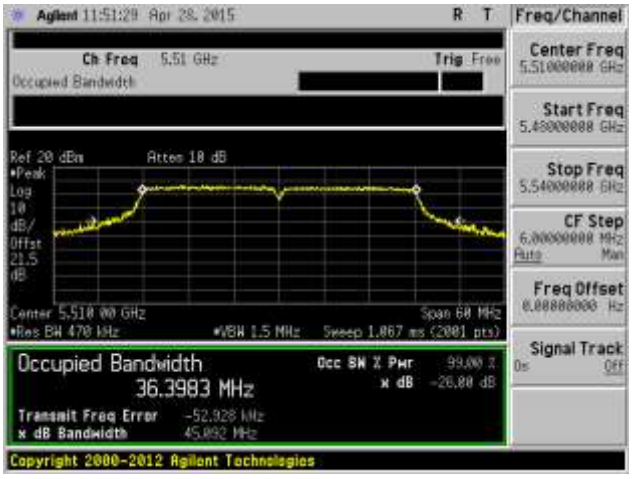
Channel 54 (5270MHz)



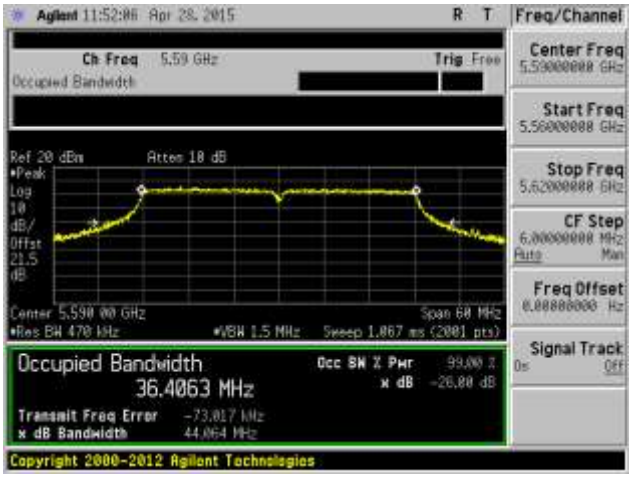
Channel 62 (5310MHz)

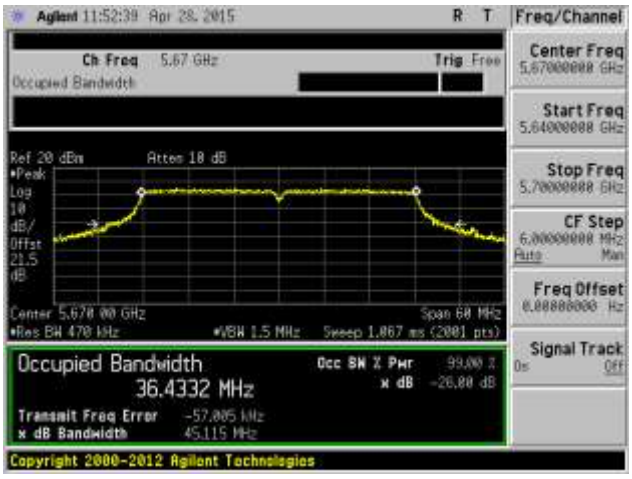
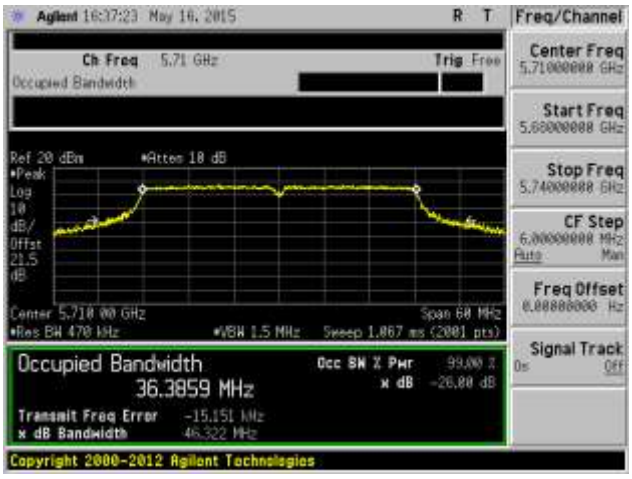
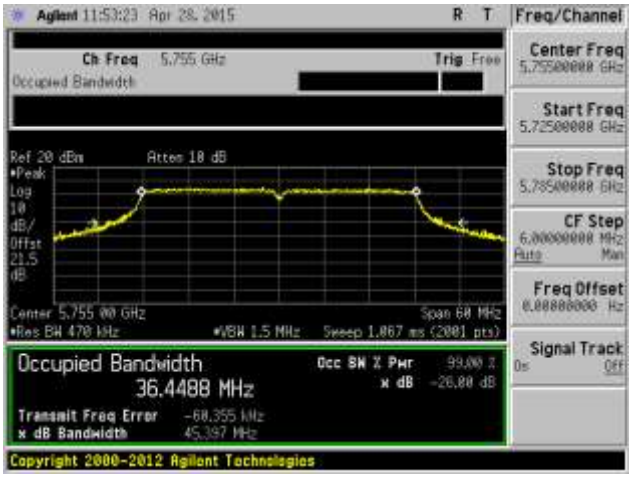
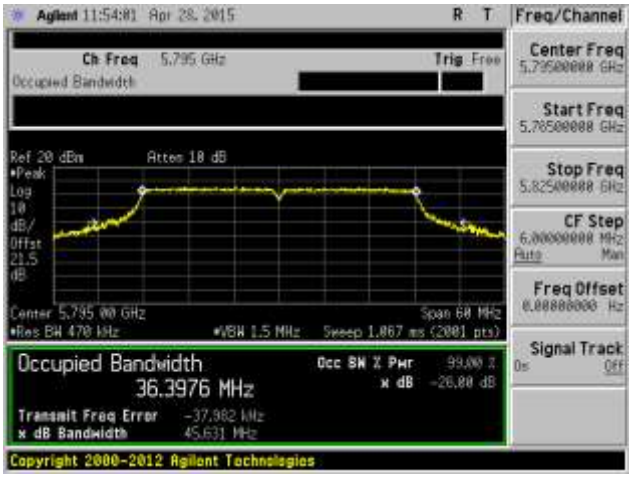


Channel 102 (5510MHz)



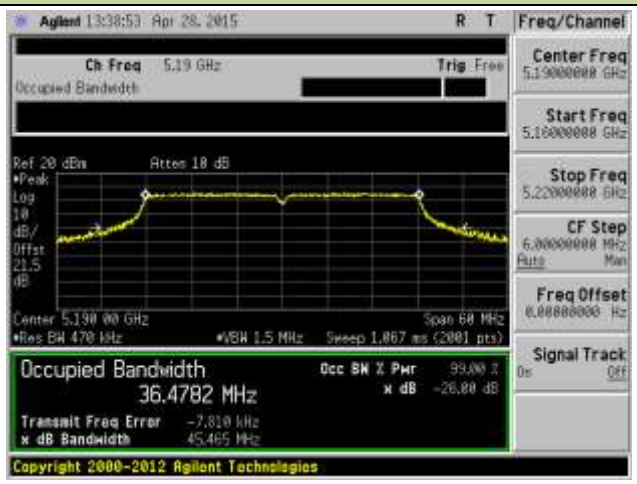
Channel 118 (5590MHz)



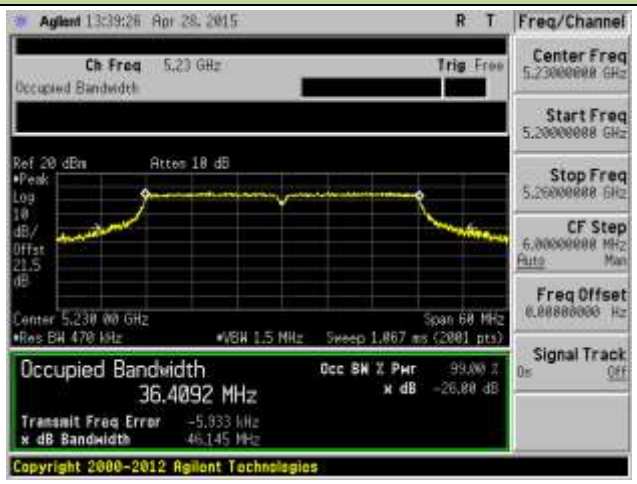
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159(5795MHz)**
	

802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 2

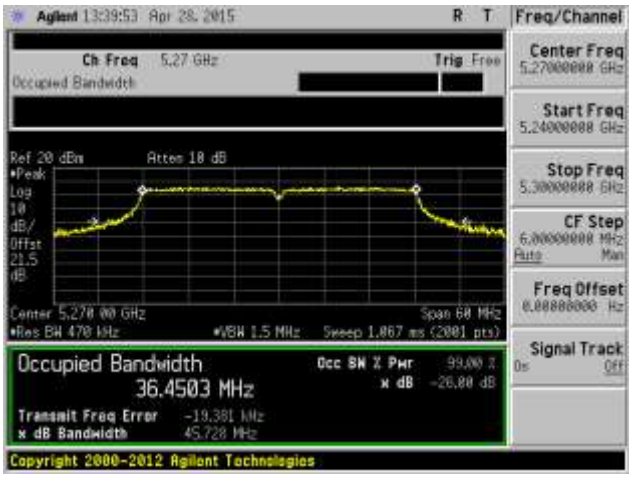
Channel 38 (5190MHz)



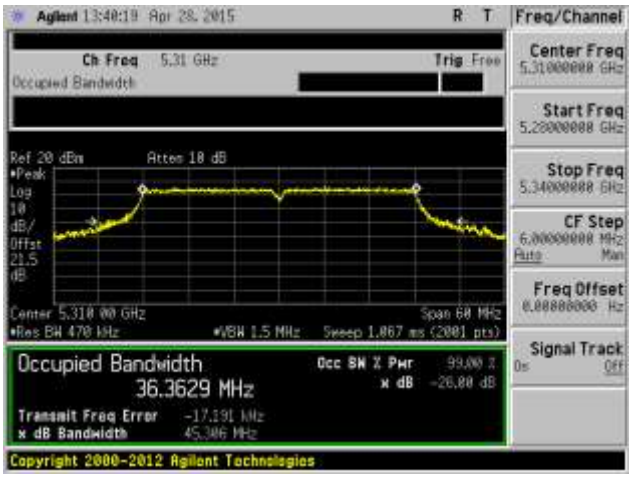
Channel 46 (5230MHz)



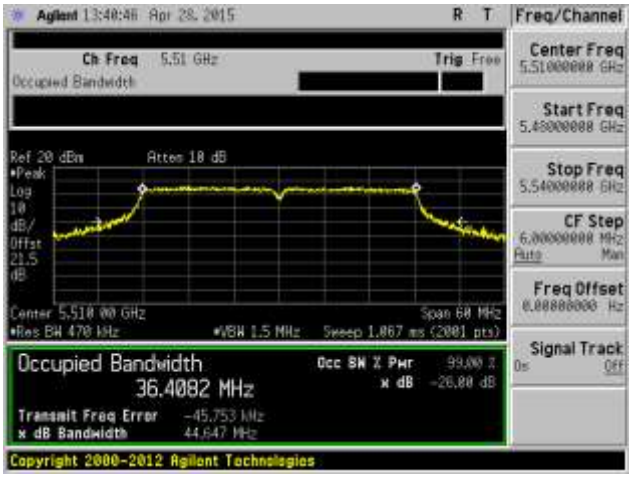
Channel 54 (5270MHz)



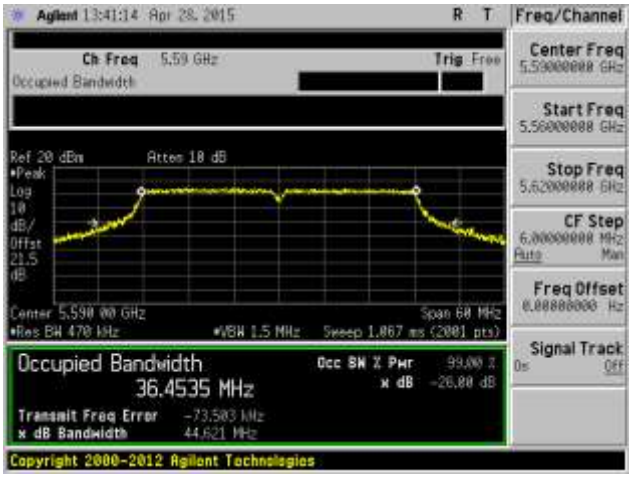
Channel 62 (5310MHz)

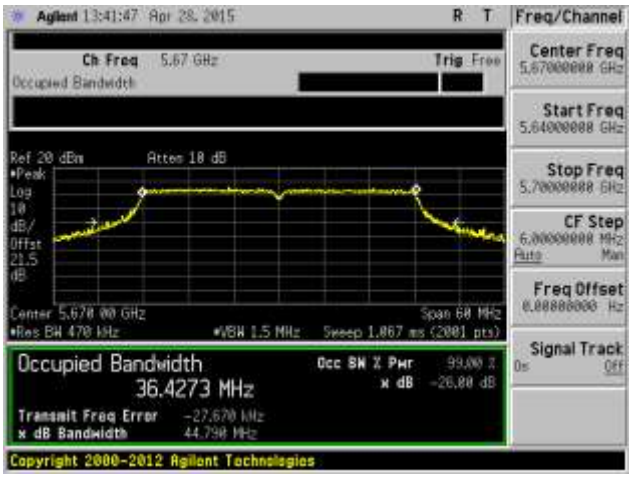
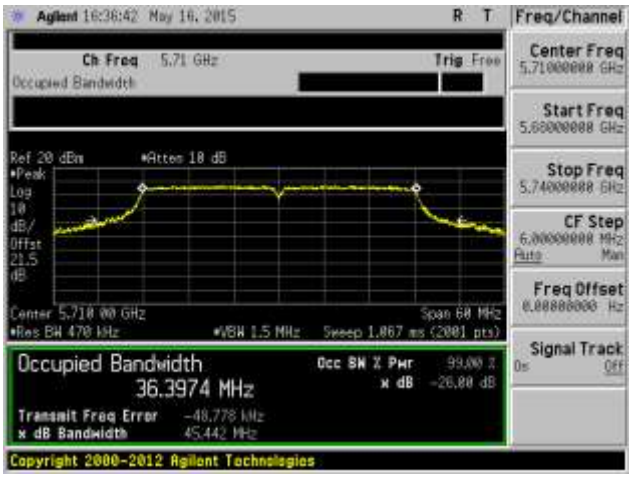
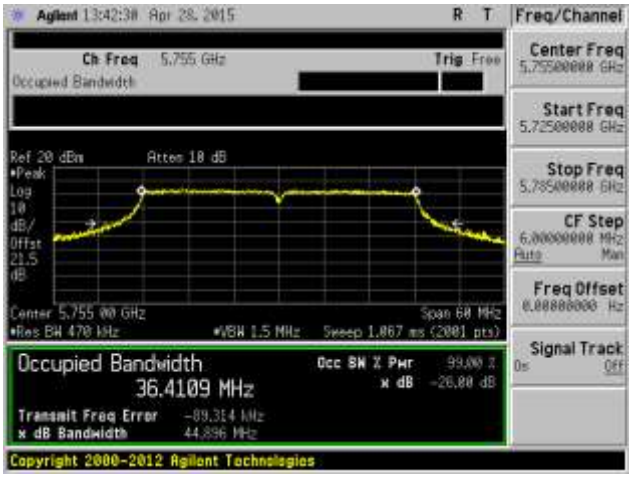
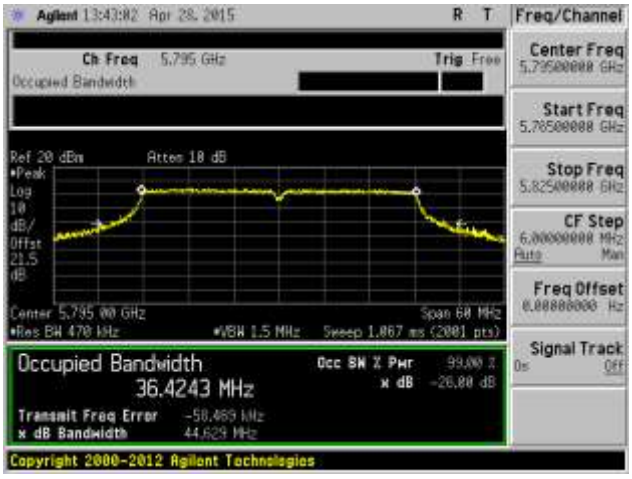


Channel 102 (5510MHz)



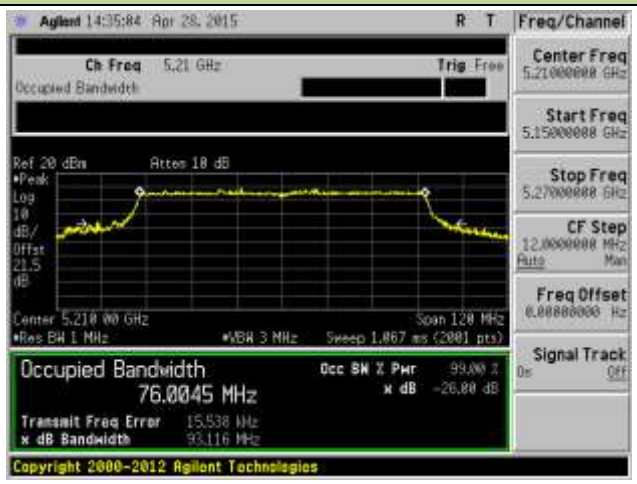
Channel 118 (5590MHz)



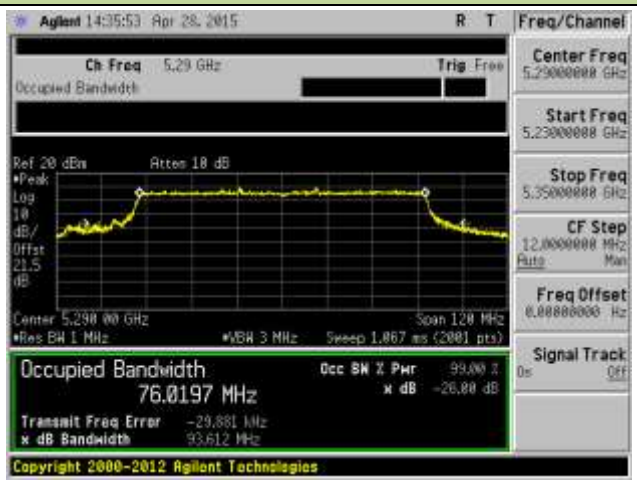
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159(5795MHz)**
	

802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 0

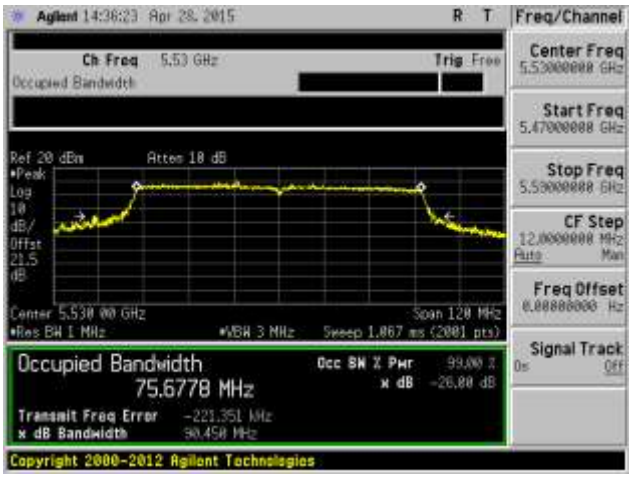
Channel 42 (5210MHz)



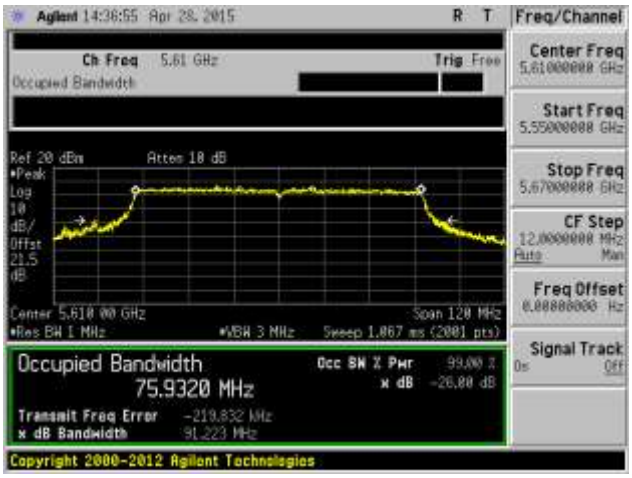
Channel 58 (5290MHz)



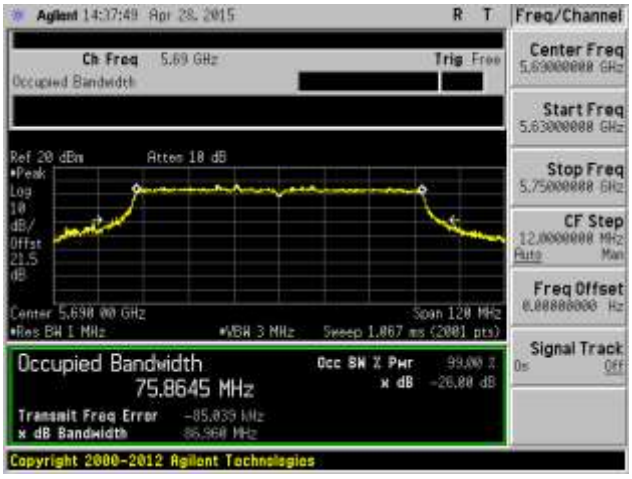
Channel 106 (5530MHz)



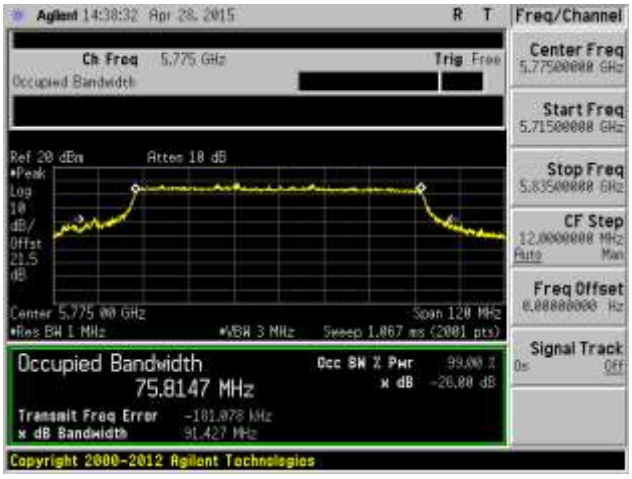
Channel 122 (5610MHz)



Channel 138 (5690MHz)

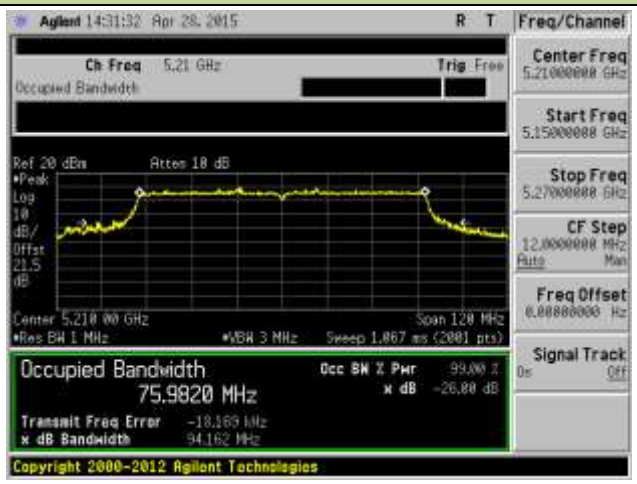


Channel 155 (5755MHz)

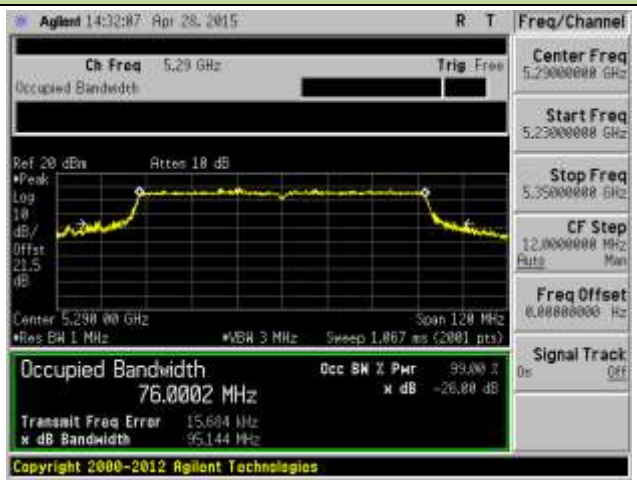


802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 1

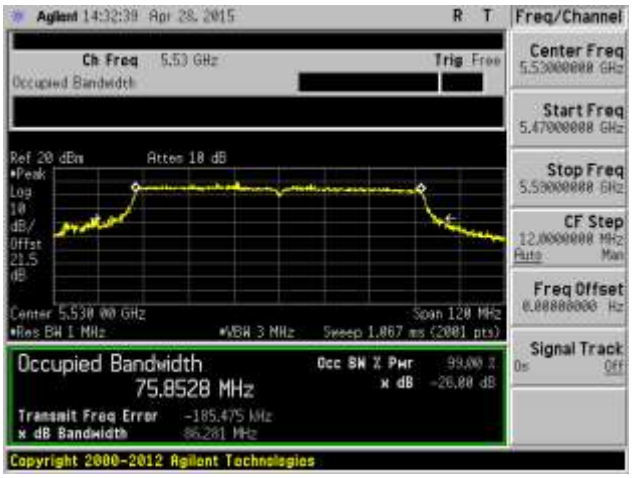
Channel 42 (5210MHz)



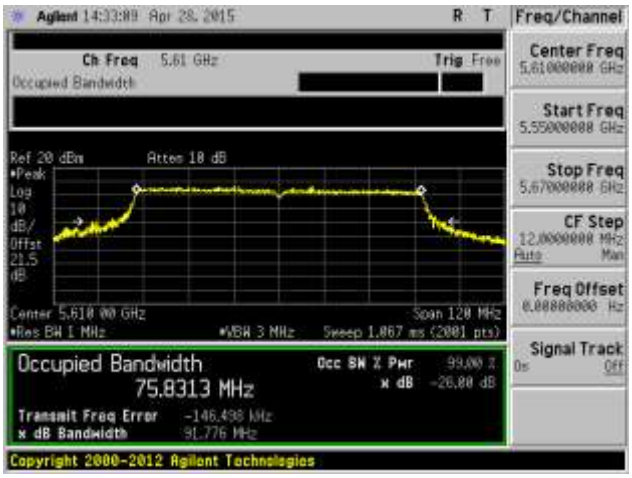
Channel 58 (5290MHz)



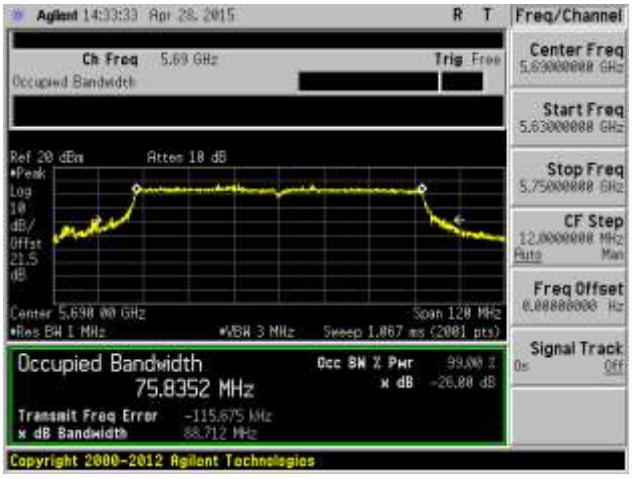
Channel 106 (5530MHz)



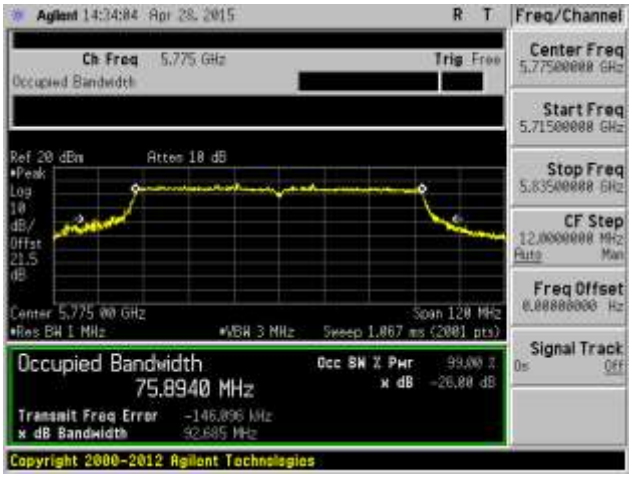
Channel 122 (5610MHz)



Channel 138 (5690MHz)

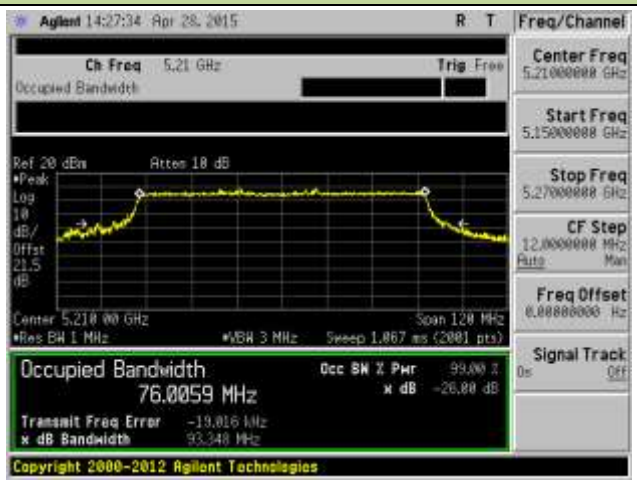


Channel 155 (5755MHz)

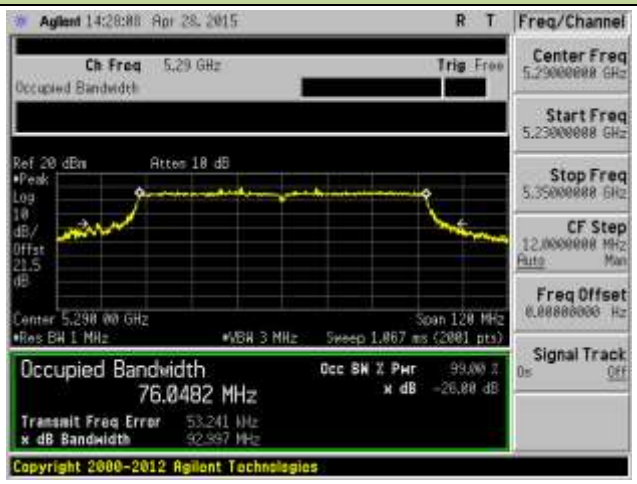


802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 2

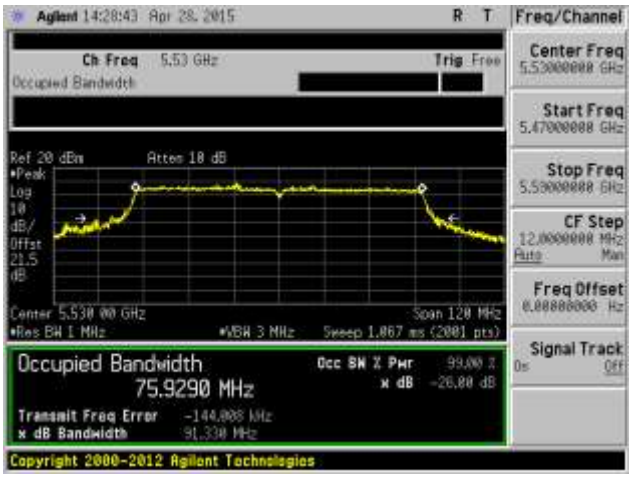
Channel 42 (5210MHz)



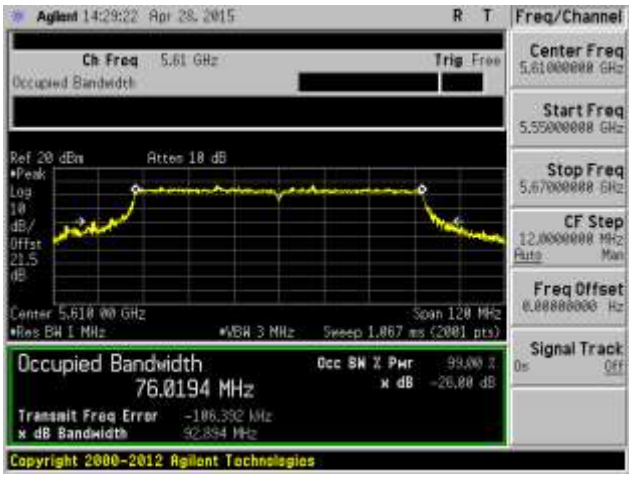
Channel 58 (5290MHz)



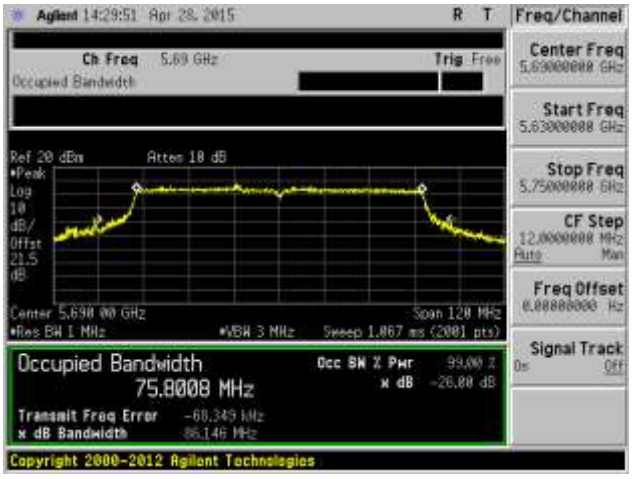
Channel 106 (5530MHz)



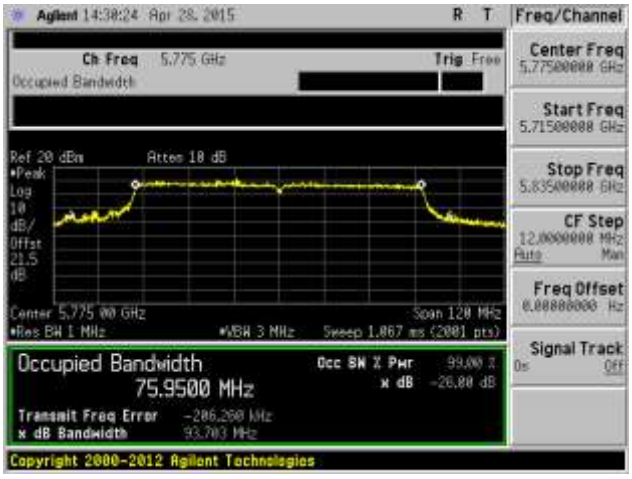
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5755MHz)



7.3. 6dB Bandwidth Measurement

7.3.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

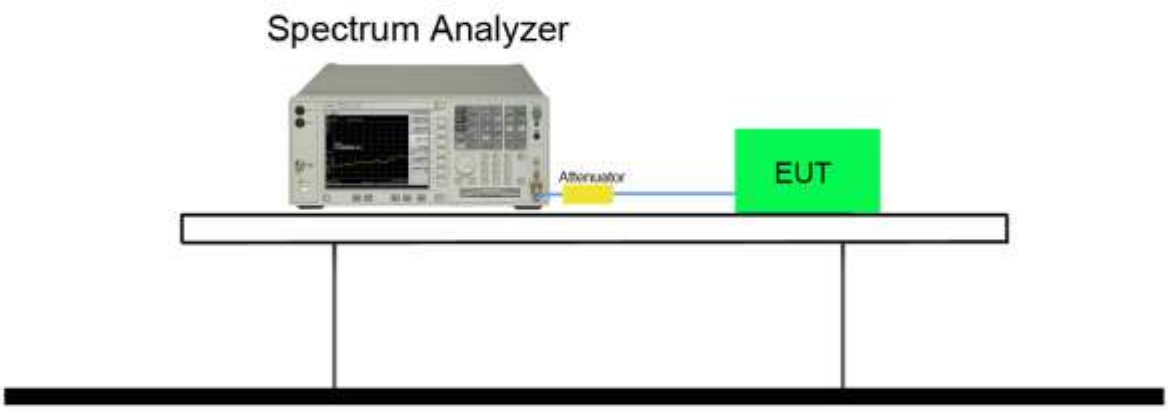
7.3.2. Test Procedure used

KDB 789033 D02v01 – Section C.2

7.3.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 100 kHz.
3. VBW ≧ 3 × RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.3.4. Test Setup



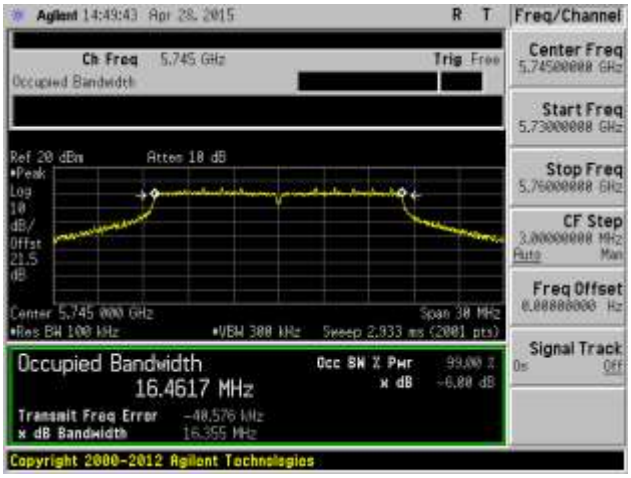
7.3.5. Test Result

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0						
802.11a	6	149	5745	16.36	≥0.5	Pass
802.11a	6	157	5785	16.34	≥0.5	Pass
802.11a	6	165	5825	16.44	≥0.5	Pass
802.11n-HT20	13	149	5745	17.56	≥0.5	Pass
802.11n-HT20	13	157	5785	17.57	≥0.5	Pass
802.11n-HT20	13	165	5825	17.32	≥0.5	Pass
802.11n-HT40	27	151	5755	36.32	≥0.5	Pass
802.11n-HT40	27	159	5795	36.08	≥0.5	Pass
802.11ac-VHT20	13	149	5745	17.30	≥0.5	Pass
802.11ac-VHT20	13	157	5785	17.59	≥0.5	Pass
802.11ac-VHT20	13	165	5825	17.36	≥0.5	Pass
802.11ac-VHT40	27	151	5755	36.02	≥0.5	Pass
802.11ac-VHT40	27	159	5795	36.29	≥0.5	Pass
802.11ac-VHT80	58.6	155	5775	72.91	≥0.5	Pass
Ant 1						
802.11a	6	149	5745	16.38	≥0.5	Pass
802.11a	6	157	5785	16.36	≥0.5	Pass
802.11a	6	165	5825	16.34	≥0.5	Pass
802.11n-HT20	13	149	5745	17.57	≥0.5	Pass
802.11n-HT20	13	157	5785	17.33	≥0.5	Pass
802.11n-HT20	13	165	5825	17.60	≥0.5	Pass
802.11n-HT40	27	151	5755	35.77	≥0.5	Pass
802.11n-HT40	27	159	5795	36.02	≥0.5	Pass
802.11ac-VHT20	13	149	5745	17.56	≥0.5	Pass
802.11ac-VHT20	13	157	5785	17.61	≥0.5	Pass
802.11ac-VHT20	13	165	5825	17.60	≥0.5	Pass
802.11ac-VHT40	27	151	5755	36.06	≥0.5	Pass
802.11ac-VHT40	27	159	5795	36.27	≥0.5	Pass
802.11ac-VHT80	58.6	155	5775	76.08	≥0.5	Pass

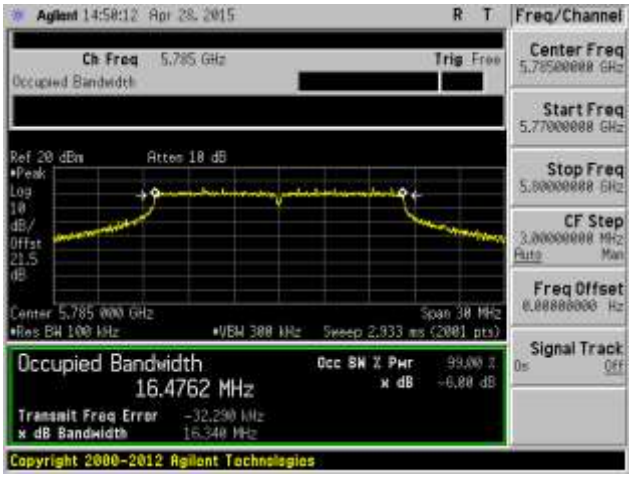
Ant 2						
802.11a	6	149	5745	16.34	≥0.5	Pass
802.11a	6	157	5785	16.35	≥0.5	Pass
802.11a	6	165	5825	16.35	≥0.5	Pass
802.11n-HT20	13	149	5745	17.30	≥0.5	Pass
802.11n-HT20	13	157	5785	17.58	≥0.5	Pass
802.11n-HT20	13	165	5825	17.33	≥0.5	Pass
802.11n-HT40	27	151	5755	35.75	≥0.5	Pass
802.11n-HT40	27	159	5795	35.70	≥0.5	Pass
802.11ac-VHT20	13	149	5745	17.58	≥0.5	Pass
802.11ac-VHT20	13	157	5785	17.57	≥0.5	Pass
802.11ac-VHT20	13	165	5825	17.61	≥0.5	Pass
802.11ac-VHT40	27	151	5755	35.71	≥0.5	Pass
802.11ac-VHT40	27	159	5795	36.34	≥0.5	Pass
802.11ac-VHT80	58.6	155	5775	74.54	≥0.5	Pass

802.11a 6dB Bandwidth - Ant 0

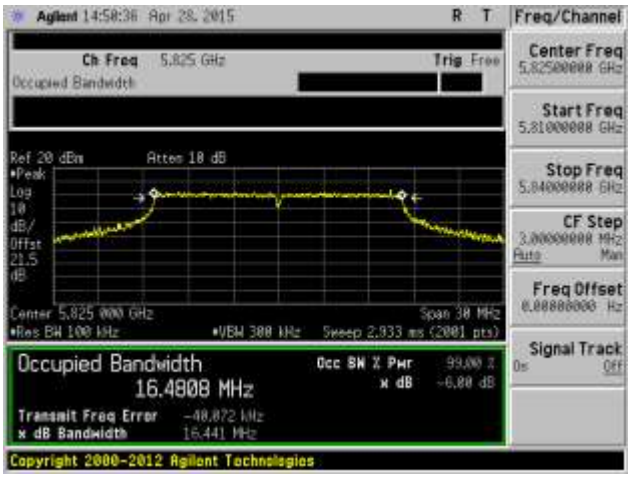
Channel 149 (5745MHz)



Channel 157 (5785MHz)

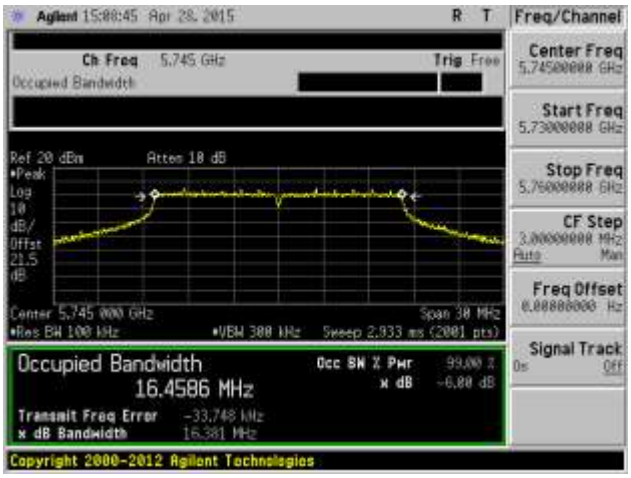


Channel 165 (5825MHz)

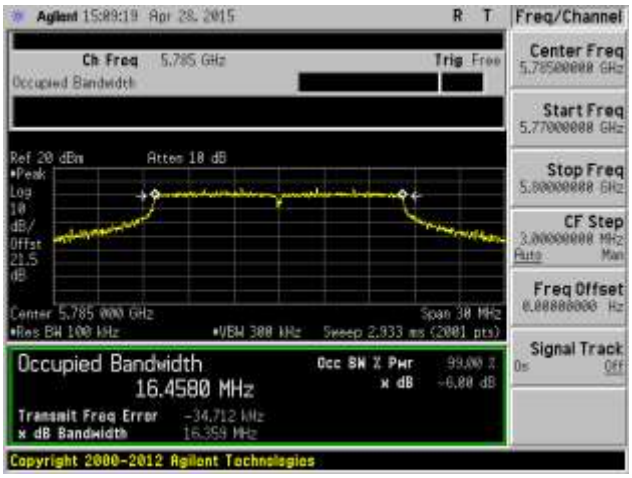


802.11a 6dB Bandwidth - Ant 1

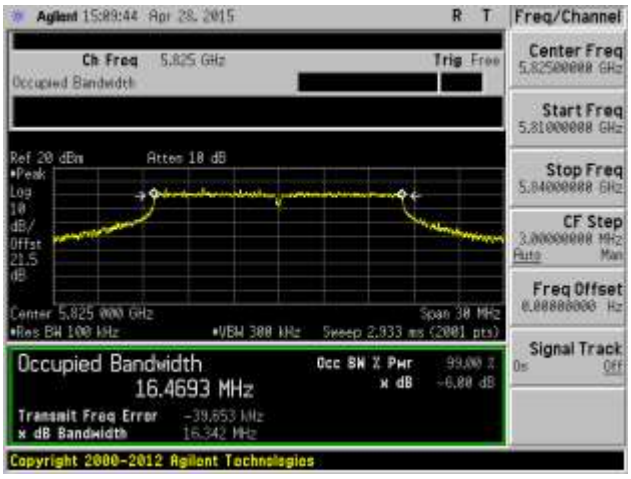
Channel 149 (5745MHz)



Channel 157 (5785MHz)

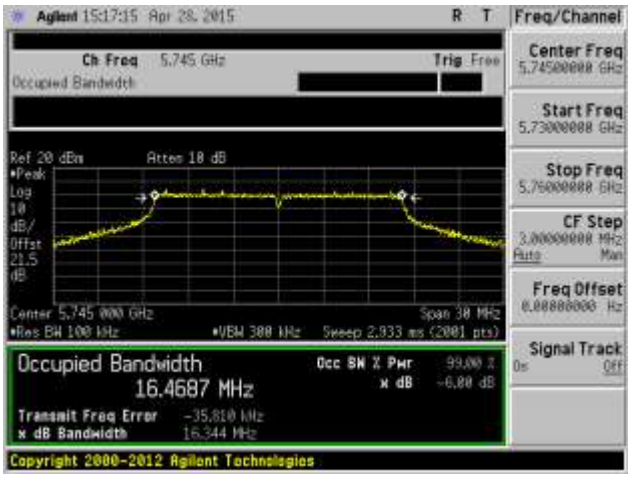


Channel 165 (5825MHz)

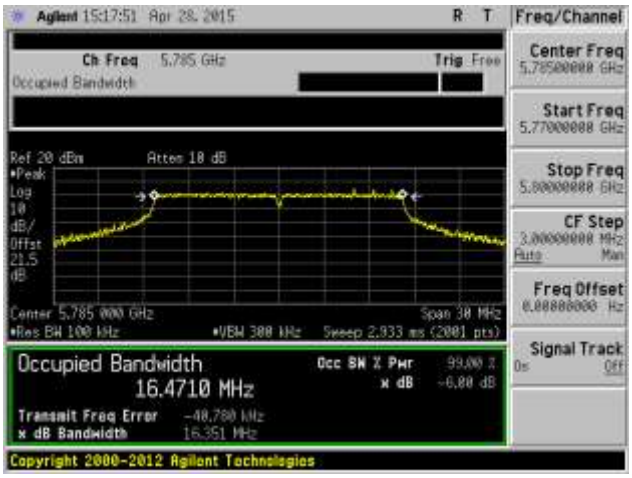


802.11a 6dB Bandwidth - Ant 2

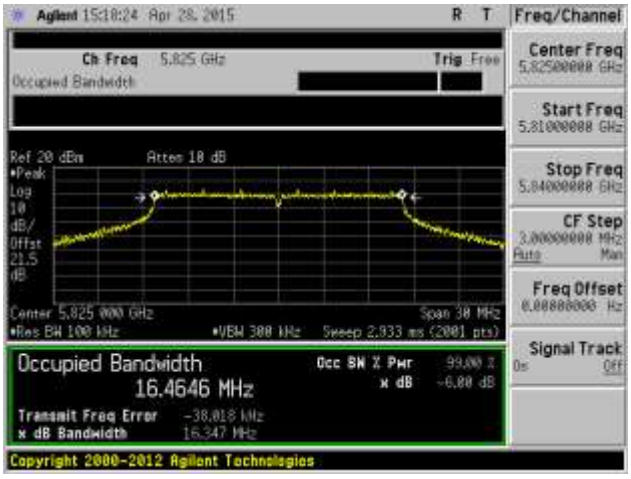
Channel 149 (5745MHz)



Channel 157 (5785MHz)

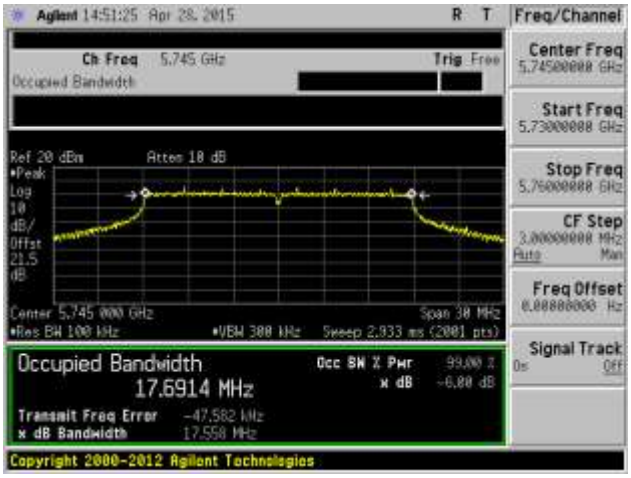


Channel 165 (5825MHz)

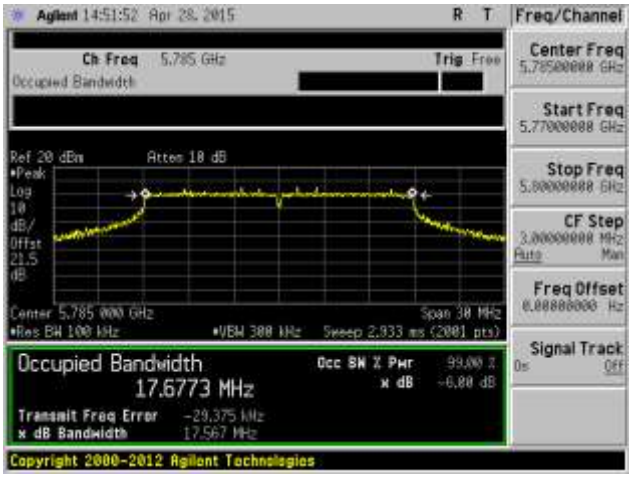


802.11n-HT20 6dB Bandwidth - Ant 0

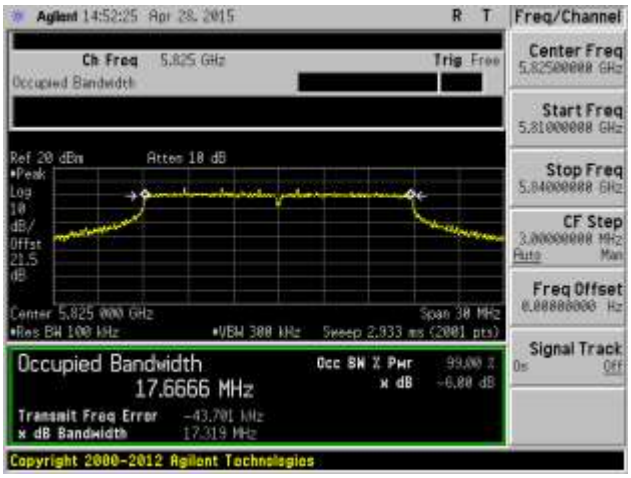
Channel 149 (5745MHz)



Channel 157 (5785MHz)

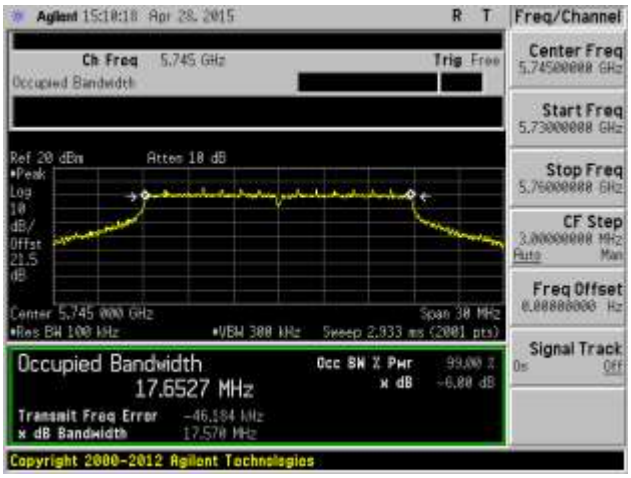


Channel 165 (5825MHz)

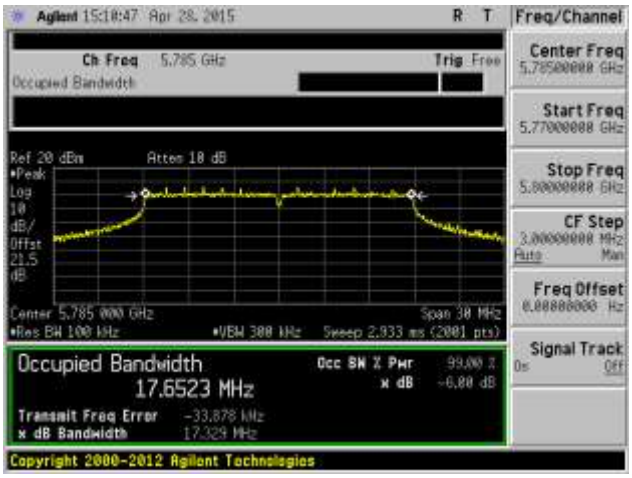


802.11n-HT20 6dB Bandwidth - Ant 1

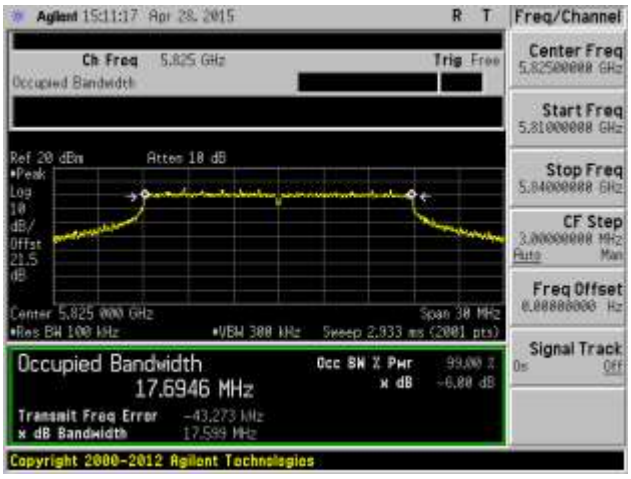
Channel 149 (5745MHz)



Channel 157 (5785MHz)

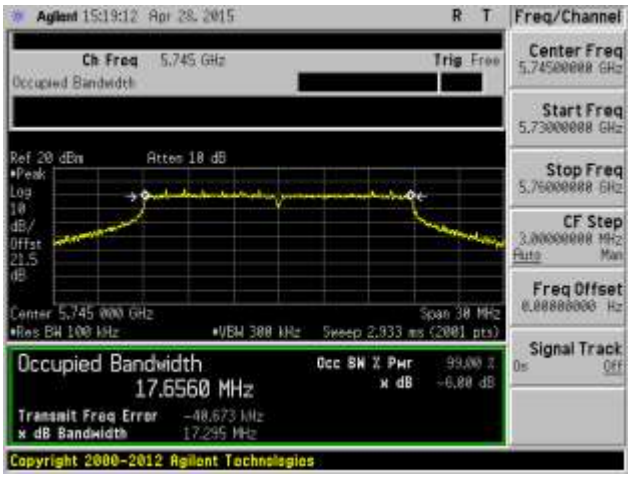


Channel 165 (5825MHz)

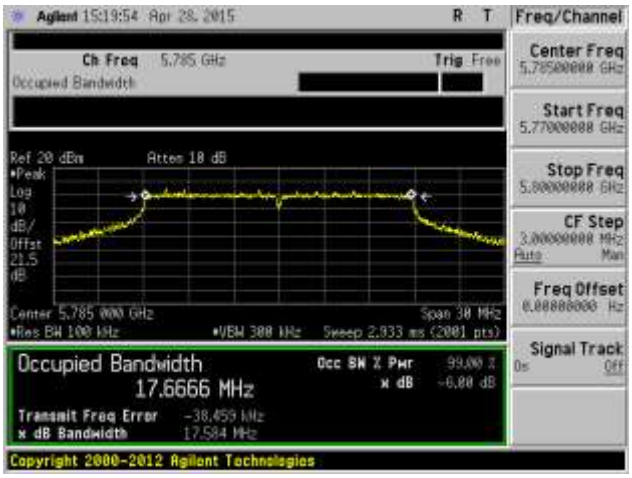


802.11n-HT20 6dB Bandwidth - Ant 2

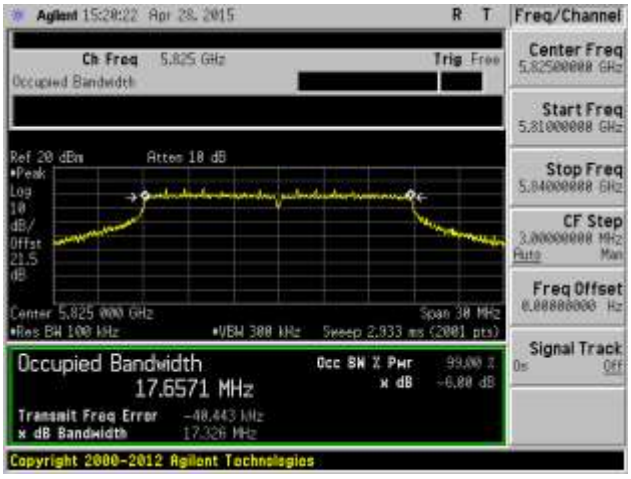
Channel 149 (5745MHz)



Channel 157 (5785MHz)

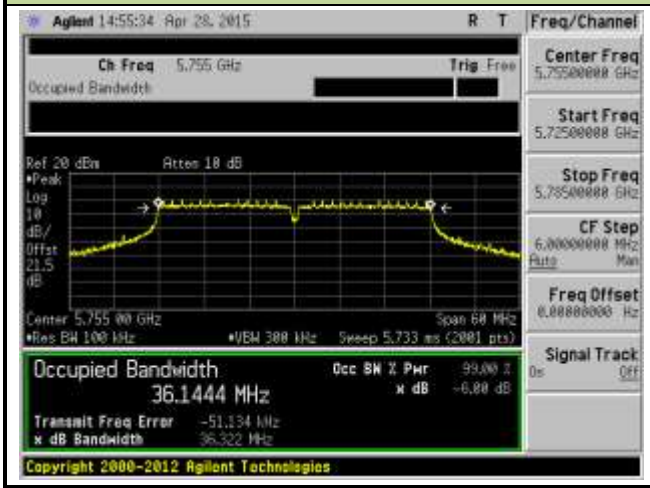


Channel 165 (5825MHz)

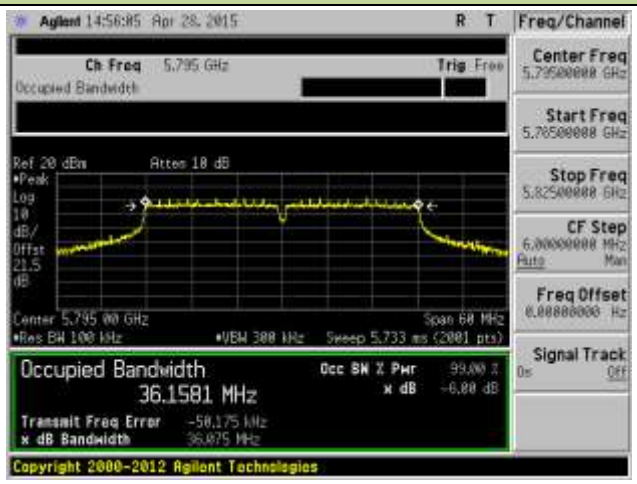


802.11n-HT40 6dB Bandwidth - Ant 0

Channel 151 (5755MHz)

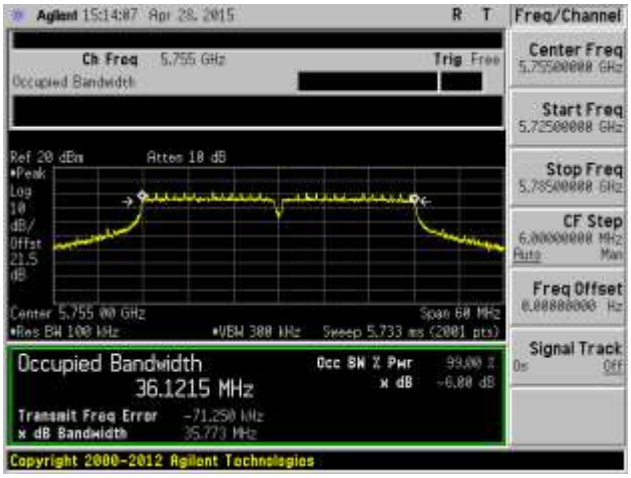


Channel 159 (5795MHz)

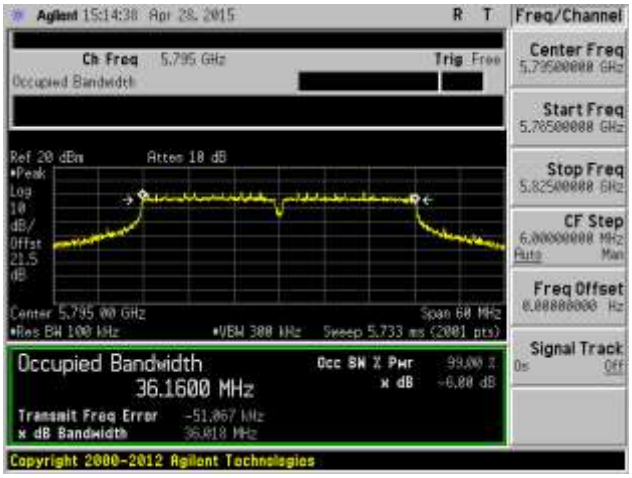


802.11n-HT40 6dB Bandwidth - Ant 1

Channel 151 (5755MHz)

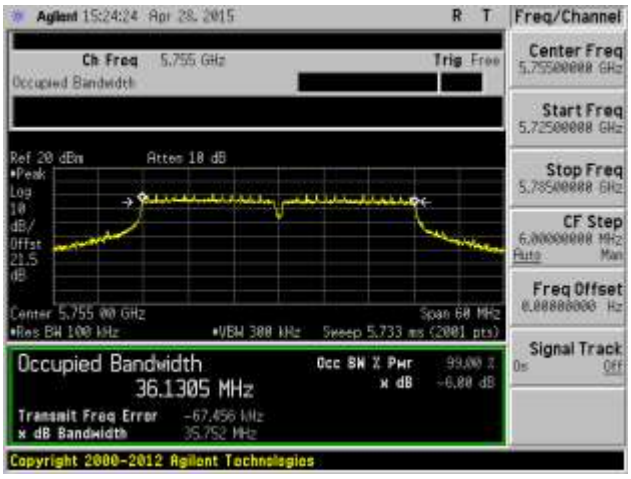


Channel 159 (5795MHz)

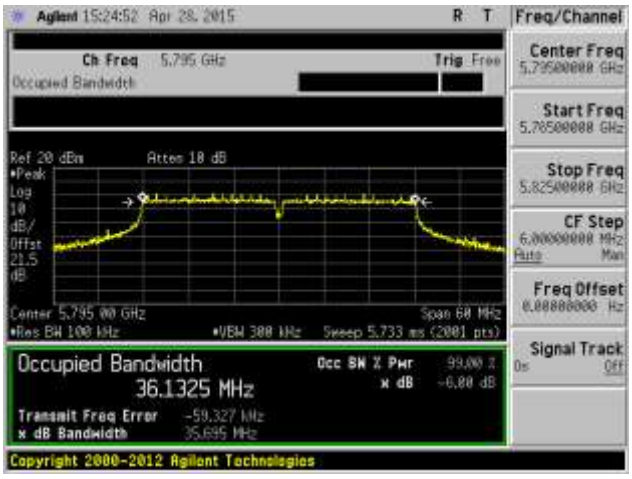


802.11n-HT40 6dB Bandwidth - Ant 2

Channel 151 (5755MHz)

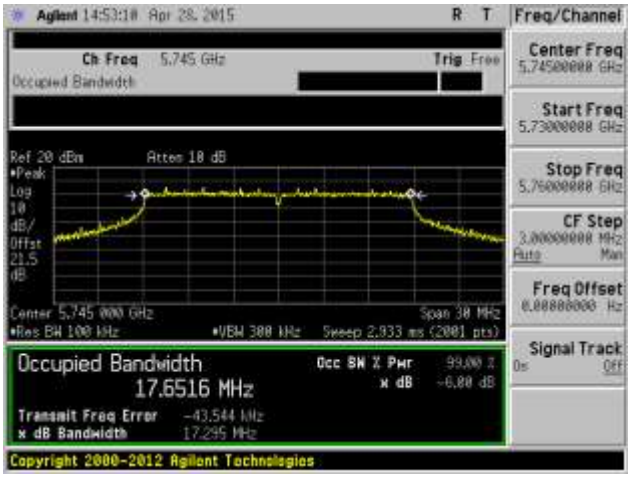


Channel 159 (5795MHz)

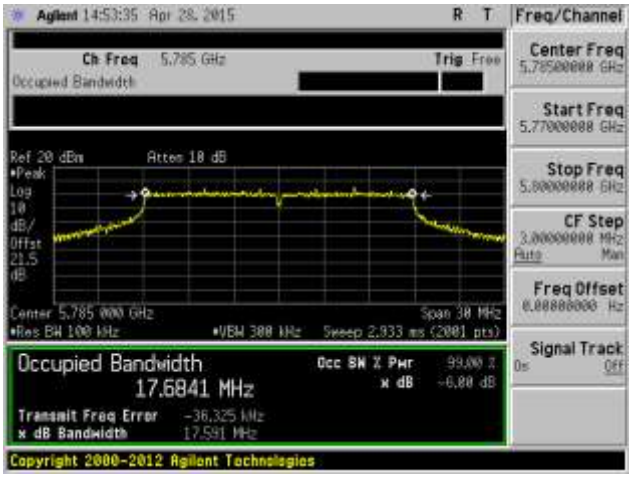


802.11ac-VHT20 6dB Bandwidth - Ant 0

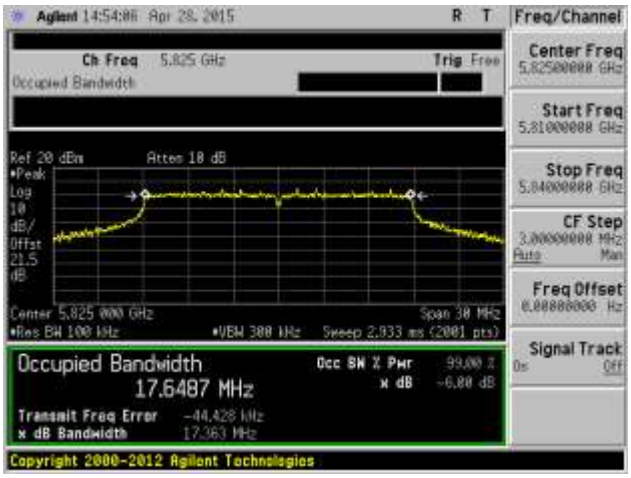
Channel 149 (5745MHz)



Channel 157 (5785MHz)

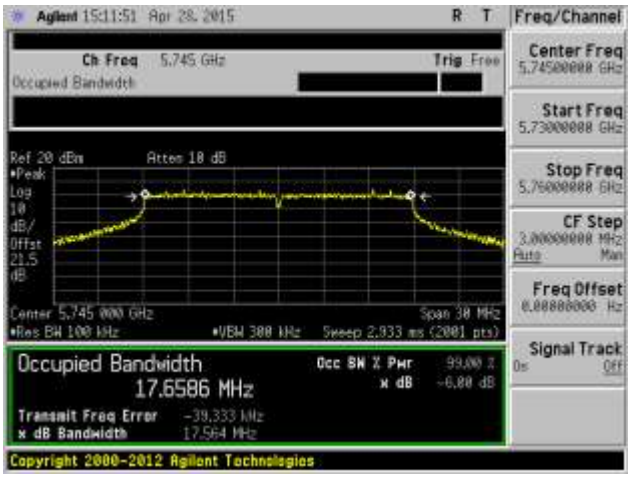


Channel 165 (5825MHz)

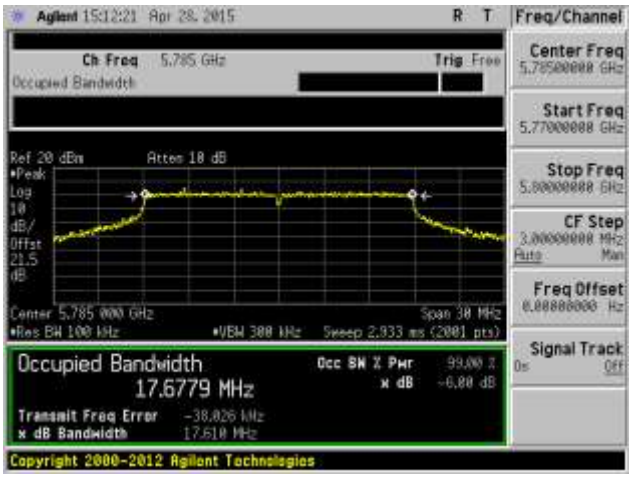


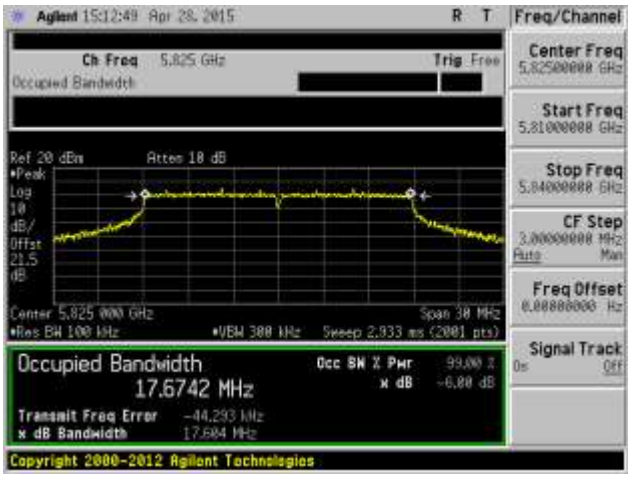
802.11ac-VHT20 6dB Bandwidth - Ant 1

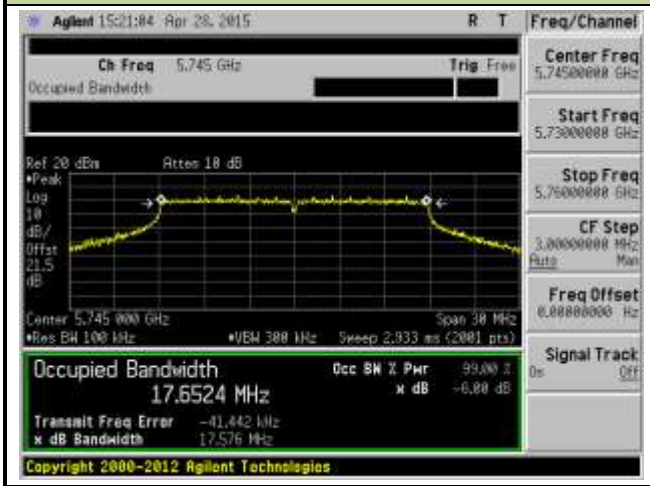
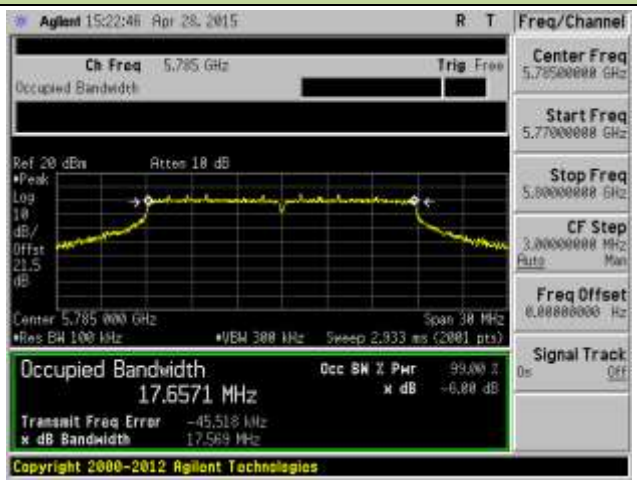
Channel 149 (5745MHz)

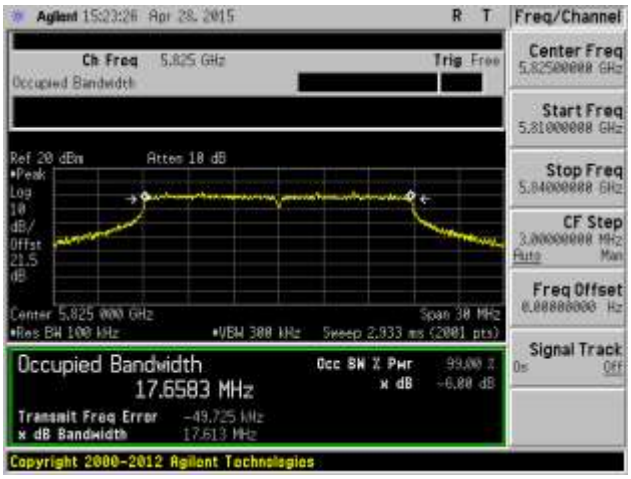


Channel 157 (5785MHz)



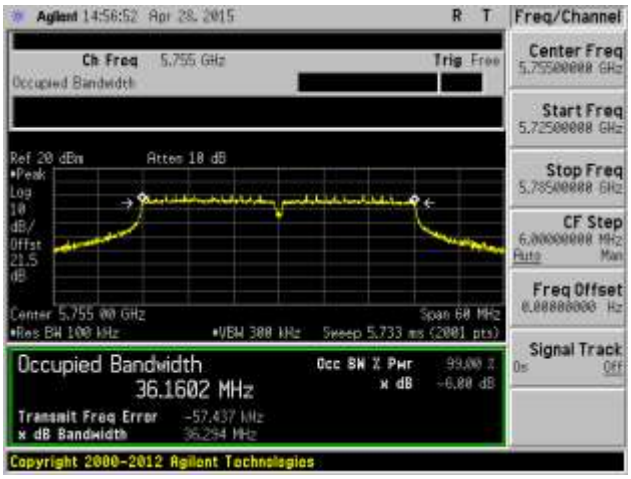
Channel 165 (5825MHz)	
	

802.11ac-VHT20 6dB Bandwidth - Ant 2	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

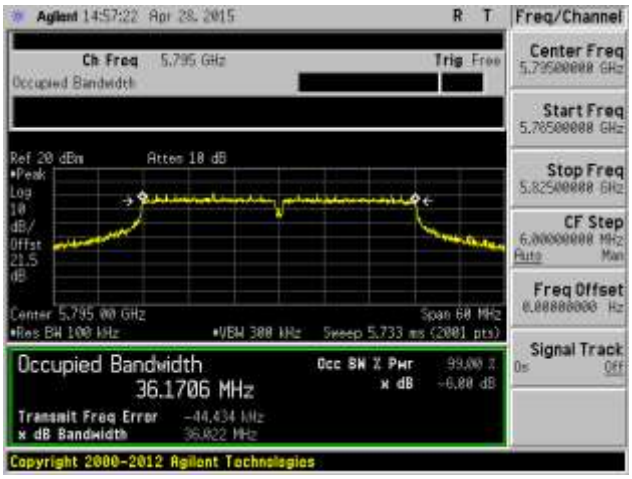
Channel 165 (5825MHz)	
	

802.11ac-VHT40 6dB Bandwidth - Ant 0

Channel 151 (5755MHz)

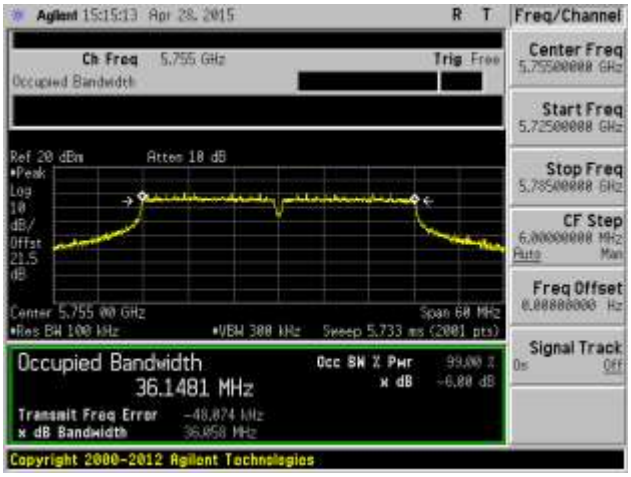


Channel 159 (5795MHz)

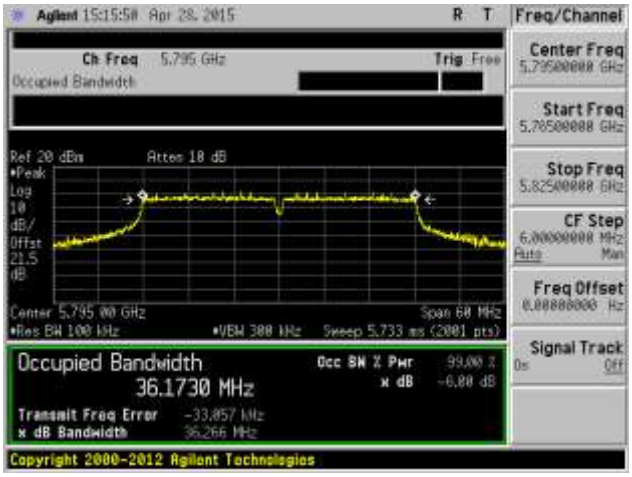


802.11ac-VHT40 6dB Bandwidth - Ant 1

Channel 151 (5755MHz)

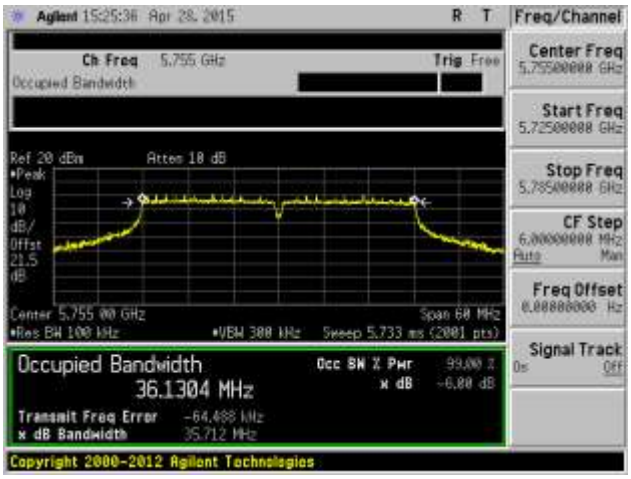


Channel 159 (5795MHz)

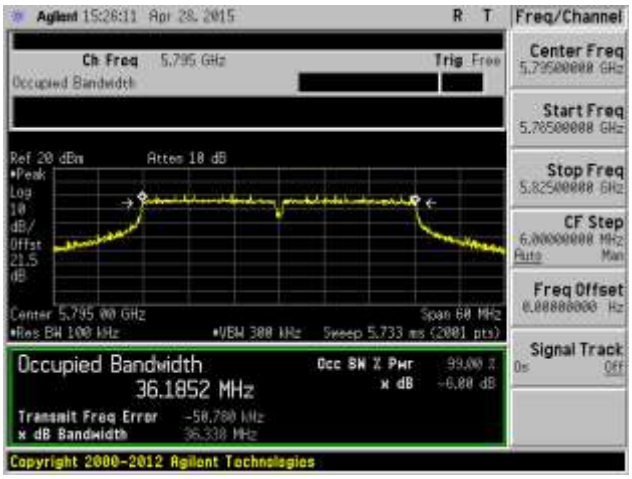


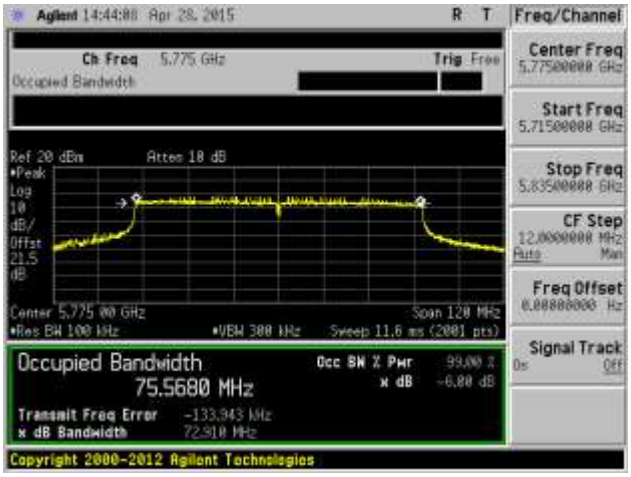
802.11ac-VHT40 6dB Bandwidth - Ant 2

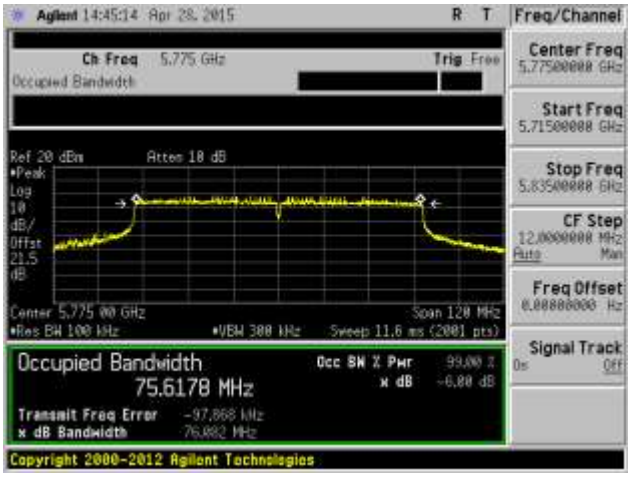
Channel 151 (5755MHz)

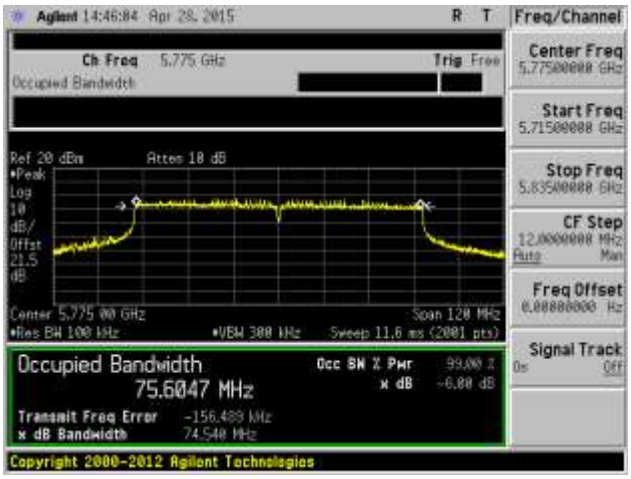


Channel 159 (5795MHz)



802.11ac-VHT80 6dB Bandwidth - Ant 0	
Channel 155 (5775MHz) – Ant 0	
	

802.11ac-VHT80 6dB Bandwidth - Ant 1	
Channel 155 (5775MHz) – Ant 0	
	

802.11ac-VHT80 6dB Bandwidth - Ant 2	
Channel 155 (5775MHz) – Ant 0	
	

7.4. Output Power Measurement

7.4.1. Test Limit

For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log (26dB BW).

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Frequency Band (GHz)	Output Power Limit (dBm)
5.15-5.25	30
5.25-5.35	23.98 – (7dBi – 6dBi) = 22.98
5.47-5.725	23.98 – (7dBi – 6dBi) = 22.98
5.725-5.85	30

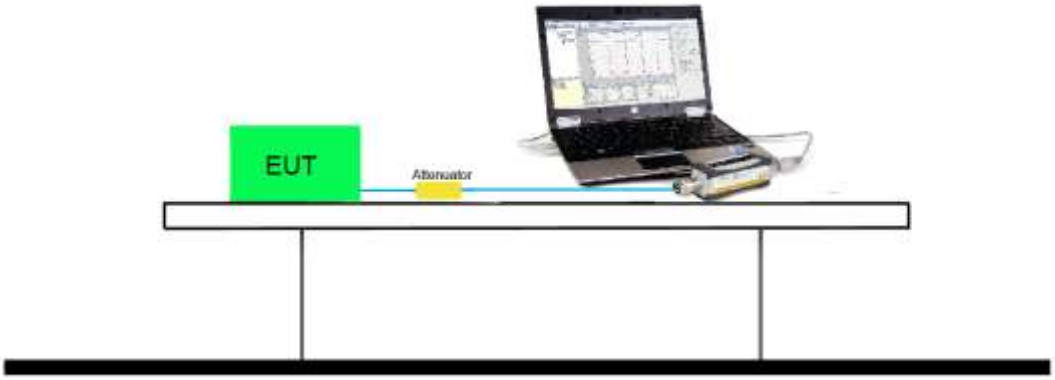
7.4.2. Test Procedure Used

KDB 789033 D02v01 - Section E) 3) b) Method PM-G

7.4.3. Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.4.4. Test Setup



7.4.5. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (yellow marker) for final test of each channel.

N_{Tx}	a	MCS Index for 802.11n	Data Rate (Mbps)			
			20MHz Bandwidth		40MHz Bandwidth	
			800ns GI	400ns GI	800ns GI	400ns GI
1	6	0	6.5	7.2	13.5	15.0
1	9	1	13.0	14.4	27	30.0
1	12	2	19.5	21.7	40.5	45.0
1	18	3	26.0	28.9	54	60.0
1	24	4	39.0	43.3	81	90.0
1	36	5	52.0	57.8	108	120.0
1	48	6	58.5	65.0	121.5	135.0
1	54	7	65.0	72.2	135	150.0
2	---	8	13.0	14.4	27	30.0
2	---	9	26.0	28.9	54	60.0
2	---	10	39.0	43.3	81	90.0
2	---	11	52.0	57.8	108	120.0
2	---	12	78.0	86.7	162	180.0
2	---	13	104.0	115.6	216	240.0
2	---	14	117.0	130.0	243	270.0
2	---	15	130.0	270.0	144.4	300.0
3	---	16	19.5	40.5	21.7	45.0
3	---	17	39.0	81.0	43.3	90.0
3	---	18	58.5	121.5	65.0	135.0
3	---	19	78.0	162.0	86.7	180.0
3	---	20	117.0	243.0	130.0	270.0
3	---	21	156.0	324.0	173.3	360.0
3	---	22	175.5	364.5	195.0	405.0
3	---	23	195.0	405.0	216.7	450.0

MCS Index for 802.11ac	N_{Tx}	Data Rate (Mbps)					
		20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
		800ns GI	400ns GI	800ns GI	400ns GI	800ns GI	400ns GI
0	1	6.5	7.2	13.5	15.0	29.3	32.5
1	1	13.0	14.4	27.0	30.0	58.5	65.0
2	1	19.5	21.7	40.5	45.0	87.8	97.5
3	1	26.0	28.9	54.0	60.0	117.0	130.0
4	1	39.0	43.3	81.0	90.0	175.5	195
5	1	52.0	57.8	108.0	120.0	234.0	260.0
6	1	58.5	65.0	121.5	135.0	263.3	292.5
7	1	65.0	72.2	135.0	150.0	292.5	325
8	1	78.0	86.7	162.0	180.0	351.0	390.0
9	1	--	--	180.0	200.0	390.0	433.3
10	2	13.0	14.4	27.0	30.0	58.6	65.0
11	2	26.0	28.8	54.0	60.0	117.0	130.0
12	2	39.0	43.4	81.0	90.0	175.6	195.0
13	2	52.0	57.8	108.0	120.0	234.0	260.0
14	2	78.0	86.6	162.0	180.0	351.0	390.0
15	2	104.0	115.6	216.0	240.0	468.0	520.0
16	2	117.0	130.0	243.0	270.0	526.6	585.0
17	2	130.0	144.4	270.0	300.0	585.0	650.0
18	2	156.0	173.4	324.0	360.0	702.0	780.0
19	2	--	--	360.0	400.0	780.0	866.6
20	3	19.5	21.6	40.5	45.0	87.9	97.5
21	3	39.0	43.2	81.0	90.0	175.5	195.0
22	3	58.5	65.1	121.5	135.0	263.4	292.5
23	3	78.0	86.7	162.0	180.0	351.0	390.0
24	3	117.0	129.9	243.0	270.0	526.5	585.0
25	3	156.0	173.4	324.0	360.0	702.0	780.0
26	3	175.5	195.0	364.5	405.0	789.9	877.5
27	3	195.0	216.6	405.0	450.0	877.5	975.0
28	3	234.0	260.1	486.0	540.0	1053.0	1170.0
29	3	--	--	540.0	600.0	1170.0	1299.9

Note: Power output test was verified over all data rates of each mode shown as above, and then choose the maximum power output (yellow marker) for final test of each channel.

Output power at various data rates for Ant 0 / Ant 0 + 1:

Test Mode	Bandwidth	Channel	Frequency (MHz)	Data Rate (Mbps)	RMS Power (dBm)
802.11a	20	60	5300	6	21.51
				24	21.02
				54	20.83
802.11n	20	60	5300	13	21.40
				14.4	21.13
				78	20.84
				86.7	20.67
				130	20.49
				144	20.22
802.11n	40	62	5310	27	17.00
				30	16.83
				162	16.54
				180	16.39
				270	16.13
				300	16.02
802.11ac	20	60	5300	13	21.40
				14.4	21.25
				78	21.13
				86.6	21.07
				156	20.76
				173.4	20.43
802.11ac	40	62	5310	27	16.90
				30	16.76
				162	16.51
				180	16.37
				360	16.19
				400	16.03

802.11ac	80	58	5290	58.6	19.28
				65	19.08
				351	18.83
				390	18.55
				780	18.36
				866.6	18.15

Dipole Antenna - 1Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Limit (dBm)	Result
11a	1	6	36	5180	18.37	19.72	20.73	≤ 30	Pass
11a	1	6	44	5220	21.33	21.41	21.01	≤ 30	Pass
11a	1	6	48	5240	21.38	21.92	21.13	≤ 30	Pass
11a	1	6	52	5260	21.41	21.72	21.07	≤ 22.98	Pass
11a	1	6	60	5300	21.51	21.54	20.97	≤ 22.98	Pass
11a	1	6	64	5320	19.70	20.11	20.98	≤ 22.98	Pass
11a	1	6	100	5500	20.86	20.93	20.50	≤ 22.98	Pass
11a	1	6	120	5600	19.76	19.45	19.34	≤ 22.98	Pass
11a	1	6	140	5700	18.74	19.80	19.40	≤ 22.98	Pass
11a	1	6	149	5745	20.05	20.44	19.61	≤ 30	Pass
11a	1	6	157	5785	20.37	20.90	19.56	≤ 30	Pass
11a	1	6	165	5825	19.81	20.69	19.15	≤ 30	Pass
11n-HT20	1	6.5	36	5180	18.37	18.93	20.54	≤ 30	Pass
11n-HT20	1	6.5	44	5220	21.23	21.80	20.91	≤ 30	Pass
11n-HT20	1	6.5	48	5240	21.38	21.79	21.05	≤ 30	Pass
11n-HT20	1	6.5	52	5260	21.31	21.89	20.94	≤ 22.98	Pass
11n-HT20	1	6.5	60	5300	21.40	21.73	20.86	≤ 22.98	Pass
11n-HT20	1	6.5	64	5320	19.60	19.96	20.85	≤ 22.98	Pass
11n-HT20	1	6.5	100	5500	21.05	20.79	20.33	≤ 22.98	Pass
11n-HT20	1	6.5	120	5600	19.65	19.47	19.26	≤ 22.98	Pass
11n-HT20	1	6.5	140	5700	17.77	19.64	19.27	≤ 22.98	Pass
11n-HT20	1	6.5	149	5745	19.90	20.42	19.46	≤ 30	Pass
11n-HT20	1	6.5	157	5785	20.25	20.74	19.45	≤ 30	Pass
11n-HT20	1	6.5	165	5825	19.67	20.63	18.97	≤ 30	Pass
11n-HT40	1	13.5	38	5190	15.95	17.27	15.88	≤ 30	Pass
11n-HT40	1	13.5	46	5230	19.66	20.23	19.60	≤ 30	Pass
11n-HT40	1	13.5	54	5270	19.68	20.40	19.22	≤ 22.98	Pass
11n-HT40	1	13.5	62	5310	17.00	17.41	17.06	≤ 22.98	Pass
11n-HT40	1	13.5	102	5510	19.68	19.42	18.96	≤ 22.98	Pass
11n-HT40	1	13.5	118	5590	18.24	18.38	18.04	≤ 22.98	Pass
11n-HT40	1	13.5	134	5670	17.81	18.14	18.18	≤ 22.98	Pass

11n-HT40	1	13.5	151	5755	18.16	18.85	17.84	≤ 30	Pass
11n-HT40	1	13.5	159	5795	19.02	19.67	18.42	≤ 30	Pass
11ac-VHT20	1	6.5	36	5180	18.38	19.77	20.57	≤ 30	Pass
11ac-VHT20	1	6.5	44	5220	21.28	21.84	20.91	≤ 30	Pass
11ac-VHT20	1	6.5	48	5240	21.31	21.82	21.04	≤ 30	Pass
11ac-VHT20	1	6.5	52	5260	21.33	21.65	20.99	≤ 22.98	Pass
11ac-VHT20	1	6.5	60	5300	21.40	21.53	20.88	≤ 22.98	Pass
11ac-VHT20	1	6.5	64	5320	19.58	19.95	20.93	≤ 22.98	Pass
11ac-VHT20	1	6.5	100	5500	21.10	20.83	20.41	≤ 22.98	Pass
11ac-VHT20	1	6.5	120	5600	19.60	19.45	19.30	≤ 22.98	Pass
11ac-VHT20	1	6.5	140	5700	17.68	19.63	19.25	≤ 22.98	Pass
11ac-VHT20	1	6.5	144	5720	19.78	19.98	19.28	≤ 22.98	Pass
11ac-VHT20	1	6.5	149	5745	19.92	20.36	19.42	≤ 30	Pass
11ac-VHT20	1	6.5	157	5785	20.26	20.71	19.33	≤ 30	Pass
11ac-VHT20	1	6.5	165	5825	19.65	20.64	18.87	≤ 30	Pass
11ac-VHT40	1	13.5	38	5190	15.81	17.19	16.31	≤ 30	Pass
11ac-VHT40	1	13.5	46	5230	20.03	20.51	19.92	≤ 30	Pass
11ac-VHT40	1	13.5	54	5270	20.04	20.72	19.50	≤ 22.98	Pass
11ac-VHT40	1	13.5	62	5310	16.90	17.45	16.58	≤ 22.98	Pass
11ac-VHT40	1	13.5	102	5510	20.36	19.32	19.30	≤ 22.98	Pass
11ac-VHT40	1	13.5	118	5590	18.63	18.72	18.40	≤ 22.98	Pass
11ac-VHT40	1	13.5	134	5670	18.20	18.53	18.49	≤ 22.98	Pass
11ac-VHT40	1	13.5	142	5710	18.46	18.88	18.51	≤ 22.98	Pass
11ac-VHT40	1	13.5	151	5755	18.58	19.21	18.14	≤ 30	Pass
11ac-VHT40	1	13.5	159	5795	19.50	20.12	18.79	≤ 30	Pass
11ac-VHT80	1	29.3	42	5210	19.44	19.69	19.12	≤ 30	Pass
11ac-VHT80	1	29.3	58	5290	19.28	19.87	18.71	≤ 22.98	Pass
11ac-VHT80	1	29.3	106	5530	19.26	18.71	18.13	≤ 22.98	Pass
11ac-VHT80	1	29.3	122	5610	17.45	17.41	17.54	≤ 22.98	Pass
11ac-VHT80	1	29.3	138	5690	17.69	18.16	17.78	≤ 22.98	Pass
11ac-VHT80	1	29.3	155	5775	18.63	19.16	17.93	≤ 30	Pass

Dipole Antenna - 2Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11n-HT20	2	13	36	5180	19.36	18.40	21.92	≤ 30	Pass
11n-HT20	2	13	44	5220	21.03	21.47	24.27	≤ 30	Pass
11n-HT20	2	13	48	5240	21.11	21.38	24.26	≤ 30	Pass
11n-HT20	2	13	52	5260	19.56	18.79	22.20	≤ 22.98	Pass
11n-HT20	2	13	60	5300	19.63	18.53	22.13	≤ 22.98	Pass
11n-HT20	2	13	64	5320	19.08	18.17	21.66	≤ 22.98	Pass
11n-HT20	2	13	100	5500	19.50	19.09	22.31	≤ 22.98	Pass
11n-HT20	2	13	120	5600	19.94	19.71	22.84	≤ 22.98	Pass
11n-HT20	2	13	140	5700	18.93	18.78	21.87	≤ 22.98	Pass
11n-HT20	2	13	149	5745	18.73	18.65	21.70	≤ 30	Pass
11n-HT20	2	13	157	5785	19.55	20.54	23.08	≤ 30	Pass
11n-HT20	2	13	165	5825	19.34	20.33	22.87	≤ 30	Pass
11n-HT40	2	27	38	5190	17.67	17.44	20.57	≤ 30	Pass
11n-HT40	2	27	46	5230	17.68	17.69	20.70	≤ 30	Pass
11n-HT40	2	27	54	5270	19.69	19.99	22.85	≤ 22.98	Pass
11n-HT40	2	27	62	5310	15.83	16.06	18.96	≤ 22.98	Pass
11n-HT40	2	27	102	5510	18.33	18.48	21.42	≤ 22.98	Pass
11n-HT40	2	27	118	5590	19.94	19.77	22.87	≤ 22.98	Pass
11n-HT40	2	27	134	5670	19.81	19.64	22.74	≤ 22.98	Pass
11n-HT40	2	27	151	5755	18.76	17.15	21.04	≤ 30	Pass
11n-HT40	2	27	159	5795	19.19	20.45	22.88	≤ 30	Pass
11ac-VHT20	2	13	36	5180	16.99	16.23	19.64	≤ 30	Pass
11ac-VHT20	2	13	44	5220	19.13	19.38	22.27	≤ 30	Pass
11ac-VHT20	2	13	48	5240	20.16	20.51	23.35	≤ 30	Pass
11ac-VHT20	2	13	52	5260	19.08	19.21	22.16	≤ 22.98	Pass
11ac-VHT20	2	13	60	5300	19.16	19.21	22.20	≤ 22.98	Pass
11ac-VHT20	2	13	64	5320	17.56	17.83	20.71	≤ 22.98	Pass
11ac-VHT20	2	13	100	5500	18.72	16.55	20.78	≤ 22.98	Pass
11ac-VHT20	2	13	120	5600	19.46	18.73	22.12	≤ 22.98	Pass
11ac-VHT20	2	13	140	5700	17.81	18.39	21.12	≤ 22.98	Pass
11ac-VHT20	2	13	144	5720	18.80	19.46	22.15	≤ 22.98	Pass

11ac-VHT20	2	13	149	5745	19.73	20.63	23.21	≤ 30	Pass
11ac-VHT20	2	13	157	5785	19.51	20.56	23.08	≤ 30	Pass
11ac-VHT20	2	13	165	5825	19.36	20.38	22.91	≤ 30	Pass
11ac-VHT40	2	27	38	5190	15.73	15.45	18.60	≤ 30	Pass
11ac-VHT40	2	27	46	5230	18.75	18.80	21.79	≤ 30	Pass
11ac-VHT40	2	27	54	5270	19.54	19.74	22.70	≤ 22.98	Pass
11ac-VHT40	2	27	62	5310	14.87	14.10	17.51	≤ 22.98	Pass
11ac-VHT40	2	27	102	5510	16.36	17.48	19.97	≤ 22.98	Pass
11ac-VHT40	2	27	118	5590	18.85	18.53	21.70	≤ 22.98	Pass
11ac-VHT40	2	27	134	5670	18.99	19.74	22.39	≤ 22.98	Pass
11ac-VHT40	2	27	142	5710	18.97	19.54	22.27	≤ 22.98	Pass
11ac-VHT40	2	27	151	5755	17.24	18.14	20.72	≤ 30	Pass
11ac-VHT40	2	27	159	5795	19.16	20.39	22.83	≤ 30	Pass
11ac-VHT80	2	58.6	42	5210	14.29	14.62	17.47	≤ 30	Pass
11ac-VHT80	2	58.6	58	5290	14.31	14.69	17.51	≤ 22.98	Pass
11ac-VHT80	2	58.6	106	5530	17.52	18.89	21.27	≤ 22.98	Pass
11ac-VHT80	2	58.6	122	5610	19.33	19.38	22.37	≤ 22.98	Pass
11ac-VHT80	2	58.6	138	5690	18.75	19.28	22.03	≤ 22.98	Pass
11ac-VHT80	2	58.6	155	5775	12.75	13.85	16.35	≤ 30	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power /10})}+10^{(\text{Ant 1 Average Power /10})}\}$.

Dipole Antenna - 3Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11n-HT20	3	19.5	36	5180	15.25	15.87	16.03	20.50	≤ 30	Pass
11n-HT20	3	19.5	44	5220	18.86	18.77	18.12	23.37	≤ 30	Pass
11n-HT20	3	19.5	48	5240	20.94	20.43	22.05	25.96	≤ 30	Pass
11n-HT20	3	19.5	52	5260	17.29	17.67	17.60	22.29	≤ 22.98	Pass
11n-HT20	3	19.5	60	5300	17.44	17.45	18.37	22.55	≤ 22.98	Pass
11n-HT20	3	19.5	64	5320	17.01	17.03	17.87	22.09	≤ 22.98	Pass
11n-HT20	3	19.5	100	5500	17.47	17.87	17.73	22.46	≤ 22.98	Pass
11n-HT20	3	19.5	120	5600	17.61	16.72	17.58	22.09	≤ 22.98	Pass
11n-HT20	3	19.5	140	5700	17.08	17.58	17.79	22.26	≤ 22.98	Pass
11n-HT20	3	19.5	149	5745	18.15	17.89	18.04	22.80	≤ 30	Pass
11n-HT20	3	19.5	157	5785	19.50	20.45	19.67	24.66	≤ 30	Pass
11n-HT20	3	19.5	165	5825	18.54	20.27	19.28	24.19	≤ 30	Pass
11n-HT40	3	40.5	38	5190	12.65	12.91	13.54	17.82	≤ 30	Pass
11n-HT40	3	40.5	46	5230	15.47	15.97	15.67	20.48	≤ 30	Pass
11n-HT40	3	40.5	54	5270	18.11	17.89	18.04	22.79	≤ 22.98	Pass
11n-HT40	3	40.5	62	5310	13.44	13.28	13.73	18.26	≤ 22.98	Pass
11n-HT40	3	40.5	102	5510	16.43	16.42	16.81	21.33	≤ 22.98	Pass
11n-HT40	3	40.5	118	5590	18.02	18.01	18.40	22.92	≤ 22.98	Pass
11n-HT40	3	40.5	134	5670	17.58	17.22	17.17	22.10	≤ 22.98	Pass
11n-HT40	3	40.5	151	5755	15.64	15.62	15.68	20.42	≤ 30	Pass
11n-HT40	3	40.5	159	5795	18.85	19.93	19.04	24.07	≤ 30	Pass
11ac-VHT20	3	19.5	36	5180	15.77	15.55	15.19	20.28	≤ 30	Pass
11ac-VHT20	3	19.5	44	5220	18.94	18.40	19.04	23.57	≤ 30	Pass
11ac-VHT20	3	19.5	48	5240	20.63	20.01	21.04	25.35	≤ 30	Pass
11ac-VHT20	3	19.5	52	5260	15.05	15.04	16.89	20.52	≤ 22.98	Pass
11ac-VHT20	3	19.5	60	5300	18.11	17.91	18.03	22.79	≤ 22.98	Pass
11ac-VHT20	3	19.5	64	5320	18.15	17.91	18.21	22.86	≤ 22.98	Pass
11ac-VHT20	3	19.5	100	5500	17.61	17.77	17.87	22.52	≤ 22.98	Pass
11ac-VHT20	3	19.5	120	5600	18.46	17.92	17.67	22.80	≤ 22.98	Pass
11ac-VHT20	3	19.5	140	5700	15.56	16.06	16.35	20.77	≤ 22.98	Pass
11ac-VHT20	3	19.5	144	5720	15.64	16.22	16.38	20.86	≤ 22.98	Pass

11ac-VHT20	3	19.5	149	5745	17.23	17.99	18.04	22.54	≤ 30	Pass
11ac-VHT20	3	19.5	157	5785	19.79	20.73	20.01	24.97	≤ 30	Pass
11ac-VHT20	3	19.5	165	5825	19.18	20.08	19.93	24.52	≤ 30	Pass
11ac-VHT40	3	40.5	38	5190	13.52	13.66	12.50	18.03	≤ 30	Pass
11ac-VHT40	3	40.5	46	5230	16.43	16.88	16.53	21.39	≤ 30	Pass
11ac-VHT40	3	40.5	54	5270	18.07	17.83	18.13	22.78	≤ 22.98	Pass
11ac-VHT40	3	40.5	62	5310	13.50	13.31	12.61	17.93	≤ 22.98	Pass
11ac-VHT40	3	40.5	102	5510	16.27	17.07	17.34	21.69	≤ 22.98	Pass
11ac-VHT40	3	40.5	118	5590	17.02	17.56	17.88	22.27	≤ 22.98	Pass
11ac-VHT40	3	40.5	134	5670	17.60	17.17	17.48	22.19	≤ 22.98	Pass
11ac-VHT40	3	40.5	142	5710	17.18	17.61	17.80	22.31	≤ 22.98	Pass
11ac-VHT40	3	40.5	151	5755	14.61	14.63	14.61	19.39	≤ 30	Pass
11ac-VHT40	3	40.5	159	5795	18.72	19.86	18.96	23.98	≤ 30	Pass
11ac-VHT80	3	87.9	42	5210	13.01	12.49	13.05	17.63	≤ 30	Pass
11ac-VHT80	3	87.9	58	5290	11.99	12.04	11.97	16.77	≤ 22.98	Pass
11ac-VHT80	3	87.9	106	5530	13.29	13.43	13.60	18.21	≤ 22.98	Pass
11ac-VHT80	3	87.9	122	5610	17.89	17.66	18.04	22.64	≤ 22.98	Pass
11ac-VHT80	3	87.9	138	5690	17.86	17.62	17.95	22.58	≤ 22.98	Pass
11ac-VHT80	3	87.9	155	5775	12.22	11.80	11.75	16.70	≤ 30	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}+10^{(\text{Ant 2 Average Power }/10)}\}$.

7.5. Transmit Power Control

7.5.1. Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

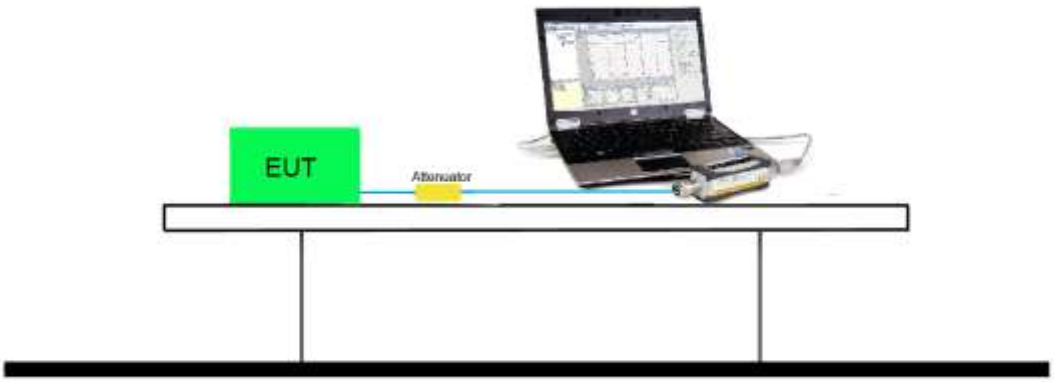
7.5.2. Test Procedure Used

KDB 789033 D02v01 - Section E) 3) b) Method PM-G

7.5.3. Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.5.4. Test Setup



7.5.5. Test Result

1Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Limit (dBm)	Result
11a	1	6	52	5260	18.41	18.72	18.07	≤ 23.98	Pass
11a	1	6	60	5300	18.51	18.54	17.97	≤ 23.98	Pass
11a	1	6	64	5320	16.70	17.11	17.98	≤ 23.98	Pass
11a	1	6	100	5500	17.86	17.93	17.50	≤ 23.98	Pass
11a	1	6	120	5600	16.76	16.45	16.34	≤ 23.98	Pass
11a	1	6	140	5700	15.74	16.80	16.40	≤ 23.98	Pass
11n-HT20	1	6.5	52	5260	18.31	18.89	17.94	≤ 23.98	Pass
11n-HT20	1	6.5	60	5300	18.40	18.73	17.86	≤ 23.98	Pass
11n-HT20	1	6.5	64	5320	16.60	16.96	17.85	≤ 23.98	Pass
11n-HT20	1	6.5	100	5500	18.05	17.79	17.33	≤ 23.98	Pass
11n-HT20	1	6.5	120	5600	16.65	16.47	16.26	≤ 23.98	Pass
11n-HT20	1	6.5	140	5700	14.77	16.64	16.27	≤ 23.98	Pass
11n-HT40	1	13.5	54	5270	16.68	17.40	16.22	≤ 23.98	Pass
11n-HT40	1	13.5	62	5310	13.00	14.41	13.06	≤ 23.98	Pass
11n-HT40	1	13.5	102	5510	16.68	16.42	15.96	≤ 23.98	Pass
11n-HT40	1	13.5	118	5590	15.24	15.38	15.04	≤ 23.98	Pass
11n-HT40	1	13.5	134	5670	14.81	15.14	15.18	≤ 23.98	Pass
11ac-VHT20	1	6.5	52	5260	18.33	18.65	17.99	≤ 23.98	Pass
11ac-VHT20	1	6.5	60	5300	18.40	18.53	17.88	≤ 23.98	Pass
11ac-VHT20	1	6.5	64	5320	16.58	16.95	17.93	≤ 23.98	Pass
11ac-VHT20	1	6.5	100	5500	18.10	17.83	17.41	≤ 23.98	Pass
11ac-VHT20	1	6.5	120	5600	16.60	16.45	16.30	≤ 23.98	Pass
11ac-VHT20	1	6.5	140	5700	14.68	16.63	16.25	≤ 23.98	Pass
11ac-VHT20	1	6.5	144	5720	16.78	16.98	16.28	≤ 23.98	Pass
11ac-VHT40	1	13.5	54	5270	17.04	17.72	16.50	≤ 23.98	Pass
11ac-VHT40	1	13.5	62	5310	12.90	14.45	13.58	≤ 23.98	Pass
11ac-VHT40	1	13.5	102	5510	17.36	16.32	16.30	≤ 23.98	Pass
11ac-VHT40	1	13.5	118	5590	15.63	15.72	15.40	≤ 23.98	Pass
11ac-VHT40	1	13.5	134	5670	15.20	15.53	15.49	≤ 23.98	Pass
11ac-VHT40	1	13.5	142	5710	15.46	15.88	15.51	≤ 23.98	Pass
11ac-VHT80	1	29.3	58	5290	16.28	16.87	15.71	≤ 23.98	Pass

11ac-VHT80	1	29.3	106	5530	16.26	15.71	15.13	≤ 23.98	Pass
11ac-VHT80	1	29.3	122	5610	14.45	14.41	14.54	≤ 23.98	Pass
11ac-VHT80	1	29.3	138	5690	14.69	15.16	14.78	≤ 23.98	Pass

Note: The TPC Power (dBm) = Max TPC Power (dBm) + Antenna Gain.

2Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Total TPC Power (dBm)	Limit (dBm)	Result
11n-HT20	2	13	52	5260	9.56	8.79	19.20	≤ 23.98	Pass
11n-HT20	2	13	60	5300	9.63	8.53	19.13	≤ 23.98	Pass
11n-HT20	2	13	64	5320	9.08	8.17	18.66	≤ 23.98	Pass
11n-HT20	2	13	100	5500	9.50	9.09	19.31	≤ 23.98	Pass
11n-HT20	2	13	120	5600	9.94	9.71	19.84	≤ 23.98	Pass
11n-HT20	2	13	140	5700	8.93	8.78	18.87	≤ 23.98	Pass
11n-HT40	2	27	54	5270	9.69	9.99	19.85	≤ 23.98	Pass
11n-HT40	2	27	62	5310	5.83	6.06	15.96	≤ 23.98	Pass
11n-HT40	2	27	102	5510	8.33	8.48	18.42	≤ 23.98	Pass
11n-HT40	2	27	118	5590	9.94	9.77	19.87	≤ 23.98	Pass
11n-HT40	2	27	134	5670	9.81	9.64	19.74	≤ 23.98	Pass
11ac-VHT20	2	13	52	5260	9.08	9.21	19.16	≤ 23.98	Pass
11ac-VHT20	2	13	60	5300	9.16	9.21	19.20	≤ 23.98	Pass
11ac-VHT20	2	13	64	5320	7.56	7.83	17.71	≤ 23.98	Pass
11ac-VHT20	2	13	100	5500	8.72	6.55	17.78	≤ 23.98	Pass
11ac-VHT20	2	13	120	5600	9.46	8.73	19.12	≤ 23.98	Pass
11ac-VHT20	2	13	140	5700	7.81	8.39	18.12	≤ 23.98	Pass
11ac-VHT20	2	13	144	5720	8.80	9.46	19.15	≤ 23.98	Pass
11ac-VHT40	2	27	54	5270	9.54	9.74	19.65	≤ 23.98	Pass
11ac-VHT40	2	27	62	5310	4.87	4.10	14.51	≤ 23.98	Pass
11ac-VHT40	2	27	102	5510	6.36	7.48	16.97	≤ 23.98	Pass
11ac-VHT40	2	27	118	5590	8.85	8.53	18.70	≤ 23.98	Pass
11ac-VHT40	2	27	134	5670	8.99	9.74	19.39	≤ 23.98	Pass
11ac-VHT40	2	27	142	5710	8.97	9.54	19.27	≤ 23.98	Pass
11ac-VHT80	2	58.6	58	5290	4.31	4.69	14.51	≤ 23.98	Pass
11ac-VHT80	2	58.6	106	5530	7.52	8.89	18.27	≤ 23.98	Pass
11ac-VHT80	2	58.6	122	5610	9.33	9.38	19.37	≤ 23.98	Pass
11ac-VHT80	2	58.6	138	5690	8.75	9.28	19.03	≤ 23.98	Pass

Note: The Total TPC Power (dBm) = $10*\log\{10^{(\text{Ant 0 TPC Power}/10)}+10^{(\text{Ant 1 TPC Power}/10)}\}$ + Antenna Gain.

3Tx

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Total TPC Power (dBm)	Limit (dBm)	Result
11n-HT20	3	19.5	52	5260	7.29	7.67	7.60	19.29	≤ 23.98	Pass
11n-HT20	3	19.5	60	5300	7.44	7.45	8.37	19.55	≤ 23.98	Pass
11n-HT20	3	19.5	64	5320	7.01	7.03	7.87	19.09	≤ 23.98	Pass
11n-HT20	3	19.5	100	5500	7.47	7.87	7.73	19.46	≤ 23.98	Pass
11n-HT20	3	19.5	120	5600	7.61	6.72	7.58	19.09	≤ 23.98	Pass
11n-HT20	3	19.5	140	5700	7.08	7.58	7.79	19.26	≤ 23.98	Pass
11n-HT40	3	40.5	54	5270	8.11	7.89	8.04	19.79	≤ 23.98	Pass
11n-HT40	3	40.5	62	5310	3.44	3.28	3.73	15.26	≤ 23.98	Pass
11n-HT40	3	40.5	102	5510	6.43	6.42	6.81	18.33	≤ 23.98	Pass
11n-HT40	3	40.5	118	5590	8.02	8.01	8.40	19.92	≤ 23.98	Pass
11n-HT40	3	40.5	134	5670	7.58	7.22	7.17	19.10	≤ 23.98	Pass
11ac-VHT20	3	19.5	52	5260	5.05	5.04	6.89	17.52	≤ 23.98	Pass
11ac-VHT20	3	19.5	60	5300	8.11	7.91	8.03	19.79	≤ 23.98	Pass
11ac-VHT20	3	19.5	64	5320	8.15	7.91	8.21	19.86	≤ 23.98	Pass
11ac-VHT20	3	19.5	100	5500	7.61	7.77	7.87	19.52	≤ 23.98	Pass
11ac-VHT20	3	19.5	120	5600	8.46	7.92	7.67	19.80	≤ 23.98	Pass
11ac-VHT20	3	19.5	140	5700	5.56	6.06	6.35	17.77	≤ 23.98	Pass
11ac-VHT20	3	19.5	144	5720	5.64	6.22	6.38	17.86	≤ 23.98	Pass
11ac-VHT40	3	40.5	54	5270	8.07	7.83	8.13	19.78	≤ 23.98	Pass
11ac-VHT40	3	40.5	62	5310	3.50	3.31	2.61	14.93	≤ 23.98	Pass
11ac-VHT40	3	40.5	102	5510	6.27	7.07	7.34	18.69	≤ 23.98	Pass
11ac-VHT40	3	40.5	118	5590	7.02	7.56	7.88	19.27	≤ 23.98	Pass
11ac-VHT40	3	40.5	134	5670	7.60	7.17	7.48	19.19	≤ 23.98	Pass
11ac-VHT40	3	40.5	142	5710	7.18	7.61	7.80	19.31	≤ 23.98	Pass
11ac-VHT80	3	87.9	58	5290	1.99	2.04	1.97	13.77	≤ 23.98	Pass
11ac-VHT80	3	87.9	106	5530	3.29	3.43	3.60	15.21	≤ 23.98	Pass
11ac-VHT80	3	87.9	122	5610	7.89	7.66	8.04	19.64	≤ 23.98	Pass
11ac-VHT80	3	87.9	138	5690	7.86	7.62	7.95	19.58	≤ 23.98	Pass

Note: The Total TPC Power (dBm) = $10*\log\{10^{(\text{Ant 0 TPC Power /10})}+10^{(\text{Ant 1 TPC Power /10})}+10^{(\text{Ant 2 TPC Power /10})}\}$ + Antenna Gain.

7.6. Power Spectral Density Measurement

7.6.1. Test Limit

For 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

For fixed point-to-point access points operating in the band 5.15-5.25 GHz, fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum power spectral density.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

If transmitting antennas of directional gain greater than 6dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Frequency Band (GHz)	Power Spectral Density Limit
5.15-5.25	17 dBm/MHz
5.25-5.35	11 dBm/MHz – (7dBi – 6dBi) = 10 dBm/MHz
5.47-5.725	11 dBm/MHz – (7dBi – 6dBi) = 10 dBm/MHz
5.725-5.85	30 dBm/500kHz

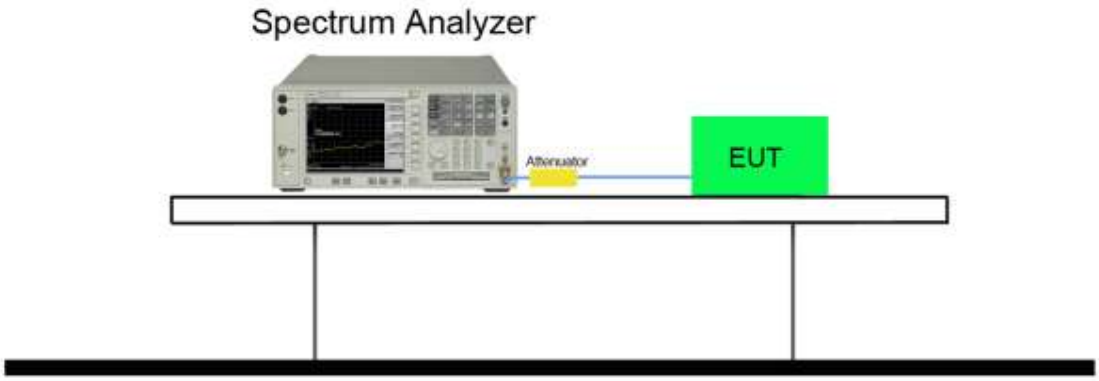
7.6.2. Test Procedure Used

KDB 789033 D02v01 - Section F

7.6.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz, RBW = 100 kHz
4. VBW = 3MHz
5. Number of sweep points ≥ 2 × (span / RBW)
6. Detector = power averaging (RMS)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add 10*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10*log(1/0.25) = 6 dB if the duty cycle is 25 percent.
11. When the measurement bandwidth of Maximum PSD is specified in 500 kHz, add a constant factor 10*log(500kHz/100kHz) = 7 dB to the measured result

7.6.4. Test Setup



7.6.5. Test Result

1Tx (U-NII-1 & U-NII-2A & U-NII-2C)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Ant 2 PSD (dBm/ MHz)	Duty Cycle (%)	Max PSD (dBm/ MHz)	Limit (dBm /MHz)	Result
11a	1	6	36	5180	7.20	8.34	9.40	96.9	9.54	≤ 17	Pass
11a	1	6	44	5220	10.22	10.21	10.14	96.9	10.36	≤ 17	Pass
11a	1	6	48	5240	9.82	10.28	9.88	96.9	10.42	≤ 17	Pass
11a	1	6	52	5260	9.23	9.38	9.21	96.9	9.52	≤ 10	Pass
11a	1	6	60	5300	9.47	9.15	9.34	96.9	9.61	≤ 10	Pass
11a	1	6	64	5320	9.43	9.06	9.03	96.9	9.57	≤ 10	Pass
11a	1	6	100	5500	9.23	9.02	9.54	96.9	9.68	≤ 10	Pass
11a	1	6	120	5600	9.28	8.40	8.61	96.9	9.42	≤ 10	Pass
11a	1	6	140	5700	7.87	8.52	8.26	96.9	8.66	≤ 10	Pass
11n-HT20	1	6.5	36	5180	7.11	7.66	9.07	94.4	9.32	≤ 17	Pass
11n-HT20	1	6.5	44	5220	9.52	9.86	9.35	94.4	10.11	≤ 17	Pass
11n-HT20	1	6.5	48	5240	9.37	9.94	9.73	94.4	10.19	≤ 17	Pass
11n-HT20	1	6.5	52	5260	9.00	9.04	9.46	94.4	9.71	≤ 10	Pass
11n-HT20	1	6.5	60	5300	9.12	9.02	9.47	94.4	9.72	≤ 10	Pass
11n-HT20	1	6.5	64	5320	9.16	8.47	9.53	94.4	9.78	≤ 10	Pass
11n-HT20	1	6.5	100	5500	9.34	9.34	8.96	94.4	9.59	≤ 10	Pass
11n-HT20	1	6.5	120	5600	8.74	8.40	8.00	94.4	8.99	≤ 10	Pass
11n-HT20	1	6.5	140	5700	6.35	7.93	7.80	94.4	8.18	≤ 10	Pass
11n-HT40	1	13.5	38	5190	1.76	-1.62	1.47	85.8	2.43	≤ 17	Pass
11n-HT40	1	13.5	46	5230	5.48	5.73	5.54	85.8	6.40	≤ 17	Pass
11n-HT40	1	13.5	54	5270	4.88	6.34	5.04	85.8	7.01	≤ 10	Pass
11n-HT40	1	13.5	62	5310	1.70	3.54	1.62	85.8	4.21	≤ 10	Pass
11n-HT40	1	13.5	102	5510	5.77	5.42	5.32	85.8	6.44	≤ 10	Pass
11n-HT40	1	13.5	118	5590	4.46	3.62	4.04	85.8	5.13	≤ 10	Pass
11n-HT40	1	13.5	134	5670	3.60	4.15	4.12	85.8	4.82	≤ 10	Pass
11ac-VHT20	1	6.5	36	5180	6.73	8.05	8.98	95.0	9.20	≤ 17	Pass
11ac-VHT20	1	6.5	44	5220	9.43	10.42	9.46	95.0	10.64	≤ 17	Pass
11ac-VHT20	1	6.5	48	5240	9.63	10.22	9.56	95.0	10.44	≤ 17	Pass
11ac-VHT20	1	6.5	52	5260	9.01	9.27	9.11	95.0	9.49	≤ 10	Pass
11ac-VHT20	1	6.5	60	5300	9.61	9.20	9.52	95.0	9.83	≤ 10	Pass

11ac-VHT20	1	6.5	64	5320	9.12	8.61	9.23	95.0	9.45	≤ 10	Pass
11ac-VHT20	1	6.5	100	5500	9.34	9.17	9.43	95.0	9.65	≤ 10	Pass
11ac-VHT20	1	6.5	120	5600	8.58	7.76	8.25	95.0	8.80	≤ 10	Pass
11ac-VHT20	1	6.5	140	5700	6.50	8.58	8.01	95.0	8.80	≤ 10	Pass
11ac-VHT20	1	6.5	144	5720	8.34	8.86	8.16	95.0	9.08	≤ 10	Pass
11ac-VHT40	1	13.5	38	5190	1.31	2.83	1.82	93.5	3.12	≤ 17	Pass
11ac-VHT40	1	13.5	46	5230	5.79	6.01	5.50	93.5	6.30	≤ 17	Pass
11ac-VHT40	1	13.5	54	5270	5.43	6.50	5.12	93.5	6.79	≤ 10	Pass
11ac-VHT40	1	13.5	62	5310	1.74	2.92	2.33	93.5	3.21	≤ 10	Pass
11ac-VHT40	1	13.5	102	5510	6.81	4.52	5.16	93.5	7.10	≤ 10	Pass
11ac-VHT40	1	13.5	118	5590	5.09	3.11	4.90	93.5	5.38	≤ 10	Pass
11ac-VHT40	1	13.5	134	5670	4.19	4.73	4.86	93.5	5.15	≤ 10	Pass
11ac-VHT40	1	13.5	142	5710	4.05	4.65	4.12	93.5	4.94	≤ 10	Pass
11ac-VHT80	1	29.3	42	5210	2.06	2.30	1.57	80.0	3.27	≤ 17	Pass
11ac-VHT80	1	29.3	58	5290	1.75	2.68	1.86	80.0	3.65	≤ 10	Pass
11ac-VHT80	1	29.3	106	5530	2.16	1.29	1.00	80.0	3.13	≤ 10	Pass
11ac-VHT80	1	29.3	122	5610	0.39	0.51	0.46	80.0	1.48	≤ 10	Pass
11ac-VHT80	1	29.3	138	5690	0.69	1.49	0.78	80.0	2.46	≤ 10	Pass

Note: When EUT duty cycle < 98%, the Max PSD = $10*\log\{10^{(\text{Max PSD}/10)}\} + 10*\log(1/\text{duty cycle})$.

2Tx (U-NII-1 & U-NII-2A & U-NII-2C)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm /MHz)	Result
11n-HT20	2	13	36	5180	6.40	6.98	94.4	9.96	≤ 17	Pass
11n-HT20	2	13	44	5220	9.48	9.90	94.4	12.96	≤ 17	Pass
11n-HT20	2	13	48	5240	9.34	10.07	94.4	12.98	≤ 17	Pass
11n-HT20	2	13	52	5260	5.54	7.20	94.4	9.71	≤ 10	Pass
11n-HT20	2	13	60	5300	5.78	7.18	94.4	9.80	≤ 10	Pass
11n-HT20	2	13	64	5320	5.02	6.69	94.4	9.20	≤ 10	Pass
11n-HT20	2	13	100	5500	5.71	6.29	94.4	9.27	≤ 10	Pass
11n-HT20	2	13	120	5600	6.72	6.39	94.4	9.82	≤ 10	Pass
11n-HT20	2	13	140	5700	5.79	6.26	94.4	9.29	≤ 10	Pass
11n-HT40	2	27	38	5190	4.94	5.39	85.8	8.85	≤ 17	Pass
11n-HT40	2	27	46	5230	5.11	5.47	85.8	8.97	≤ 17	Pass
11n-HT40	2	27	54	5270	5.43	5.63	85.8	9.21	≤ 10	Pass
11n-HT40	2	27	62	5310	5.32	5.56	85.8	9.12	≤ 10	Pass
11n-HT40	2	27	102	5510	5.69	5.46	85.8	9.25	≤ 10	Pass
11n-HT40	2	27	118	5590	4.65	4.41	85.8	8.21	≤ 10	Pass
11n-HT40	2	27	134	5670	4.03	5.21	85.8	8.34	≤ 10	Pass
11ac-VHT20	2	13	36	5180	9.69	9.67	95.0	12.91	≤ 17	Pass
11ac-VHT20	2	13	44	5220	9.85	9.73	95.0	13.02	≤ 17	Pass
11ac-VHT20	2	13	48	5240	9.56	10.11	95.0	13.08	≤ 17	Pass
11ac-VHT20	2	13	52	5260	5.95	6.67	95.0	9.56	≤ 10	Pass
11ac-VHT20	2	13	60	5300	6.15	6.75	95.0	9.69	≤ 10	Pass
11ac-VHT20	2	13	64	5320	6.6	6.76	95.0	9.91	≤ 10	Pass
11ac-VHT20	2	13	100	5500	7.47	5.62	95.0	9.88	≤ 10	Pass
11ac-VHT20	2	13	120	5600	6.40	6.49	95.0	9.68	≤ 10	Pass
11ac-VHT20	2	13	140	5700	5.31	7.20	95.0	9.59	≤ 10	Pass
11ac-VHT20	2	13	144	5720	5.56	7.06	95.0	9.61	≤ 10	Pass
11ac-VHT40	2	27	38	5190	5.09	4.92	93.5	8.31	≤ 17	Pass
11ac-VHT40	2	27	46	5230	5.54	5.33	93.5	8.74	≤ 17	Pass
11ac-VHT40	2	27	54	5270	5.70	5.73	93.5	9.02	≤ 10	Pass
11ac-VHT40	2	27	62	5310	5.48	5.67	93.5	8.88	≤ 10	Pass
11ac-VHT40	2	27	102	5510	6.04	5.46	93.5	9.06	≤ 10	Pass
11ac-VHT40	2	27	118	5590	4.66	4.42	93.5	7.84	≤ 10	Pass

11ac-VHT40	2	27	134	5670	5.32	5.39	93.5	8.66	≤ 10	Pass
11ac-VHT40	2	27	142	5710	4.38	5.49	93.5	8.27	≤ 10	Pass
11ac-VHT80	2	58.6	42	5210	1.68	1.84	80.0	5.74	≤ 17	Pass
11ac-VHT80	2	58.6	58	5290	1.75	2.70	80.0	6.23	≤ 10	Pass
11ac-VHT80	2	58.6	106	5530	2.97	1.91	80.0	6.45	≤ 10	Pass
11ac-VHT80	2	58.6	122	5610	1.48	1.42	80.0	5.43	≤ 10	Pass
11ac-VHT80	2	58.6	138	5690	1.28	2.45	80.0	5.88	≤ 10	Pass

Note: When EUT duty cycle < 98%, the total PSD = $10*\log\{10^{(\text{Ant 0 PSD}/10)}+10^{(\text{Ant 1 PSD}/10)}\} + 10*\log(1/\text{duty cycle})$.

3Tx (U-NII-1 & U-NII-2A & U-NII-2C)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm /MHz)	Result
11n-HT20	3	19.5	36	5180	9.37	8.72	10.43	94.4	14.59	≤ 17	Pass
11n-HT20	3	19.5	44	5220	9.40	9.08	11.05	94.4	14.95	≤ 17	Pass
11n-HT20	3	19.5	48	5240	10.50	9.75	10.87	94.4	15.42	≤ 17	Pass
11n-HT20	3	19.5	52	5260	4.17	4.50	5.74	94.4	9.88	≤ 10	Pass
11n-HT20	3	19.5	60	5300	4.38	3.92	5.98	94.4	9.87	≤ 10	Pass
11n-HT20	3	19.5	64	5320	3.93	4.18	5.98	94.4	9.82	≤ 10	Pass
11n-HT20	3	19.5	100	5500	6.54	3.94	3.83	94.4	9.98	≤ 10	Pass
11n-HT20	3	19.5	120	5600	4.92	3.97	5.22	94.4	9.76	≤ 10	Pass
11n-HT20	3	19.5	140	5700	4.49	5.25	4.46	94.4	9.77	≤ 10	Pass
11n-HT40	3	40.5	38	5190	5.07	4.47	7.01	85.8	11.09	≤ 17	Pass
11n-HT40	3	40.5	46	5230	5.31	4.58	6.18	85.8	10.84	≤ 17	Pass
11n-HT40	3	40.5	54	5270	4.81	4.64	4.16	85.8	9.98	≤ 10	Pass
11n-HT40	3	40.5	62	5310	4.44	4.09	4.74	85.8	9.87	≤ 10	Pass
11n-HT40	3	40.5	102	5510	4.23	4.45	4.64	85.8	9.88	≤ 10	Pass
11n-HT40	3	40.5	118	5590	4.16	4.79	4.47	85.8	9.92	≤ 10	Pass
11n-HT40	3	40.5	134	5670	4.11	4.76	4.20	85.8	9.80	≤ 10	Pass
11ac-VHT20	3	19.5	36	5180	9.07	9.15	10.58	95.0	14.65	≤ 17	Pass
11ac-VHT20	3	19.5	44	5220	9.50	8.68	10.56	95.0	14.64	≤ 17	Pass
11ac-VHT20	3	19.5	48	5240	9.79	8.67	10.18	95.0	14.59	≤ 17	Pass
11ac-VHT20	3	19.5	52	5260	3.83	3.83	6.64	95.0	9.97	≤ 10	Pass
11ac-VHT20	3	19.5	60	5300	3.84	3.92	4.77	95.0	9.19	≤ 10	Pass
11ac-VHT20	3	19.5	64	5320	3.90	3.61	5.79	95.0	9.54	≤ 10	Pass
11ac-VHT20	3	19.5	100	5500	6.10	3.76	3.58	95.0	9.63	≤ 10	Pass
11ac-VHT20	3	19.5	120	5600	5.12	3.02	5.12	95.0	9.52	≤ 10	Pass
11ac-VHT20	3	19.5	140	5700	4.32	4.73	5.13	95.0	9.73	≤ 10	Pass
11ac-VHT20	3	19.5	144	5720	4.27	5.65	4.06	95.0	9.71	≤ 10	Pass
11ac-VHT40	3	40.5	38	5190	4.68	4.49	6.40	93.5	10.34	≤ 17	Pass
11ac-VHT40	3	40.5	46	5230	5.02	5.43	7.24	93.5	11.07	≤ 17	Pass
11ac-VHT40	3	40.5	54	5270	4.78	4.76	4.64	93.5	9.79	≤ 10	Pass
11ac-VHT40	3	40.5	62	5310	4.38	4.01	4.51	93.5	9.37	≤ 10	Pass
11ac-VHT40	3	40.5	102	5510	5.59	4.10	4.44	93.5	9.82	≤ 10	Pass
11ac-VHT40	3	40.5	118	5590	5.69	4.87	4.35	93.5	10.07	≤ 10	Pass

11ac-VHT40	3	40.5	134	5670	4.92	5.56	4.38	93.5	10.04	≤ 10	Pass
11ac-VHT40	3	40.5	142	5710	4.05	4.91	5.12	93.5	9.78	≤ 10	Pass
11ac-VHT80	3	87.9	42	5210	1.93	1.51	3.66	80.0	8.21	≤ 17	Pass
11ac-VHT80	3	87.9	58	5290	1.81	1.70	4.08	80.0	8.42	≤ 10	Pass
11ac-VHT80	3	87.9	106	5530	5.90	2.32	2.22	80.0	9.58	≤ 10	Pass
11ac-VHT80	3	87.9	122	5610	4.01	1.53	2.17	80.0	8.44	≤ 10	Pass
11ac-VHT80	3	87.9	138	5690	1.21	1.23	1.86	80.0	7.18	≤ 10	Pass

Note: When EUT duty cycle < 98%, the total PSD = $10*\log\{10^{(\text{Ant 0 PSD}/10)}+10^{(\text{Ant 1 PSD}/10)}+10^{(\text{Ant 2 PSD}/10)}\}$ + 10*log(1/duty cycle).

1Tx (U-NII-3)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ 500kHz)	Ant 1 PSD (dBm/ 500kHz)	Ant 2 PSD (dBm/ 500kHz)	Duty Cycle (%)	Constant Factor	Max PSD (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11a	1	6	149	5745	0.10	0.15	-0.40	96.9	7	7.29	≤ 30	Pass
11a	1	6	157	5785	0.01	0.13	-0.86	96.9	7	7.27	≤ 30	Pass
11a	1	6	165	5825	-0.77	-0.19	-1.32	96.9	7	6.95	≤ 30	Pass
11n-HT20	1	6.5	149	5745	-0.38	-0.14	-0.56	94.4	7	7.11	≤ 30	Pass
11n-HT20	1	6.5	157	5785	-0.35	0.33	-1.30	94.4	7	7.58	≤ 30	Pass
11n-HT20	1	6.5	165	5825	-0.98	-0.26	-1.39	94.4	7	6.99	≤ 30	Pass
11n-HT40	1	13.5	151	5755	-5.04	-4.20	-5.34	85.8	7	3.47	≤ 30	Pass
11n-HT40	1	13.5	159	5795	-4.00	-3.52	-4.56	85.8	7	4.15	≤ 30	Pass
11ac-VHT20	1	6.5	149	5745	-0.34	-0.39	-0.79	95.0	7	6.88	≤ 30	Pass
11ac-VHT20	1	6.5	157	5785	-0.37	0.10	-1.19	95.0	7	7.32	≤ 30	Pass
11ac-VHT20	1	6.5	165	5825	-0.93	-0.22	-1.65	95.0	7	7.00	≤ 30	Pass
11ac-VHT40	1	13.5	151	5755	-4.86	-4.54	-4.93	93.5	7	2.75	≤ 30	Pass
11ac-VHT40	1	13.5	159	5795	-3.85	-3.59	-4.77	93.5	7	3.70	≤ 30	Pass
11ac-VHT80	1	29.3	155	5775	-7.24	-7.00	-7.81	80.0	7	0.97	≤ 30	Pass

Note: When EUT duty cycle < 98%, the Max PSD = $10*\log\{10^{(\text{Max PSD}/10)}\}$ + 10*log(1/duty cycle) + Constant Factor.

2Tx (U-NII-3)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ 500kHz)	Ant 1 PSD (dBm/ 500kHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11n-HT20	2	13	149	5745	-0.71	0.29	94.4	7	10.08	≤ 30	Pass
11n-HT20	2	13	157	5785	-1.00	0.23	94.4	7	9.92	≤ 30	Pass
11n-HT20	2	13	165	5825	-1.25	-0.60	94.4	7	9.35	≤ 30	Pass
11n-HT40	2	27	151	5755	-4.02	-2.86	85.8	7	7.27	≤ 30	Pass
11n-HT40	2	27	159	5795	-4.20	-3.37	85.8	7	6.91	≤ 30	Pass
11ac-VHT20	2	13	149	5745	-0.46	0.61	95.0	7	10.34	≤ 30	Pass
11ac-VHT20	2	13	157	5785	-1.15	0.72	95.0	7	10.12	≤ 30	Pass
11ac-VHT20	2	13	165	5825	-0.73	-0.16	95.0	7	9.80	≤ 30	Pass
11ac-VHT40	2	27	151	5755	-3.53	-2.63	93.5	7	7.25	≤ 30	Pass
11ac-VHT40	2	27	159	5795	-4.16	-3.11	93.5	7	6.70	≤ 30	Pass
11ac-VHT80	2	58.6	155	5775	-7.01	-6.16	80.0	7	4.42	≤ 30	Pass

Note: When EUT duty cycle < 98%, the Max PSD = $10*\log\{10^{(\text{Ant0 PSD}/10)} + 10^{(\text{Ant1 PSD}/10)}\} + 10*\log(1/\text{duty cycle}) +$ Constant Factor.

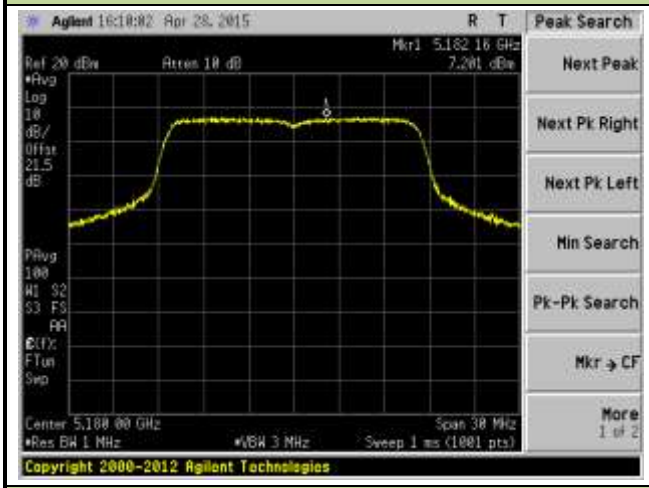
3Tx (U-NII-3)

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ 500kHz)	Ant 1 PSD (dBm/ 500kHz)	Ant 2 PSD (dBm/ 500kHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11n-HT20	3	19.5	149	5745	-0.50	-0.06	0.35	94.4	7	11.97	≤ 30	Pass
11n-HT20	3	19.5	157	5785	-0.58	0.21	0.14	94.4	7	11.96	≤ 30	Pass
11n-HT20	3	19.5	165	5825	-1.12	0.24	1.13	94.4	7	12.20	≤ 30	Pass
11n-HT40	3	40.5	151	5755	-4.02	-3.56	-3.36	85.8	7	8.80	≤ 30	Pass
11n-HT40	3	40.5	159	5795	-4.04	-3.58	-3.19	85.8	7	8.85	≤ 30	Pass
11ac-VHT20	3	19.5	149	5745	-0.37	-0.21	0.16	95.0	7	11.86	≤ 30	Pass
11ac-VHT20	3	19.5	157	5785	-0.93	-0.27	-0.34	95.0	7	11.49	≤ 30	Pass
11ac-VHT20	3	19.5	165	5825	-1.04	-0.33	-1.06	95.0	7	11.20	≤ 30	Pass
11ac-VHT40	3	40.5	151	5755	-4.28	-3.58	-3.35	93.5	7	8.34	≤ 30	Pass
11ac-VHT40	3	40.5	159	5795	-3.83	-3.36	-3.60	93.5	7	8.47	≤ 30	Pass
11ac-VHT80	3	87.9	155	5775	-6.65	-6.97	-5.67	80.0	7	6.35	≤ 30	Pass

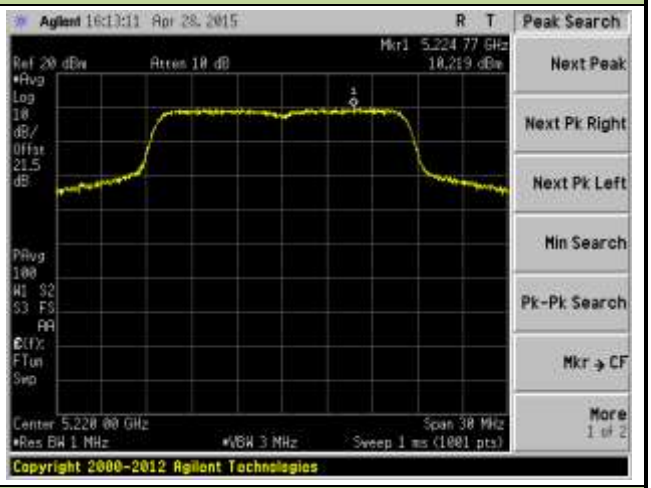
Note: When EUT duty cycle < 98%, the total PSD = $10*\log\{10^{(\text{Ant 0 PSD}/10)}+10^{(\text{Ant 1 PSD}/10)}+10^{(\text{Ant 2 PSD}/10)}\} + 10*\log(1/\text{duty cycle})$.

802.11a Power Spectral Density - Ant 0

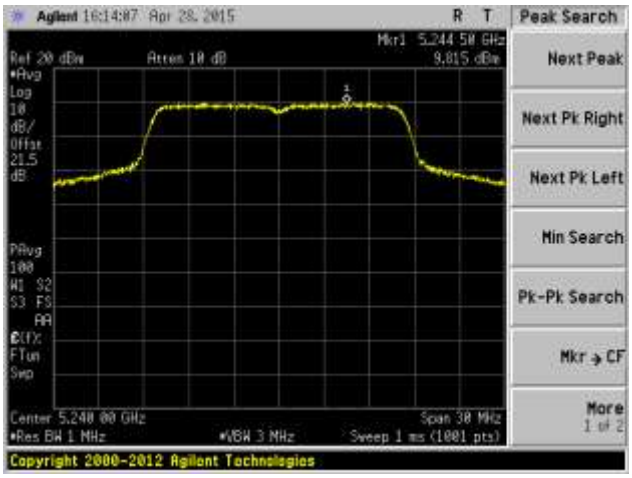
Channel 36 (5180MHz)



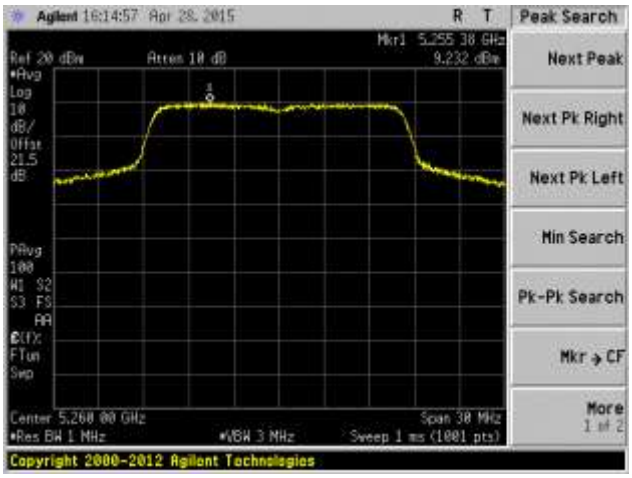
Channel 44 (5220MHz)



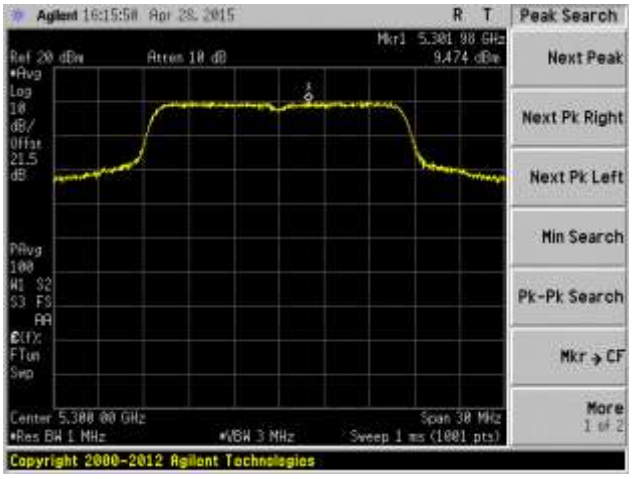
Channel 48 (5240MHz)



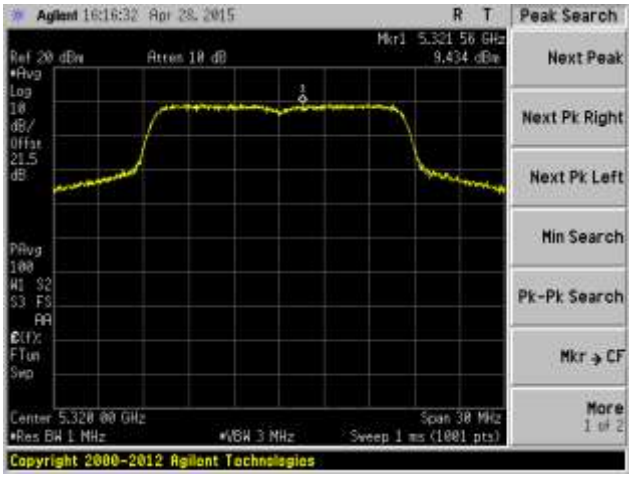
Channel 52 (5260MHz)

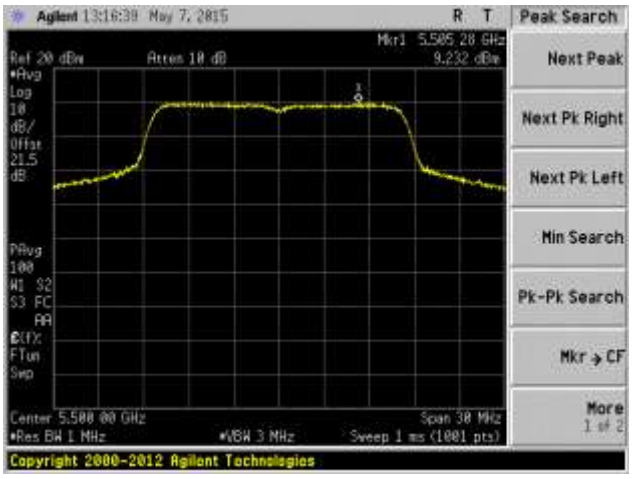
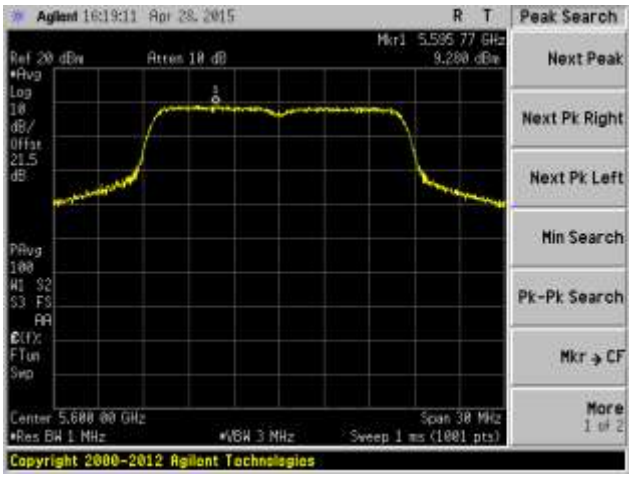
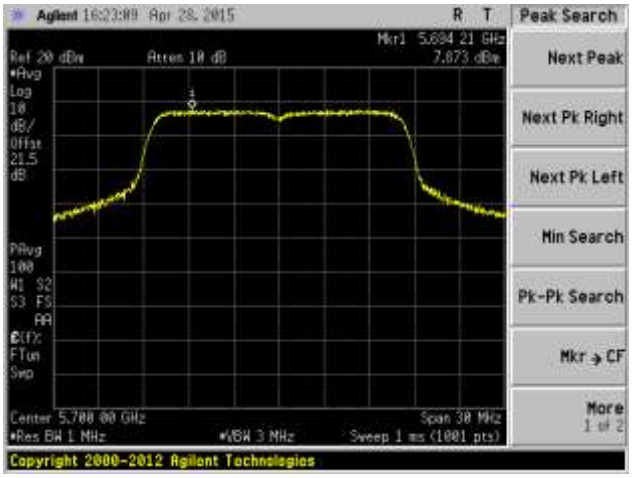
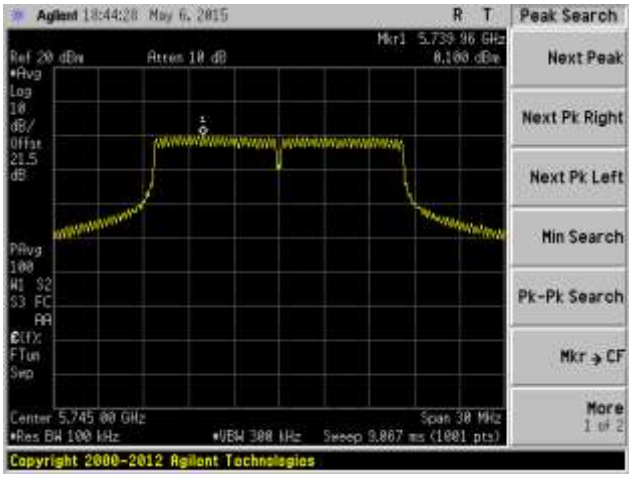
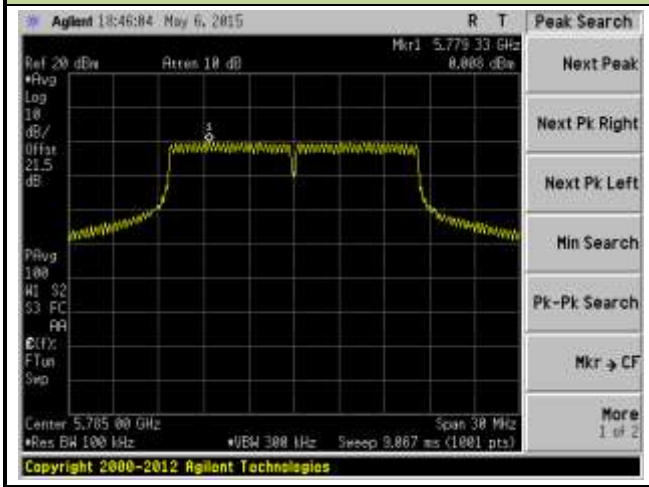
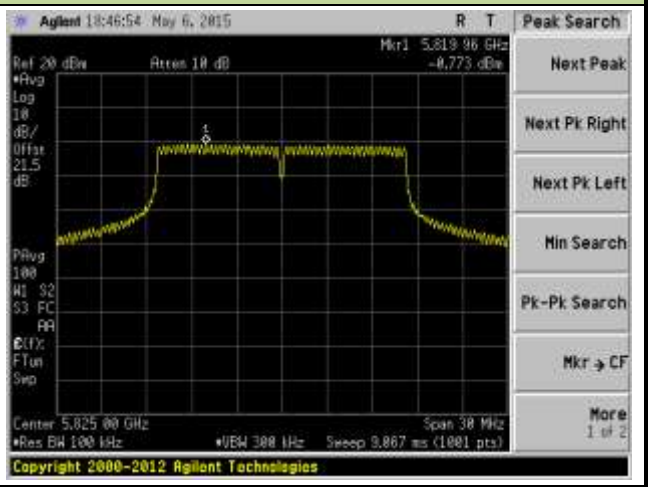


Channel 60 (5300MHz)



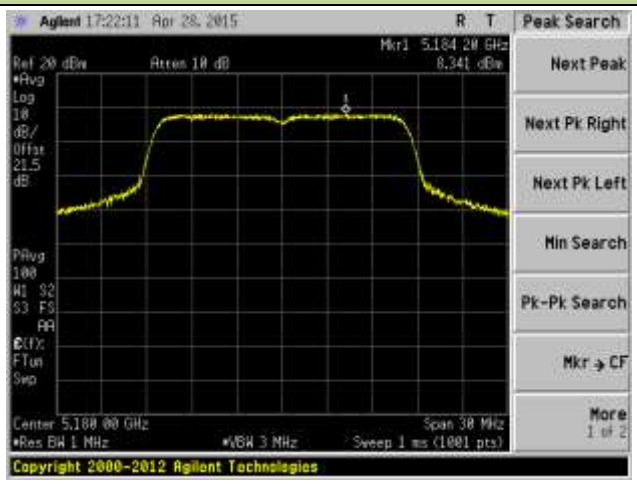
Channel 64 (5320MHz)



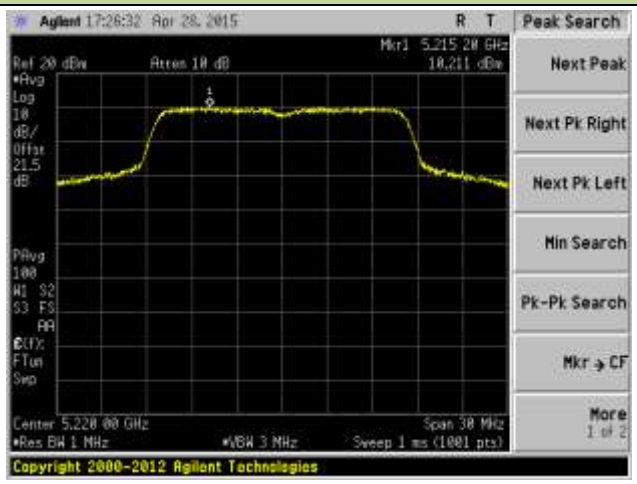
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11a Power Spectral Density - Ant 1

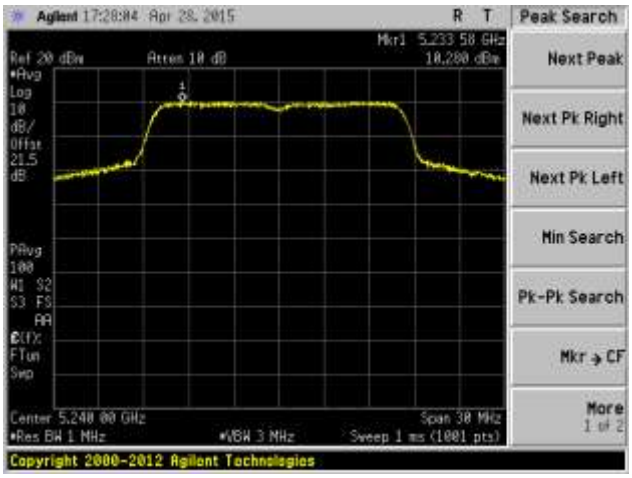
Channel 36 (5180MHz)



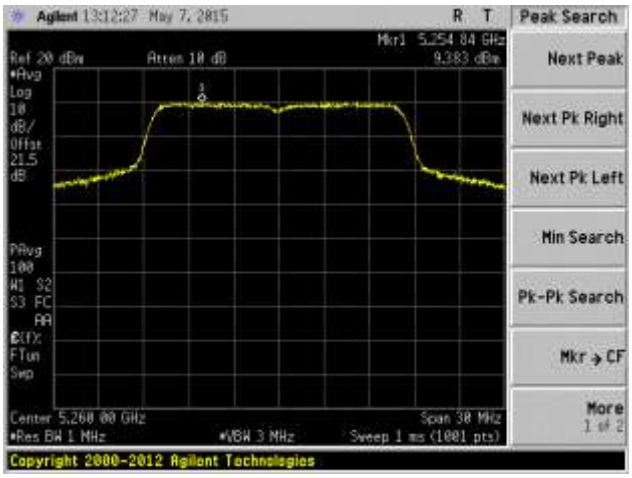
Channel 44 (5220MHz)



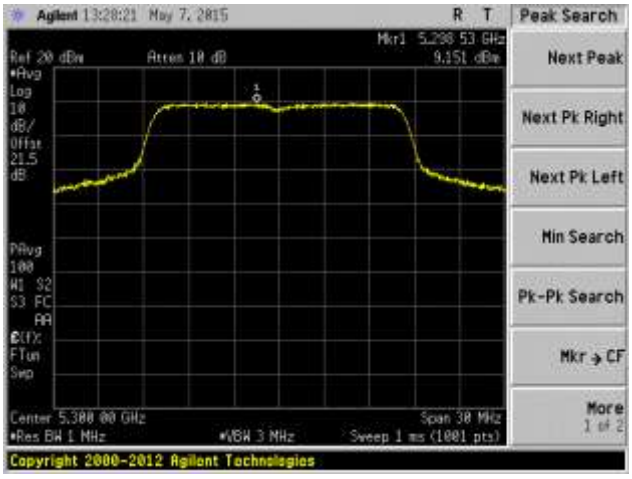
Channel 48 (5240MHz)



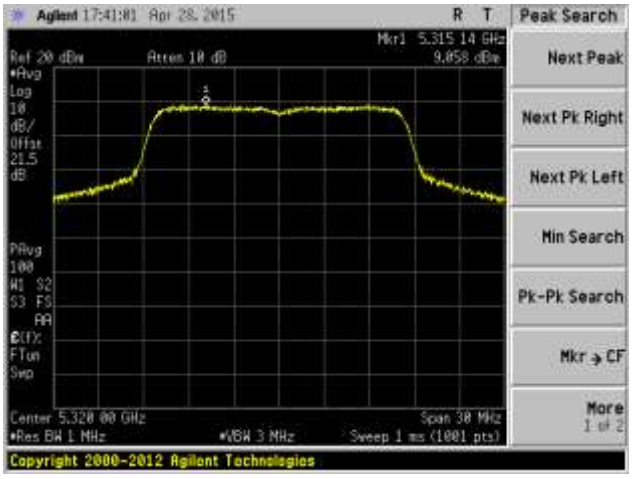
Channel 52 (5260MHz)

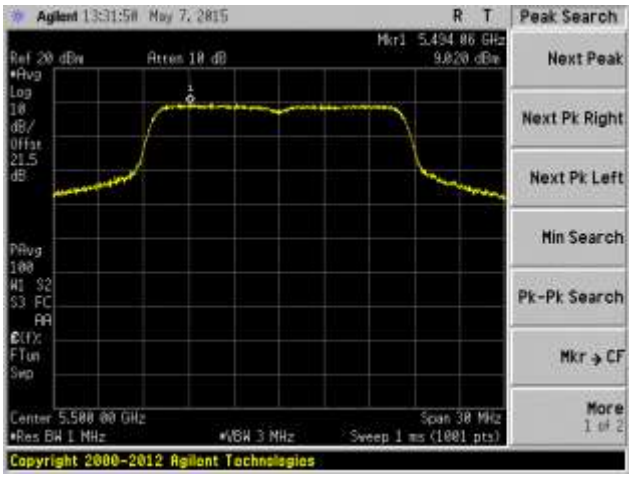
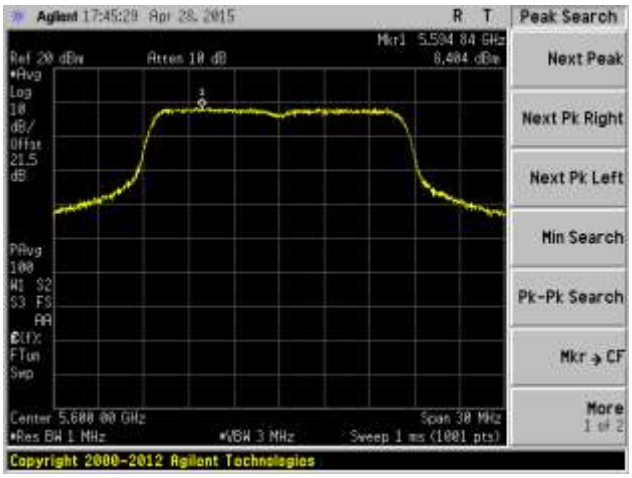
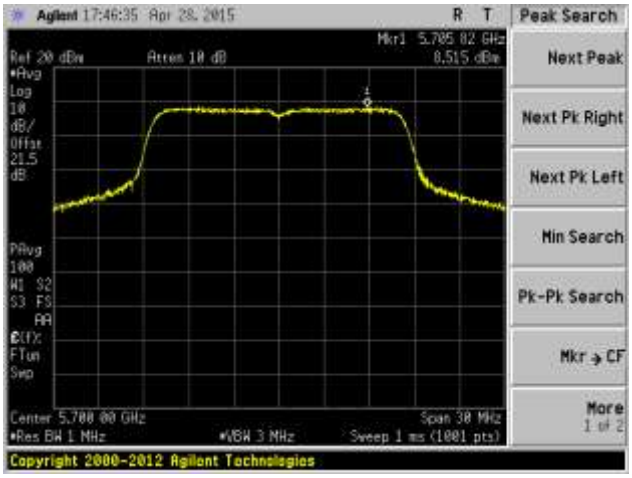
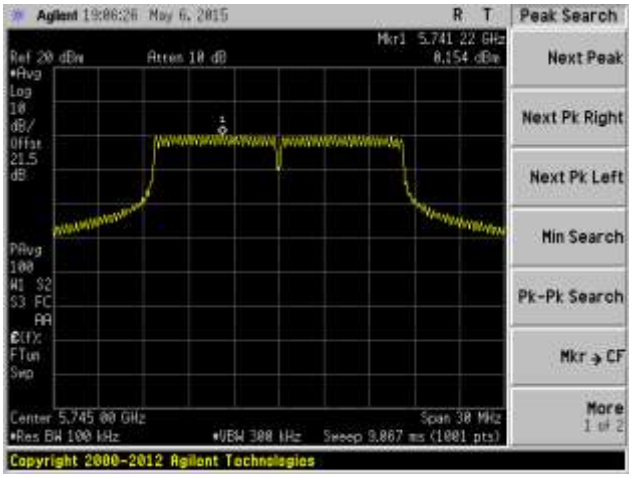
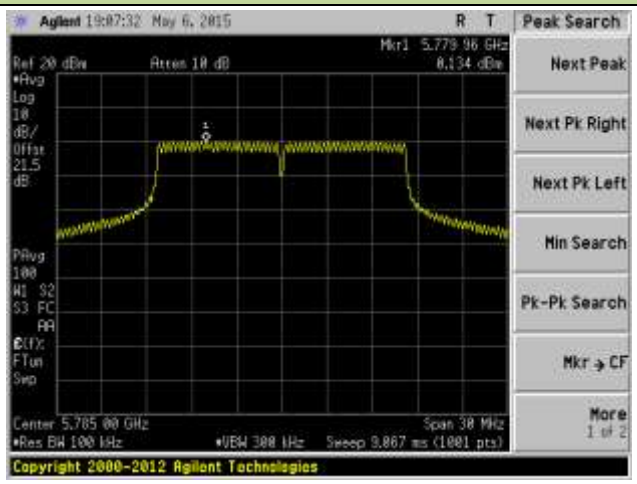
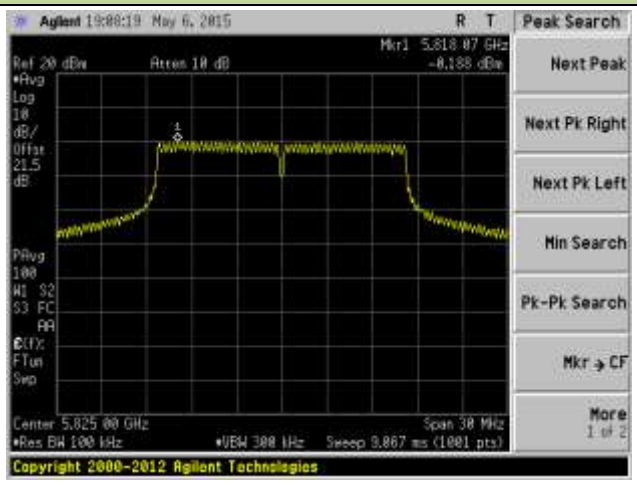


Channel 60 (5300MHz)



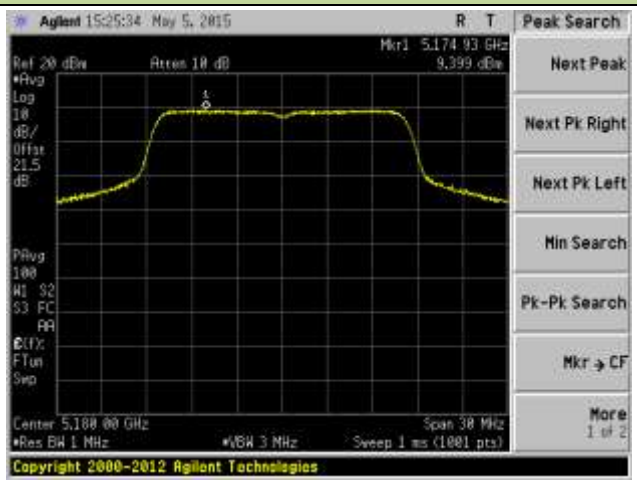
Channel 64 (5320MHz)



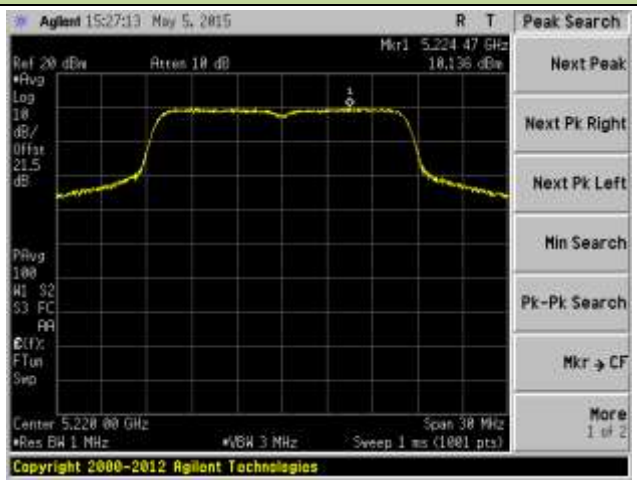
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11a Power Spectral Density - Ant 2

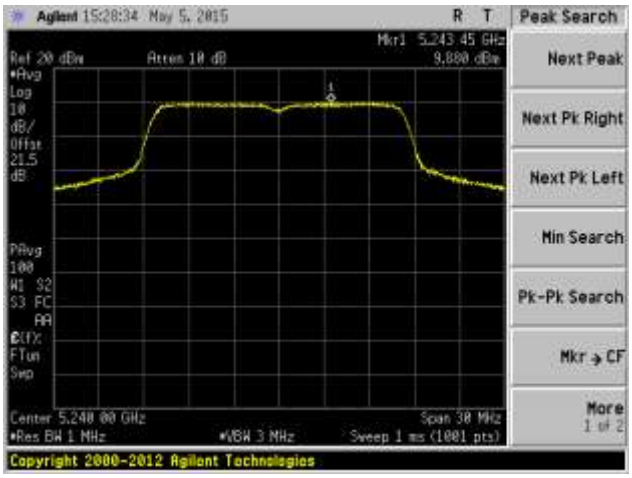
Channel 36 (5180MHz)



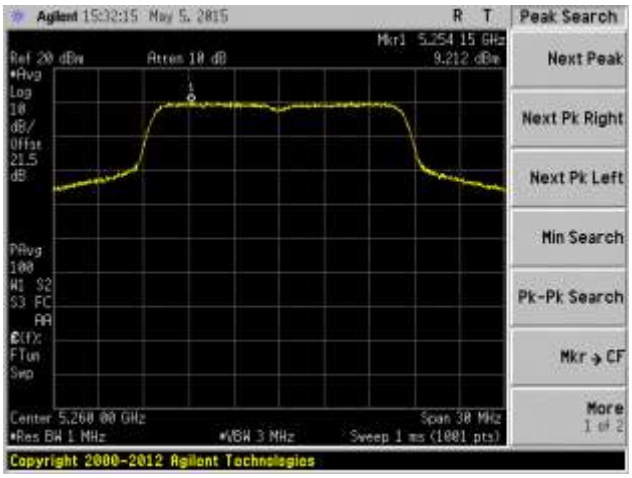
Channel 44 (5220MHz)



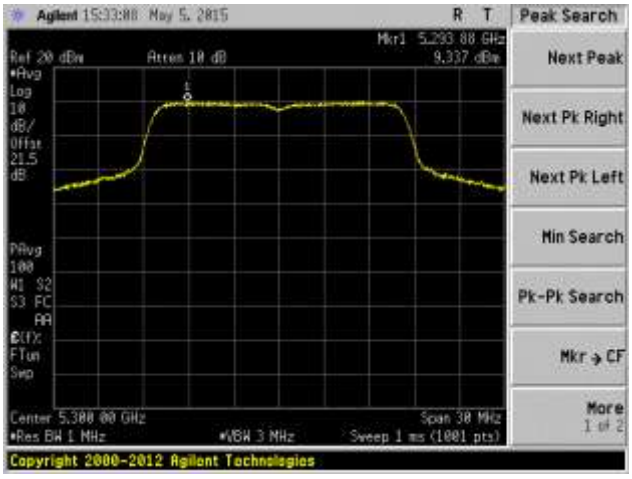
Channel 48 (5240MHz)



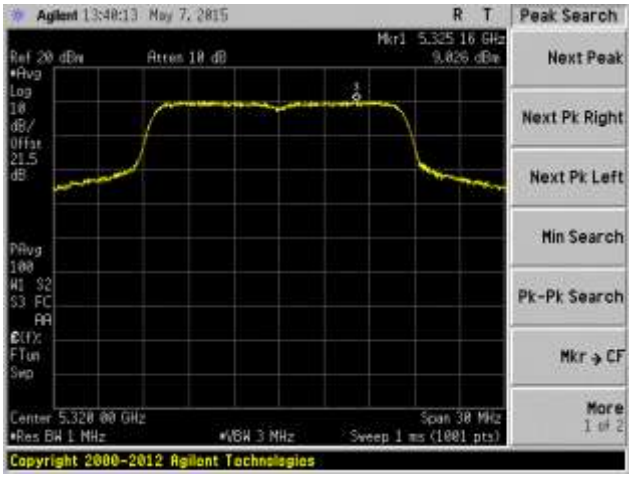
Channel 52 (5260MHz)

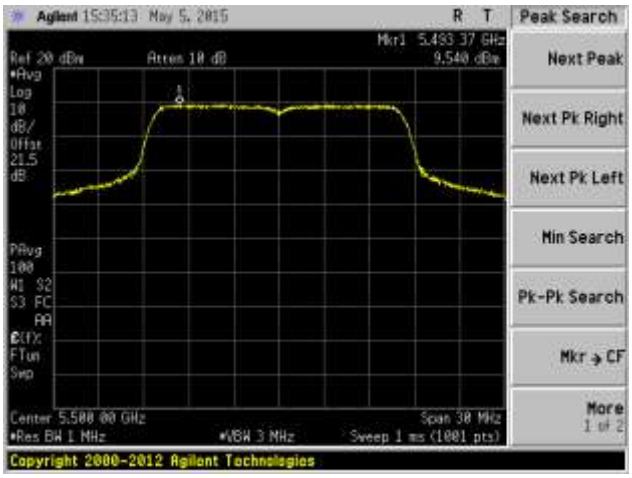
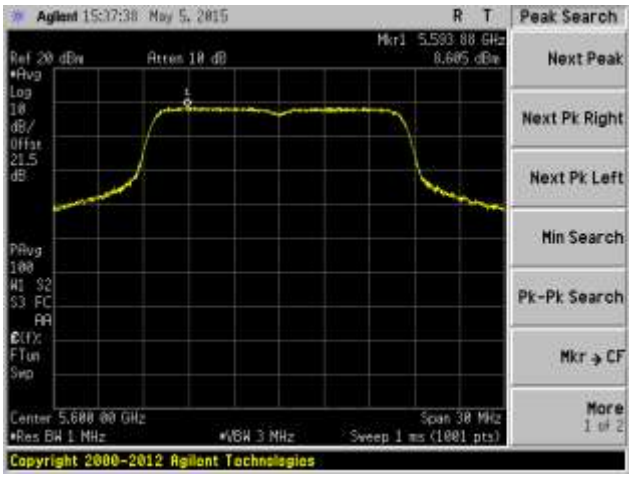
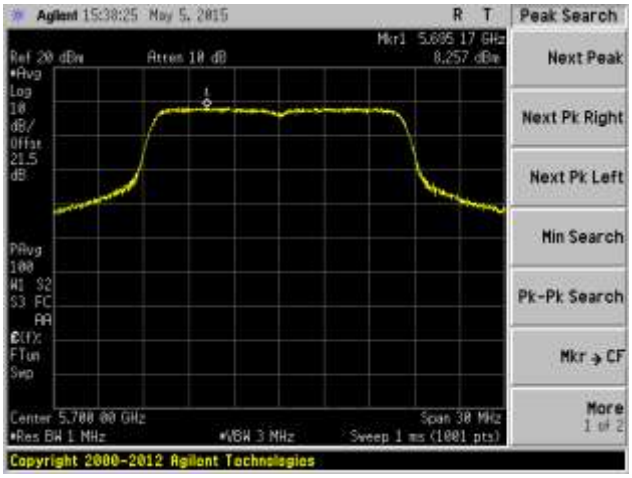
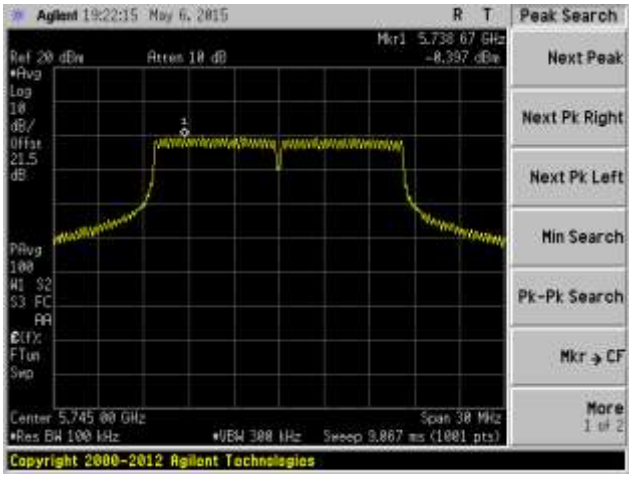
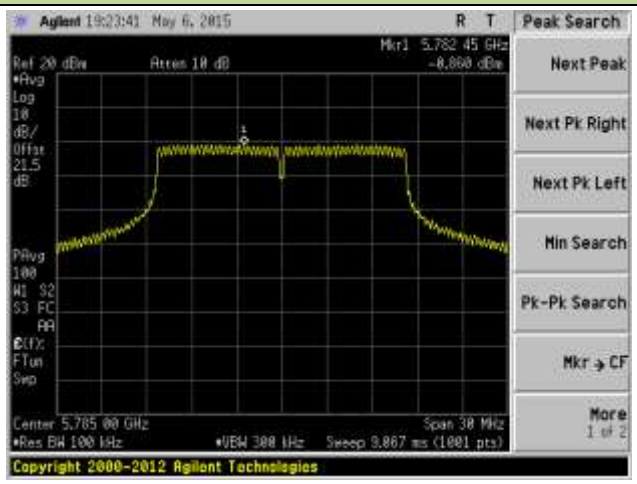
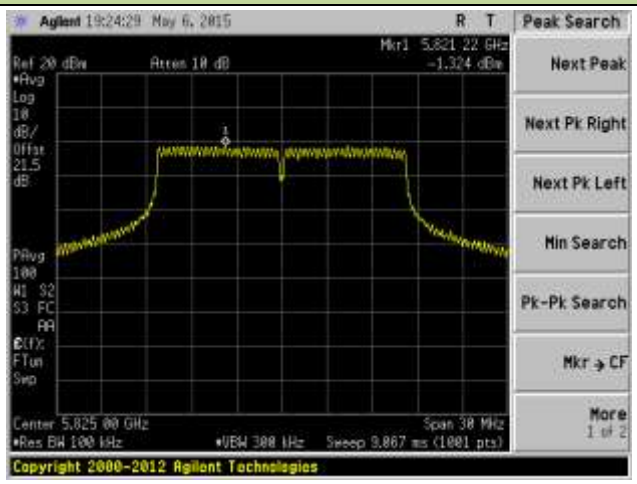


Channel 60 (5300MHz)



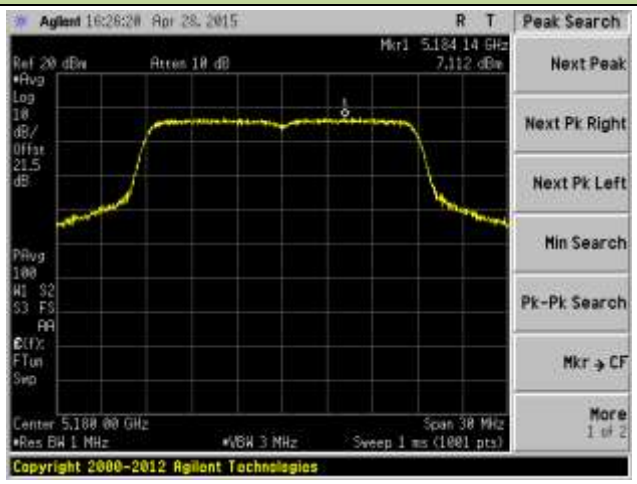
Channel 64 (5320MHz)



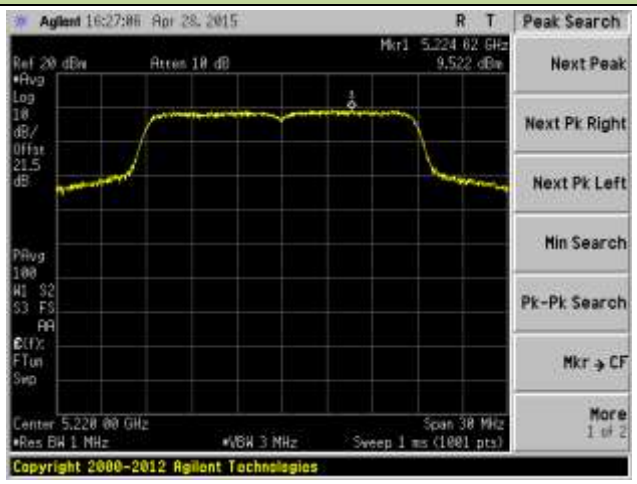
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 0

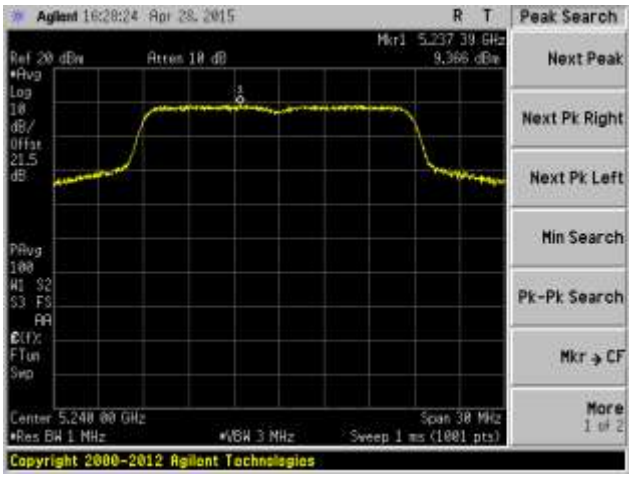
Channel 36 (5180MHz)



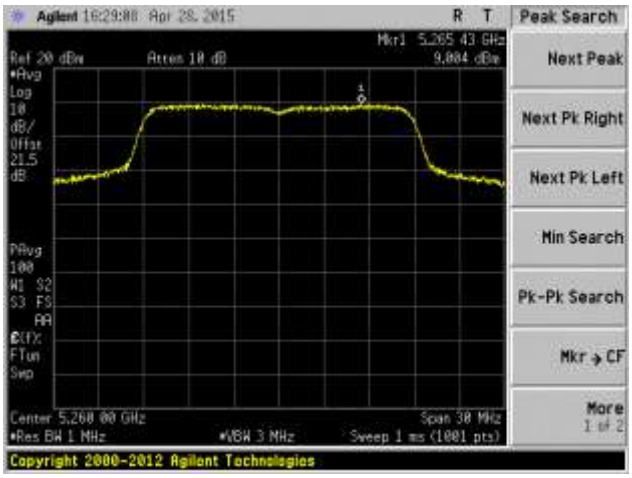
Channel 44 (5220MHz)



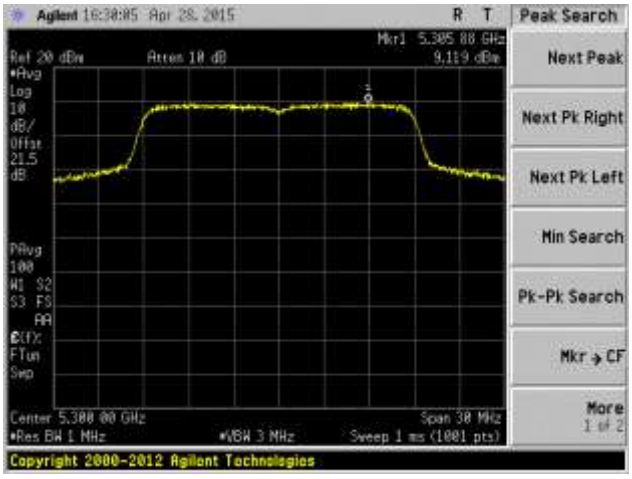
Channel 48 (5240MHz)



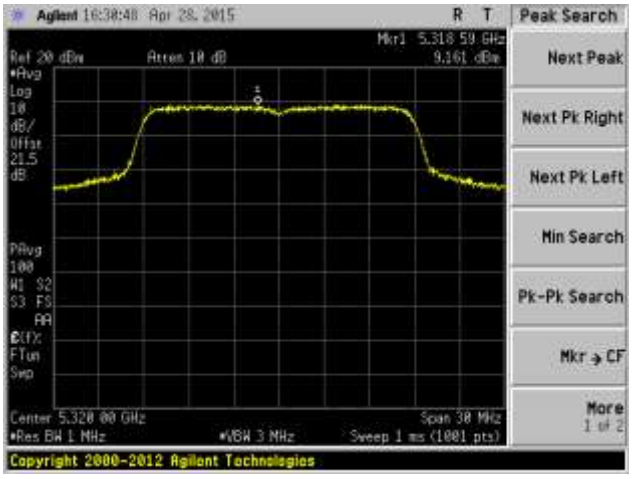
Channel 52 (5260MHz)

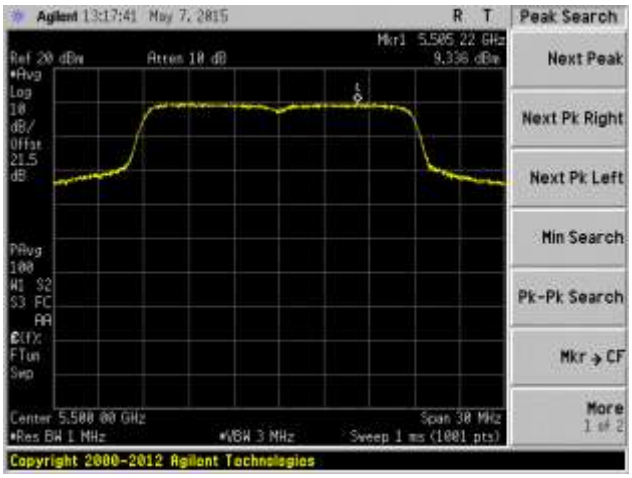
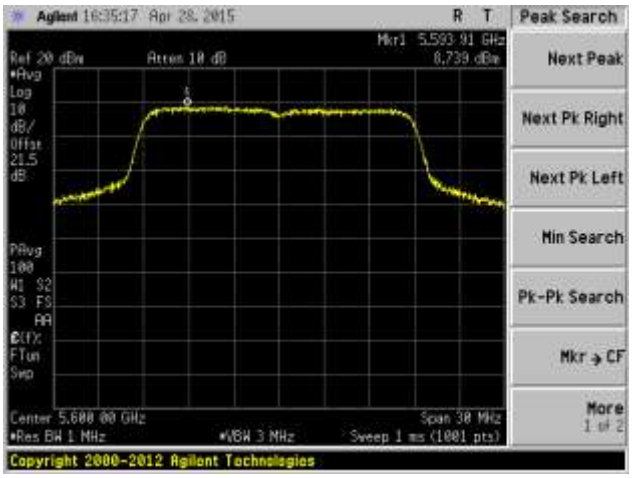
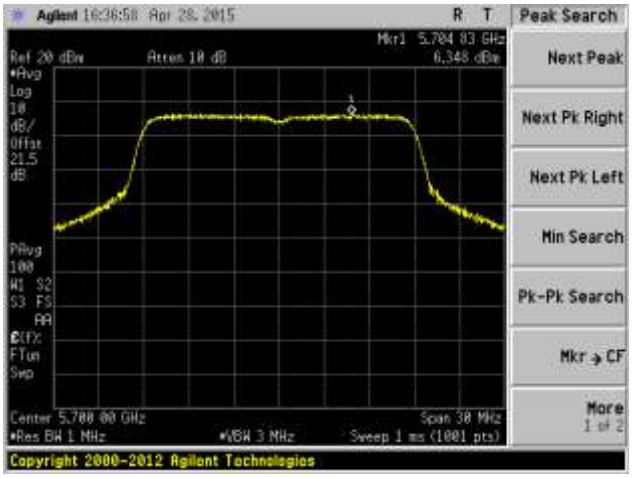
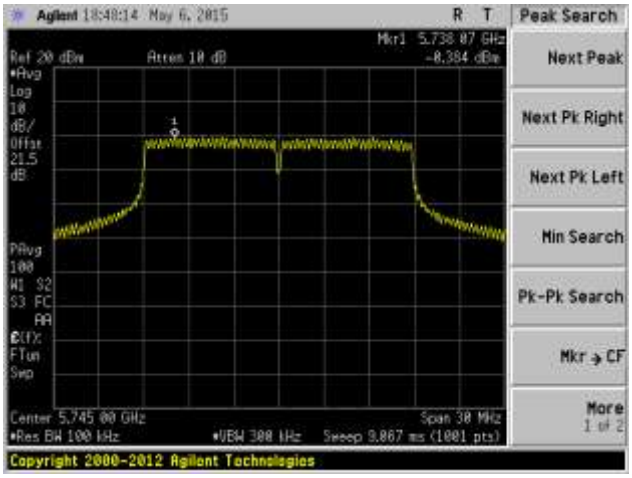
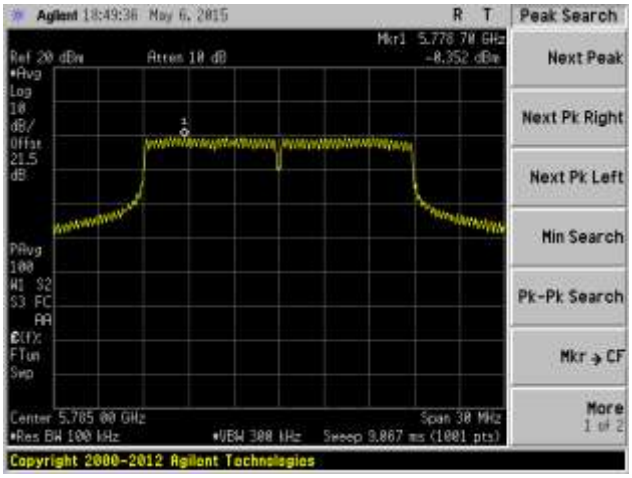
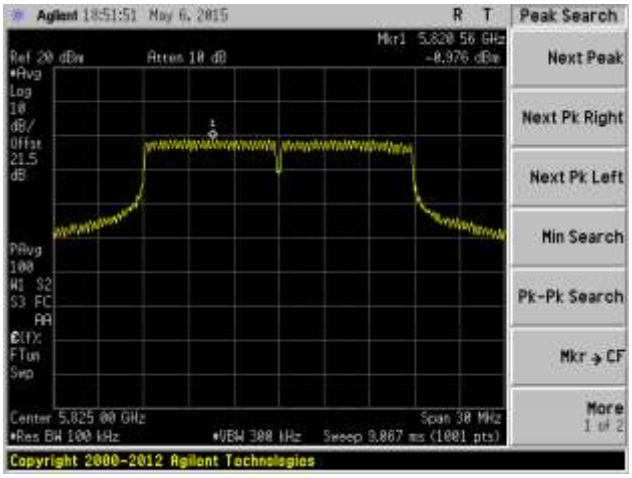


Channel 60 (5300MHz)



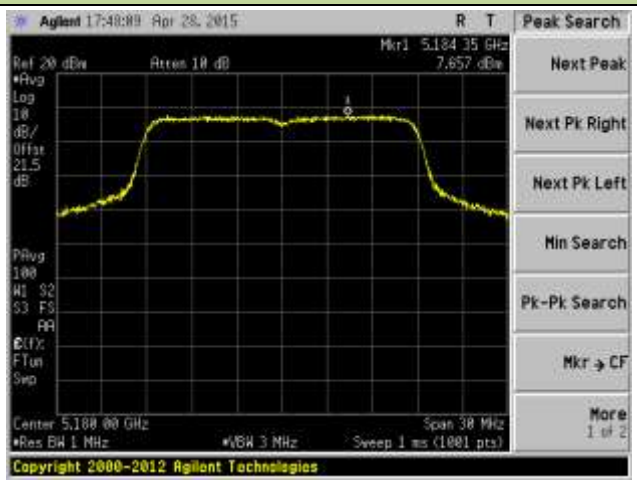
Channel 64 (5320MHz)



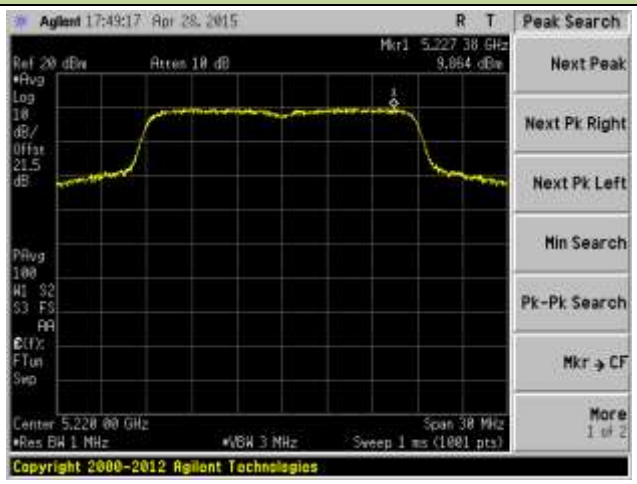
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 1

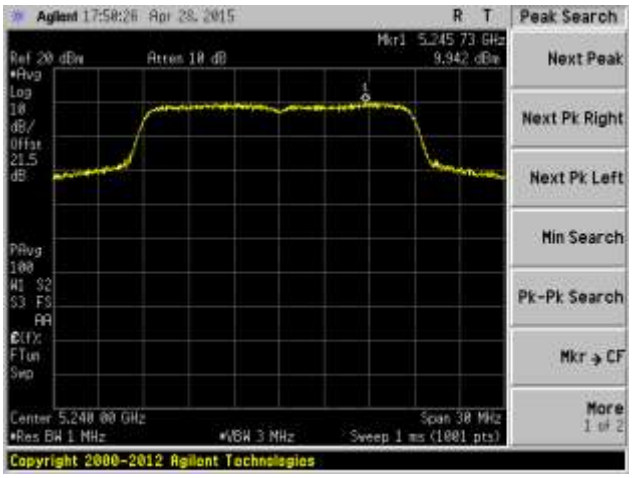
Channel 36 (5180MHz)



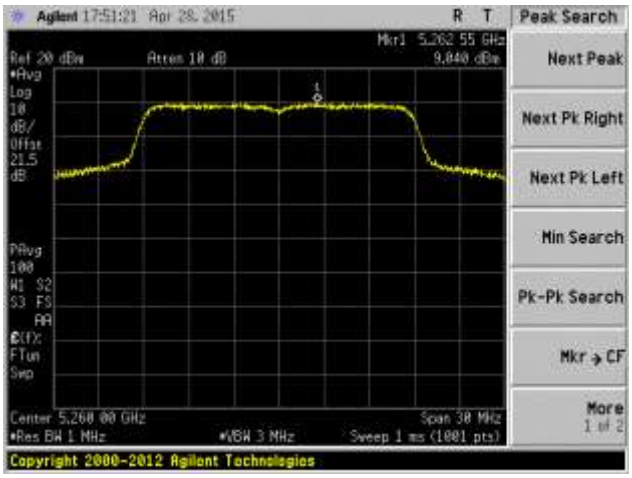
Channel 44 (5220MHz)



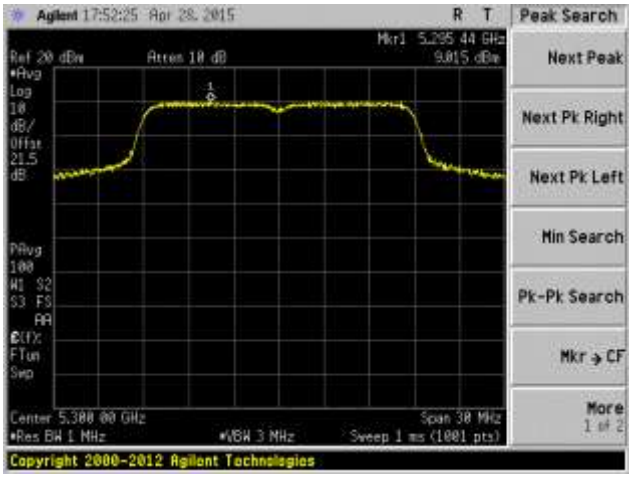
Channel 48 (5240MHz)



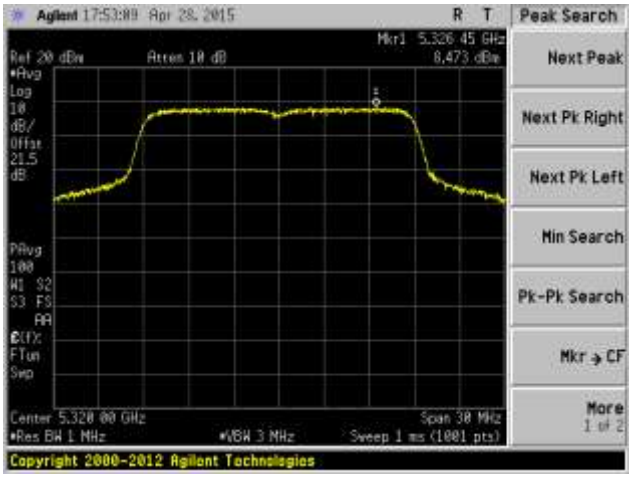
Channel 52 (5260MHz)

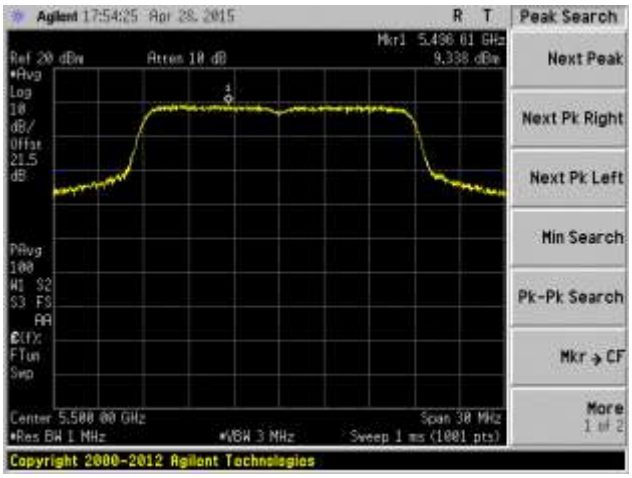
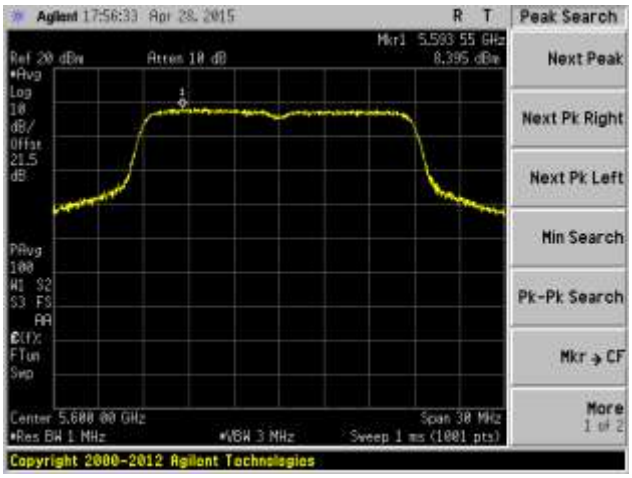
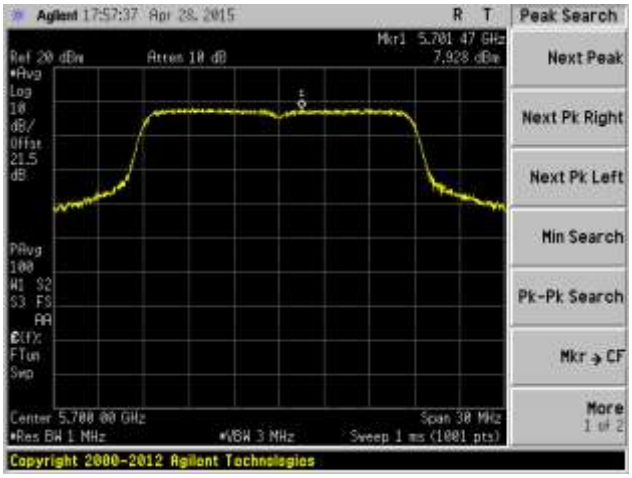
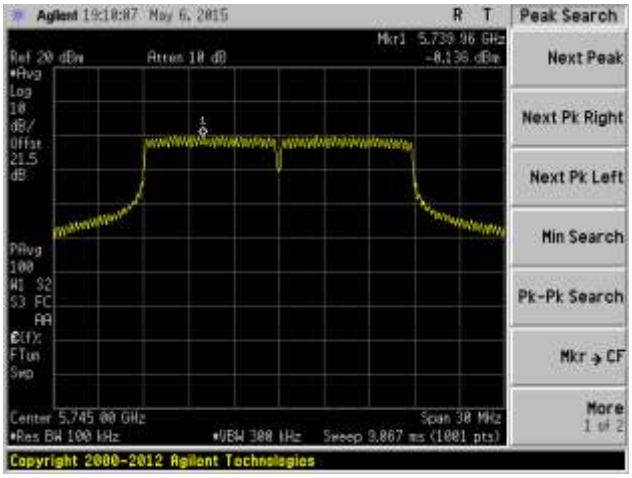
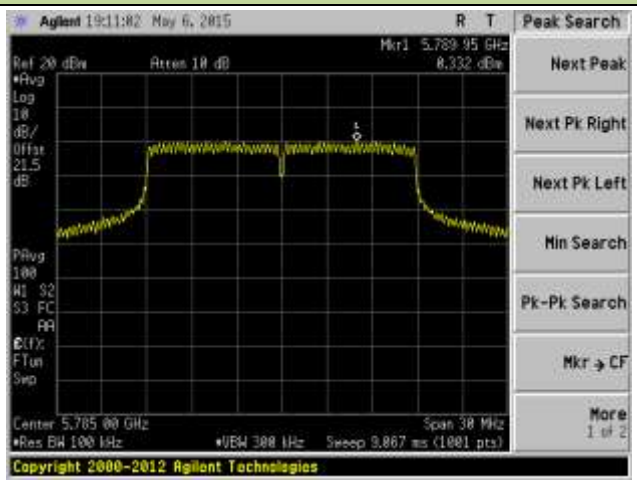
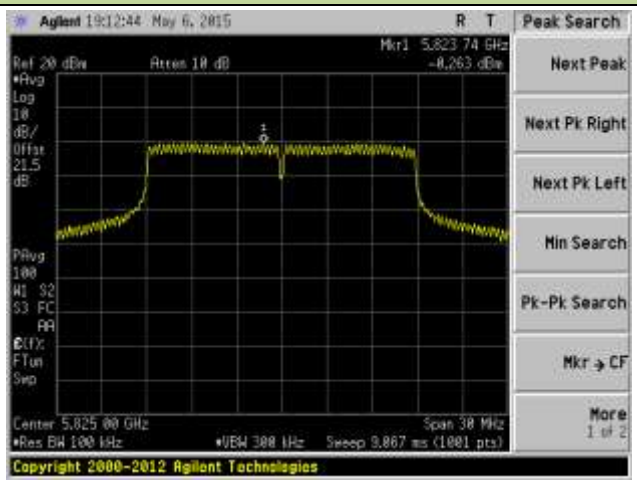


Channel 60 (5300MHz)



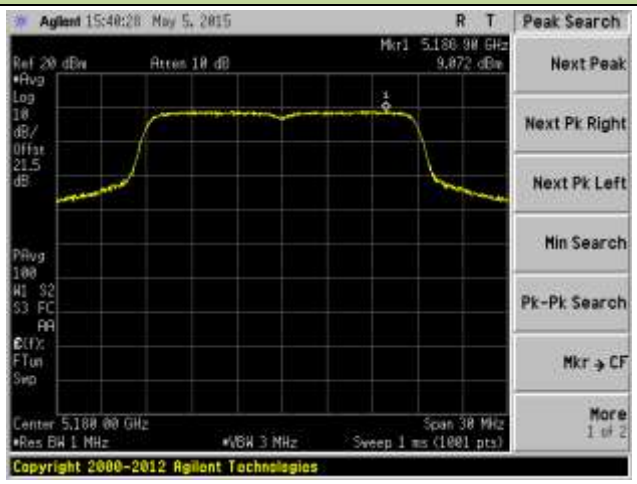
Channel 64 (5320MHz)



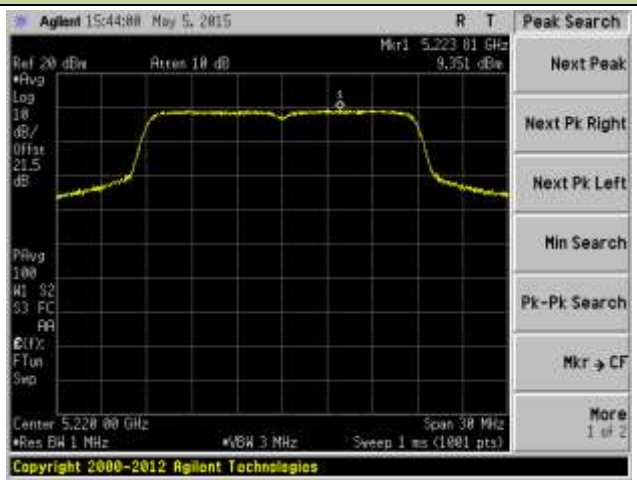
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 2

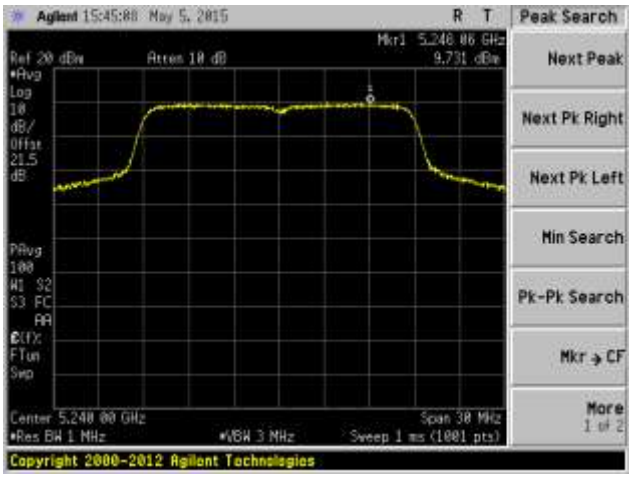
Channel 36 (5180MHz)



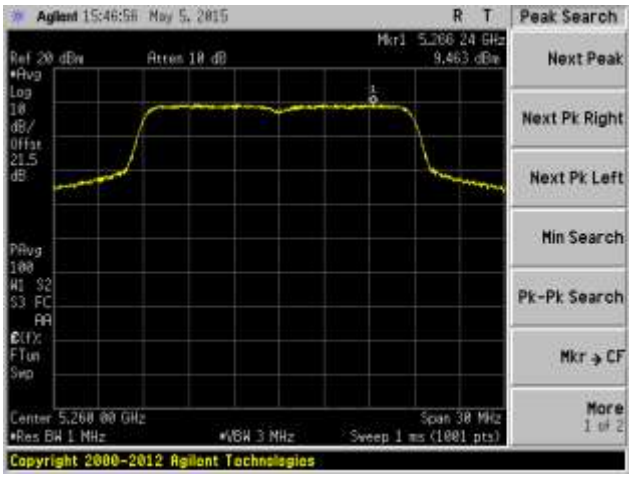
Channel 44 (5220MHz)



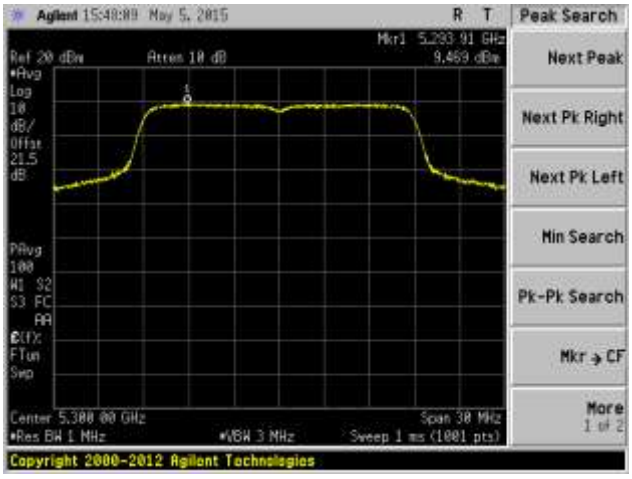
Channel 48 (5240MHz)



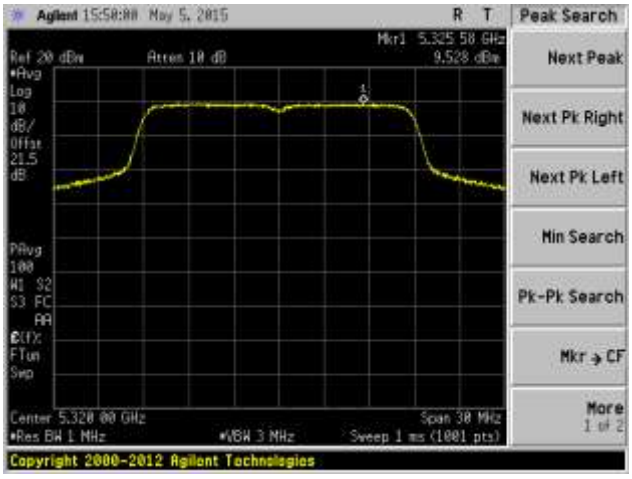
Channel 52 (5260MHz)

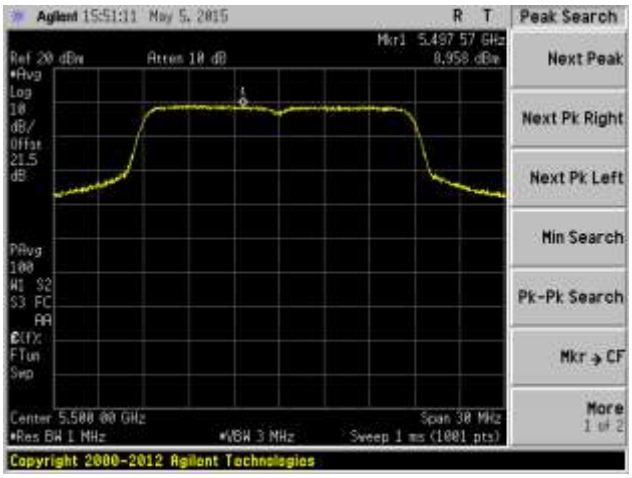
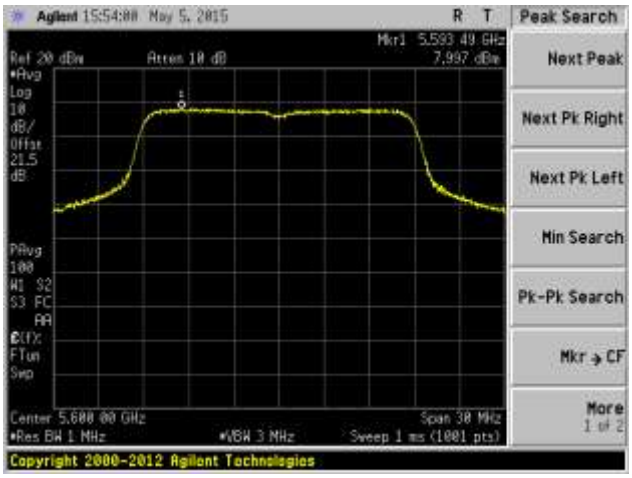
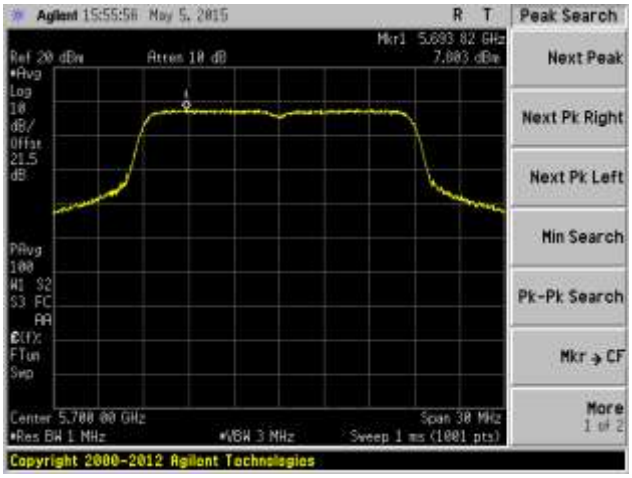
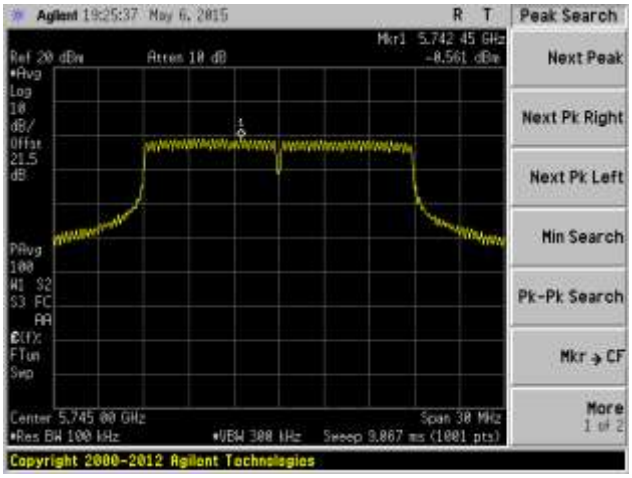
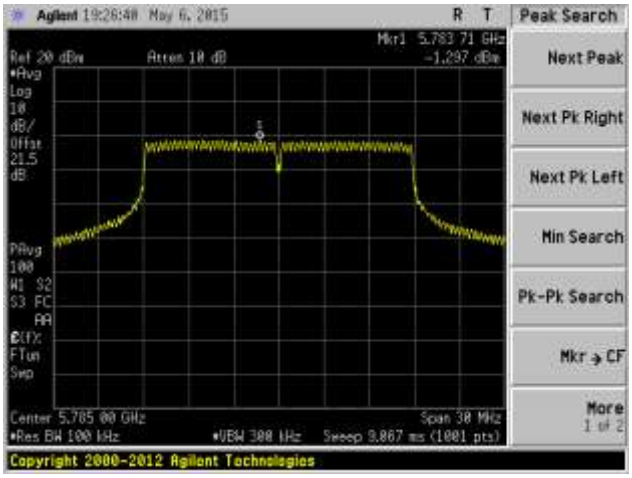
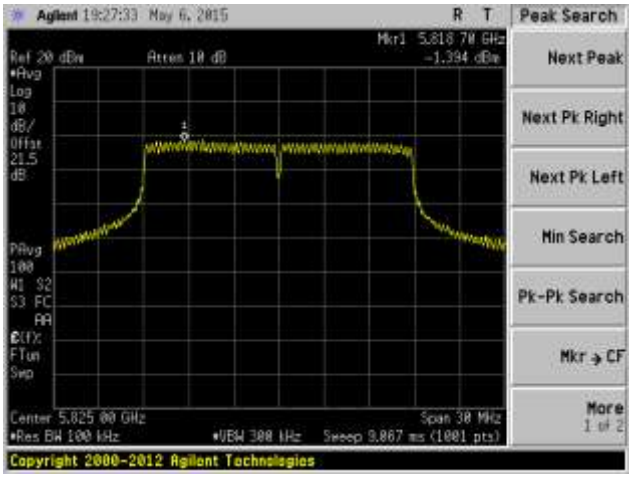


Channel 60 (5300MHz)



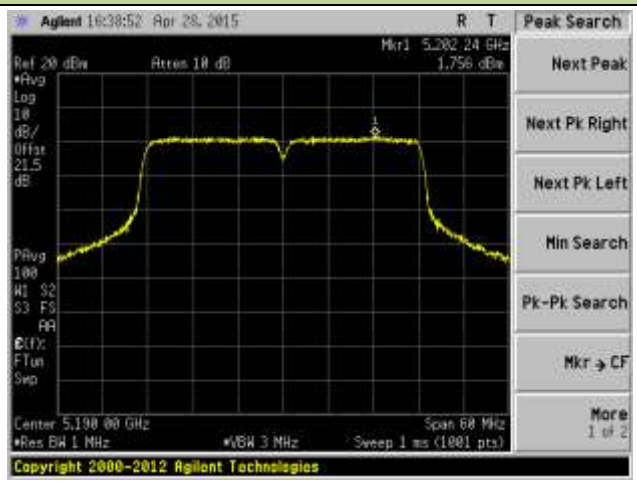
Channel 64 (5320MHz)



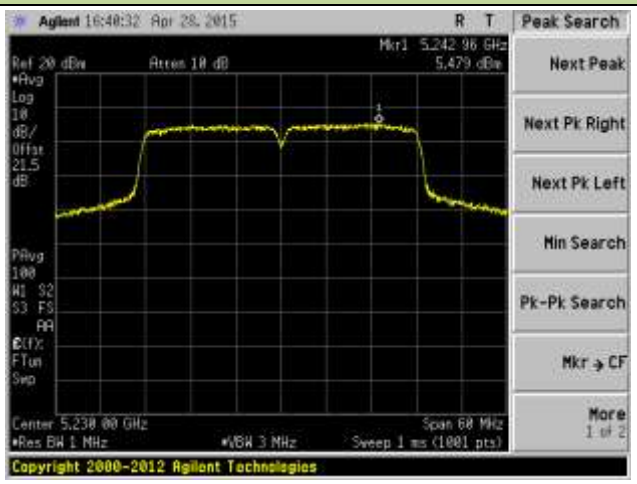
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT40 Power Spectral Density - Ant 0

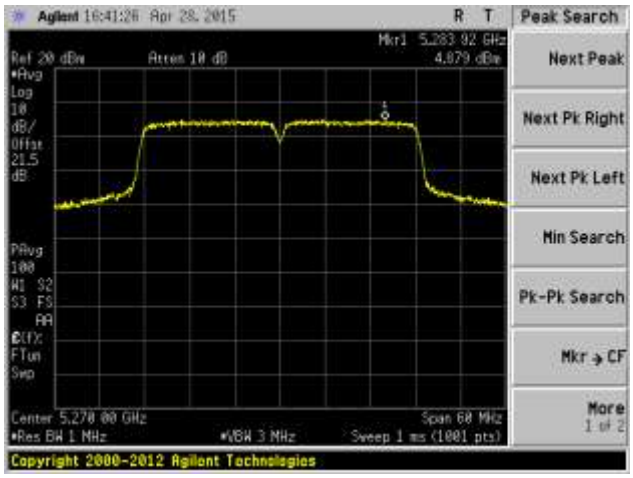
Channel 38 (5190MHz)



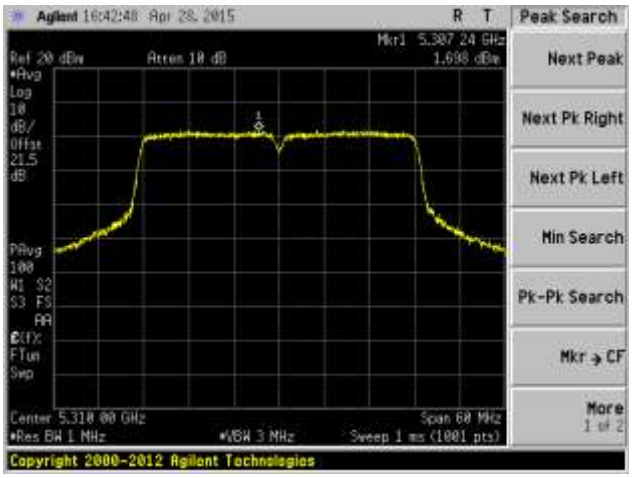
Channel 46 (5230MHz)



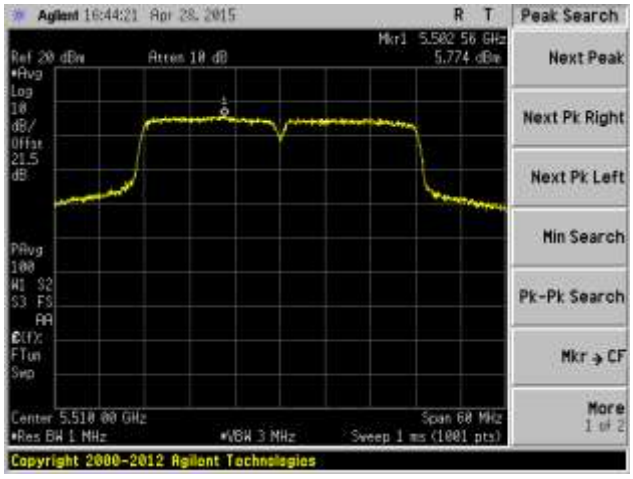
Channel 54 (5270MHz)



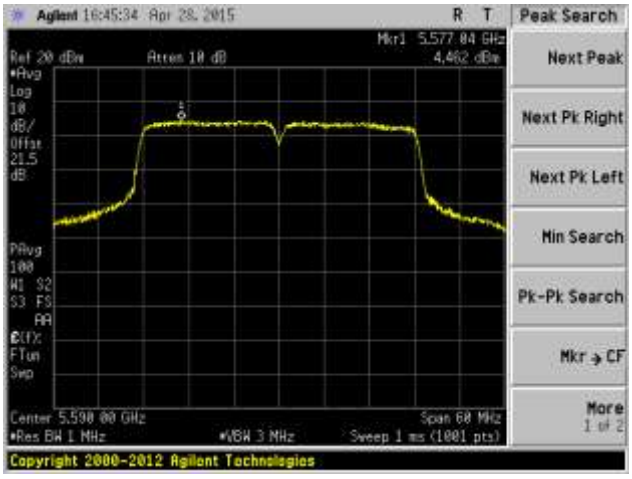
Channel 62 (5310MHz)

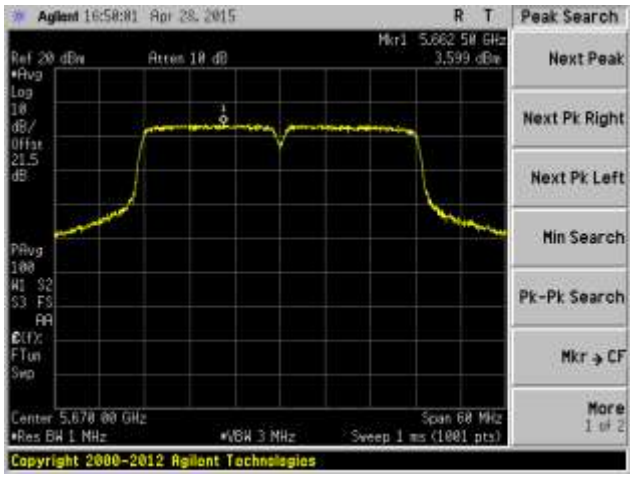
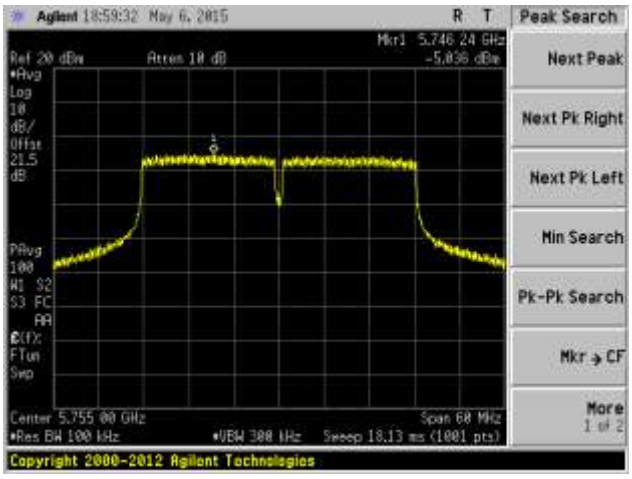
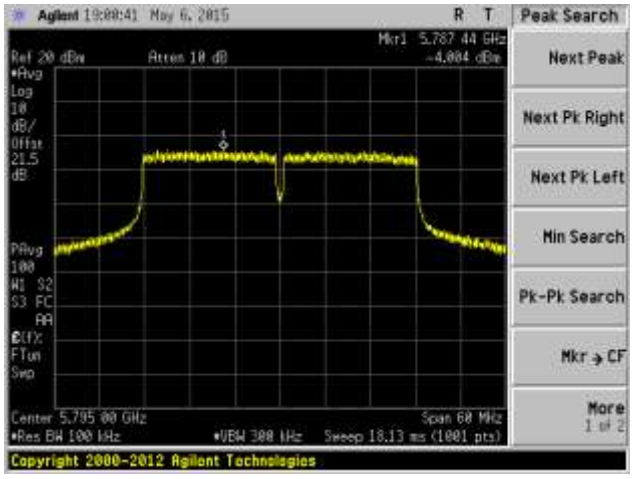


Channel 102 (5510MHz)



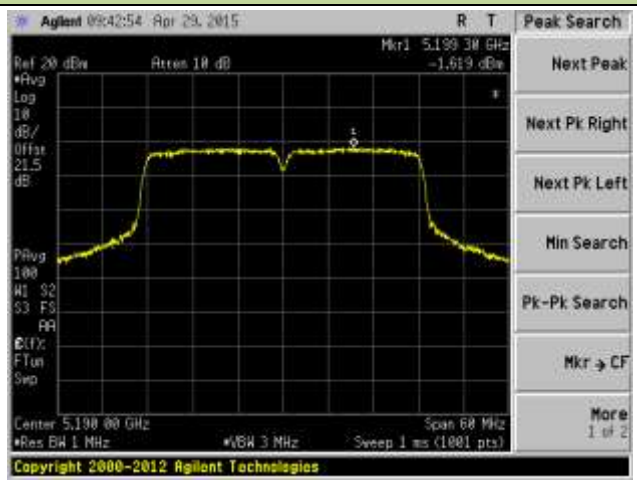
Channel 118 (5590MHz)



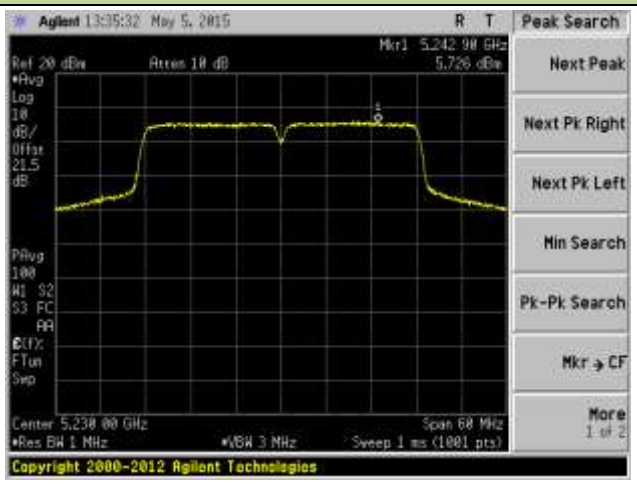
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 1

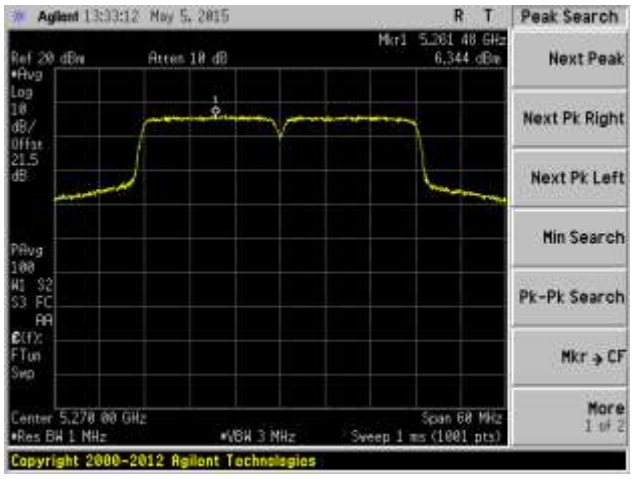
Channel 38 (5190MHz)



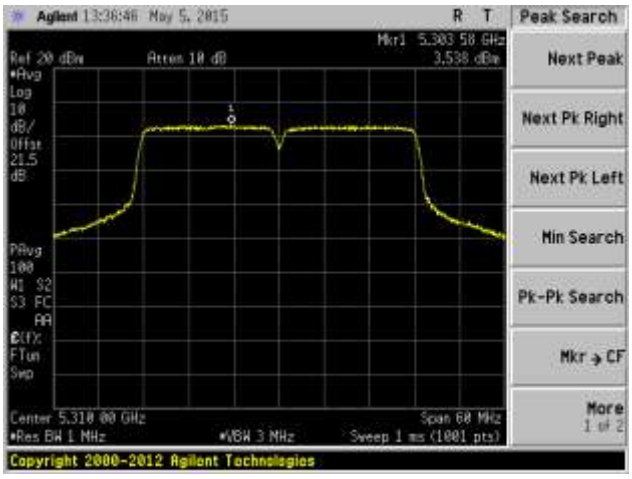
Channel 46 (5230MHz)



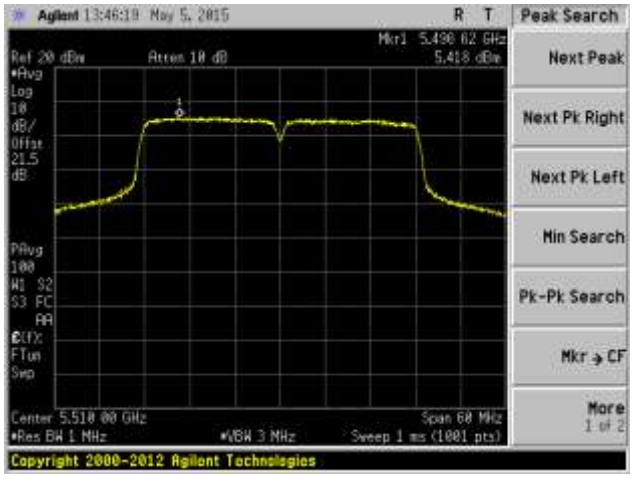
Channel 54 (5270MHz)



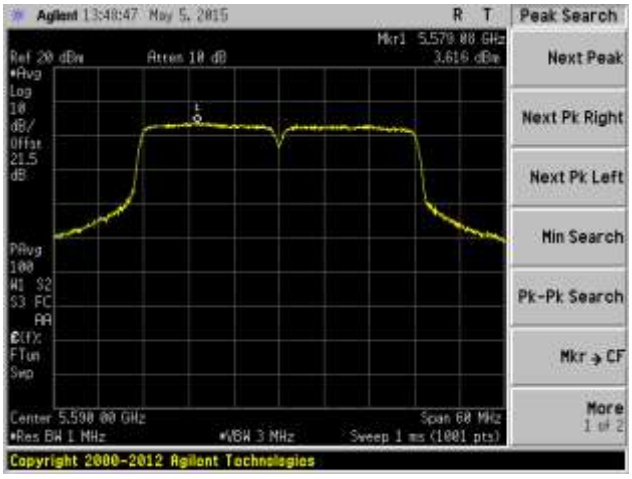
Channel 62 (5310MHz)

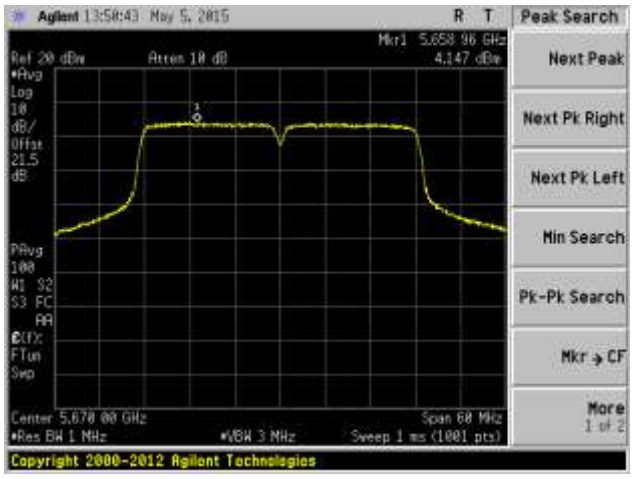
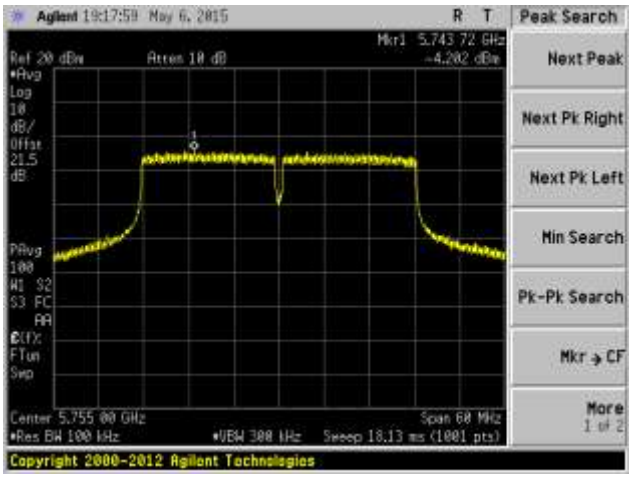
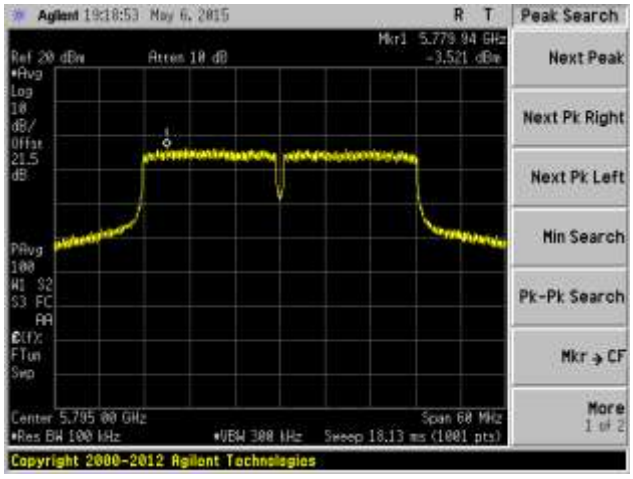


Channel 102 (5510MHz)



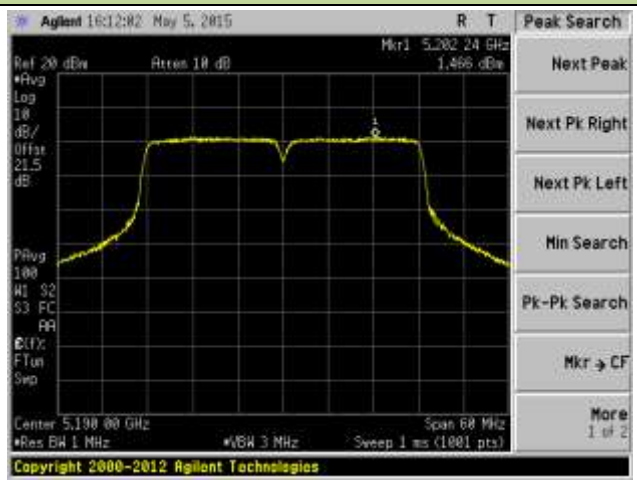
Channel 118 (5590MHz)



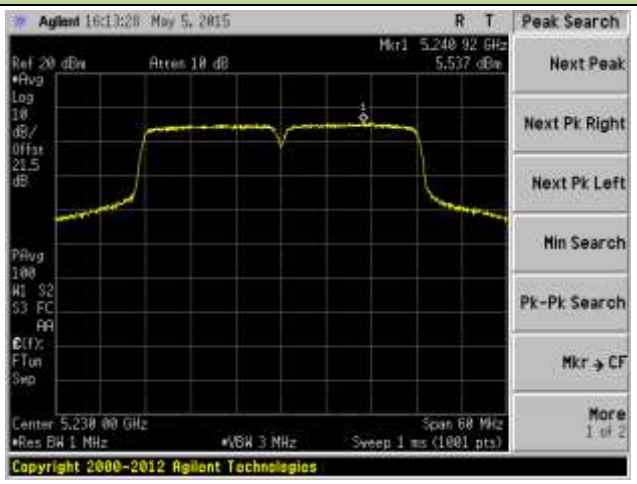
Channel 134 (5670MHz)	Channel 151 (5755 MHz)
	
Channel 159 (5795 MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 2

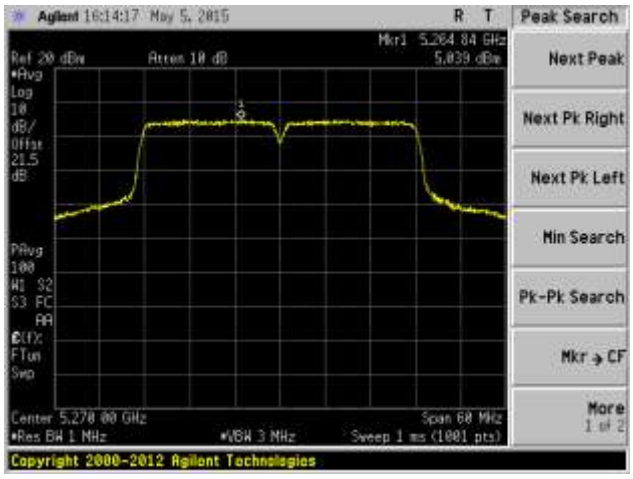
Channel 38 (5190MHz)



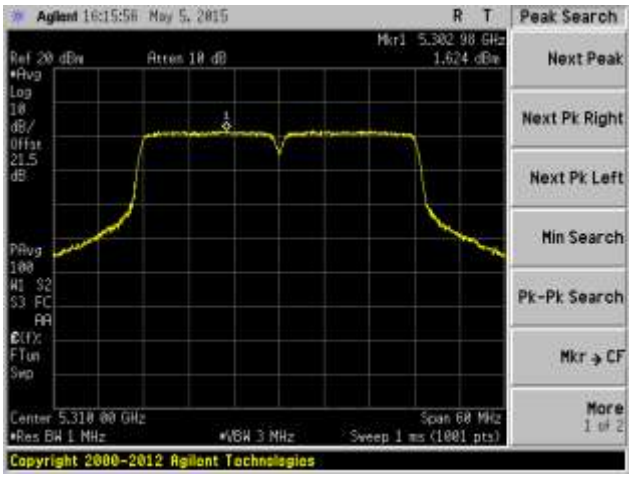
Channel 46 (5230MHz)



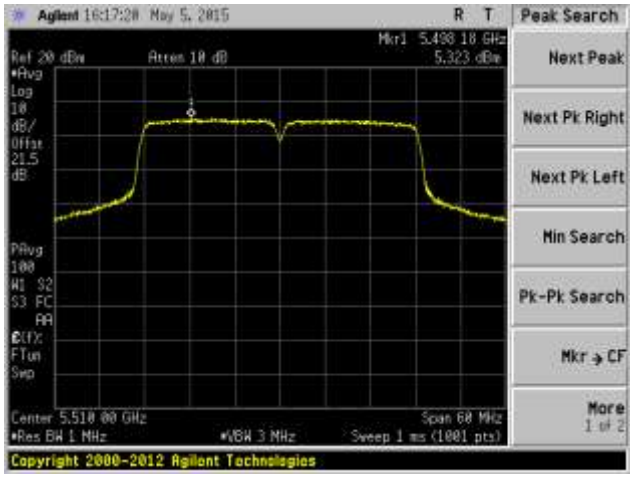
Channel 54 (5270MHz)



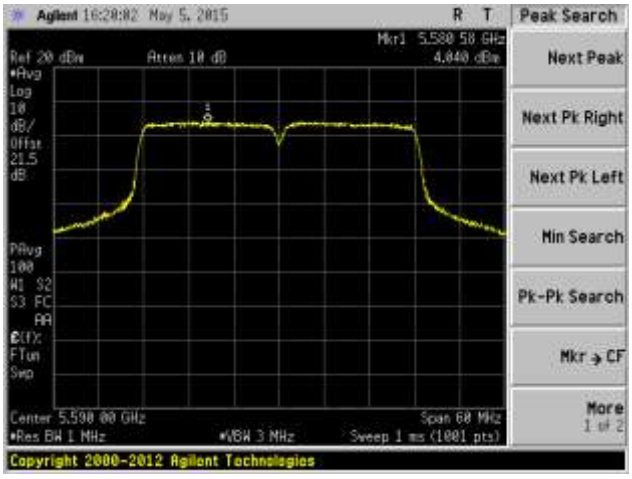
Channel 62 (5310MHz)

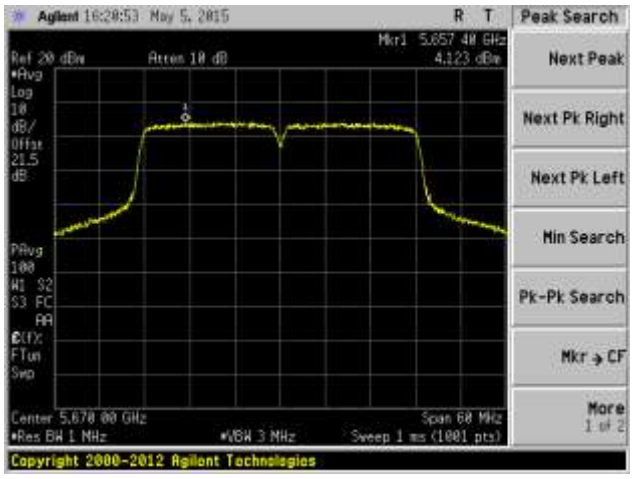
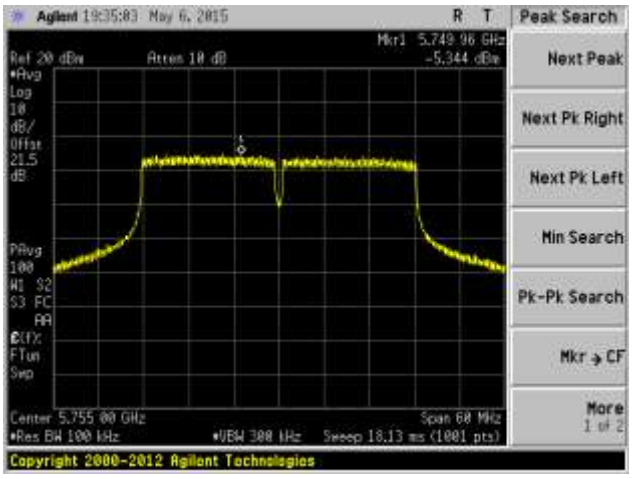
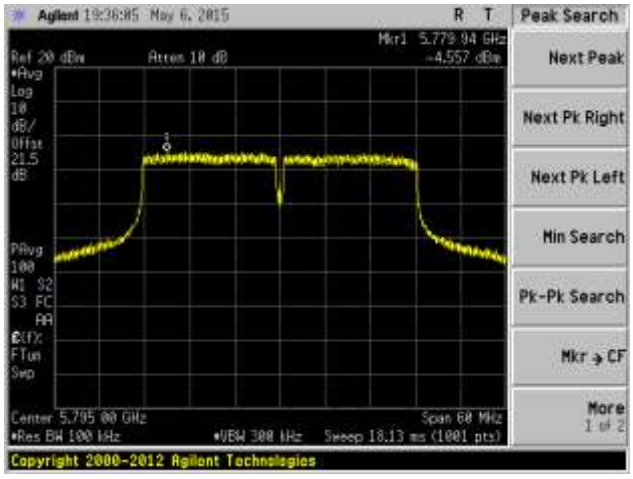


Channel 102 (5510MHz)



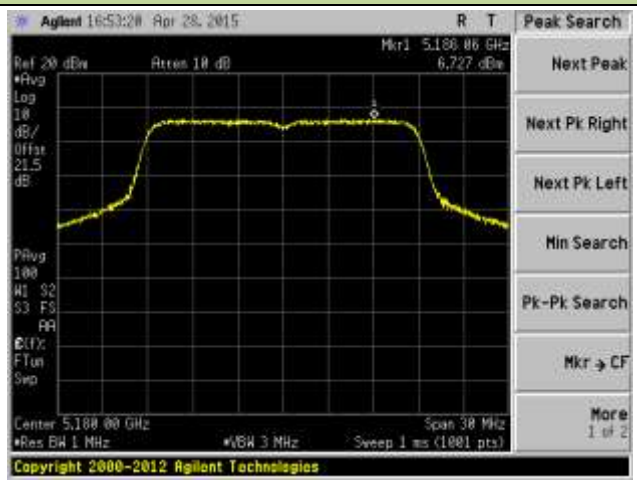
Channel 118 (5590MHz)



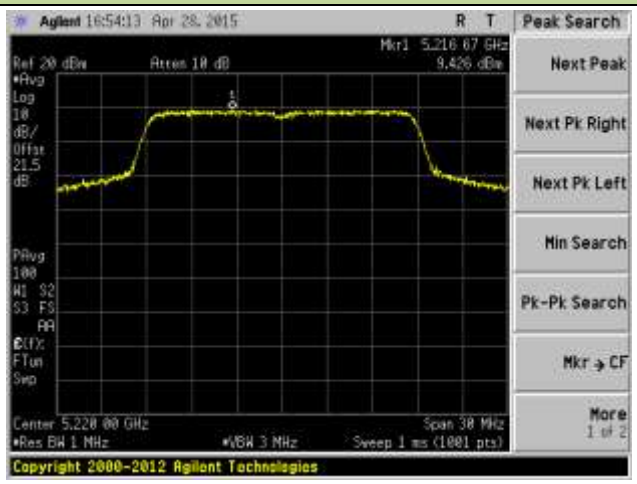
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 0

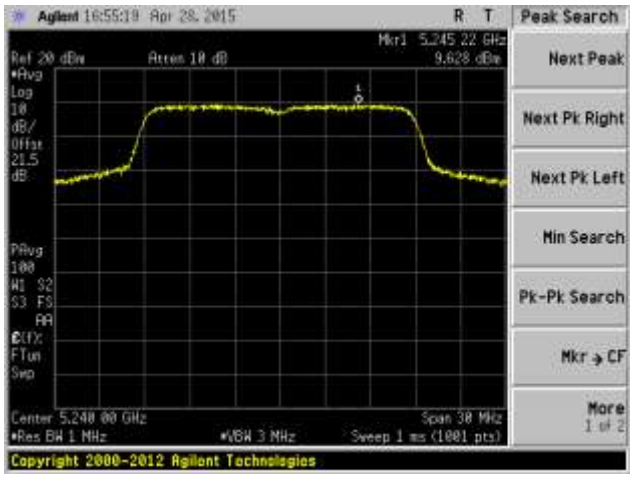
Channel 36 (5180MHz)



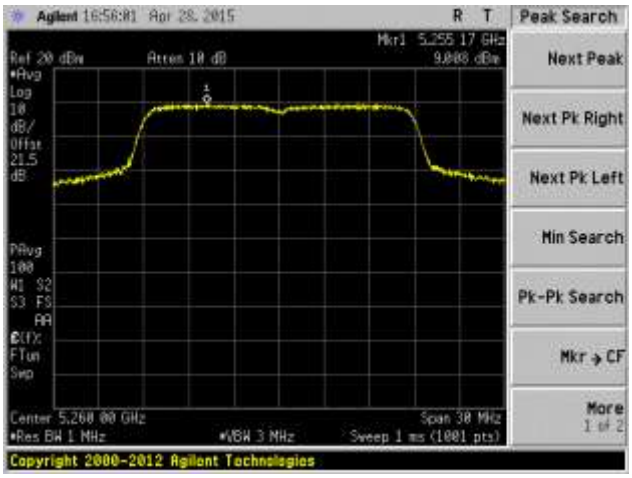
Channel 44 (5220MHz)



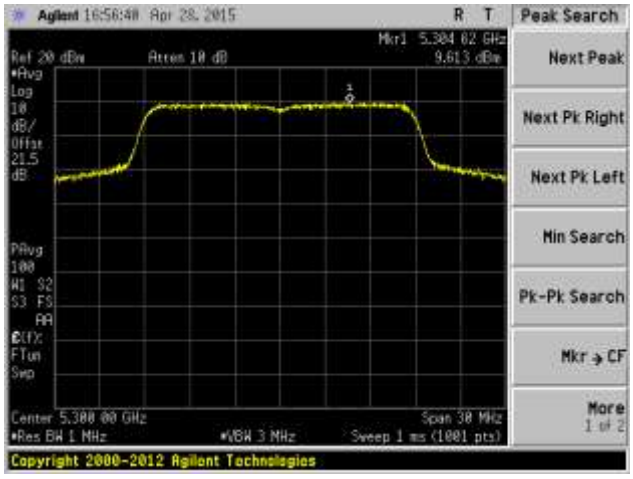
Channel 48 (5240MHz)



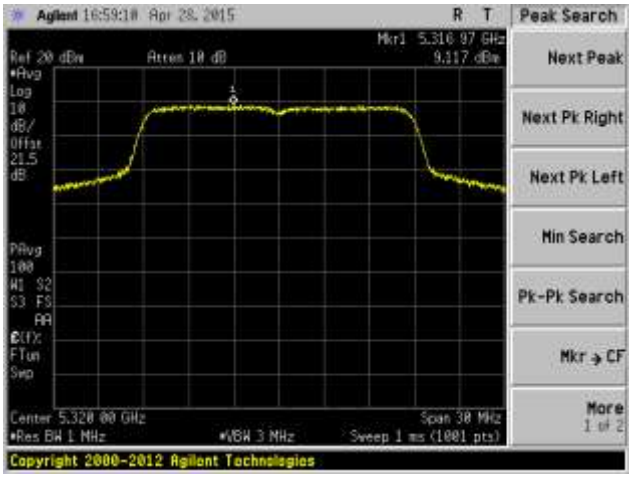
Channel 52 (5260MHz)

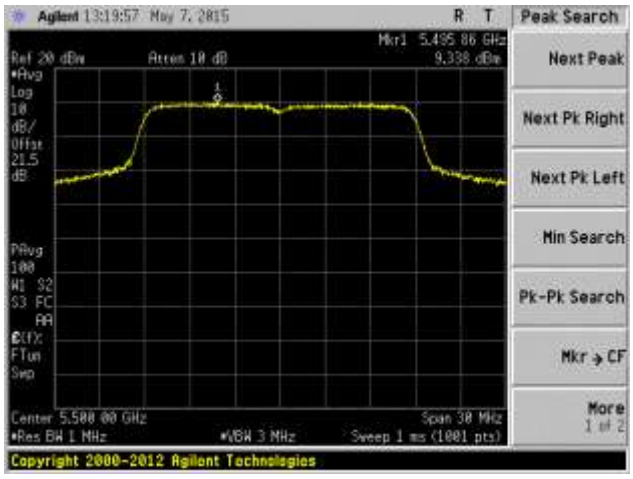
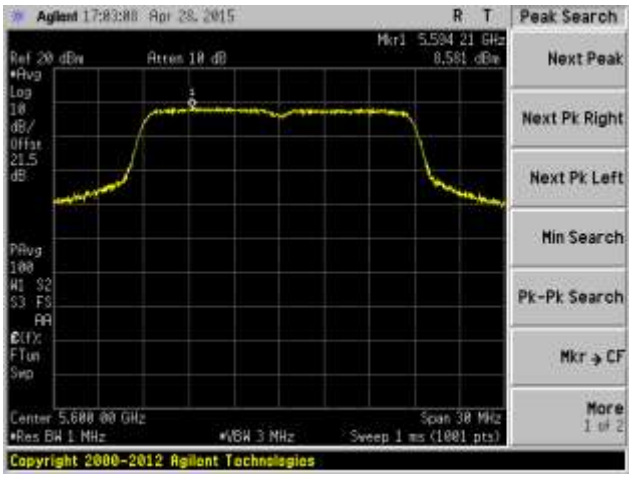
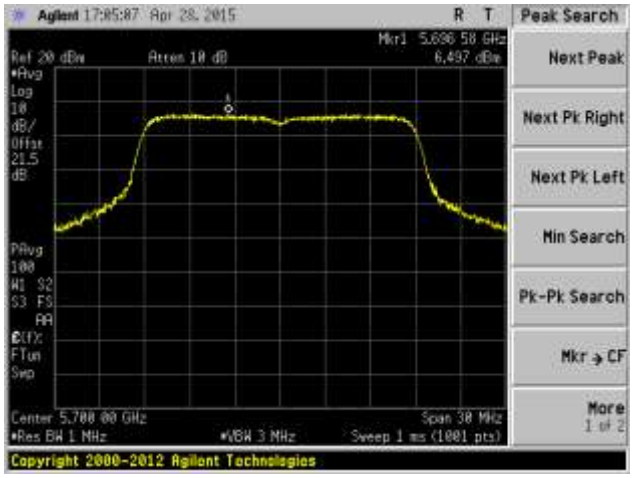
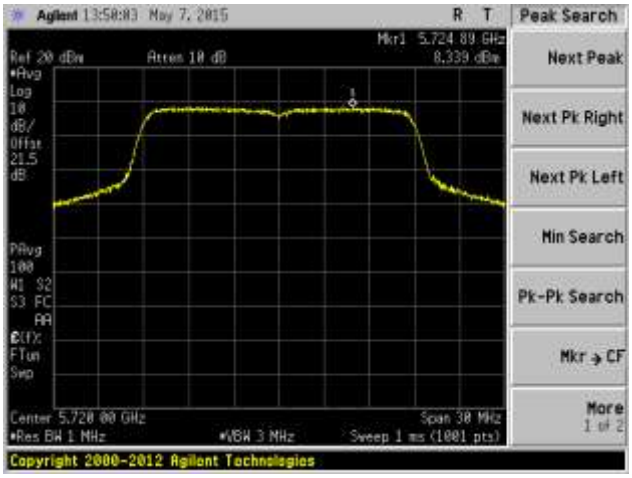
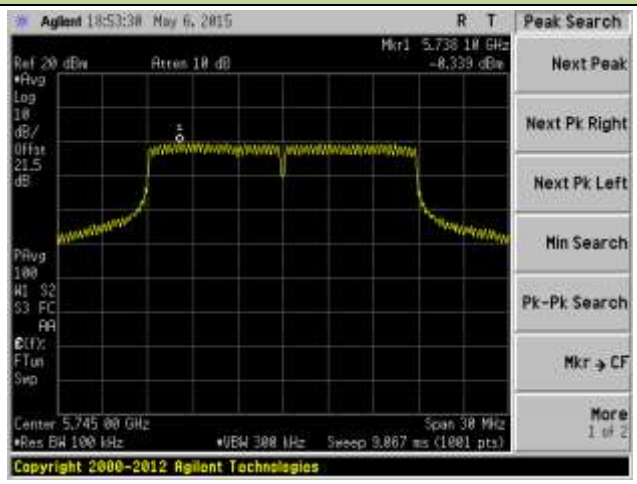
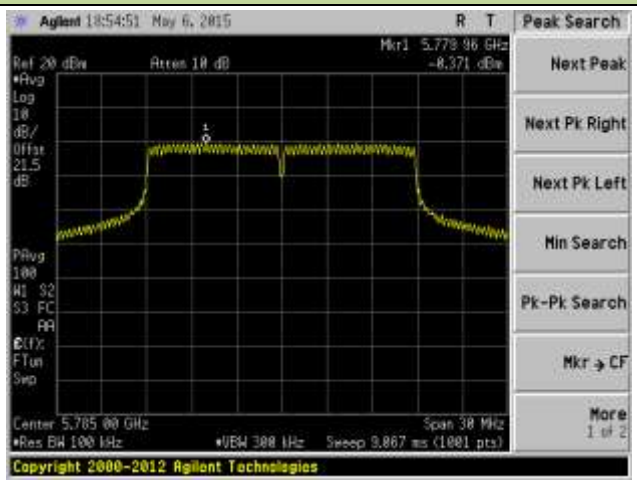


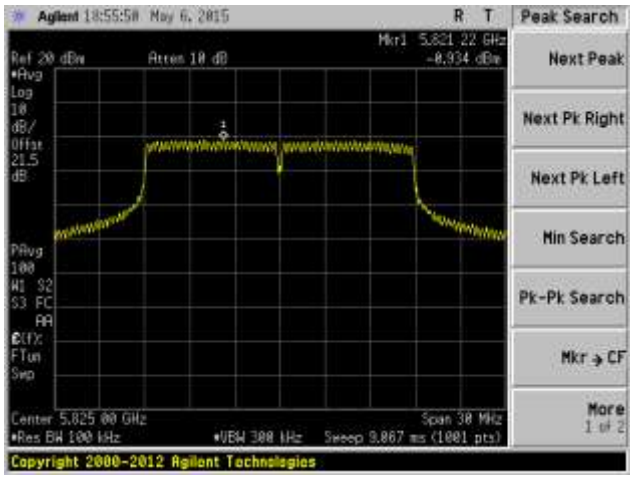
Channel 60 (5300MHz)



Channel 64 (5320MHz)

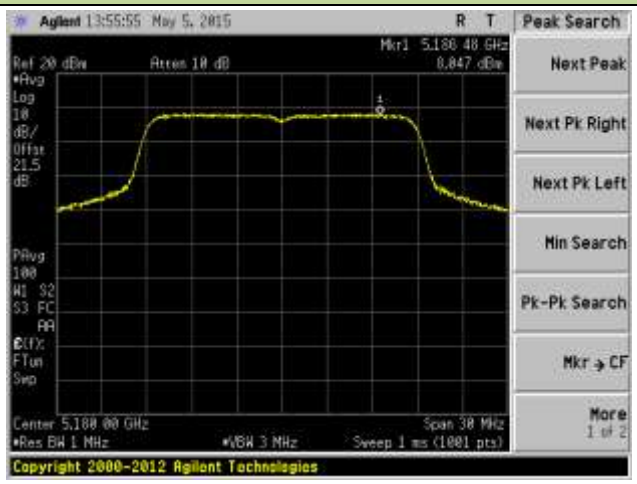


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

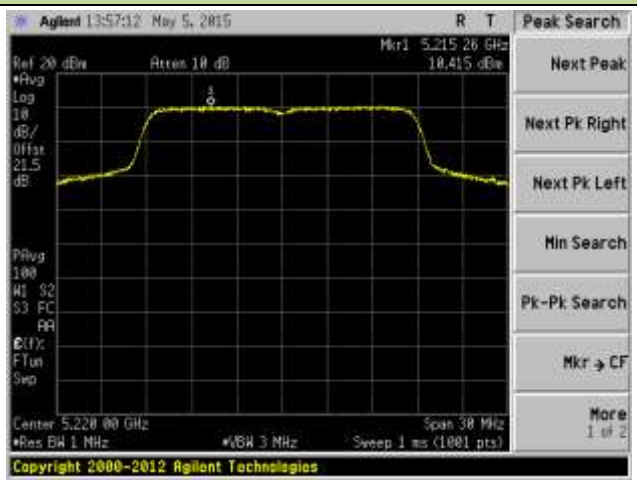
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1

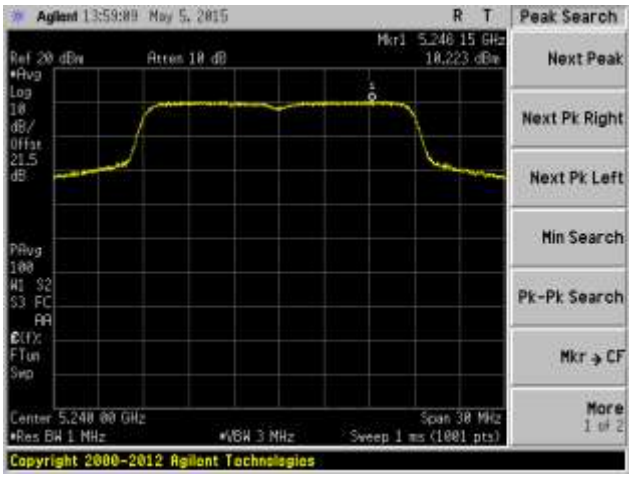
Channel 36 (5180MHz)



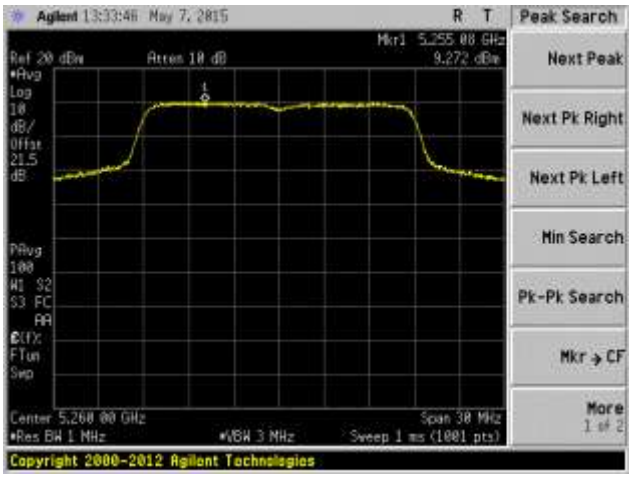
Channel 44 (5220MHz)



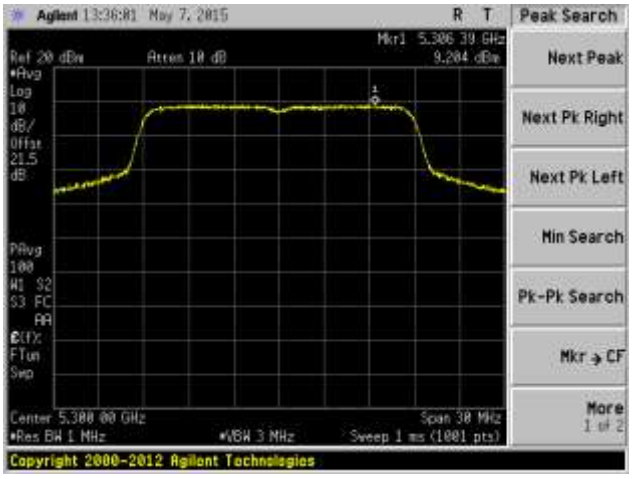
Channel 48 (5240MHz)



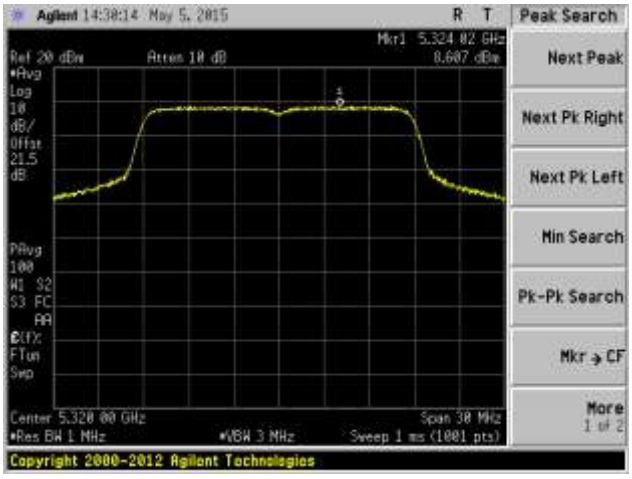
Channel 52 (5260MHz)

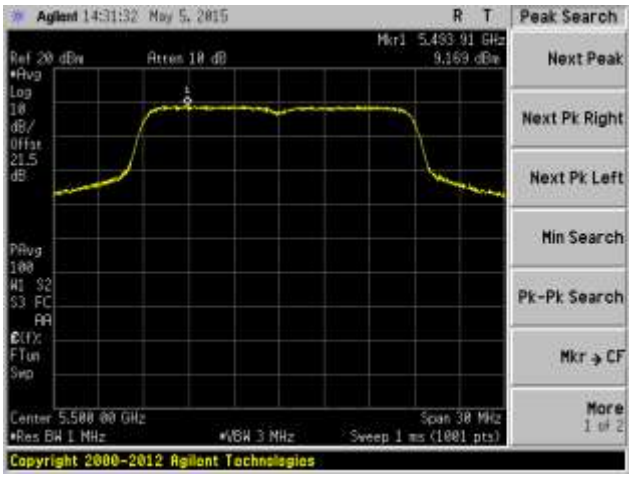
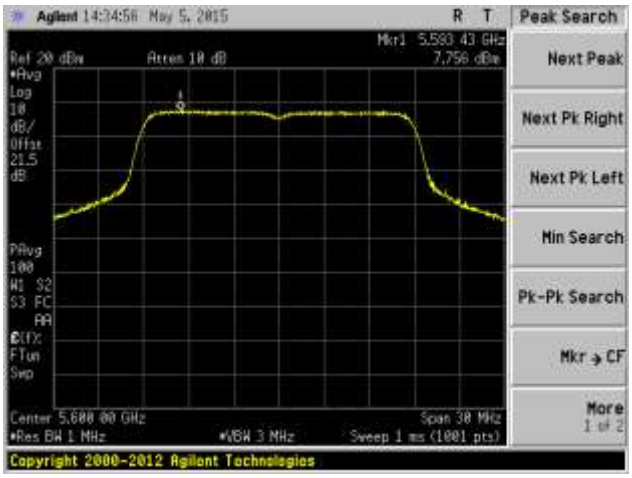
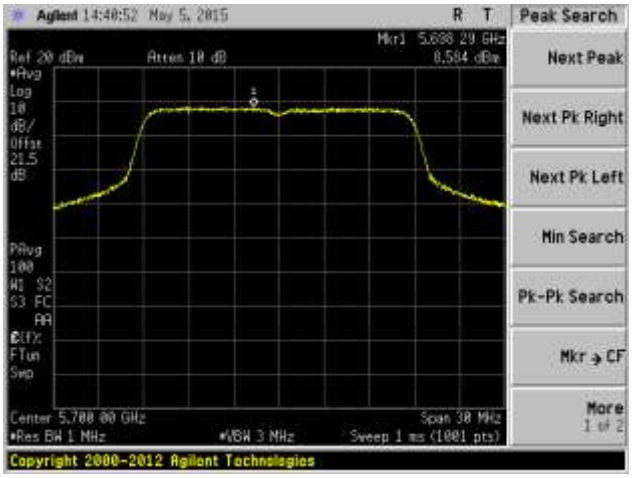
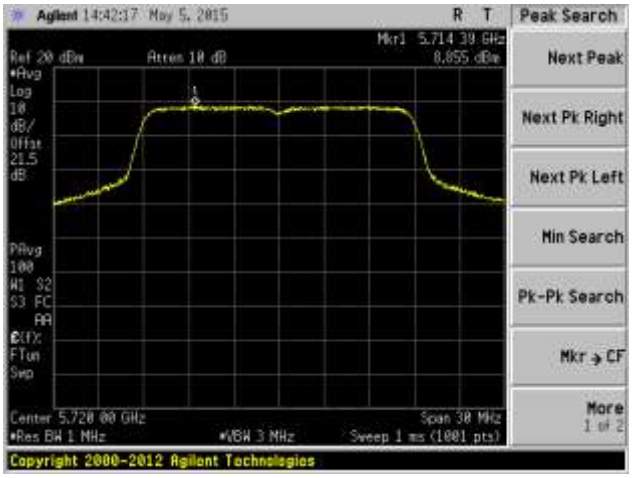
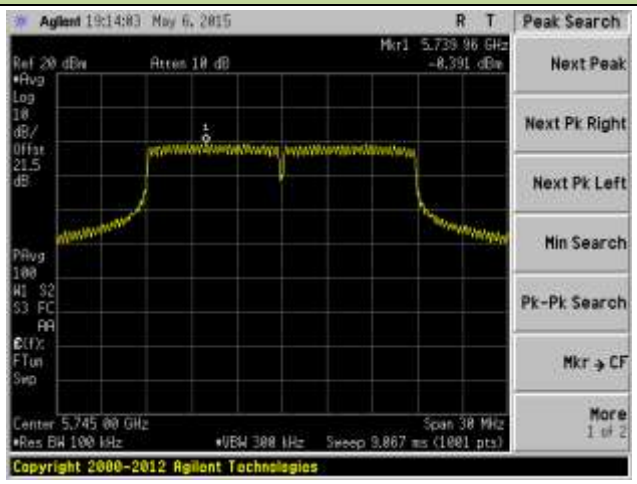
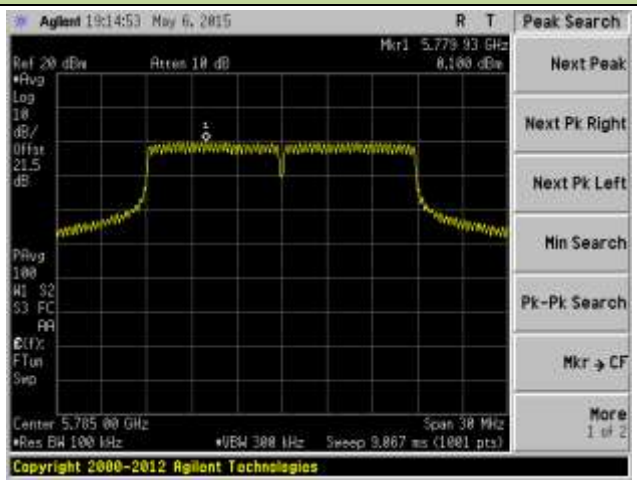


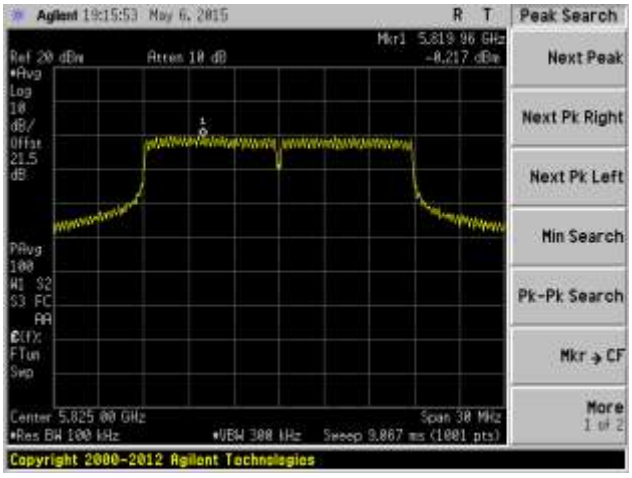
Channel 60 (5300MHz)



Channel 64 (5320MHz)

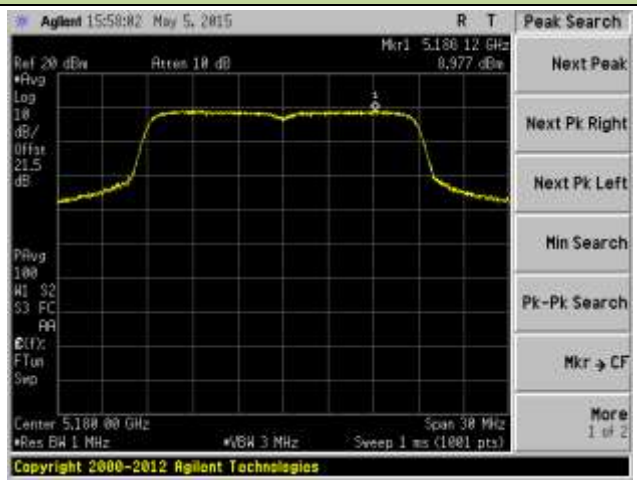


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

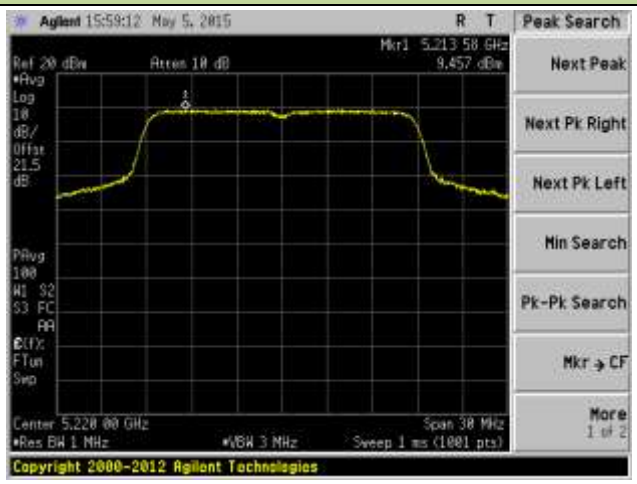
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 2

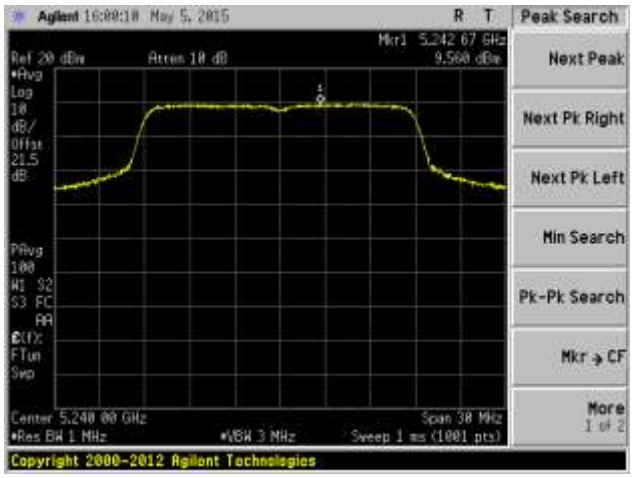
Channel 36 (5180MHz)



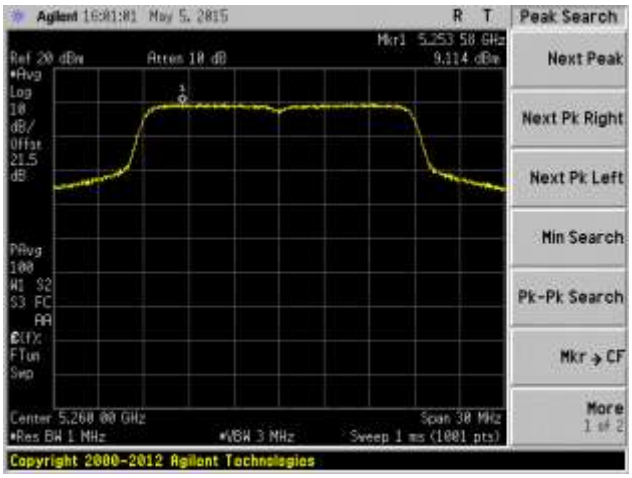
Channel 44 (5220MHz)



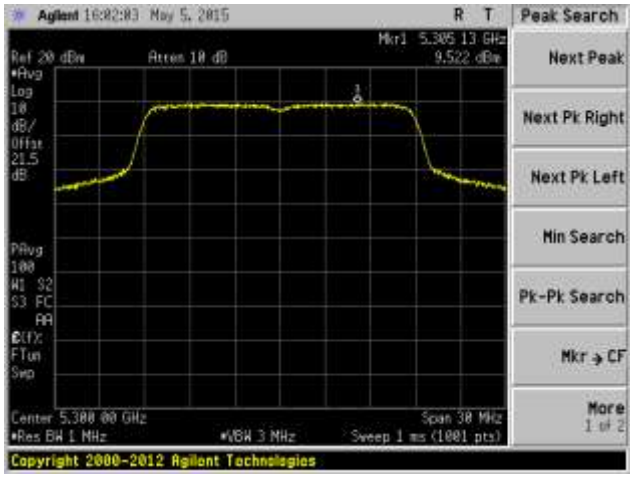
Channel 48 (5240MHz)



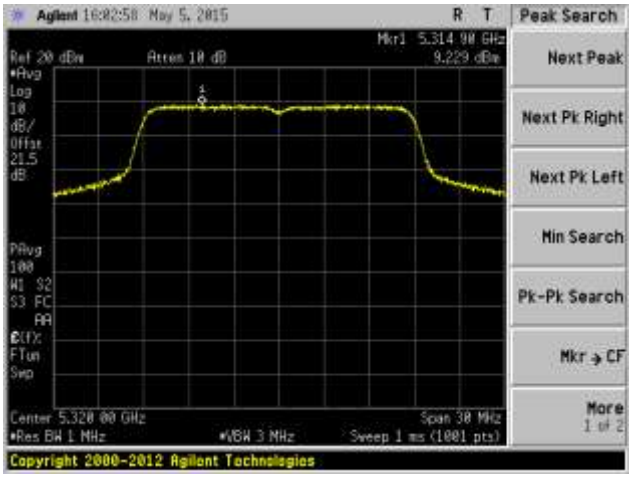
Channel 52 (5260MHz)

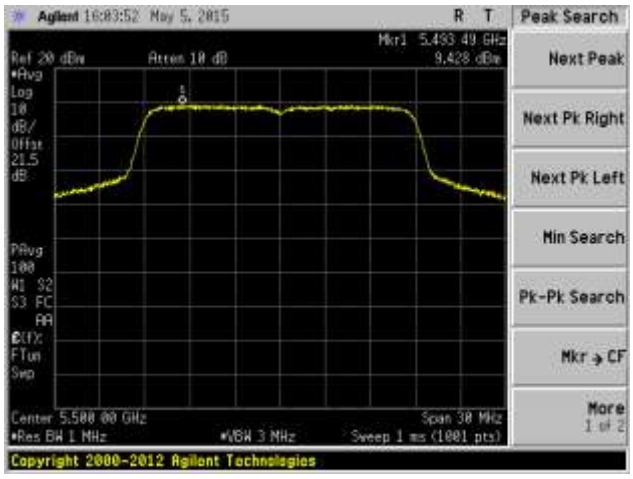
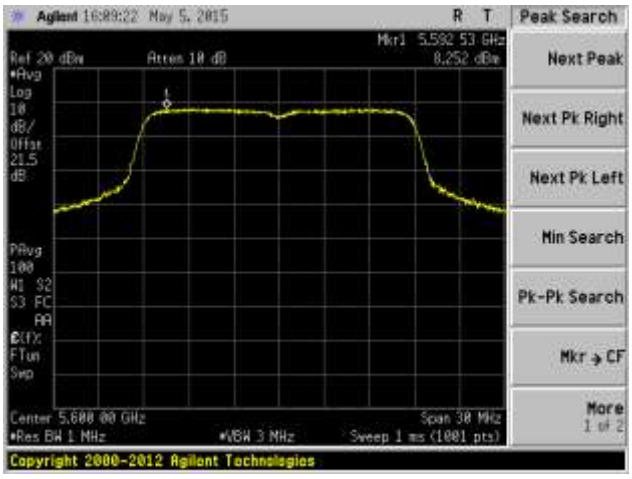
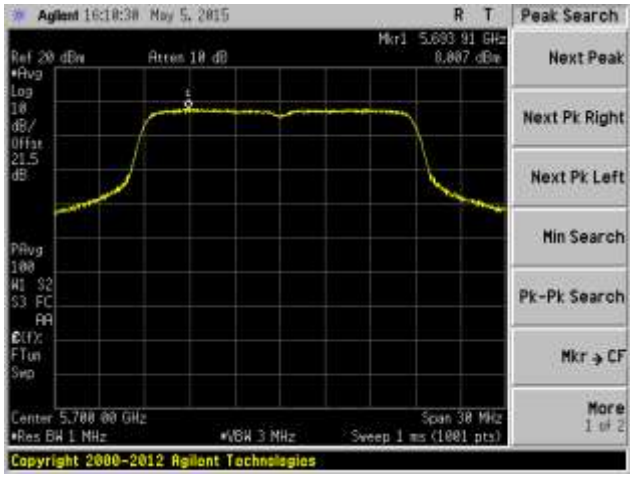
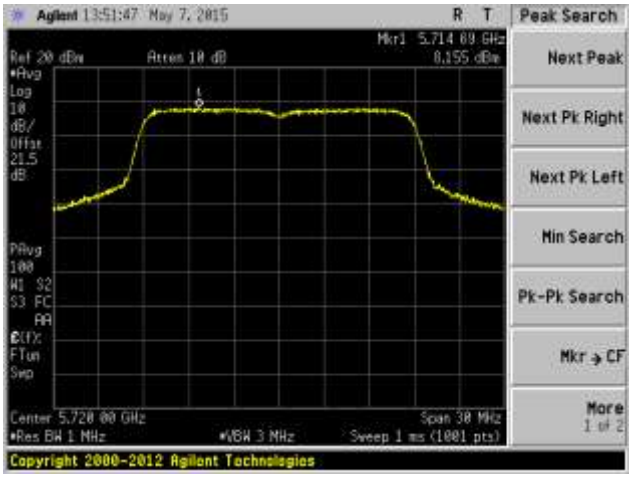
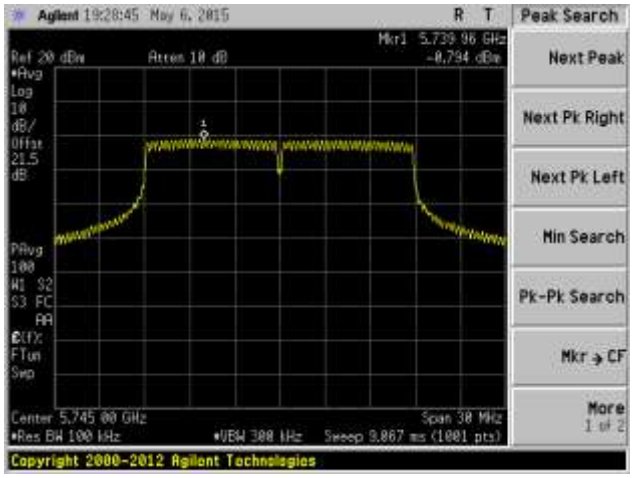
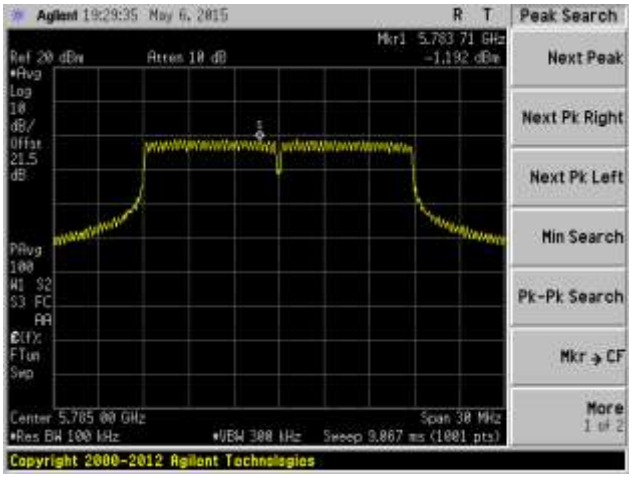


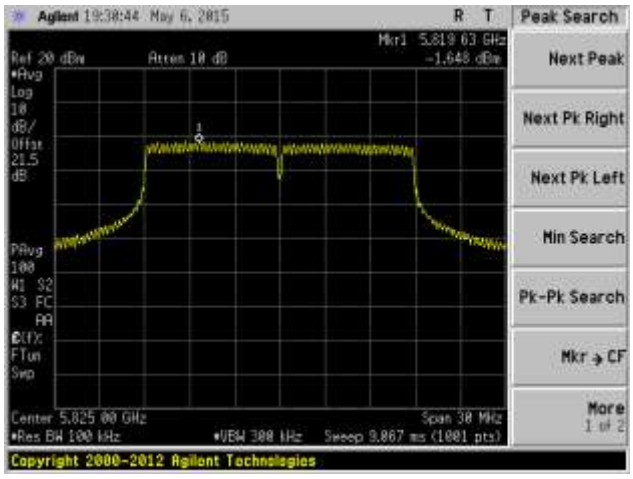
Channel 60 (5300MHz)



Channel 64 (5320MHz)

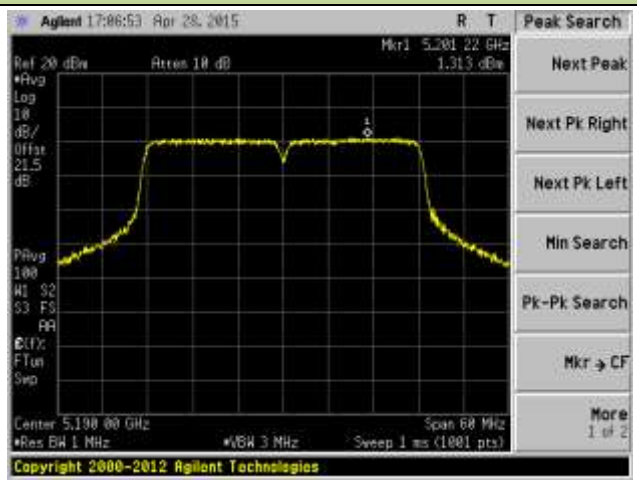


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

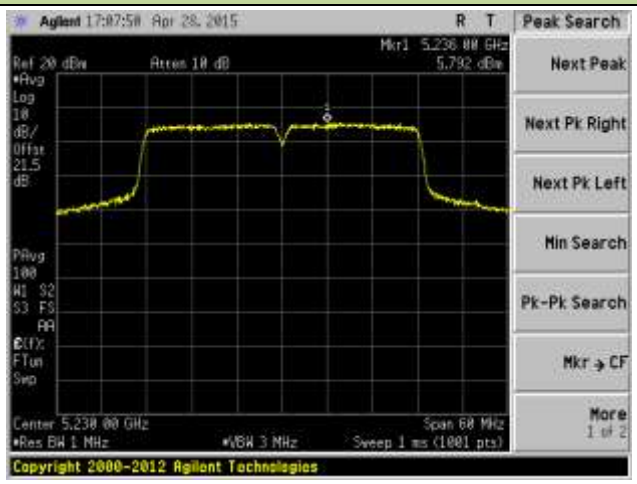
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 0

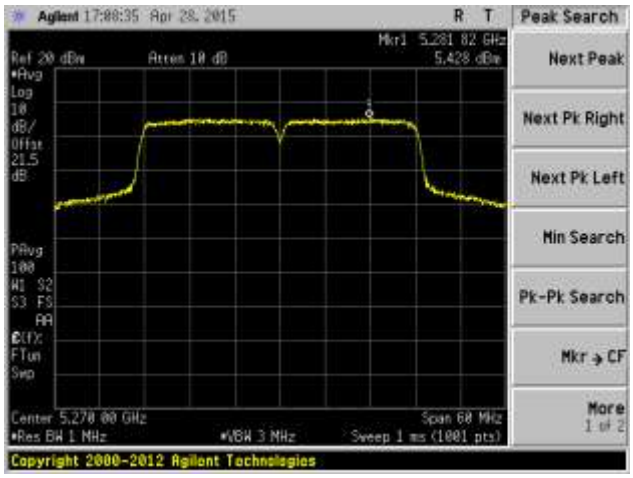
Channel 38 (5190MHz)



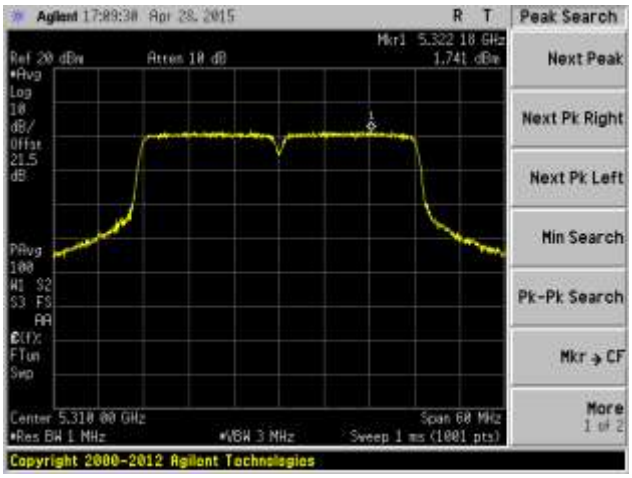
Channel 46 (5230MHz)



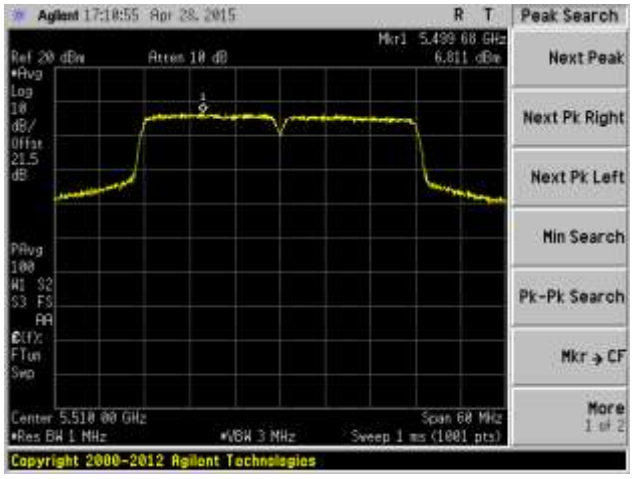
Channel 54 (5270MHz)



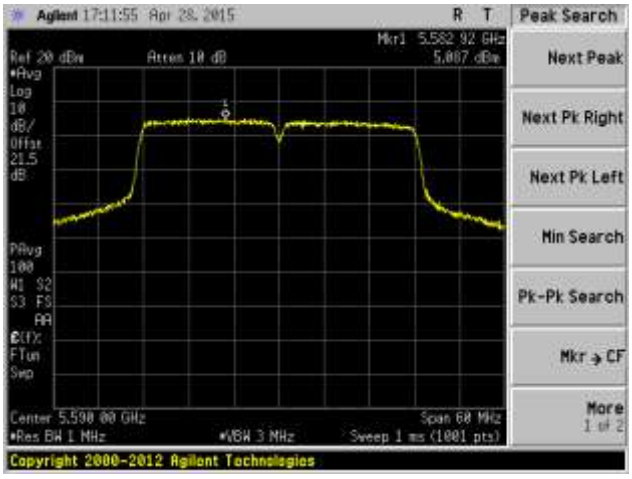
Channel 62 (5310MHz)

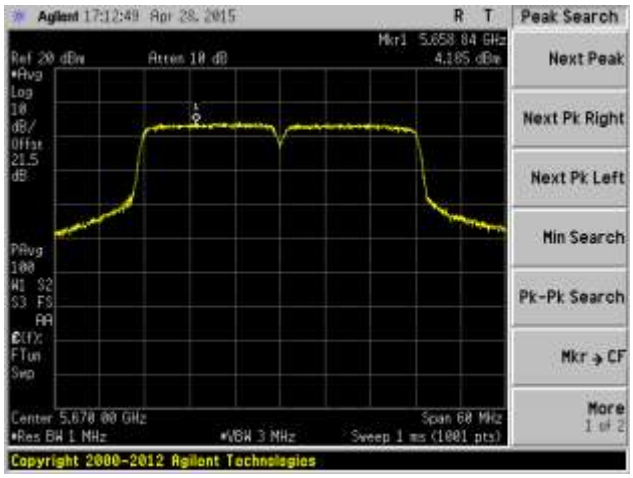
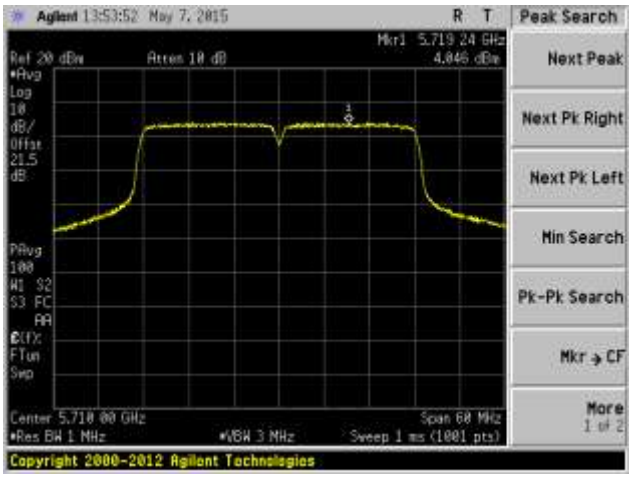
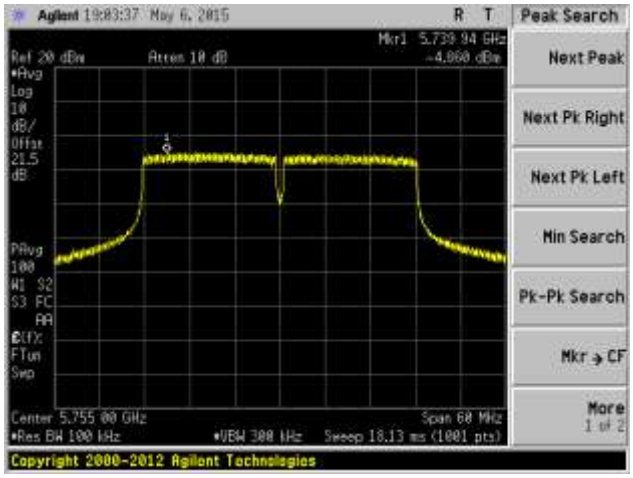
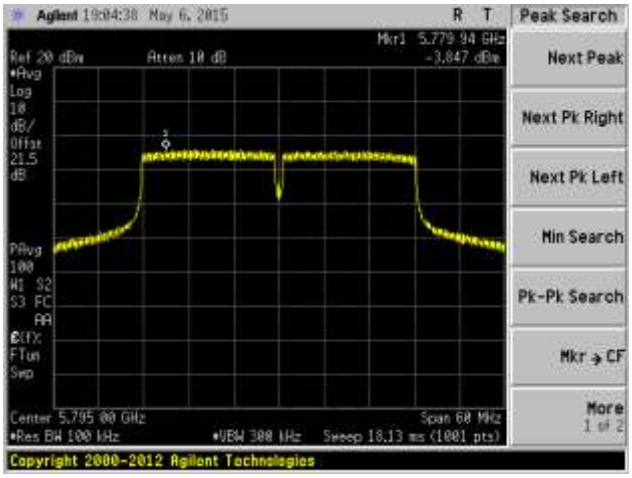


Channel 102 (5510MHz)



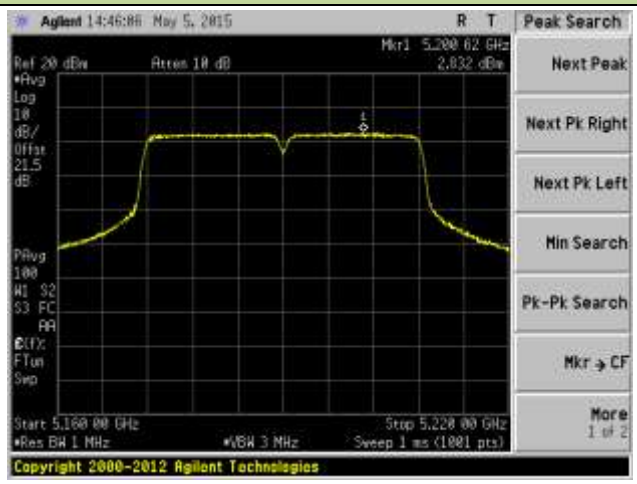
Channel 118 (5590MHz)



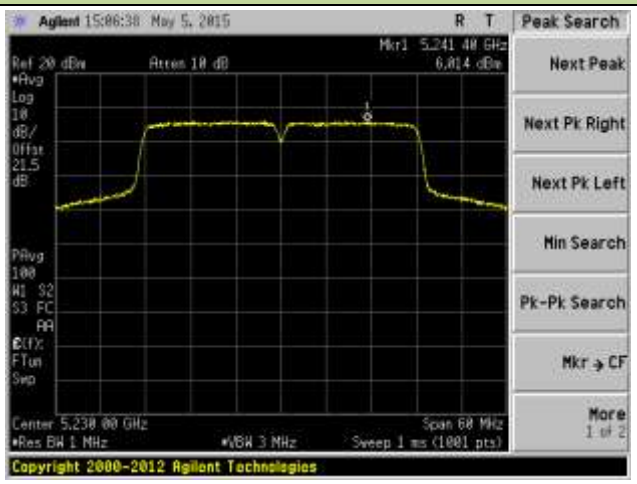
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 1

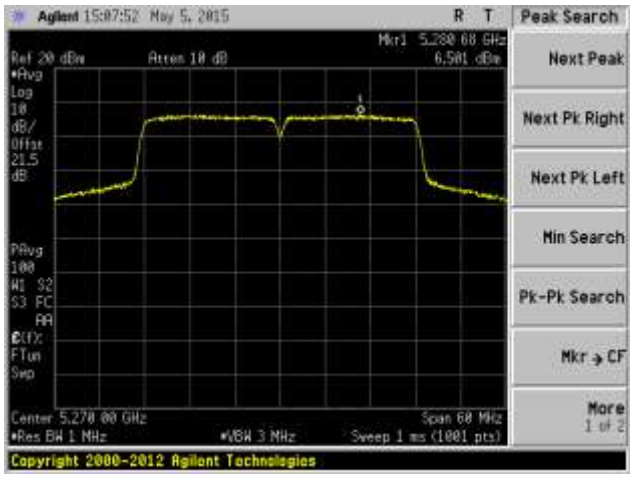
Channel 38 (5190MHz)



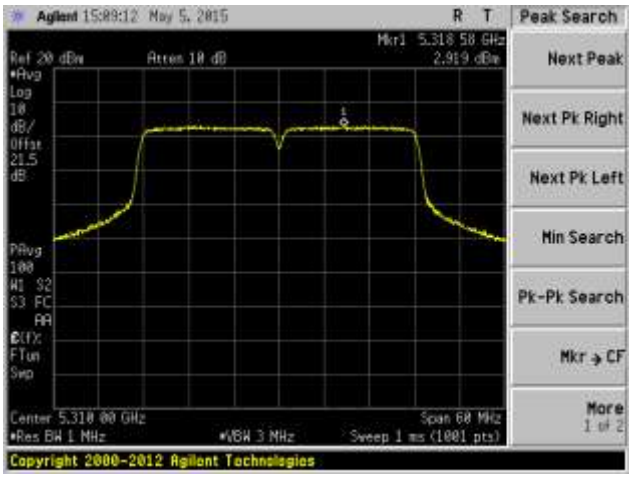
Channel 46 (5230MHz)



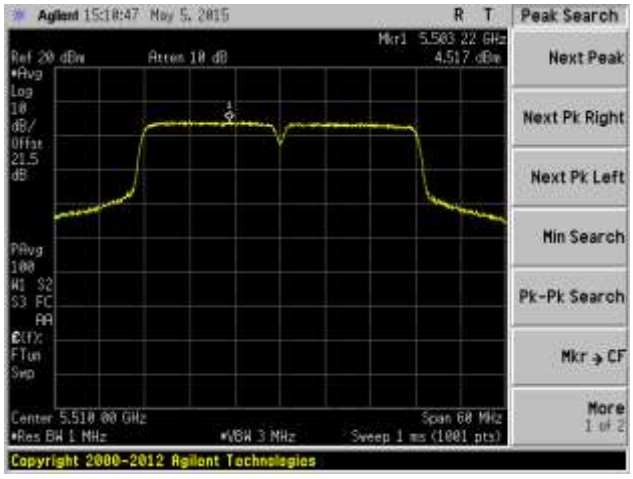
Channel 54 (5270MHz)



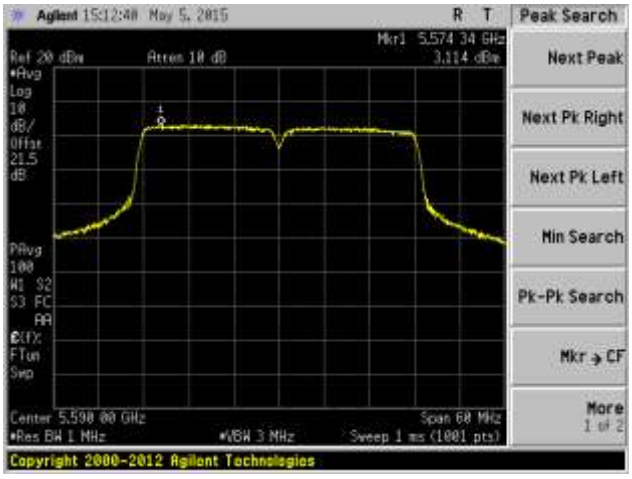
Channel 62 (5310MHz)

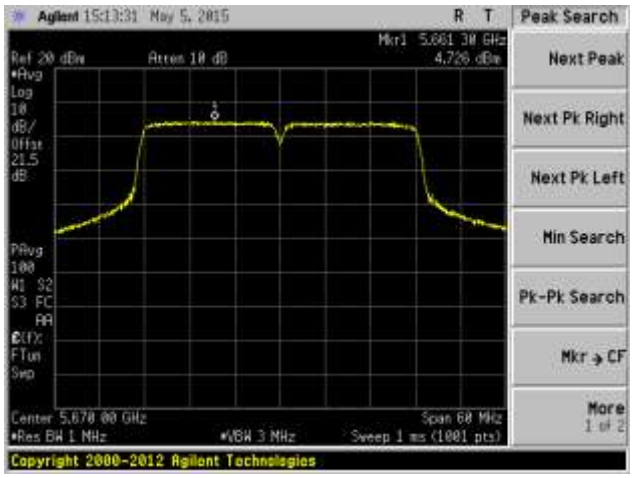
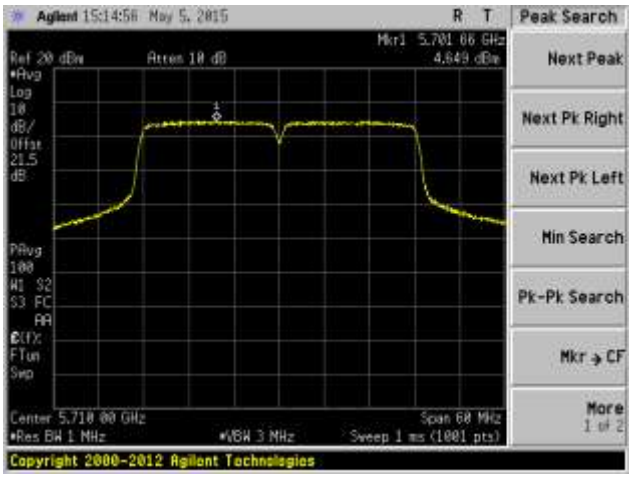
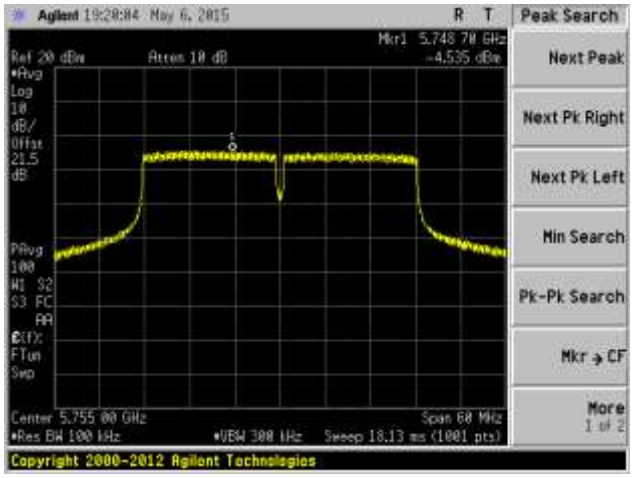
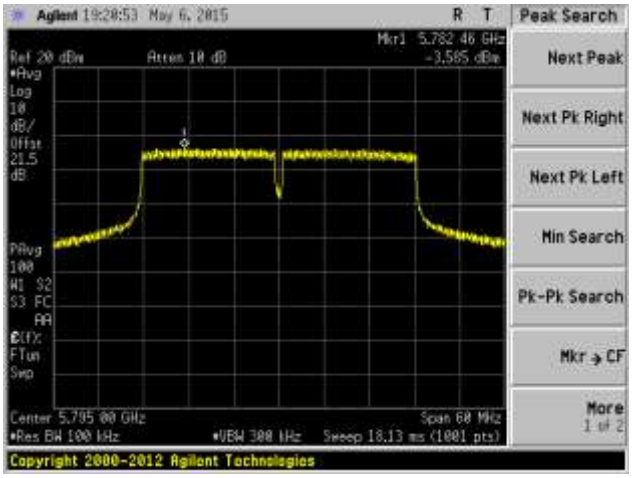


Channel 102 (5510MHz)



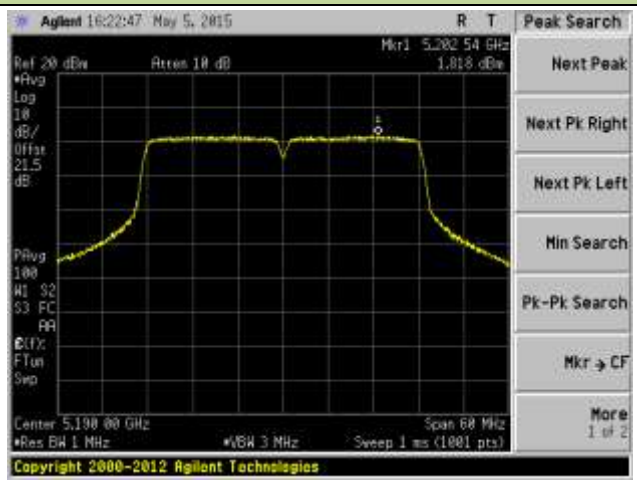
Channel 118 (5590MHz)



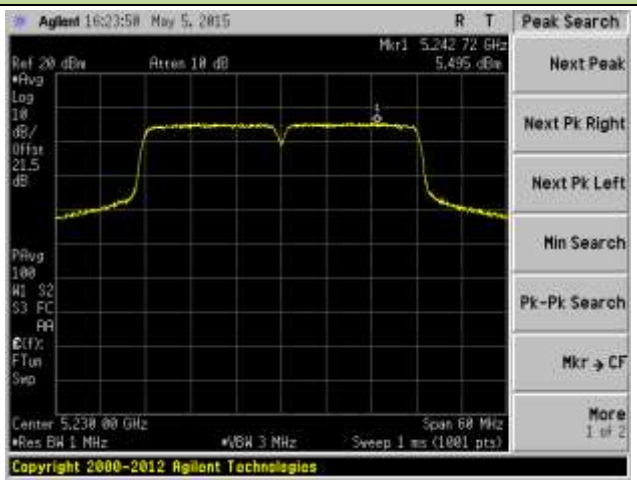
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 2

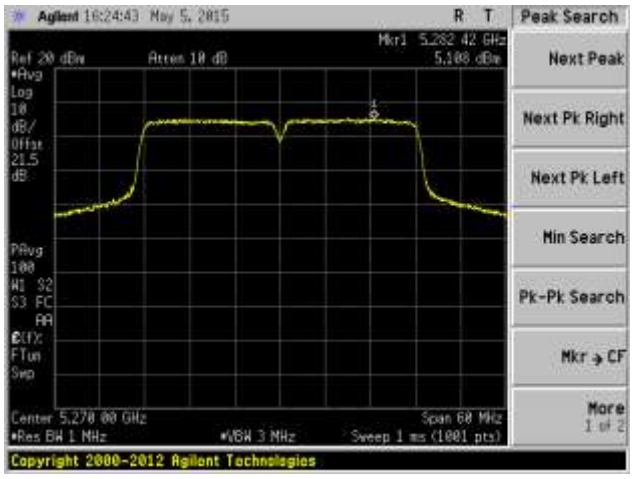
Channel 38 (5190MHz)



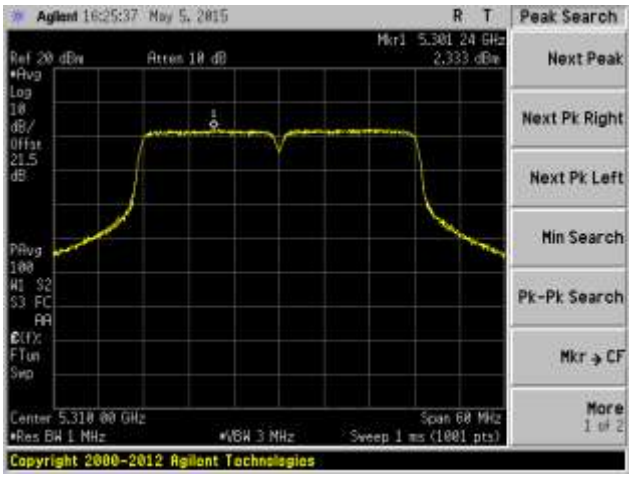
Channel 46 (5230MHz)



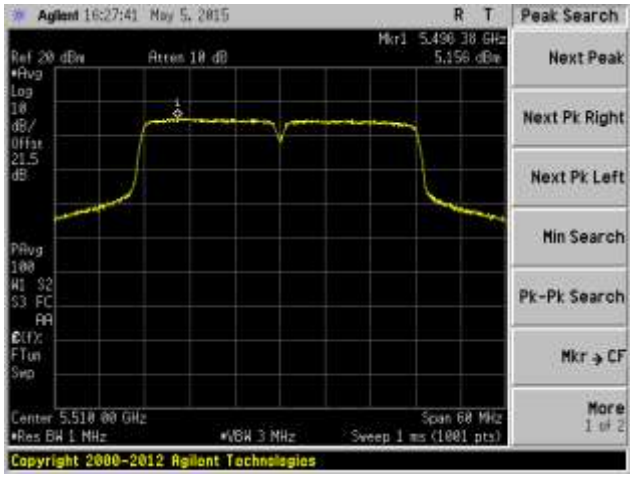
Channel 54 (5270MHz)



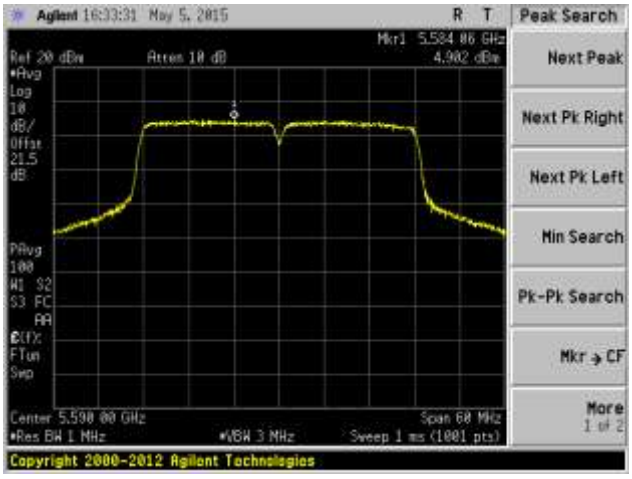
Channel 62 (5310MHz)

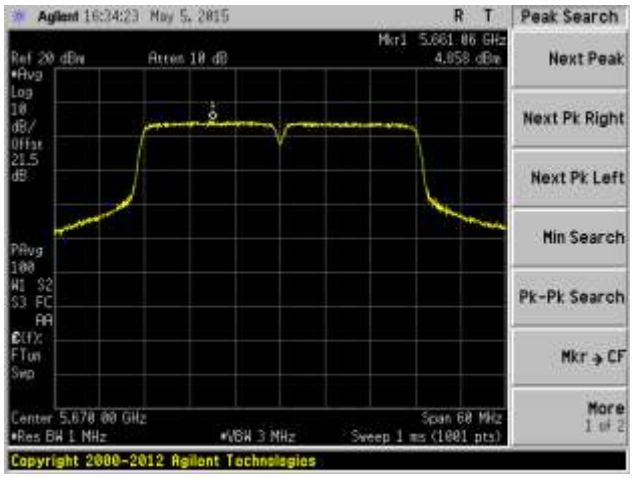
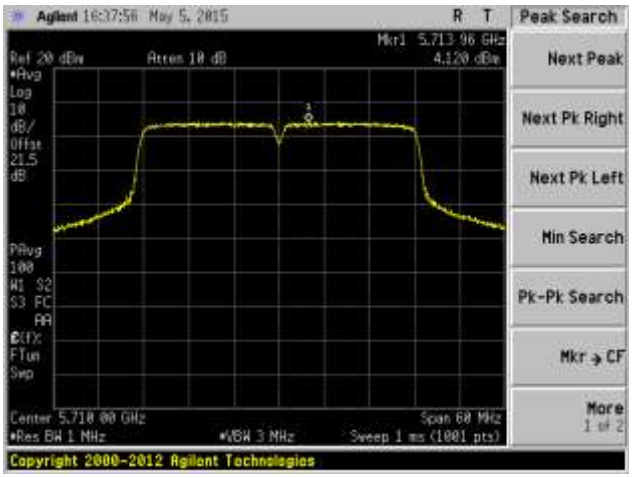
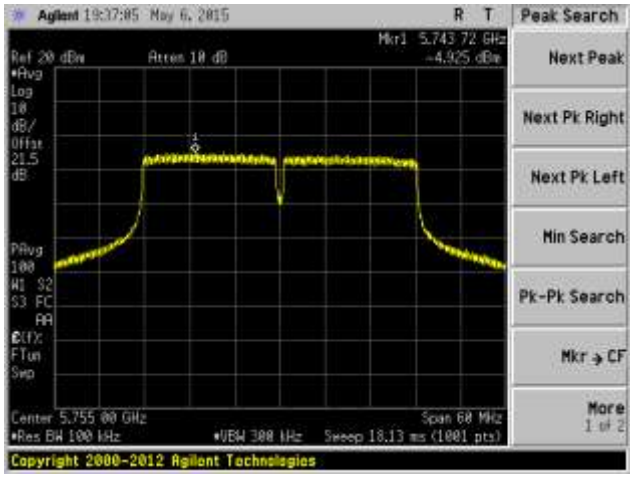
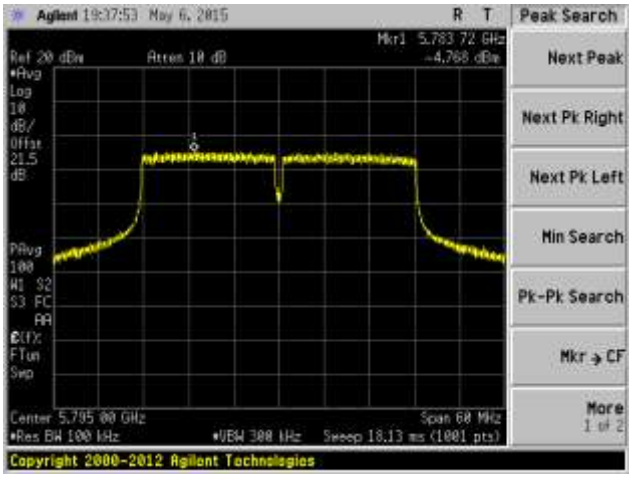


Channel 102 (5510MHz)



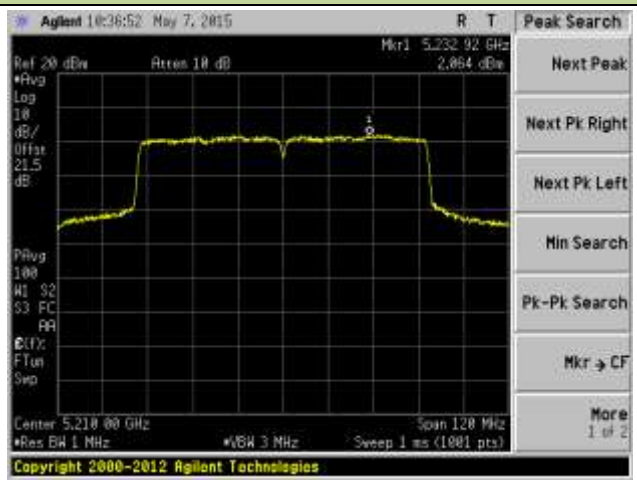
Channel 118 (5590MHz)



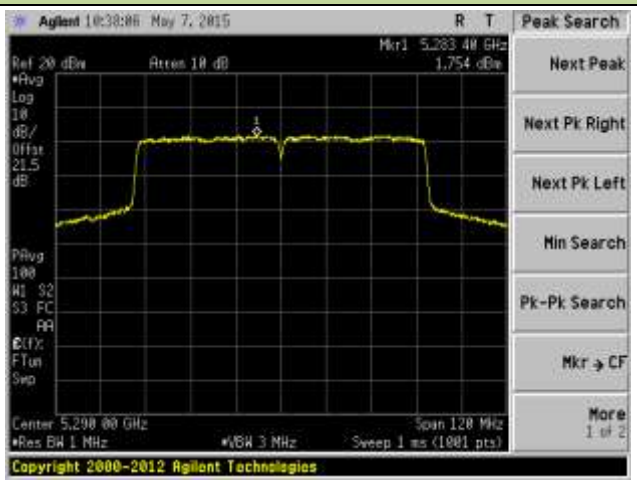
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0

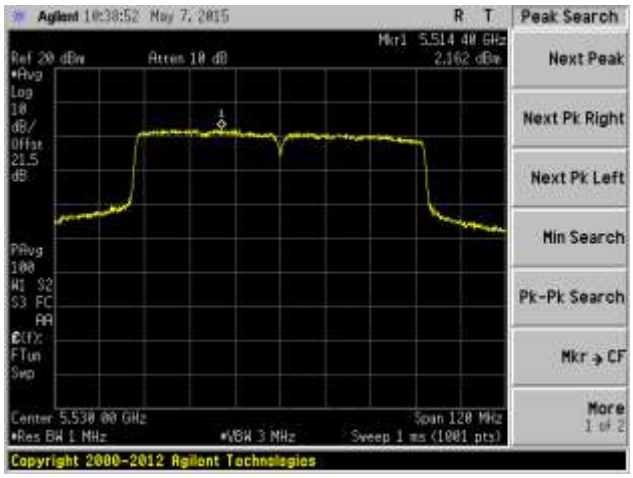
Channel 42 (5210MHz)



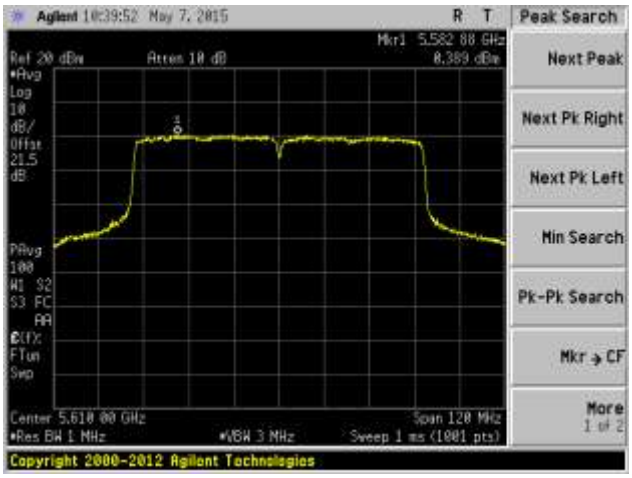
Channel 58 (5290MHz)



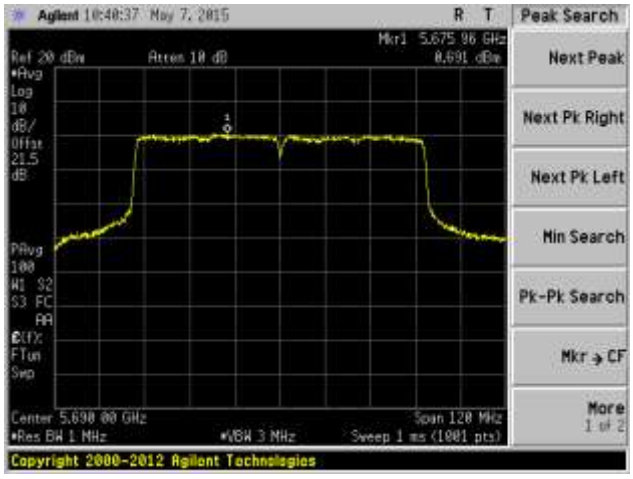
Channel 106 (5530MHz)



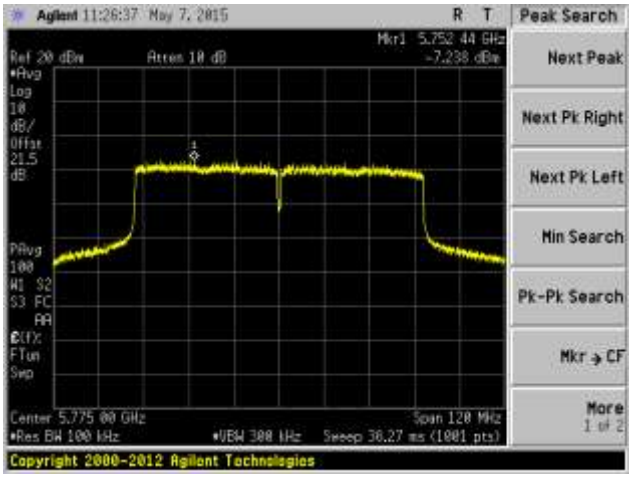
Channel 122 (5610MHz)



Channel 138 (5690MHz)

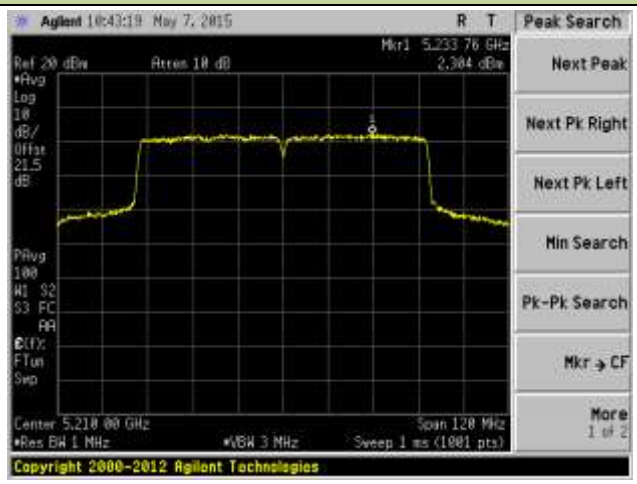


Channel 155 (5775MHz)

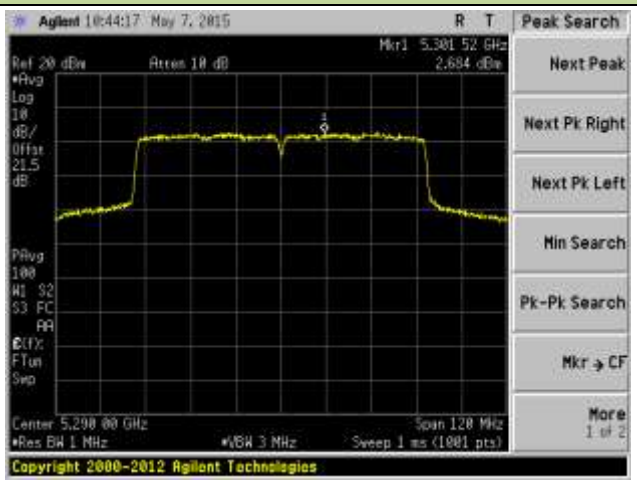


802.11ac-VHT80 Power Spectral Density - Ant 1

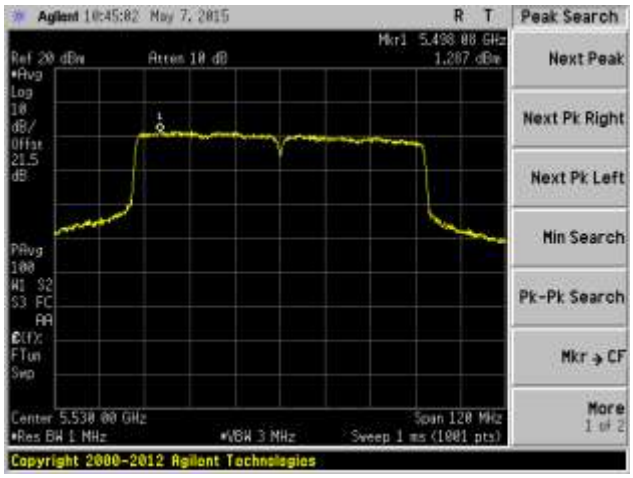
Channel 42 (5210MHz)



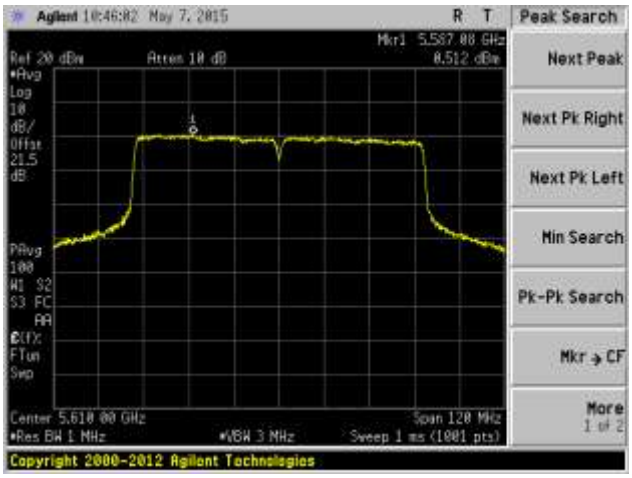
Channel 58 (5290MHz)



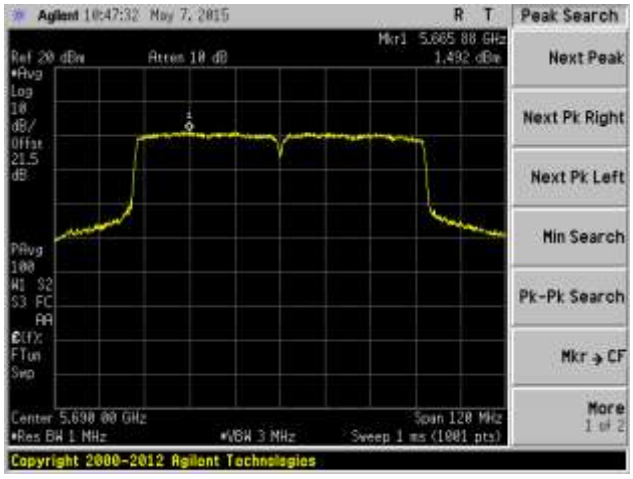
Channel 106 (5530MHz)



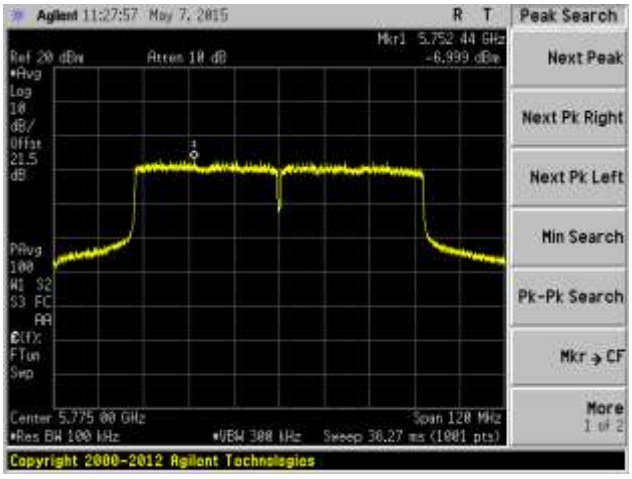
Channel 122 (5610MHz)



Channel 138 (5690MHz)

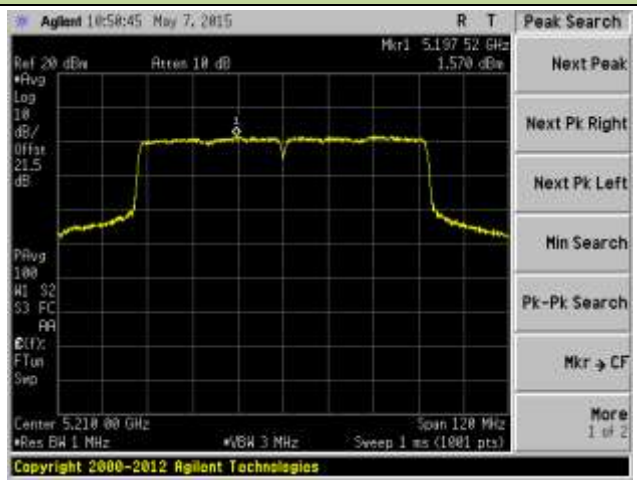


Channel 155 (5755MHz)

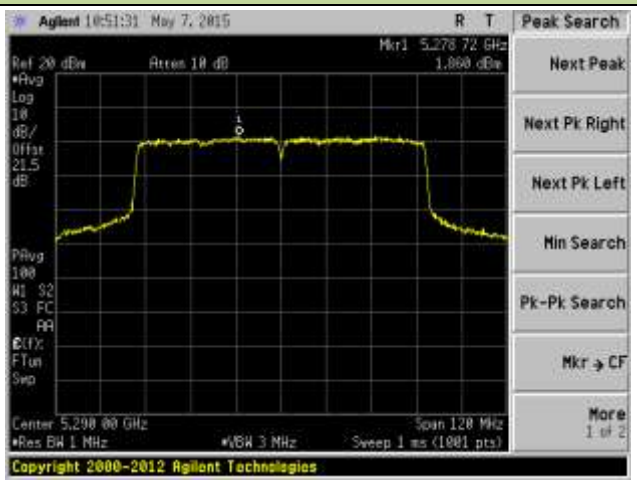


802.11ac-VHT80 Power Spectral Density - Ant 2

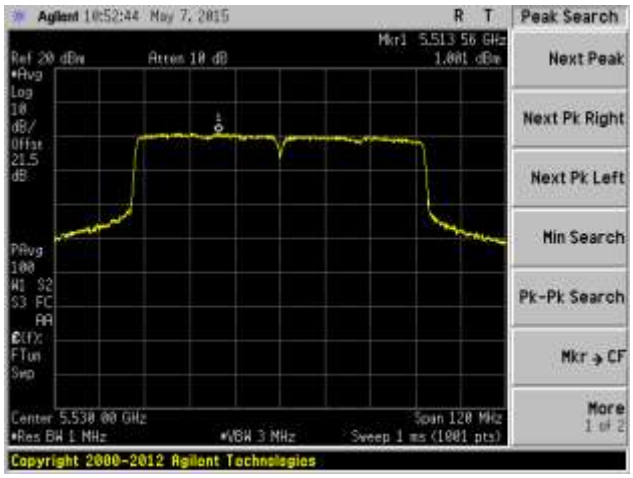
Channel 42 (5210MHz)



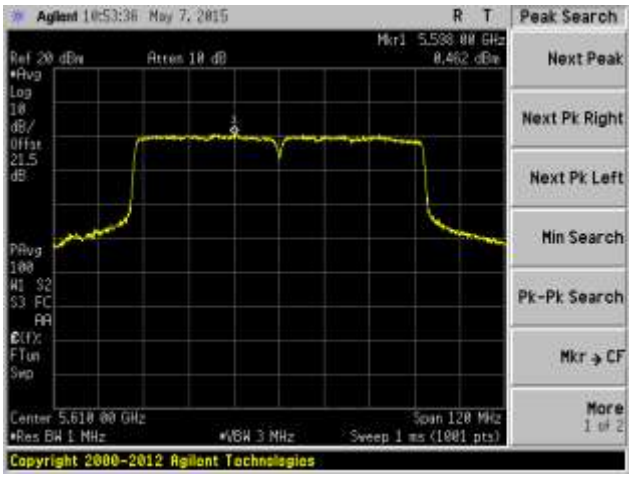
Channel 58 (5290MHz)



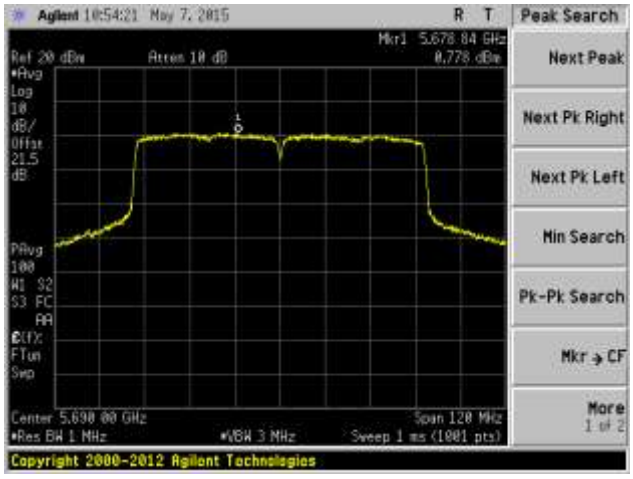
Channel 106 (5530MHz)



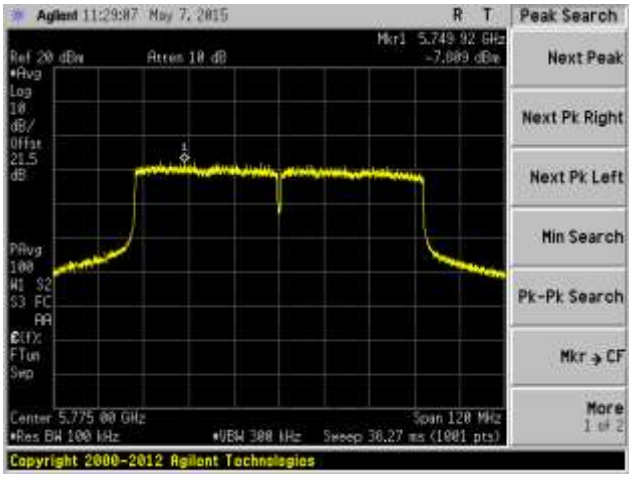
Channel 122 (5610MHz)



Channel 138 (5690MHz)

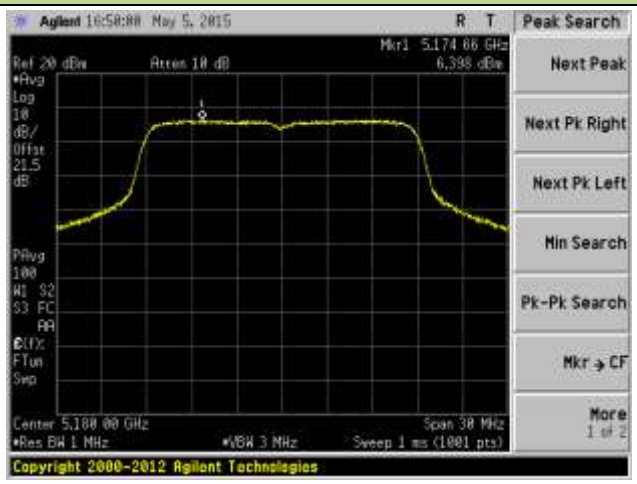


Channel 155 (5775MHz)

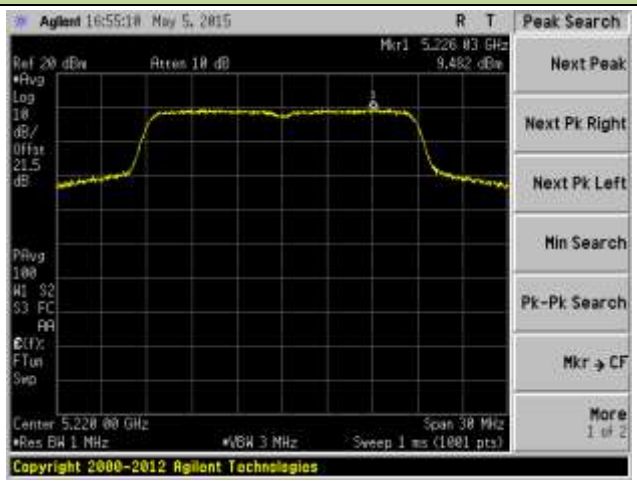


802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1

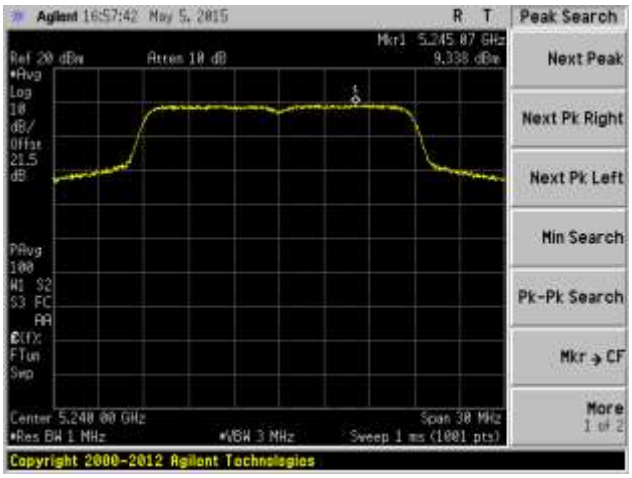
Channel 36 (5180MHz)



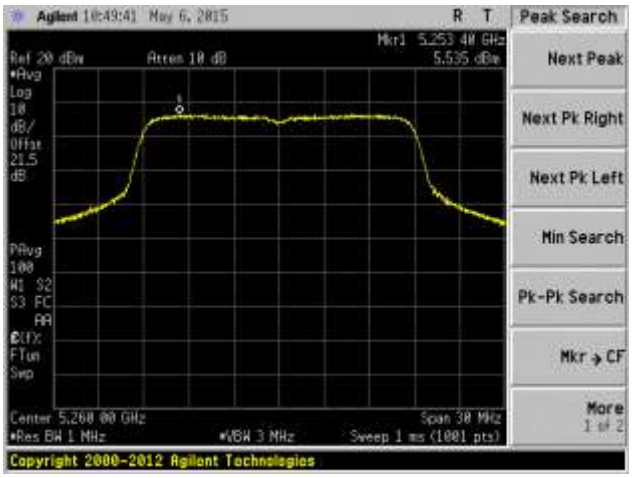
Channel 44 (5220MHz)



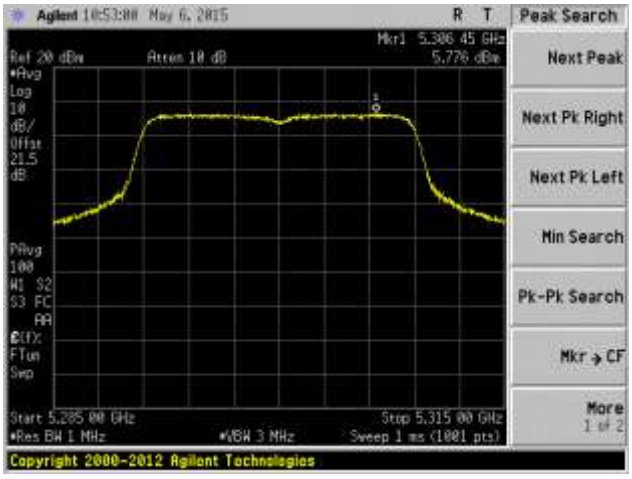
Channel 48 (5240MHz)



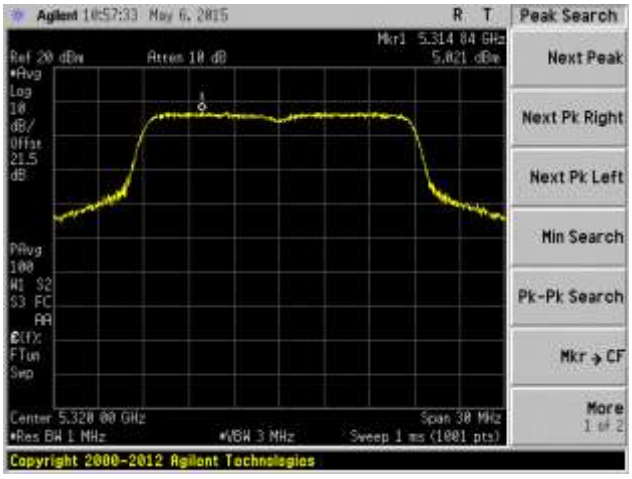
Channel 52 (5260MHz)

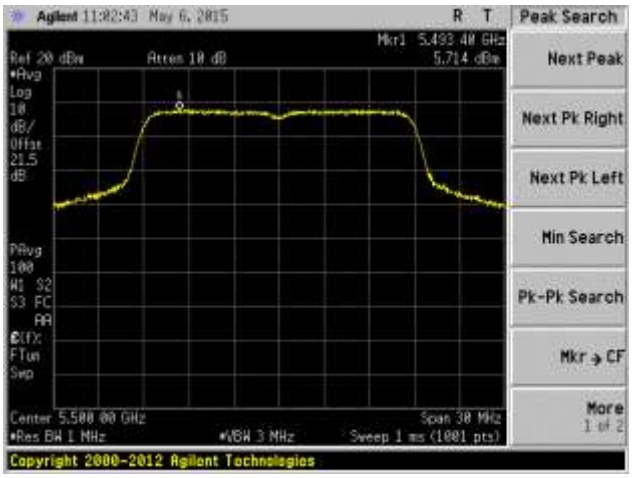
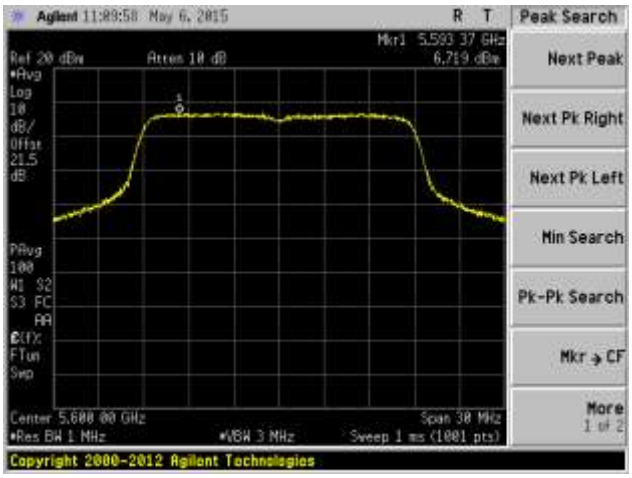
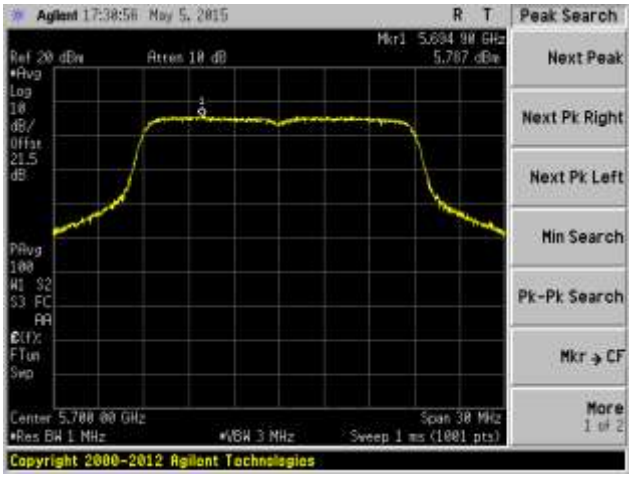
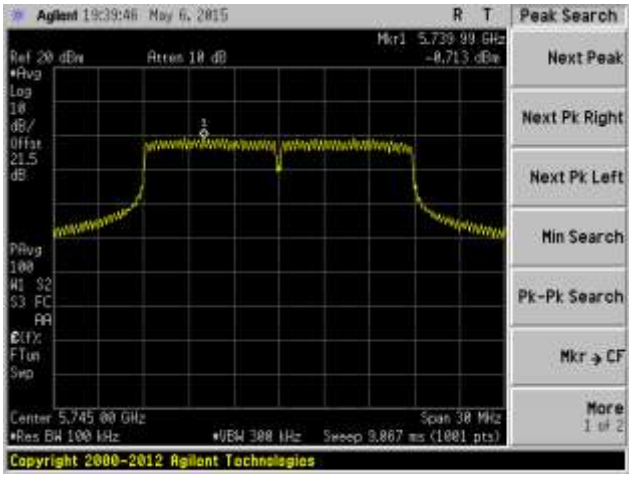
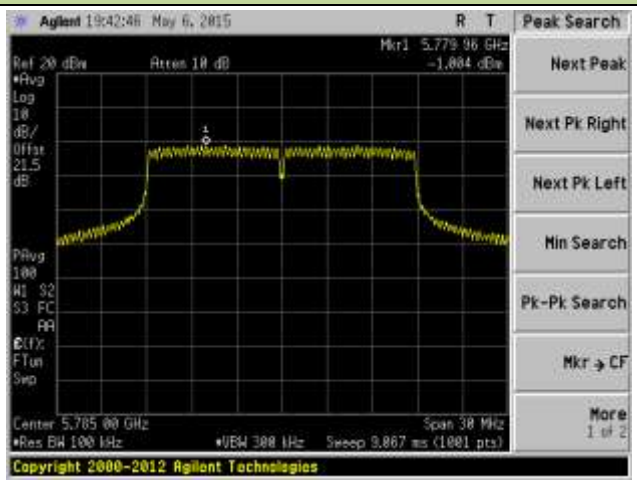
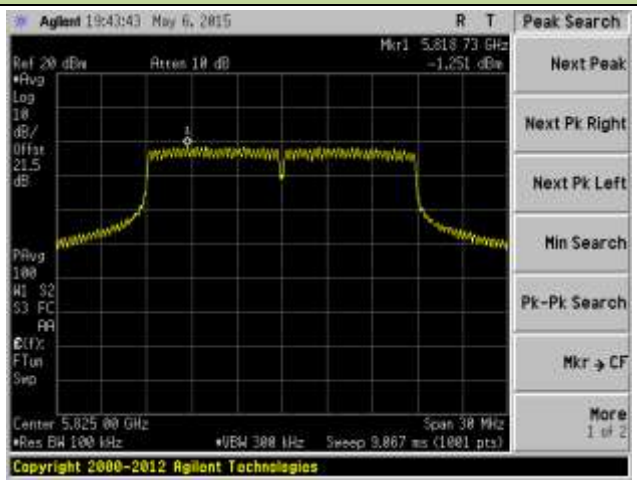


Channel 60 (5300MHz)



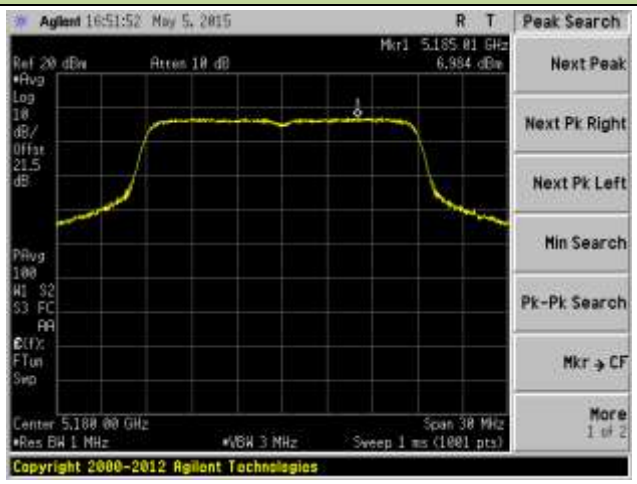
Channel 64 (5320MHz)



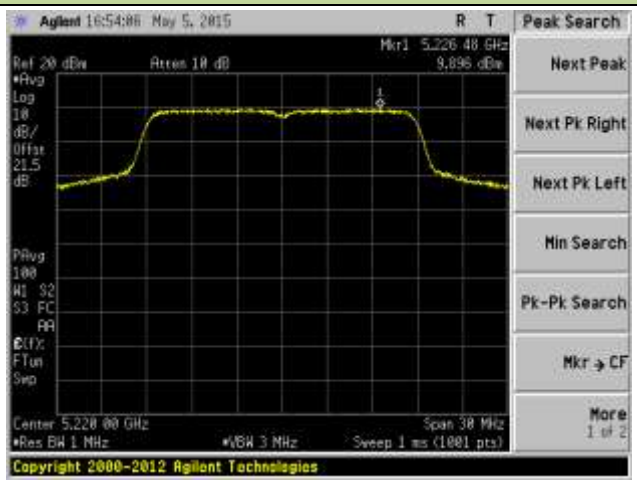
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1

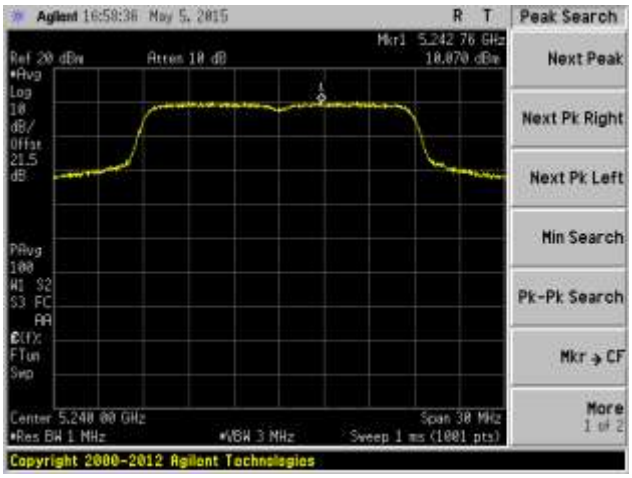
Channel 36 (5180MHz)



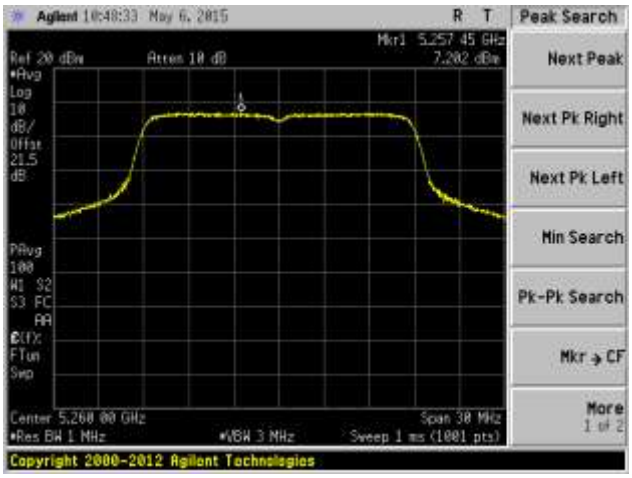
Channel 44 (5220MHz)



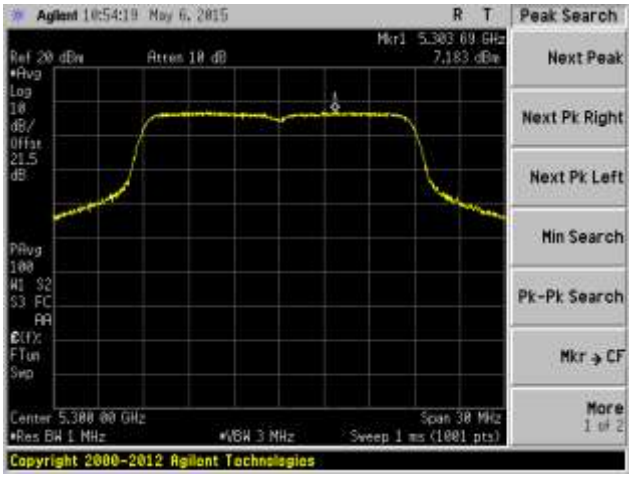
Channel 48 (5240MHz)



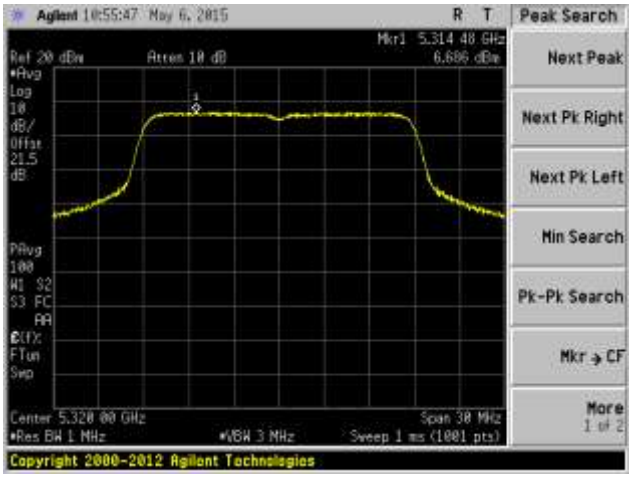
Channel 52 (5260MHz)

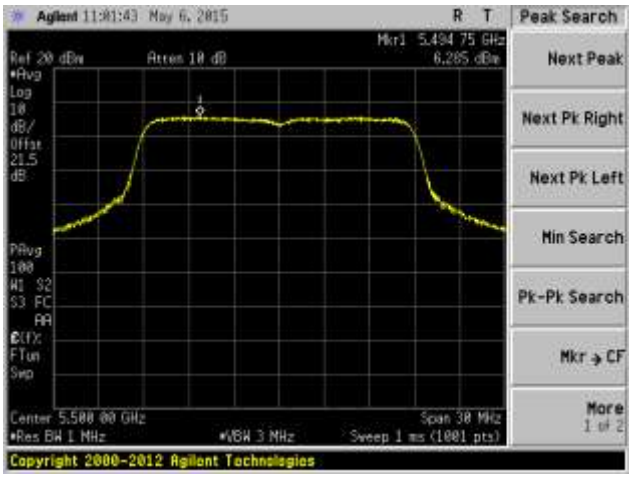
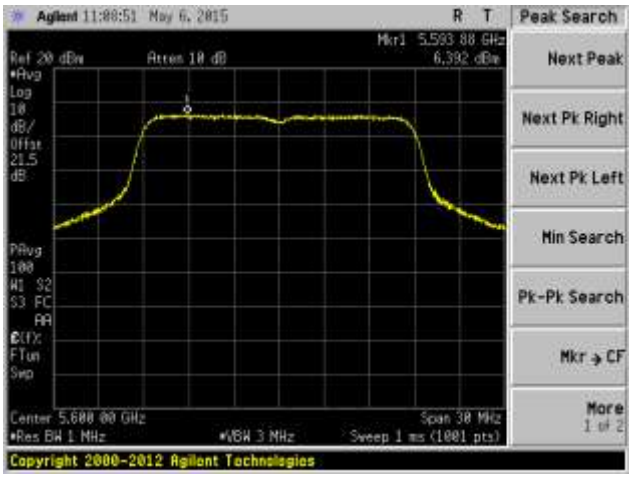
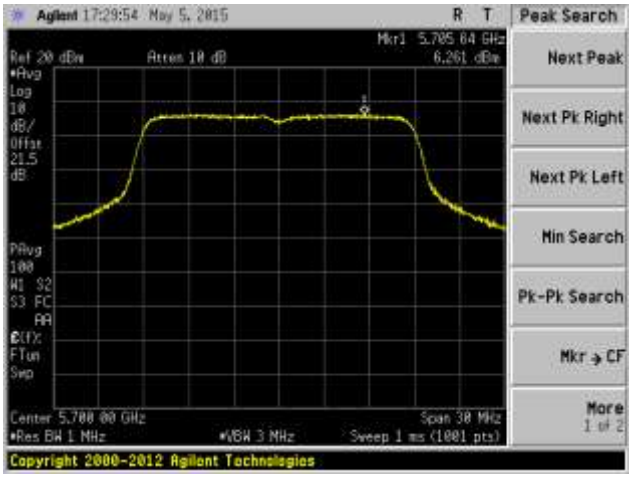
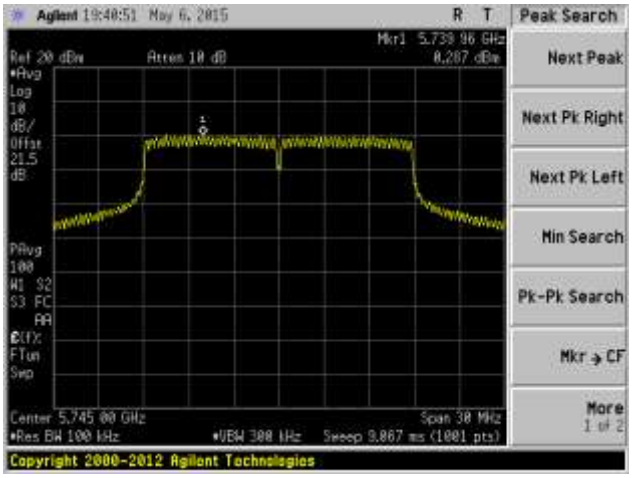
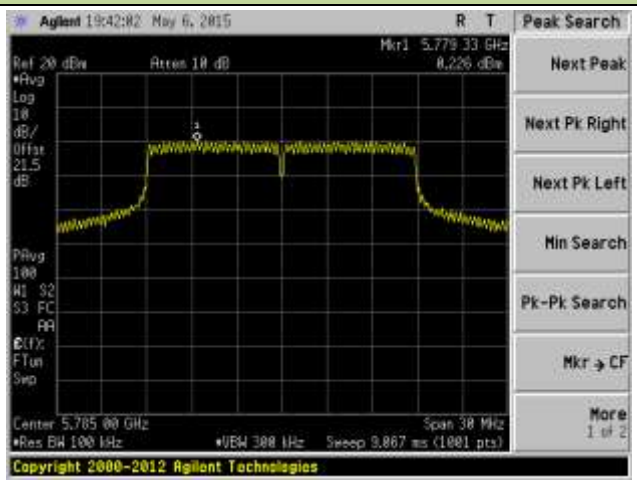
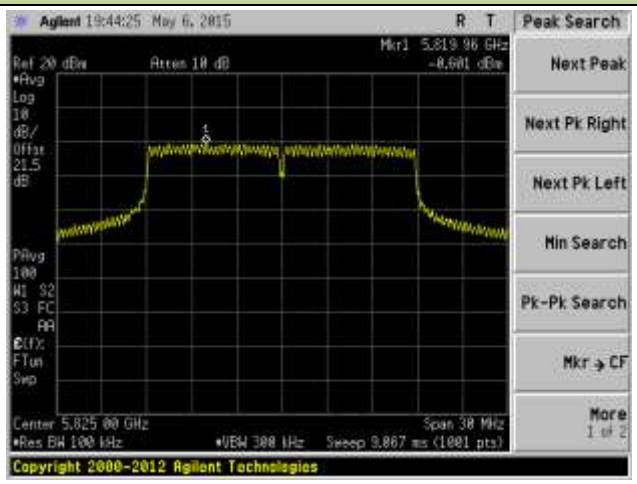


Channel 60 (5300MHz)



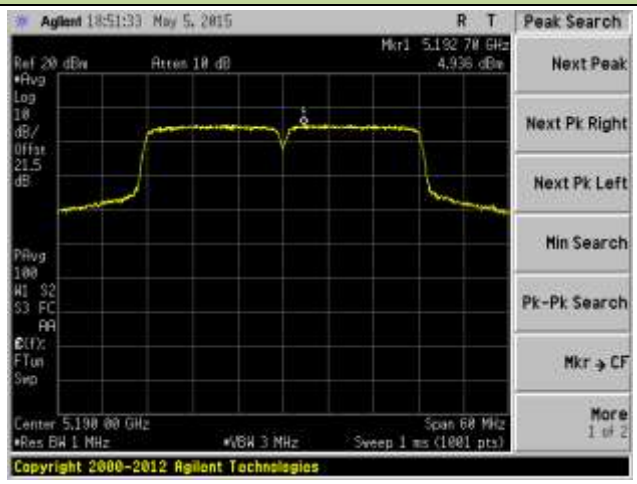
Channel 64 (5320MHz)



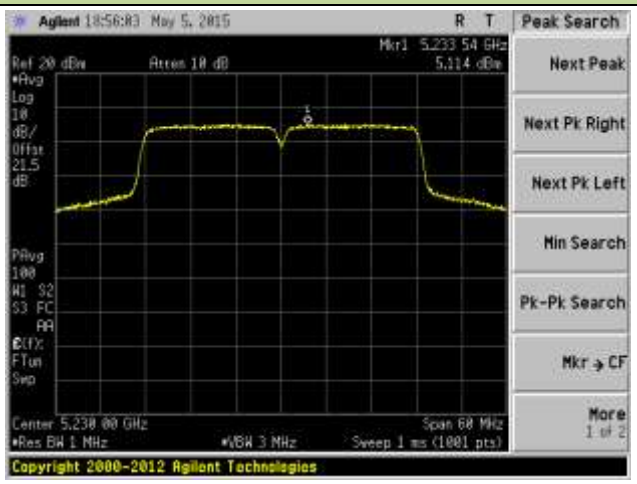
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 + 1

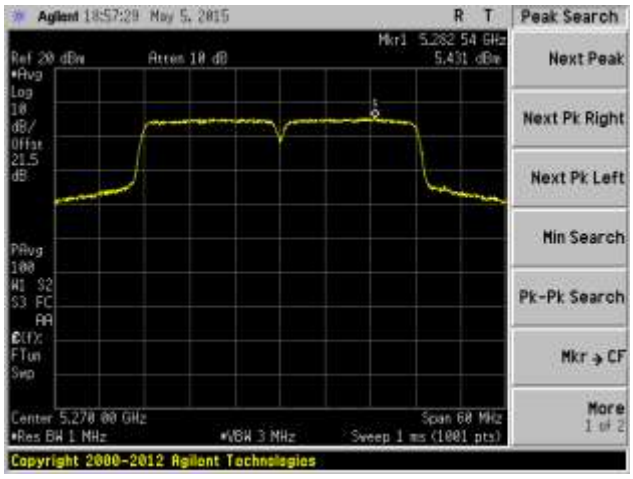
Channel 38 (5190MHz)



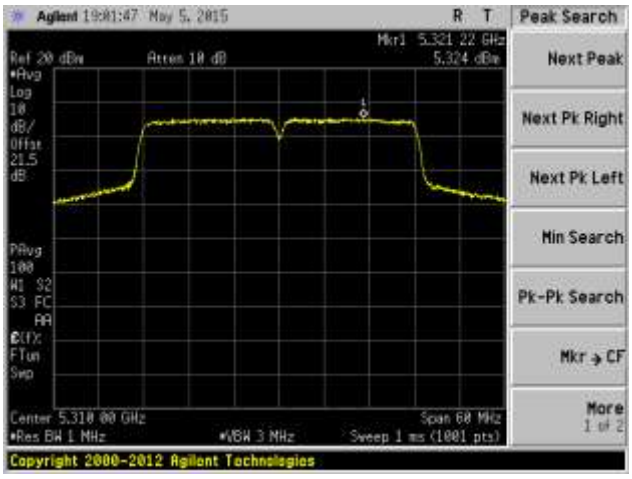
Channel 46 (5230MHz)



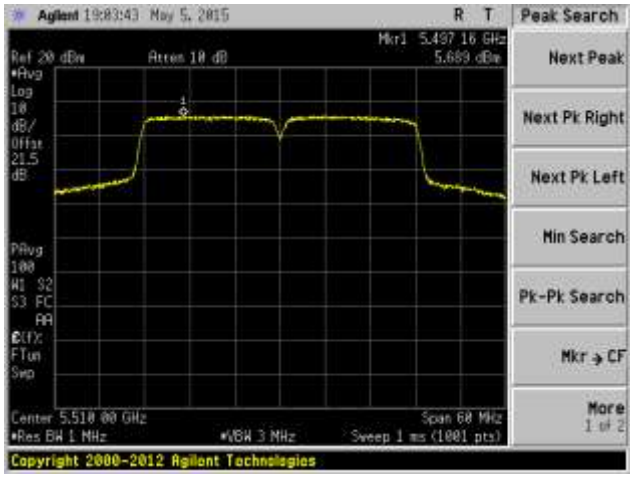
Channel 54 (5270MHz)



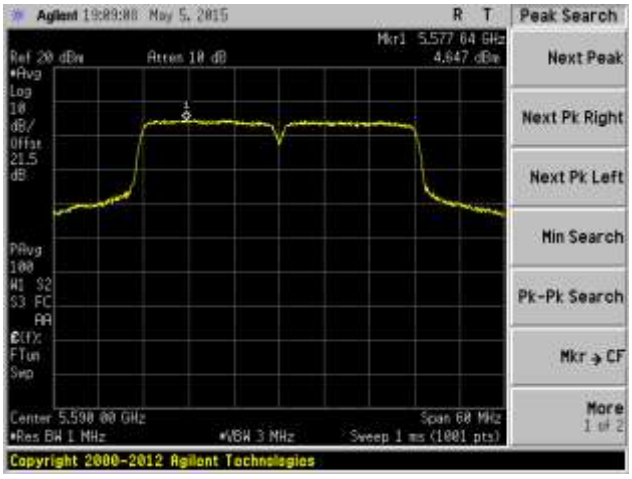
Channel 62 (5310MHz)

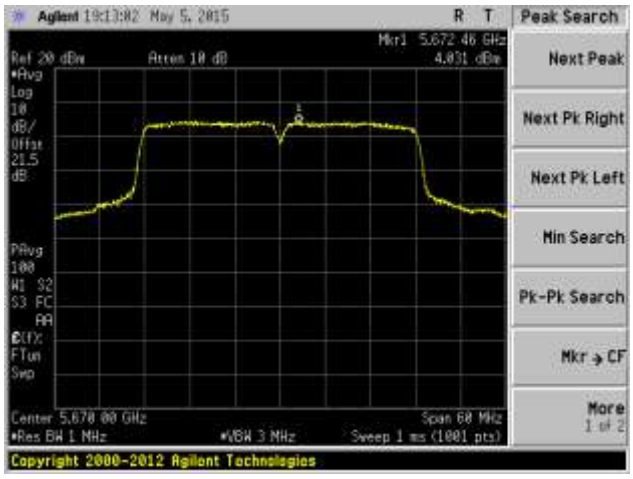
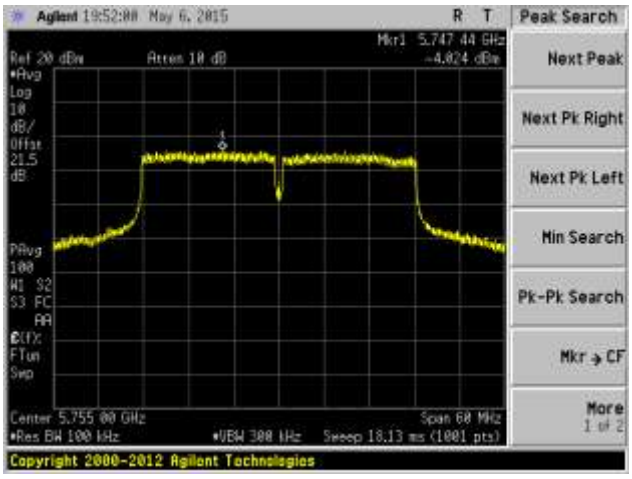
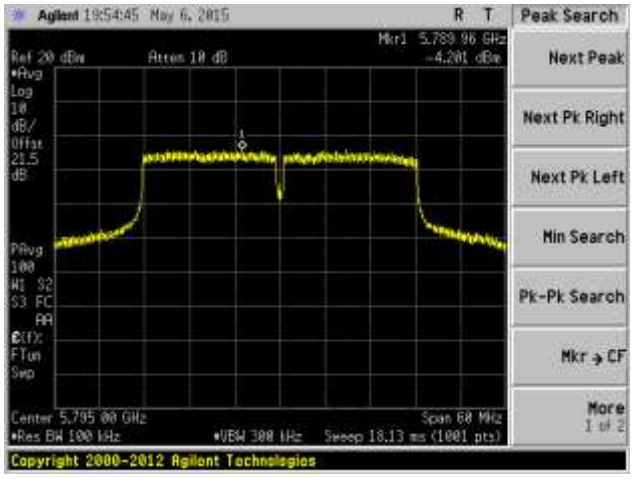


Channel 102 (5510MHz)



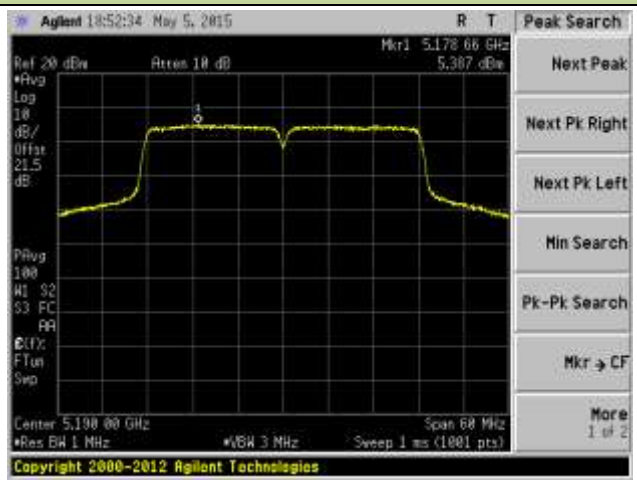
Channel 118 (5590MHz)



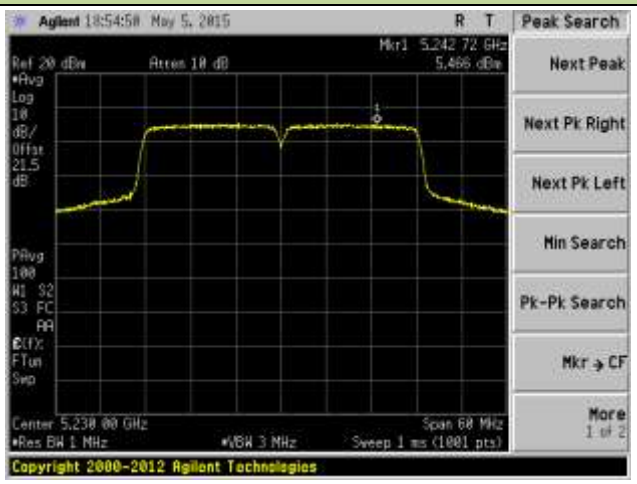
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1

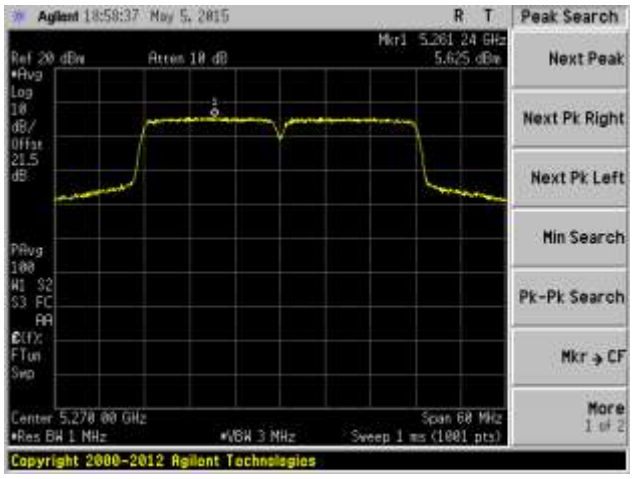
Channel 38 (5190MHz)



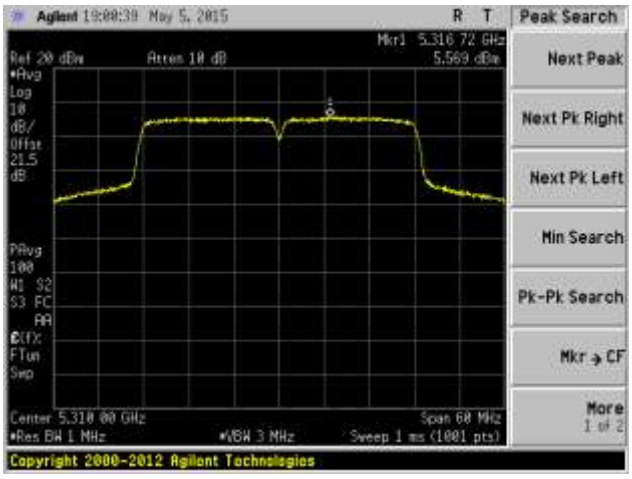
Channel 46 (5230MHz)



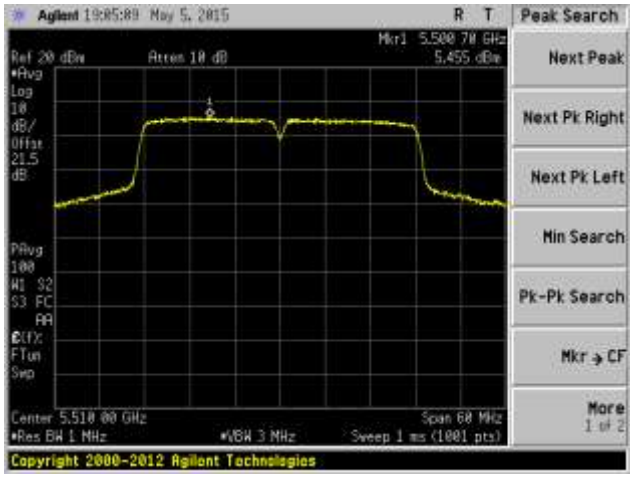
Channel 54 (5270MHz)



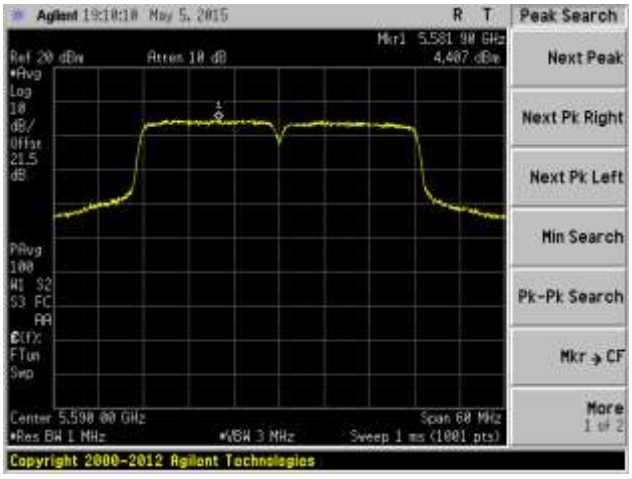
Channel 62 (5310MHz)

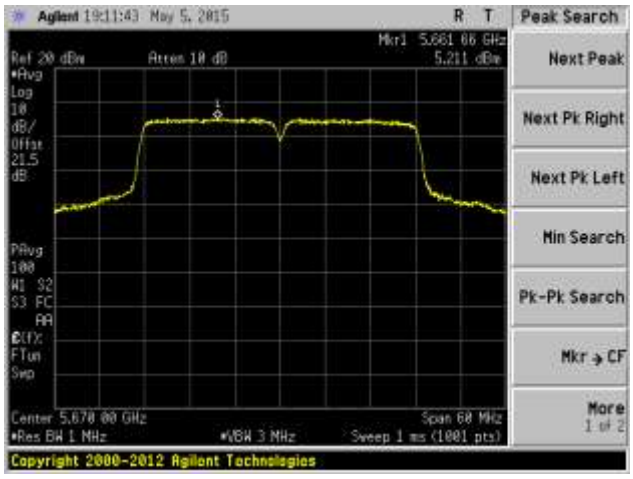
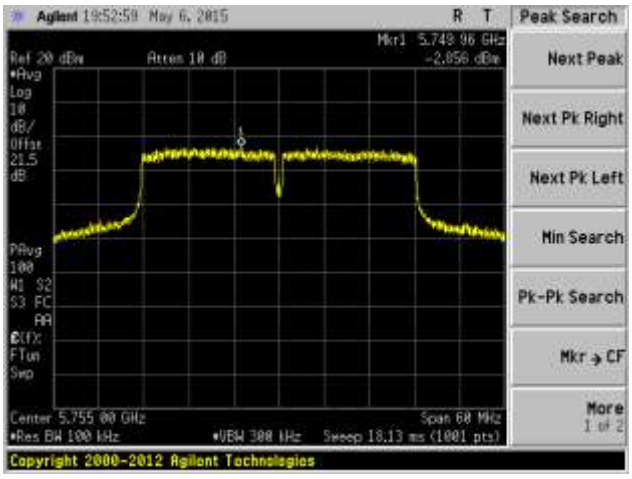
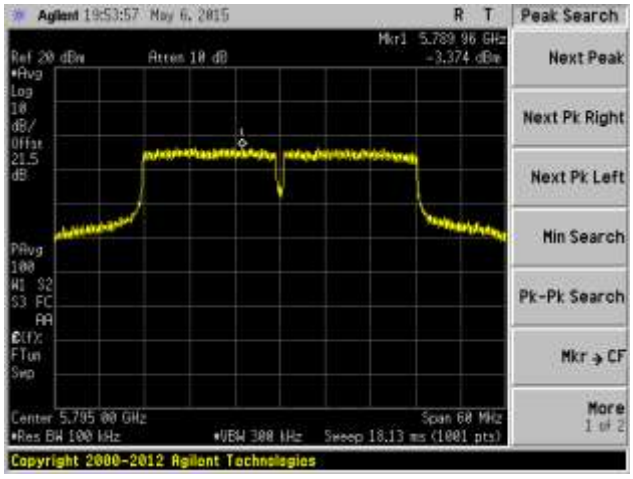


Channel 102 (5510MHz)



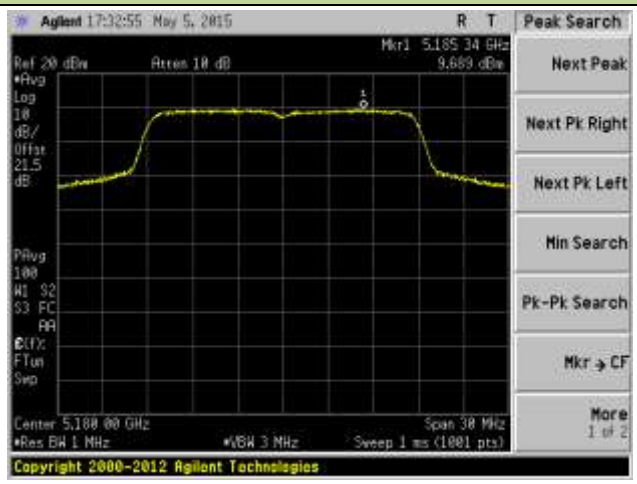
Channel 118 (5590MHz)



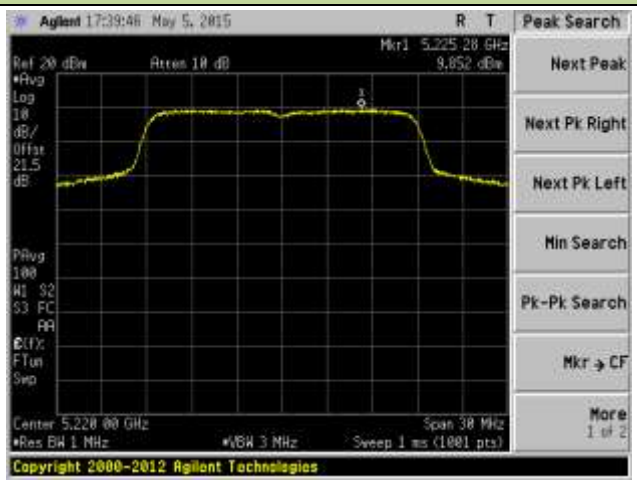
Channel 134 (5670MHz)	Channel 151 (5755 MHz)
	
Channel 159 (5795 MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1

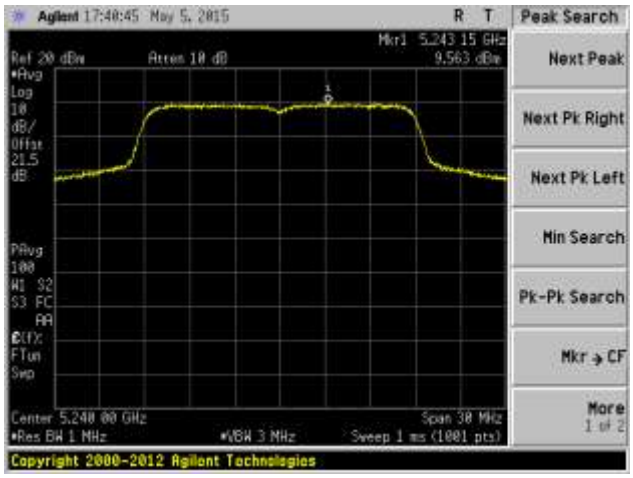
Channel 36 (5180MHz)



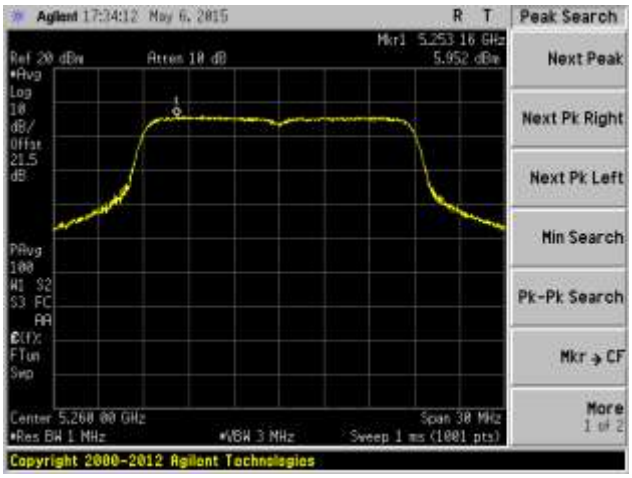
Channel 44 (5220MHz)



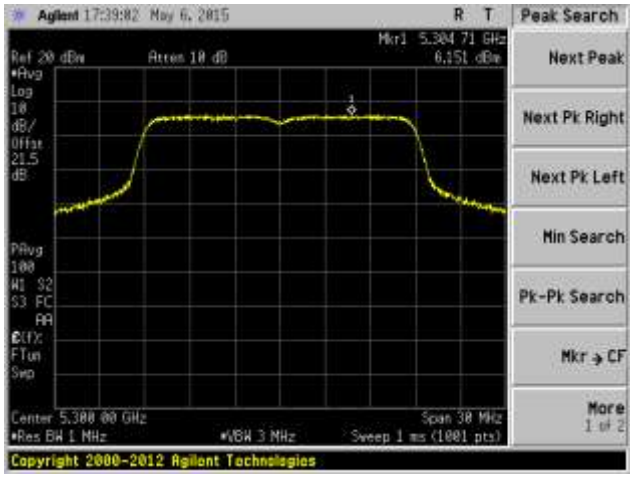
Channel 48 (5240MHz)



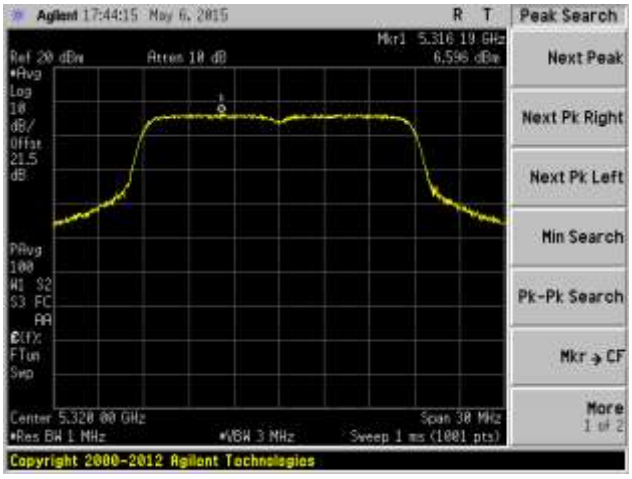
Channel 52 (5260MHz)

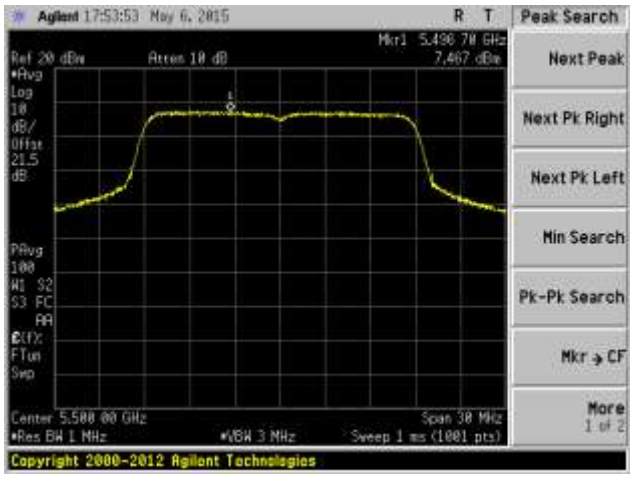
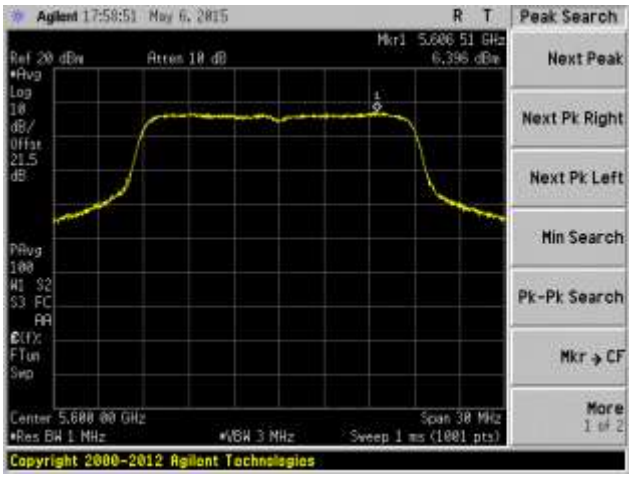
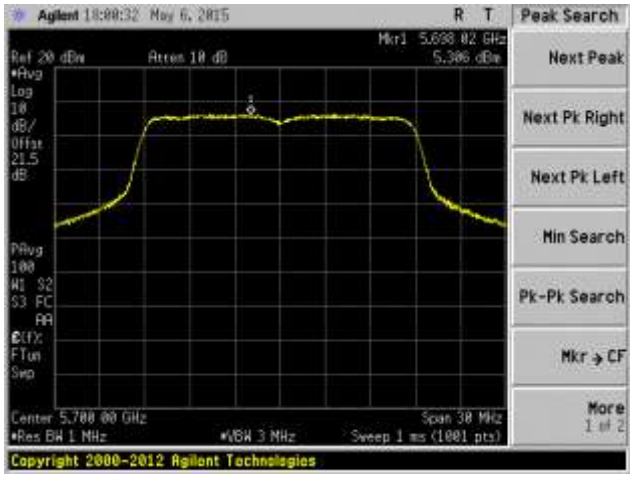
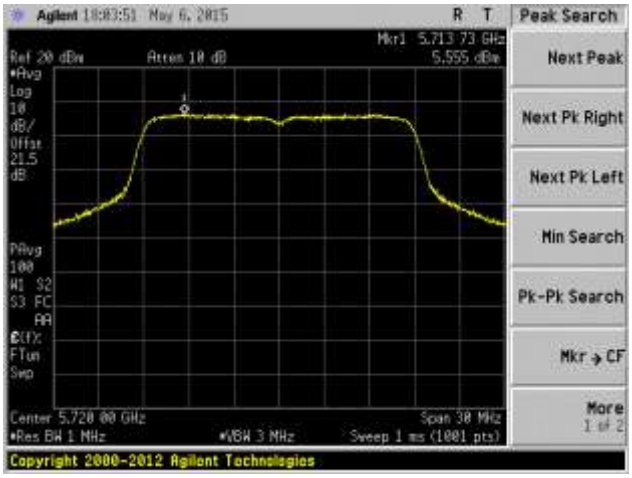
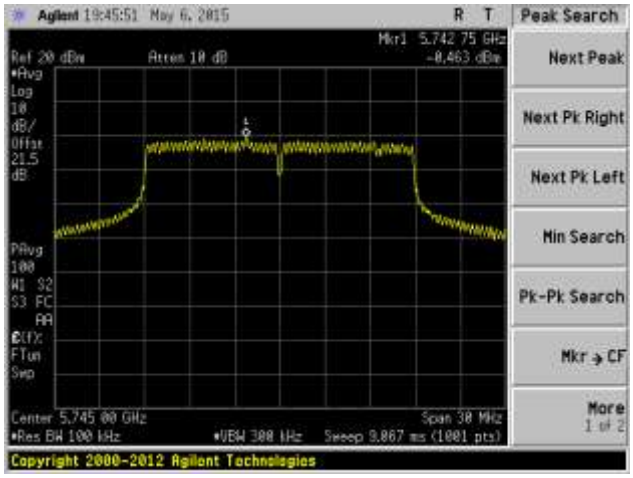
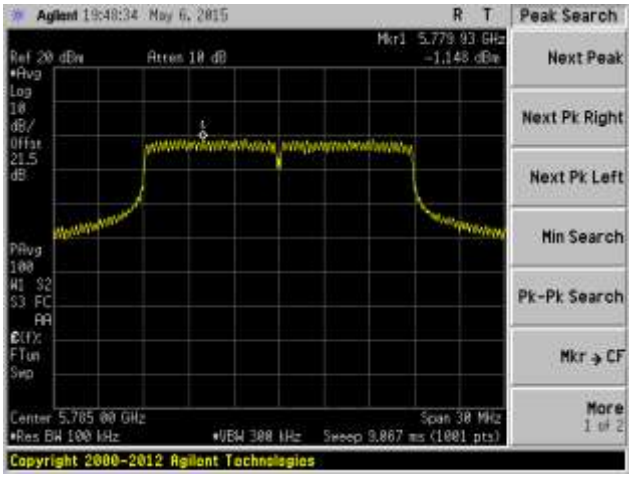


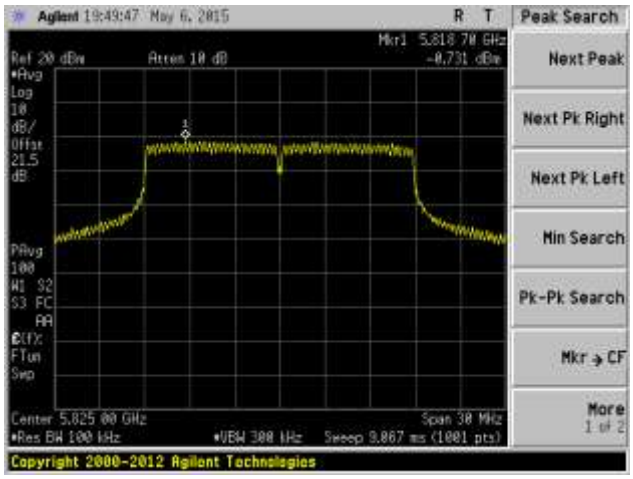
Channel 60 (5300MHz)



Channel 64 (5320MHz)

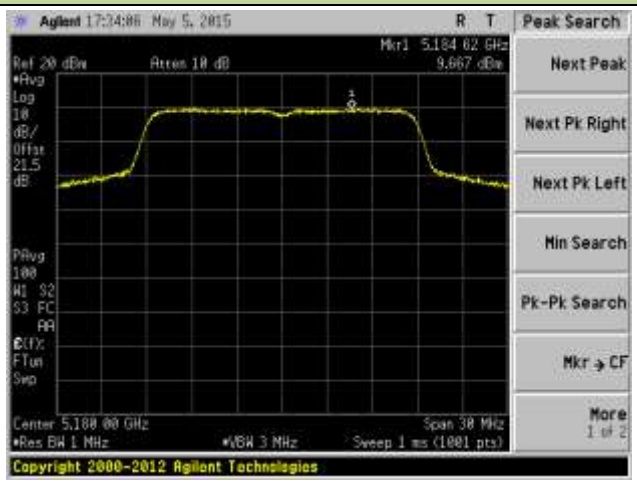


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

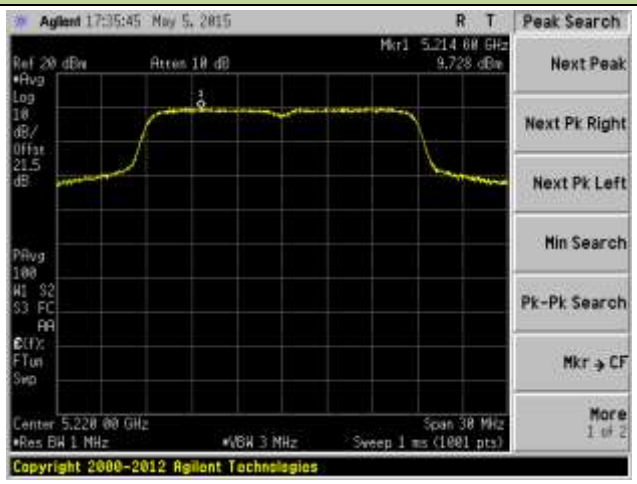
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

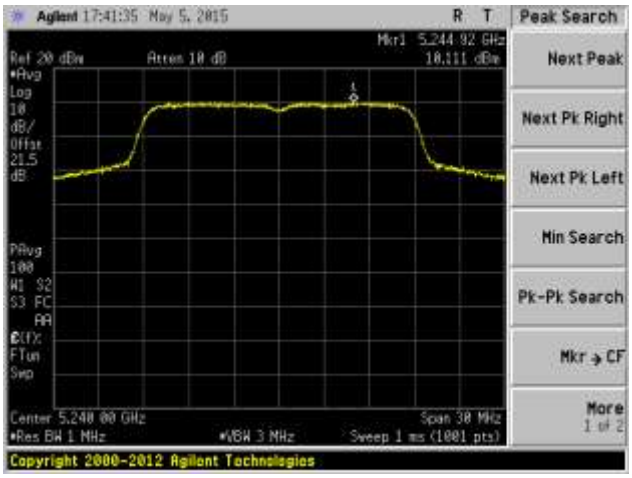
Channel 36 (5180MHz)



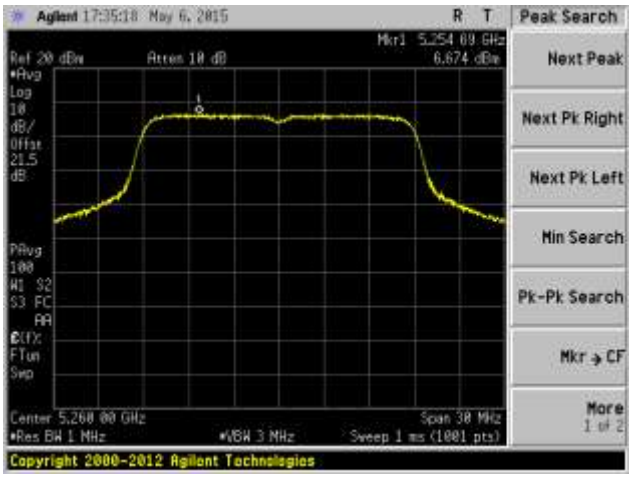
Channel 44 (5220MHz)



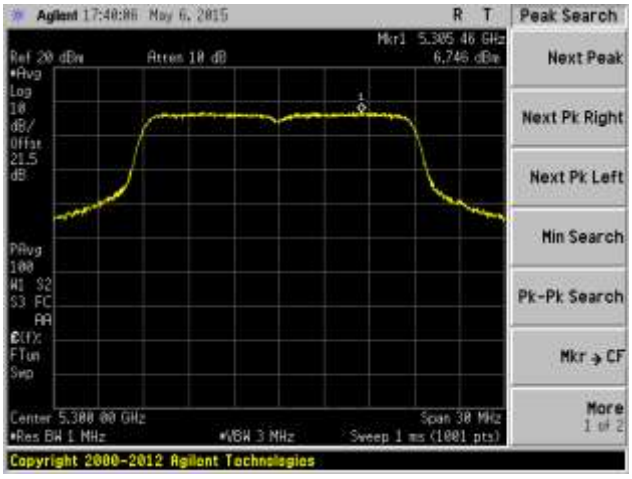
Channel 48 (5240MHz)



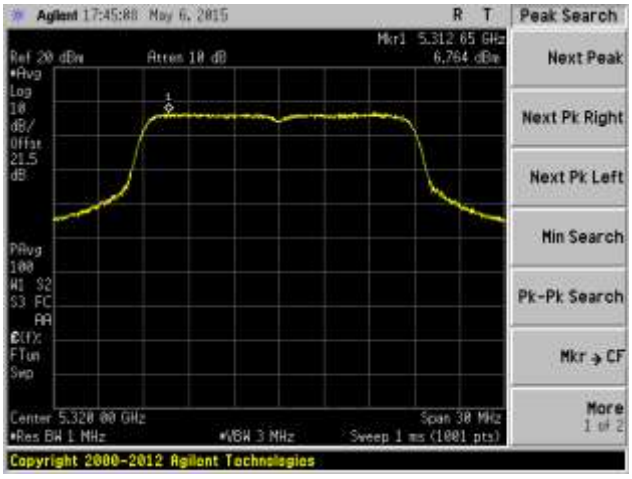
Channel 52 (5260MHz)

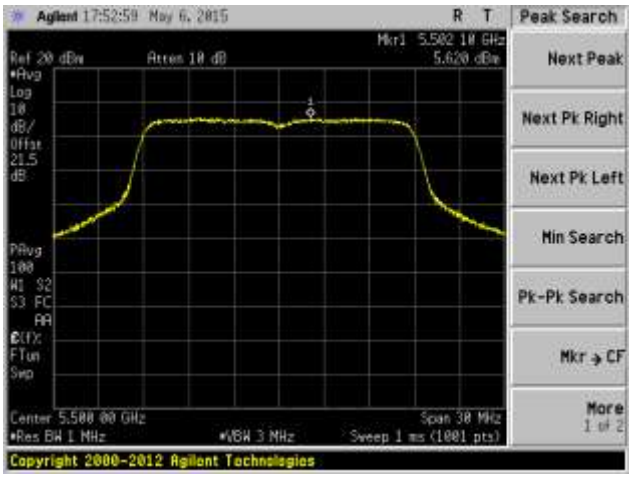
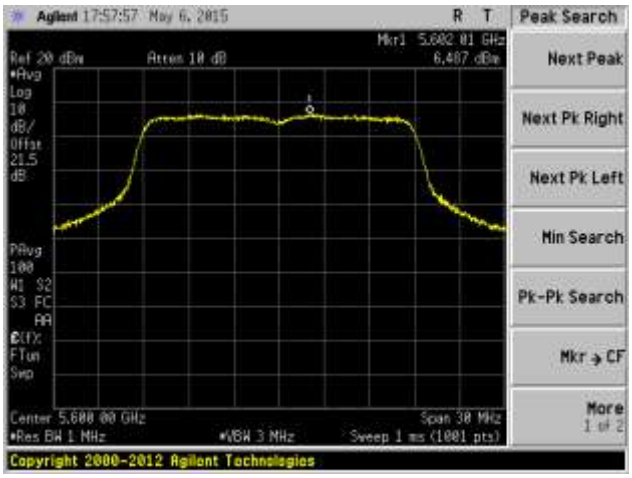
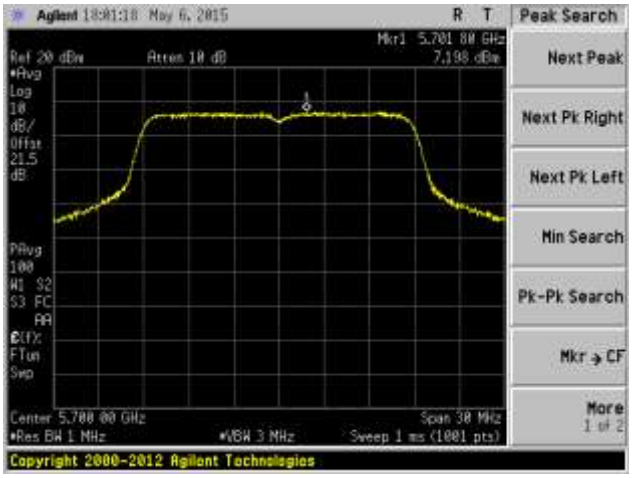
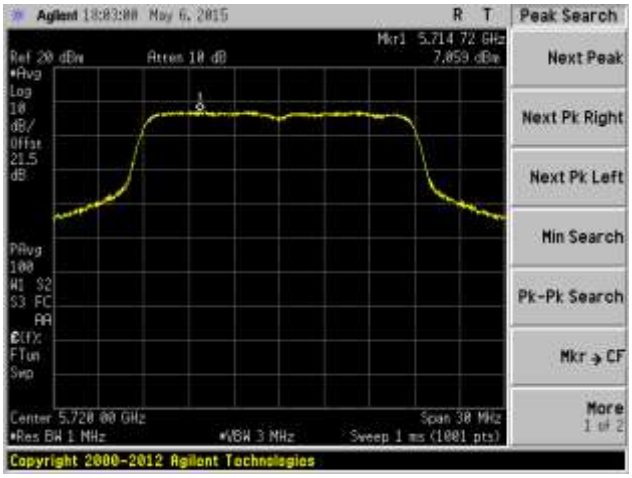
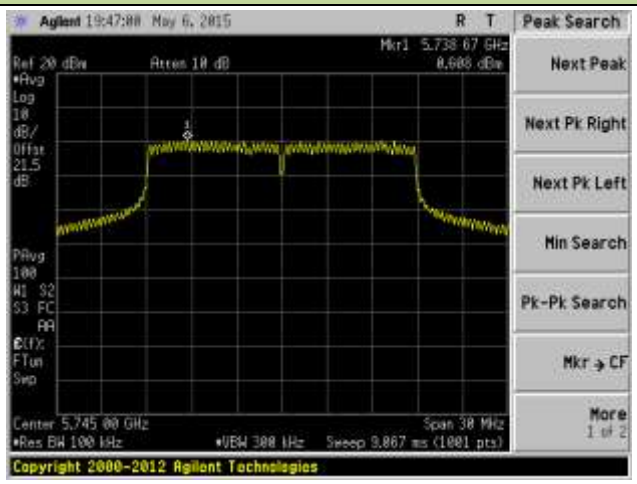
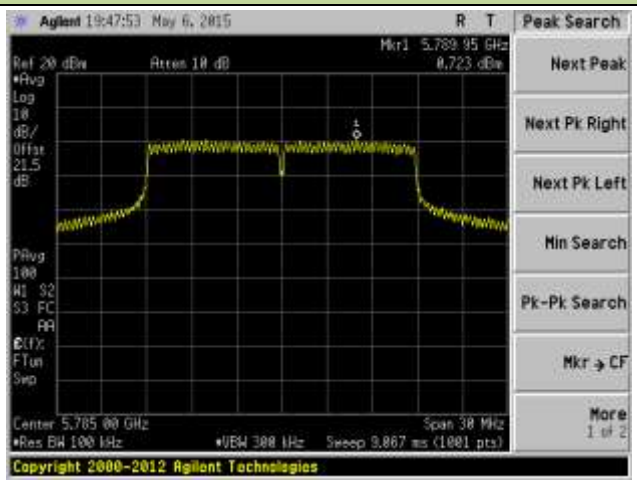


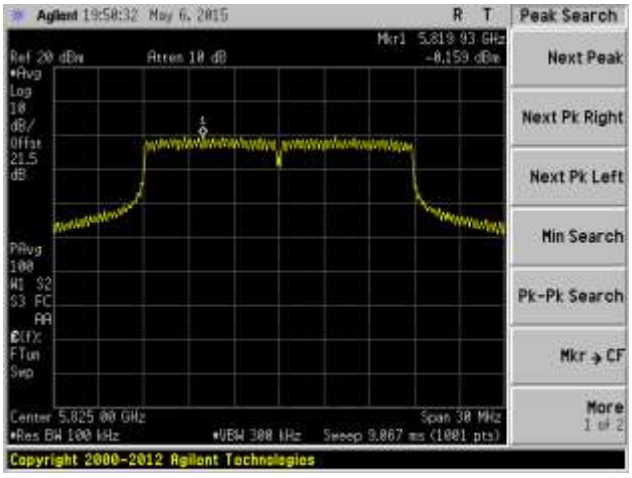
Channel 60 (5300MHz)



Channel 64 (5320MHz)

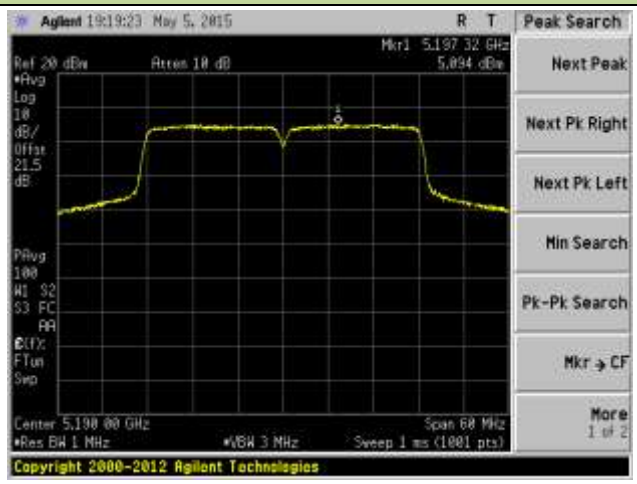


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

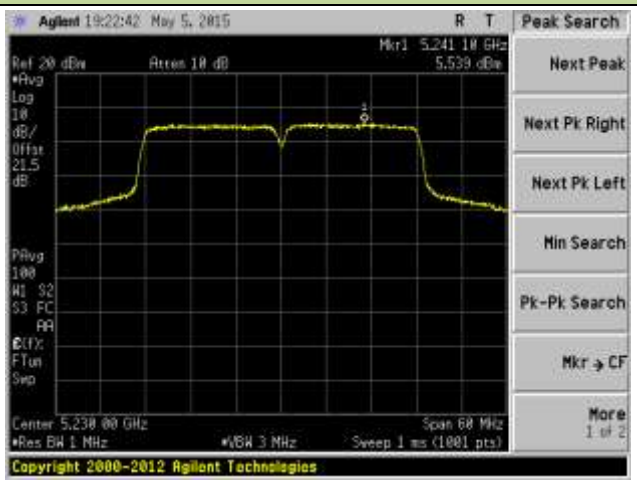
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 + 1

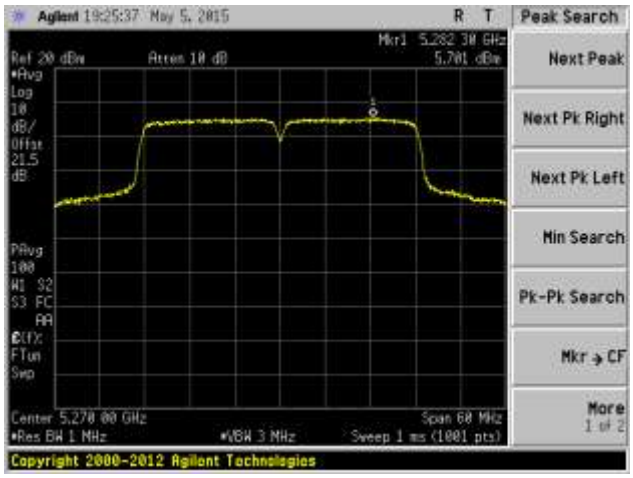
Channel 38 (5190MHz)



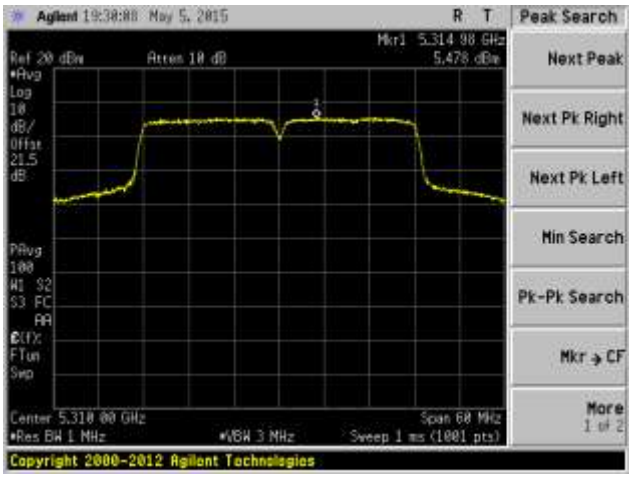
Channel 46 (5230MHz)



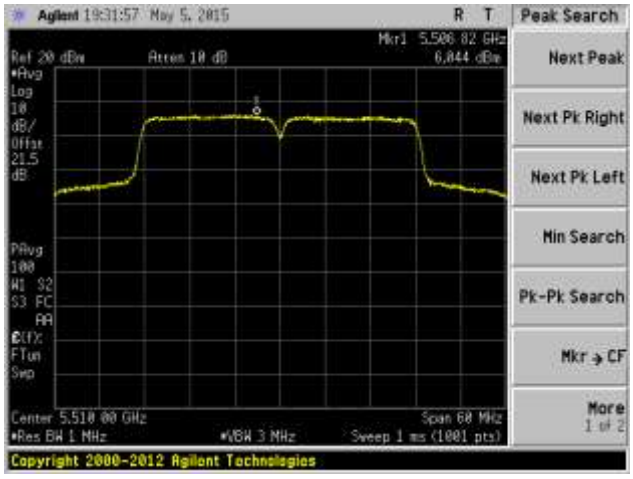
Channel 54 (5270MHz)



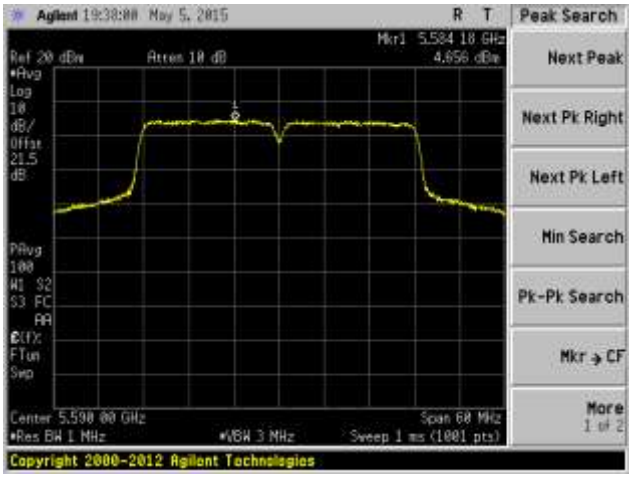
Channel 62 (5310MHz)

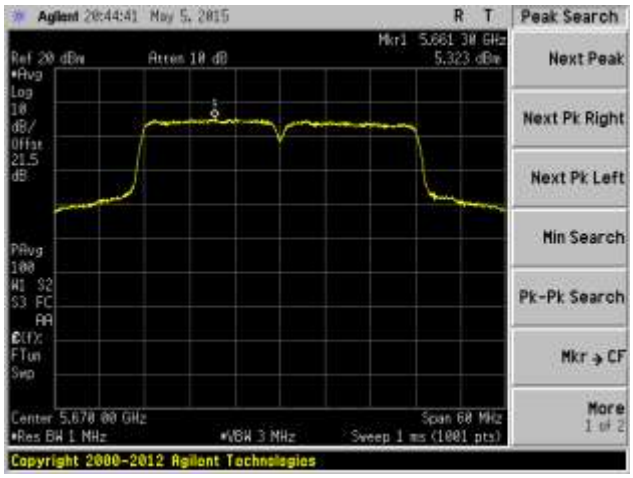
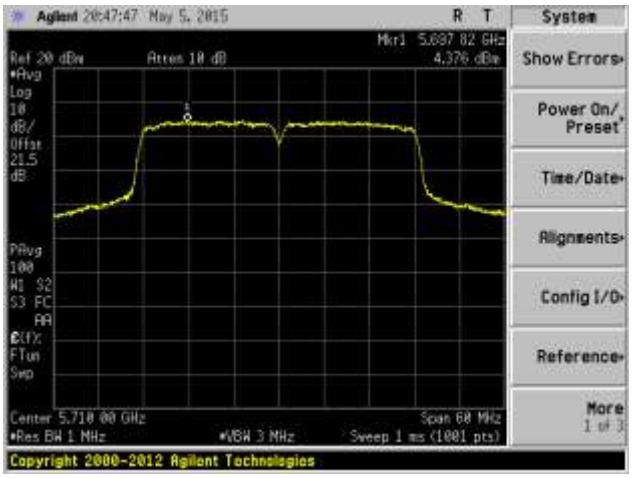
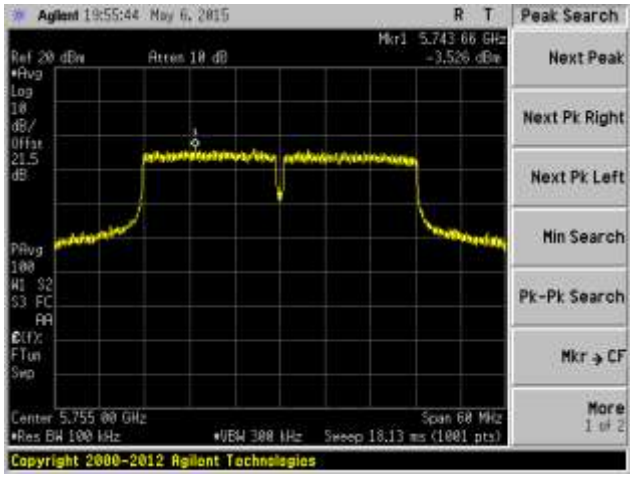
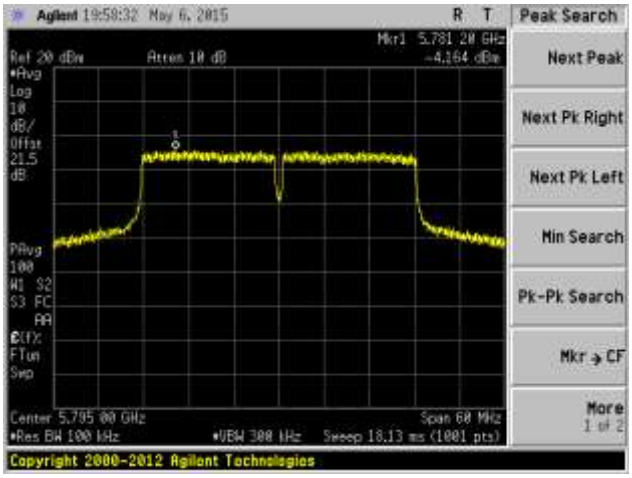


Channel 102 (5510MHz)



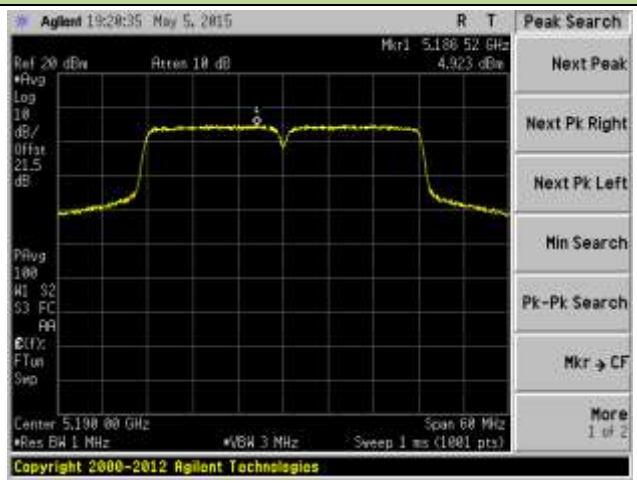
Channel 118 (5590MHz)



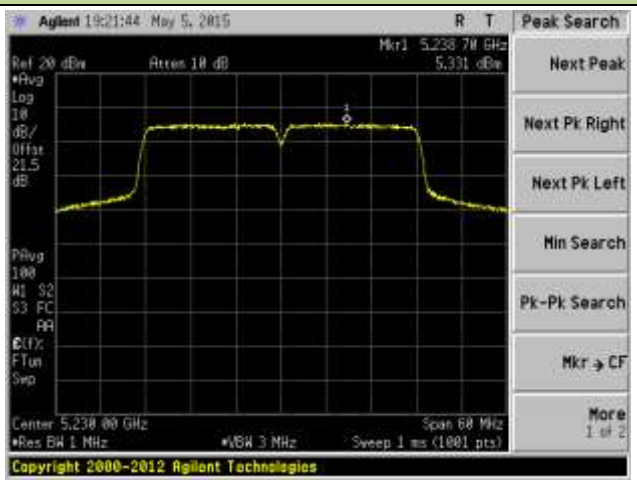
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1

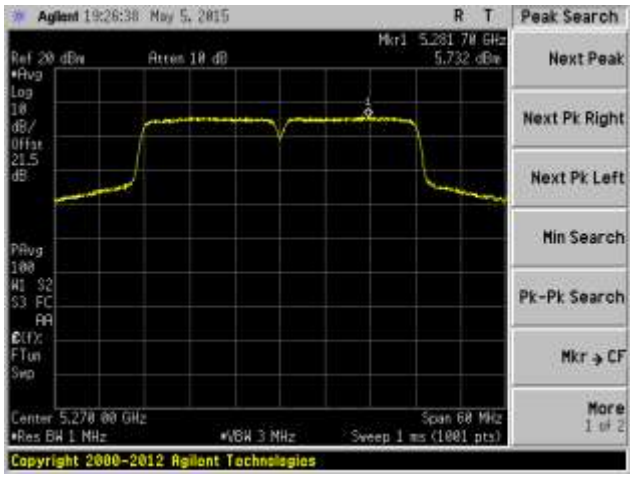
Channel 38 (5190MHz)



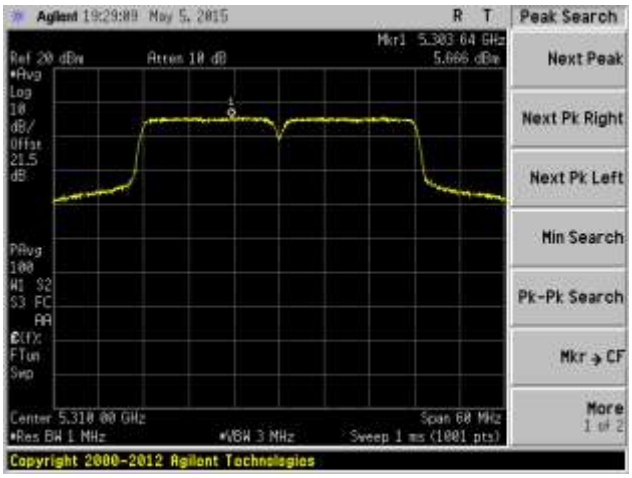
Channel 46 (5230MHz)



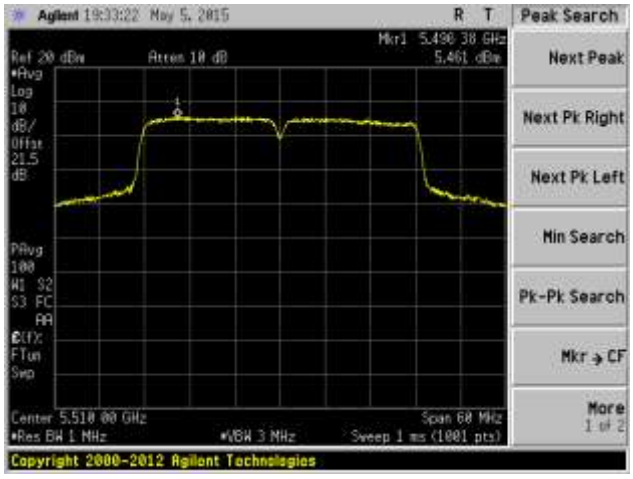
Channel 54 (5270MHz)



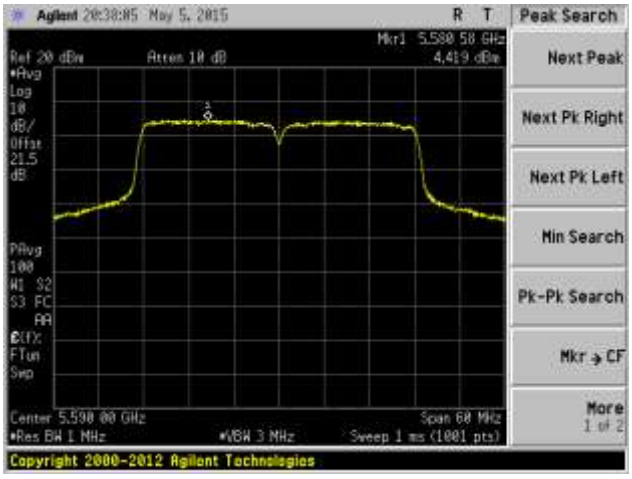
Channel 62 (5310MHz)

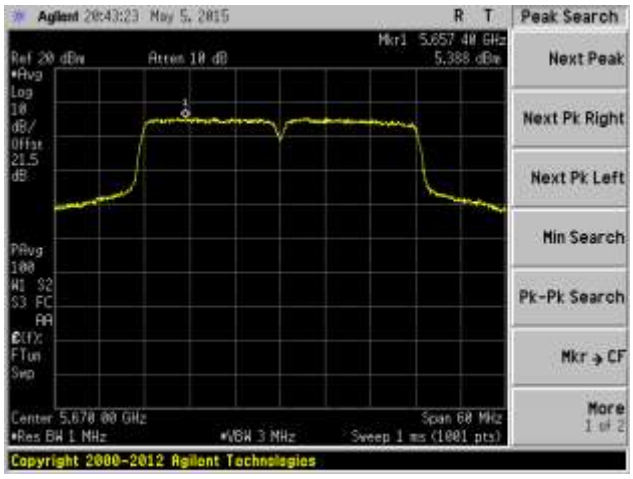
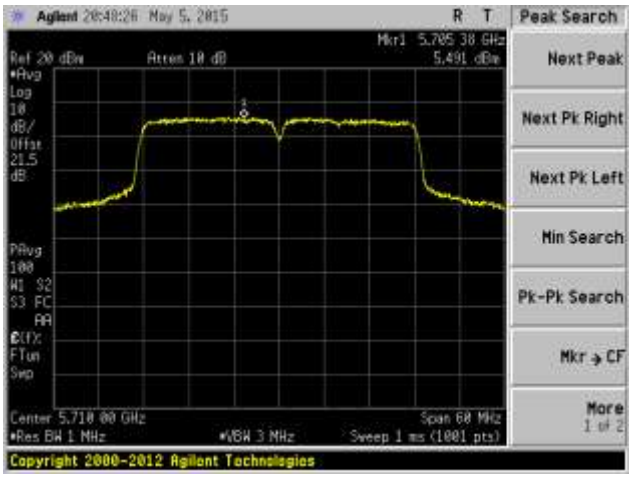
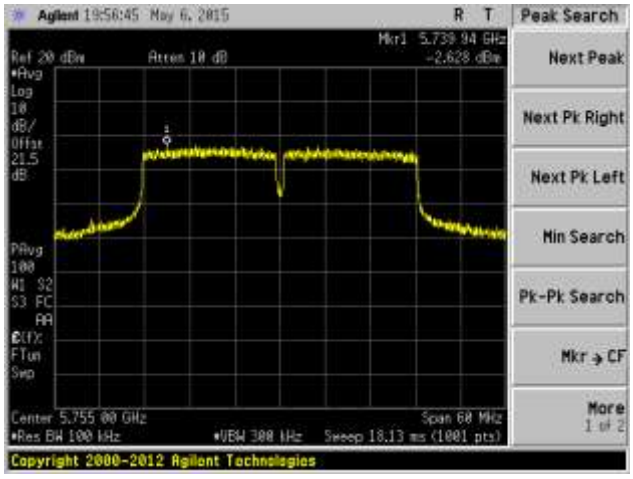
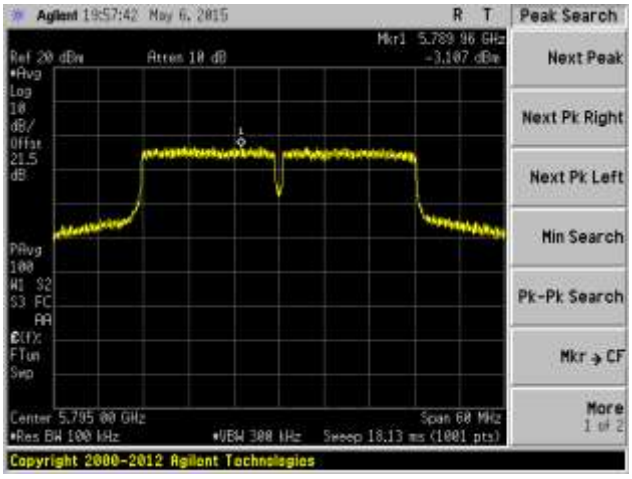


Channel 102 (5510MHz)



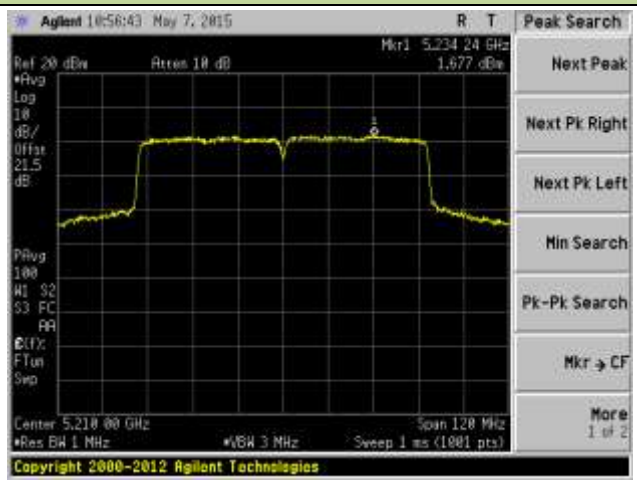
Channel 118 (5590MHz)



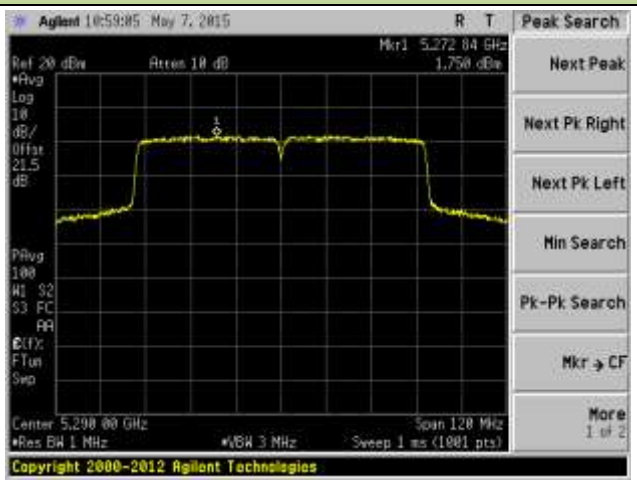
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 + 1

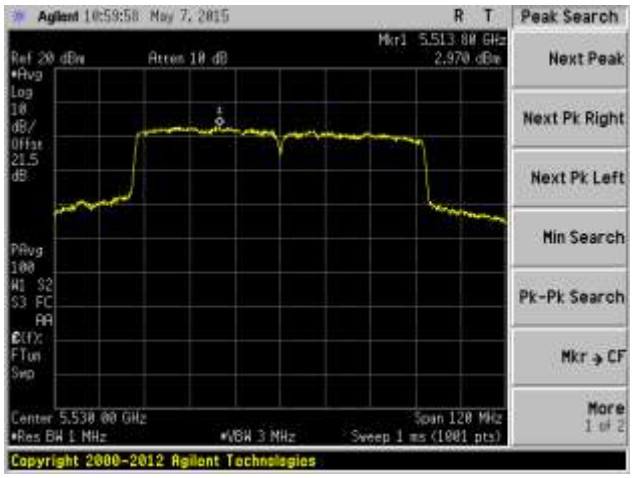
Channel 42 (5210MHz)



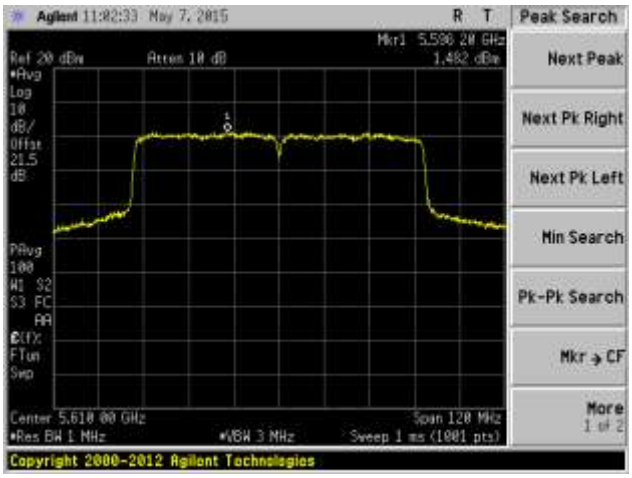
Channel 58 (5290MHz)



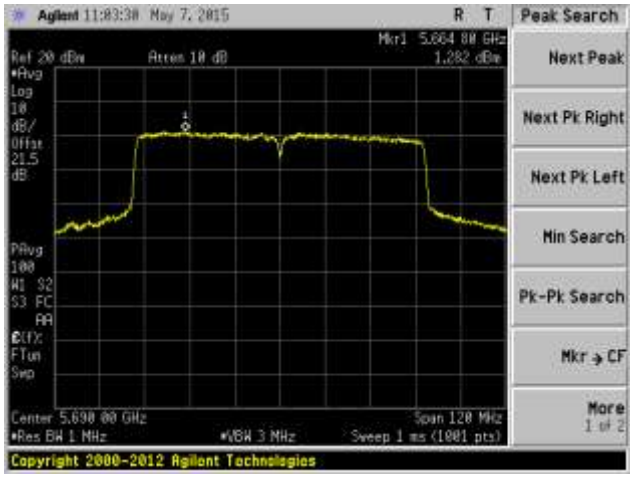
Channel 106 (5530MHz)



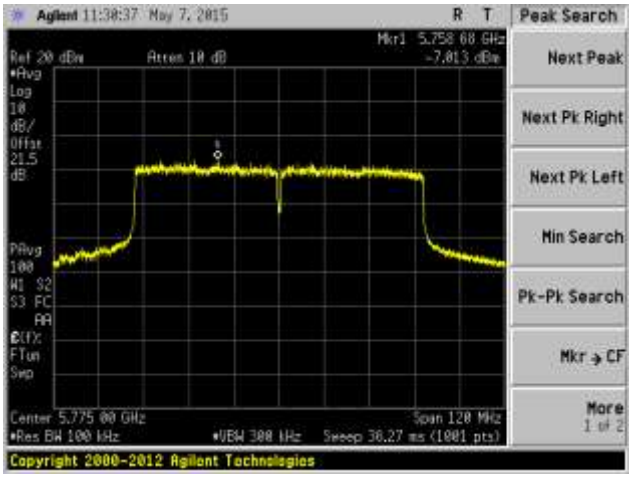
Channel 122 (5610MHz)



Channel 138 (5690MHz)

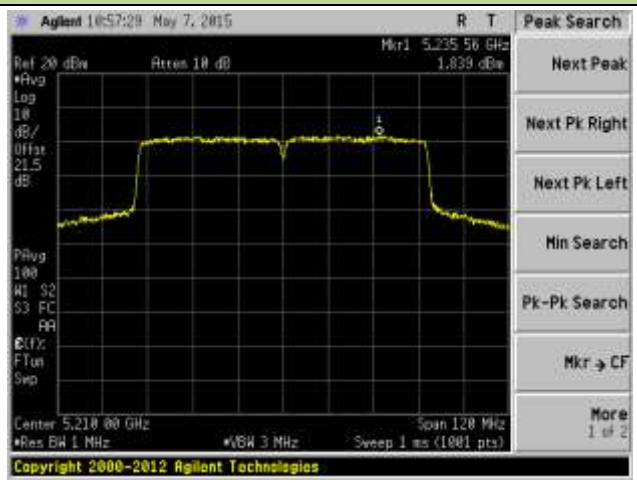


Channel 155 (5775MHz)

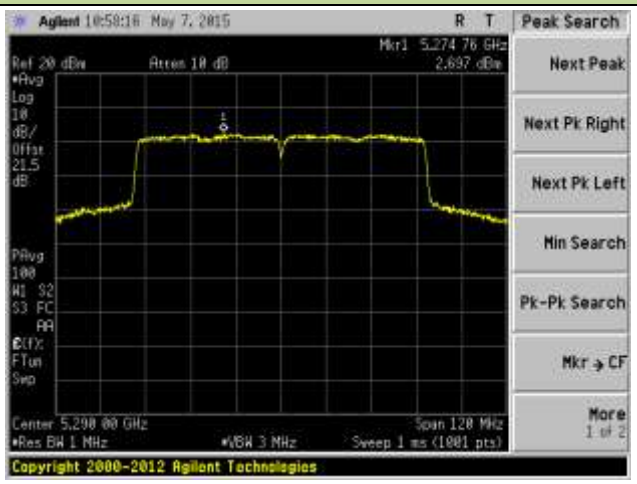


802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1

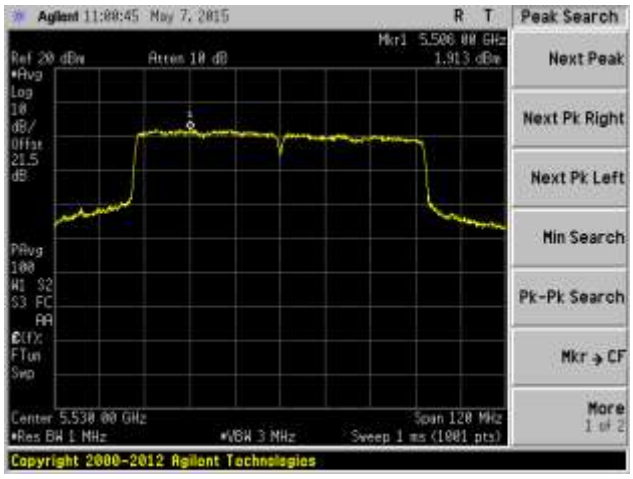
Channel 42 (5210MHz)



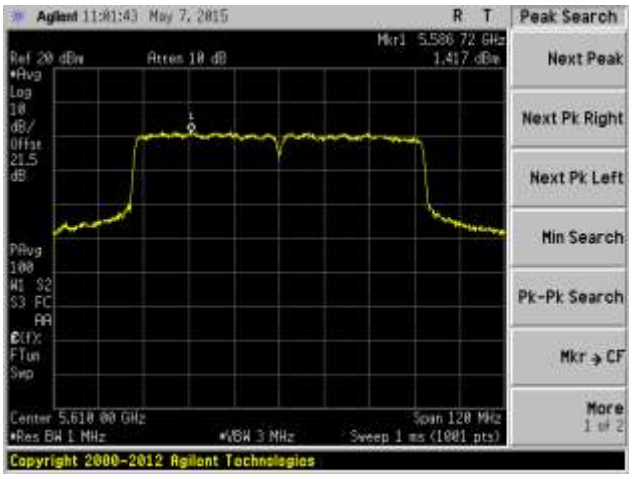
Channel 58 (5290MHz)



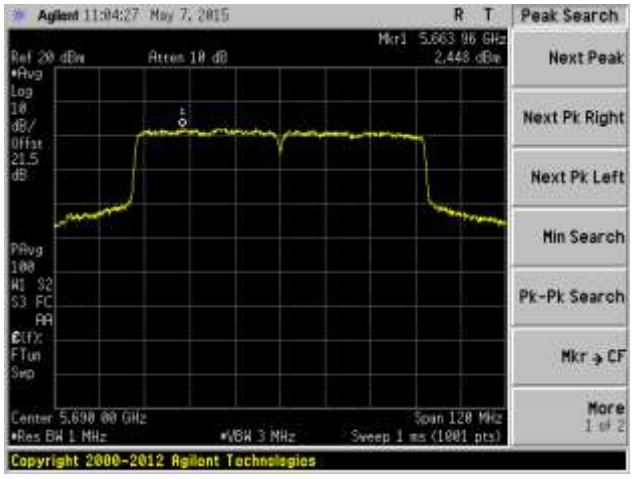
Channel 106 (5530MHz)



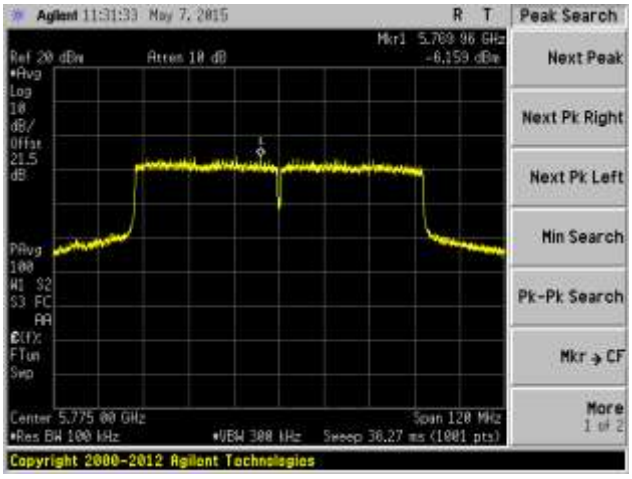
Channel 122 (5610MHz)



Channel 138 (5690MHz)

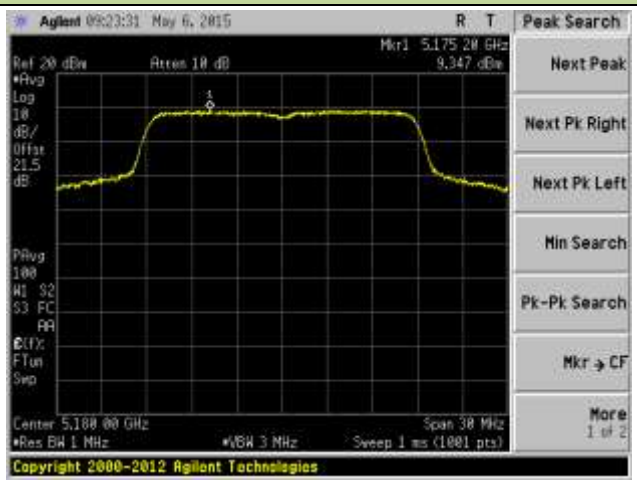


Channel 155 (5755MHz)

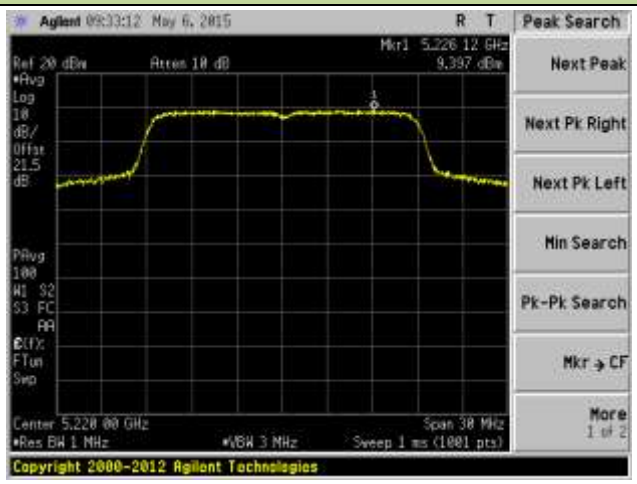


802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2

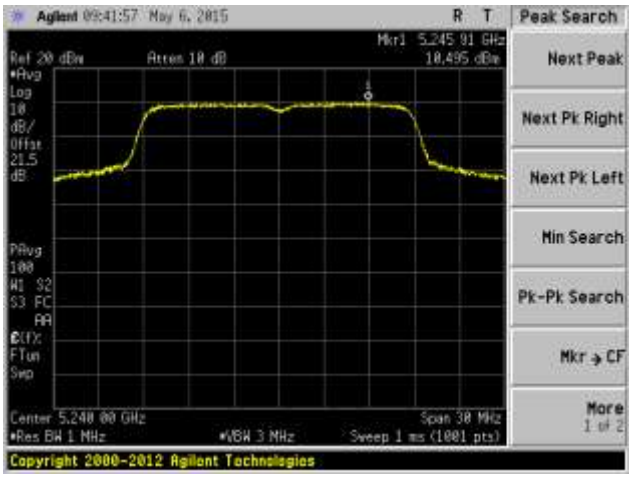
Channel 36 (5180MHz)



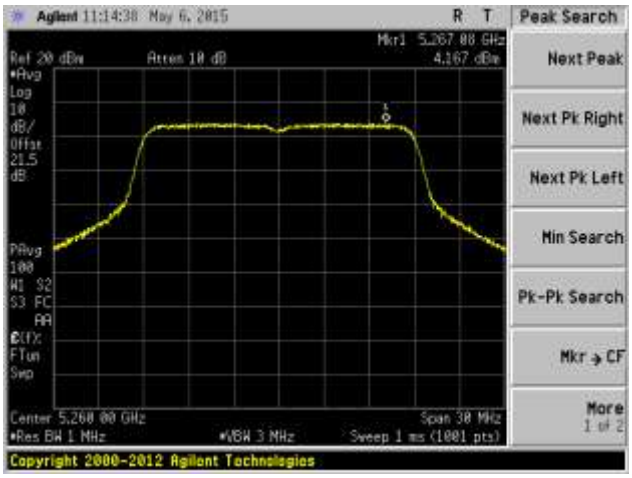
Channel 44 (5220MHz)



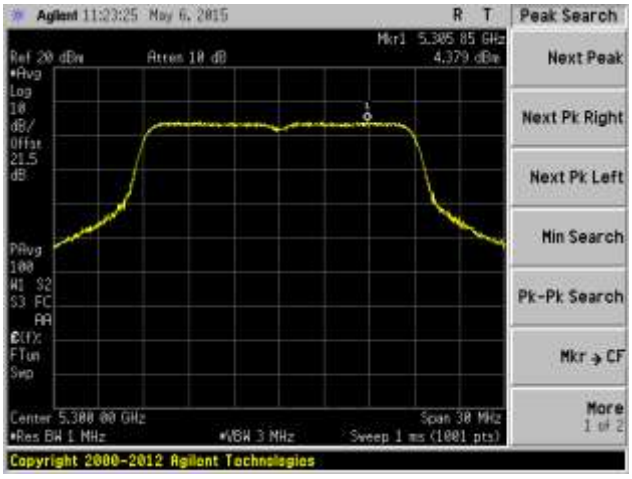
Channel 48 (5240MHz)



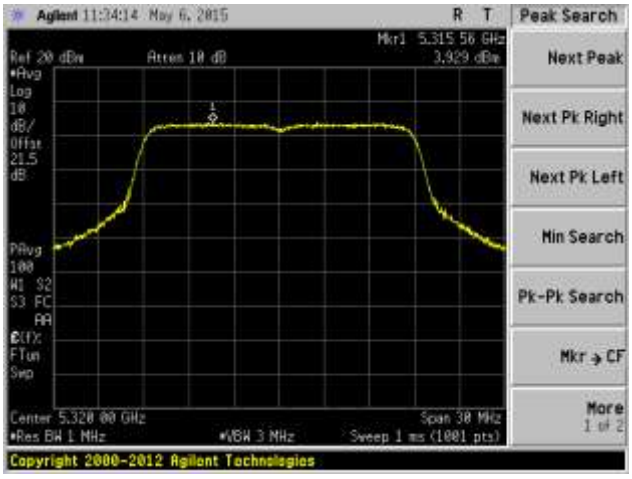
Channel 52 (5260MHz)

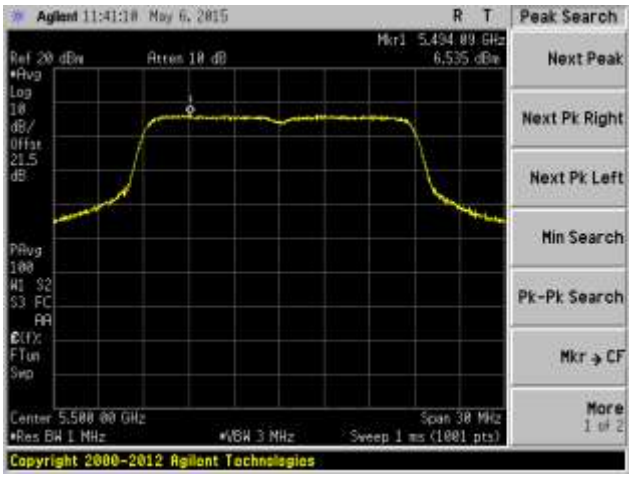
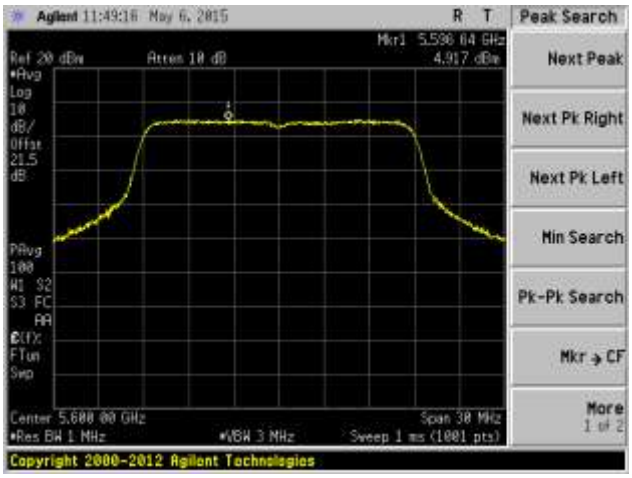
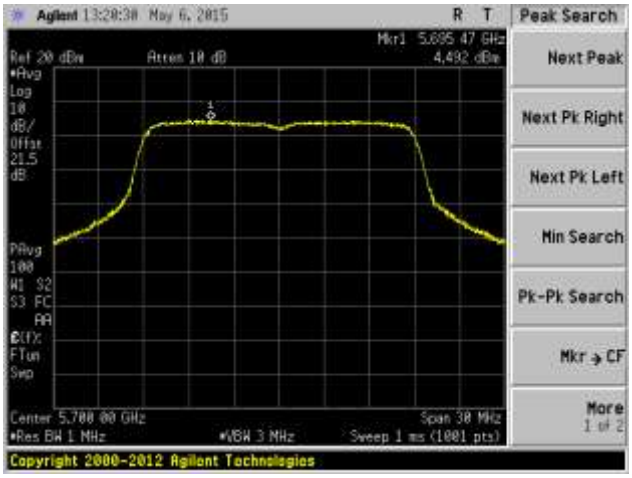
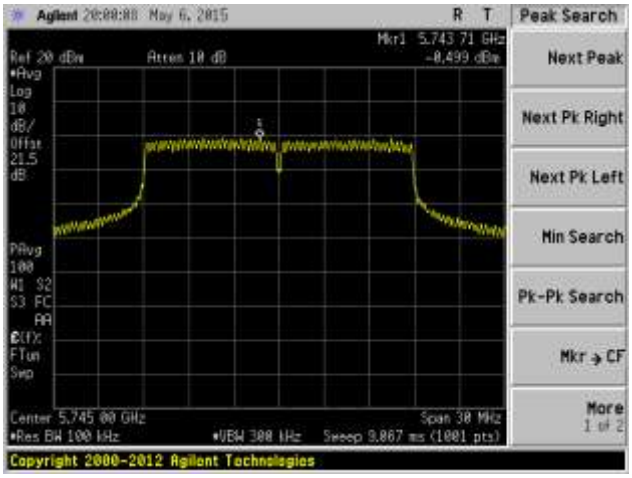
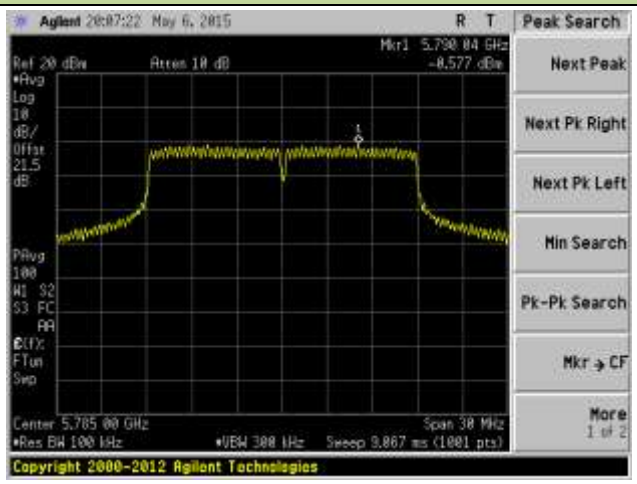
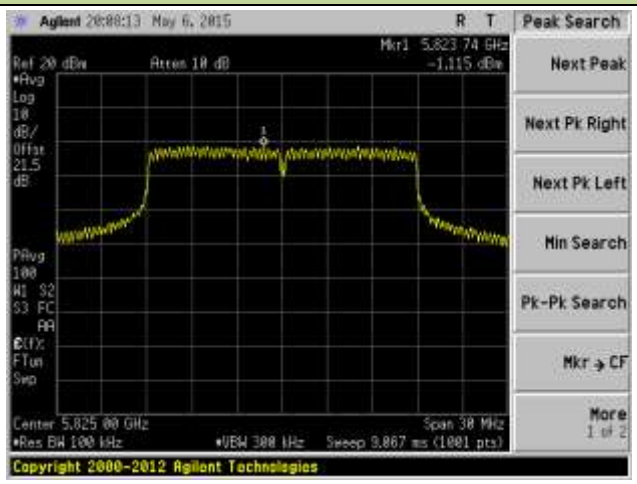


Channel 60 (5300MHz)



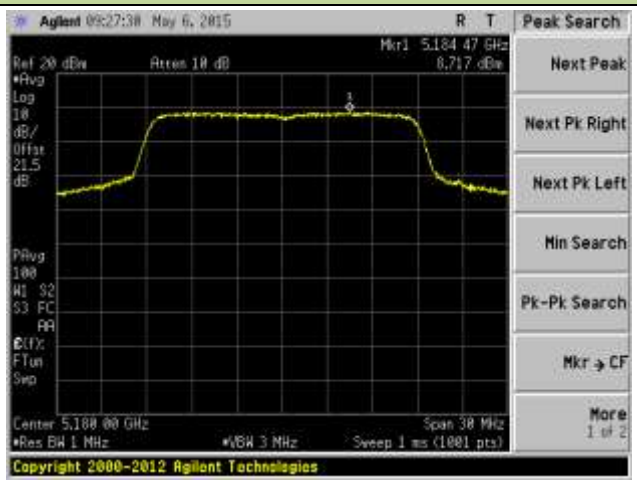
Channel 64 (5320MHz)



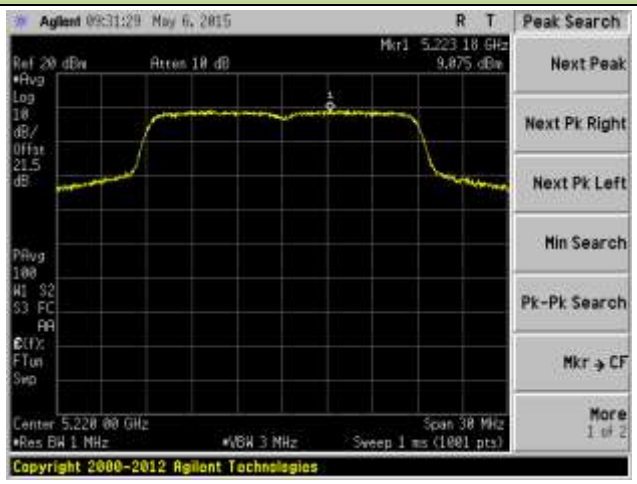
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2

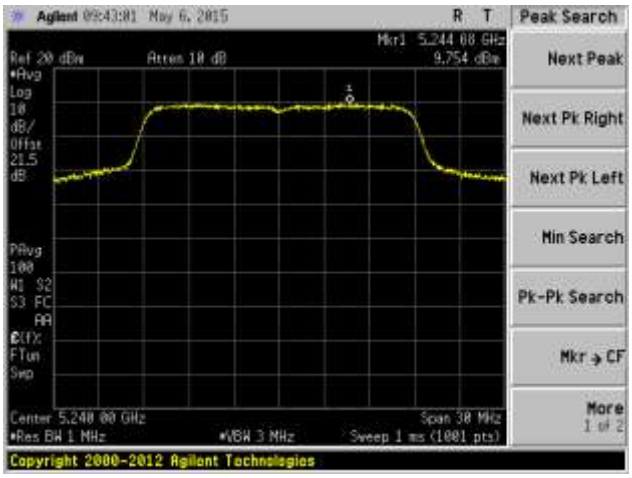
Channel 36 (5180MHz)



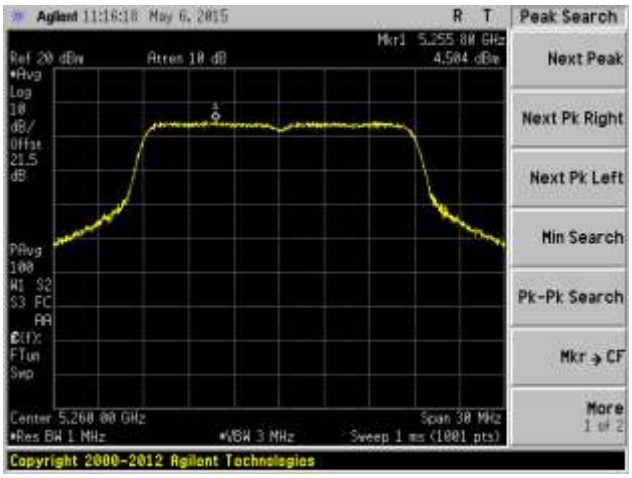
Channel 44 (5220MHz)



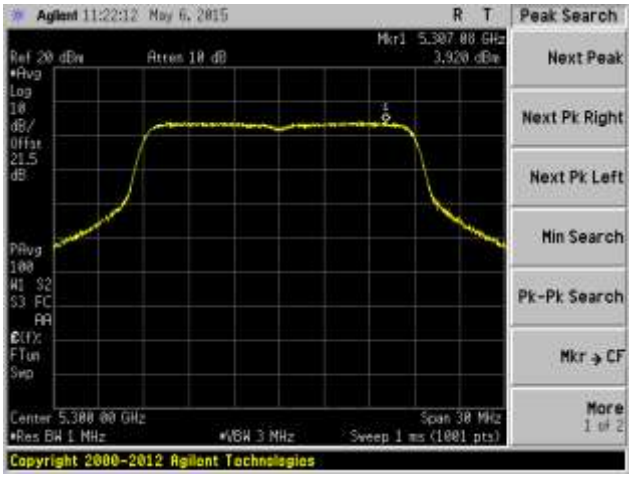
Channel 48 (5240MHz)



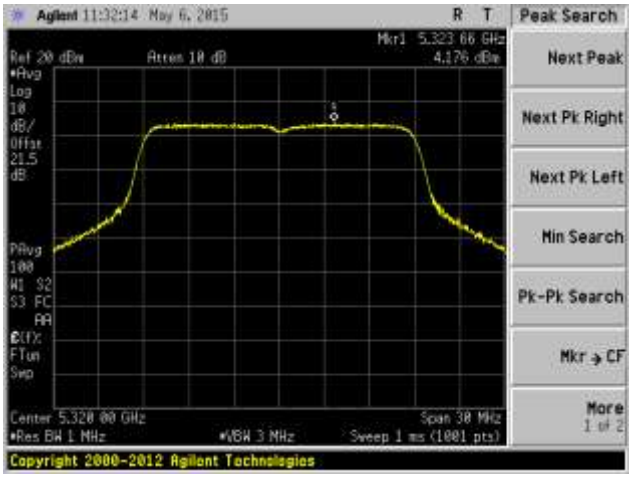
Channel 52 (5260MHz)

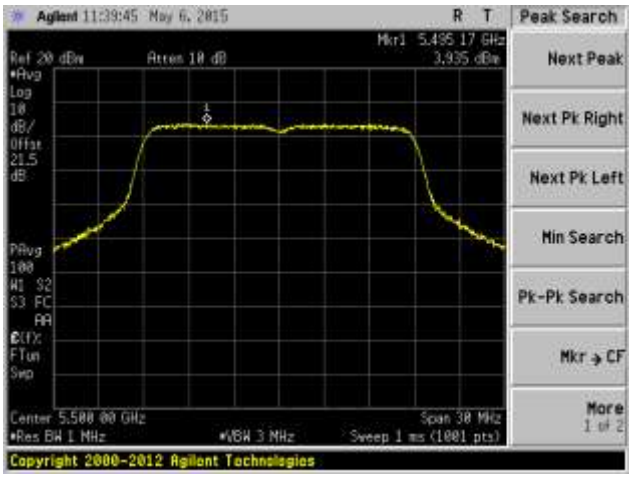
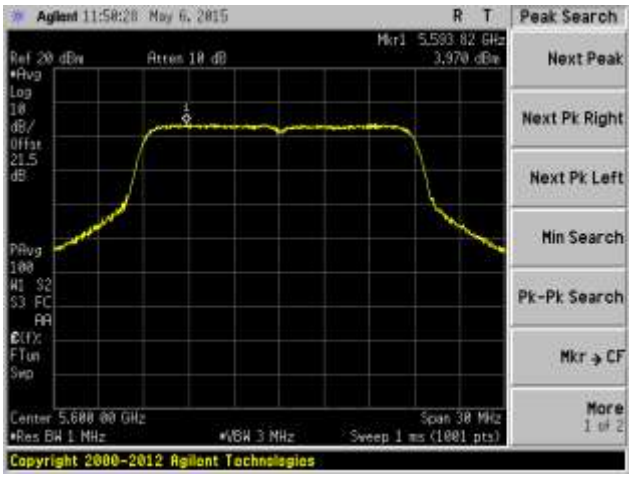
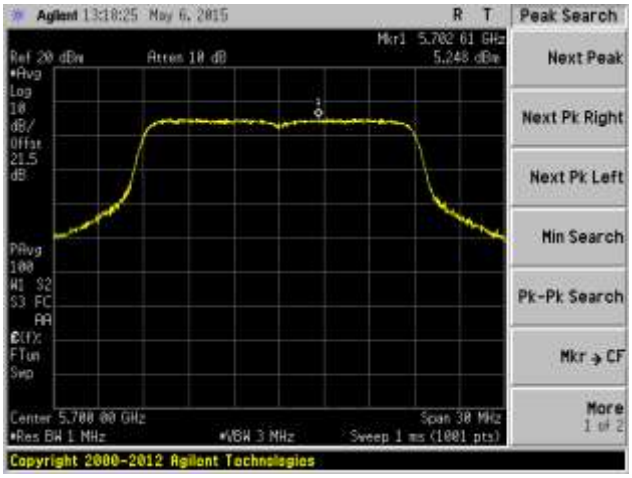
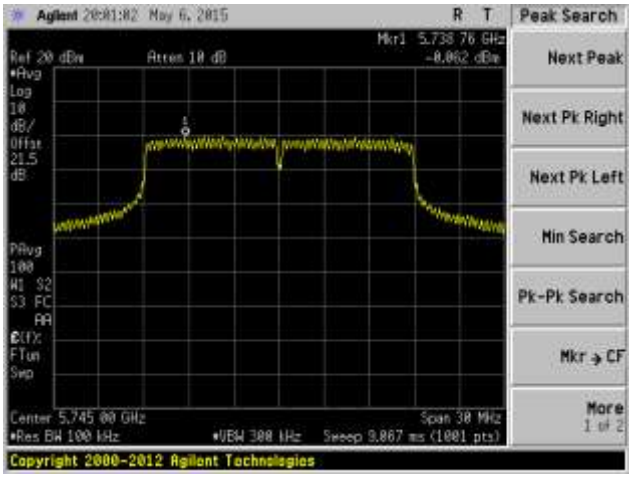
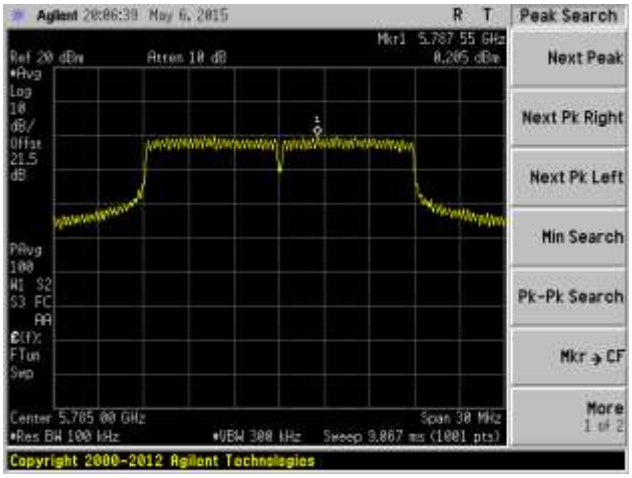
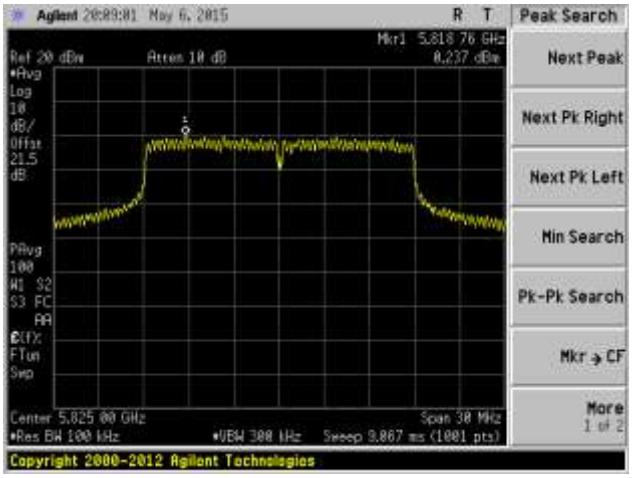


Channel 60 (5300MHz)



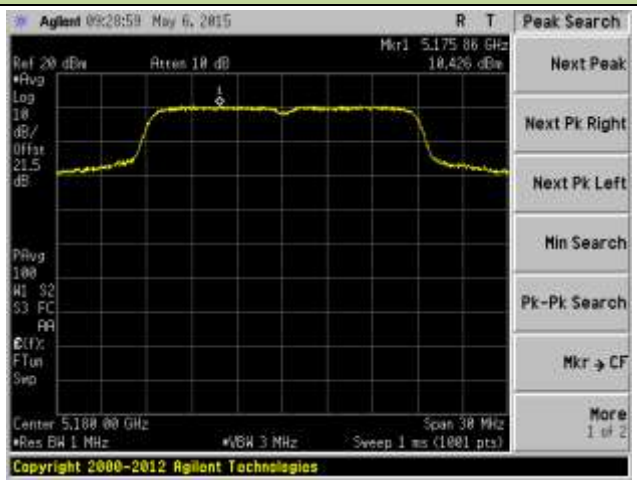
Channel 64 (5320MHz)



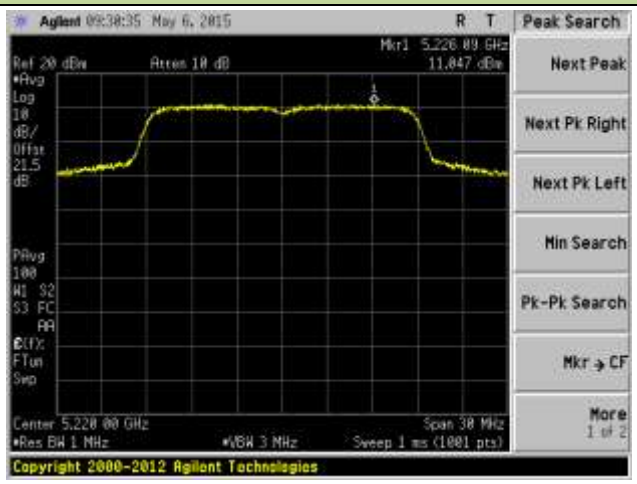
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2

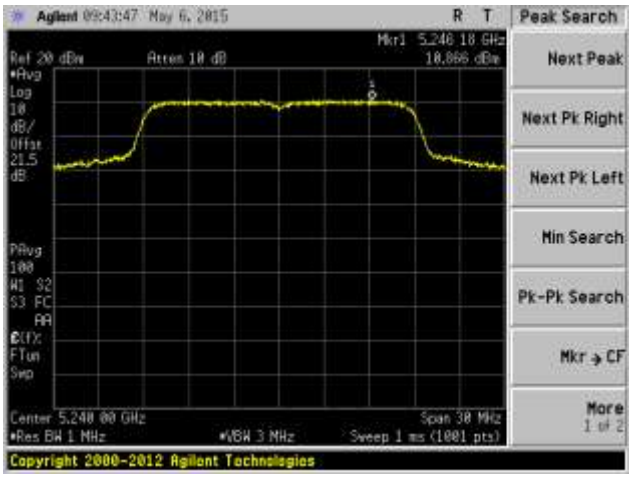
Channel 36 (5180MHz)



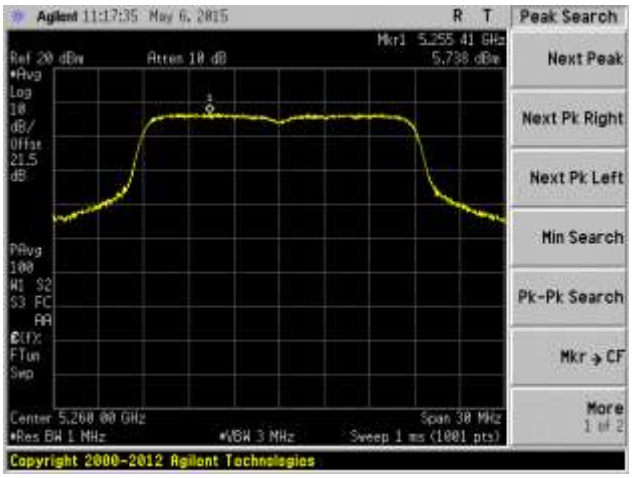
Channel 44 (5220MHz)



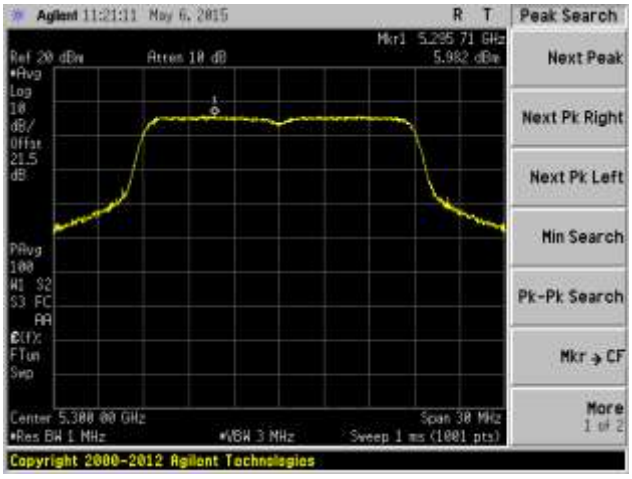
Channel 48 (5240MHz)



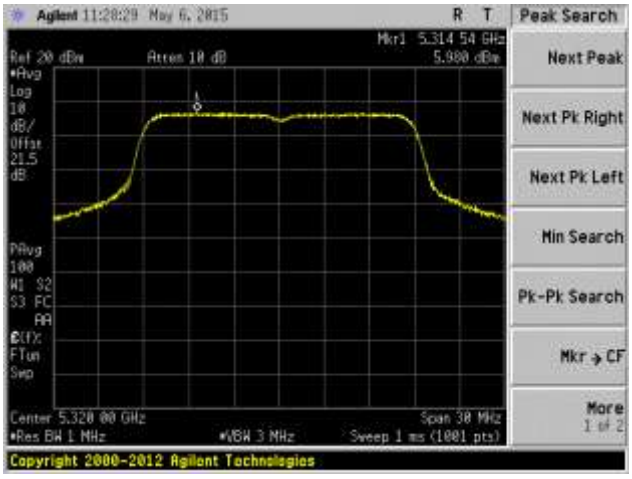
Channel 52 (5260MHz)

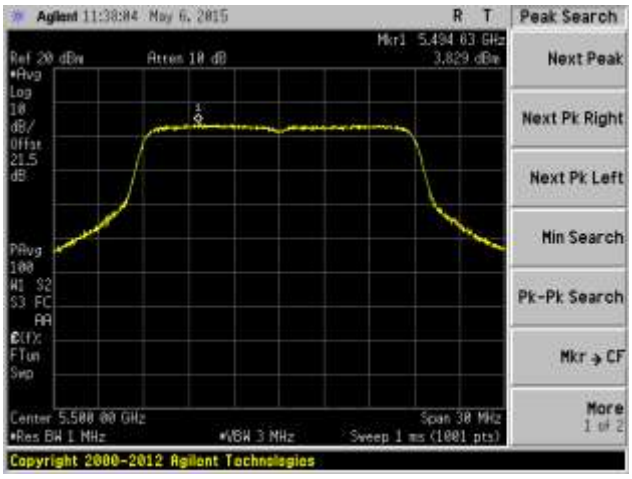
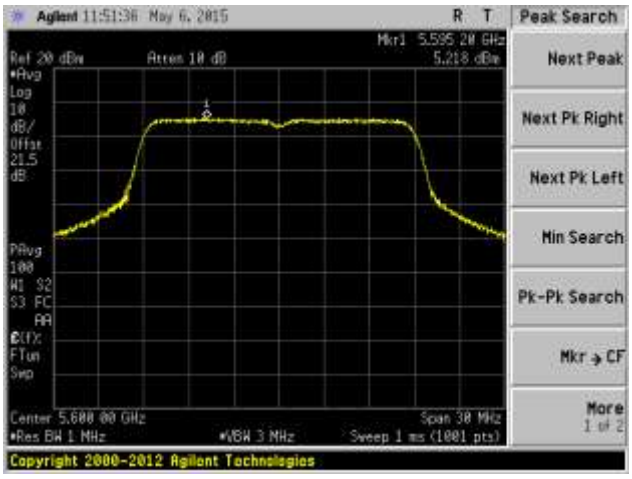
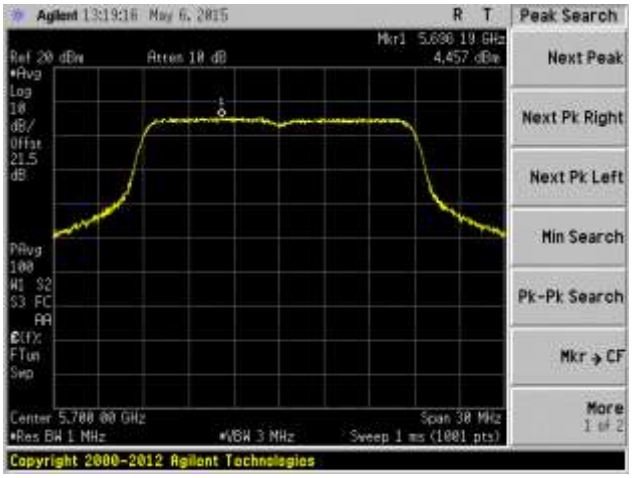
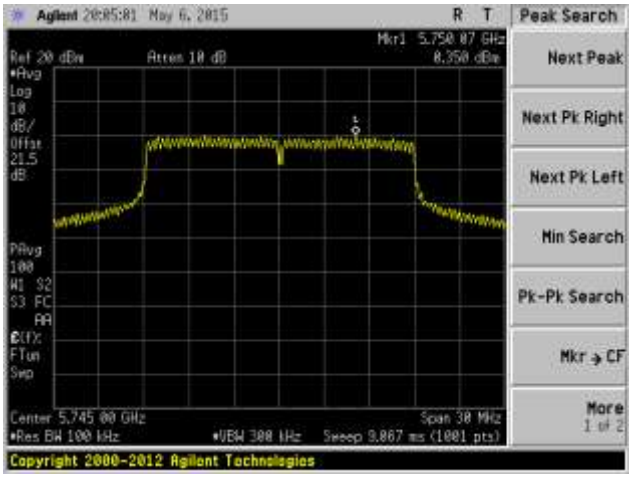
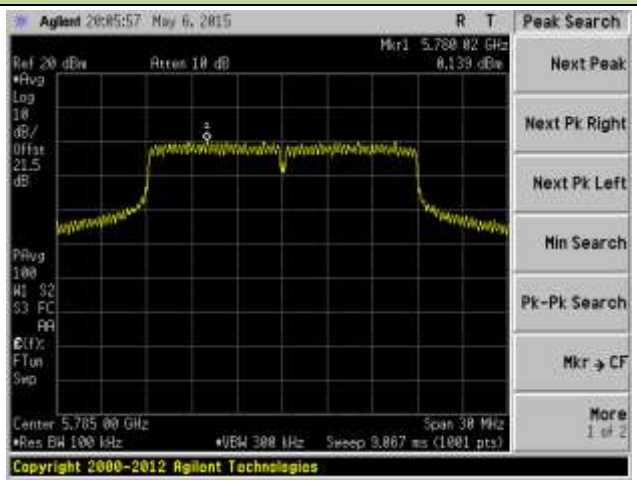
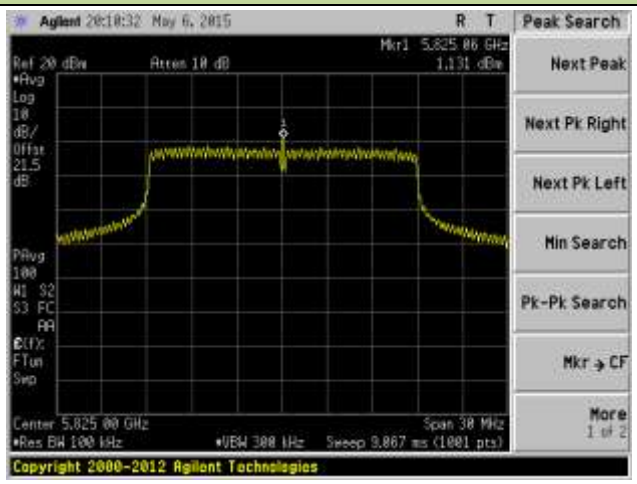


Channel 60 (5300MHz)



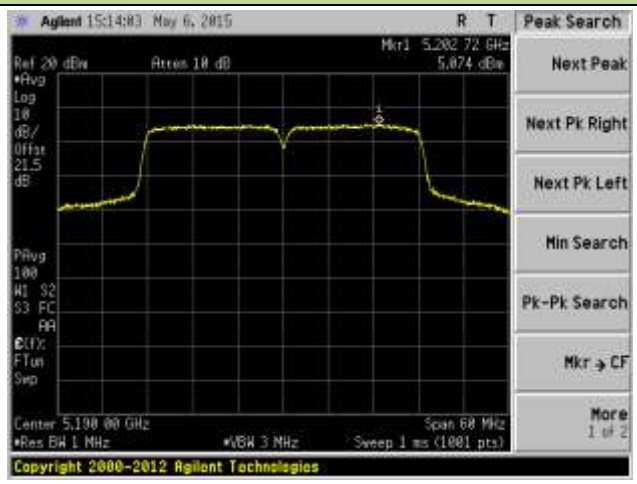
Channel 64 (5320MHz)



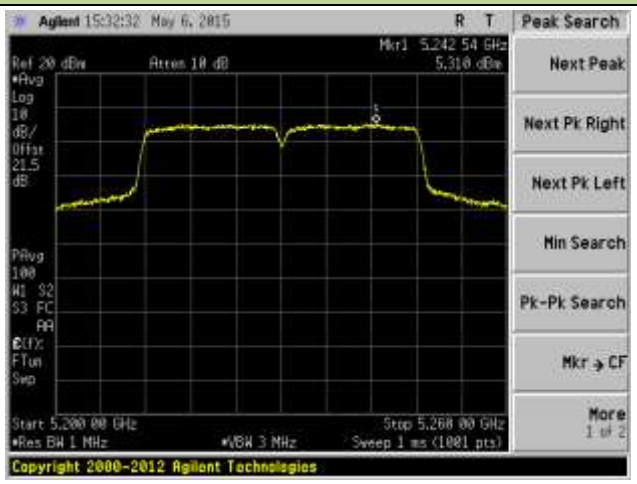
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2

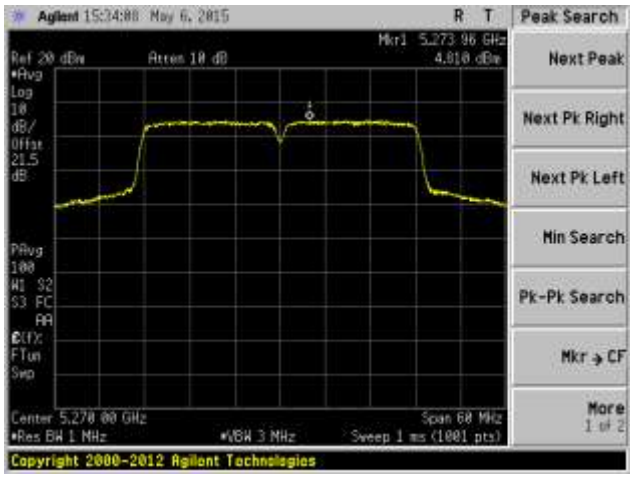
Channel 38 (5190MHz)



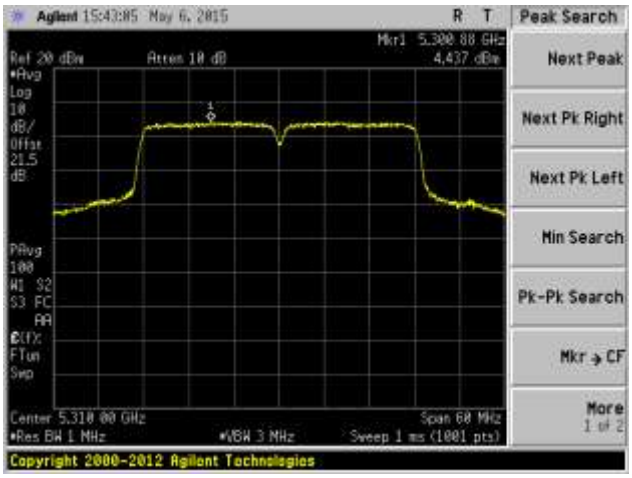
Channel 46 (5230MHz)



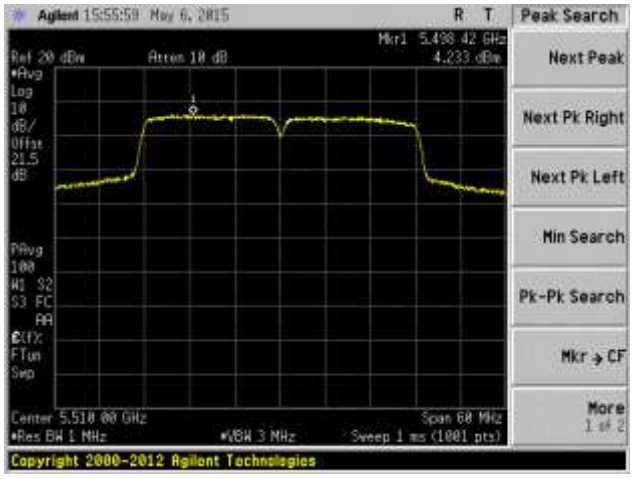
Channel 54 (5270MHz)



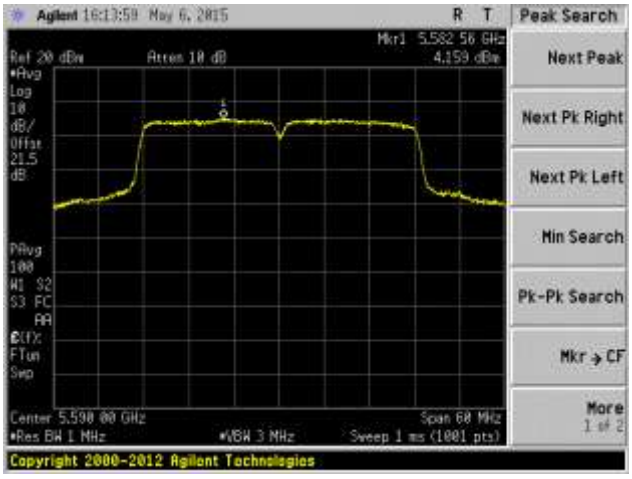
Channel 62 (5310MHz)

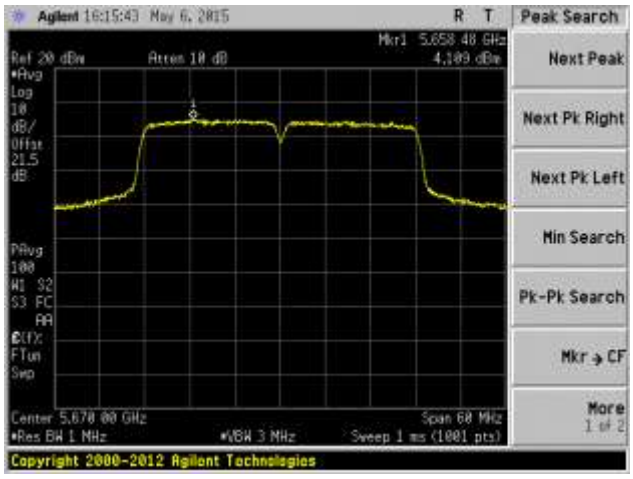
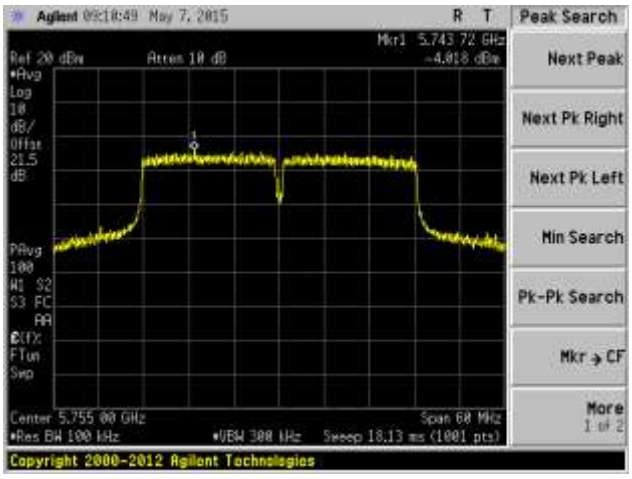
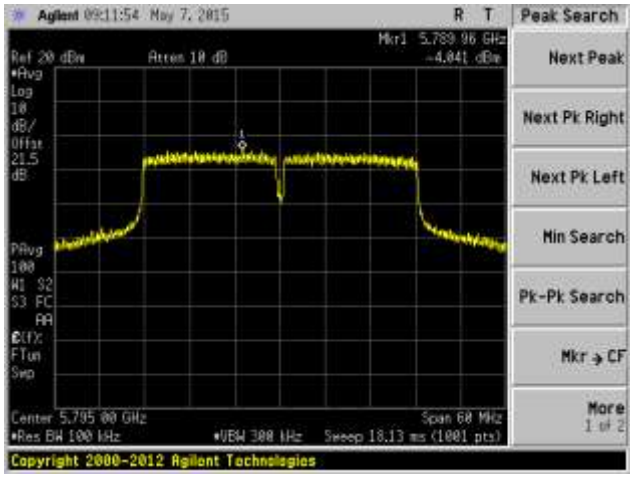


Channel 102 (5510MHz)



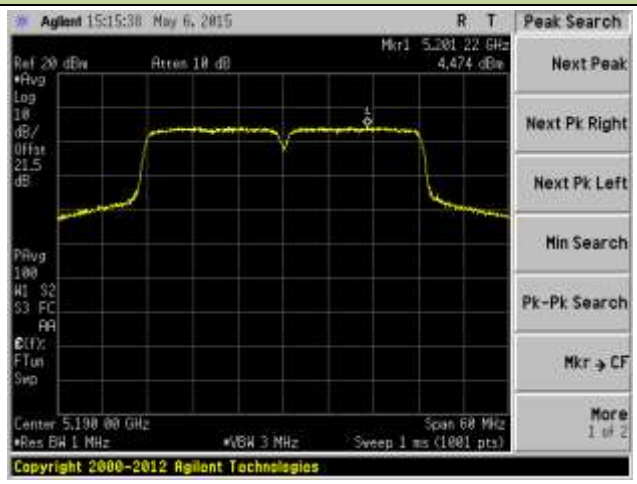
Channel 118 (5590MHz)



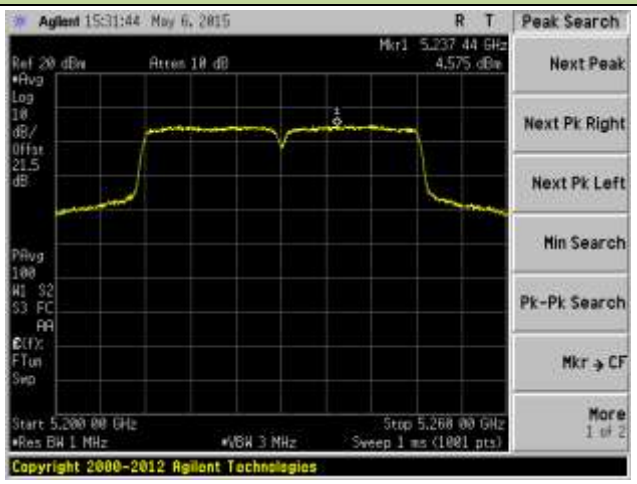
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2

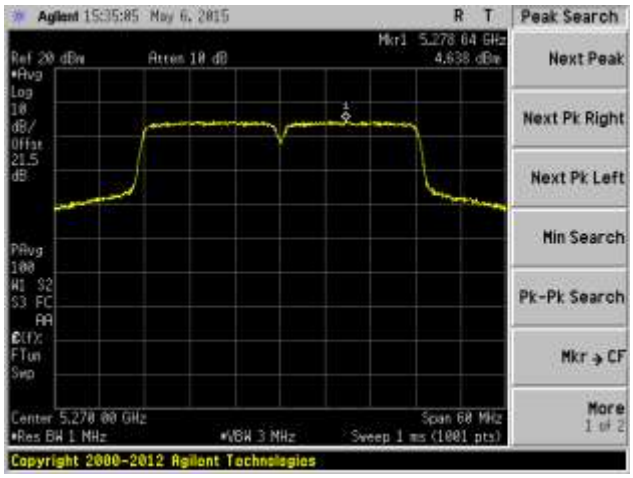
Channel 38 (5190MHz)



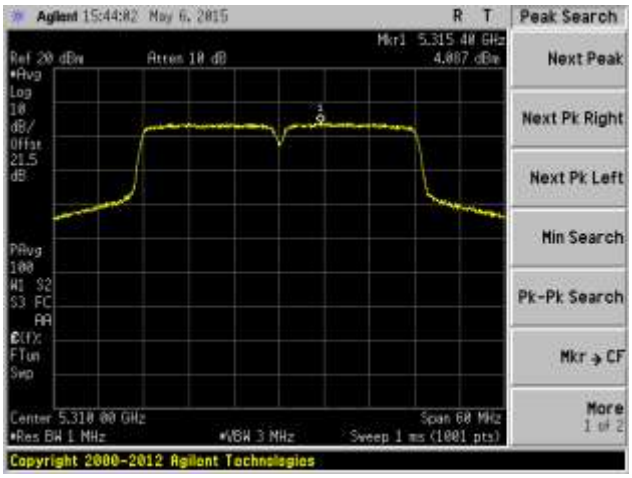
Channel 46 (5230MHz)



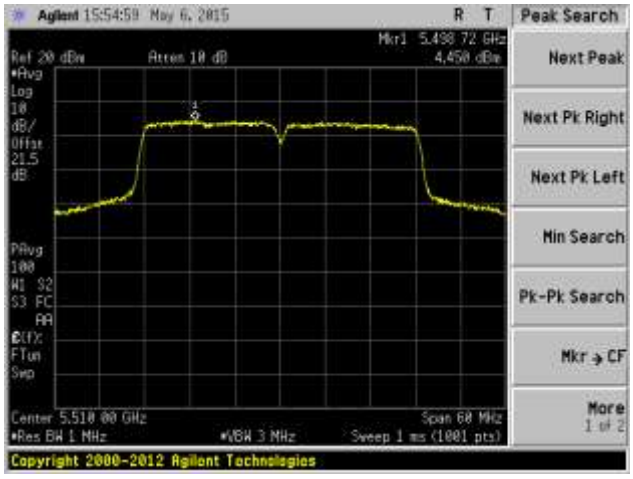
Channel 54 (5270MHz)



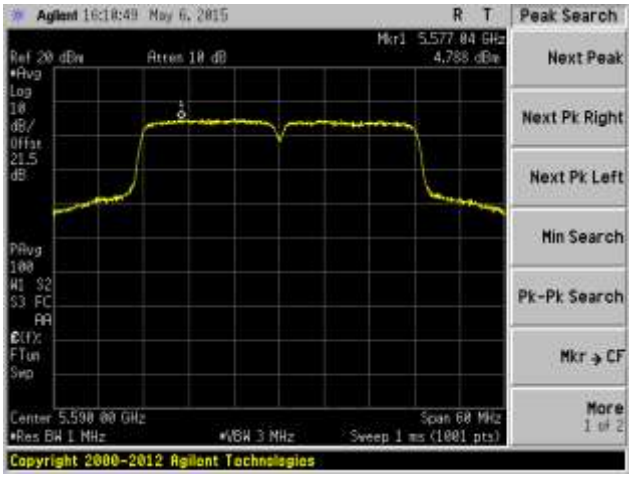
Channel 62 (5310MHz)

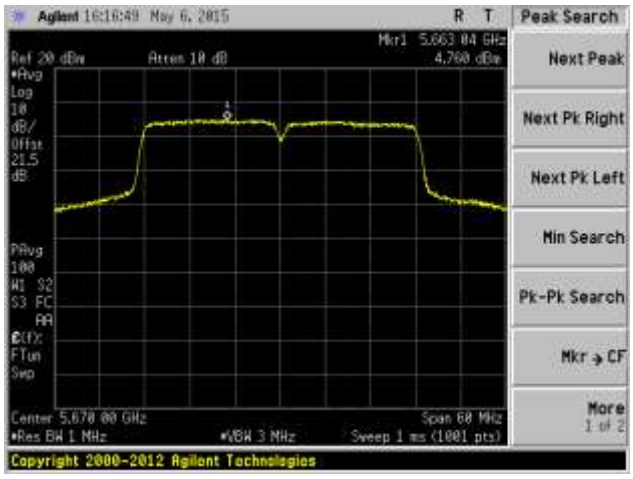
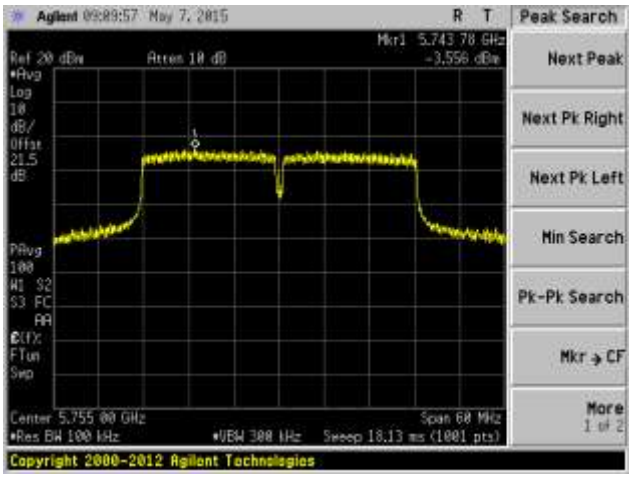
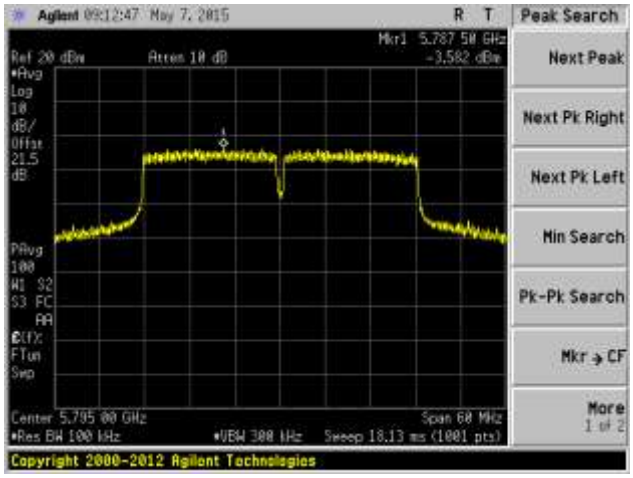


Channel 102 (5510MHz)



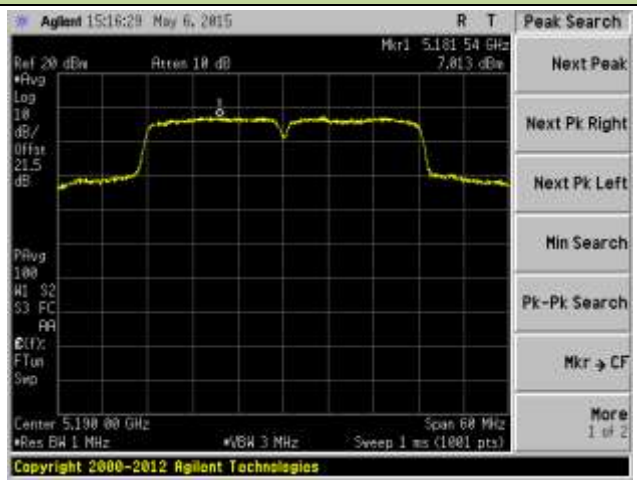
Channel 118 (5590MHz)



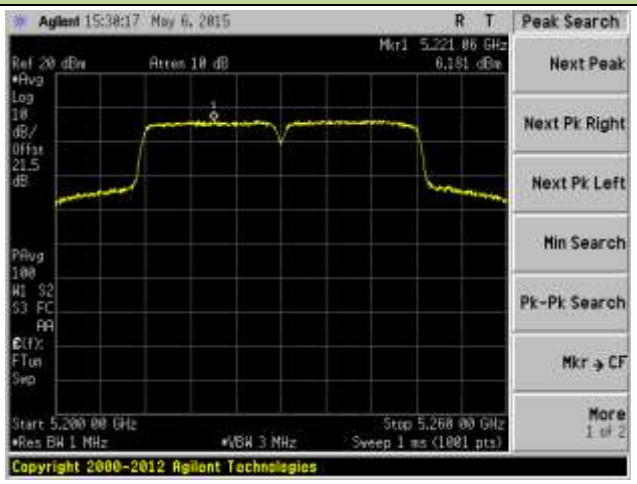
Channel 134 (5670MHz)	Channel 151 (5755 MHz)
	
Channel 159 (5795 MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2

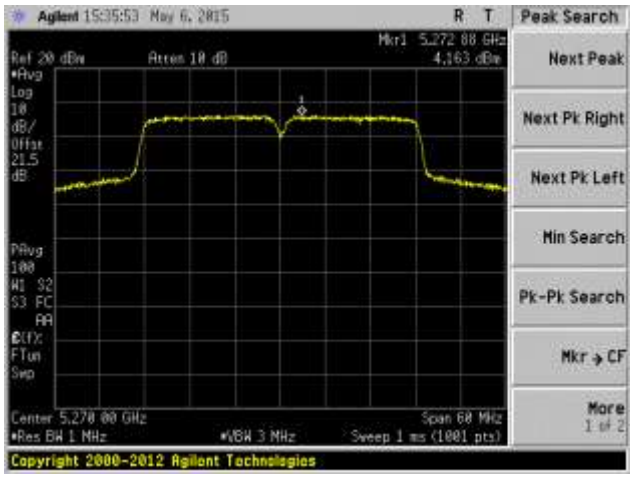
Channel 38 (5190MHz)



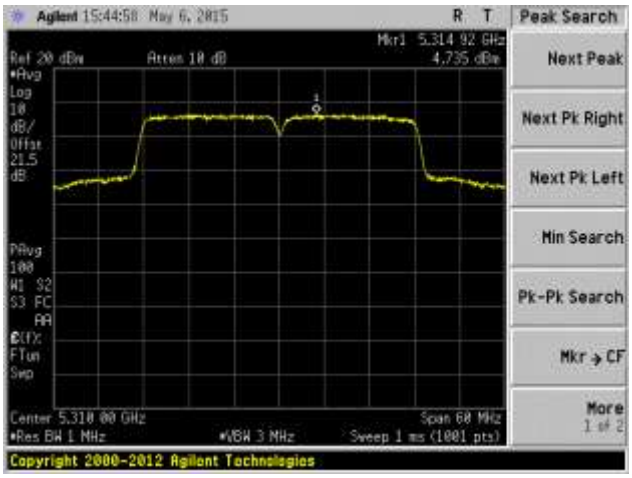
Channel 46 (5230MHz)



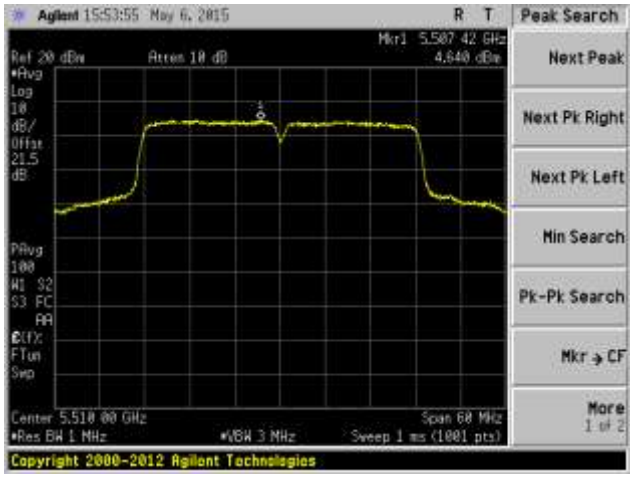
Channel 54 (5270MHz)



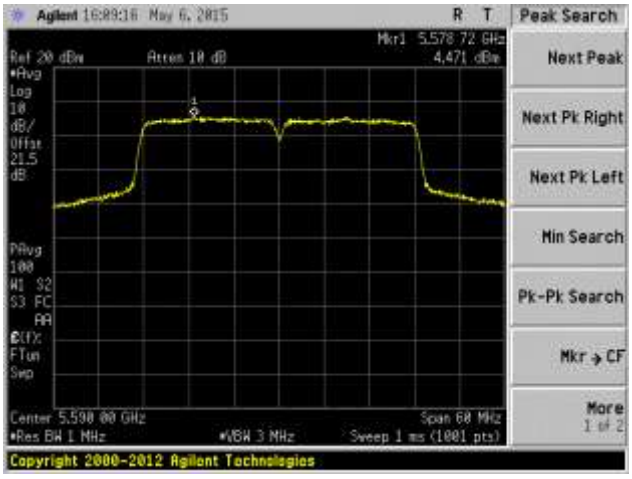
Channel 62 (5310MHz)

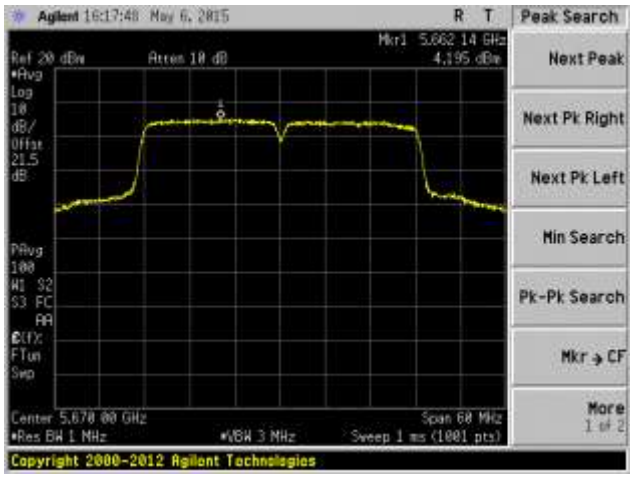
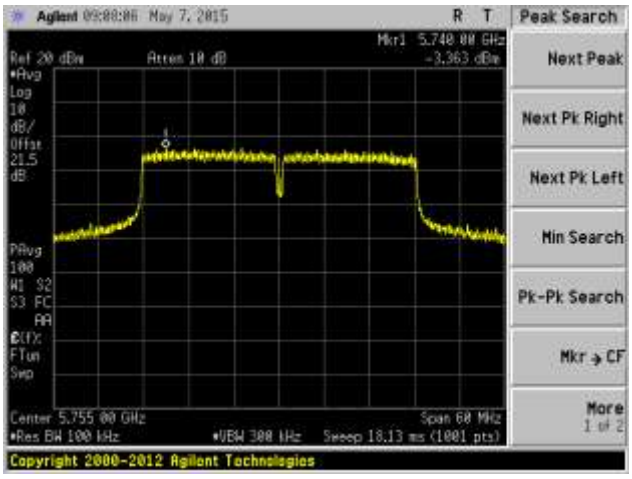
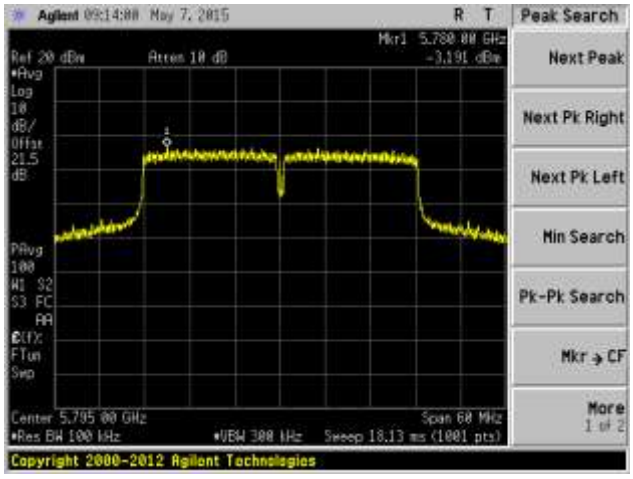


Channel 102 (5510MHz)



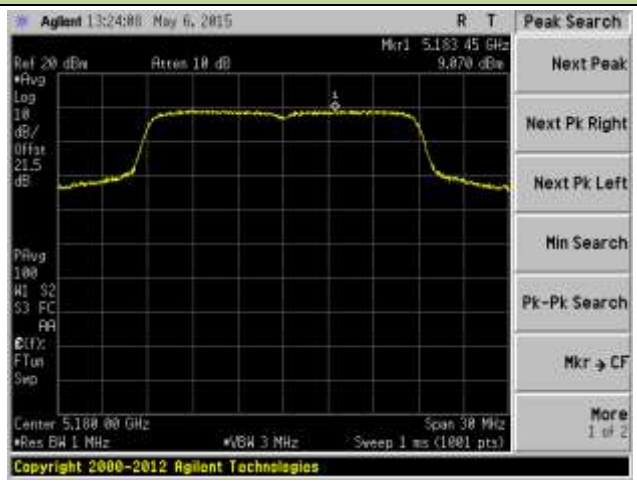
Channel 118 (5590MHz)



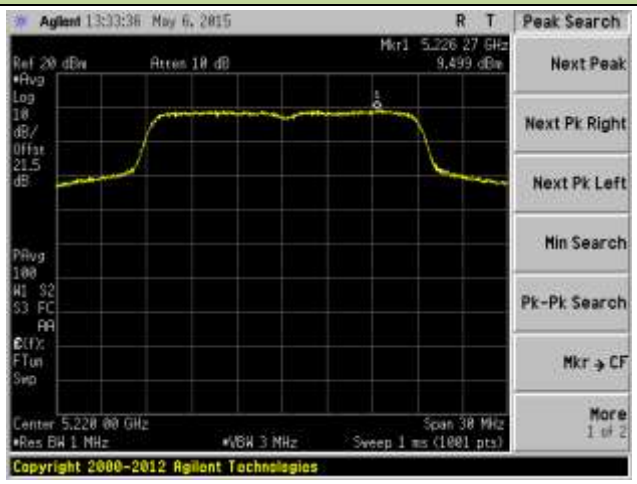
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2

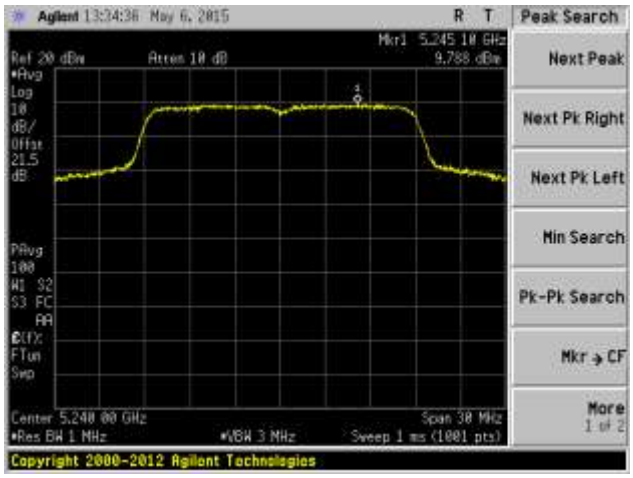
Channel 36 (5180MHz)



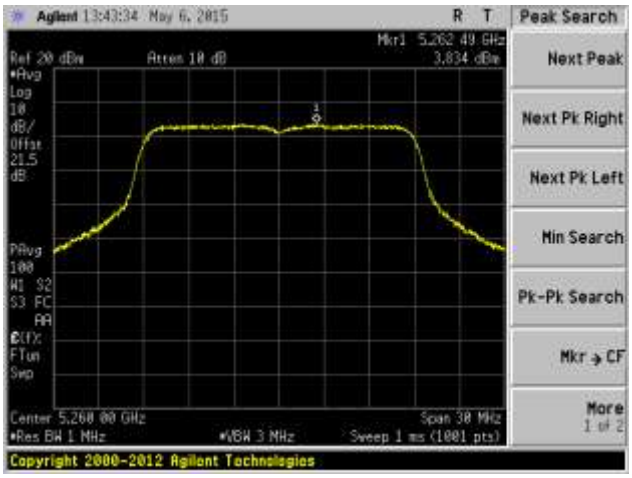
Channel 44 (5220MHz)



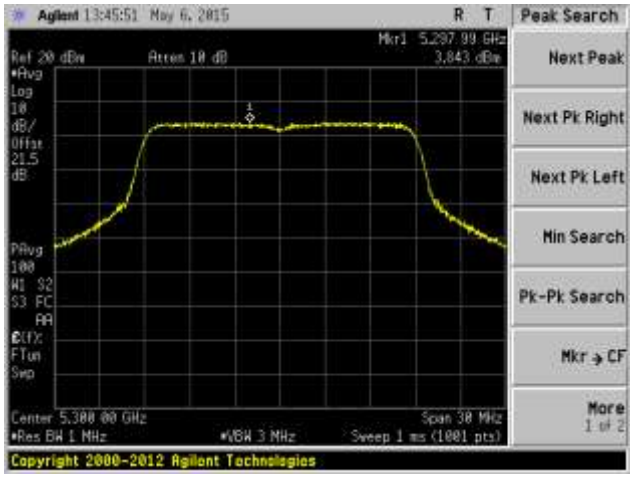
Channel 48 (5240MHz)



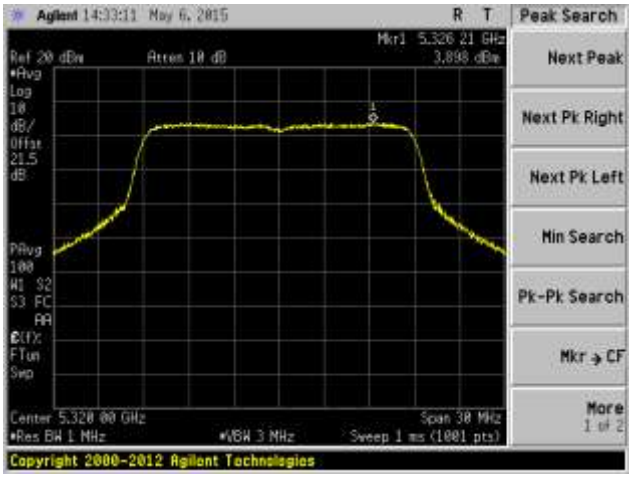
Channel 52 (5260MHz)

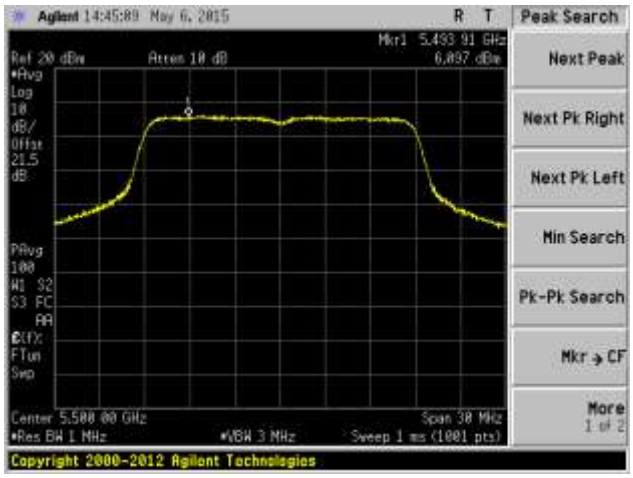
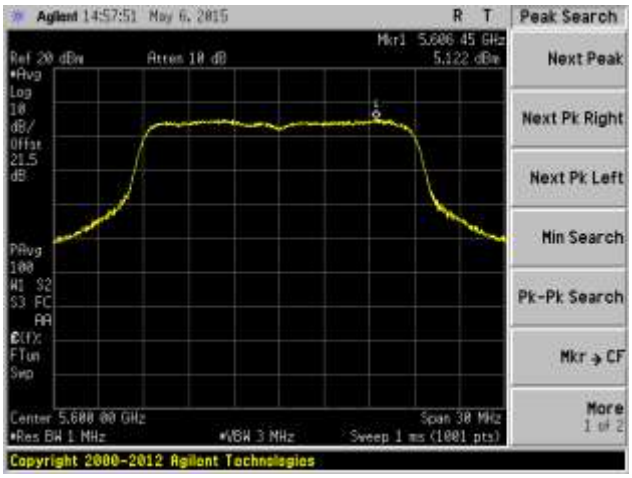
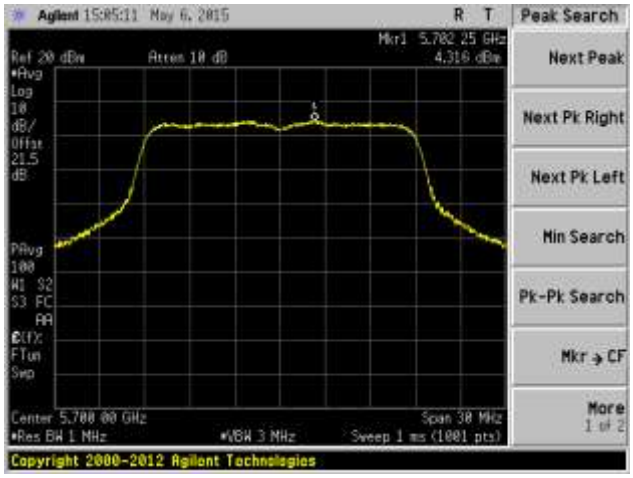
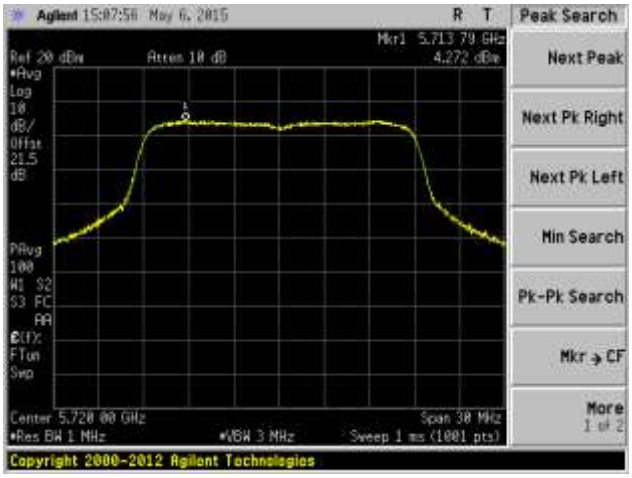
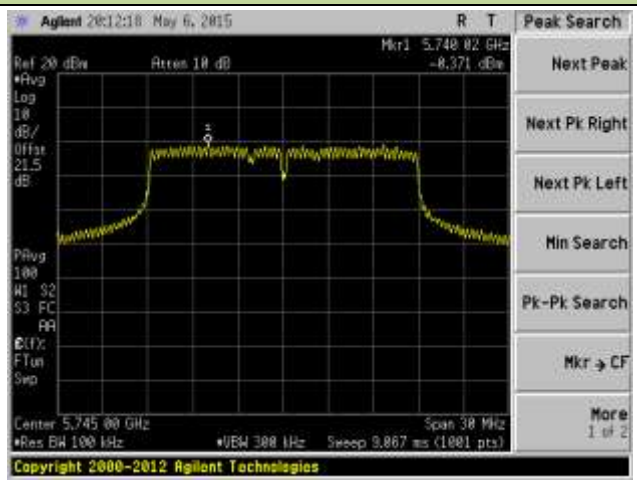
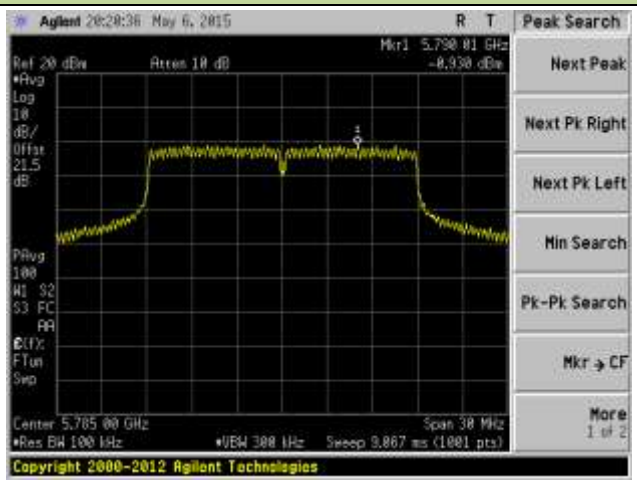


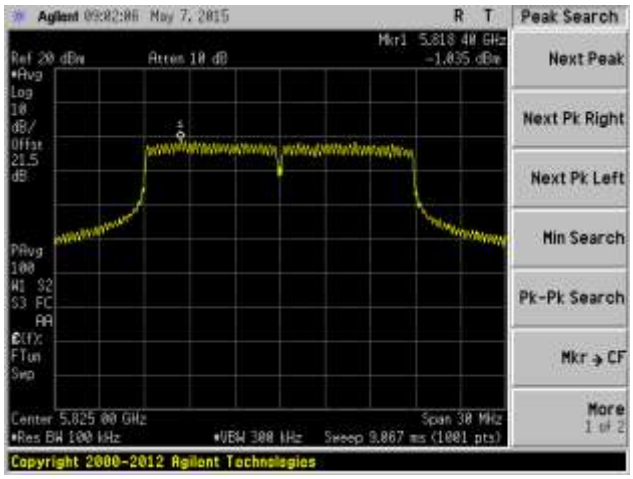
Channel 60 (5300MHz)



Channel 64 (5320MHz)

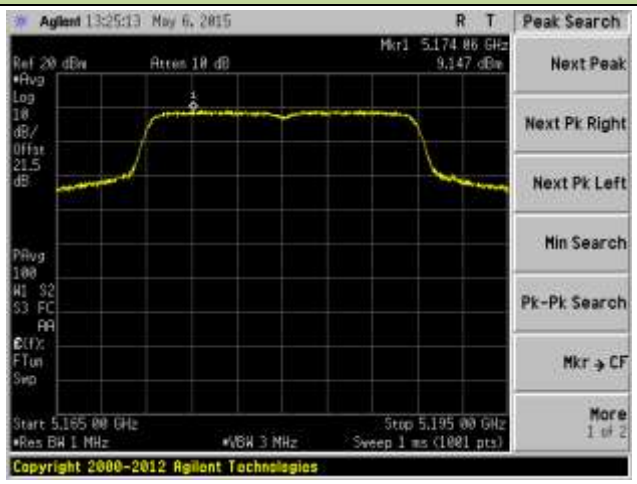


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

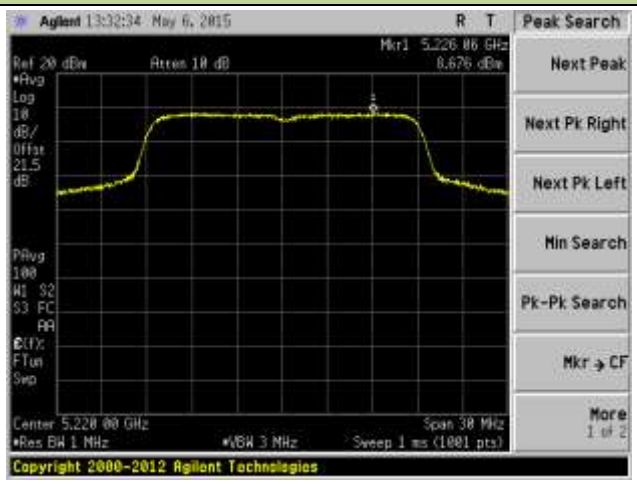
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2

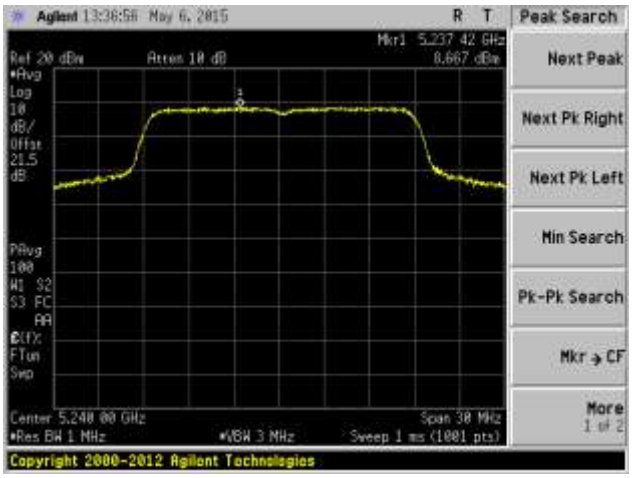
Channel 36 (5180MHz)



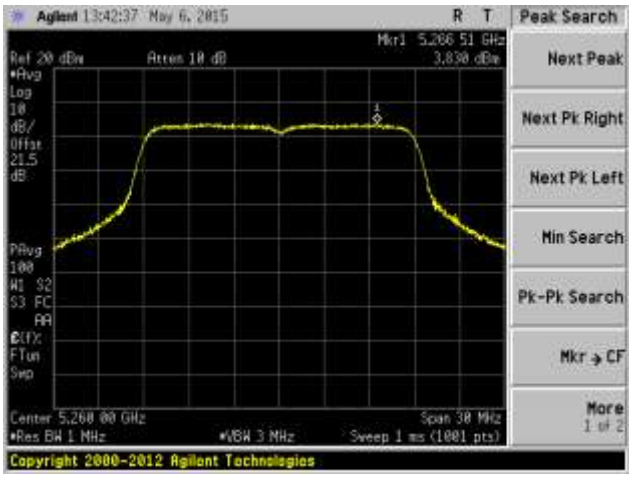
Channel 44 (5220MHz)



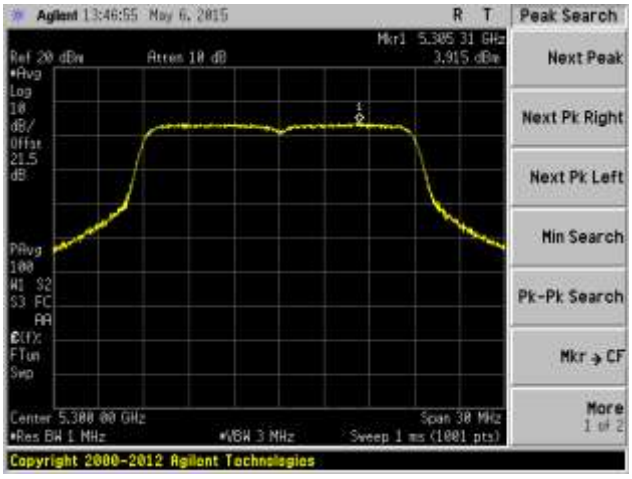
Channel 48 (5240MHz)



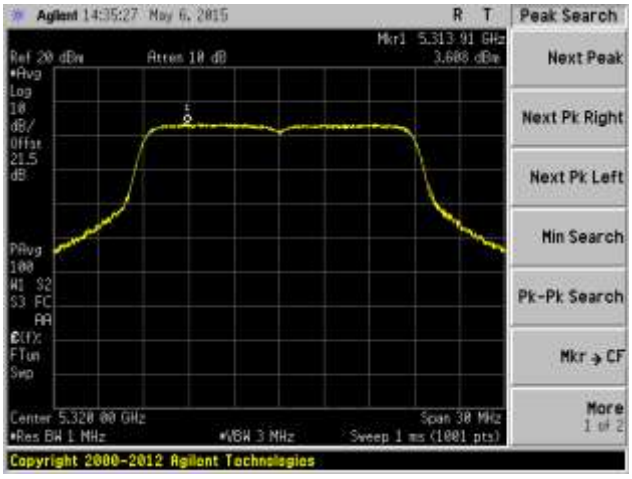
Channel 52 (5260MHz)

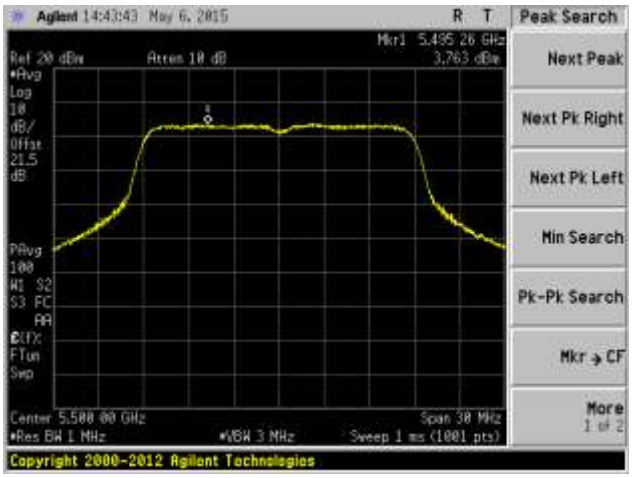
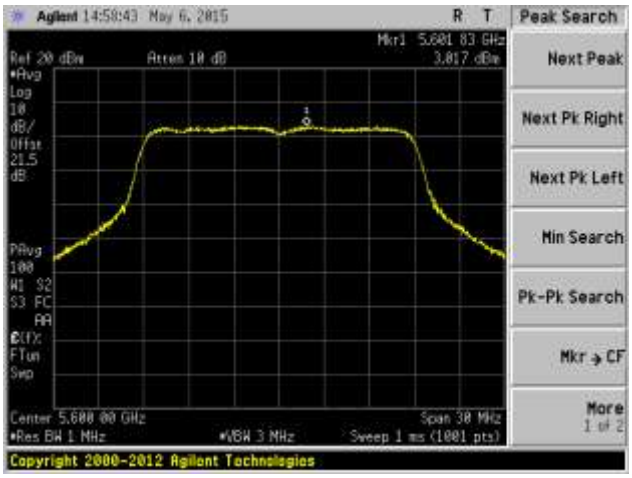
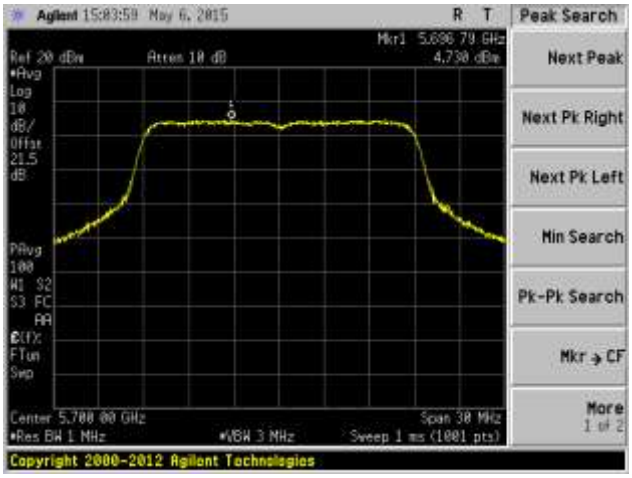
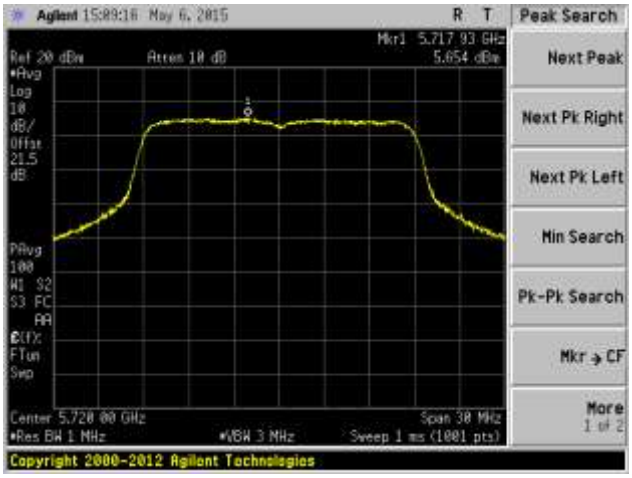
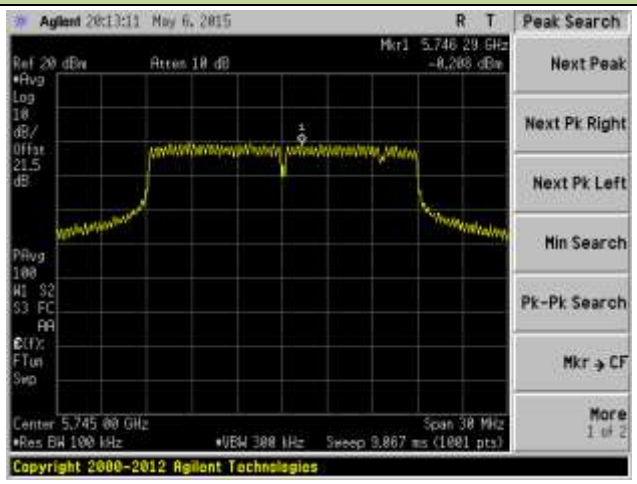
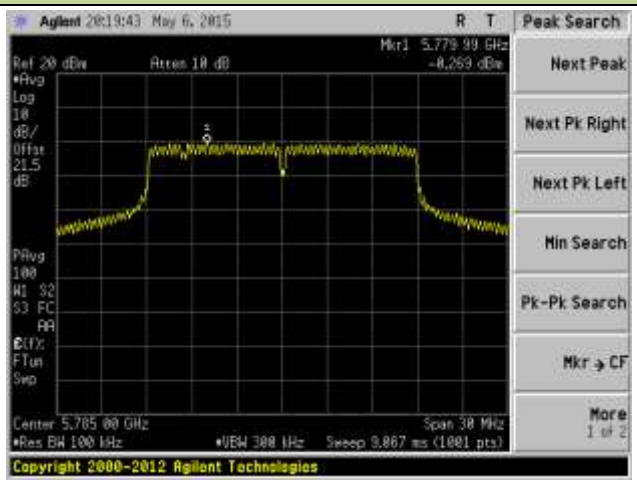


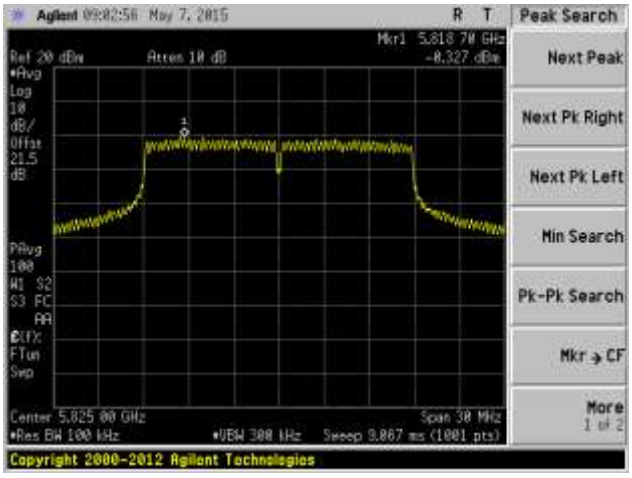
Channel 60 (5300MHz)



Channel 64 (5320MHz)

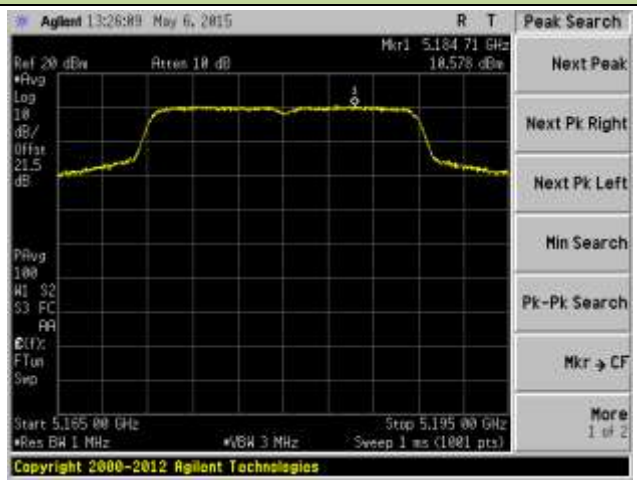


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

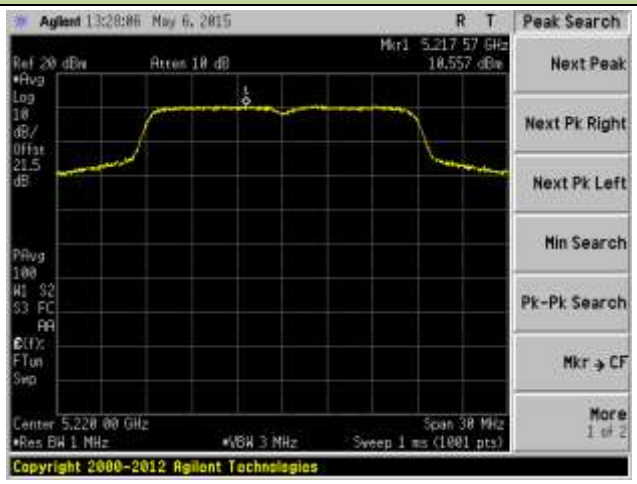
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2

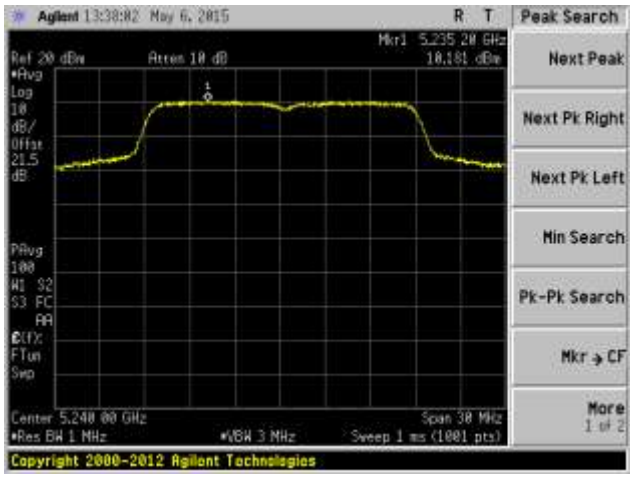
Channel 36 (5180MHz)



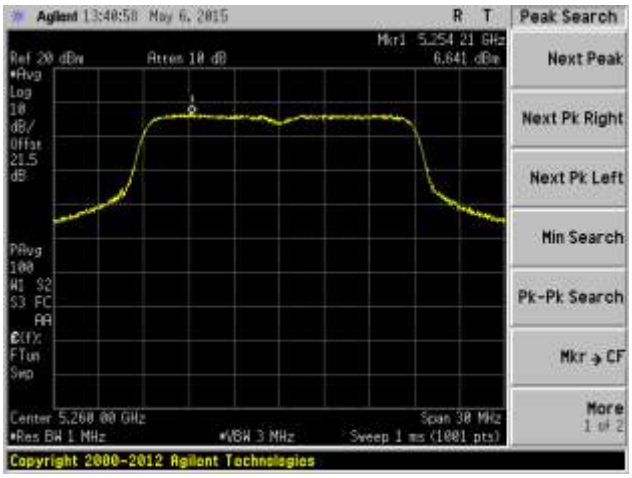
Channel 44 (5220MHz)



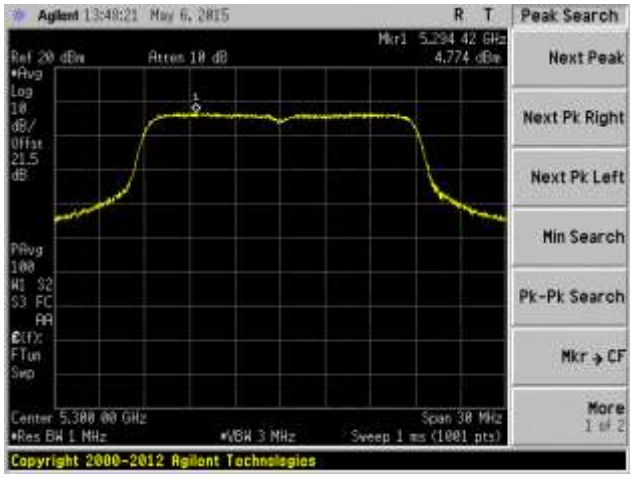
Channel 48 (5240MHz)



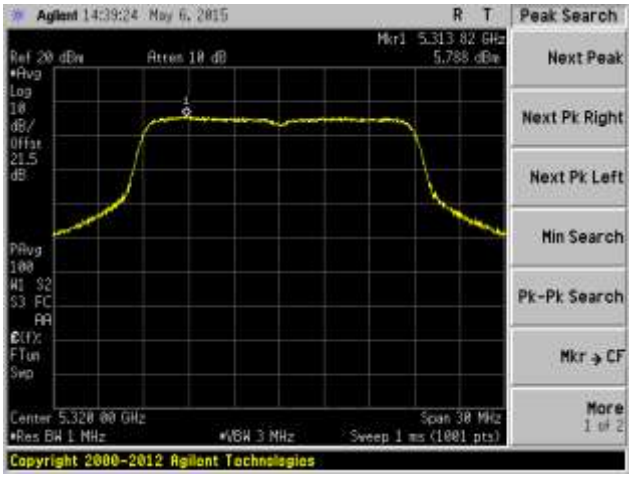
Channel 52 (5260MHz)

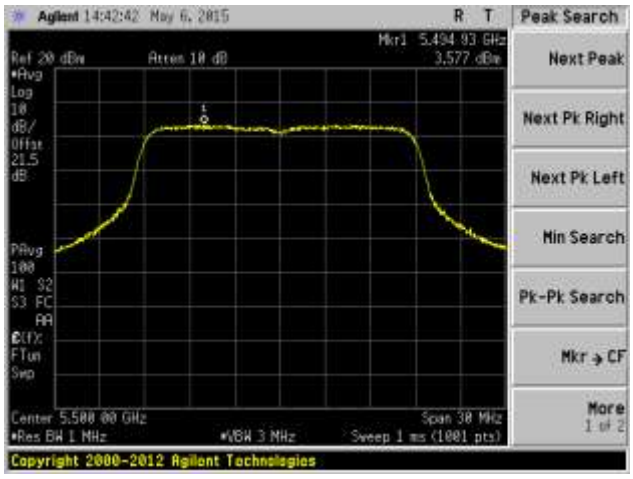
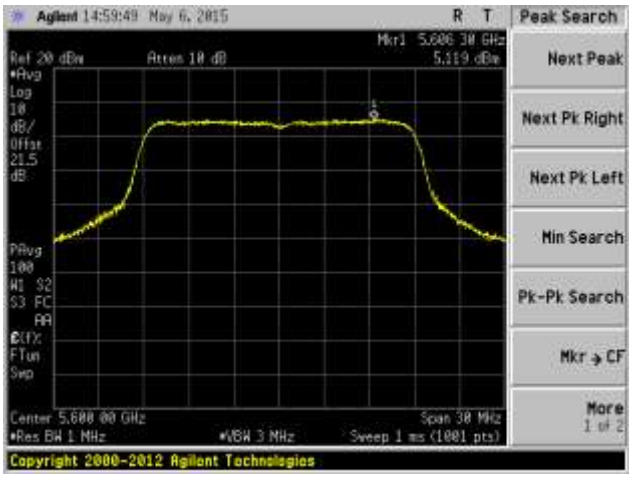
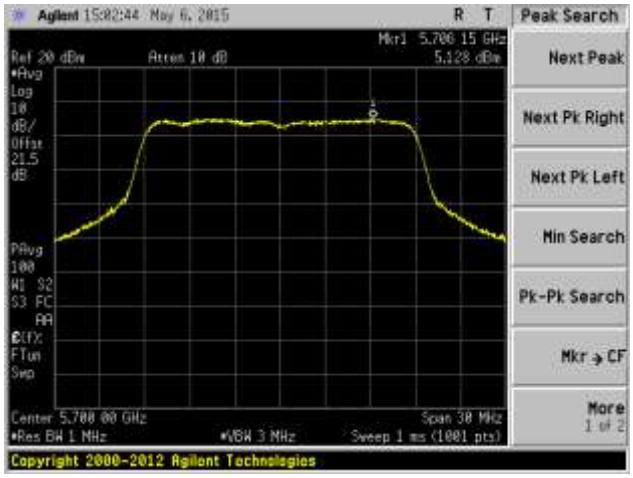
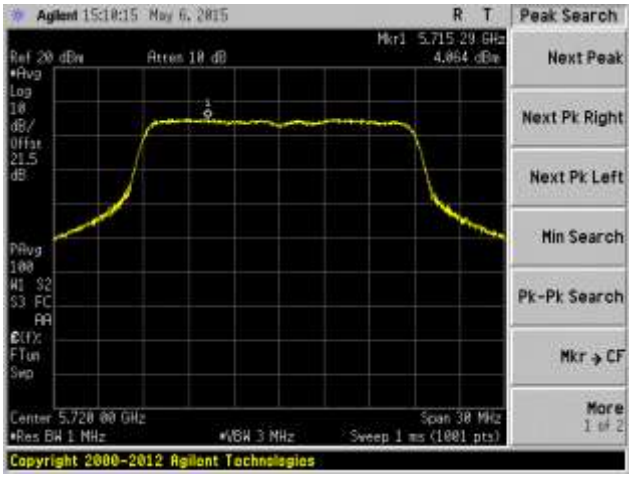
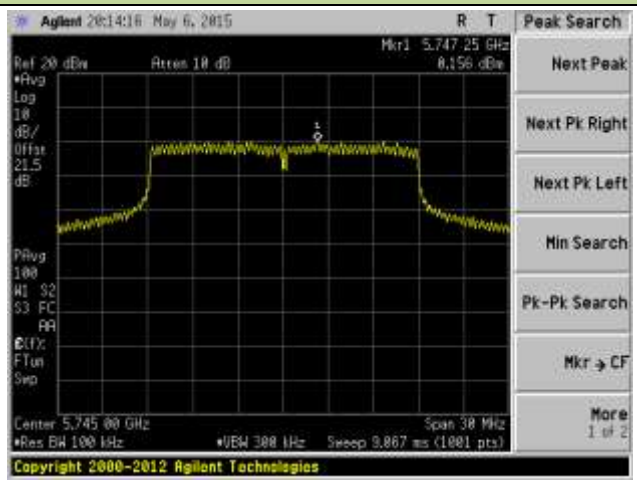
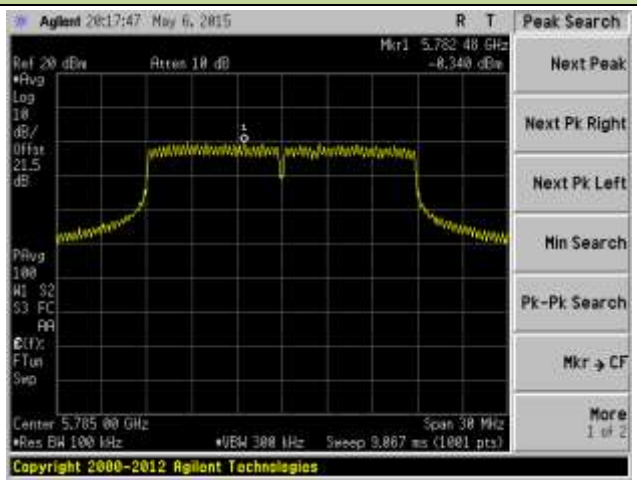


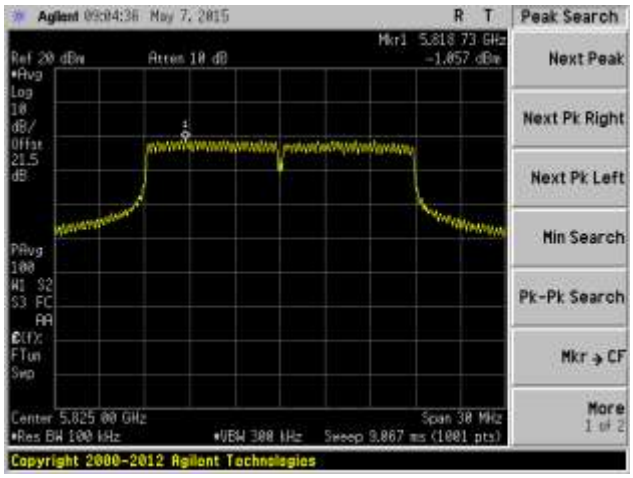
Channel 60 (5300MHz)



Channel 64 (5320MHz)

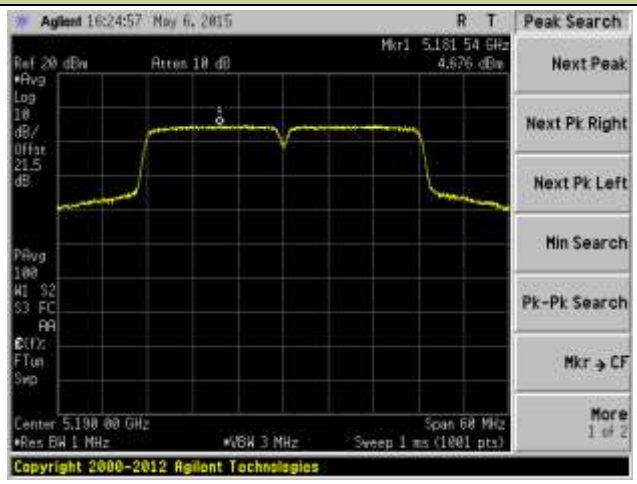


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

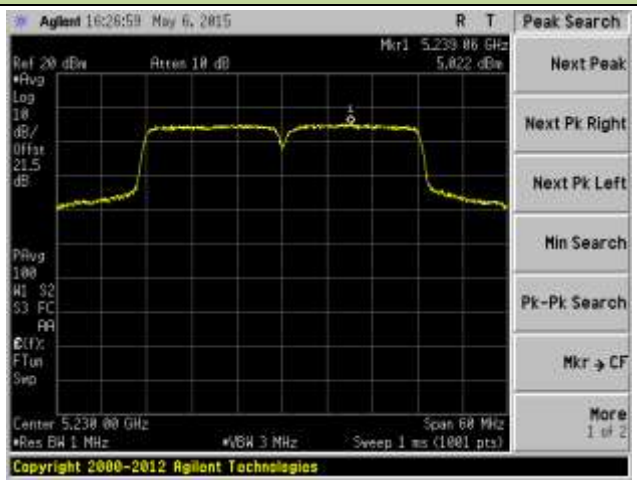
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2

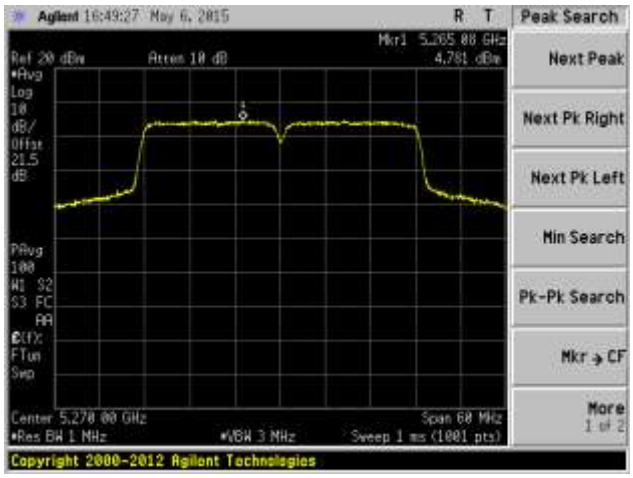
Channel 38 (5190MHz)



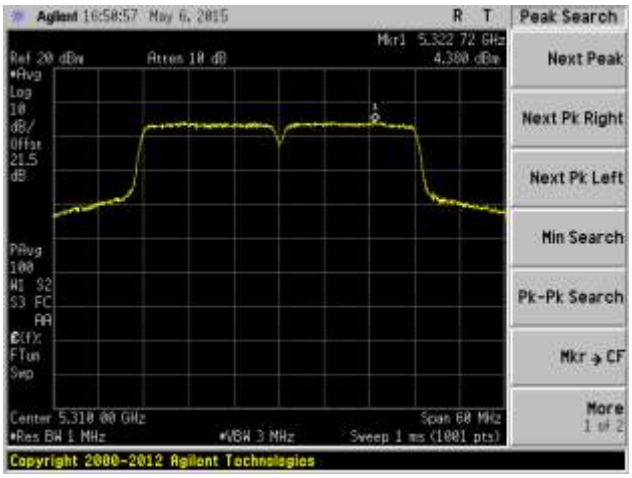
Channel 46 (5230MHz)



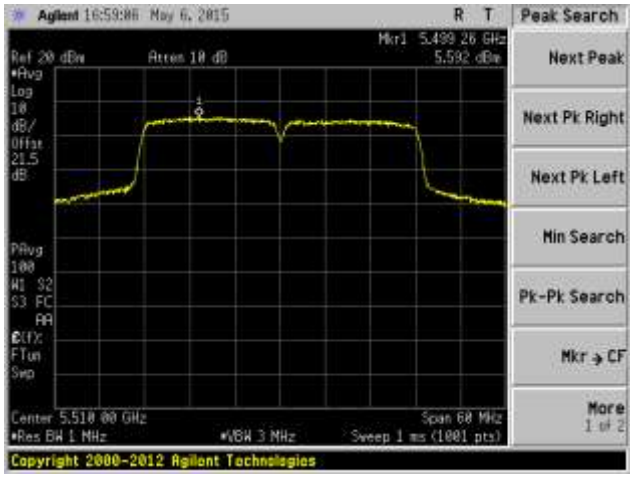
Channel 54 (5270MHz)



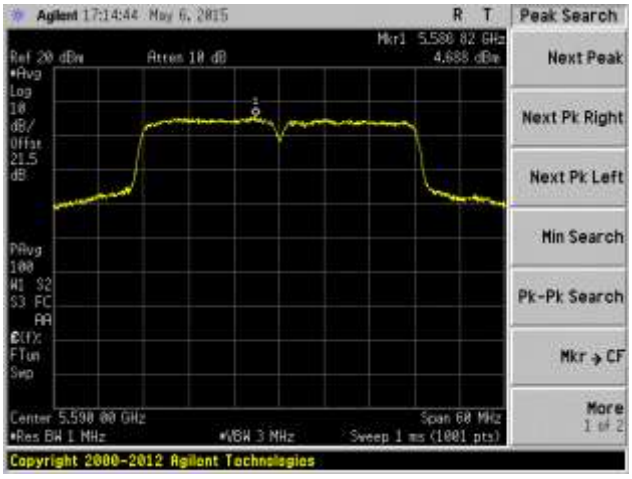
Channel 62 (5310MHz)

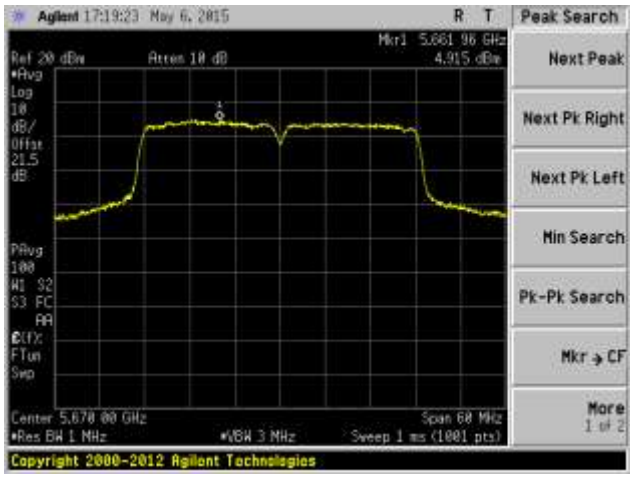
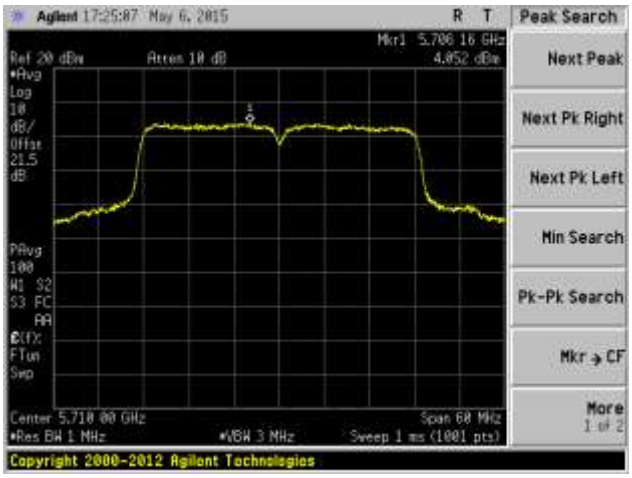
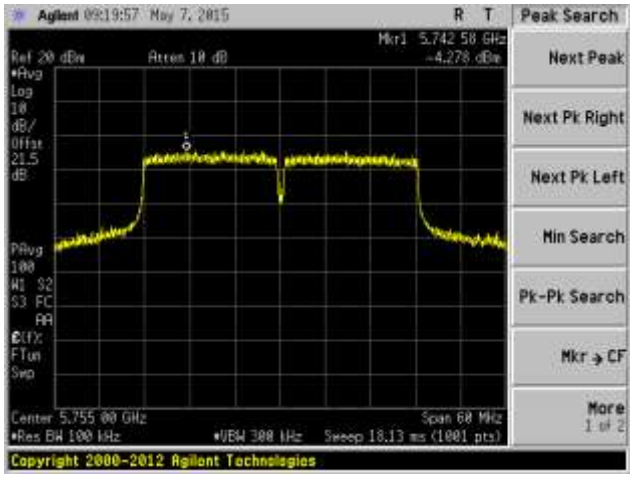
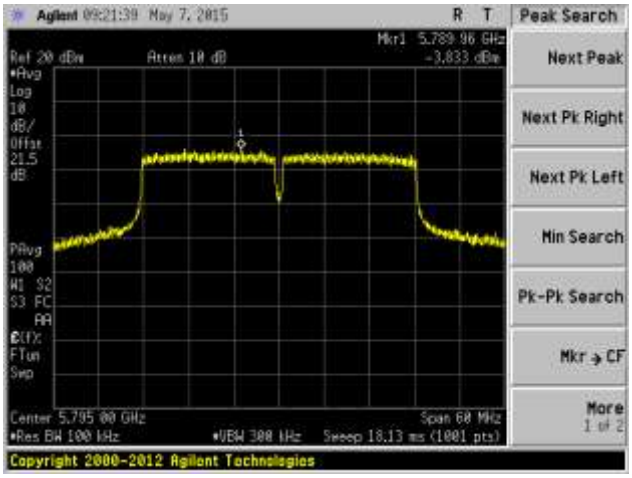


Channel 102 (5510MHz)



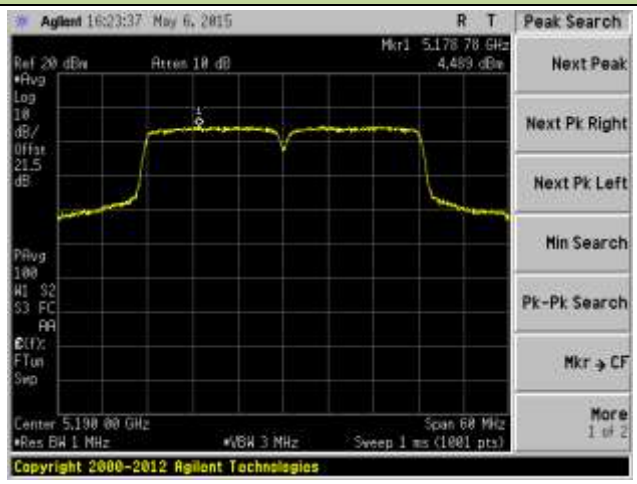
Channel 118 (5590MHz)



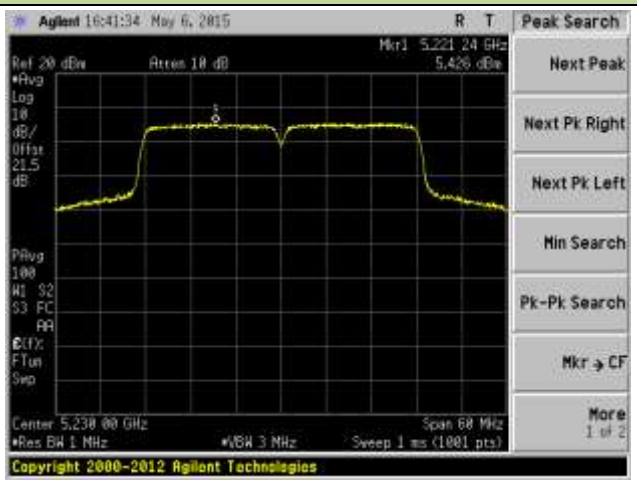
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2

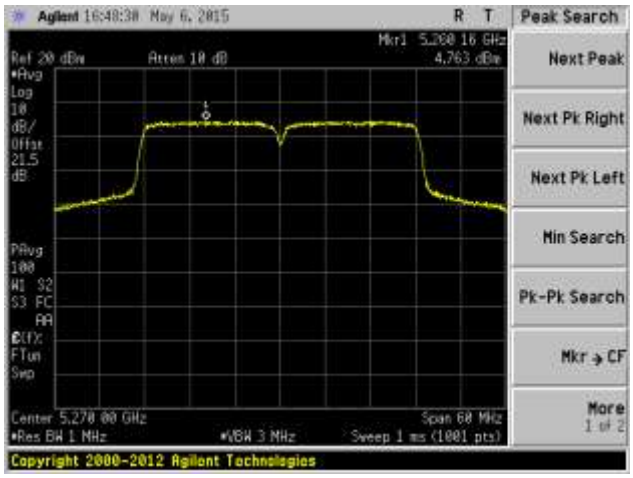
Channel 38 (5190MHz)



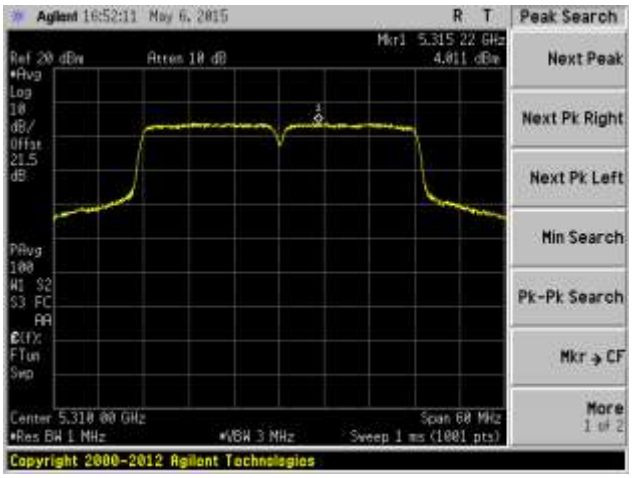
Channel 46 (5230MHz)



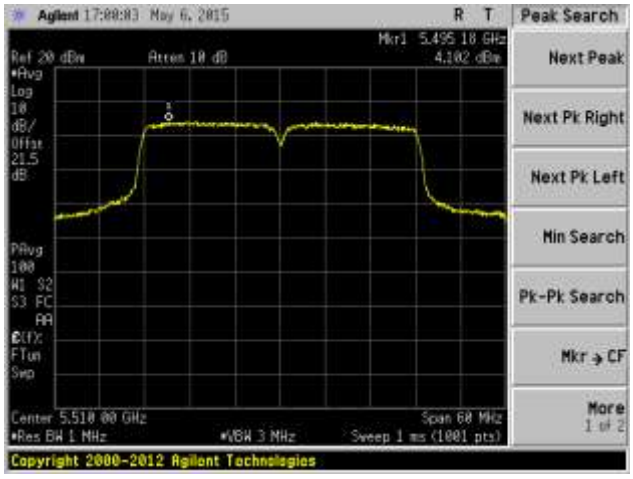
Channel 54 (5270MHz)



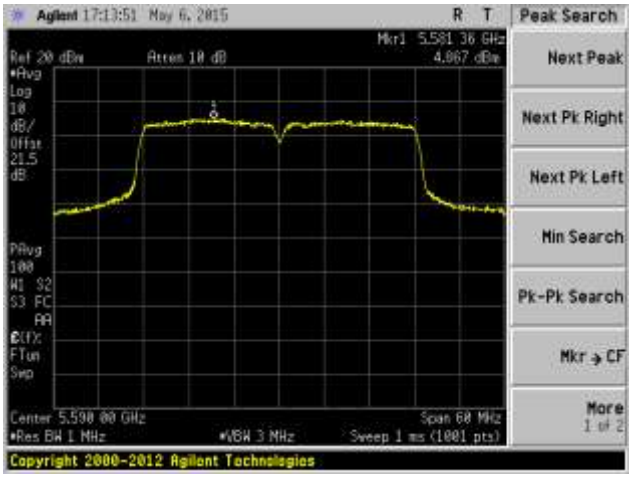
Channel 62 (5310MHz)

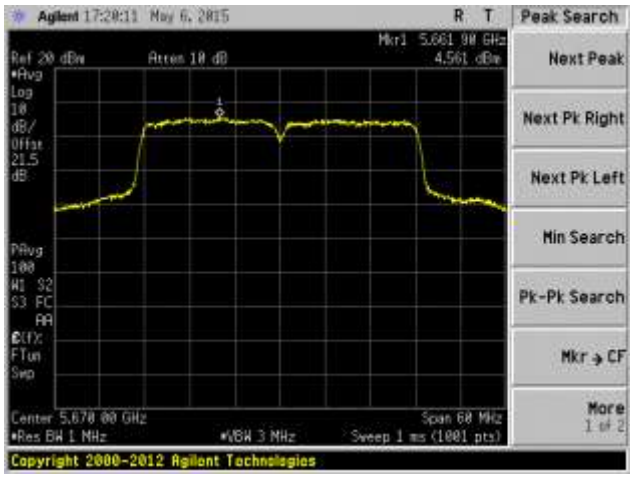
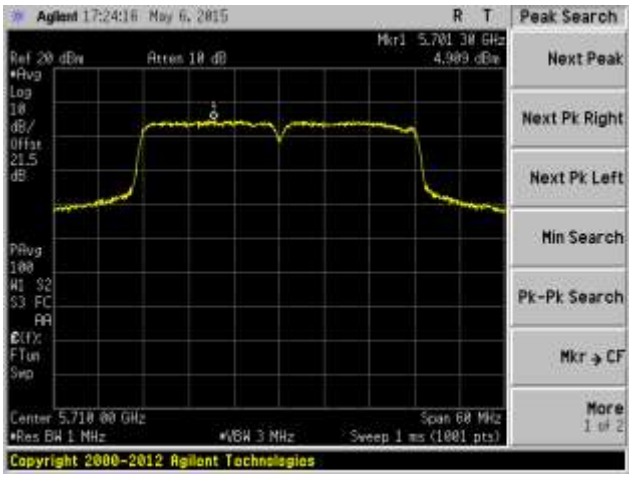
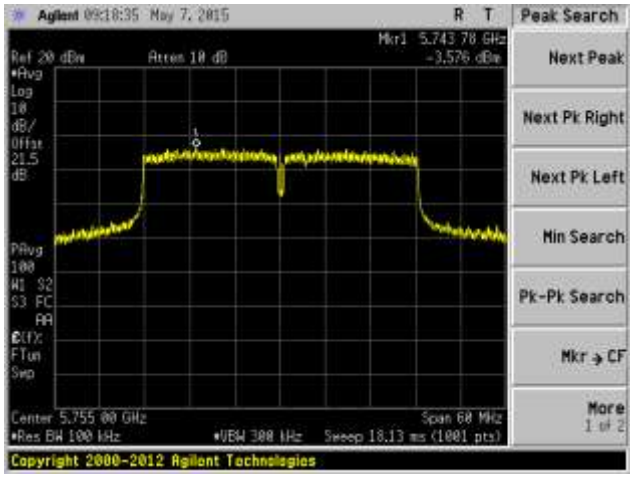
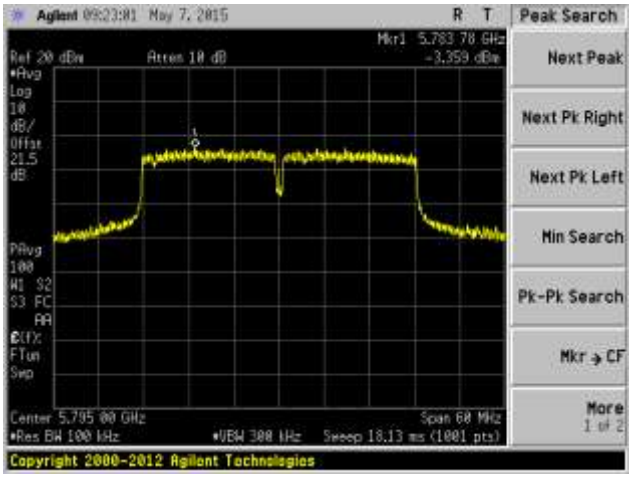


Channel 102 (5510MHz)



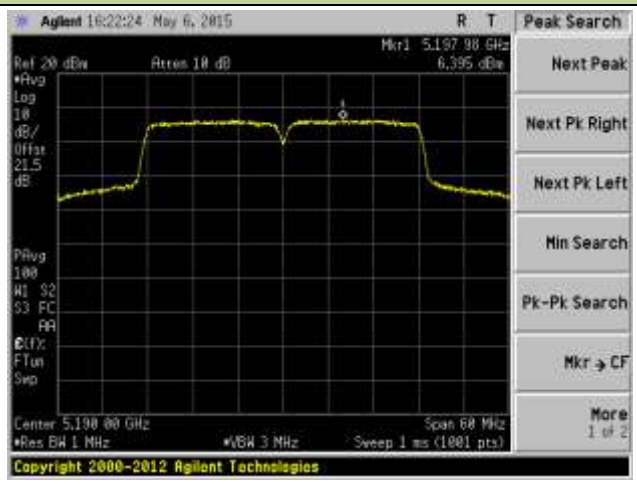
Channel 118 (5590MHz)



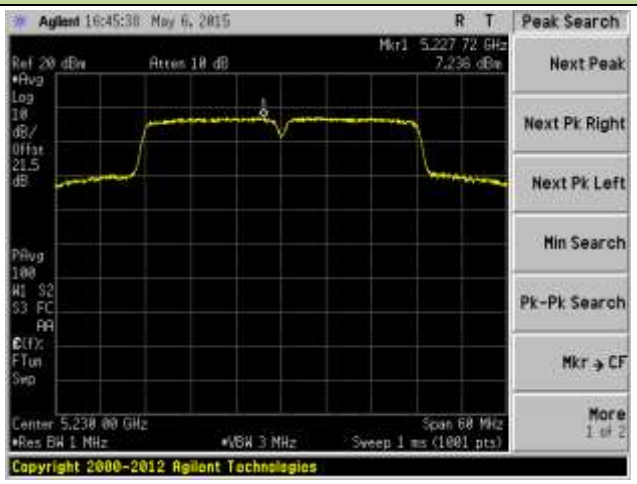
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2

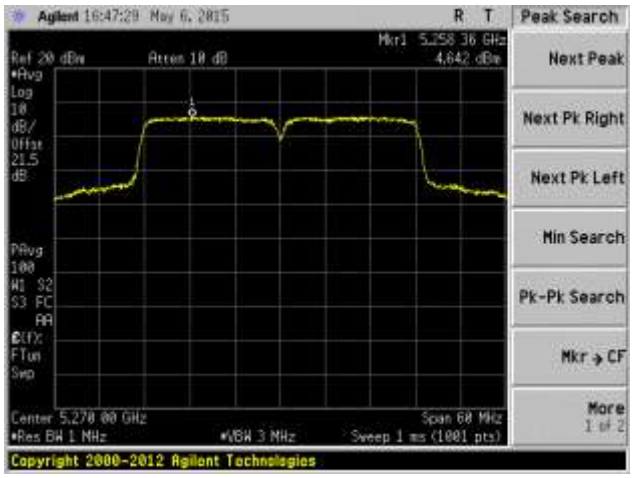
Channel 38 (5190MHz)



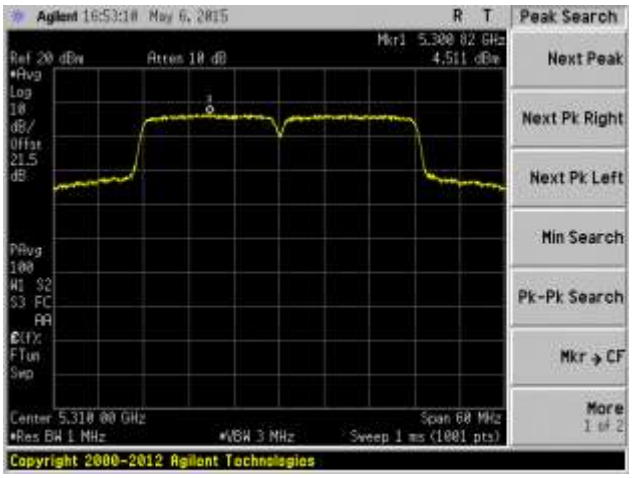
Channel 46 (5230MHz)



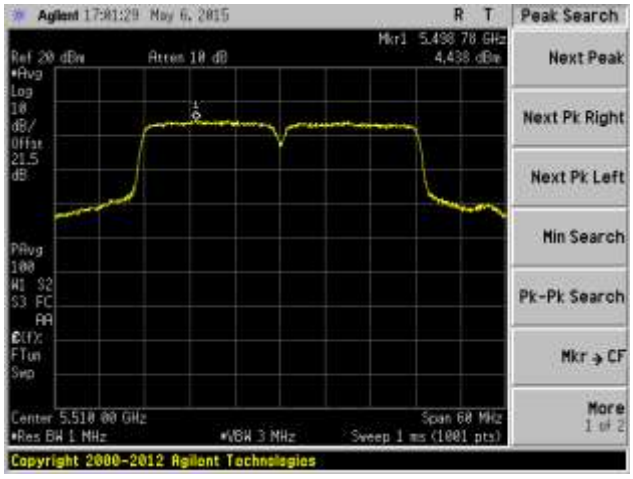
Channel 54 (5270MHz)



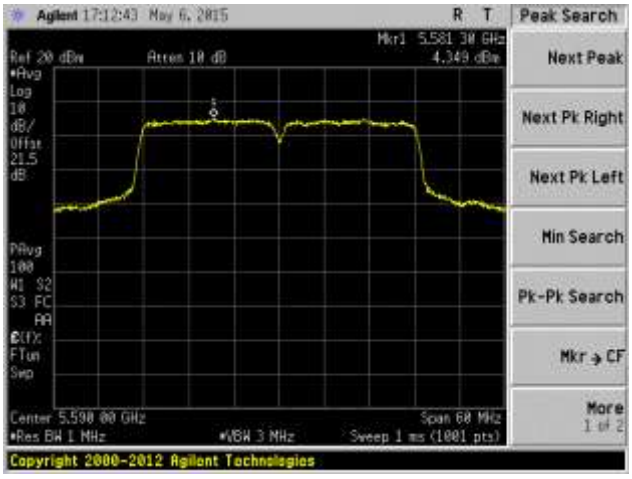
Channel 62 (5310MHz)

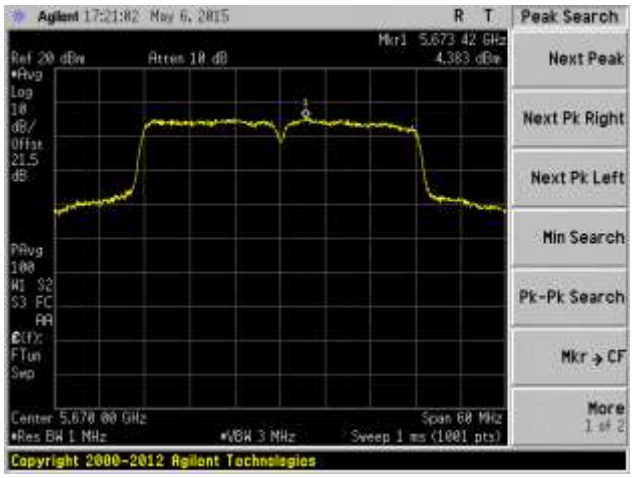
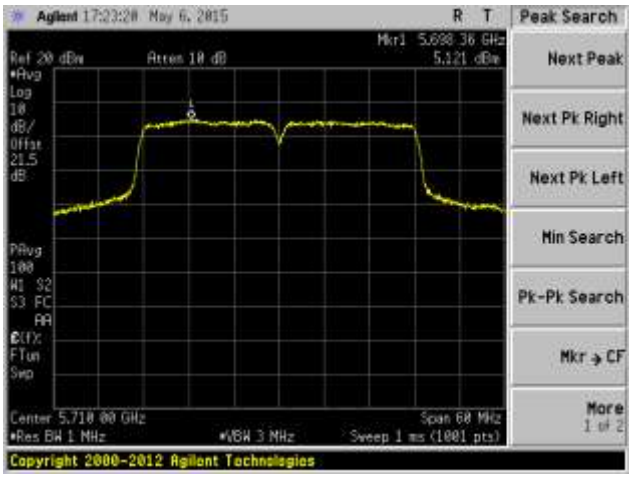
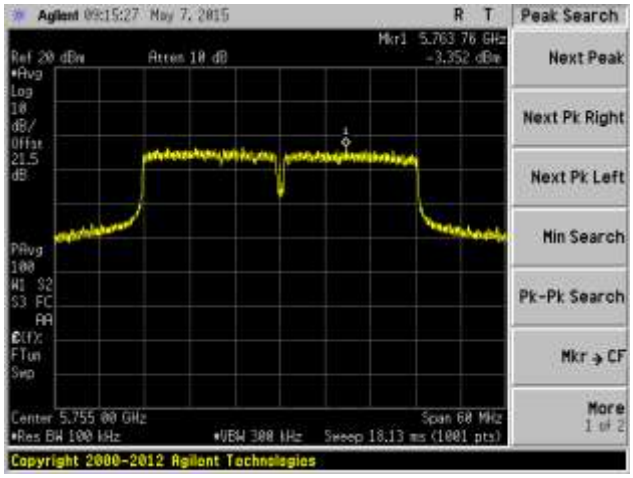
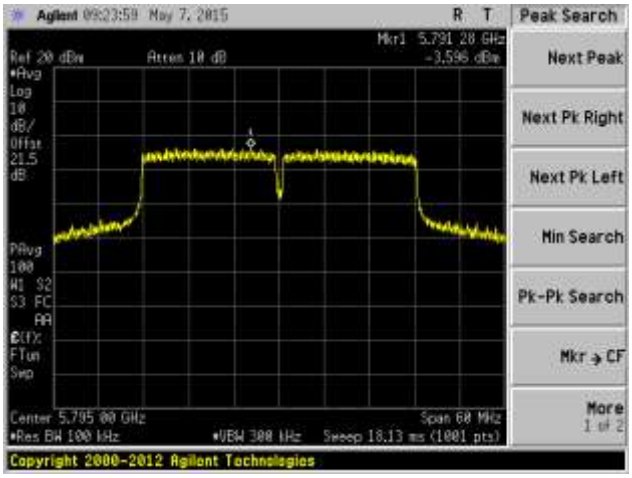


Channel 102 (5510MHz)



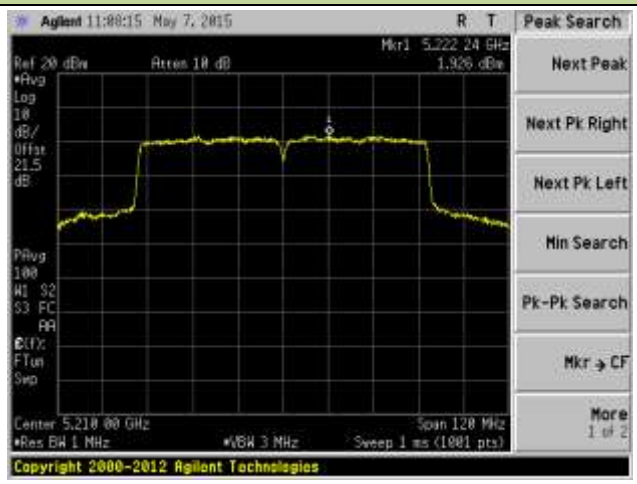
Channel 118 (5590MHz)



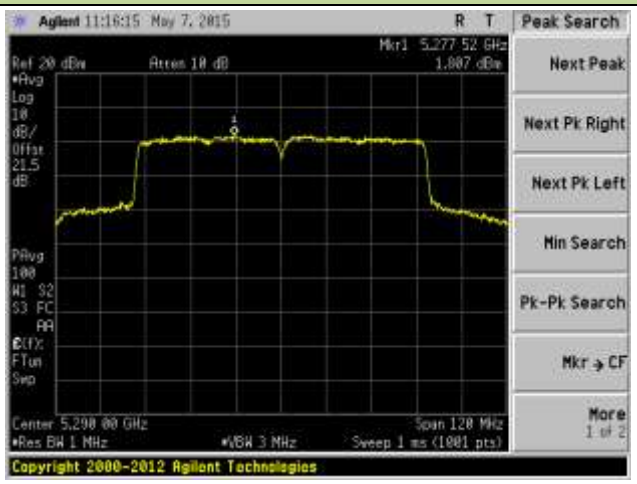
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2

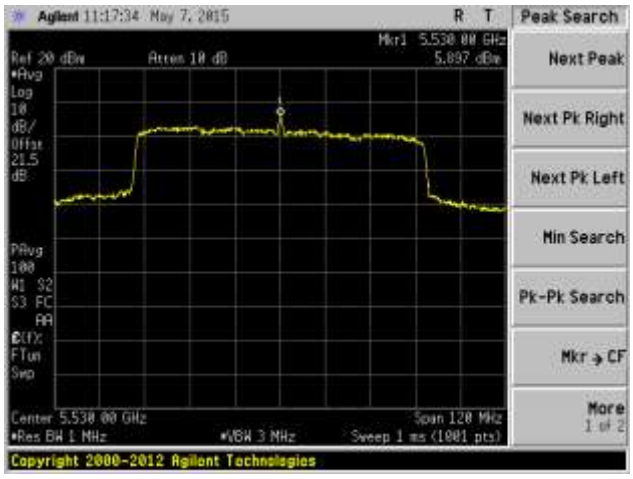
Channel 42 (5210MHz)



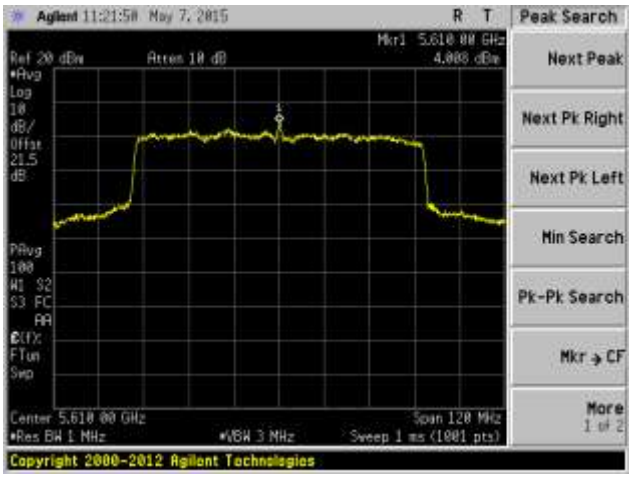
Channel 58 (5290MHz)



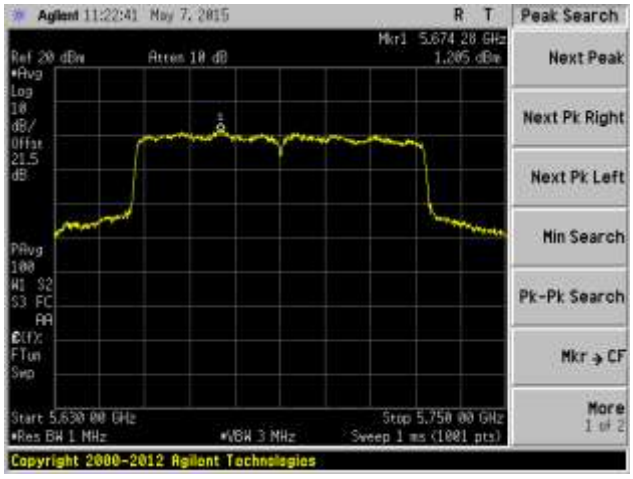
Channel 106 (5530MHz)



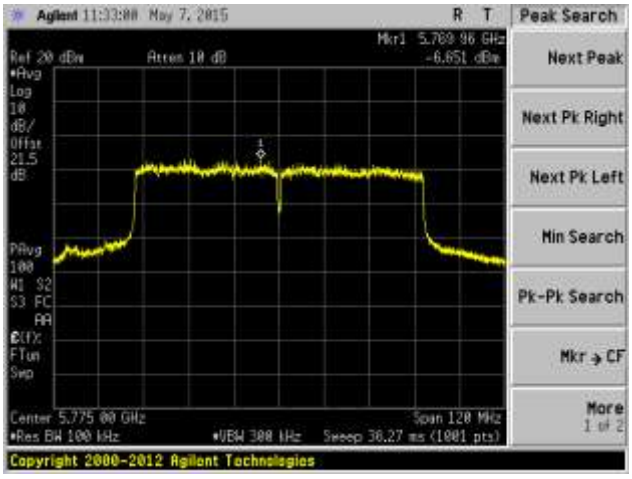
Channel 122 (5610MHz)

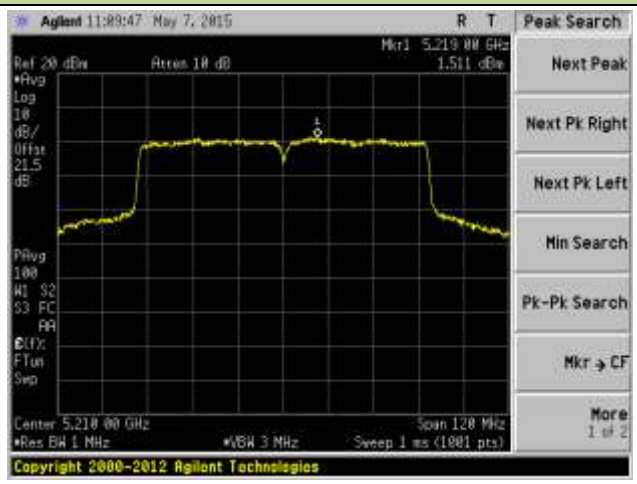
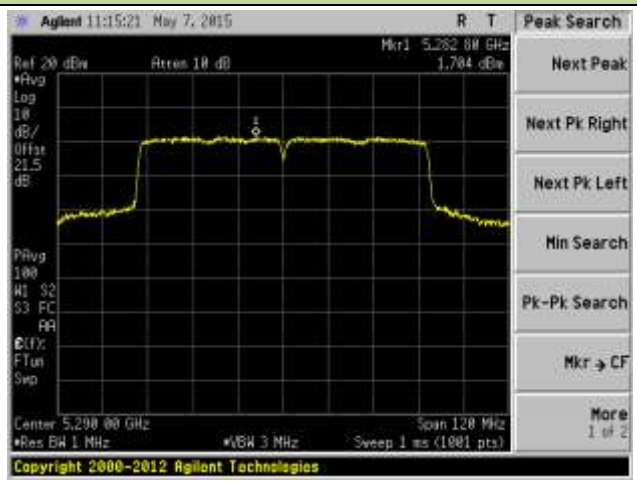
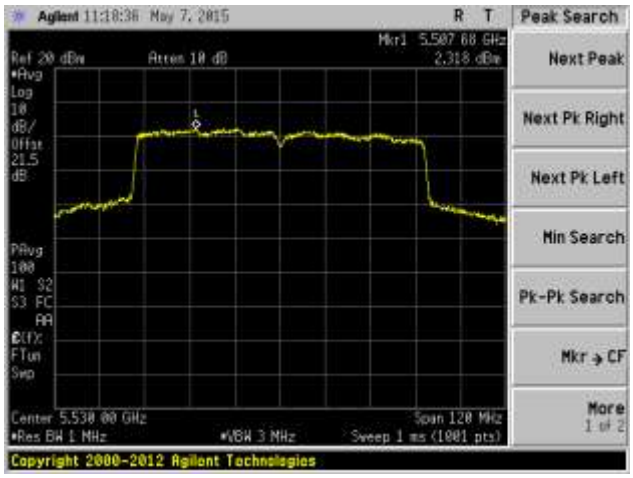
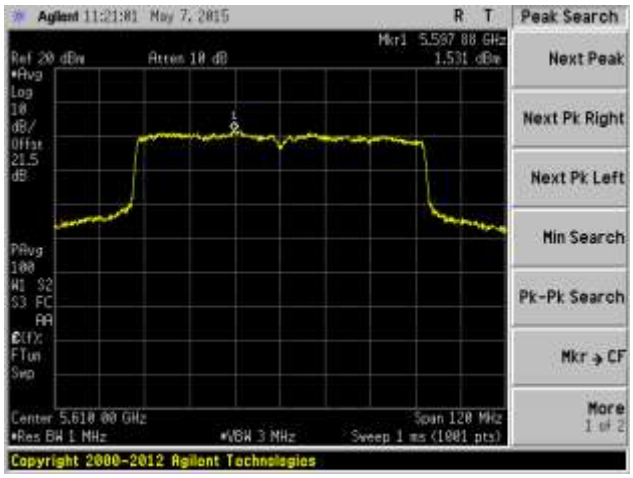
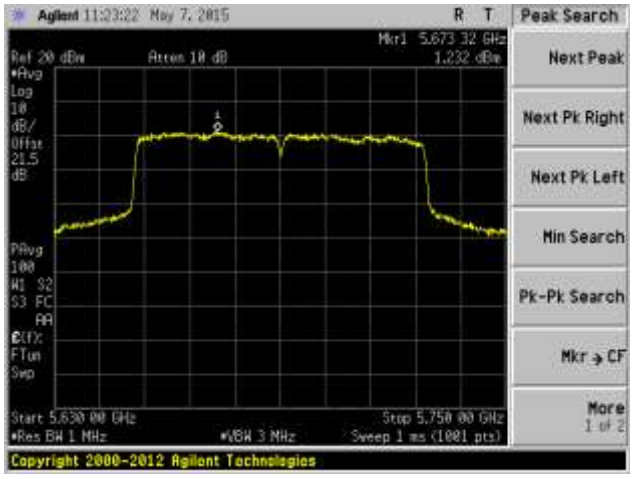
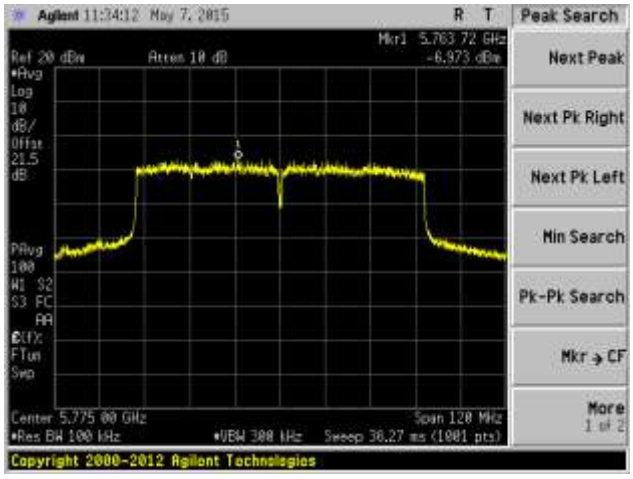


Channel 138 (5690MHz)



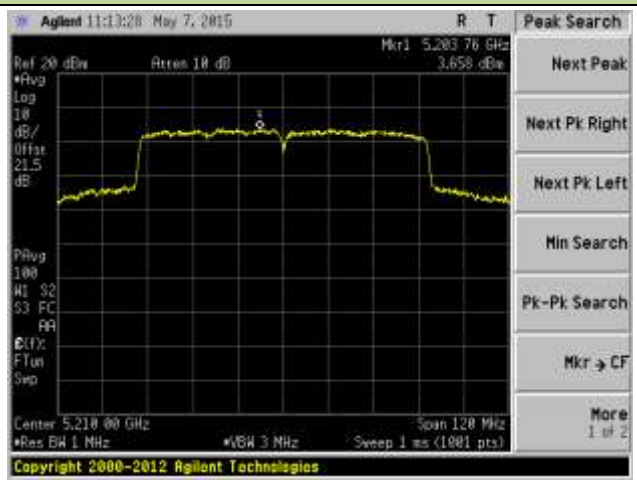
Channel 155 (5775MHz)



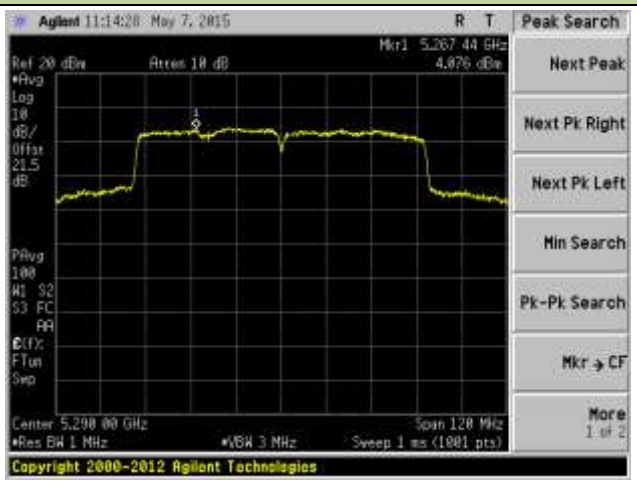
ANTENNA 3# - 802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2	
Channel 42 (5210MHz)	**Channel 58 (5290MHz)**
	
Channel 106 (5530MHz)	**Channel 122 (5610MHz)**
	
Channel 138 (5690MHz)	**Channel 155 (5755MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2

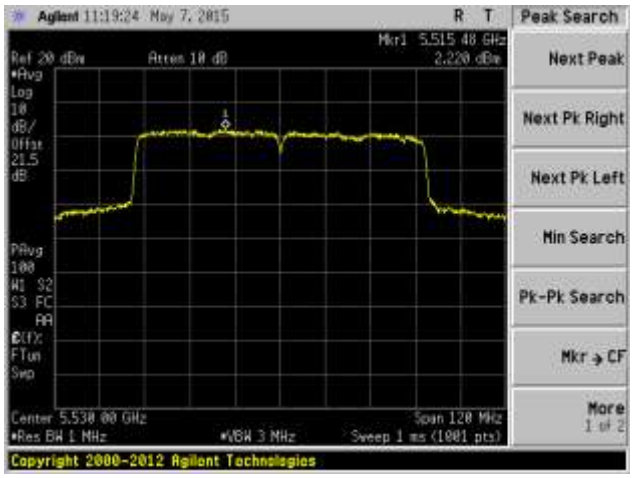
Channel 42 (5210MHz)



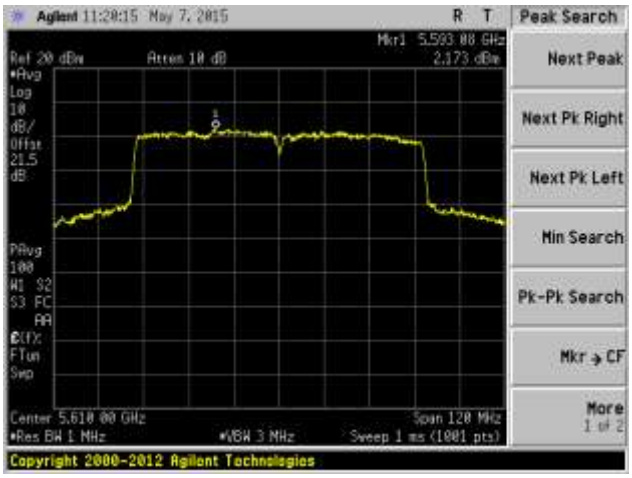
Channel 58 (5290MHz)



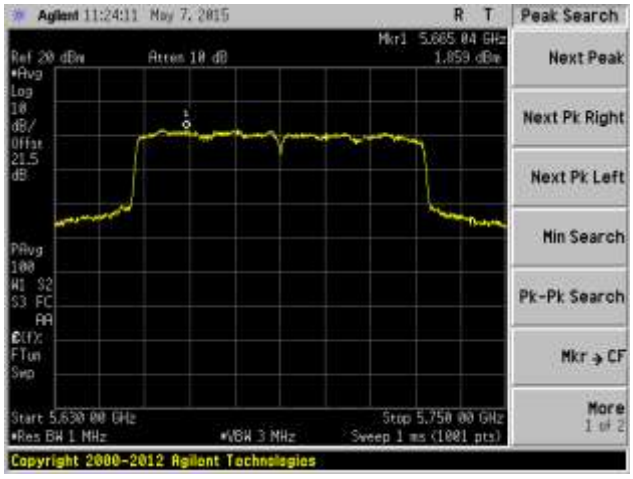
Channel 106 (5530MHz)



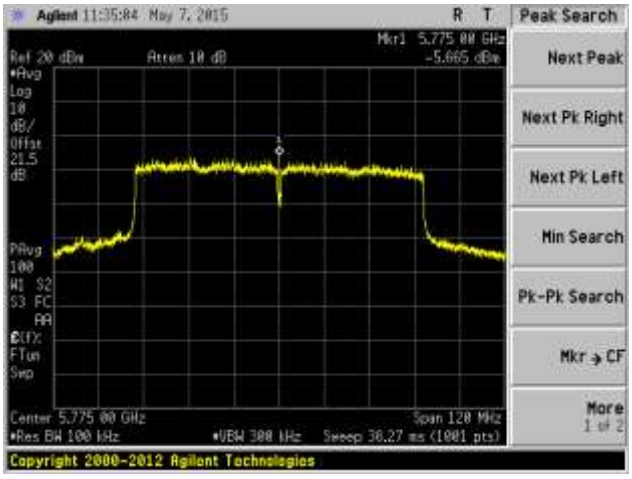
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



7.7. Frequency Stability Measurement

7.7.1. Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

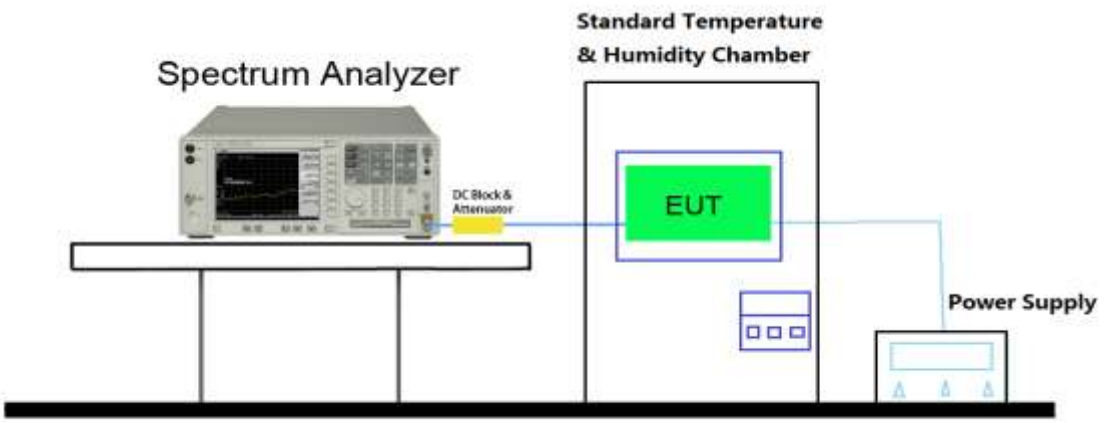
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

7.7.3. Test Setup



7.7.4. Test Result

Test Engineer	Milo Li	Temperature	-20 ~ 50°C
Test Time	04-06-2015	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 20	-1.51	-1.83	-1.74	-1.71
		- 10	-1.51	-1.83	-1.74	-1.71
		0	-1.18	-1.00	-1.02	-0.35
		+ 10	-0.34	-0.54	-0.35	0.38
		+ 20 (Ref)	0.17	-0.69	-0.48	0.05
		+ 30	-1.53	-1.54	-1.52	-1.62
		+ 40	-1.51	-1.83	-1.74	-1.71
		+ 50	-1.24	-1.73	-1.96	-1.71
115%	138	+ 20	-1.51	-1.78	-1.83	-1.64
85%	102	+ 20	-1.56	-1.27	-0.96	-0.63

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) – Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2. Test Procedure Used

KDB 789033 D02v01 – Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

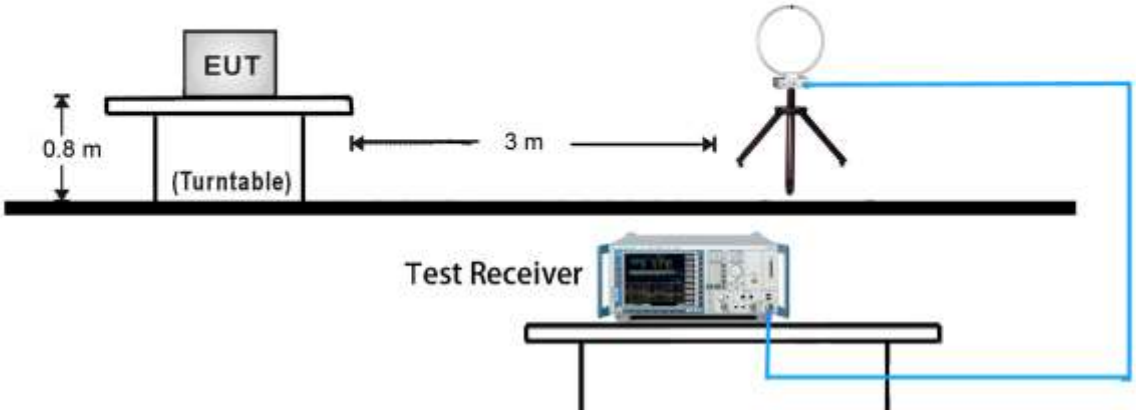
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

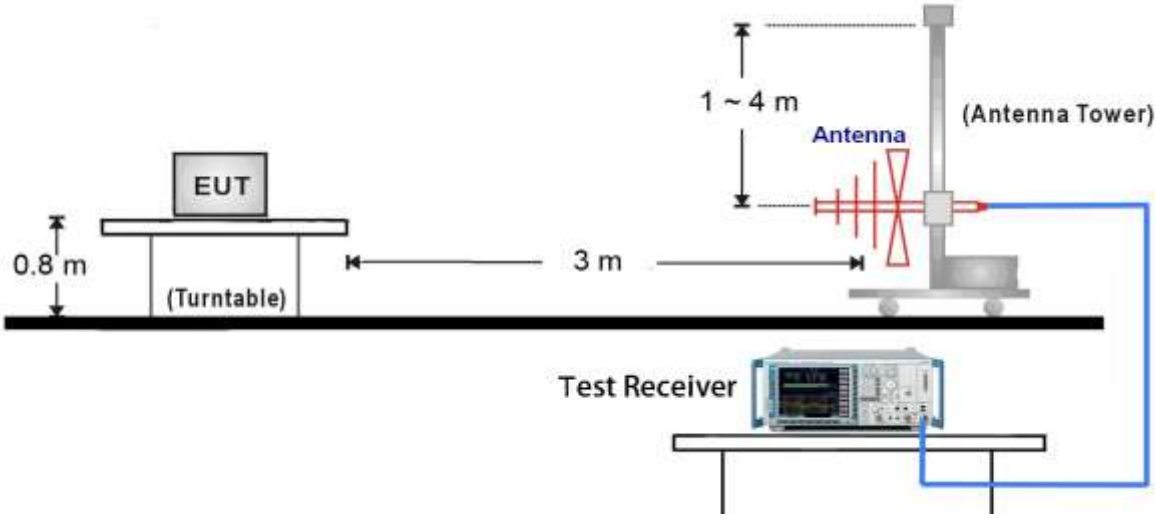
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.8.4. Test Setup

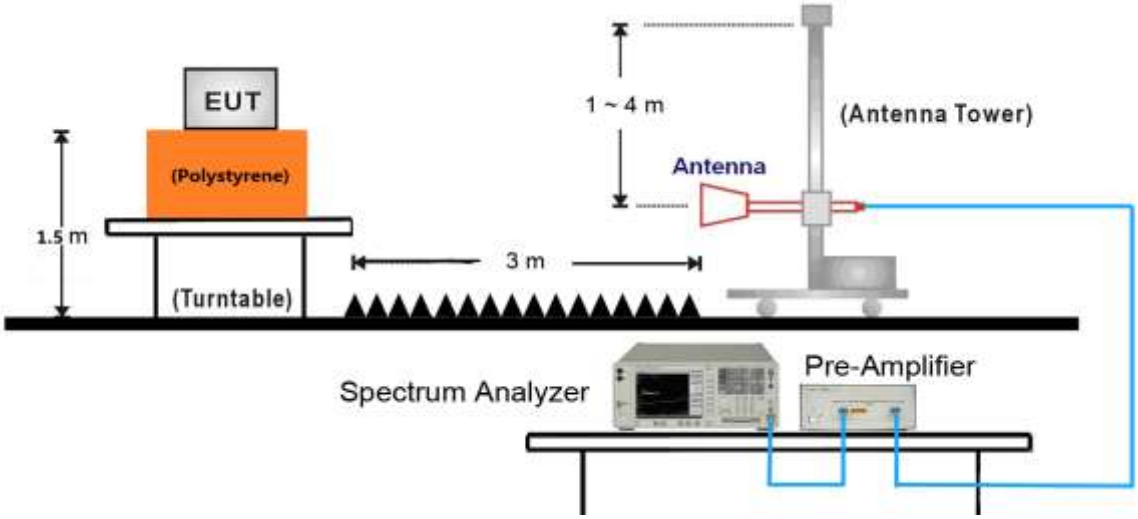
9kHz ~ 30MHz Test Setup:



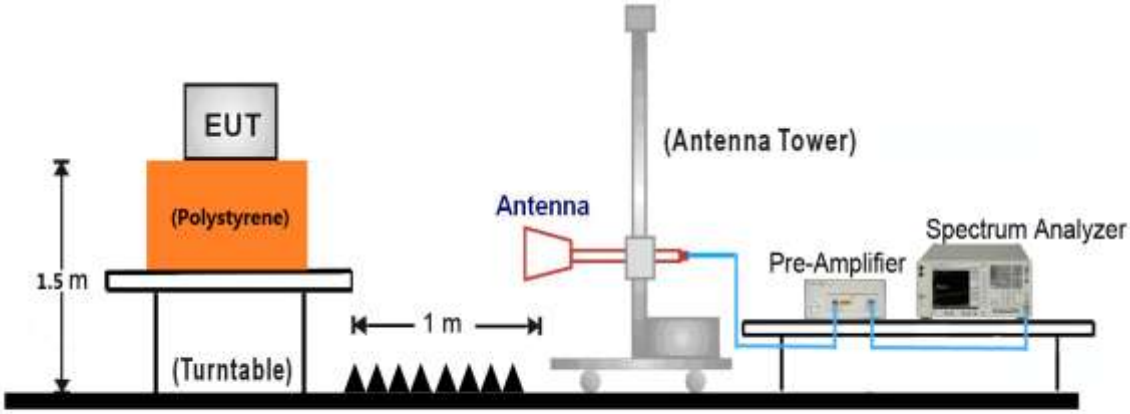
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Dipole Antenna 1#

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7160.5	7.8	37.4	45.2	68.2	-23.0	Peak	Horizontal
*	7934.0	8.7	35.4	44.1	68.2	-24.1	Peak	Horizontal
	8384.5	8.2	37.4	45.6	74.0	-28.4	Peak	Horizontal
	10552.0	12.4	36.3	48.7	74.0	-25.3	Peak	Horizontal
*	7058.5	7.5	36.5	44.0	68.2	-24.2	Peak	Vertical
*	7772.5	8.4	37.0	45.4	68.2	-22.8	Peak	Vertical
	9124.0	10.0	35.6	45.6	74.0	-28.4	Peak	Vertical
	9396.0	10.5	36.7	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7050.0	7.5	36.3	43.8	68.2	-24.4	Peak	Horizontal
*	7789.5	8.4	35.5	43.9	68.2	-24.3	Peak	Horizontal
	9438.5	10.6	37.0	47.6	74.0	-26.4	Peak	Horizontal
	10807.0	12.8	35.4	48.2	74.0	-25.8	Peak	Horizontal
*	7186.0	7.8	35.9	43.7	68.2	-24.5	Peak	Vertical
*	7730.0	8.3	36.1	44.4	68.2	-23.8	Peak	Vertical
	9260.0	10.4	35.9	46.3	74.0	-27.7	Peak	Vertical
	10926.0	13.0	35.4	48.4	74.0	-25.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	7.7	35.9	43.6	68.2	-24.6	Peak	Horizontal
*	7874.5	8.5	36.6	45.1	68.2	-23.1	Peak	Horizontal
	9047.5	9.3	36.3	45.6	74.0	-28.4	Peak	Horizontal
	10560.5	12.4	36.2	48.6	74.0	-25.4	Peak	Horizontal
*	7101.0	7.7	36.0	43.7	68.2	-24.5	Peak	Vertical
*	7713.0	8.2	35.8	44.0	68.2	-24.2	Peak	Vertical
	9132.5	10.0	35.8	45.8	74.0	-28.2	Peak	Vertical
	10994.0	12.9	36.4	49.3	74.0	-24.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6956.5	6.9	39.4	46.3	68.2	-21.9	Peak	Horizontal
*	7908.5	8.6	36.5	45.1	68.2	-23.1	Peak	Horizontal
	8214.5	8.1	36.2	44.3	74.0	-29.7	Peak	Horizontal
	9319.5	10.5	34.8	45.3	74.0	-28.7	Peak	Horizontal
*	6956.5	6.9	38.0	44.9	68.2	-23.3	Peak	Vertical
*	7934.0	8.7	35.3	44.0	68.2	-24.2	Peak	Vertical
	9362.0	10.6	35.6	46.2	74.0	-27.8	Peak	Vertical
	10747.5	12.6	35.3	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6990.5	7.0	34.7	41.7	68.2	-26.5	Peak	Horizontal
*	7925.5	8.7	36.0	44.7	68.2	-23.5	Peak	Horizontal
	9124.0	10.0	34.4	44.4	74.0	-29.6	Peak	Horizontal
	11019.5	12.8	35.0	47.8	74.0	-26.2	Peak	Horizontal
*	6948.0	6.9	36.7	43.6	68.2	-24.6	Peak	Vertical
*	7781.0	8.4	36.0	44.4	68.2	-23.8	Peak	Vertical
	9362.0	10.6	34.1	44.7	74.0	-29.3	Peak	Vertical
	10560.5	12.4	35.7	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7135.0	7.8	36.1	43.9	68.2	-24.3	Peak	Horizontal
*	7908.5	8.6	36.4	45.0	68.2	-23.2	Peak	Horizontal
	9413.0	10.5	35.3	45.8	74.0	-28.2	Peak	Horizontal
	11555.0	12.5	36.2	48.7	74.0	-25.3	Peak	Horizontal
*	7152.0	7.8	35.9	43.7	68.2	-24.5	Peak	Vertical
*	7806.5	8.4	36.1	44.5	68.2	-23.7	Peak	Vertical
	9387.5	10.5	34.9	45.4	74.0	-28.6	Peak	Vertical
	11410.5	12.7	35.8	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	7.7	35.4	43.1	68.2	-25.1	Peak	Horizontal
*	7823.5	8.4	36.3	44.7	68.2	-23.5	Peak	Horizontal
	9387.5	10.5	34.9	45.4	74.0	-28.6	Peak	Horizontal
	11028.0	12.9	35.3	48.2	74.0	-25.8	Peak	Horizontal
*	7152.0	7.8	35.2	43.0	68.2	-25.2	Peak	Vertical
*	7900.0	8.6	35.7	44.3	68.2	-23.9	Peak	Vertical
	9090.0	9.8	34.7	44.5	74.0	-29.5	Peak	Vertical
	10994.0	12.9	35.9	48.8	74.0	-25.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7118.0	7.7	36.4	44.1	68.2	-24.1	Peak	Horizontal
*	7798.0	8.4	36.6	45.0	68.2	-23.2	Peak	Horizontal
	8129.5	8.3	36.0	44.3	74.0	-29.7	Peak	Horizontal
	10951.5	13.0	35.6	48.6	74.0	-25.4	Peak	Horizontal
*	7092.5	7.7	35.8	43.5	68.2	-24.7	Peak	Vertical
*	7747.0	8.4	36.5	44.9	68.2	-23.3	Peak	Vertical
	9404.5	10.5	36.3	46.8	74.0	-27.2	Peak	Vertical
	10730.5	12.6	35.7	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7084.0	7.7	35.1	42.8	68.2	-25.4	Peak	Horizontal
*	7857.5	8.4	35.9	44.3	68.2	-23.9	Peak	Horizontal
	9090.0	9.8	34.4	44.2	74.0	-29.8	Peak	Horizontal
	10815.5	12.8	35.3	48.1	74.0	-25.9	Peak	Horizontal
*	7075.5	7.7	35.8	43.5	68.2	-24.7	Peak	Vertical
*	7789.5	8.4	34.9	43.3	68.2	-24.9	Peak	Vertical
	9141.0	10.1	35.2	45.3	74.0	-28.7	Peak	Vertical
	10722.0	12.5	35.1	47.6	74.0	-26.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	7.7	36.2	43.9	68.2	-24.3	Peak	Horizontal
*	7925.5	8.7	35.6	44.3	68.2	-23.9	Peak	Horizontal
	9285.5	10.4	33.7	44.1	74.0	-29.9	Peak	Horizontal
	11240.5	12.5	37.1	49.6	74.0	-24.4	Peak	Horizontal
*	7186.0	7.8	36.2	44.0	68.2	-24.2	Peak	Vertical
*	7789.5	8.4	35.8	44.2	68.2	-24.0	Peak	Vertical
	9311.0	10.5	34.9	45.4	74.0	-28.6	Peak	Vertical
	10900.5	13.1	35.2	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7118.0	7.7	34.5	42.2	68.2	-26.0	Peak	Horizontal
*	7738.5	8.3	36.1	44.4	68.2	-23.8	Peak	Horizontal
	9081.5	9.7	34.4	44.1	74.0	-29.9	Peak	Horizontal
	10926.0	13.0	35.1	48.1	74.0	-25.9	Peak	Horizontal
*	7050.0	7.5	35.9	43.4	68.2	-24.8	Peak	Vertical
*	7798.0	8.4	35.5	43.9	68.2	-24.3	Peak	Vertical
	9132.5	10.0	34.2	44.2	74.0	-29.8	Peak	Vertical
	10815.5	12.8	35.1	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7118.0	7.7	35.6	43.3	68.2	-24.9	Peak	Horizontal
*	7806.5	8.4	36.1	44.5	68.2	-23.7	Peak	Horizontal
	9387.5	10.5	36.9	47.4	74.0	-26.6	Peak	Horizontal
	10977.0	13.0	35.8	48.8	74.0	-25.2	Peak	Horizontal
*	7033.0	7.3	37.1	44.4	68.2	-23.8	Peak	Vertical
*	7781.0	8.4	35.6	44.0	68.2	-24.2	Peak	Vertical
	8129.5	8.3	37.3	45.6	74.0	-28.4	Peak	Vertical
	10960.0	13.0	35.7	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7135.0	7.8	35.6	43.4	68.2	-24.8	Peak	Horizontal
*	7764.0	8.4	36.0	44.4	68.2	-23.8	Peak	Horizontal
	8248.5	8.0	36.3	44.3	74.0	-29.7	Peak	Horizontal
	10960.0	13.0	35.0	48.0	74.0	-26.0	Peak	Horizontal
*	7186.0	7.8	34.7	42.5	68.2	-25.7	Peak	Vertical
*	7874.5	8.5	36.8	45.3	68.2	-22.9	Peak	Vertical
	8112.5	8.4	35.1	43.5	74.0	-30.5	Peak	Vertical
	10764.5	12.7	35.1	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7041.5	36.8	6.6	43.4	68.2	-24.8	Peak	Horizontal
*	7789.5	35.2	7.6	42.8	68.2	-25.4	Peak	Horizontal
	8189.0	35.5	7.3	42.8	74.0	-31.2	Peak	Horizontal
	11393.5	37.7	11.9	49.6	74.0	-24.4	Peak	Horizontal
*	7186.0	36.9	7.0	43.9	68.2	-24.3	Peak	Vertical
*	7781.0	37.1	7.6	44.7	68.2	-23.5	Peak	Vertical
	8248.5	36.7	7.2	43.9	74.0	-30.1	Peak	Vertical
	10739.0	36.4	11.8	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7135.0	35.9	7.0	42.9	68.2	-25.3	Peak	Horizontal
*	7849.0	36.7	7.5	44.2	68.2	-24.0	Peak	Horizontal
	8240.0	36.6	7.2	43.8	74.0	-30.2	Peak	Horizontal
	10722.0	36.4	11.7	48.1	74.0	-25.9	Peak	Horizontal
*	7789.5	36.0	7.6	43.6	68.2	-24.6	Peak	Vertical
*	8716.0	34.9	8.1	43.0	68.2	-25.2	Peak	Vertical
	9370.5	34.6	9.8	44.4	74.0	-29.6	Peak	Vertical
	11223.5	36.2	11.6	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7118.0	36.6	6.9	43.5	68.2	-24.7	Peak	Horizontal
*	7713.0	36.7	7.4	44.1	68.2	-24.1	Peak	Horizontal
	9285.5	35.4	9.6	45.0	74.0	-29.0	Peak	Horizontal
	11223.5	36.7	11.6	48.3	74.0	-25.7	Peak	Horizontal
*	7169.0	36.0	7.0	43.0	68.2	-25.2	Peak	Vertical
*	7832.0	36.6	7.5	44.1	68.2	-24.1	Peak	Vertical
	9413.0	36.8	9.7	46.5	74.0	-27.5	Peak	Vertical
	10892.0	36.4	12.3	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6956.5	40.3	6.1	46.4	68.2	-21.8	Peak	Horizontal
*	7798.0	36.9	7.6	44.5	68.2	-23.7	Peak	Horizontal
	9098.5	35.3	9.0	44.3	74.0	-29.7	Peak	Horizontal
	11079.0	36.4	11.9	48.3	74.0	-25.7	Peak	Horizontal
*	6956.5	38.0	6.1	44.1	68.2	-24.1	Peak	Vertical
*	7874.5	36.8	7.7	44.5	68.2	-23.7	Peak	Vertical
	8410.0	35.9	7.4	43.3	74.0	-30.7	Peak	Vertical
	11402.0	36.6	11.9	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	36.3	6.9	43.2	68.2	-25.0	Peak	Horizontal
*	7781.0	36.1	7.6	43.7	68.2	-24.5	Peak	Horizontal
	8393.0	36.8	7.4	44.2	74.0	-29.8	Peak	Horizontal
	10790.0	35.6	11.9	47.5	74.0	-26.5	Peak	Horizontal
*	6990.5	35.8	6.2	42.0	68.2	-26.2	Peak	Vertical
*	7832.0	37.7	7.5	45.2	68.2	-23.0	Peak	Vertical
	9285.5	35.4	9.6	45.0	74.0	-29.0	Peak	Vertical
	10943.0	36.5	12.2	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7126.5	36.2	7.0	43.2	68.2	-25.03	Peak	Horizontal
*	7925.5	35.9	7.9	43.8	68.2	-24.43	Peak	Horizontal
	9328.0	35.1	9.7	44.8	74.0	-29.23	Peak	Horizontal
	10866.5	36.6	12.2	48.8	74.0	-25.23	Peak	Horizontal
*	7118.0	36.3	6.9	43.2	68.2	-25.03	Peak	Vertical
*	7849.0	36.8	7.5	44.3	68.2	-23.93	Peak	Vertical
	9413.0	35.6	9.7	45.3	74.0	-28.73	Peak	Vertical
	10994.0	36	12.1	48.1	74.0	-25.93	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7126.5	36.1	7.0	43.1	68.2	-25.13	Peak	Horizontal
*	7917.0	36.2	7.8	44.0	68.2	-24.23	Peak	Horizontal
	9124.0	35.6	9.2	44.8	74.0	-29.23	Peak	Horizontal
	10985.5	35.7	12.1	47.8	74.0	-26.23	Peak	Horizontal
*	7160.5	36.1	7.0	43.1	68.2	-25.13	Peak	Vertical
*	7823.5	37.4	7.6	45.0	68.2	-23.23	Peak	Vertical
	9387.5	36.2	9.7	45.9	74.0	-28.13	Peak	Vertical
	10994.0	35.7	12.1	47.8	74.0	-26.23	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7126.5	36.7	7.0	43.7	68.2	-24.53	Peak	Horizontal
*	7721.5	36.8	7.4	44.2	68.2	-24.03	Peak	Horizontal
	8002.0	37	8.0	45.0	74.0	-29.03	Peak	Horizontal
	10849.5	35.8	12.2	48.0	74.0	-26.03	Peak	Horizontal
*	7109.5	36.6	6.9	43.5	68.2	-24.73	Peak	Vertical
*	7900.0	36	7.8	43.8	68.2	-24.43	Peak	Vertical
	9251.5	36.1	9.6	45.7	74.0	-28.33	Peak	Vertical
	11079.0	36.5	11.9	48.4	74.0	-25.63	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	36.8	6.9	43.7	68.2	-24.53	Peak	Horizontal
*	7900.0	36.7	7.8	44.5	68.2	-23.73	Peak	Horizontal
	9438.5	35.8	9.8	45.6	74.0	-28.43	Peak	Horizontal
	10594.5	36.1	11.5	47.6	74.0	-26.43	Peak	Horizontal
*	6956.5	36.1	6.1	42.2	68.2	-26.03	Peak	Vertical
*	7823.5	36.9	7.6	44.5	68.2	-23.73	Peak	Vertical
	9370.5	35.4	9.8	45.2	74.0	-28.83	Peak	Vertical
	10866.5	35.9	12.2	48.1	74.0	-25.93	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6982.0	37.4	6.2	43.6	68.2	-24.6	Peak	Horizontal
*	7849.0	38.3	7.5	45.8	68.2	-22.4	Peak	Horizontal
	9379.0	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10943.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	7050.0	36.8	6.7	43.5	68.2	-24.7	Peak	Vertical
*	7925.5	36.2	7.9	44.1	68.2	-24.1	Peak	Vertical
	9090.0	36.3	9.0	45.3	74.0	-28.7	Peak	Vertical
	10926.0	35.1	12.2	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6990.5	36.2	6.2	42.4	68.2	-25.8	Peak	Horizontal
*	7917.0	36.6	7.8	44.4	68.2	-23.8	Peak	Horizontal
	9090.0	36.5	9.0	45.5	74.0	-28.5	Peak	Horizontal
	10968.5	35.4	12.2	47.6	74.0	-26.4	Peak	Horizontal
*	7075.5	37.3	6.9	44.2	68.2	-24.0	Peak	Vertical
*	7738.5	37.3	7.5	44.8	68.2	-23.4	Peak	Vertical
	8299.5	35.4	7.2	42.6	74.0	-31.4	Peak	Vertical
	10934.5	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6990.5	36	6.2	42.2	68.2	-26.0	Peak	Horizontal
*	7840.5	37	7.5	44.5	68.2	-23.7	Peak	Horizontal
	9064.5	36.1	8.7	44.8	74.0	-29.2	Peak	Horizontal
	10611.5	36.3	11.5	47.8	74.0	-26.2	Peak	Horizontal
*	7084.0	36.2	6.9	43.1	68.2	-25.1	Peak	Vertical
*	7840.5	37.5	7.5	45.0	68.2	-23.2	Peak	Vertical
	9260.0	36.2	9.6	45.8	74.0	-28.2	Peak	Vertical
	10883.5	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6999.0	36.6	6.3	42.9	68.2	-25.3	Peak	Horizontal
*	7798.0	36.6	7.6	44.2	68.2	-24.0	Peak	Horizontal
	8333.5	37	7.3	44.3	74.0	-29.7	Peak	Horizontal
	10977.0	35.3	12.2	47.5	74.0	-26.5	Peak	Horizontal
*	7118.0	35.4	6.9	42.3	68.2	-25.9	Peak	Vertical
*	7823.5	37.4	7.6	45.0	68.2	-23.2	Peak	Vertical
	9438.5	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical
	10909.0	35.2	12.3	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7721.5	36.4	7.4	43.8	68.2	-24.4	Peak	Horizontal
*	8690.5	36.4	8.2	44.6	68.2	-23.6	Peak	Horizontal
	9107.0	36.3	9.0	45.3	74.0	-28.7	Peak	Horizontal
	10917.5	35.3	12.3	47.6	74.0	-26.4	Peak	Horizontal
*	7118.0	36.7	6.9	43.6	68.2	-24.6	Peak	Vertical
*	7798.0	36.8	7.6	44.4	68.2	-23.8	Peak	Vertical
	9387.5	36	9.7	45.7	74.0	-28.3	Peak	Vertical
	10934.5	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7194.5	36.5	7.1	43.6	68.2	-24.6	Peak	Horizontal
*	7781.0	36.7	7.6	44.3	68.2	-23.9	Peak	Horizontal
	8316.5	37.5	7.2	44.7	74.0	-29.3	Peak	Horizontal
	10832.5	36.8	12.1	48.9	74.0	-25.1	Peak	Horizontal
*	7109.5	37.4	6.9	44.3	68.2	-23.9	Peak	Vertical
*	7815.0	37.5	7.6	45.1	68.2	-23.1	Peak	Vertical
	9081.5	36.2	8.9	45.1	74.0	-28.9	Peak	Vertical
	11351.0	36.2	11.8	48.0	74.0	-26.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7917.0	36.5	7.8	44.3	68.2	-23.9	Peak	Horizontal
*	7917.0	36.5	7.8	44.3	68.2	-23.9	Peak	Horizontal
	8486.5	37	7.7	44.7	74.0	-29.3	Peak	Horizontal
	9311.0	35.5	9.7	45.2	74.0	-28.8	Peak	Horizontal
*	10824.0	35.8	12.1	47.9	68.2	-20.3	Peak	Vertical
*	6973.5	37.8	6.1	43.9	68.2	-24.3	Peak	Vertical
	7832.0	36.8	7.5	44.3	74.0	-29.7	Peak	Vertical
	9430.0	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7194.5	36.7	7.1	43.8	68.2	-24.4	Peak	Horizontal
*	7934.0	36.2	7.9	44.1	68.2	-24.1	Peak	Horizontal
	9438.5	37.3	9.8	47.1	74.0	-26.9	Peak	Horizontal
	10815.5	35.6	12.0	47.6	74.0	-26.4	Peak	Horizontal
*	7152.0	37.2	7.0	44.2	68.2	-24.0	Peak	Vertical
*	7806.5	37.5	7.6	45.1	68.2	-23.1	Peak	Vertical
	9115.5	36.2	9.1	45.3	74.0	-28.7	Peak	Vertical
	10747.5	36.6	11.8	48.4	74.0	-25.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7016.0	36.9	6.4	43.3	68.2	-24.9	Peak	Horizontal
*	7781.0	37.3	7.6	44.9	68.2	-23.3	Peak	Horizontal
	8282.5	37.1	7.2	44.3	74.0	-29.7	Peak	Horizontal
	10892.0	36.0	12.3	48.3	74.0	-25.7	Peak	Horizontal
*	7075.5	36.3	6.9	43.2	68.2	-25.0	Peak	Vertical
*	7764.0	37.7	7.6	45.3	68.2	-22.9	Peak	Vertical
	9251.5	35.7	9.6	45.3	74.0	-28.7	Peak	Vertical
	11189.5	36.3	11.6	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7024.5	36.9	6.5	43.4	68.2	-24.8	Peak	Horizontal
*	7781.0	36.9	7.6	44.5	68.2	-23.7	Peak	Horizontal
	9396.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
	11028.0	36.1	12.1	48.2	74.0	-25.8	Peak	Horizontal
*	7873.4	35.3	7.7	43.0	68.2	-25.2	Peak	Vertical
*	8600.5	35.2	8.0	43.2	68.2	-25.0	Peak	Vertical
	9400.6	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
	11492.5	35.4	11.9	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7605.8	36.0	7.2	43.2	68.2	-25.0	Peak	Horizontal
*	8595.4	35.8	8.0	43.8	68.2	-24.4	Peak	Horizontal
	9102.8	35.2	9.0	44.2	74.0	-29.8	Peak	Horizontal
	11212.4	35.9	11.6	47.5	74.0	-26.5	Peak	Horizontal
*	7050.5	35.6	6.7	42.3	68.2	-25.9	Peak	Vertical
*	7797.5	35.8	7.6	43.4	68.2	-24.8	Peak	Vertical
	9077.0	34.8	8.9	43.7	74.0	-30.3	Peak	Vertical
	10949.5	35.4	12.2	47.6	74.0	-26.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7070.6	35.2	6.8	42.0	68.2	-26.2	Peak	Horizontal
*	8248.5	35.3	7.2	42.5	68.2	-25.7	Peak	Horizontal
	9379.5	34.8	9.7	44.5	74.0	-29.5	Peak	Horizontal
	11377.5	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
*	7097.0	35.5	6.9	42.4	68.2	-25.8	Peak	Vertical
*	7857.5	36.3	7.6	43.9	68.2	-24.3	Peak	Vertical
	9287.5	34.7	9.6	44.3	74.0	-29.7	Peak	Vertical
	10852.5	35.5	12.2	47.7	74.0	-26.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7097.5	35.3	6.9	42.2	68.2	-26.0	Peak	Horizontal
*	7797.5	35.8	7.6	43.4	68.2	-24.8	Peak	Horizontal
	8400.5	35.4	7.4	42.8	74.0	-31.2	Peak	Horizontal
	10600.5	34.5	11.5	46.0	74.0	-28.0	Peak	Horizontal
*	6977.0	35.9	6.1	42.0	68.2	-26.2	Peak	Vertical
*	7732.5	35.5	7.5	43.0	68.2	-25.2	Peak	Vertical
	9079.0	35.0	8.9	43.9	74.0	-30.1	Peak	Vertical
	10742.0	34.6	11.8	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7097.5	35.5	6.9	42.4	68.2	-25.8	Peak	Horizontal
*	7877.5	36.2	7.7	43.9	68.2	-24.3	Peak	Horizontal
	8292.5	36.1	7.2	43.3	74.0	-30.7	Peak	Horizontal
	9400.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
*	6977.5	35.7	6.1	41.8	68.2	-26.4	Peak	Vertical
*	7711.5	35.1	7.4	42.5	68.2	-25.7	Peak	Vertical
	9050.5	34.9	8.5	43.4	74.0	-30.6	Peak	Vertical
	11077.5	34.9	11.9	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6997.0	35.9	6.3	42.2	68.2	-26.0	Peak	Horizontal
*	7867.5	35.8	7.6	43.4	68.2	-24.8	Peak	Horizontal
	9127.0	34.7	9.2	43.9	74.0	-30.1	Peak	Horizontal
	11147.0	34.8	11.7	46.5	74.0	-27.5	Peak	Horizontal
*	6957.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7877.0	36.0	7.7	43.7	68.2	-24.5	Peak	Vertical
	8297.5	36.0	7.2	43.2	74.0	-30.8	Peak	Vertical
	9423.5	35.2	9.8	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7037.0	35.4	6.6	42.0	68.2	-26.2	Peak	Horizontal
*	7907.5	35.1	7.8	42.9	68.2	-25.3	Peak	Horizontal
	9409.5	34.7	9.7	44.4	74.0	-29.6	Peak	Horizontal
	11157.5	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
*	7107.0	35.8	6.9	42.7	68.2	-25.5	Peak	Vertical
*	7917.0	35.4	7.8	43.2	68.2	-25.0	Peak	Vertical
	9079.5	34.9	8.9	43.8	74.0	-30.2	Peak	Vertical
	10777.5	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6948.0	35.4	6.1	41.5	68.2	-26.7	Peak	Horizontal
*	7897.0	35.7	7.8	43.5	68.2	-24.7	Peak	Horizontal
	8410.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	10700.5	34.3	11.7	46.0	74.0	-28.0	Peak	Horizontal
*	6948.5	36.3	6.1	42.4	68.2	-25.8	Peak	Vertical
*	7811.0	35.8	7.6	43.4	68.2	-24.8	Peak	Vertical
	9070.5	34.9	8.8	43.7	74.0	-30.3	Peak	Vertical
	10705.5	33.9	11.7	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7047.5	35.2	6.7	41.9	68.2	-26.3	Peak	Horizontal
*	7879.5	36.1	7.7	43.8	68.2	-24.4	Peak	Horizontal
	8399.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9410.5	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
*	6952.0	36.7	6.1	42.8	68.2	-25.4	Peak	Vertical
*	7879.5	35.9	7.7	43.6	68.2	-24.6	Peak	Vertical
	9070.5	35.4	8.8	44.2	74.0	-29.8	Peak	Vertical
	10620.5	34.9	11.6	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7059.5	35.7	6.8	42.5	68.2	-25.7	Peak	Horizontal
*	7810.5	45.1	7.6	52.7	68.2	-15.5	Peak	Horizontal
	9397.5	34.9	9.7	44.6	74.0	-29.4	Peak	Horizontal
	10630.5	34.5	11.6	46.1	74.0	-27.9	Peak	Horizontal
*	6949.5	35.3	6.1	41.4	68.2	-26.8	Peak	Vertical
*	7800.5	35.7	7.6	43.3	68.2	-24.9	Peak	Vertical
	8292.0	34.8	7.2	42.0	74.0	-32.0	Peak	Vertical
	9400.5	34.9	9.7	44.6	74.0	-29.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7135.0	37.0	7.0	44.0	68.2	-24.2	Peak	Horizontal
*	8563.0	37.0	8.0	45.0	68.2	-23.2	Peak	Horizontal
	9268.5	36.2	9.6	45.7	74.0	-28.3	Peak	Horizontal
	11198.0	36.6	11.6	48.2	74.0	-25.8	Peak	Horizontal
*	7070.5	35.1	6.8	41.9	68.2	-26.3	Peak	Vertical
*	7882.5	35.3	7.7	43.0	68.2	-25.2	Peak	Vertical
	9103.5	34.9	9.0	43.9	74.0	-30.1	Peak	Vertical
	10970.0	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	144	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7067.0	35.8	6.8	42.6	68.2	-25.6	Peak	Horizontal
*	7733.0	35.2	7.5	42.7	68.2	-25.5	Peak	Horizontal
	8399.0	35.4	7.4	42.8	74.0	-31.2	Peak	Horizontal
	9433.5	35.1	9.8	44.9	74.0	-29.1	Peak	Horizontal
*	6949.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7742.0	34.9	7.5	42.4	68.2	-25.8	Peak	Vertical
	8423.5	35.4	7.5	42.9	74.0	-31.1	Peak	Vertical
	9415.0	35.4	9.7	45.1	74.0	-28.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7023.0	35.2	6.5	41.7	68.2	-26.5	Peak	Horizontal
*	7745.0	35.0	7.6	42.6	68.2	-25.6	Peak	Horizontal
	8399.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	11182.0	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
*	7177.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7923.0	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	9117.0	35.2	9.1	44.3	74.0	-29.7	Peak	Vertical
	10636.5	35.3	11.6	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7095.5	35.1	6.9	42.0	68.2	-26.2	Peak	Horizontal
*	7915.0	35.1	7.8	42.9	68.2	-25.3	Peak	Horizontal
	9079.5	35.4	8.9	44.3	74.0	-29.7	Peak	Horizontal
	11182.3	34.8	11.6	46.4	74.0	-27.6	Peak	Horizontal
*	6948.5	35.3	6.1	41.4	68.2	-26.8	Peak	Vertical
*	7706.5	35.3	7.3	42.6	68.2	-25.6	Peak	Vertical
	9137.0	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
	10612.0	34.8	11.5	46.3	74.0	-27.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6952.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7745.5	35.2	7.6	42.8	68.2	-25.4	Peak	Horizontal
	8417.0	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9436.5	35.0	9.8	44.8	74.0	-29.2	Peak	Horizontal
*	6950.5	35.4	6.1	41.5	68.2	-26.7	Peak	Vertical
*	7920.5	34.9	7.9	42.8	68.2	-25.4	Peak	Vertical
	9410.0	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	11077.0	34.3	11.9	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7117.0	36.3	6.9	43.2	68.2	-25.0	Peak	Horizontal
*	7917.0	35.0	7.8	42.8	68.2	-25.4	Peak	Horizontal
	8097.0	34.7	7.6	42.3	74.0	-31.7	Peak	Horizontal
	9326.5	34.2	9.7	43.9	74.0	-30.1	Peak	Horizontal
*	6950.5	35.3	6.1	41.4	68.2	-26.8	Peak	Vertical
*	7743.5	35.5	7.5	43.0	68.2	-25.2	Peak	Vertical
	9079.5	35.5	8.9	44.4	74.0	-29.6	Peak	Vertical
	10017.5	34.1	10.7	44.8	74.0	-29.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7100.5	34.8	6.9	41.7	68.2	-26.5	Peak	Horizontal
*	7923.5	35.2	7.9	43.1	68.2	-25.1	Peak	Horizontal
	9433.0	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
	11273.0	35.1	11.7	46.8	74.0	-27.2	Peak	Horizontal
*	6962.5	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7766.0	34.8	7.6	42.4	68.2	-25.8	Peak	Vertical
	8289.5	35.6	7.2	42.8	74.0	-31.2	Peak	Vertical
	9323.5	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7012.6	35.9	6.4	42.3	68.2	-25.9	Peak	Horizontal
*	7859.5	35.8	7.6	43.4	68.2	-24.8	Peak	Horizontal
	9012.5	34.6	8.3	42.9	74.0	-31.1	Peak	Horizontal
	10679.5	33.4	11.7	45.1	74.0	-28.9	Peak	Horizontal
*	6956.5	35.9	6.1	42.0	68.2	-26.2	Peak	Vertical
*	7948.5	36.0	7.9	43.9	68.2	-24.3	Peak	Vertical
	9339.5	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
	10950.0	34.8	12.2	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7034.5	36.2	6.5	42.7	68.2	-25.5	Peak	Horizontal
*	7759.0	35.6	7.6	43.2	68.2	-25.0	Peak	Horizontal
	8400.5	35.5	7.4	42.9	74.0	-31.1	Peak	Horizontal
	9274.5	34.2	9.6	43.8	74.0	-30.2	Peak	Horizontal
*	6990.0	35.3	6.2	41.5	68.2	-26.7	Peak	Vertical
*	7742.0	35.4	7.5	42.9	68.2	-25.3	Peak	Vertical
	8328.0	35.3	7.2	42.5	74.0	-31.5	Peak	Vertical
	9434.0	35.3	9.8	45.1	74.0	-28.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7018.0	35.5	6.4	41.9	68.2	-26.3	Peak	Horizontal
*	8710.0	36.1	8.2	44.3	68.2	-23.9	Peak	Horizontal
	9399.0	35.4	9.7	45.1	74.0	-28.9	Peak	Horizontal
	10810.0	34.7	12.0	46.7	74.0	-27.3	Peak	Horizontal
*	7925.0	35.5	7.9	43.4	68.2	-24.8	Peak	Vertical
*	8681.0	34.9	8.1	43.0	68.2	-25.2	Peak	Vertical
	9055.0	35.7	8.6	44.3	74.0	-29.7	Peak	Vertical
	10950.5	34.1	12.2	46.3	74.0	-27.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6948.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7879.0	35.8	7.7	43.5	68.2	-24.7	Peak	Horizontal
	9400.5	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10783.5	34.1	11.9	46.0	74.0	-28.0	Peak	Horizontal
*	7797.0	36.2	7.6	43.8	68.2	-24.4	Peak	Vertical
*	8580.0	34.7	8.0	42.7	68.2	-25.5	Peak	Vertical
	9399.0	34.8	9.7	44.5	74.0	-29.5	Peak	Vertical
	11301.0	35.1	11.7	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7001.0	35.7	6.3	42.0	68.2	-26.2	Peak	Horizontal
*	7917.0	35.3	7.8	43.1	68.2	-25.1	Peak	Horizontal
	9079.0	35.1	8.9	44.0	74.0	-30.0	Peak	Horizontal
	10700.5	34.2	11.7	45.9	74.0	-28.1	Peak	Horizontal
*	7079.0	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	7745.5	35.4	7.6	43.0	68.2	-25.2	Peak	Vertical
	9399.5	34.9	9.7	44.6	74.0	-29.4	Peak	Vertical
	11192.3	34.7	11.6	46.3	74.0	-27.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	142	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7112.2	34.9	6.9	41.8	68.2	-26.4	Peak	Horizontal
*	7743.5	34.9	7.5	42.4	68.2	-25.8	Peak	Horizontal
	9384.0	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10810.5	33.9	12.0	45.9	74.0	-28.1	Peak	Horizontal
*	7190.5	35.2	7.0	42.2	68.2	-26.0	Peak	Vertical
*	8571.5	36.3	8.0	44.3	68.2	-23.9	Peak	Vertical
	9334.5	34.3	9.7	44.0	74.0	-30.0	Peak	Vertical
	11397.0	35.0	11.9	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6951.5	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7797.5	35.5	7.6	43.1	68.2	-25.1	Peak	Horizontal
	9097.5	35.3	9.0	44.3	74.0	-29.7	Peak	Horizontal
	10820.0	34.3	12.0	46.3	74.0	-27.7	Peak	Horizontal
*	7092.5	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	7920.5	35.8	7.9	43.7	68.2	-24.5	Peak	Vertical
	9410.5	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	10705.5	34.8	11.7	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7079.5	35.3	6.9	42.2	68.2	-26.0	Peak	Horizontal
*	7962.5	35.1	7.9	43.0	68.2	-25.2	Peak	Horizontal
	9384.5	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
	11182.5	36.6	11.6	48.2	74.0	-25.8	Peak	Horizontal
*	6950.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7910.0	35.6	7.8	43.4	68.2	-24.8	Peak	Vertical
	9079.0	35.6	8.9	44.5	74.0	-29.5	Peak	Vertical
	10728.0	35.0	11.8	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	42	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7047.0	35.4	6.7	42.1	68.2	-26.1	Peak	Horizontal
*	7880.0	35.4	7.7	43.1	68.2	-25.1	Peak	Horizontal
	8399.0	35.9	7.4	43.3	74.0	-30.7	Peak	Horizontal
	9326.5	34.4	9.7	44.1	74.0	-29.9	Peak	Horizontal
*	7182.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7862.0	35.5	7.6	43.1	68.2	-25.1	Peak	Vertical
	9081.0	35.9	8.9	44.8	74.0	-29.2	Peak	Vertical
	11038.5	34.6	12.0	46.6	74.0	-27.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	58	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6984.0	35.3	6.2	41.5	68.2	-26.7	Peak	Horizontal
*	7848.0	36.1	7.5	43.6	68.2	-24.6	Peak	Horizontal
	8399.0	35.3	7.4	42.7	74.0	-31.3	Peak	Horizontal
	9384.0	35.5	9.7	45.2	74.0	-28.8	Peak	Horizontal
*	7001.0	35.0	6.3	41.3	68.2	-26.9	Peak	Vertical
*	7855.0	35.2	7.6	42.8	68.2	-25.4	Peak	Vertical
	9129.0	35.7	9.2	44.9	74.0	-29.1	Peak	Vertical
	11268.0	34.2	11.7	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	106	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7119.0	35.7	6.9	42.6	68.2	-25.6	Peak	Horizontal
*	7848.0	36.0	7.5	43.5	68.2	-24.7	Peak	Horizontal
	8289.0	36.0	7.2	43.2	74.0	-30.8	Peak	Horizontal
	9384.5	35.9	9.7	45.6	74.0	-28.4	Peak	Horizontal
*	7050.0	35.4	6.7	42.1	68.2	-26.1	Peak	Vertical
*	7731.5	35.1	7.5	42.6	68.2	-25.6	Peak	Vertical
	9047.0	35.1	8.5	43.6	74.0	-30.4	Peak	Vertical
	9442.0	34.8	9.8	44.6	74.0	-29.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	122	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6955.0	35.2	6.1	41.3	68.2	-26.9	Peak	Horizontal
*	7727.5	35.7	7.5	43.2	68.2	-25.0	Peak	Horizontal
	9120.0	35.4	9.1	44.5	74.0	-29.5	Peak	Horizontal
	11178.5	34.6	11.6	46.2	74.0	-27.8	Peak	Horizontal
*	7071.5	34.7	6.8	41.5	68.2	-26.7	Peak	Vertical
*	7922.5	35.7	7.9	43.6	68.2	-24.6	Peak	Vertical
	8292.3	36.2	7.2	43.4	74.0	-30.6	Peak	Vertical
	9410.5	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	138	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7041.0	35.8	6.6	42.4	68.2	-25.8	Peak	Horizontal
*	7882.0	36.4	7.7	44.1	68.2	-24.1	Peak	Horizontal
	8399.0	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9384.5	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
*	7049.5	35.1	6.7	41.8	68.2	-26.4	Peak	Vertical
*	7851.5	36.0	7.6	43.6	68.2	-24.6	Peak	Vertical
	8957.5	34.2	8.1	42.3	74.0	-31.7	Peak	Vertical
	11182.2	34.9	11.6	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7056.5	34.9	6.7	41.6	68.2	-26.6	Peak	Horizontal
*	7892.0	35.9	7.7	43.6	68.2	-24.6	Peak	Horizontal
	8294.0	34.9	7.2	42.1	74.0	-31.9	Peak	Horizontal
	9426.5	35.3	9.8	45.1	74.0	-28.9	Peak	Horizontal
*	7047.0	35.5	6.7	42.2	68.2	-26.0	Peak	Vertical
*	7922.5	35.7	7.9	43.6	68.2	-24.6	Peak	Vertical
	8410.5	34.8	7.4	42.2	74.0	-31.8	Peak	Vertical
	11177.5	34.5	11.6	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Panel Antenna 2# and 3# Worst-Case Mode

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7162.5	35.9	7.7	43.6	68.2	-24.6	Peak	Horizontal
*	8743.5	36.0	9.0	45.0	68.2	-23.2	Peak	Horizontal
	9423.5	36.1	10.6	46.7	74.0	-27.3	Peak	Horizontal
	11540.0	37.4	12.7	50.1	74.0	-23.9	Peak	Horizontal
*	7230.5	36.7	7.8	44.5	68.2	-23.7	Peak	Vertical
*	8735.0	36.2	8.9	45.1	68.2	-23.1	Peak	Vertical
	9381.0	35.2	10.5	45.7	74.0	-28.3	Peak	Vertical
	11489.0	38.0	12.8	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7154.0	35.6	7.7	43.3	68.2	-24.9	Peak	Horizontal
*	8726.5	36.3	9.0	45.3	68.2	-22.9	Peak	Horizontal
	9372.5	36.0	10.5	46.5	74.0	-27.5	Peak	Horizontal
	10868.5	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
*	7162.5	36.8	7.7	44.5	68.2	-23.7	Peak	Vertical
*	8862.5	36.2	9.1	45.3	68.2	-22.9	Peak	Vertical
	9338.5	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	11574.0	37.3	12.6	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	36.6	7.6	44.2	68.2	-24.0	Peak	Horizontal
*	8752.0	36.6	9.0	45.6	68.2	-22.6	Peak	Horizontal
	9483.0	36.3	10.6	46.9	74.0	-27.1	Peak	Horizontal
	11404.0	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
*	7145.5	35.9	7.7	43.6	68.2	-24.6	Peak	Vertical
*	8820.0	36.3	9.0	45.3	68.2	-22.9	Peak	Vertical
	9415.0	34.8	10.6	45.4	74.0	-28.6	Peak	Vertical
	11489.0	36.2	12.8	49.0	74.0	-25.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	36.2	8.4	44.6	68.2	-23.6	Peak	Horizontal
*	8726.5	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
	9466.0	36.4	10.5	46.9	74.0	-27.1	Peak	Horizontal
	11514.5	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	7086.0	36.6	7.3	43.9	68.2	-24.3	Peak	Vertical
*	8650.0	36.7	8.8	45.5	68.2	-22.7	Peak	Vertical
	9440.5	35.6	10.5	46.1	74.0	-27.9	Peak	Vertical
	11489.0	37.5	12.8	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	37.2	7.7	44.9	68.2	-23.3	Peak	Horizontal
*	8769.0	36.8	8.9	45.7	68.2	-22.5	Peak	Horizontal
	9423.5	35.3	10.6	45.9	74.0	-28.1	Peak	Horizontal
	11514.5	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
*	7111.5	35.4	7.5	42.9	68.2	-25.3	Peak	Vertical
*	8811.5	36.2	9.0	45.2	68.2	-23.0	Peak	Vertical
	9440.5	34.8	10.5	45.3	74.0	-28.7	Peak	Vertical
	11557.0	36.3	12.7	49.0	74.0	-25.0	Peak	Vertical

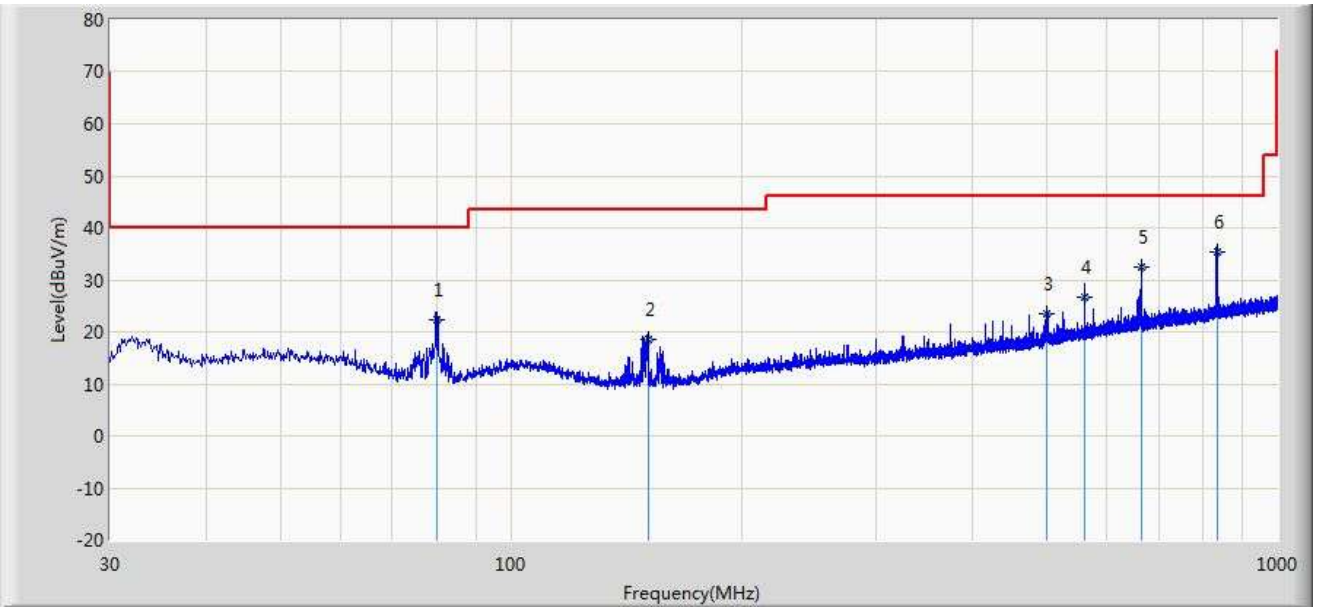
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2015/04/10 - 13:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz	

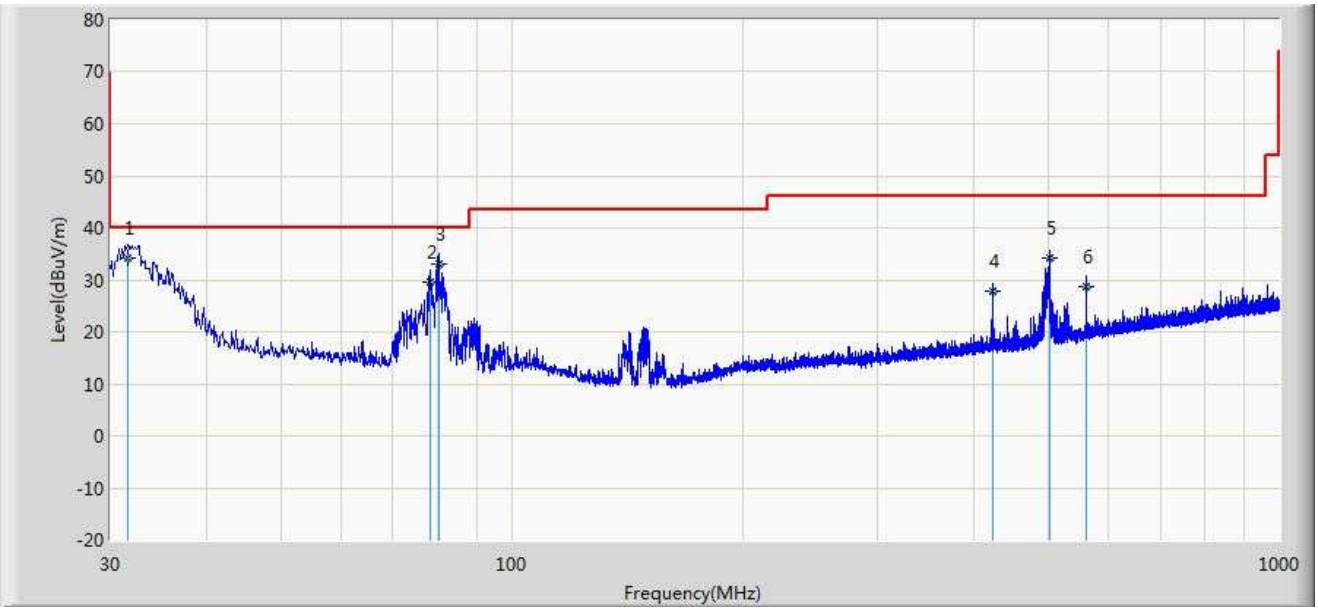


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			79.980	22.178	12.820	-17.822	40.000	9.358	QP
2			151.080	18.620	9.140	-24.880	43.500	9.480	QP
3			500.400	23.515	5.280	-22.485	46.000	18.235	QP
4			560.074	26.650	7.400	-19.350	46.000	19.249	QP
5			664.205	32.399	11.570	-13.601	46.000	20.829	QP
6		*	833.835	35.311	12.078	-10.689	46.000	23.233	QP

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/10 - 13:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz	

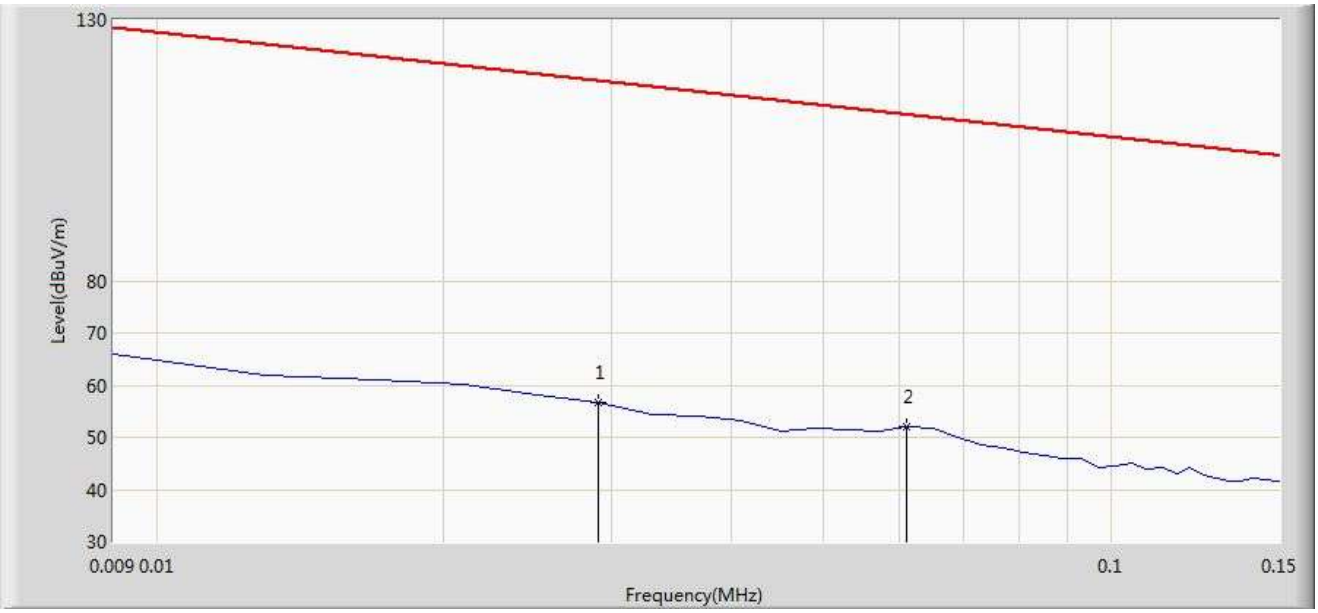


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	31.620	34.241	21.930	-5.759	40.000	12.311	QP
2			78.360	29.632	20.500	-10.368	40.000	9.132	QP
3			80.420	32.930	23.510	-7.070	40.000	9.420	QP
4			422.740	27.757	10.780	-18.243	46.000	16.977	QP
5			501.600	34.109	15.860	-11.891	46.000	18.249	QP
6			560.030	28.789	9.540	-17.211	46.000	19.248	QP

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/10 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

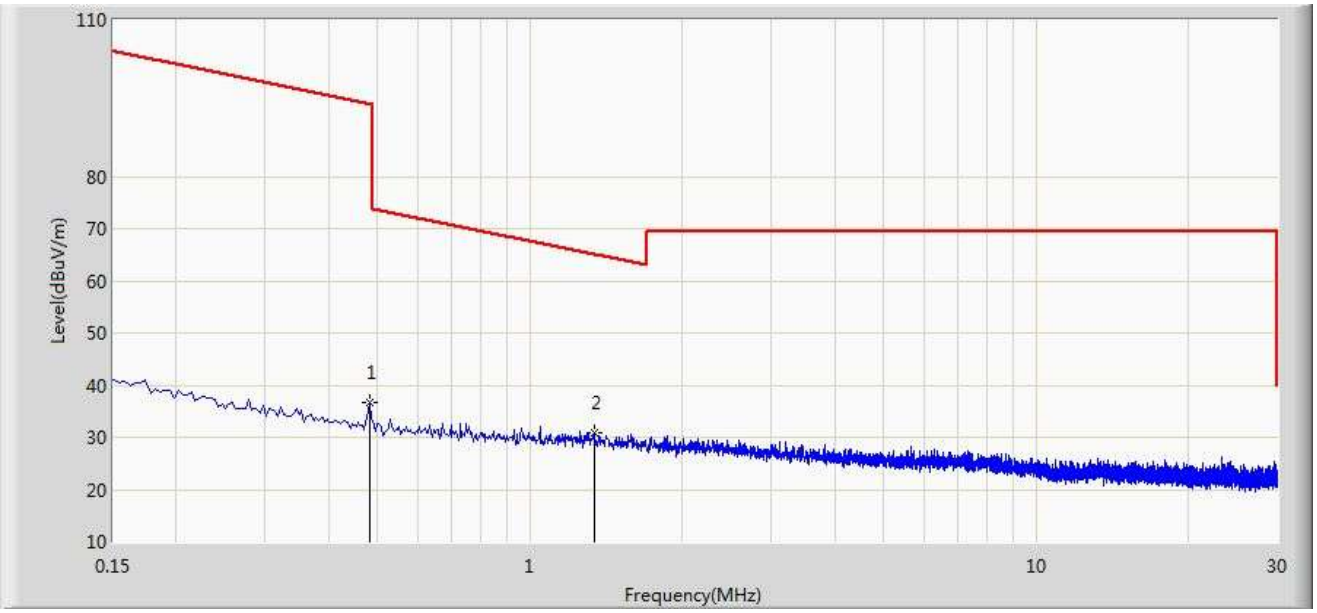


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/10 - 19:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

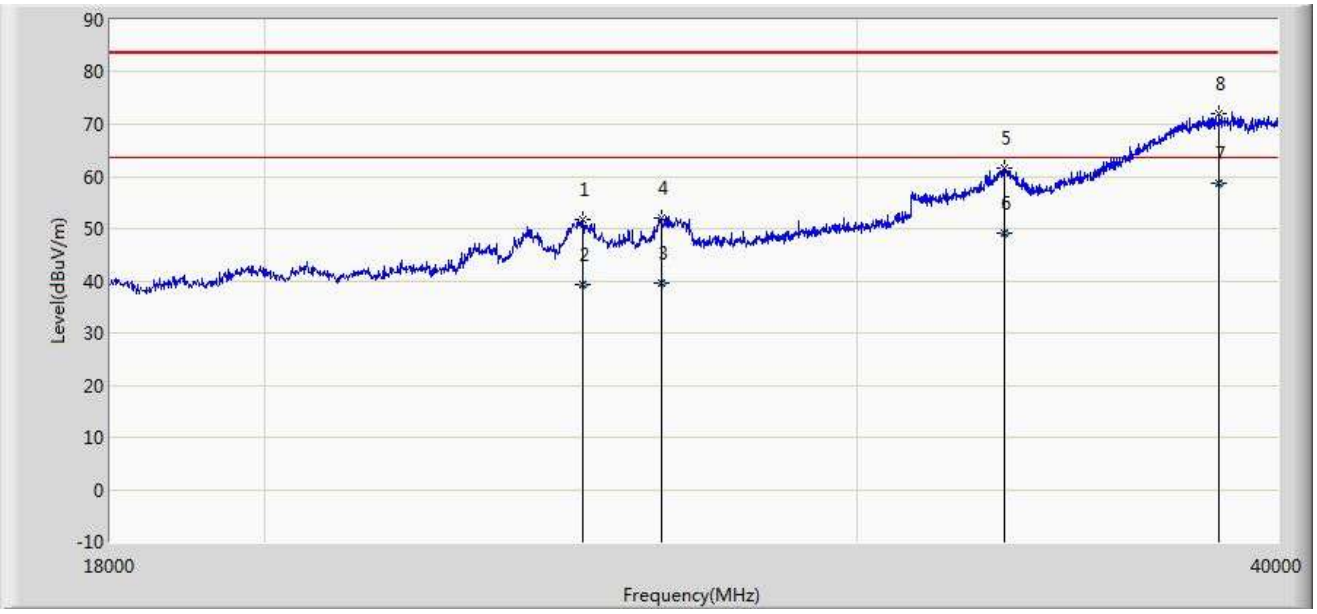


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/10 - 21:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

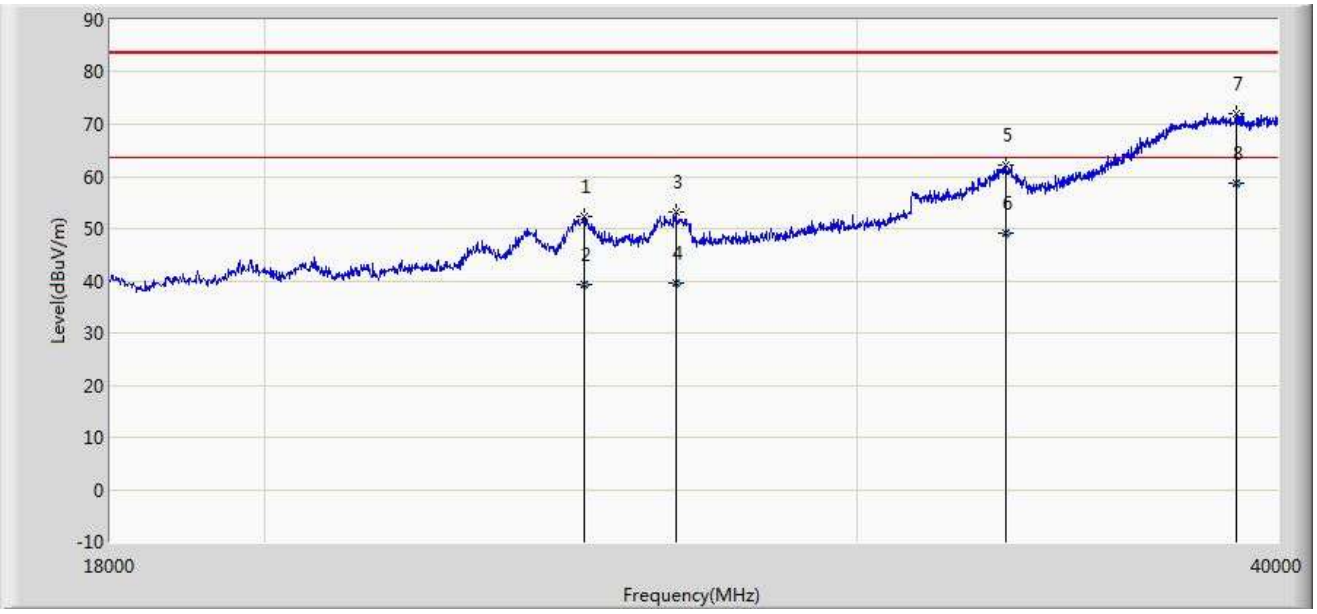


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956	36.537	-31.544	83.500	15.419	PK
5			33180.000	61.461	39.940	-22.039	83.500	21.521	PK
6			33180.361	49.061	27.540	-14.439	63.500	21.521	AV
7		*	38437.980	58.523	31.190	-4.977	63.500	27.333	AV
8			38438.000	72.021	44.688	-11.479	83.500	27.333	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

Site: AC1	Time: 2015/04/10 - 21:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24886.000	52.313	37.528	-31.187	83.500	14.785	PK
2			24886.970	39.234	24.449	-24.266	63.500	14.785	AV
3			26503.000	53.227	37.207	-30.273	83.500	16.020	PK
4			26503.872	39.572	23.550	-23.928	63.500	16.022	AV
5			33213.000	62.110	40.572	-21.390	83.500	21.538	PK
6			33213.984	49.098	27.560	-14.402	63.500	21.538	AV
7			38900.000	72.096	44.211	-11.404	83.500	27.885	PK
8		*	38900.755	58.705	30.820	-4.795	63.500	27.885	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB)

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

Note: Refer to KDB 789033 D02v01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

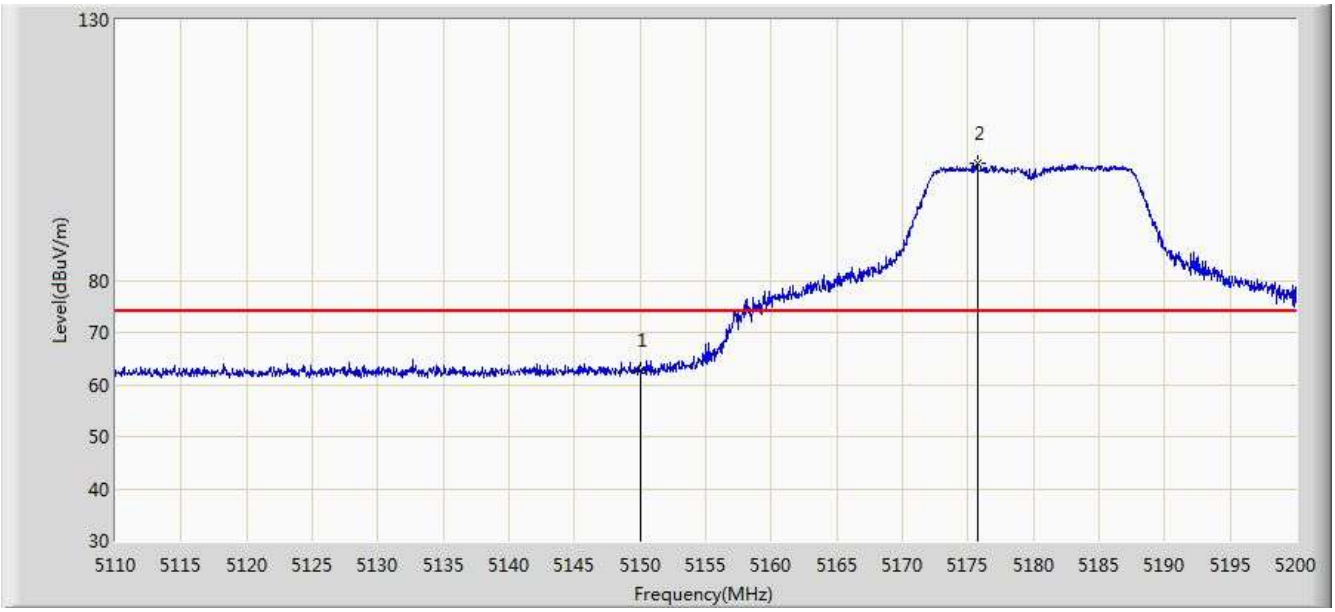
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2. Test Result of Radiated Restricted Band Edge

Dipole Antenna 1#

Site: AC1	Time: 2015/04/23 - 23:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.709	25.257	-11.291	74.000	37.452	PK
2		*	5175.700	102.379	64.996	N/A	N/A	37.384	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

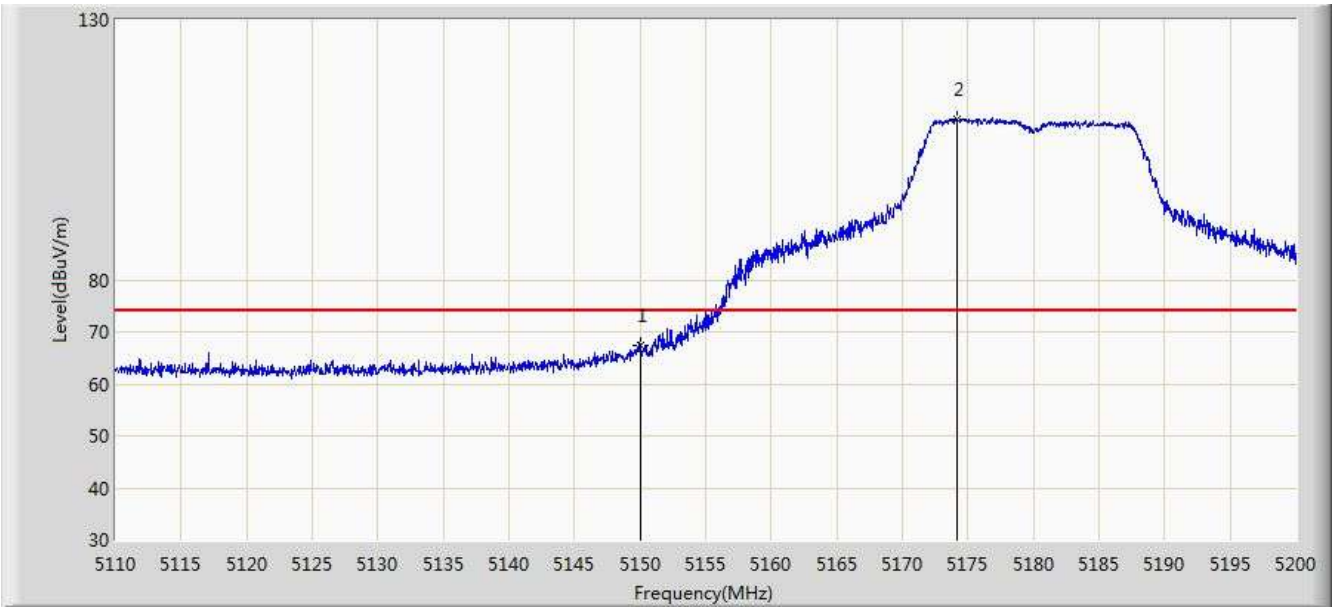
Site: AC1	Time: 2015/04/23 - 23:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.388	12.936	-3.612	54.000	37.452	AV
2		*	5177.545	89.814	52.435	N/A	N/A	37.380	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.404	29.952	-6.596	74.000	37.452	PK
2		*	5174.125	110.959	73.572	N/A	N/A	37.387	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

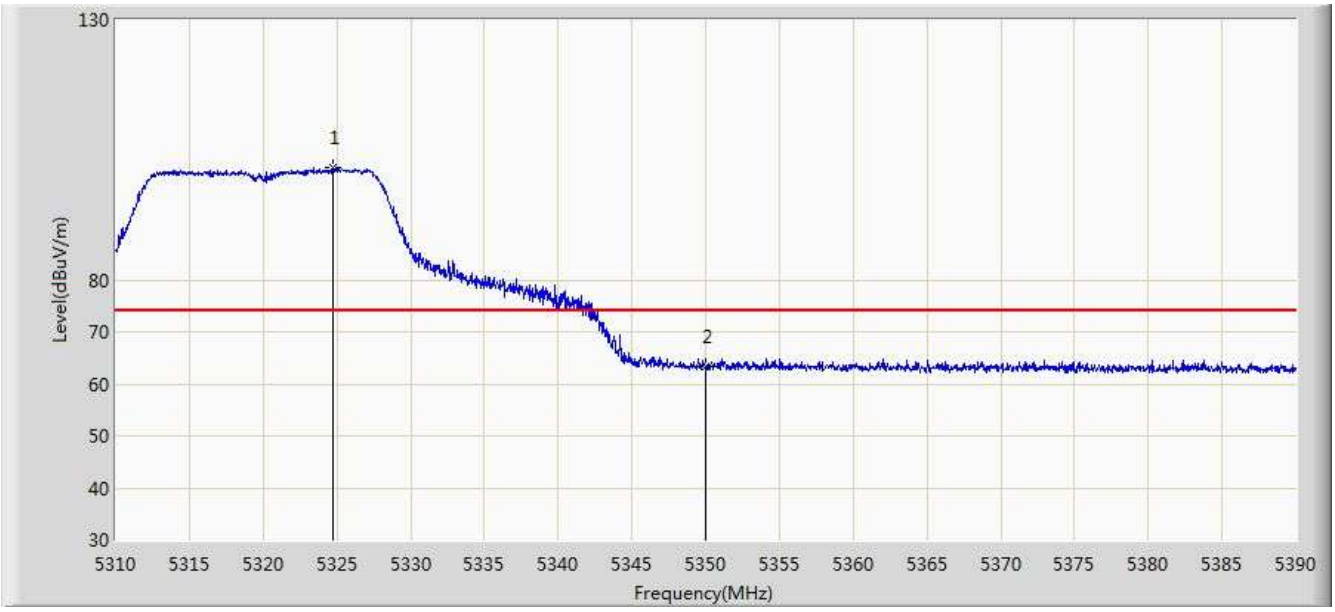
Site: AC1	Time: 2015/04/23 - 23:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.256	15.804	-0.744	54.000	37.452	AV
2		*	5175.340	98.869	61.485	N/A	N/A	37.384	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a Ant 0	

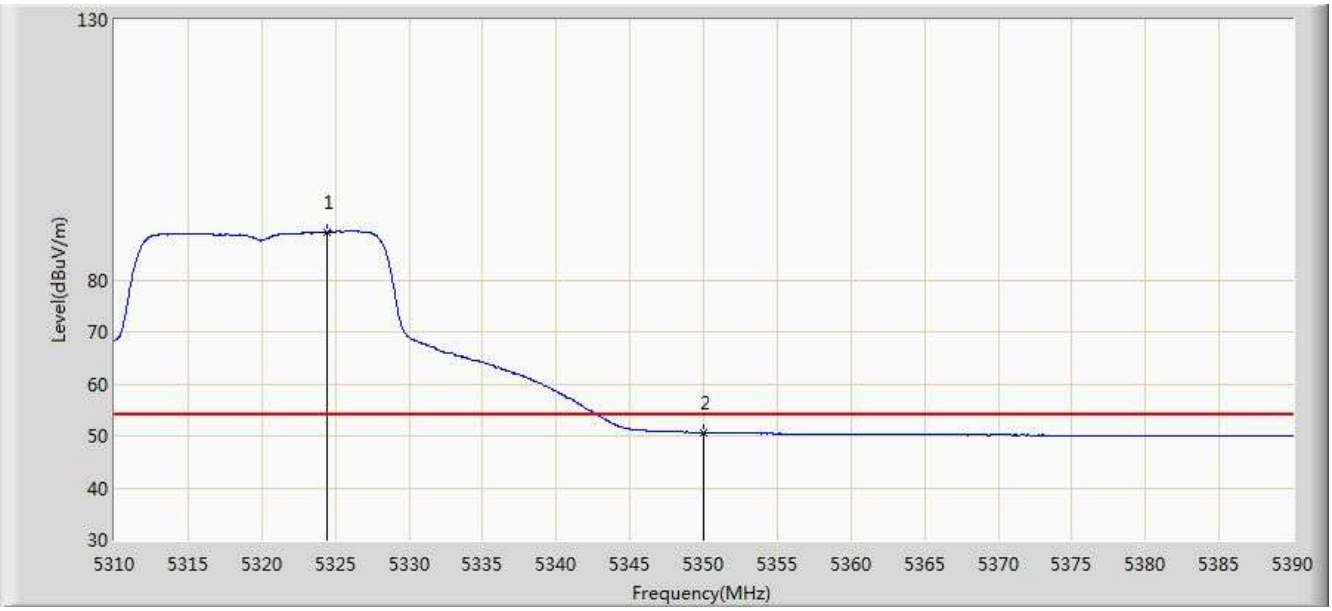


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.720	101.605	64.383	N/A	N/A	37.222	PK
2			5350.000	63.394	26.108	-10.606	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a Ant 0	

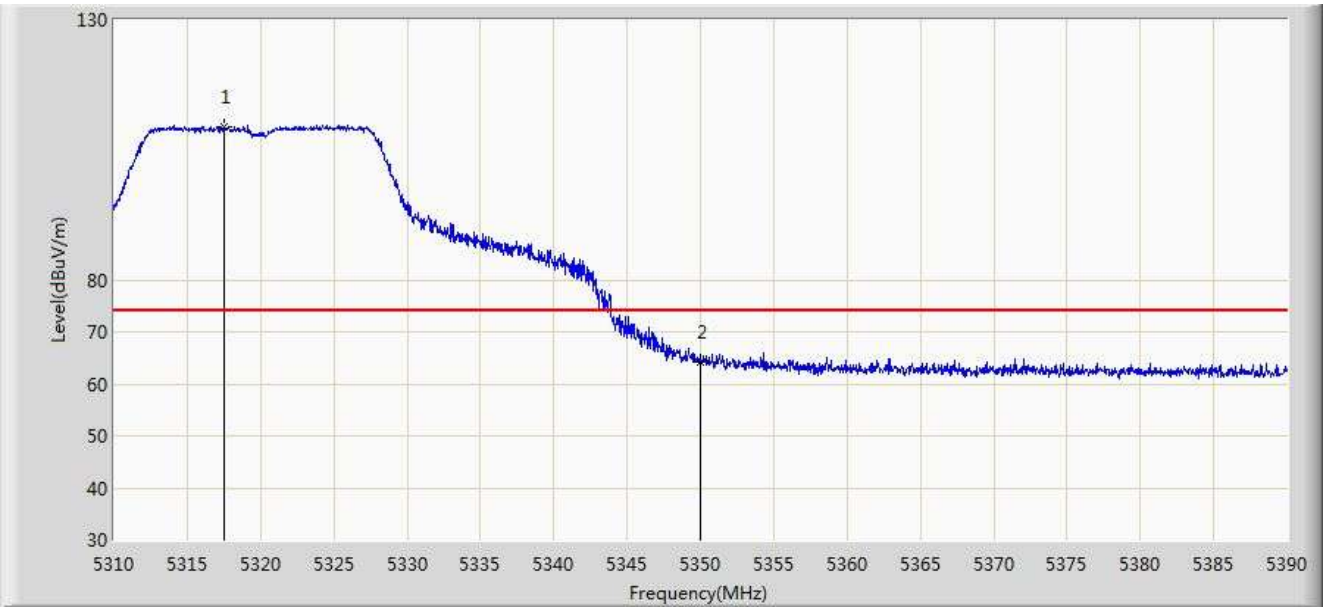


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.400	89.252	52.031	N/A	N/A	37.222	AV
2			5350.000	50.618	13.332	-3.382	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a Ant 0	

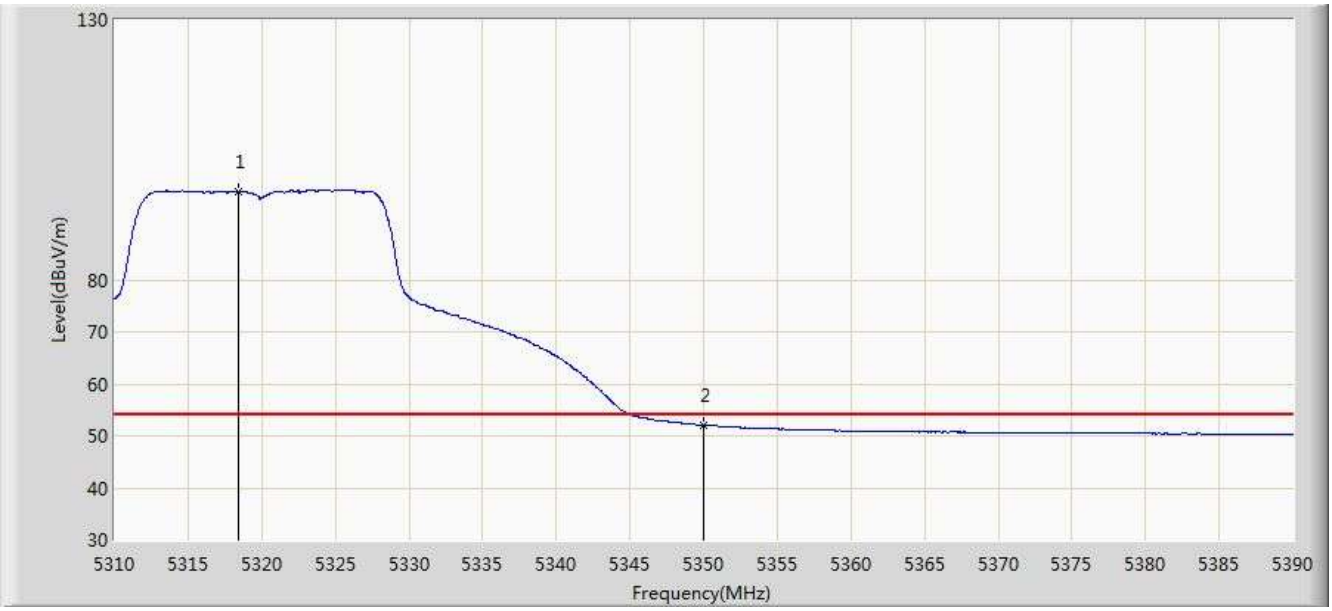


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.480	109.383	72.174	N/A	N/A	37.209	PK
2			5350.000	64.072	26.786	-9.928	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a Ant 0	

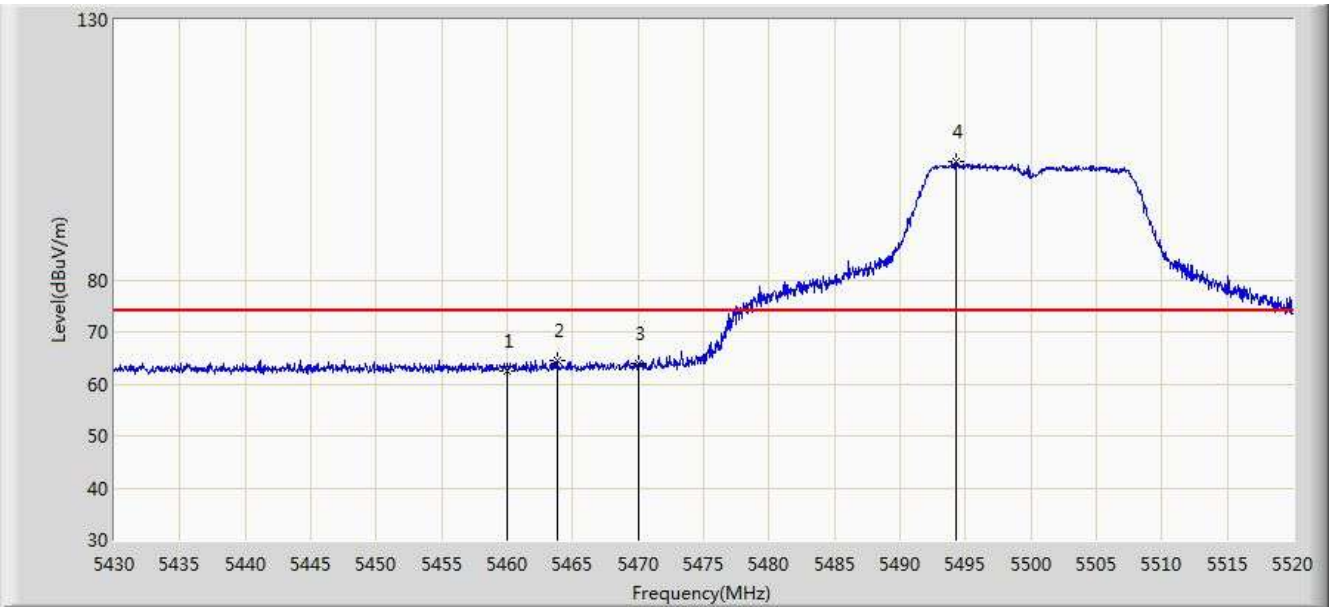


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.400	96.954	59.743	N/A	N/A	37.211	AV
2			5350.000	52.056	14.770	-1.944	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11a Ant 0	

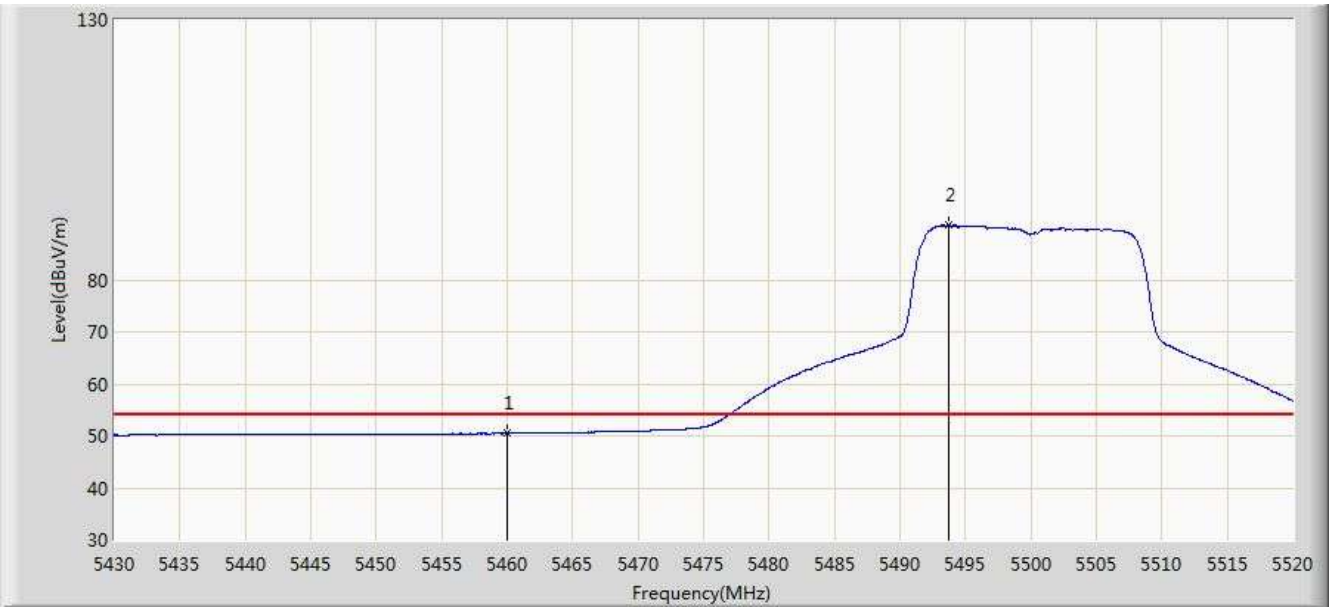


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.446	24.883	-11.554	74.000	37.563	PK
2			5463.795	64.392	26.820	-3.808	68.200	37.573	PK
3			5470.000	63.807	26.218	-4.393	68.200	37.588	PK
4		*	5494.305	102.697	65.079	N/A	N/A	37.618	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11a Ant 0	

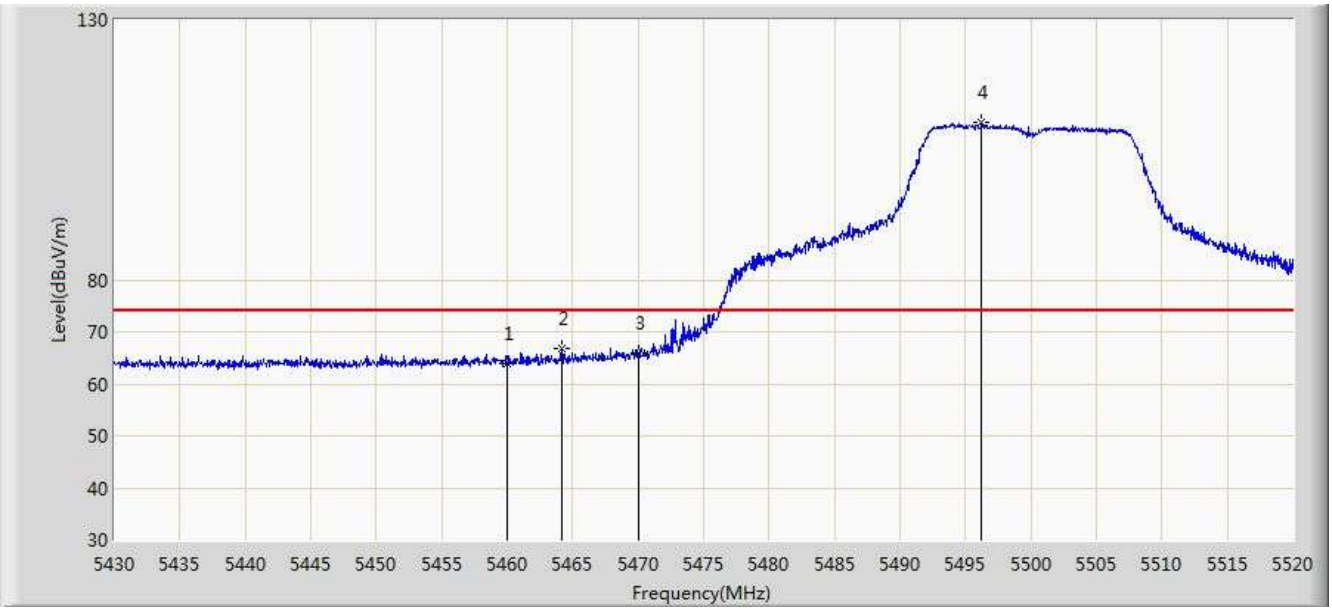


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.477	12.914	-3.523	54.000	37.563	AV
2		*	5493.765	90.470	52.852	N/A	N/A	37.617	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11a Ant 0	

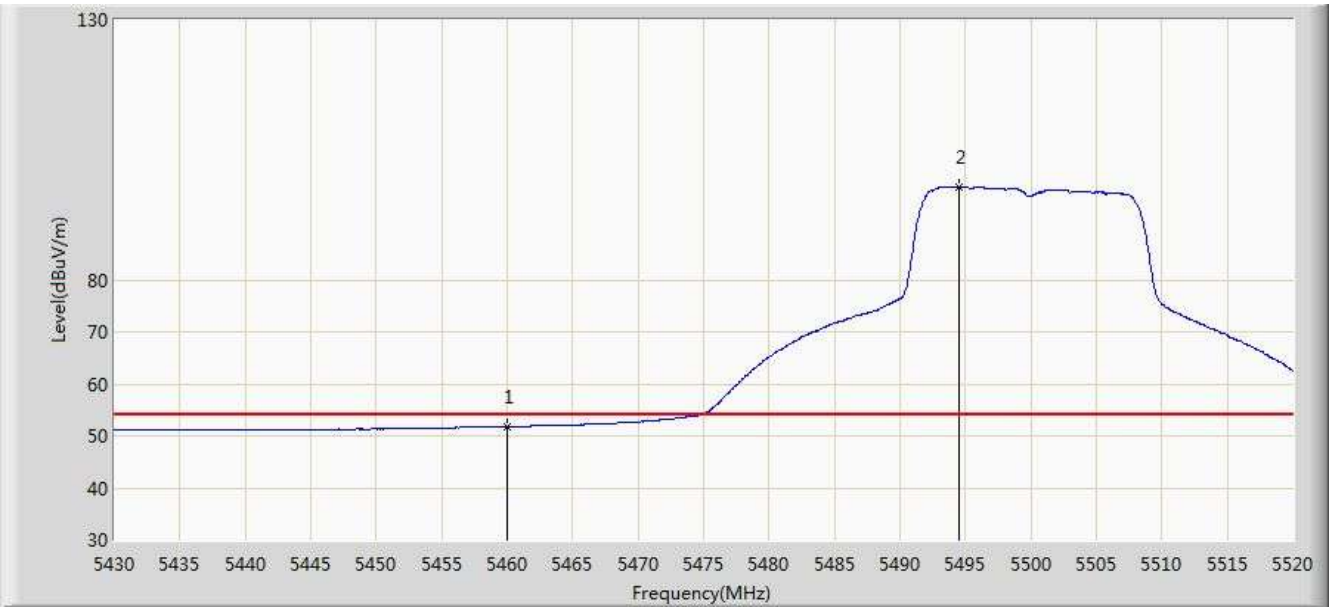


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.935	26.372	-10.065	74.000	37.563	PK
2			5464.155	66.696	29.123	-1.504	68.200	37.573	PK
3			5470.000	65.874	28.285	-2.326	68.200	37.588	PK
4		*	5496.195	110.348	72.728	N/A	N/A	37.620	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/23 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11a Ant 0	

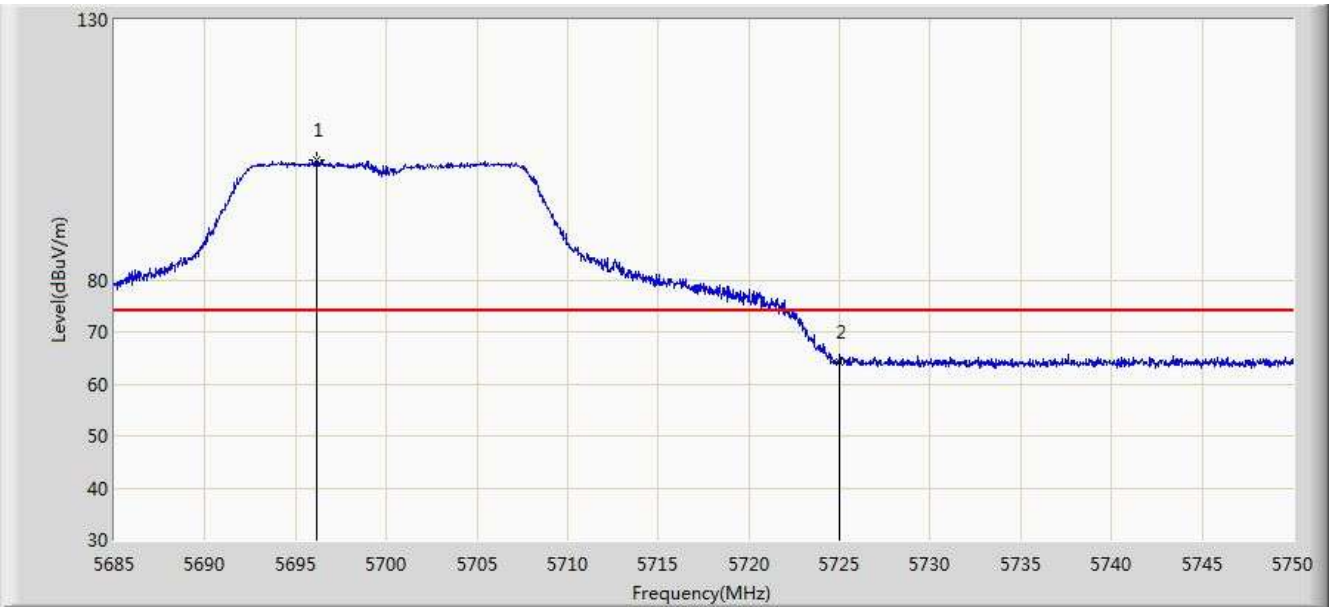


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.778	14.215	-2.222	54.000	37.563	AV
2		*	5494.485	97.910	60.292	N/A	N/A	37.618	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11a Ant 0	

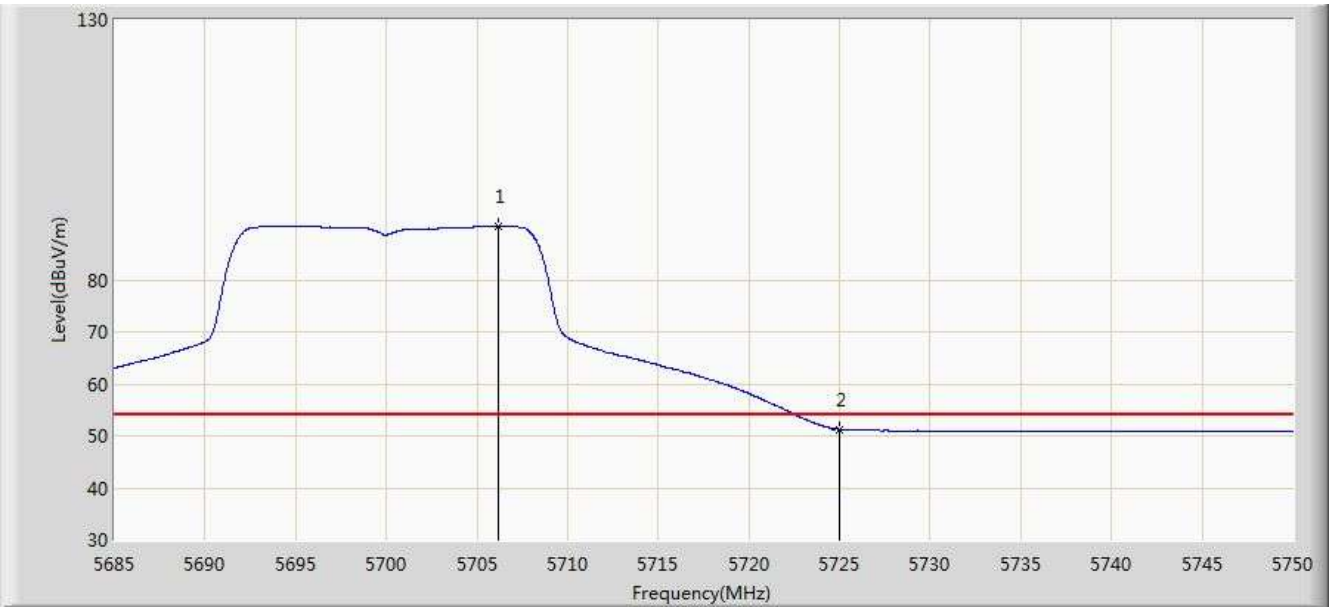


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.147	102.902	65.019	N/A	N/A	37.883	PK
2			5725.000	64.340	26.350	-9.660	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11a Ant 0	

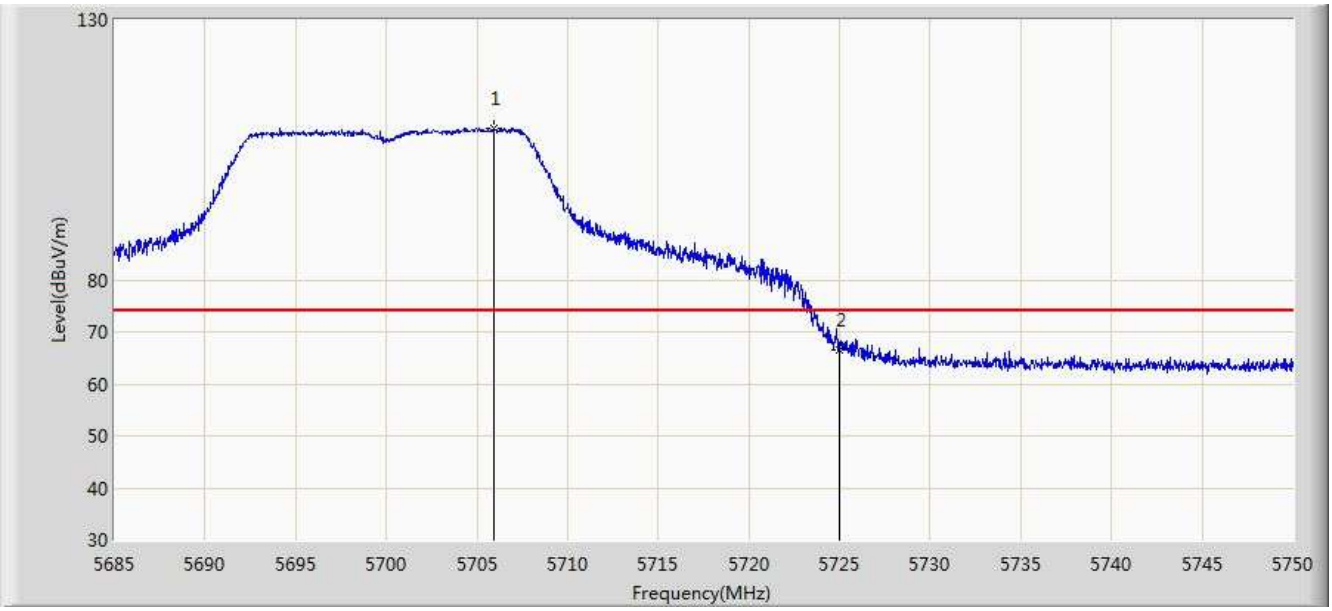


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.190	90.340	52.427	N/A	N/A	37.913	AV
2			5725.000	51.262	13.272	-2.738	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11a Ant 0	

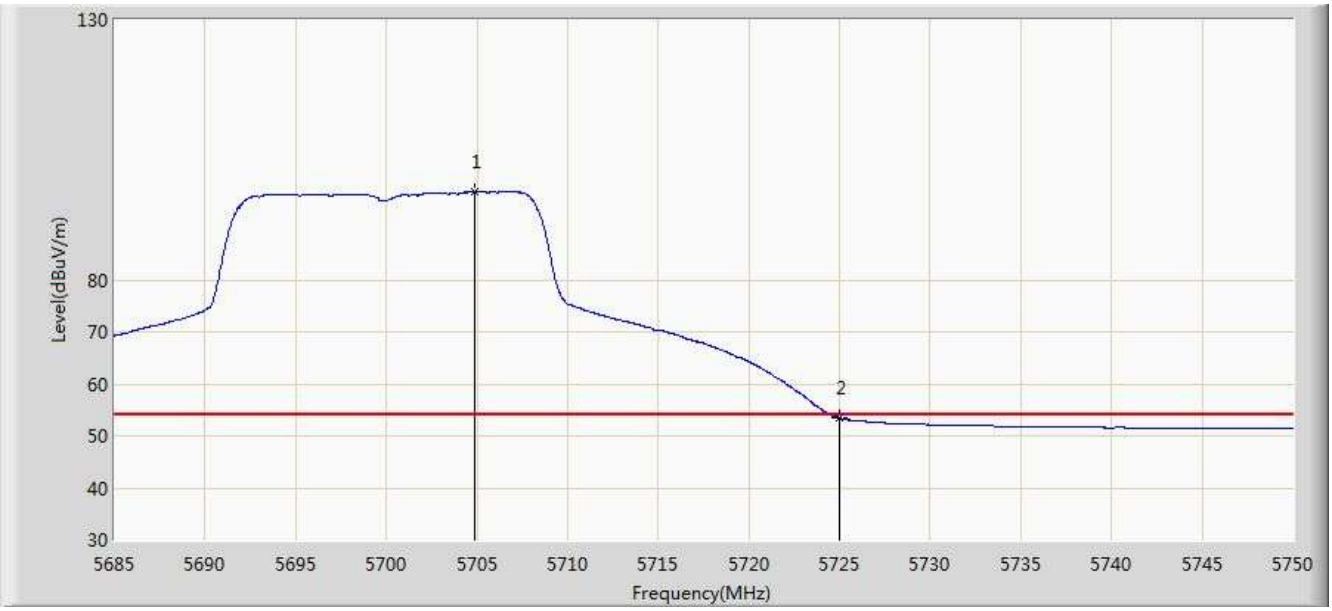


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.962	109.078	71.166	N/A	N/A	37.913	PK
2			5725.000	66.637	28.647	-7.363	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11a Ant 0	

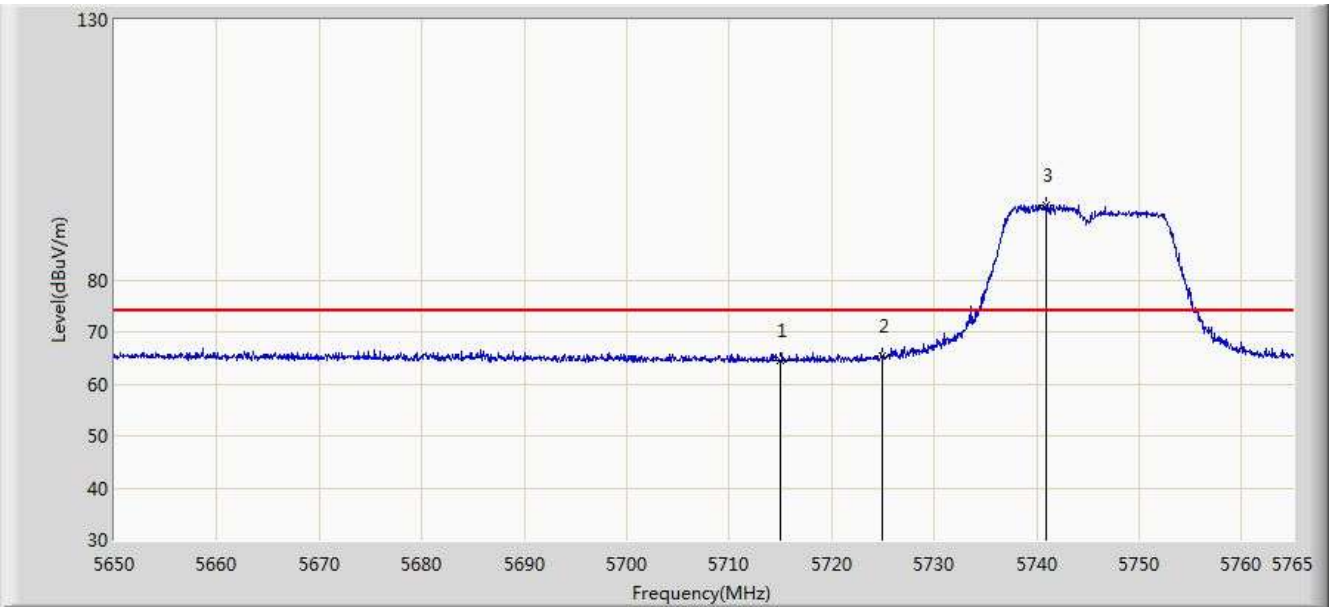


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.857	96.938	59.031	N/A	N/A	37.907	AV
2			5725.000	53.392	15.402	-0.608	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 22:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11a Ant 0	

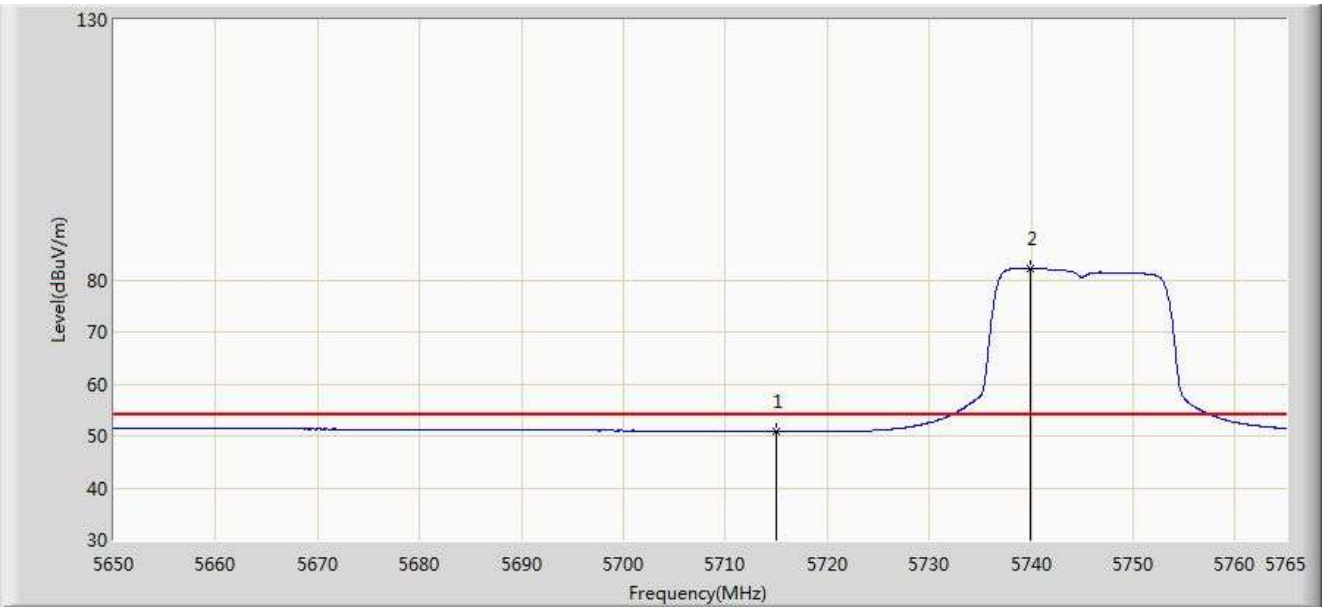


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.389	26.440	-9.611	74.000	37.949	PK
2			5725.000	65.330	27.340	-4.470	78.200	37.990	PK
3		*	5740.908	94.465	56.411	N/A	N/A	38.054	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 23:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11a Ant 0	

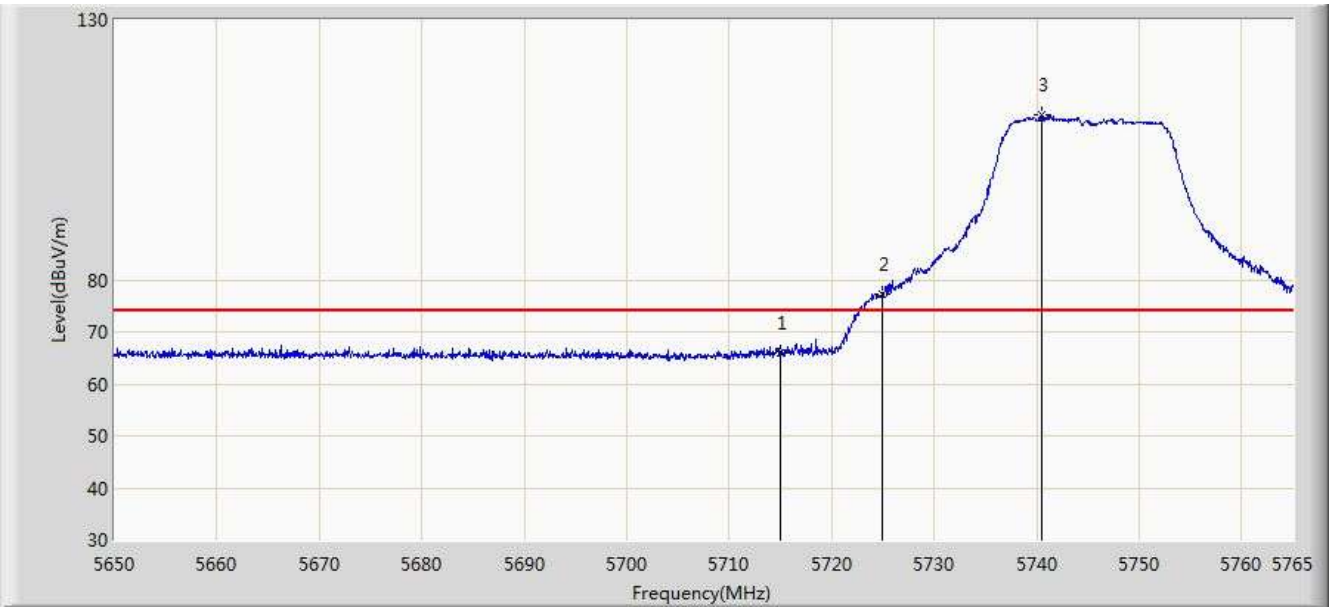


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.860	12.911	-3.140	54.000	37.949	AV
2		*	5739.873	82.175	44.124	N/A	N/A	38.050	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11a Ant 0	

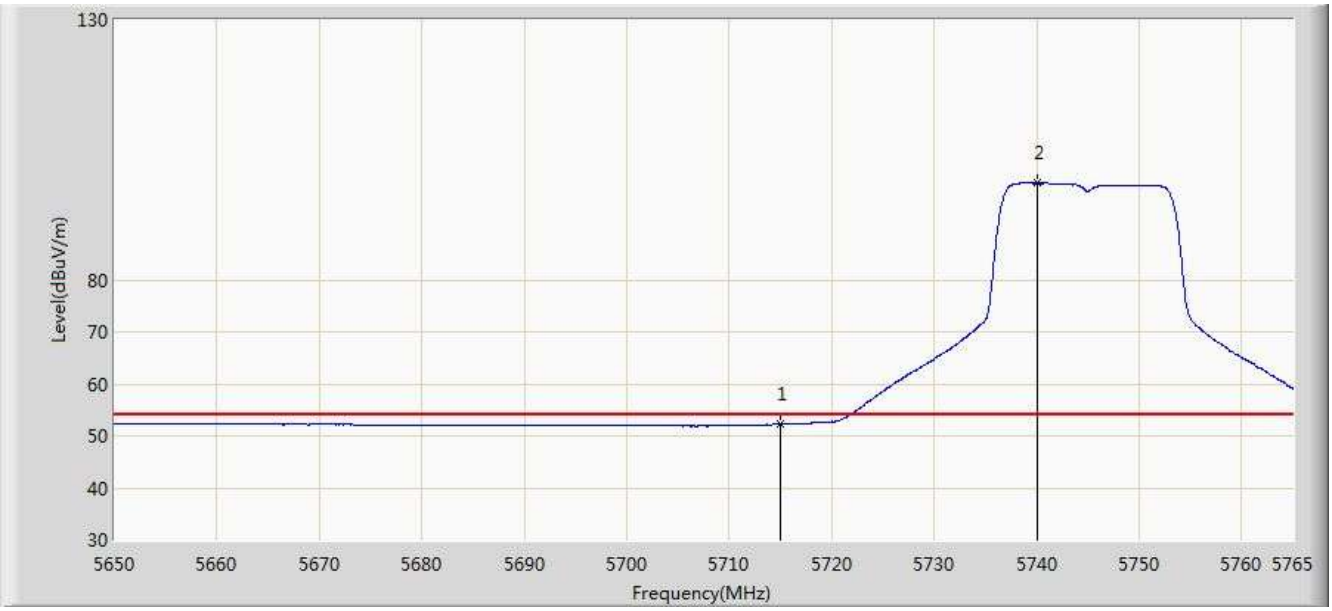


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.908	27.959	-8.092	74.000	37.949	PK
2			5725.000	77.268	39.278	-0.932	78.200	37.990	PK
3		*	5740.447	111.645	73.592	N/A	N/A	38.052	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 22:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11a Ant 0	

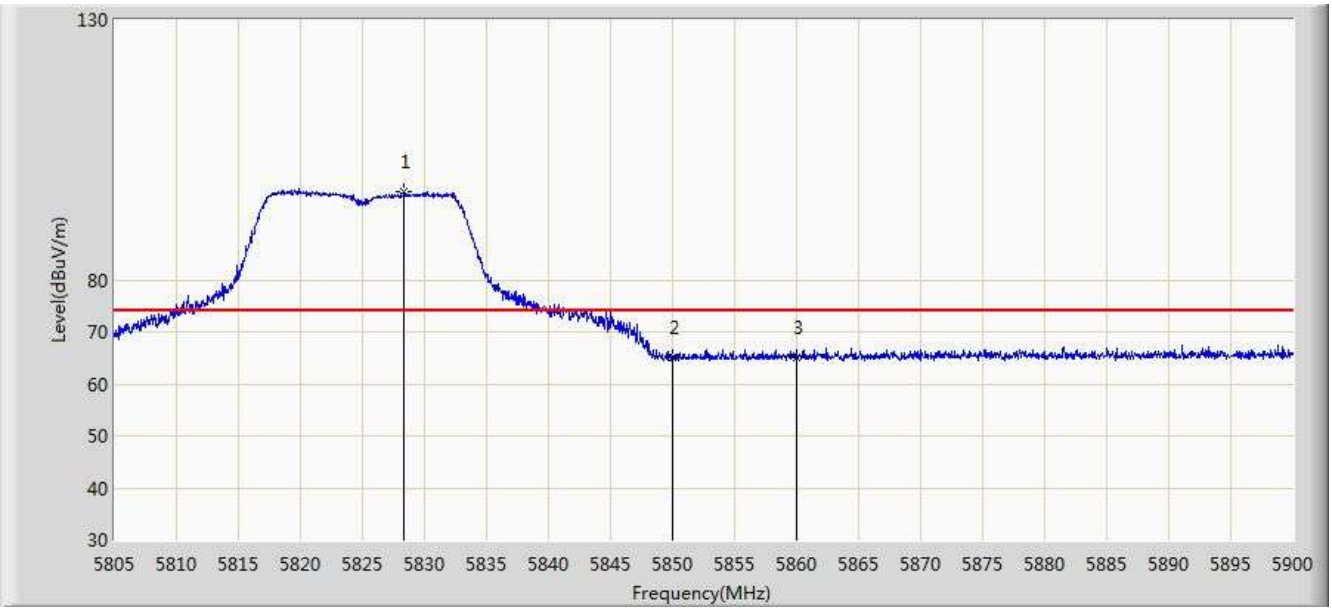


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.237	14.288	-1.763	54.000	37.949	AV
2		*	5740.103	98.589	60.538	N/A	N/A	38.051	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11a Ant 0	

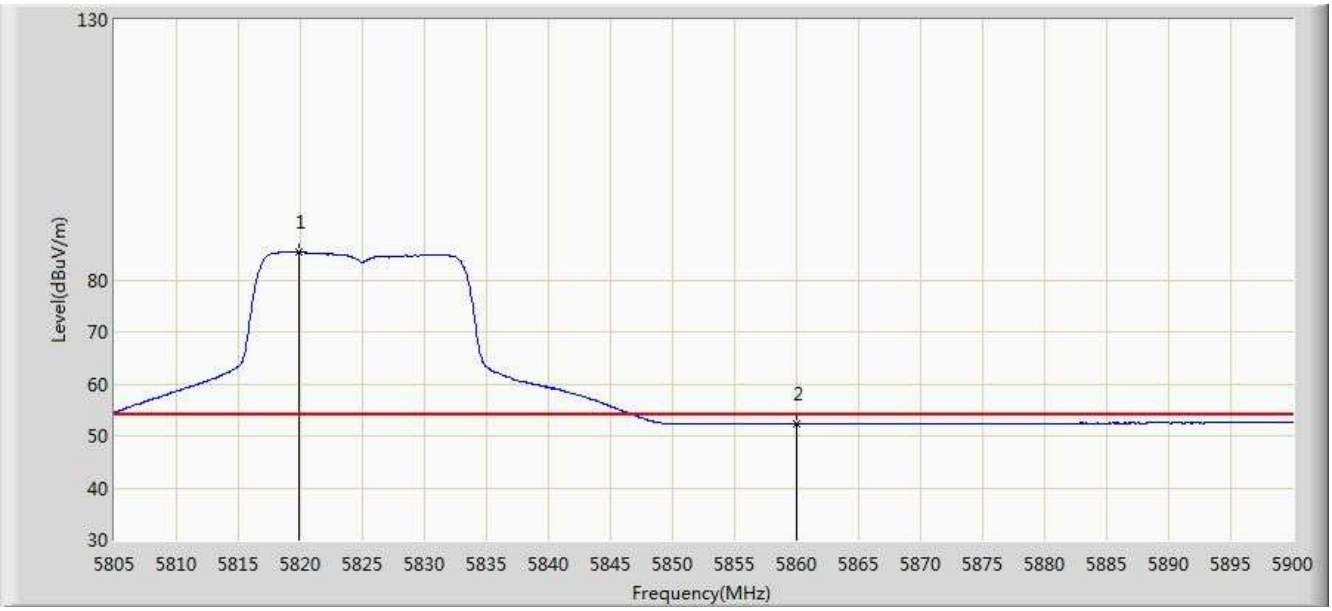


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.322	96.929	58.560	N/A	N/A	38.369	PK
2			5850.000	65.049	26.596	-13.151	78.200	38.454	PK
3			5860.000	65.208	26.730	-8.792	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 23:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11a Ant 0	

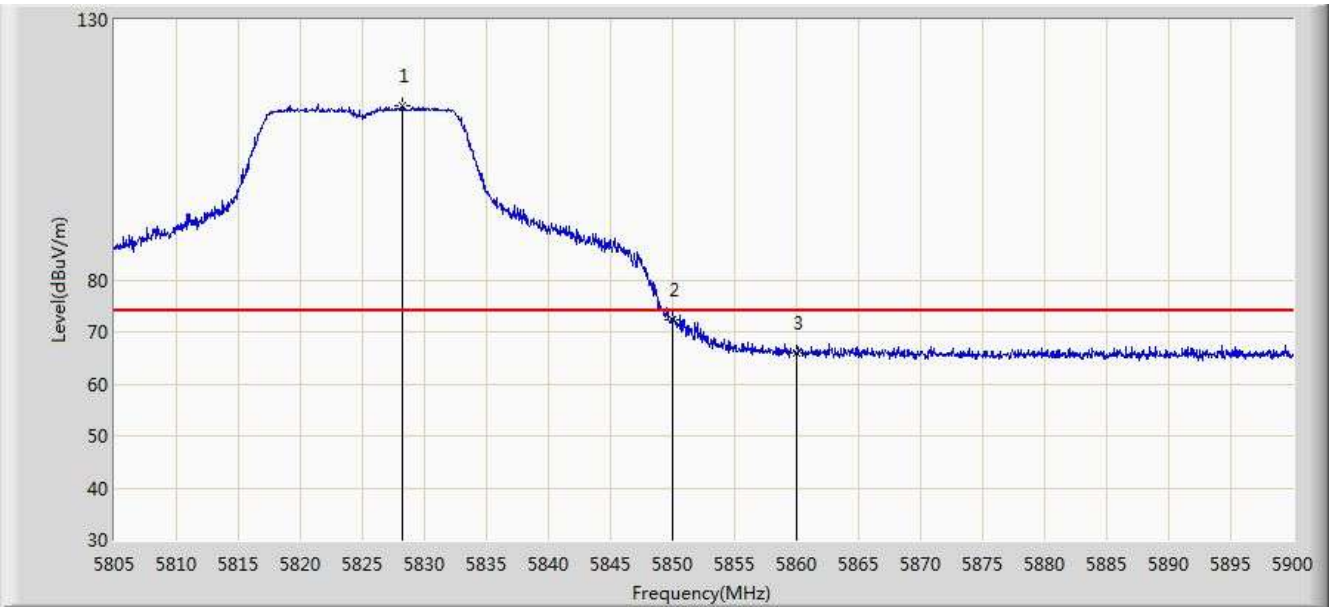


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	85.315	46.981	N/A	N/A	38.335	AV
2			5860.000	52.276	13.798	-1.724	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 23:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11a Ant 0	

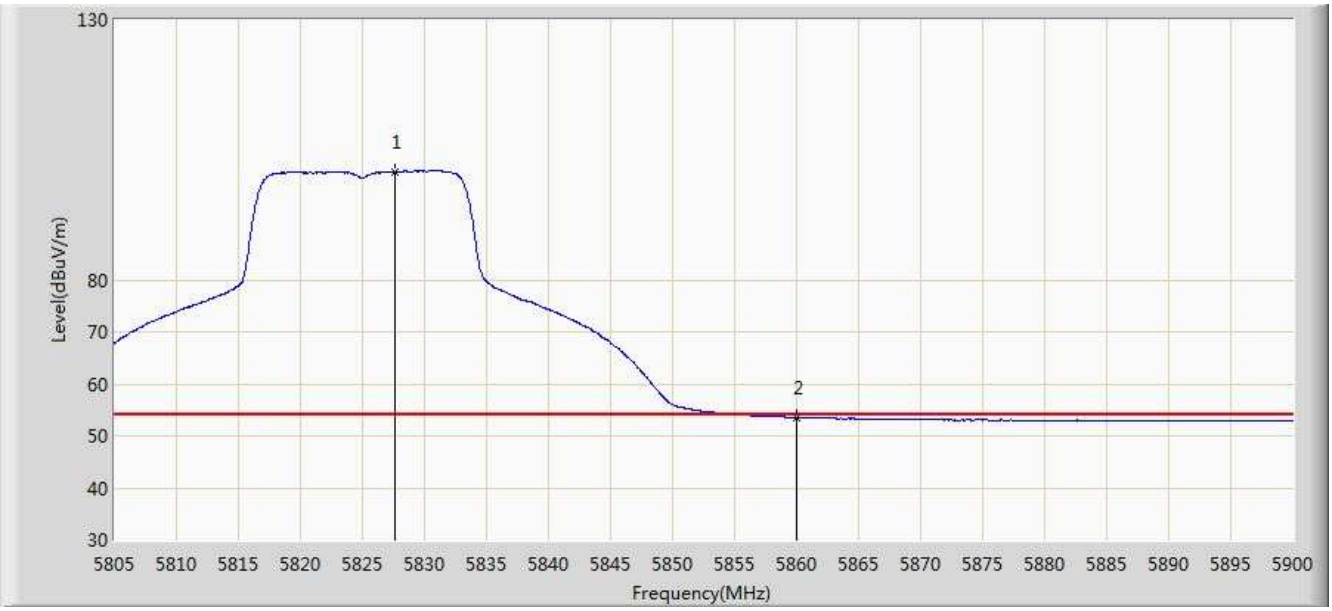


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.228	113.590	75.221	N/A	N/A	38.369	PK
2			5850.000	72.356	33.903	-5.844	78.200	38.454	PK
3			5860.000	65.974	27.496	-8.026	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/05 - 23:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11a Ant 0 Power=20	

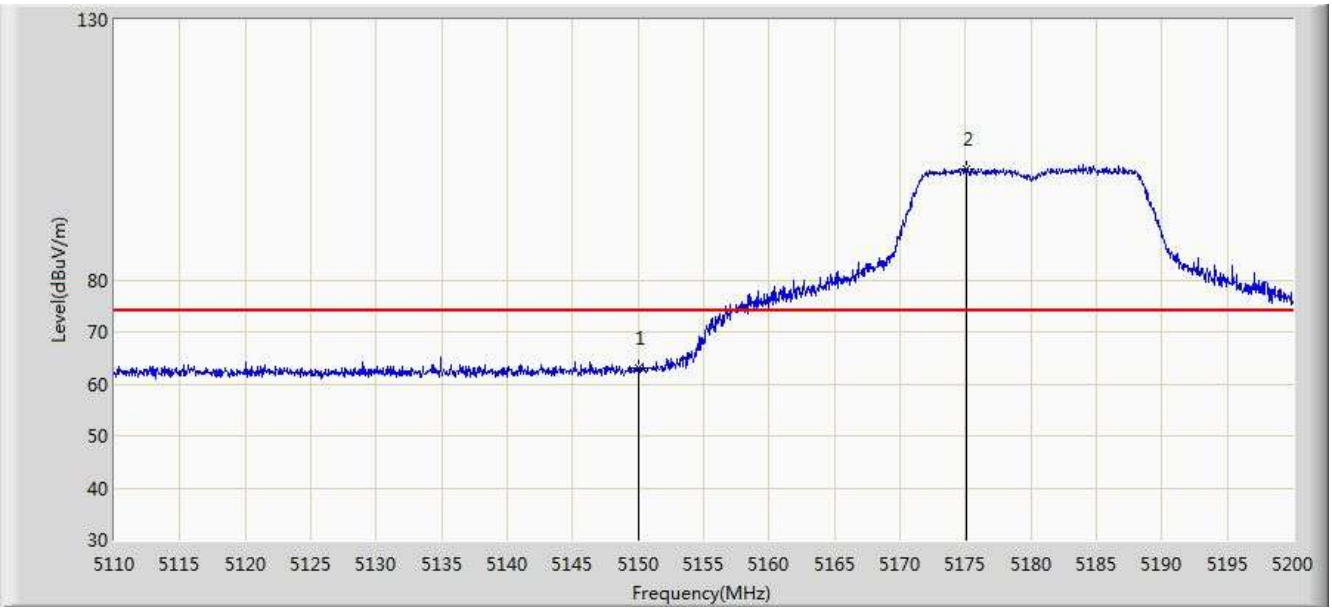


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.562	100.778	62.412	N/A	N/A	38.367	AV
2			5860.000	53.573	15.095	-0.427	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n20 Ant 0	

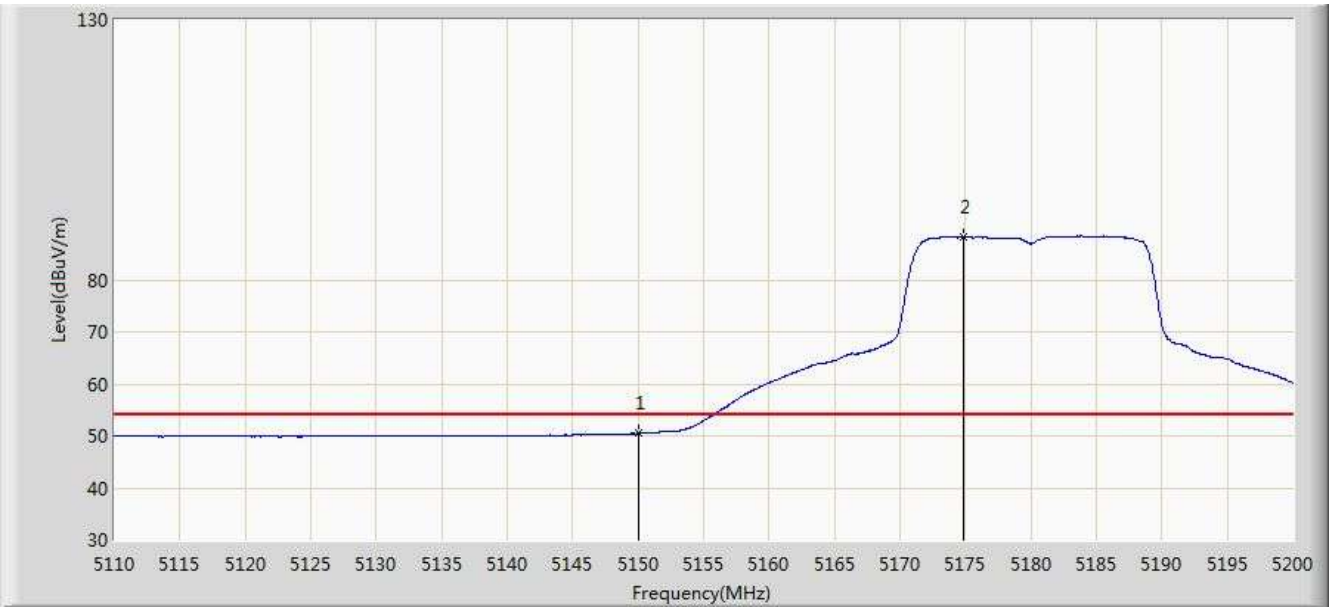


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.140	25.688	-10.860	74.000	37.452	PK
2		*	5175.025	101.398	64.013	N/A	N/A	37.385	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n20 Ant 0	

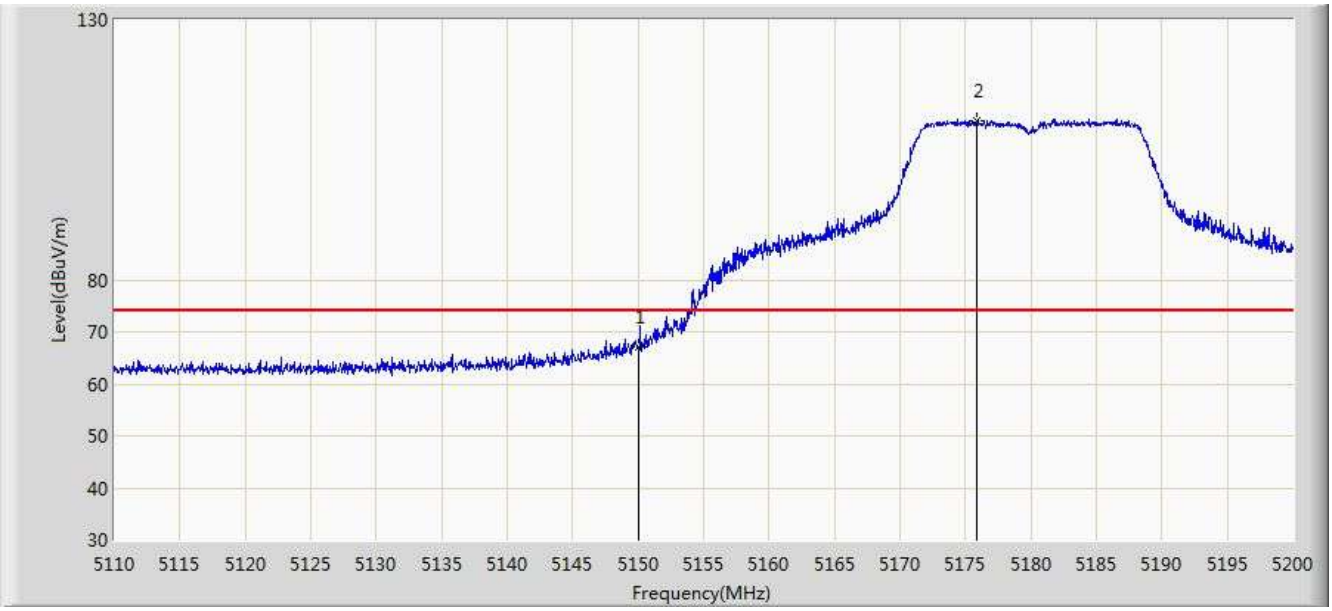


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.467	13.015	-3.533	54.000	37.452	AV
2		*	5174.890	88.236	50.851	N/A	N/A	37.386	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n20 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.188	29.736	-6.812	74.000	37.452	PK
2		*	5175.880	110.699	73.316	N/A	N/A	37.383	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

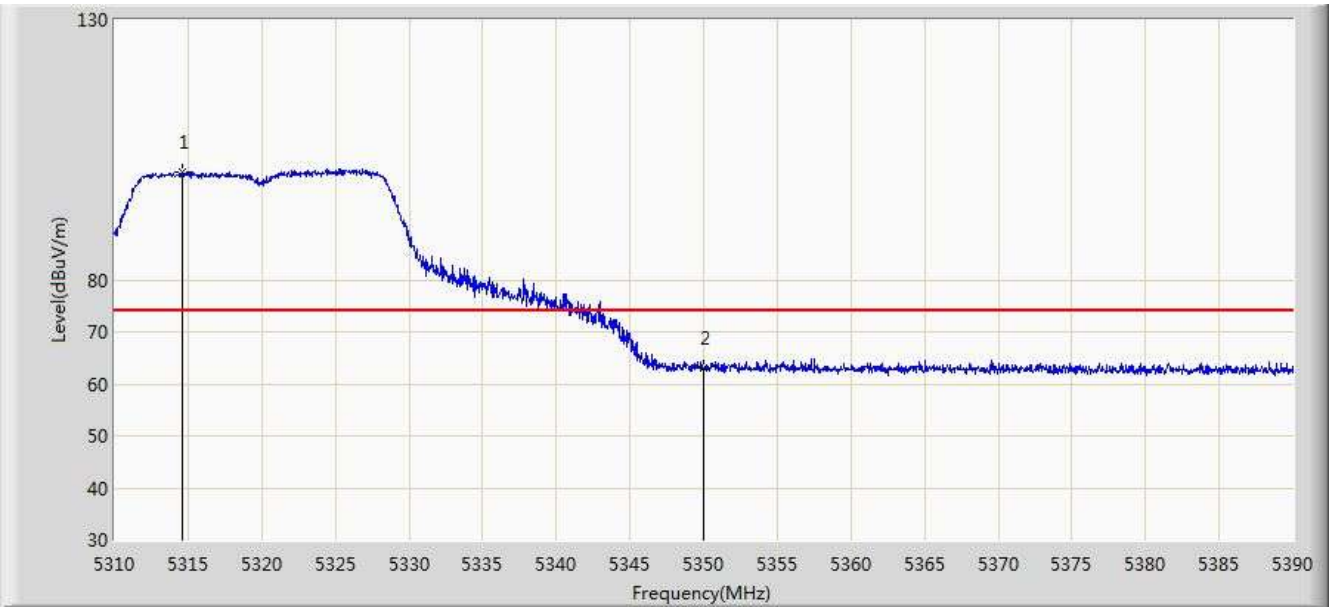
Site: AC1	Time: 2015/04/24 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n20 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.709	16.257	-0.291	54.000	37.452	AV
2		*	5177.545	98.090	60.711	N/A	N/A	37.380	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n20 Ant 0	

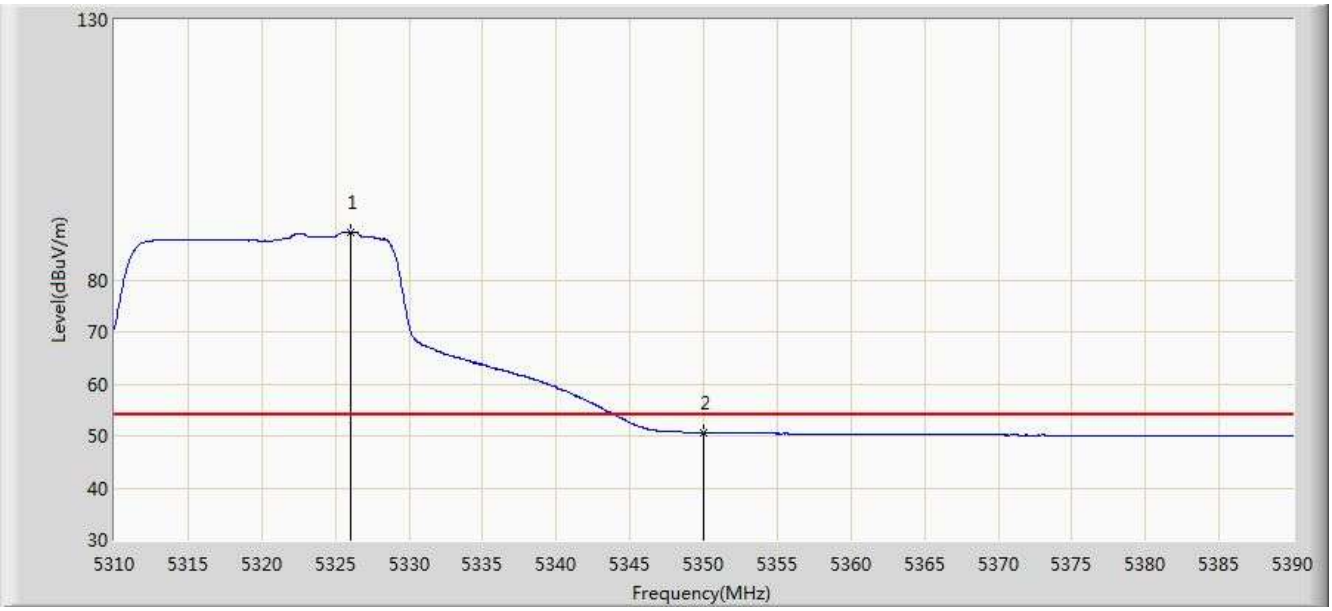


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.640	100.666	63.462	N/A	N/A	37.204	PK
2			5350.000	63.035	25.749	-10.965	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n20 Ant 0	

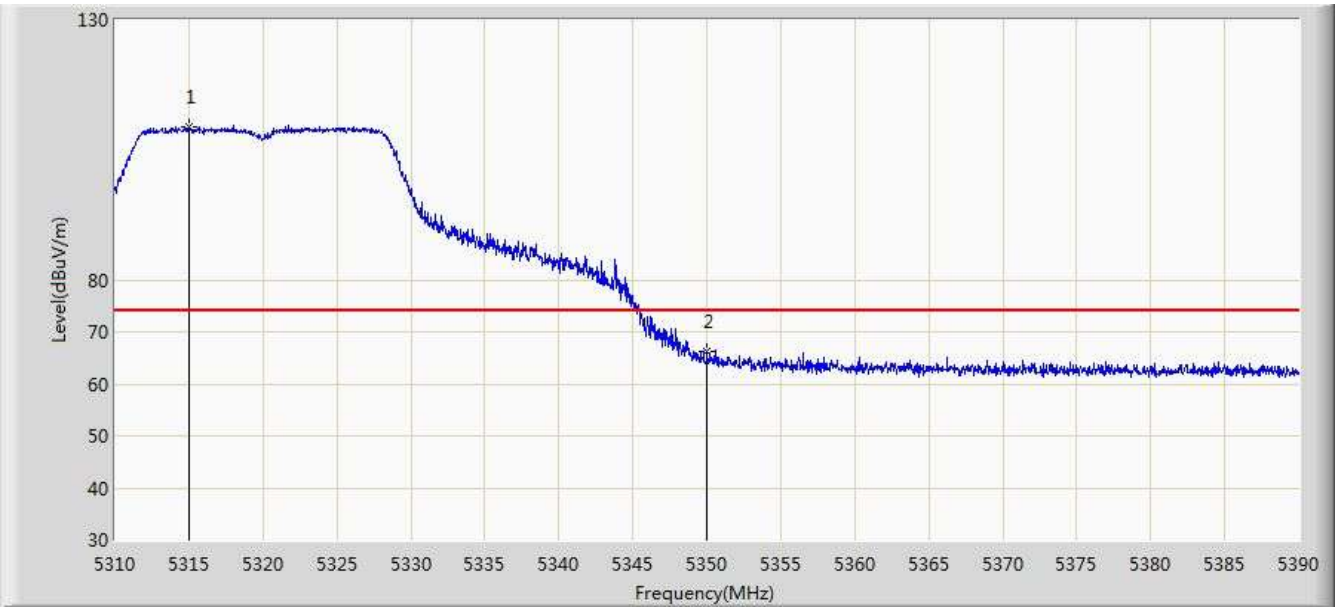


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.000	89.229	52.005	N/A	N/A	37.225	AV
2			5350.000	50.604	13.318	-3.396	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n20 Ant 0	

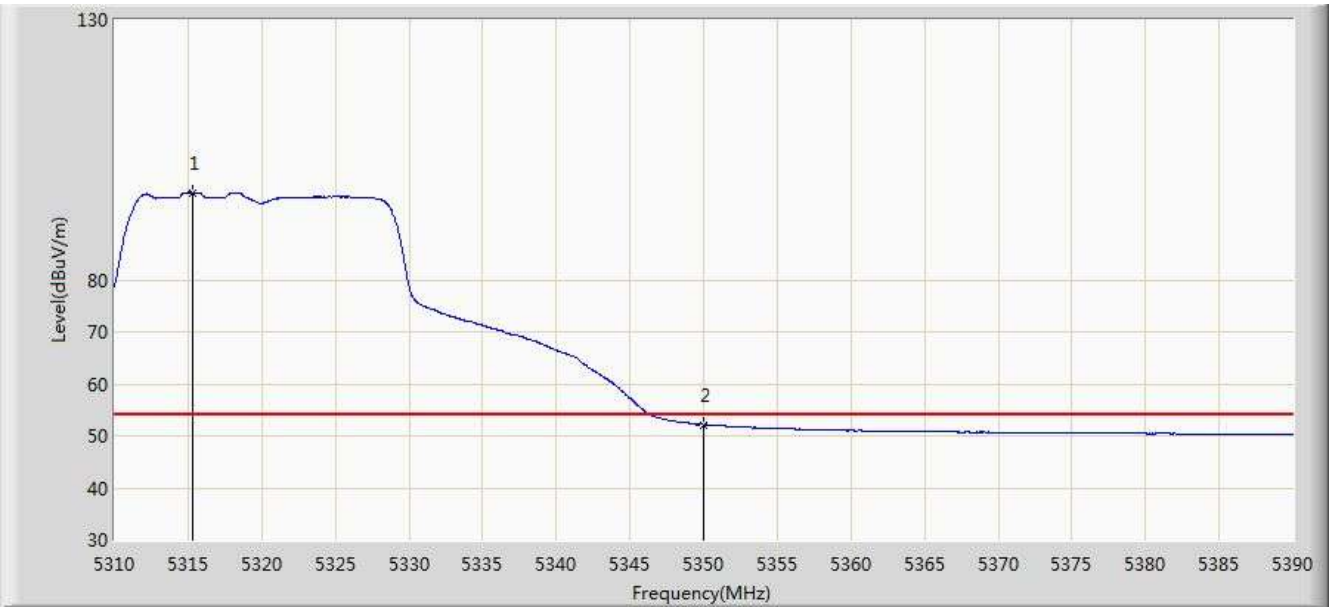


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.000	109.305	72.100	N/A	N/A	37.205	PK
2			5350.000	66.305	29.019	-7.695	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n20 Ant 0	

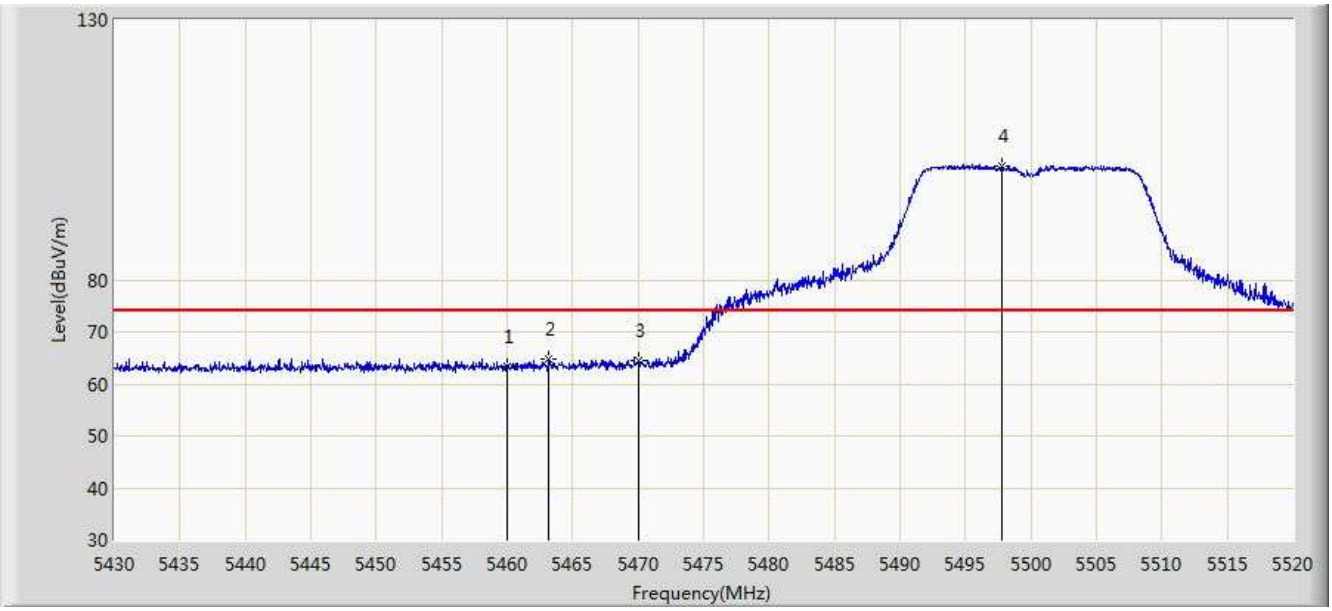


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.320	96.805	59.600	N/A	N/A	37.205	AV
2			5350.000	52.155	14.869	-1.845	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n20 Ant 0	

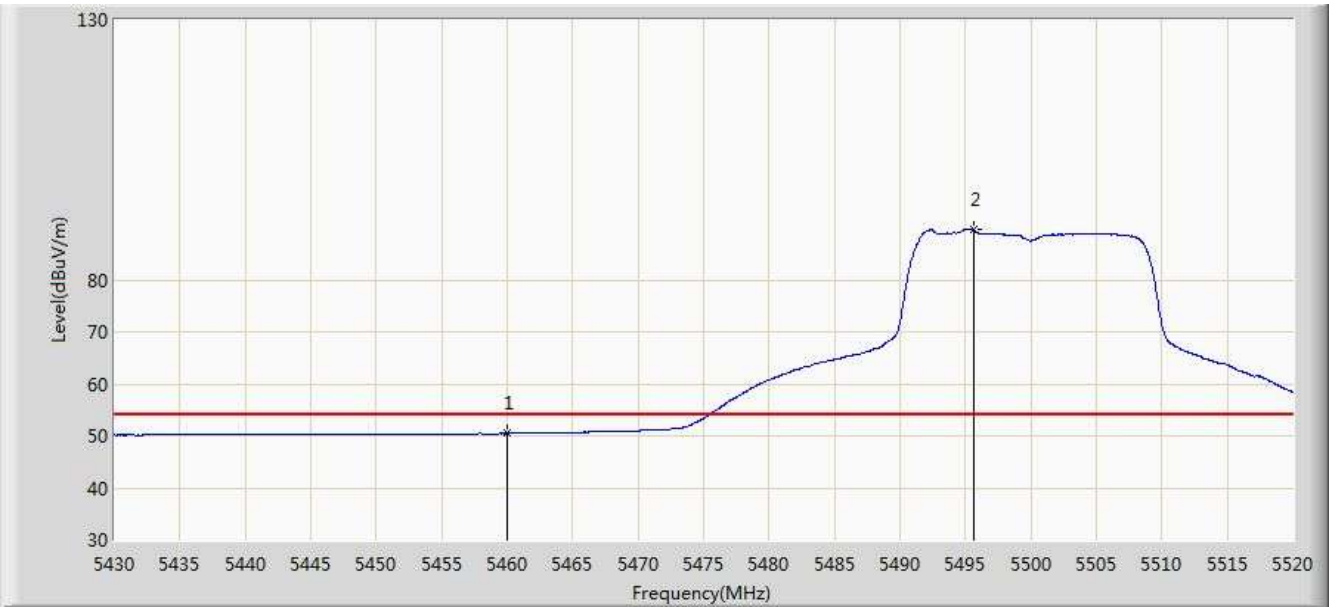


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.240	25.677	-10.760	74.000	37.563	PK
2			5463.210	64.896	27.325	-3.304	68.200	37.571	PK
3			5470.000	64.420	26.831	-3.780	68.200	37.588	PK
4		*	5497.770	101.835	64.213	N/A	N/A	37.622	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n20 Ant 0	

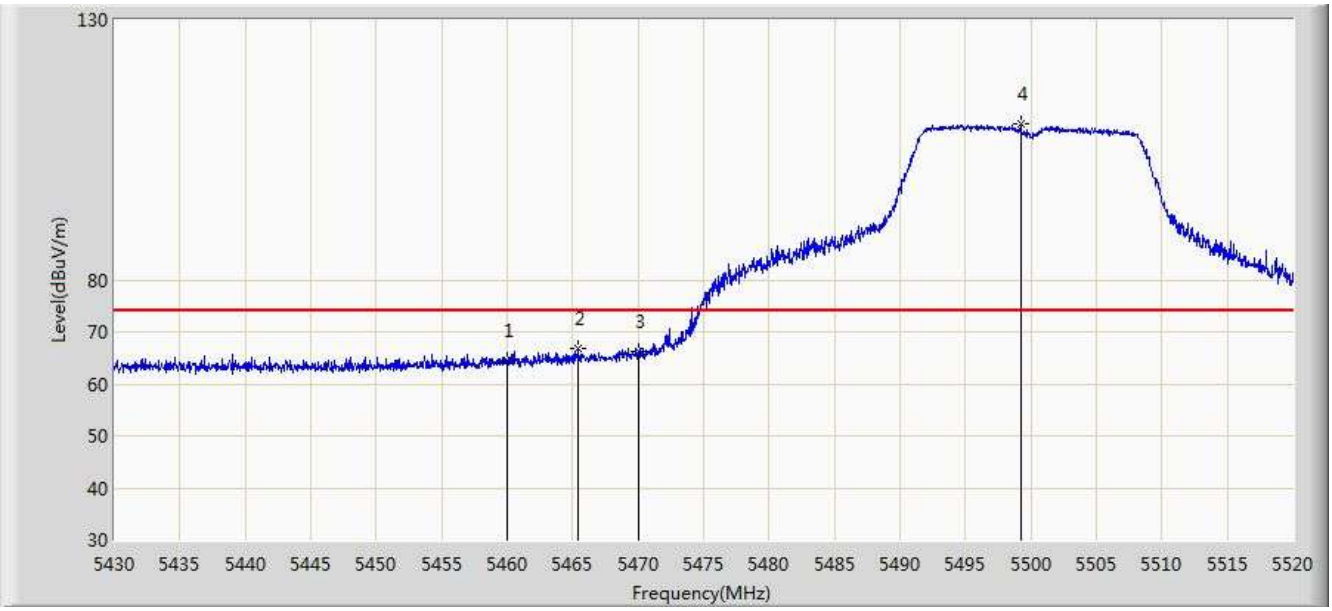


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.481	12.918	-3.519	54.000	37.563	AV
2		*	5495.610	89.681	52.061	N/A	N/A	37.619	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n20 Ant 0	

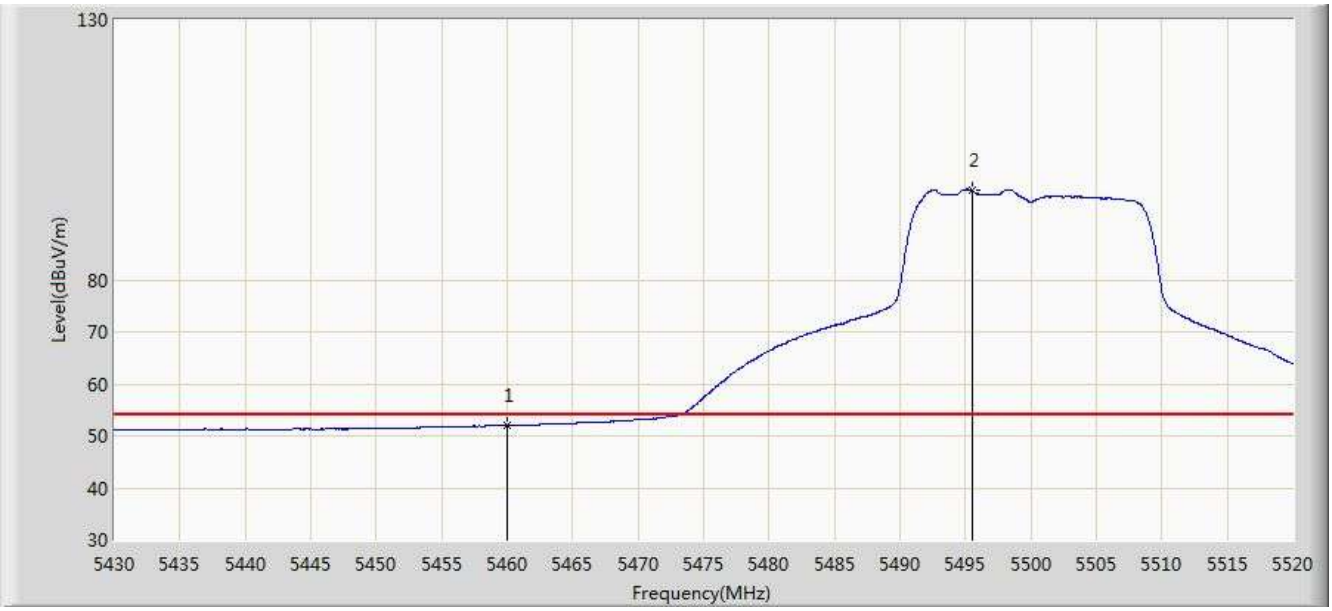


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.474	26.911	-9.526	74.000	37.563	PK
2			5465.460	66.791	29.214	-11.409	78.200	37.577	PK
3			5470.000	66.117	28.528	-12.083	78.200	37.588	PK
4		*	5499.210	110.008	72.384	N/A	N/A	37.624	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n20 Ant 0	

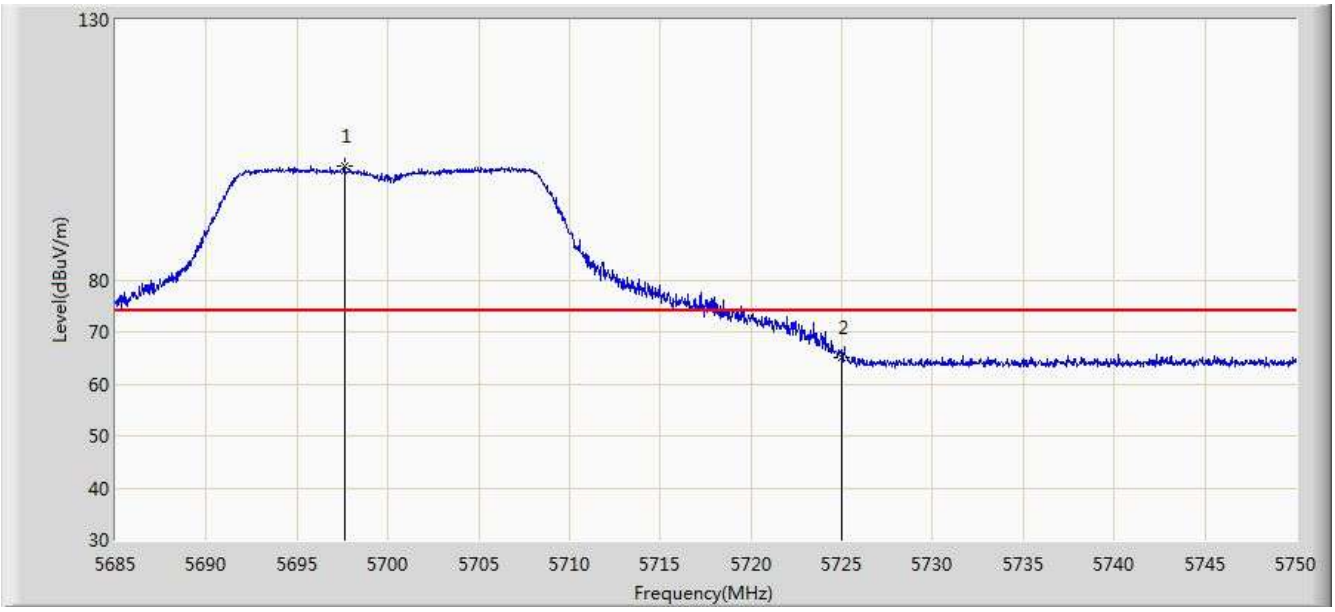


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.001	14.438	-1.999	54.000	37.563	AV
2		*	5495.475	97.371	59.752	N/A	N/A	37.619	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n20 Ant 0	

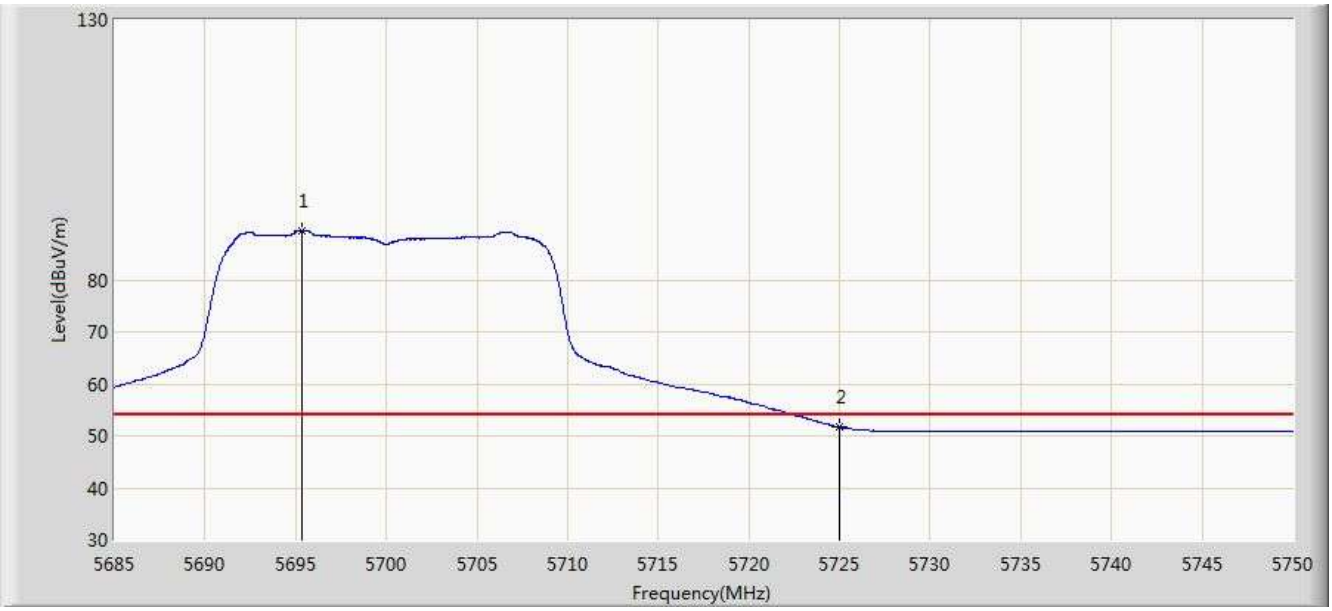


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.610	101.763	63.877	N/A	N/A	37.887	PK
2			5725.000	65.021	27.031	-8.979	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n20 Ant 0	

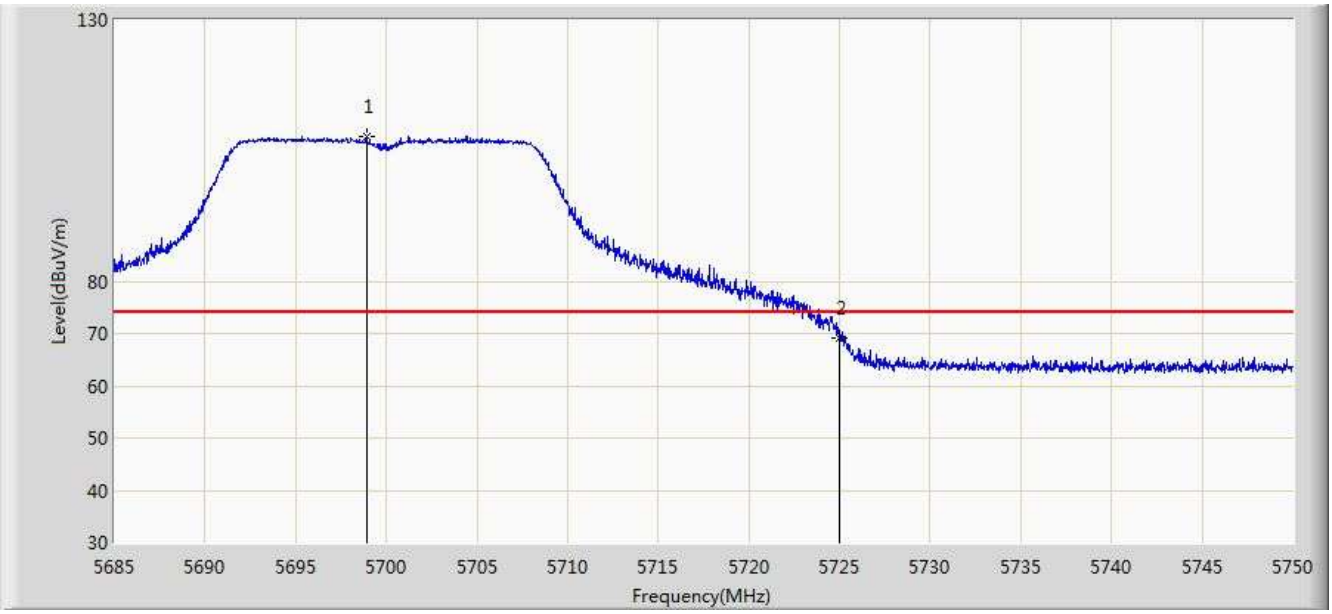


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.368	89.358	51.477	N/A	N/A	37.881	AV
2			5725.000	51.667	13.677	-2.333	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n20 Ant 0	

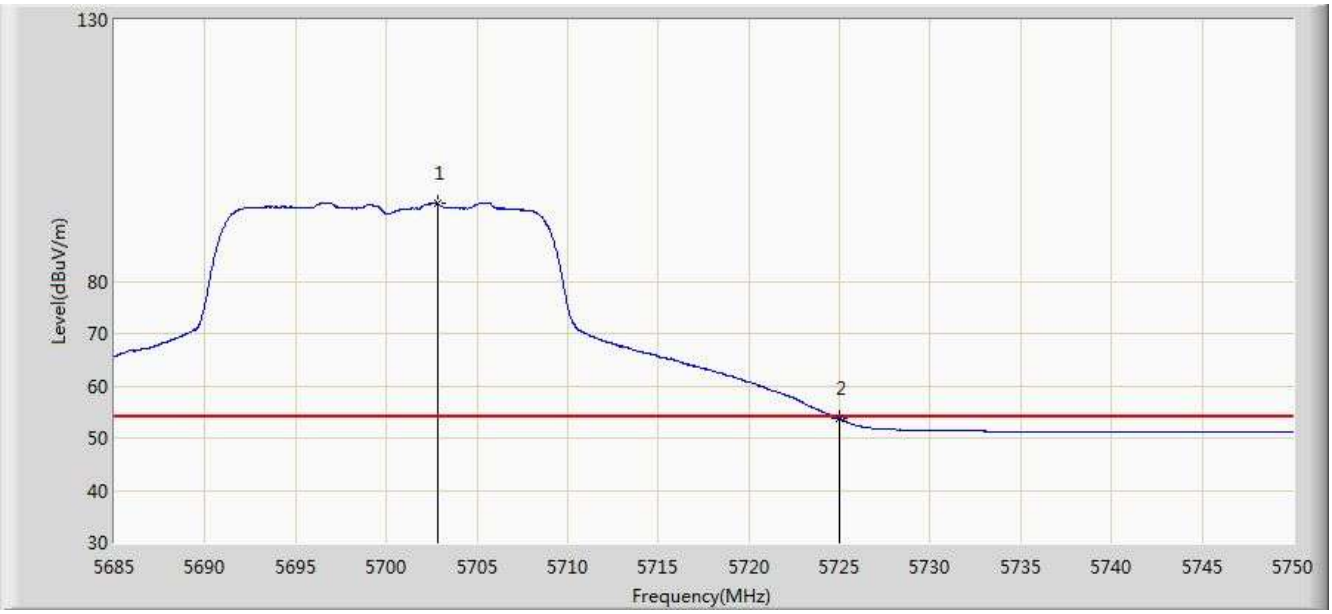


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.910	107.543	69.654	N/A	N/A	37.889	PK
2			5725.000	69.026	31.036	-4.974	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n20 Ant 0	

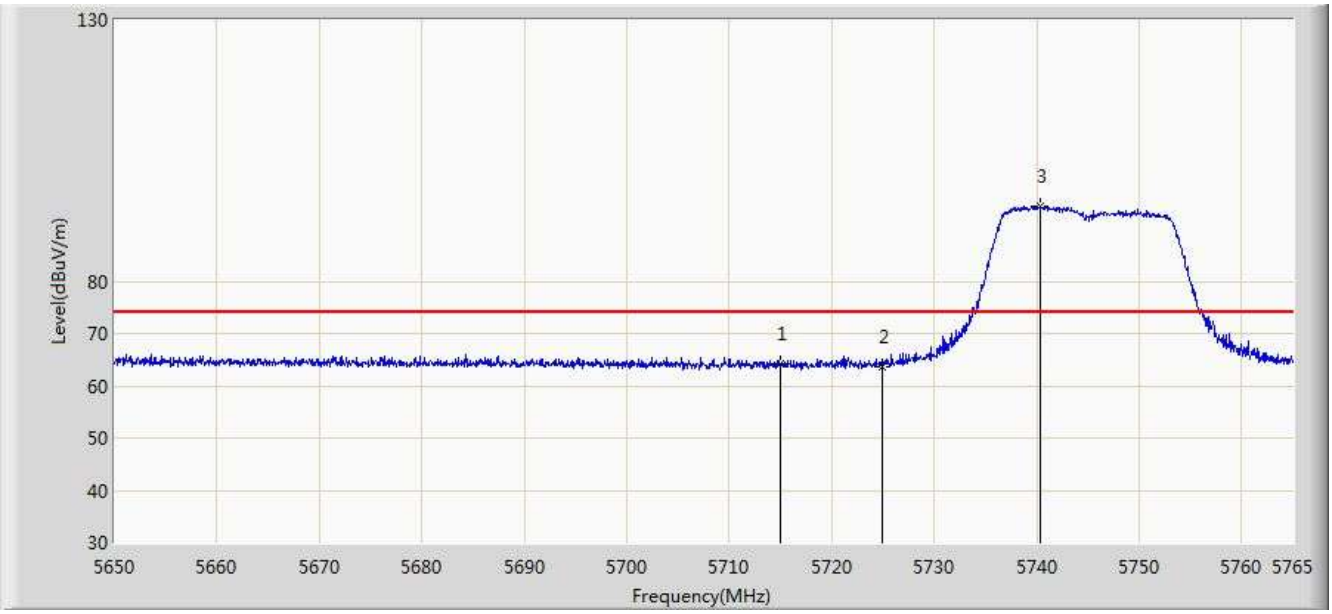


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.842	94.812	56.913	N/A	N/A	37.899	AV
2			5725.000	53.679	15.689	-0.321	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0	

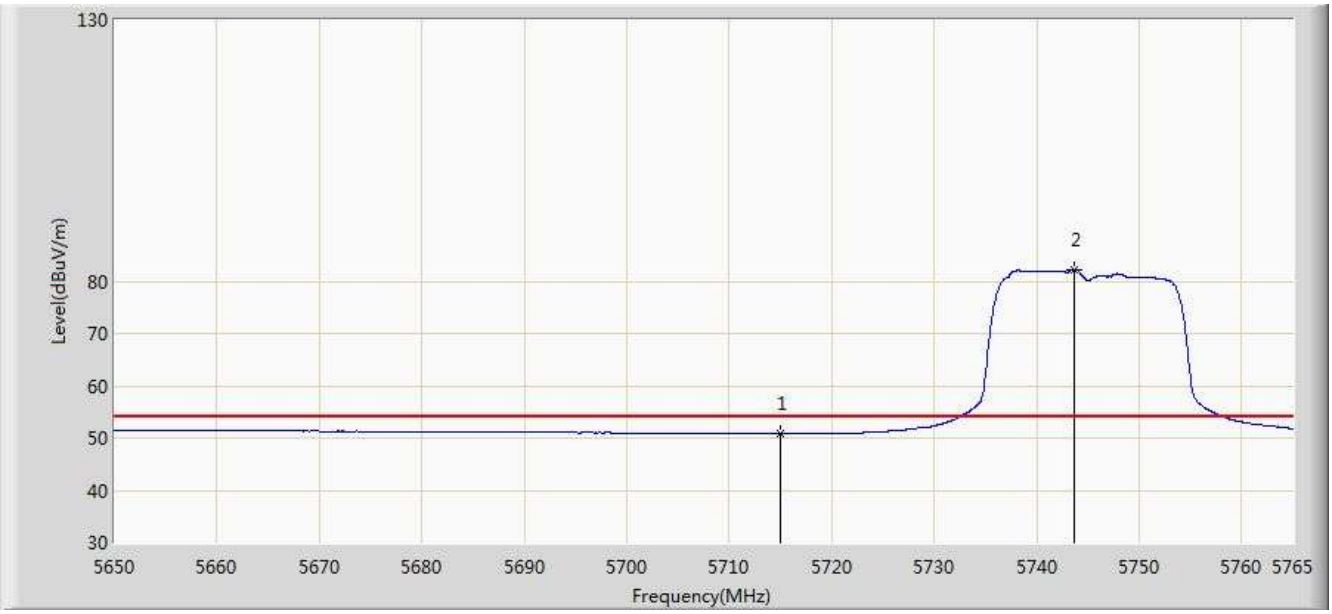


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.145	26.196	-9.855	74.000	37.949	PK
2			5725.000	63.692	25.702	-14.508	78.200	37.990	PK
3		*	5740.333	94.235	56.183	N/A	N/A	38.052	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0	

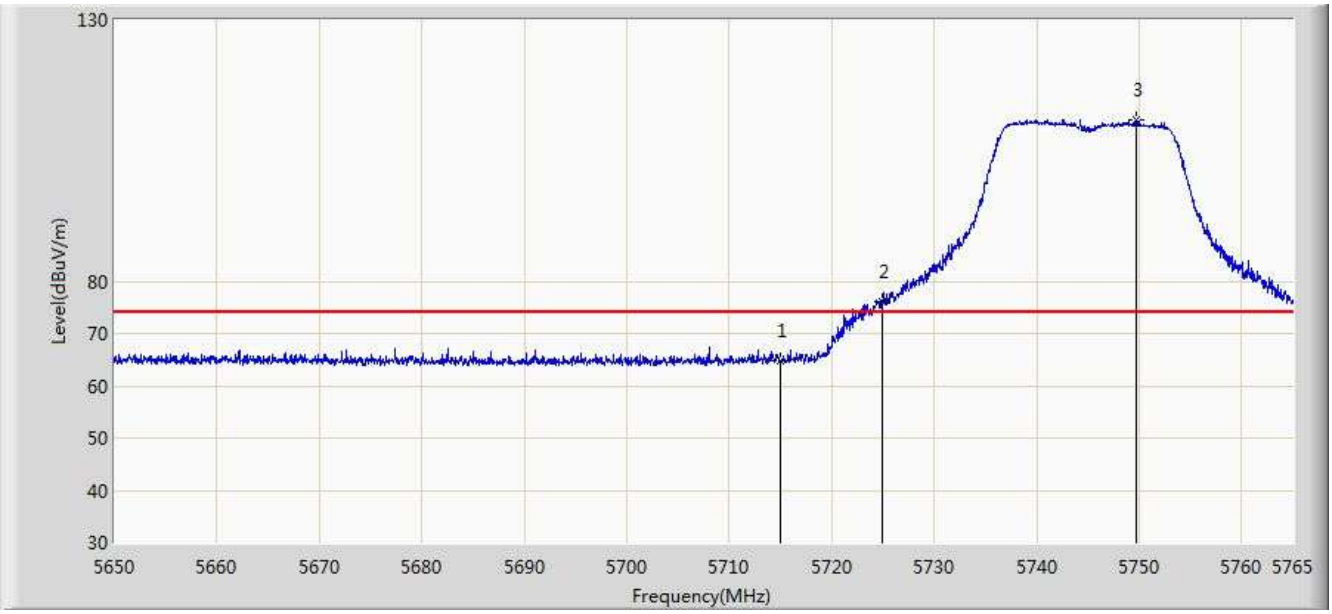


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.850	12.901	-3.150	54.000	37.949	AV
2		*	5743.667	82.218	44.153	N/A	N/A	38.065	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0	

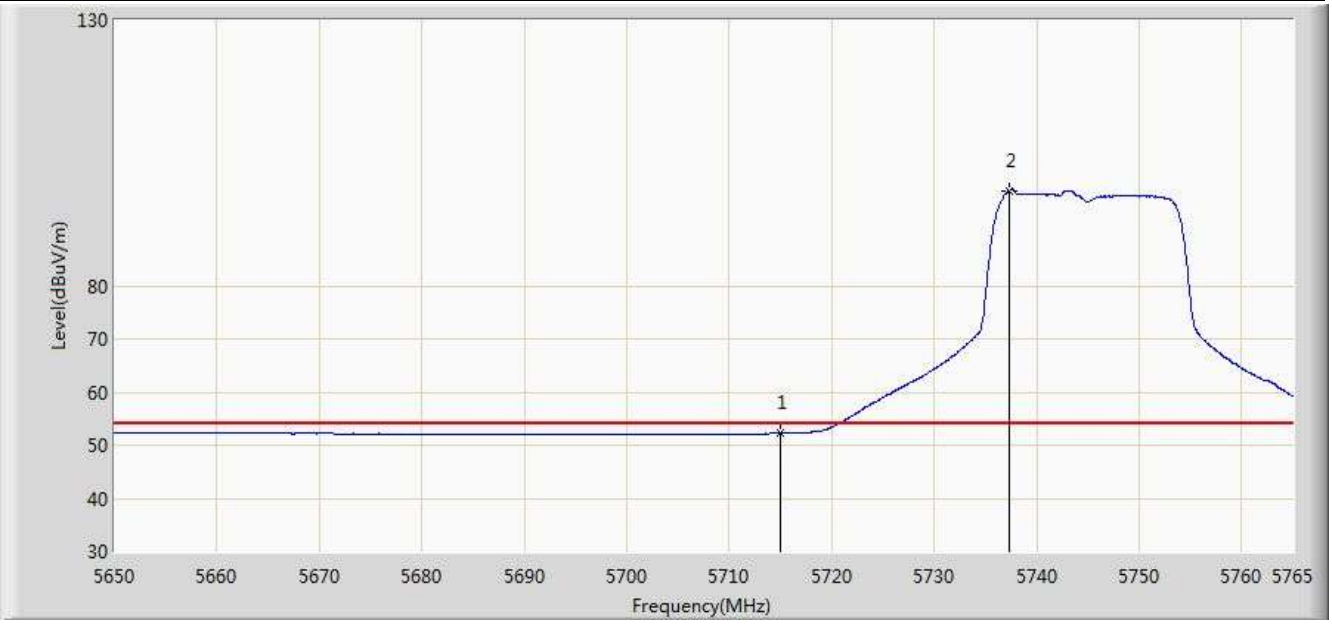


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.713	26.764	-9.287	74.000	37.949	PK
2			5725.000	76.121	38.131	-2.079	78.200	37.990	PK
3		*	5749.763	111.003	72.908	N/A	N/A	38.095	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0	

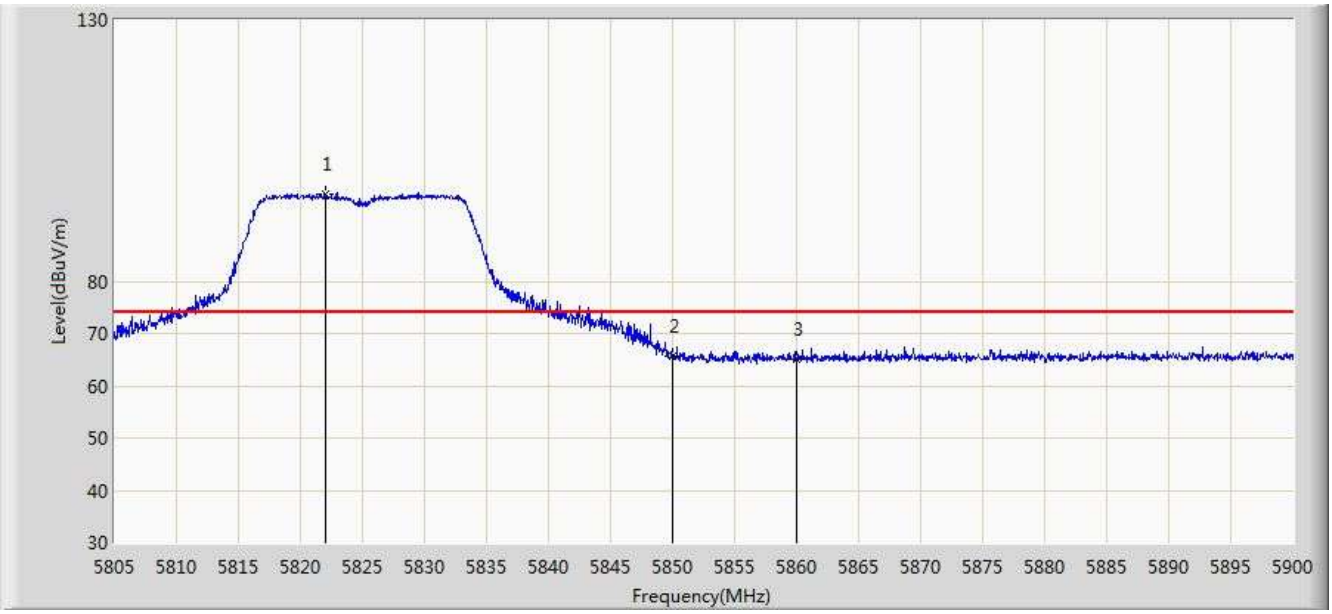


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.238	14.289	-1.762	54.000	37.949	AV
2		*	5737.400	97.937	59.896	N/A	N/A	38.041	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0	

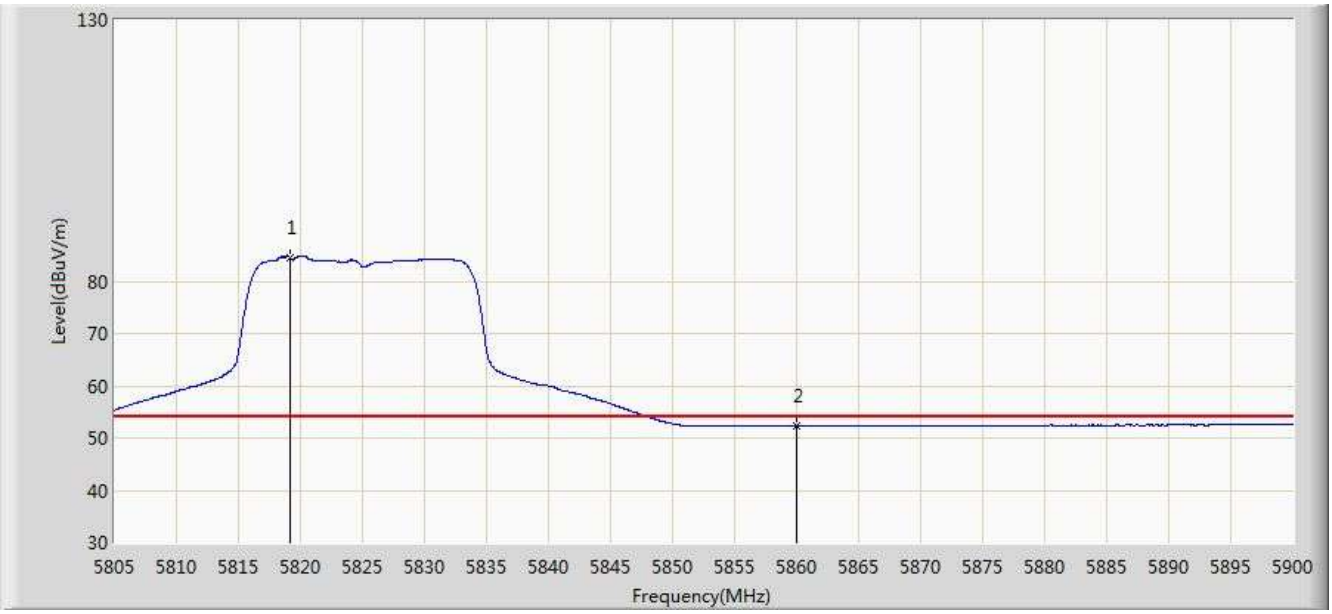


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.053	96.761	58.418	N/A	N/A	38.343	PK
2			5850.000	65.611	27.158	-12.589	78.200	38.454	PK
3			5860.000	64.988	26.510	-9.012	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0	

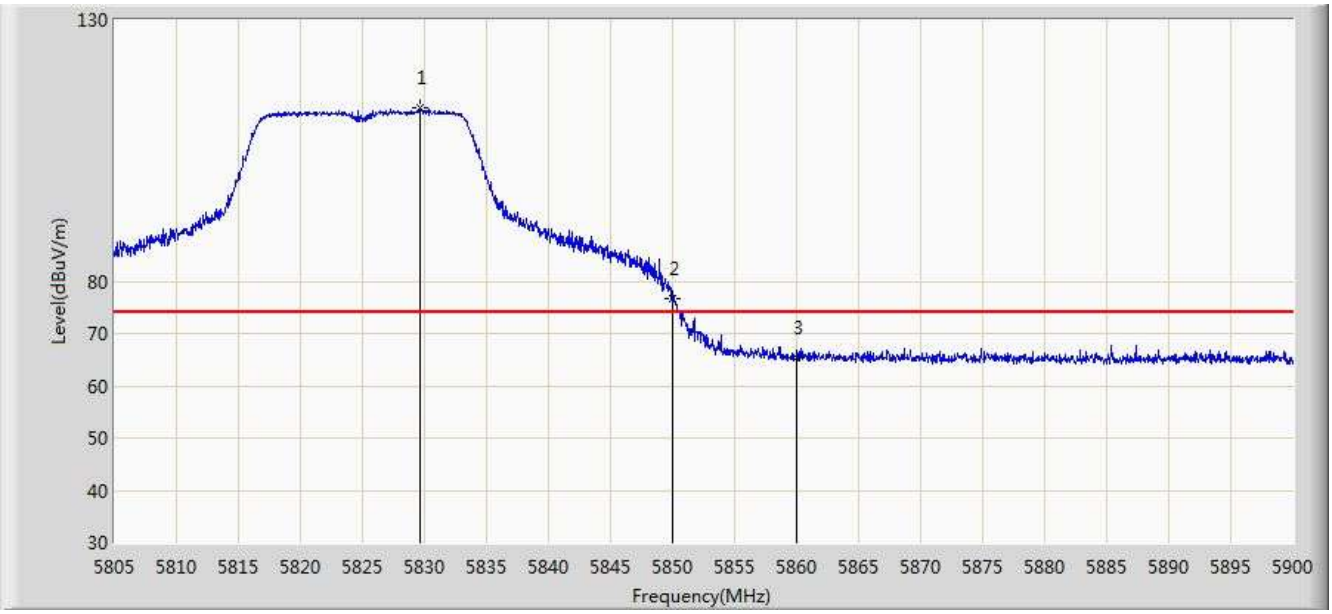


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.155	84.522	46.191	N/A	N/A	38.331	AV
2			5860.000	52.259	13.781	-1.741	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0	

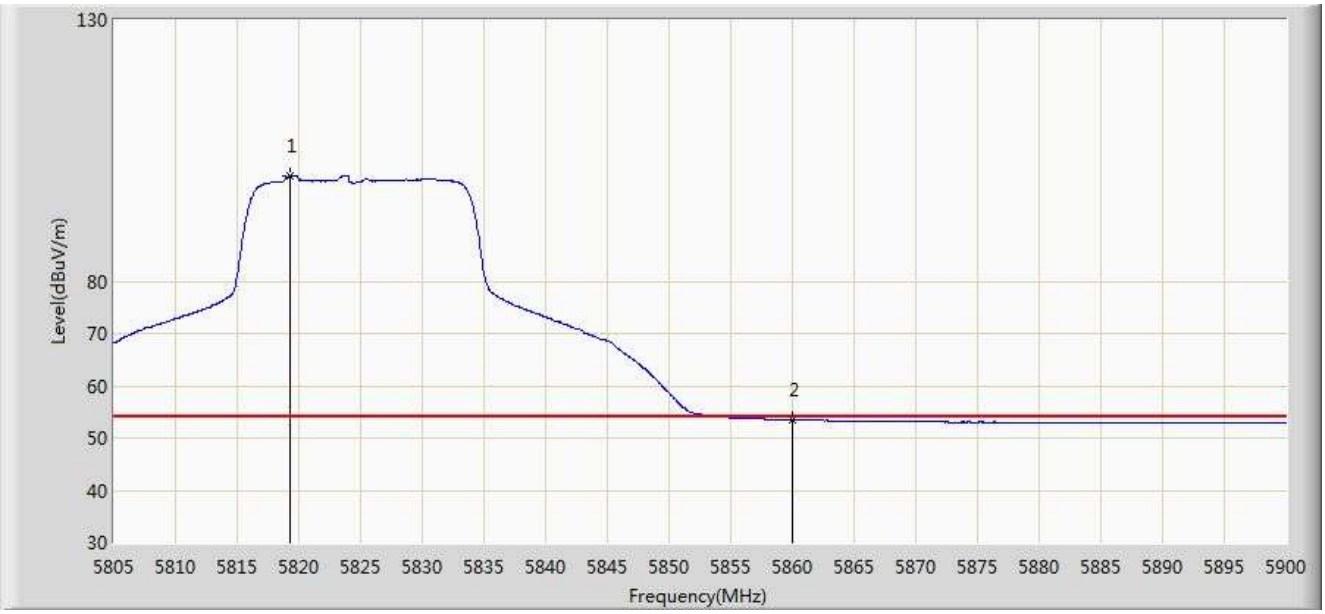


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.700	113.064	74.689	N/A	N/A	38.376	PK
2			5850.000	76.675	38.222	-1.525	78.200	38.454	PK
3			5860.000	65.335	26.857	-8.665	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0	

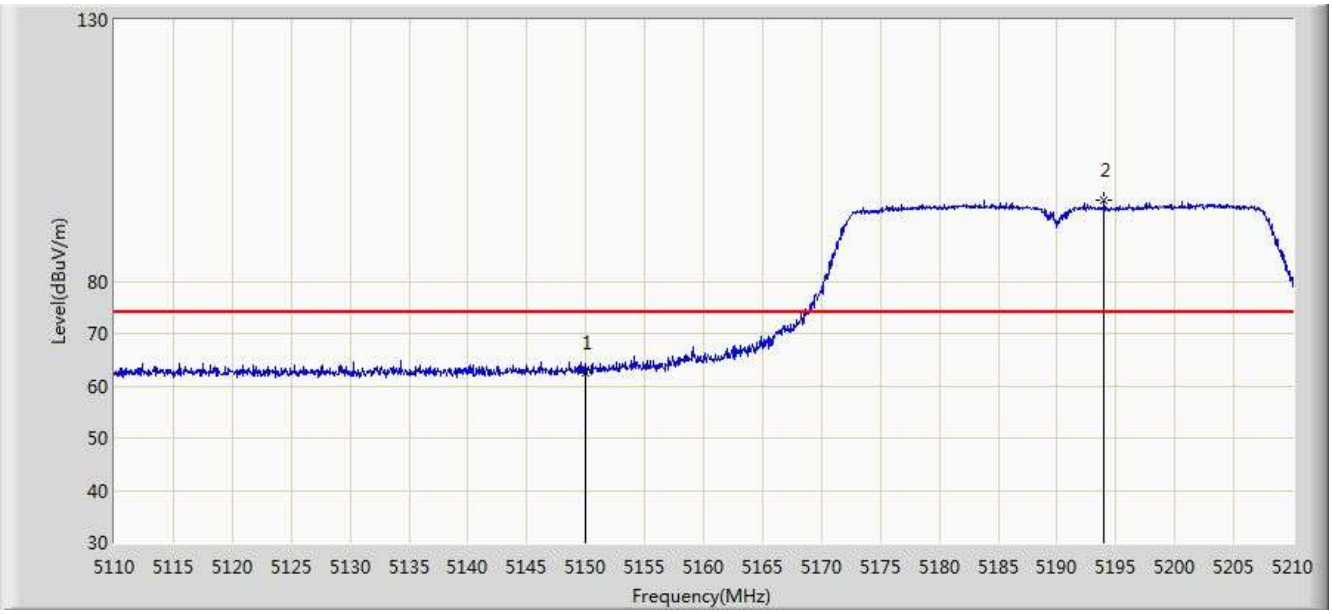


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.250	100.035	61.703	N/A	N/A	38.331	AV
2			5860.000	53.504	15.026	-0.496	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n40 Ant 0	

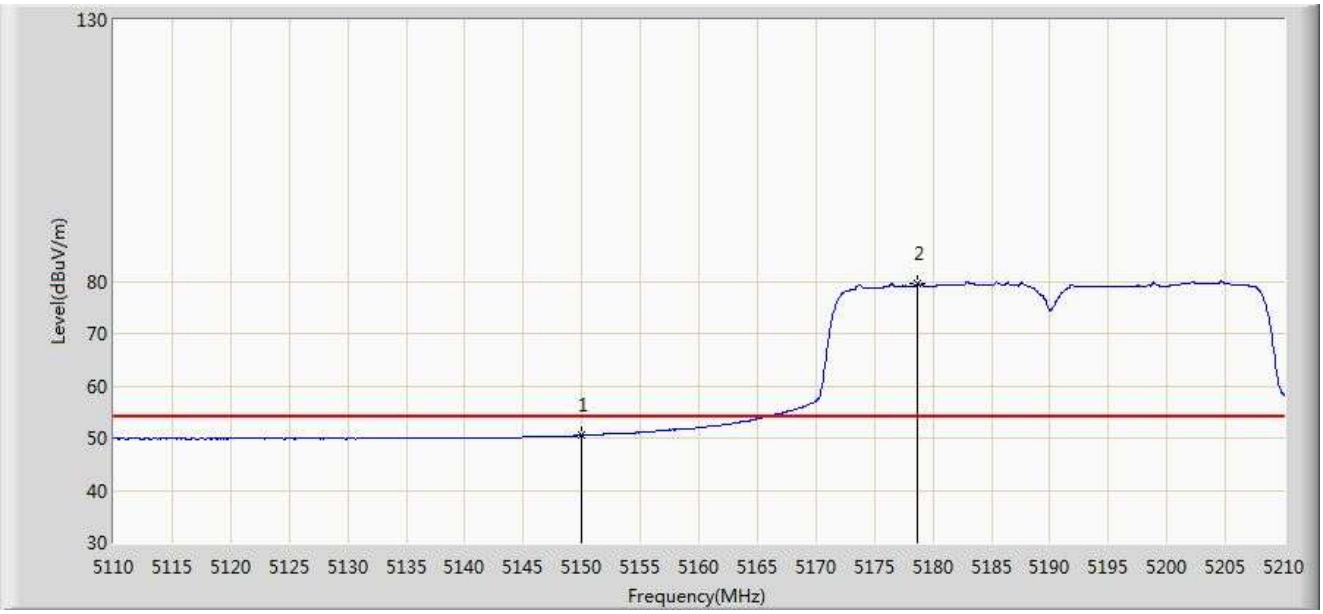


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.574	25.122	-11.426	74.000	37.452	PK
2		*	5194.000	95.385	58.046	N/A	N/A	37.340	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n40 Ant 0	

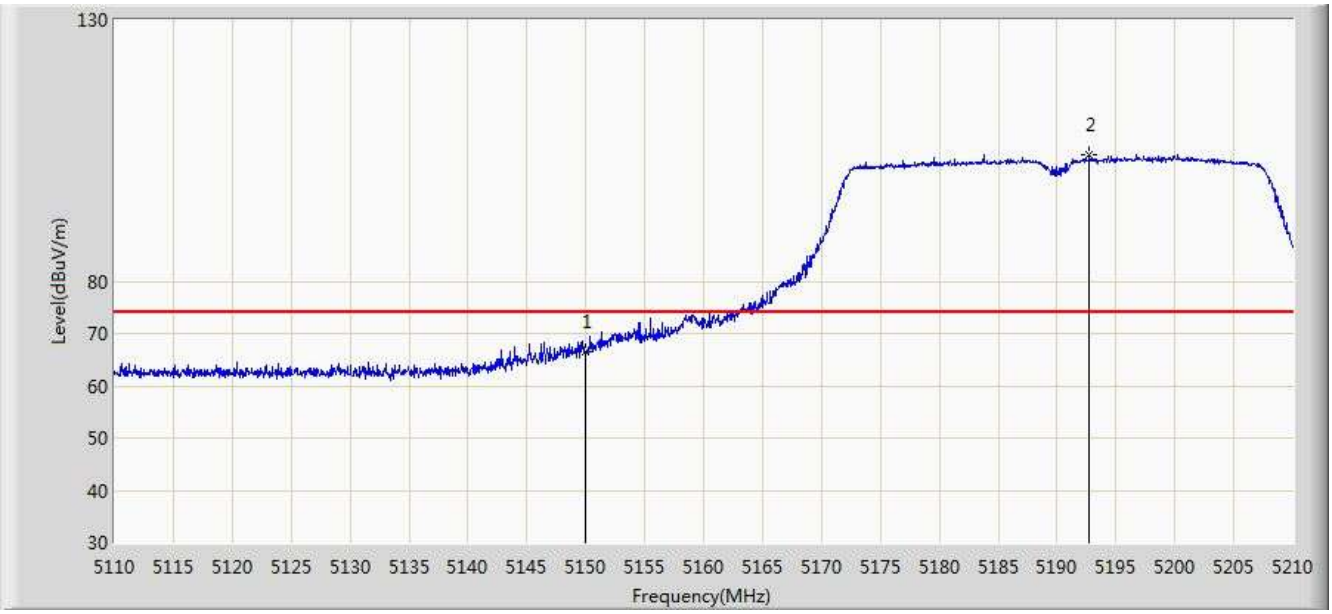


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.444	12.992	-3.556	54.000	37.452	AV
2		*	5178.700	79.616	42.239	N/A	N/A	37.377	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.580	29.128	-7.420	74.000	37.452	PK
2		*	5192.700	104.103	66.761	N/A	N/A	37.342	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

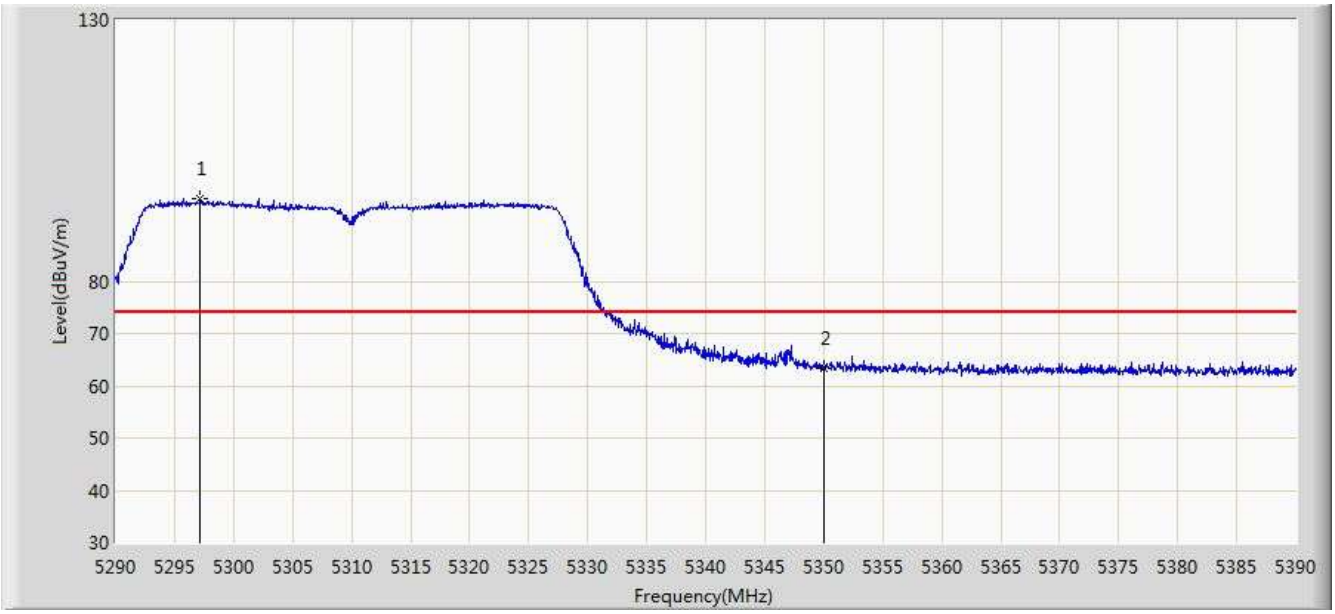
Site: AC1	Time: 2015/04/24 - 01:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.447	15.995	-0.553	54.000	37.452	AV
2		*	5200.600	87.923	50.601	33.923	54.000	37.323	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n40 Ant 0	

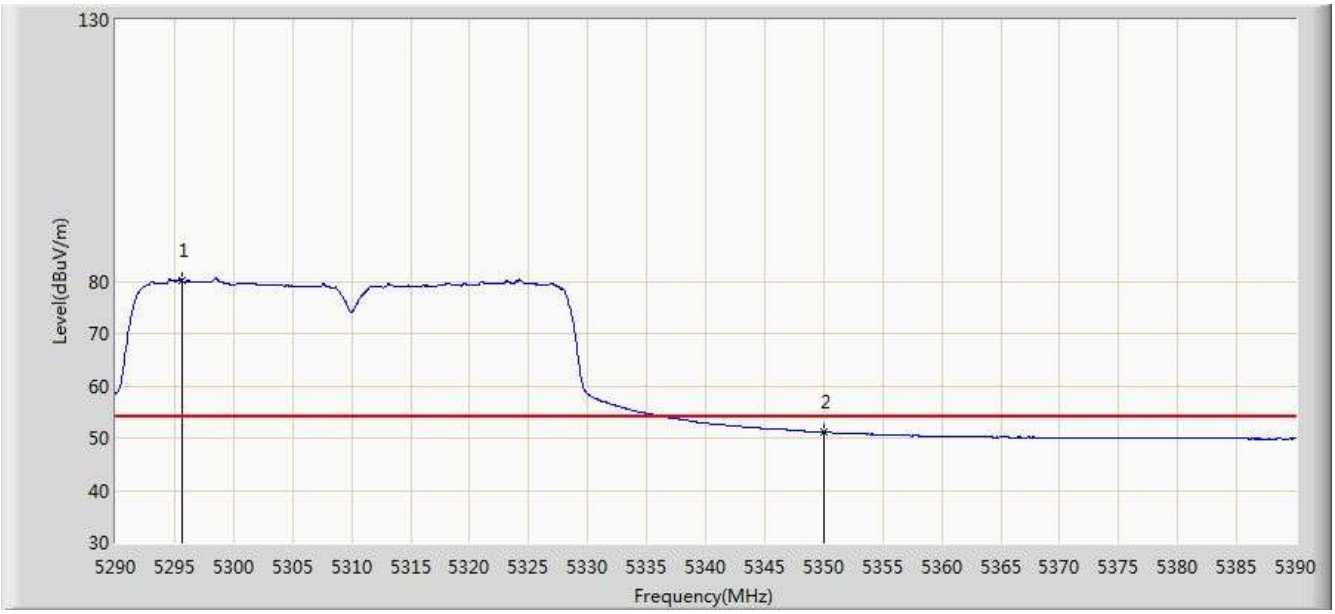


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5297.150	95.783	58.602	N/A	N/A	37.180	PK
2			5350.000	63.422	26.136	-10.578	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n40 Ant 0	

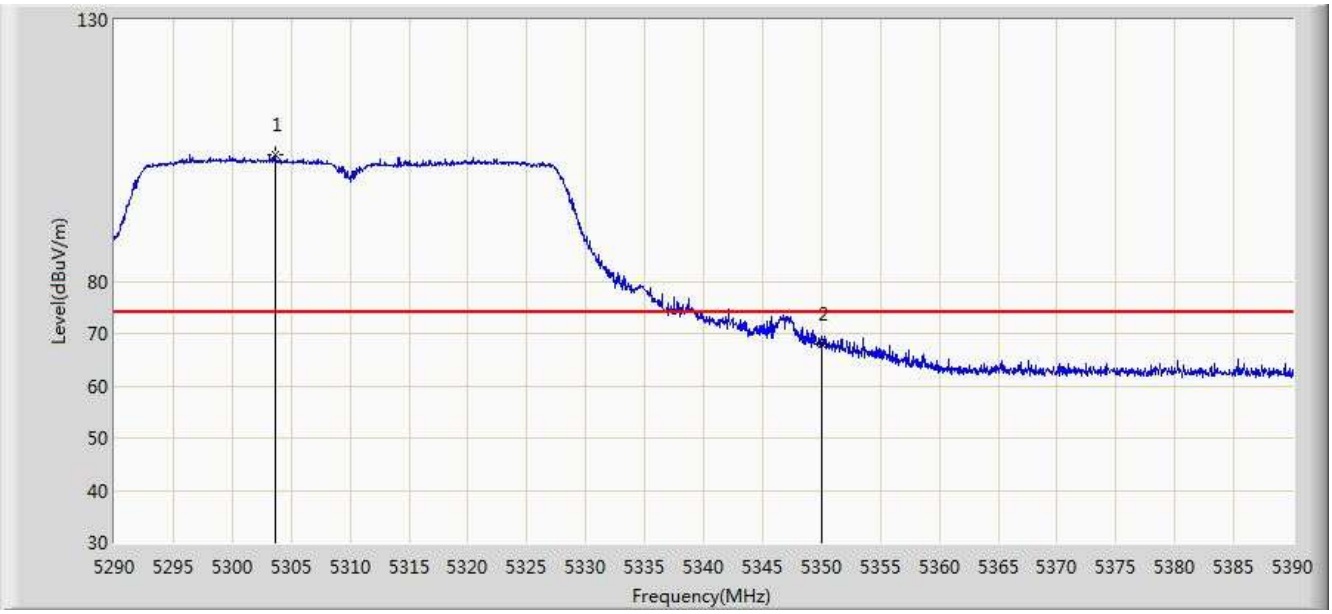


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5295.600	80.284	43.106	N/A	N/A	37.178	AV
2			5350.000	51.117	13.831	-2.883	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5303.600	104.318	67.127	N/A	N/A	37.190	PK
2			5350.000	67.929	30.643	-6.071	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

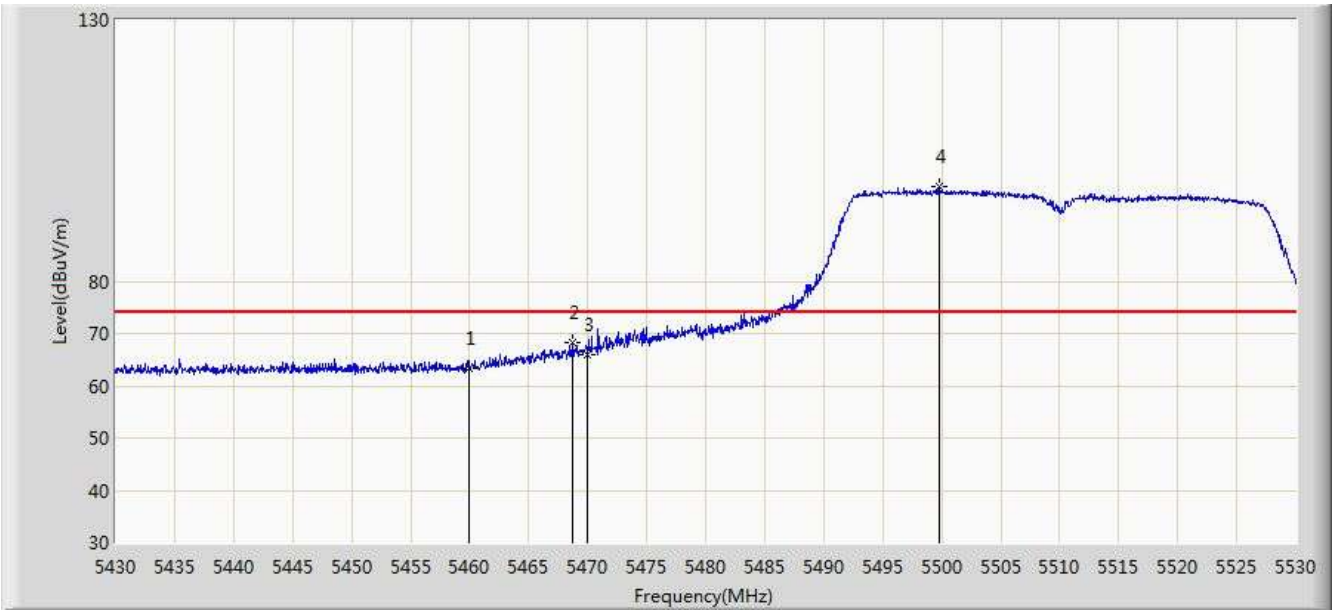
Site: AC1	Time: 2015/04/24 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.050	87.415	50.237	N/A	N/A	37.178	AV
2			5350.000	53.754	16.468	-0.246	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.379	25.816	-10.621	74.000	37.563	PK
2			5468.700	68.343	30.758	-5.657	74.000	37.585	PK
3			5470.000	66.011	28.422	-7.989	74.000	37.588	PK
4		*	5499.800	98.224	60.600	N/A	N/A	37.624	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

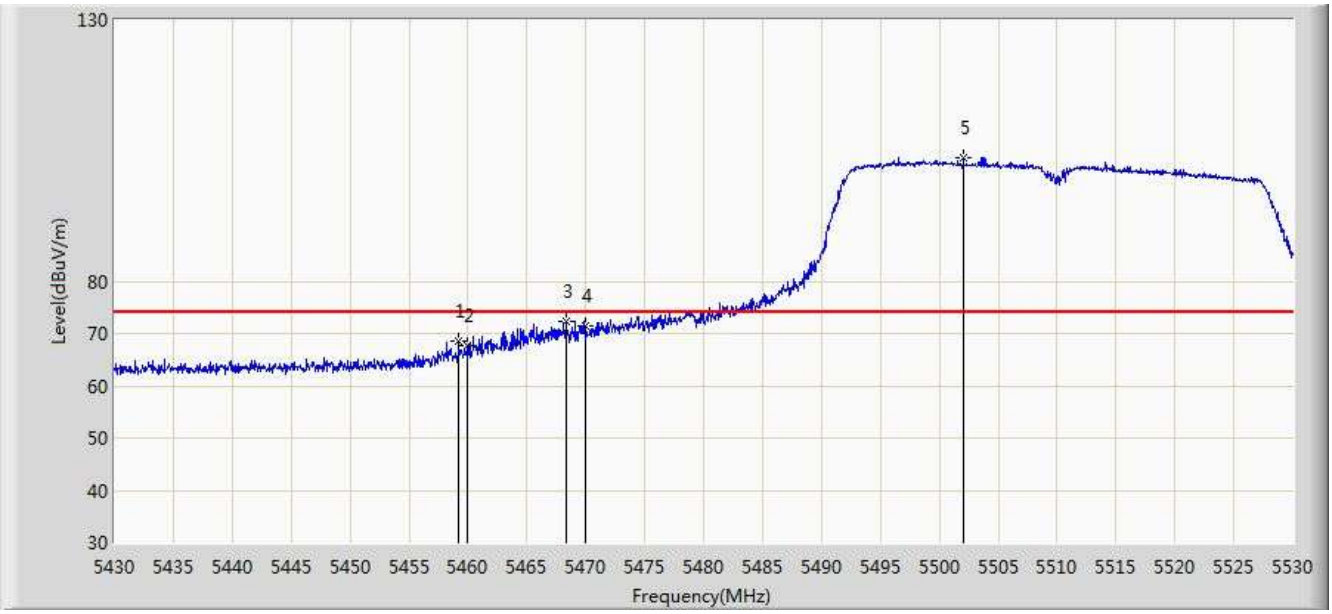
Site: AC1	Time: 2015/04/24 - 01:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.728	13.165	-3.272	54.000	37.563	AV
2			5470.000	52.469	14.880	-1.531	54.000	37.588	AV
3		*	5496.250	81.735	44.115	N/A	N/A	37.620	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.200	68.675	31.115	-5.325	74.000	37.560	PK
2			5460.000	67.741	30.178	-6.259	74.000	37.563	PK
3			5468.300	72.242	34.658	-1.758	74.000	37.584	PK
4			5470.000	71.518	33.930	-2.482	74.000	37.588	PK
5		*	5502.050	103.684	66.057	N/A	N/A	37.627	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

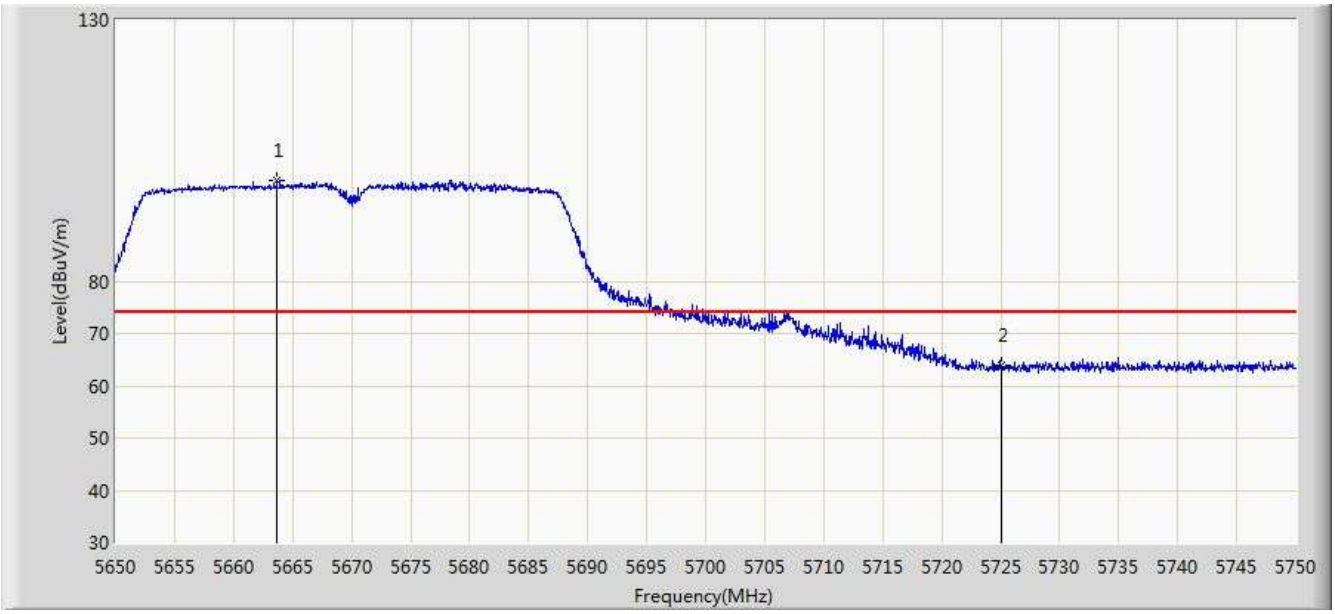
Site: AC1	Time: 2015/05/16 - 16:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.432	10.869	-5.568	54.000	37.563	AV
2			5470.000	53.014	15.425	-0.986	54.000	37.588	AV
3		*	5503.600	87.910	50.282	N/A	N/A	37.628	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5663.650	99.413	61.612	N/A	N/A	37.801	PK
2			5725.000	63.919	25.929	-10.081	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

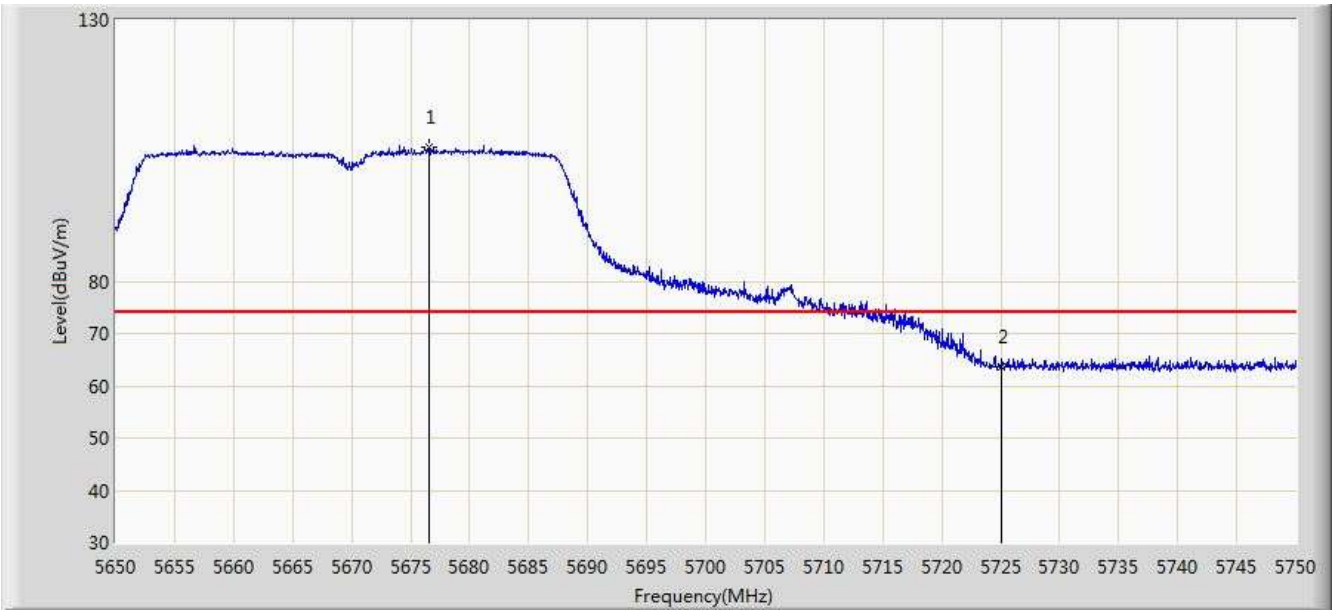
Site: AC1	Time: 2015/04/24 - 01:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5668.350	82.641	44.834	N/A	N/A	37.807	AV
2			5725.000	50.787	12.797	-3.213	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n40 Ant 0	

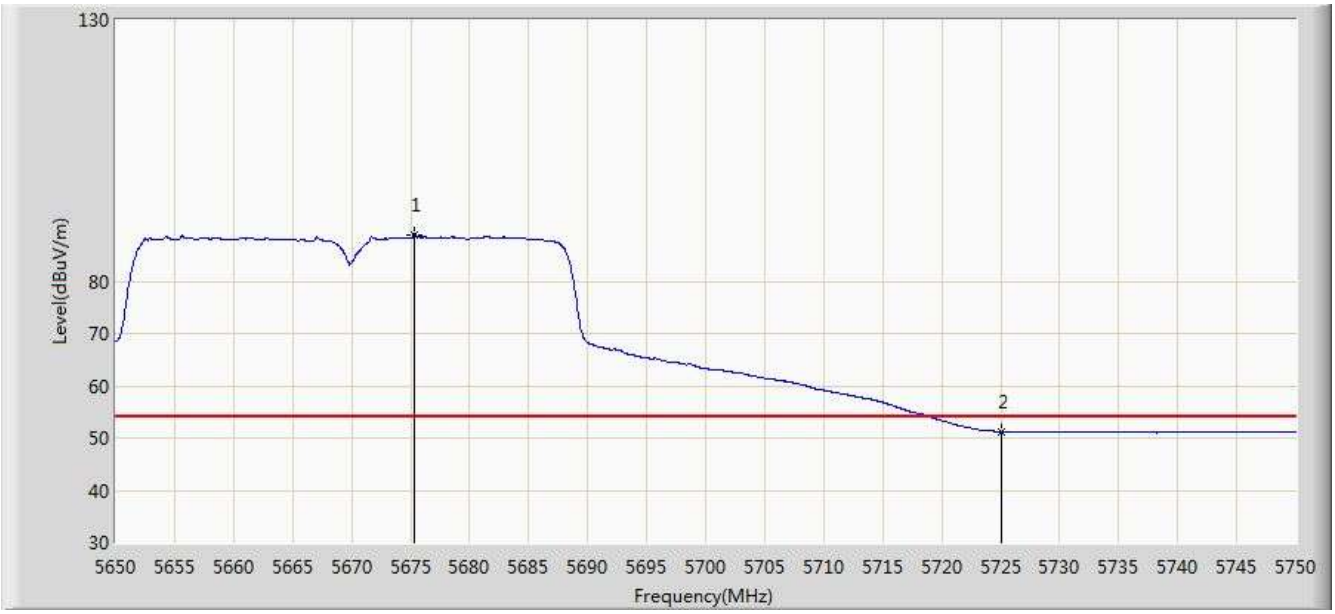


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5676.550	105.773	67.952	N/A	N/A	37.820	PK
2			5725.000	63.579	25.589	-10.421	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n40 Ant 0	

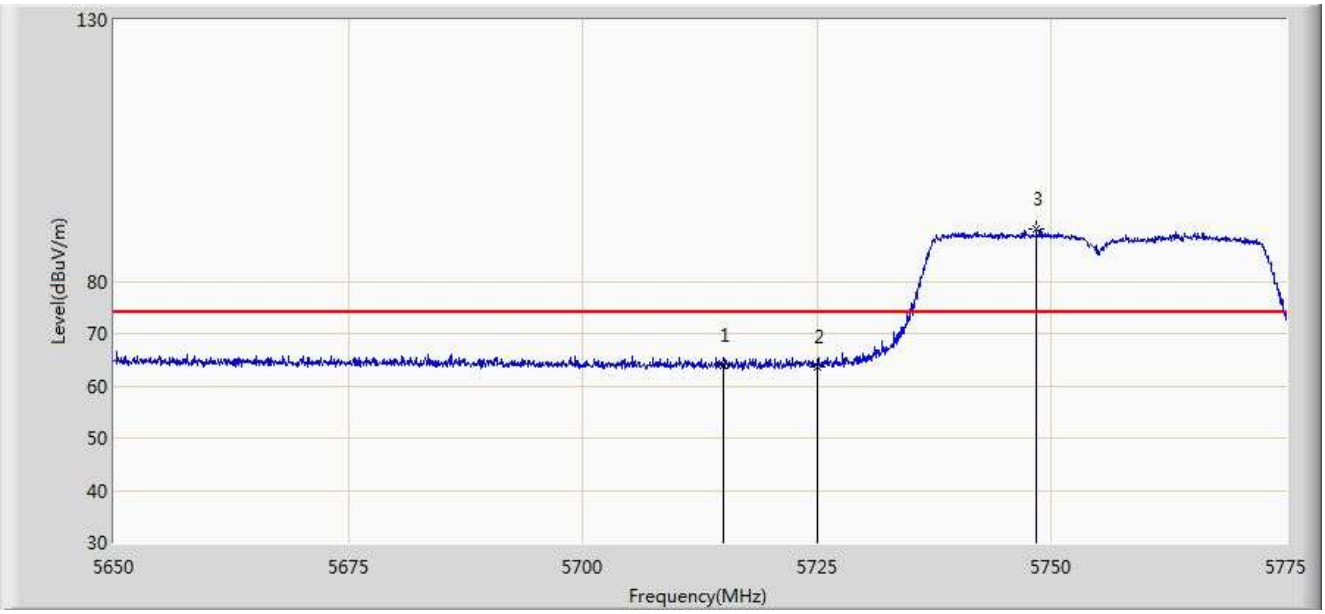


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.300	88.904	51.087	N/A	N/A	37.816	AV
2			5725.000	51.221	13.231	-2.779	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0	

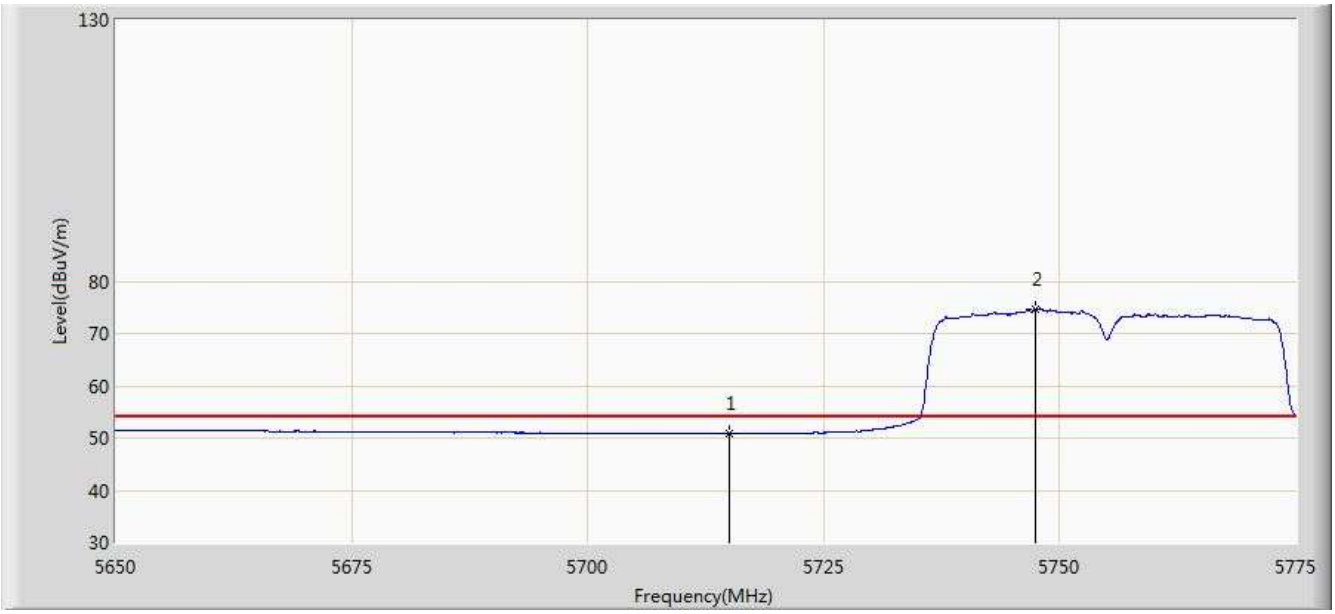


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.924	25.975	-10.076	74.000	37.949	PK
2			5725.000	63.534	25.544	-14.666	78.200	37.990	PK
3		*	5748.375	90.101	52.013	N/A	N/A	38.088	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0	

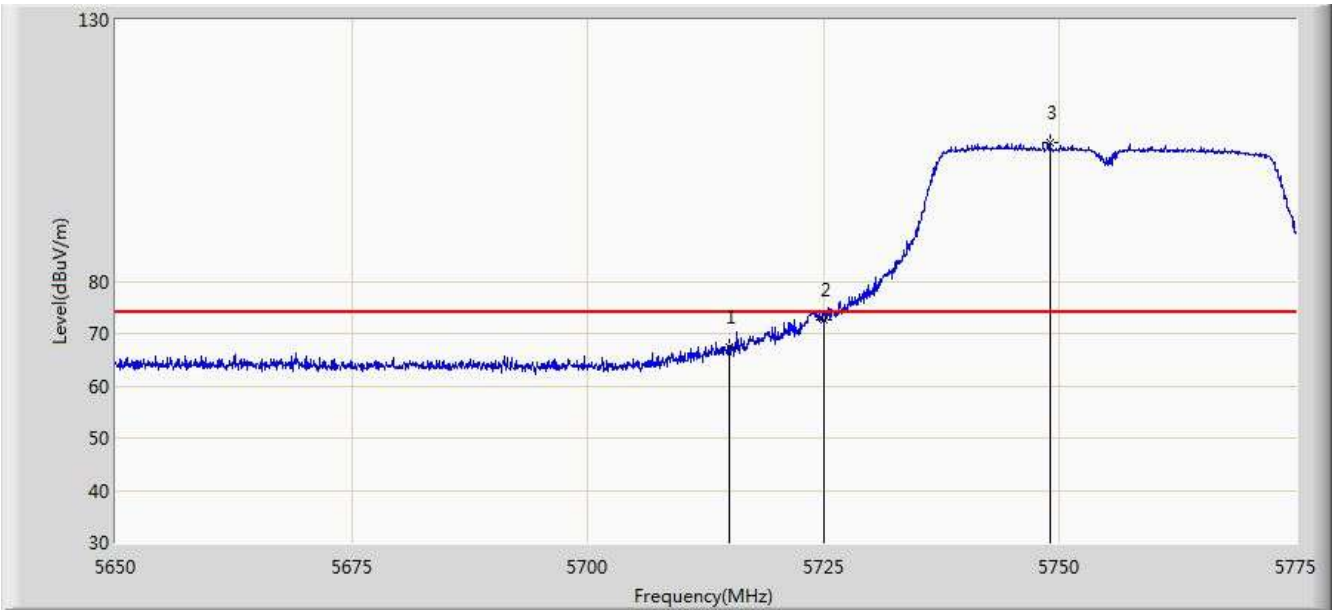


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.835	12.886	-3.165	54.000	37.949	AV
2		*	5747.500	74.690	36.606	N/A	N/A	38.084	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0	

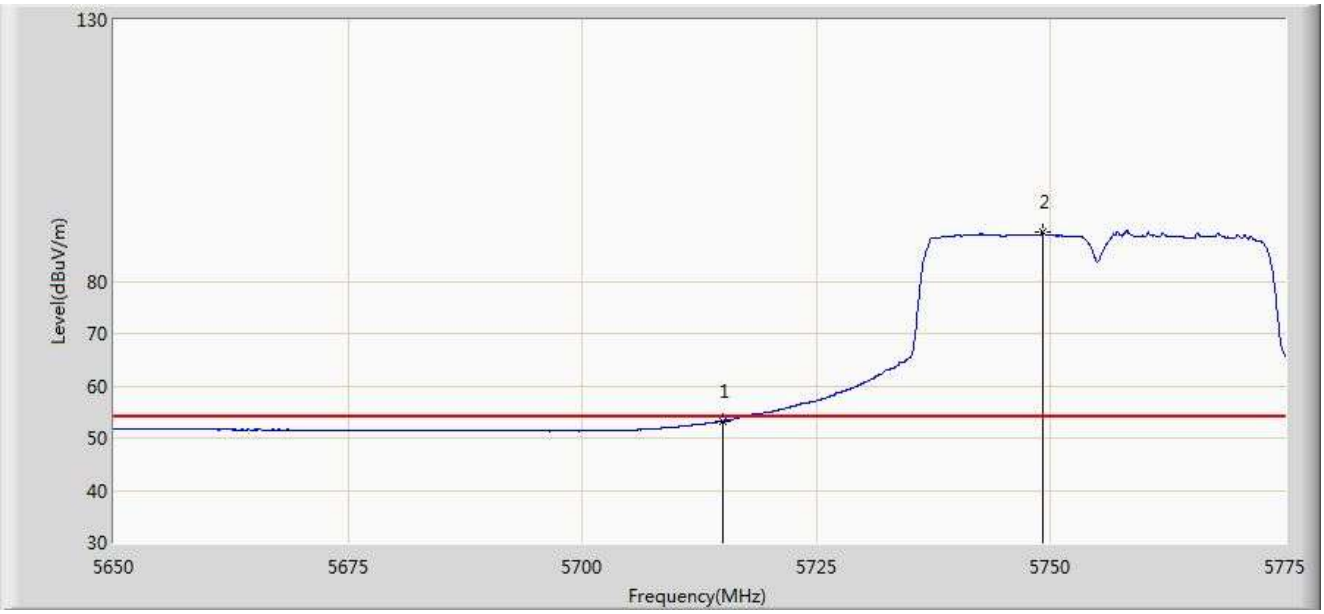


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.364	29.415	-6.636	74.000	37.949	PK
2			5725.000	72.716	34.726	-5.484	78.200	37.990	PK
3		*	5748.937	106.655	68.564	N/A	N/A	38.091	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0	

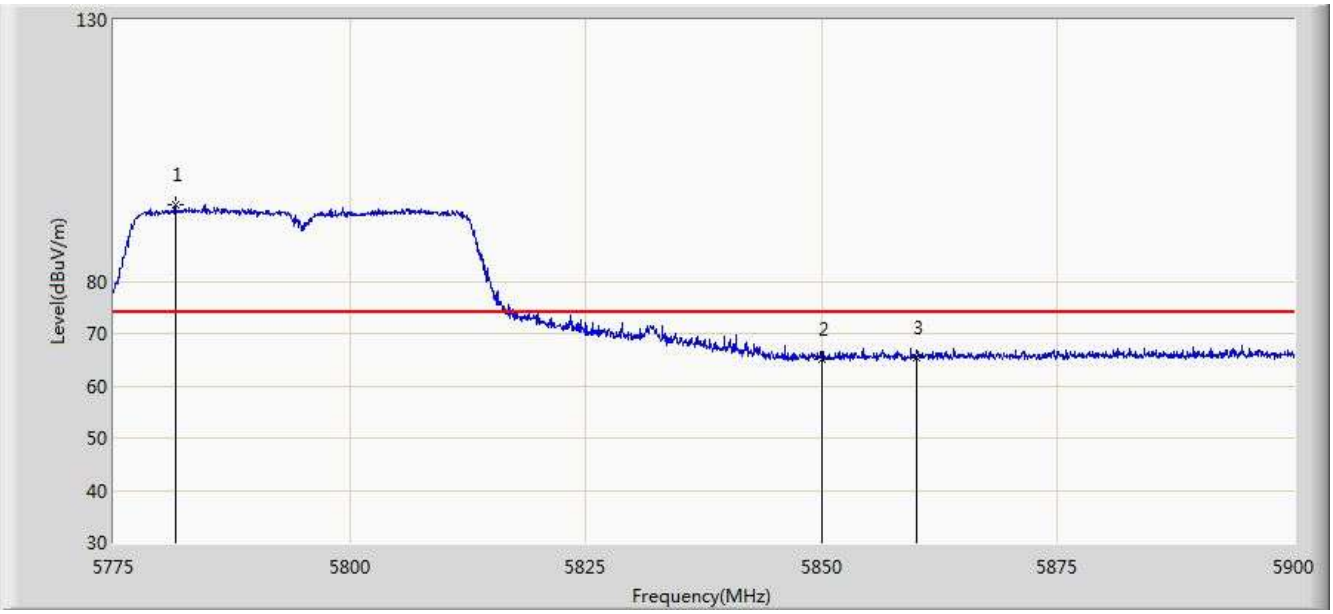


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.210	15.261	-0.790	54.000	37.949	AV
2		*	5749.125	89.492	51.400	N/A	N/A	38.091	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0	

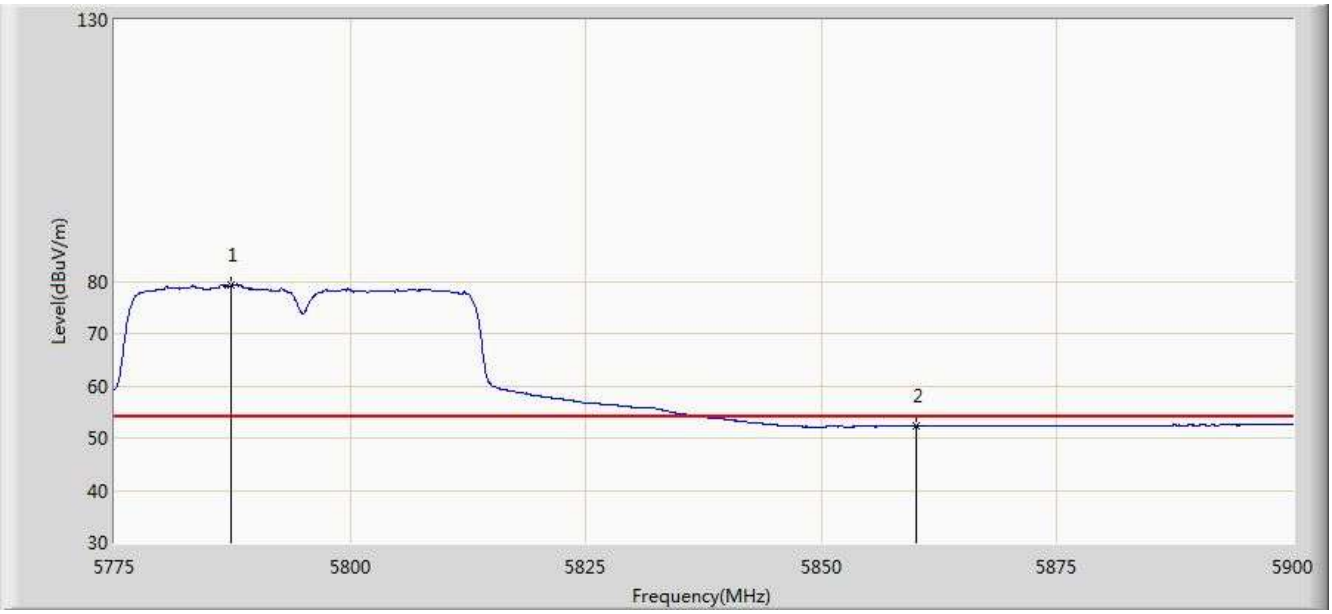


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.562	94.567	56.367	N/A	N/A	38.200	PK
2			5850.000	65.133	26.680	-13.067	78.200	38.454	PK
3			5860.000	65.443	26.965	-8.557	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0	

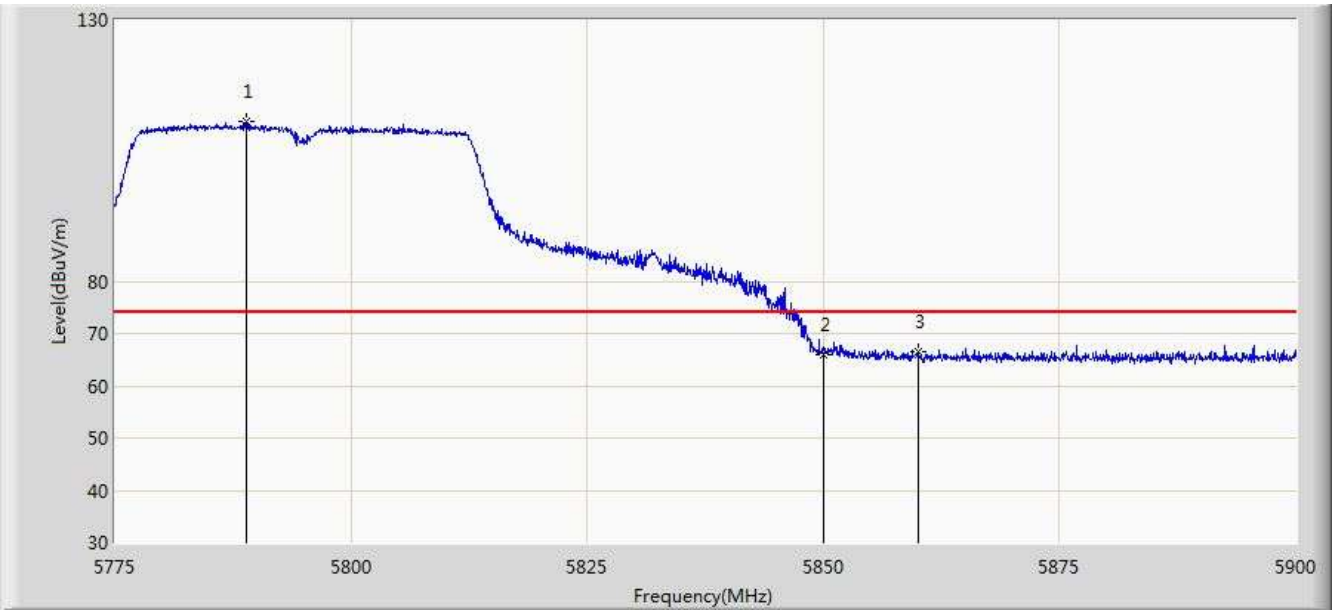


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.375	79.276	41.055	N/A	N/A	38.222	AV
2			5860.000	52.244	13.766	-1.756	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0	

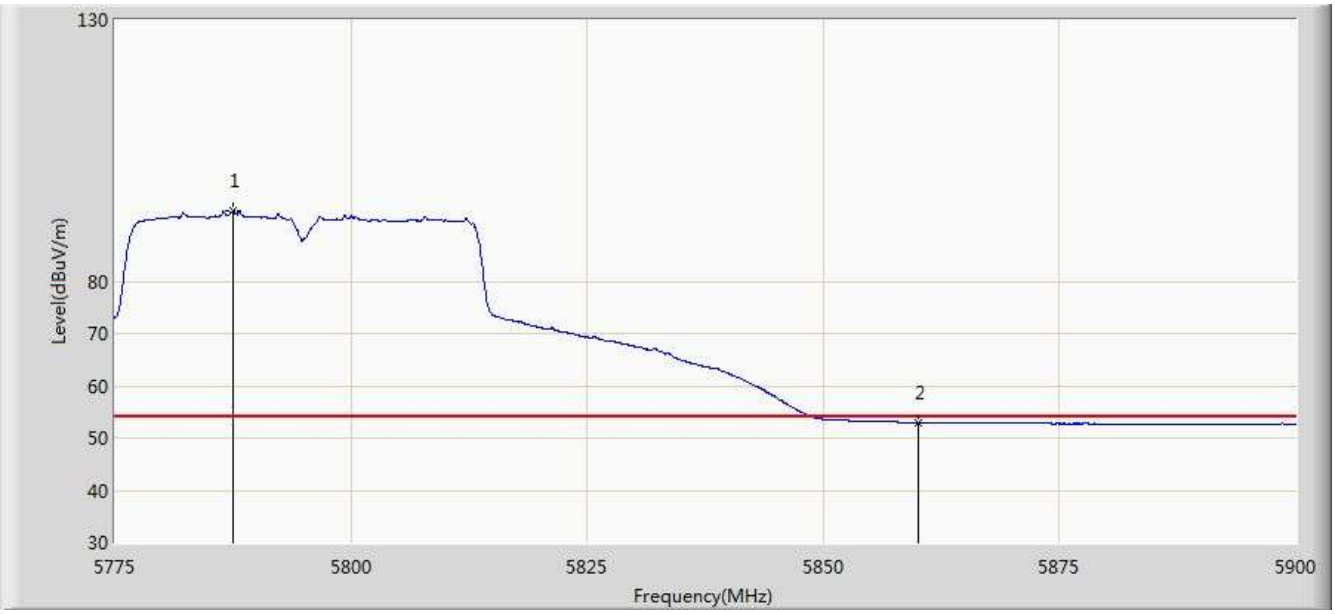


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.875	110.478	72.251	N/A	N/A	38.227	PK
2			5850.000	65.873	27.420	-12.327	78.200	38.454	PK
3			5860.000	66.436	27.958	-7.564	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0	

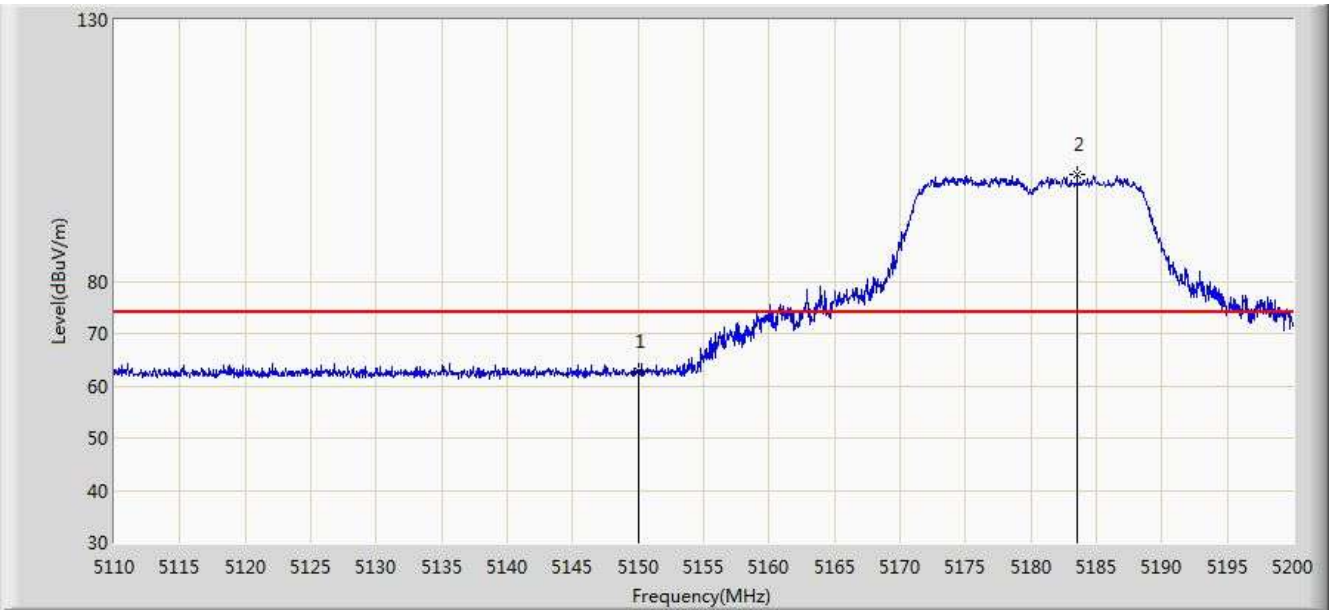


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.562	93.529	55.307	N/A	N/A	38.222	AV
2			5860.000	52.980	14.502	-1.020	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0	

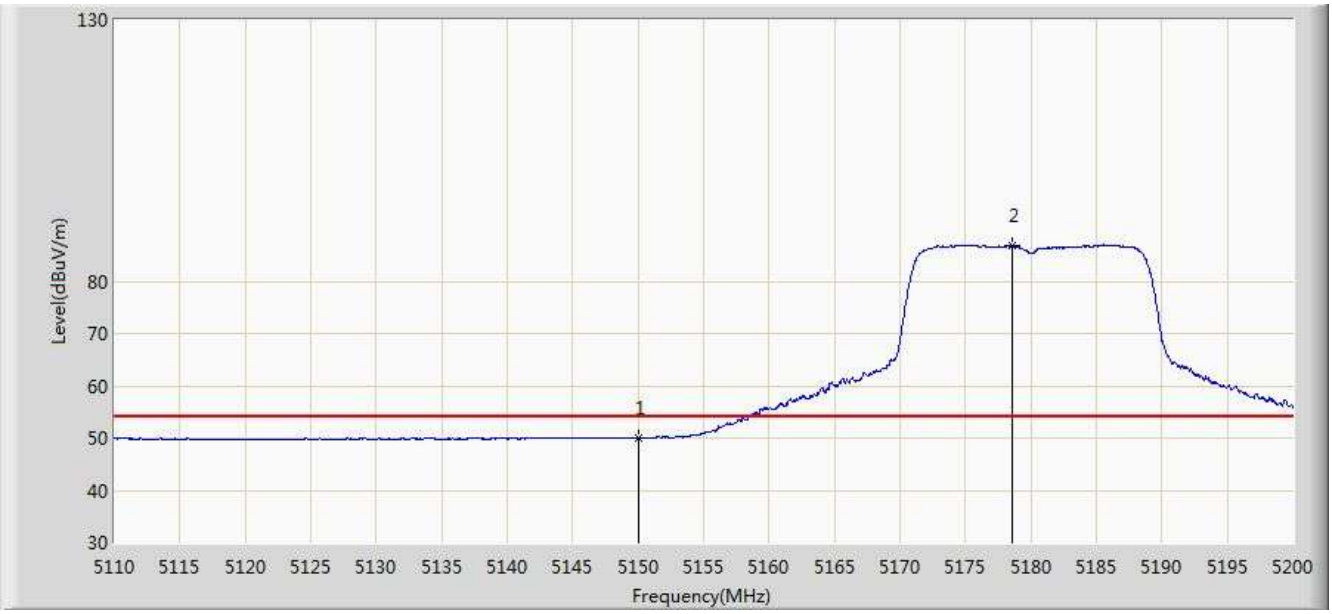


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.777	25.325	-11.223	74.000	37.452	PK
2		*	5183.530	100.406	63.041	N/A	N/A	37.365	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0	

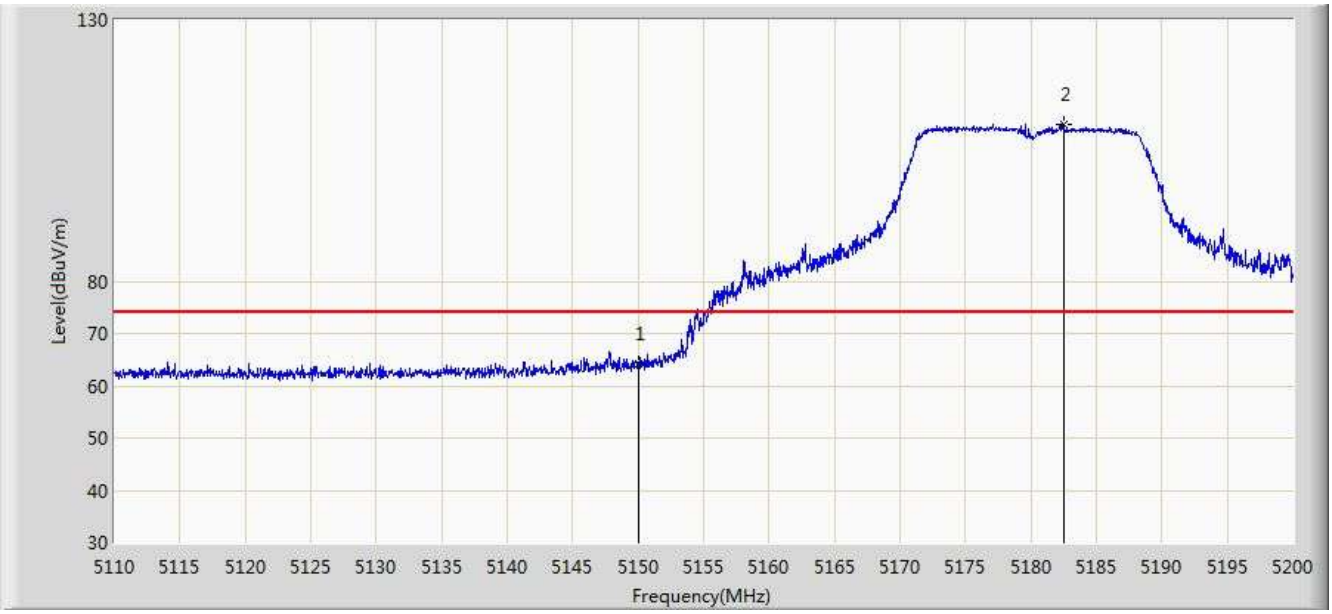


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.036	12.584	-3.964	54.000	37.452	AV
2		*	5178.535	86.775	49.398	N/A	N/A	37.377	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0	

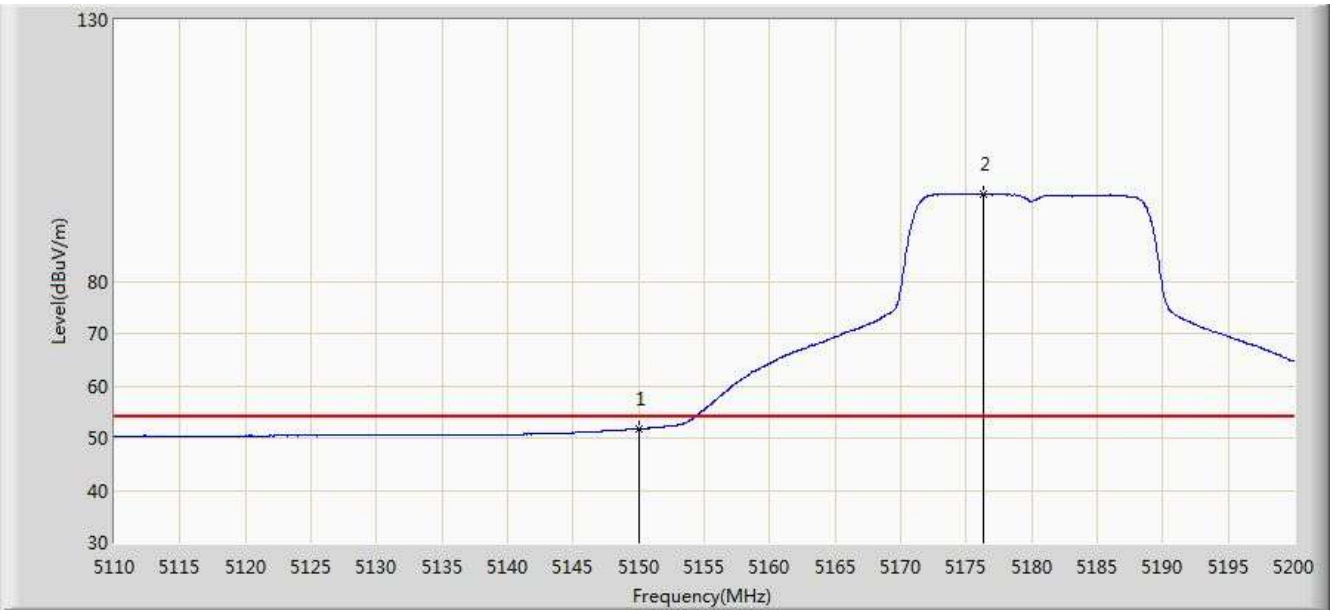


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.286	26.834	-9.714	74.000	37.452	PK
2		*	5182.495	110.127	72.759	N/A	N/A	37.367	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0	

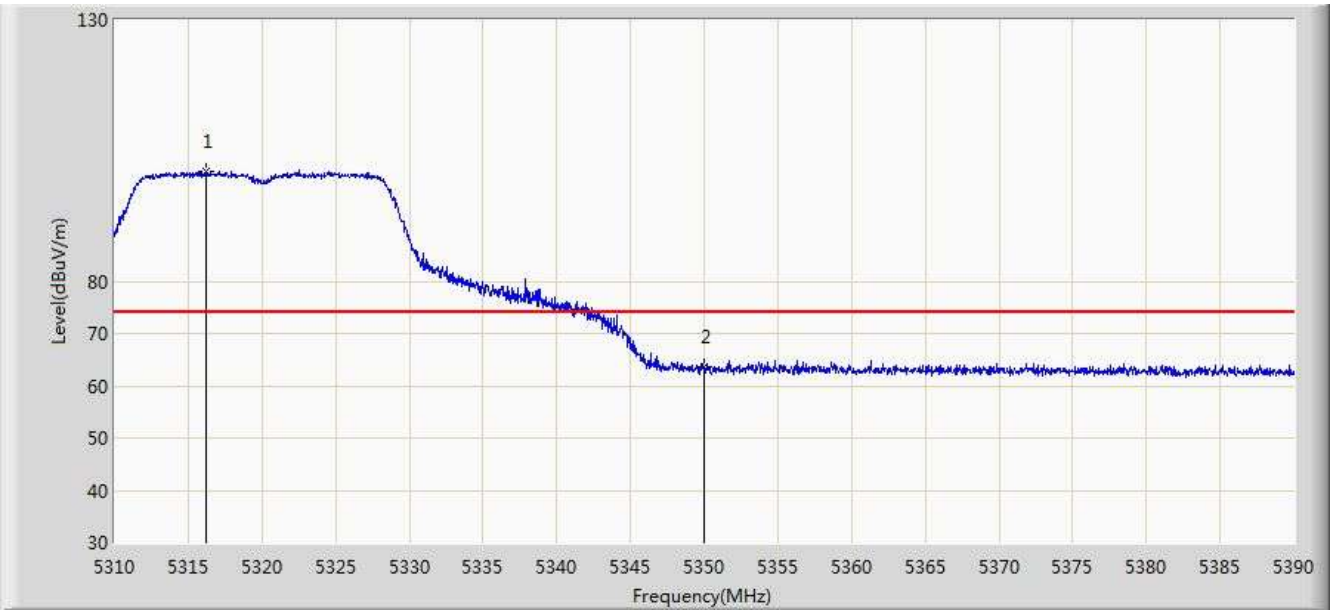


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.789	14.337	-2.211	54.000	37.452	AV
2		*	5176.285	96.619	59.237	N/A	N/A	37.382	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0	

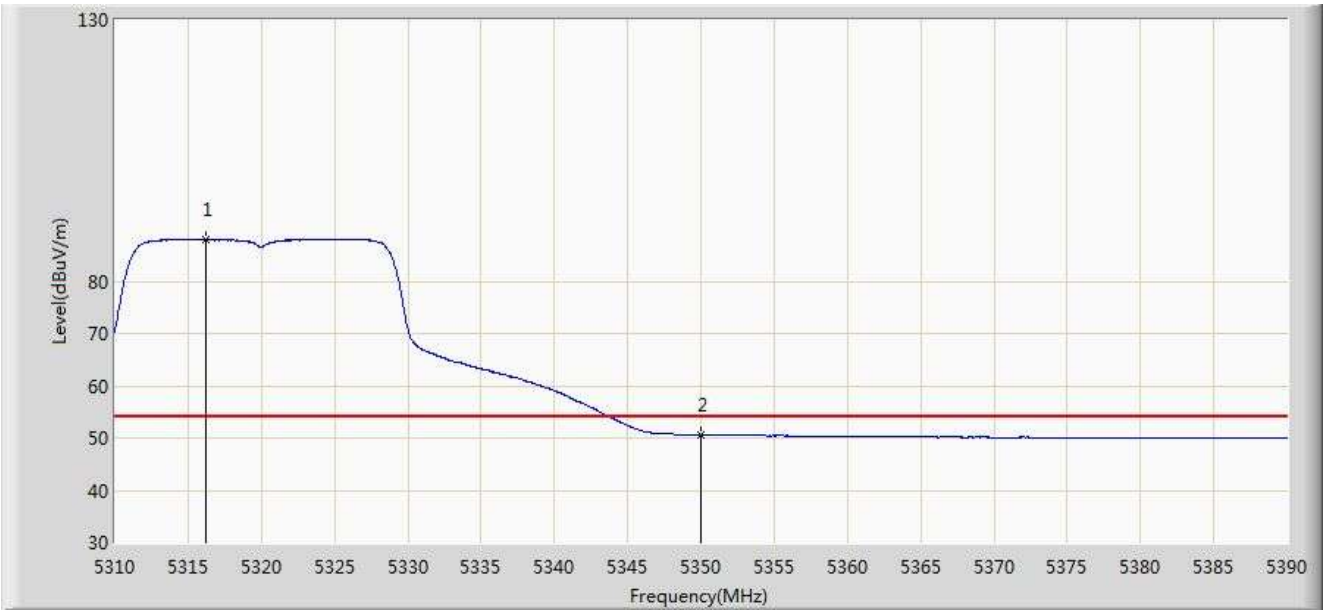


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.200	101.020	63.813	N/A	N/A	37.207	PK
2			5350.000	63.613	26.327	-10.387	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0	

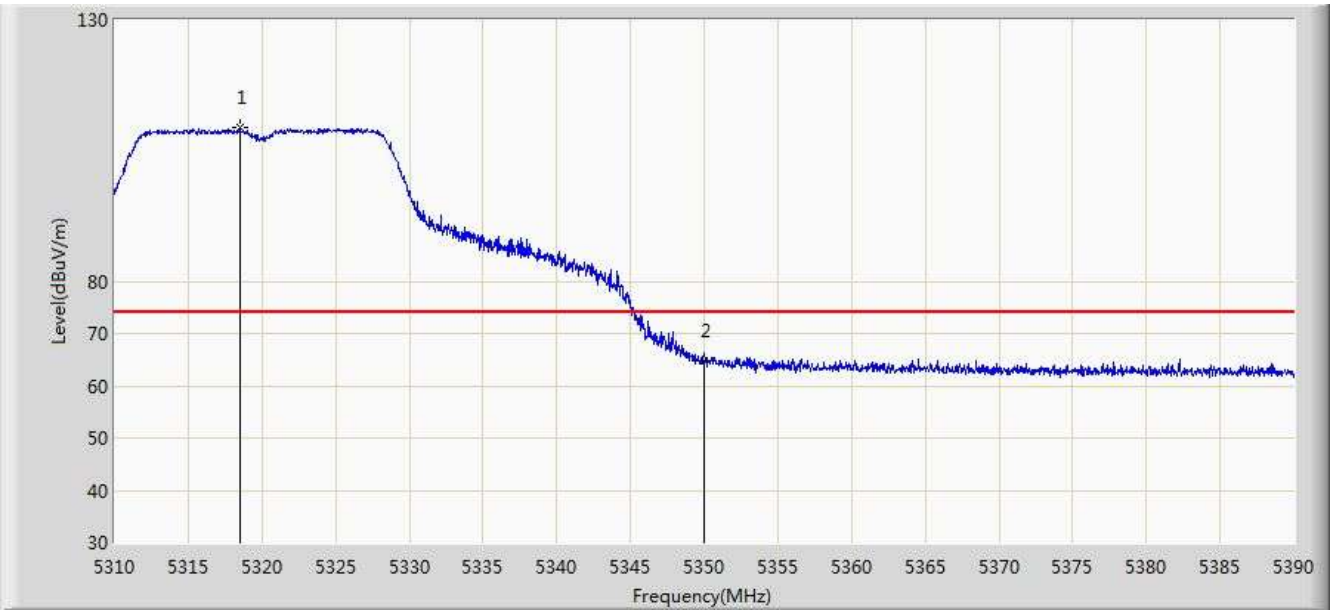


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.200	87.931	50.724	N/A	N/A	37.207	AV
2			5350.000	50.567	13.281	-3.433	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0	

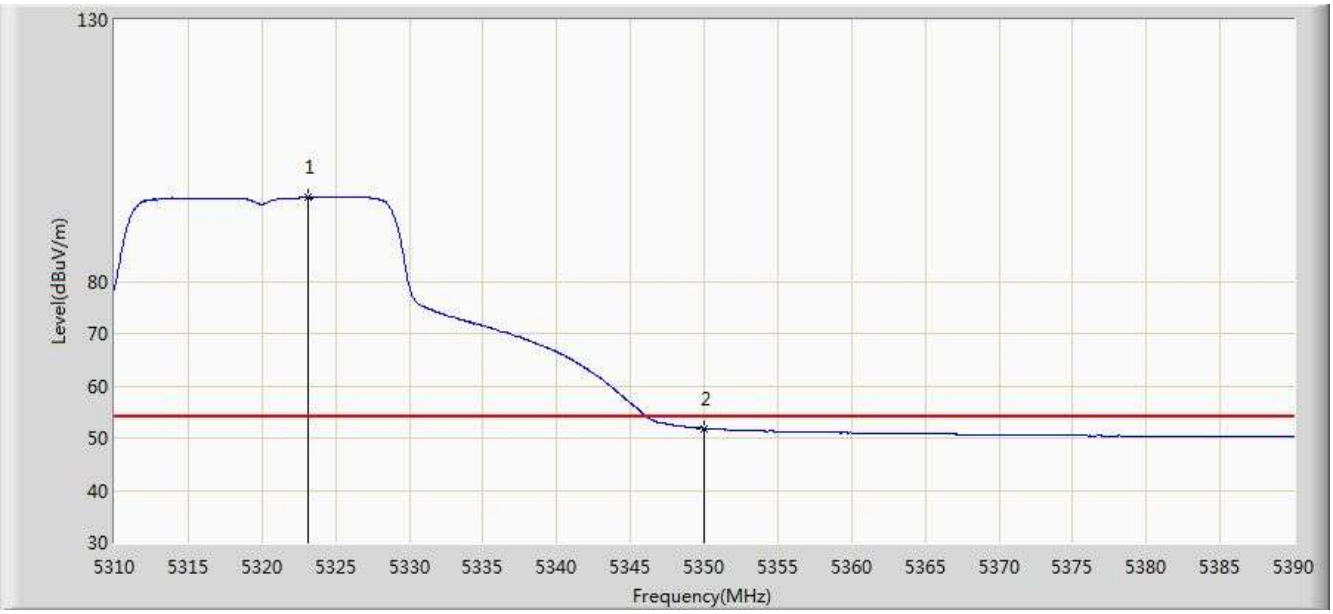


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.480	109.367	72.156	N/A	N/A	37.211	PK
2			5350.000	64.751	27.465	-9.249	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0	

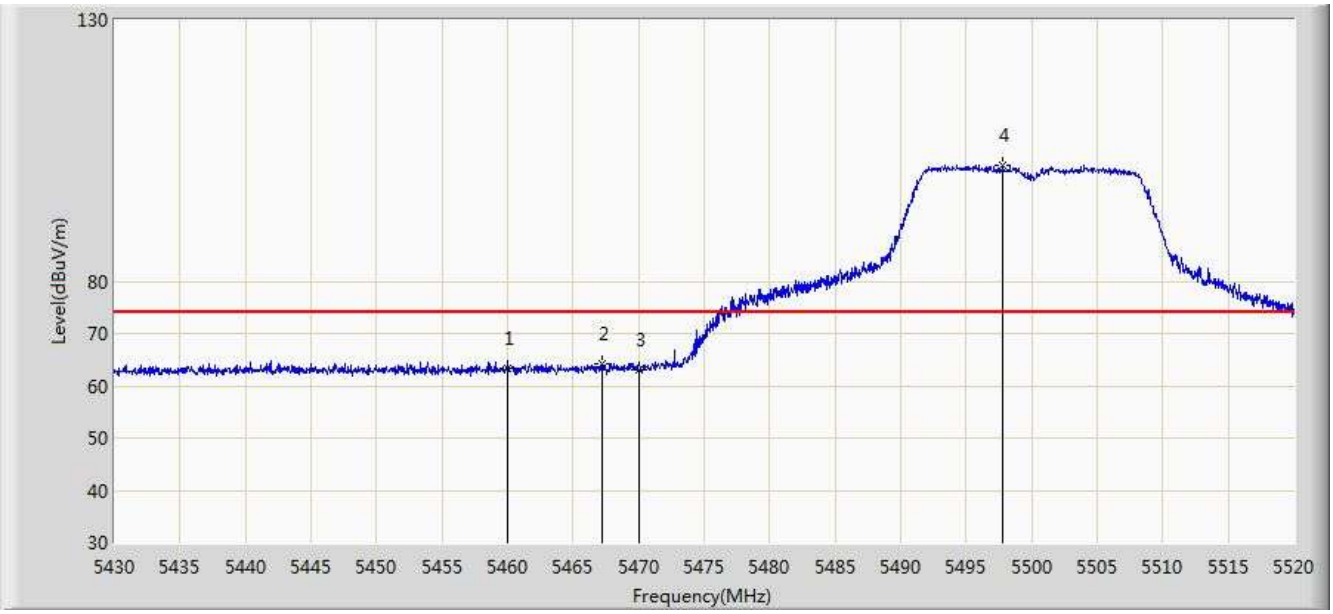


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.160	96.062	58.843	N/A	N/A	37.219	AV
2			5350.000	51.876	14.590	-2.124	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0	

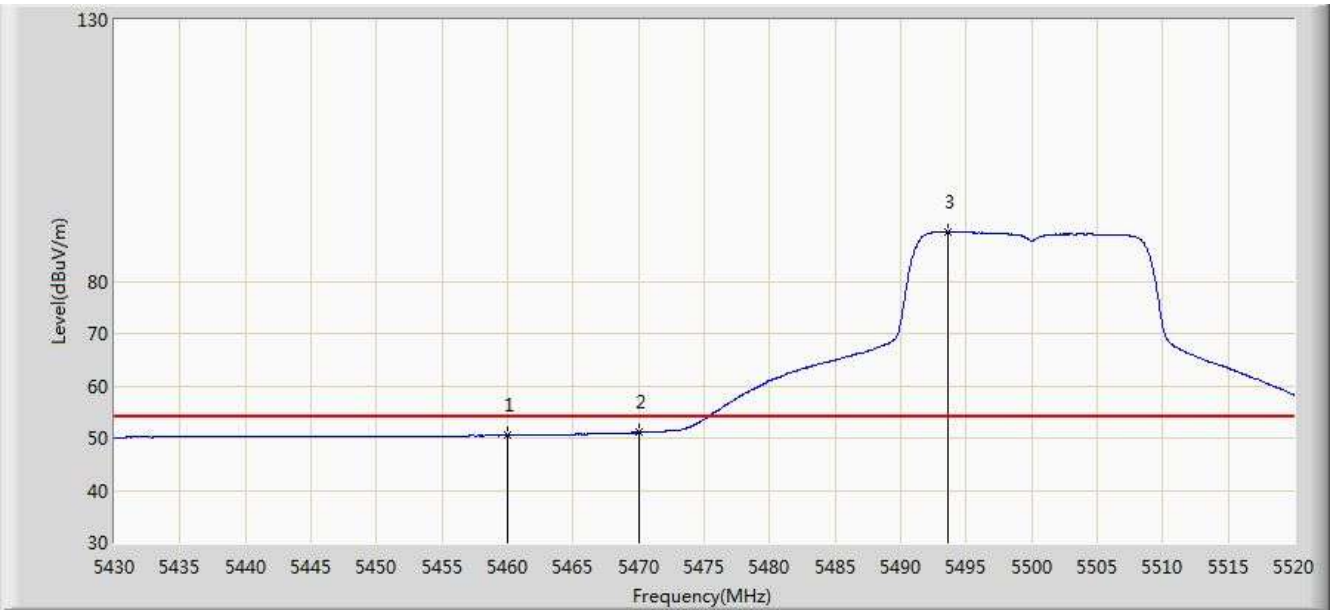


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.388	25.825	-10.612	74.000	37.563	PK
2			5467.215	64.064	26.483	-9.936	68.200	37.581	PK
3			5470.000	62.931	25.342	-11.069	68.200	37.588	PK
4		*	5497.815	102.295	64.673	N/A	N/A	37.622	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0	

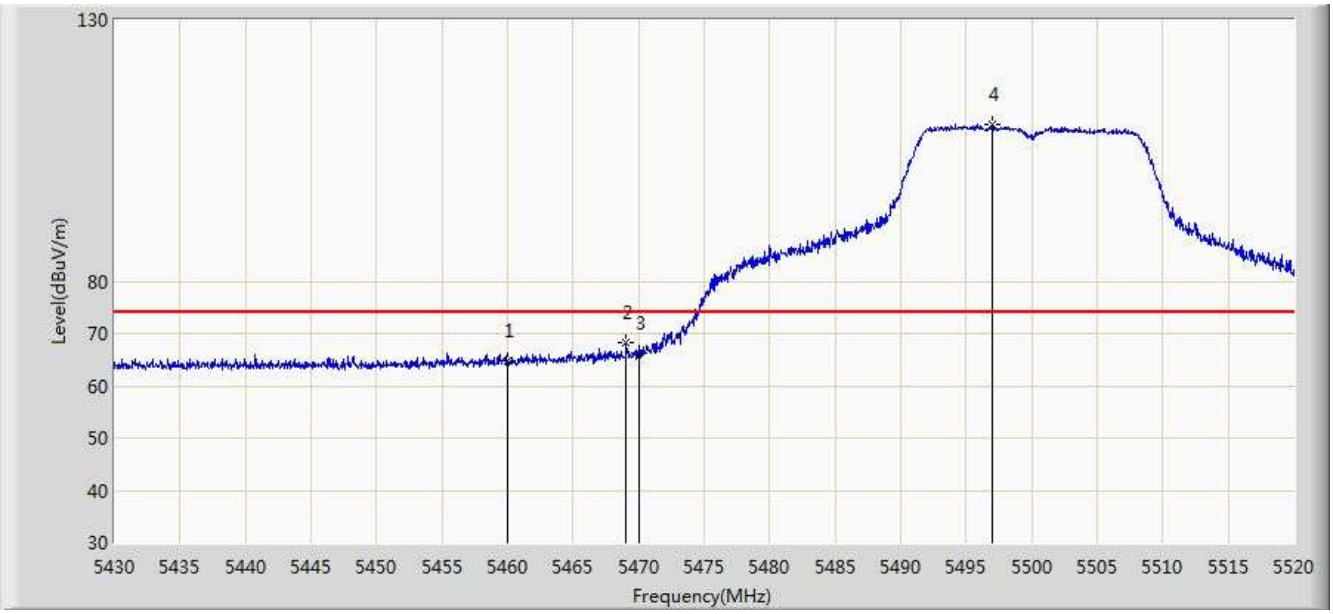


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.492	12.929	-3.508	54.000	37.563	AV
2			5470.000	51.028	13.439	-2.972	54.000	37.588	AV
3		*	5493.585	89.490	51.873	N/A	N/A	37.617	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0	

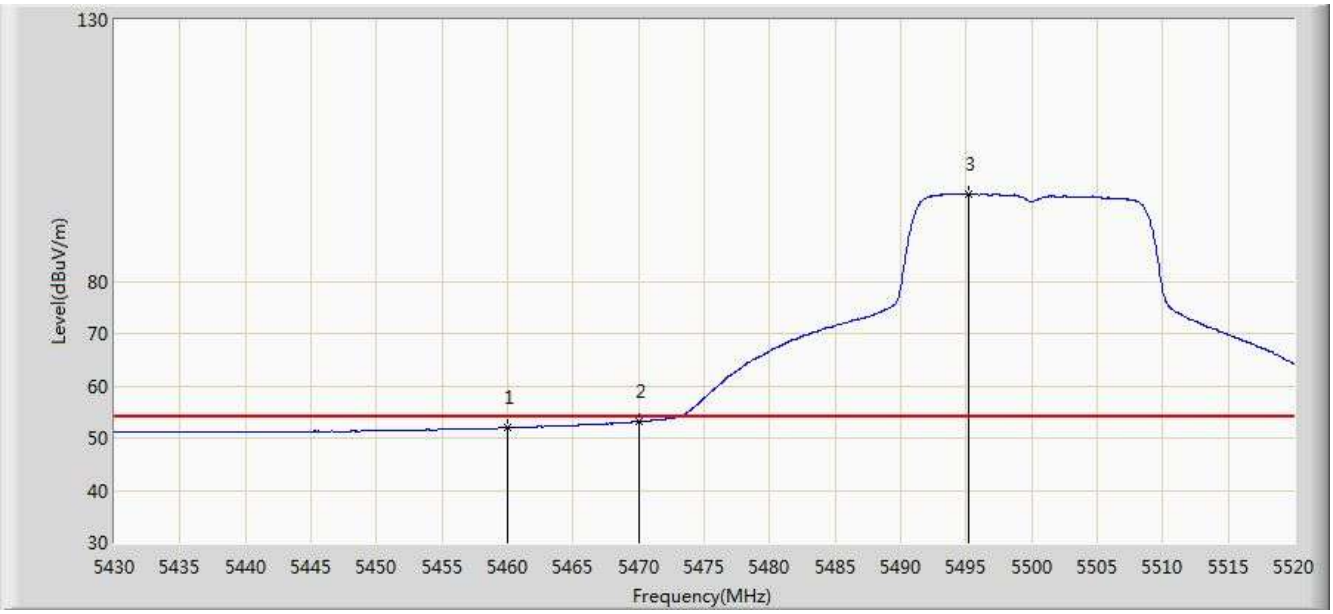


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.664	27.101	-9.336	74.000	37.563	PK
2			5469.015	68.207	30.621	-5.793	74.000	37.586	PK
3			5470.000	66.273	28.684	-7.727	74.000	37.588	PK
4		*	5496.960	109.945	72.324	N/A	N/A	37.622	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0	

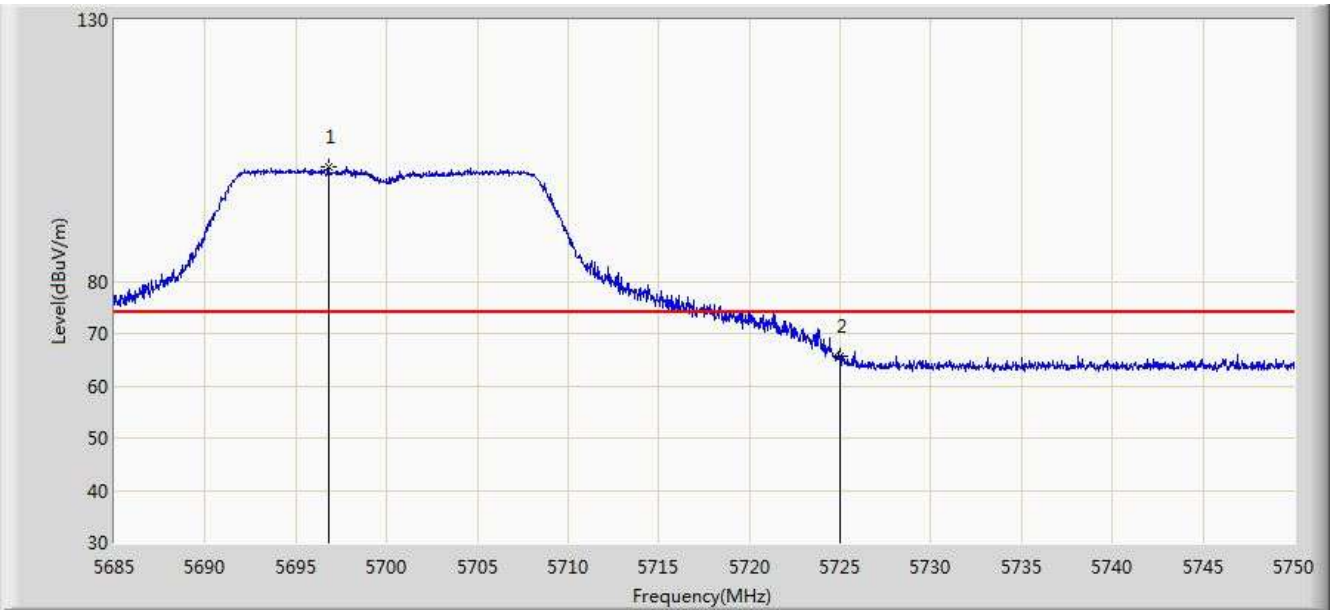


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.983	14.420	-2.017	54.000	37.563	AV
2			5470.000	53.102	15.513	-0.898	54.000	37.588	AV
3		*	5495.160	96.623	59.004	N/A	N/A	37.619	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0	

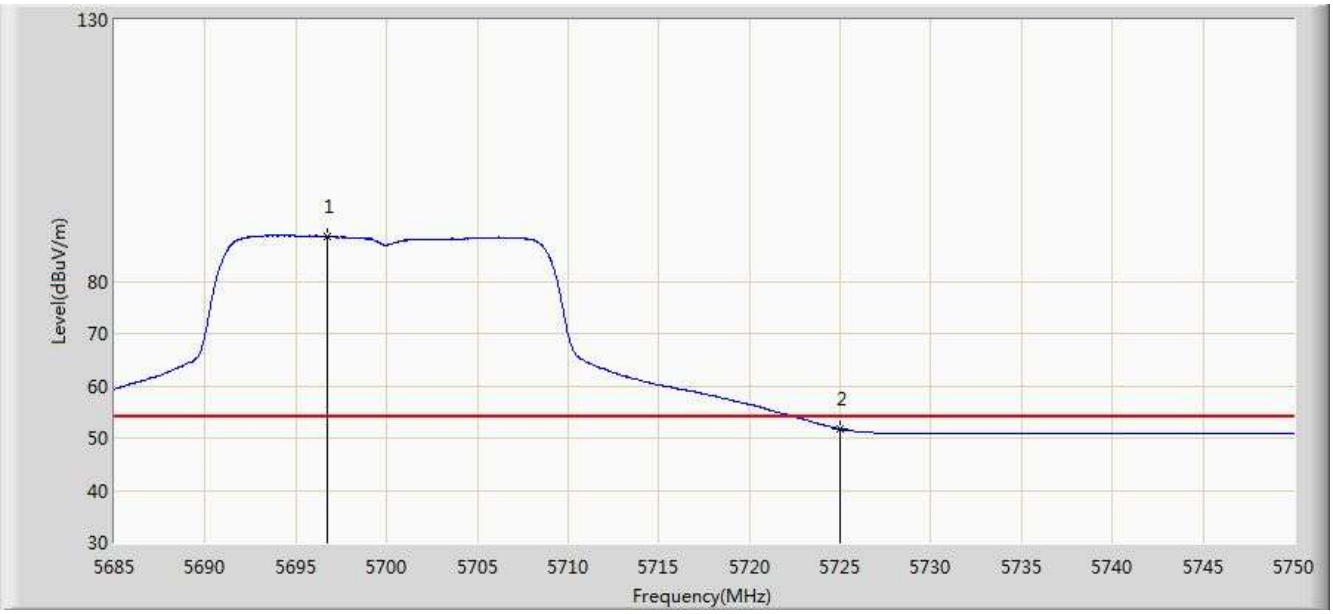


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.797	101.898	64.014	N/A	N/A	37.884	PK
2			5725.000	65.531	27.541	-8.469	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0	

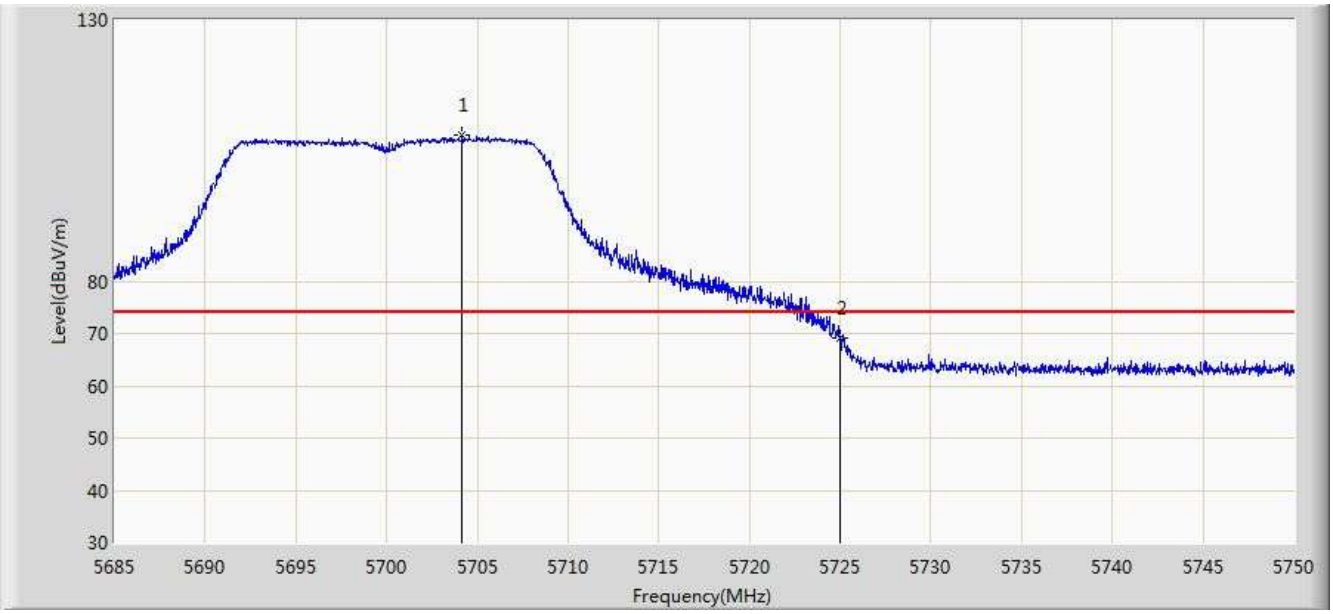


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.700	88.545	50.661	N/A	N/A	37.884	AV
2			5725.000	51.699	13.709	-2.301	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0	

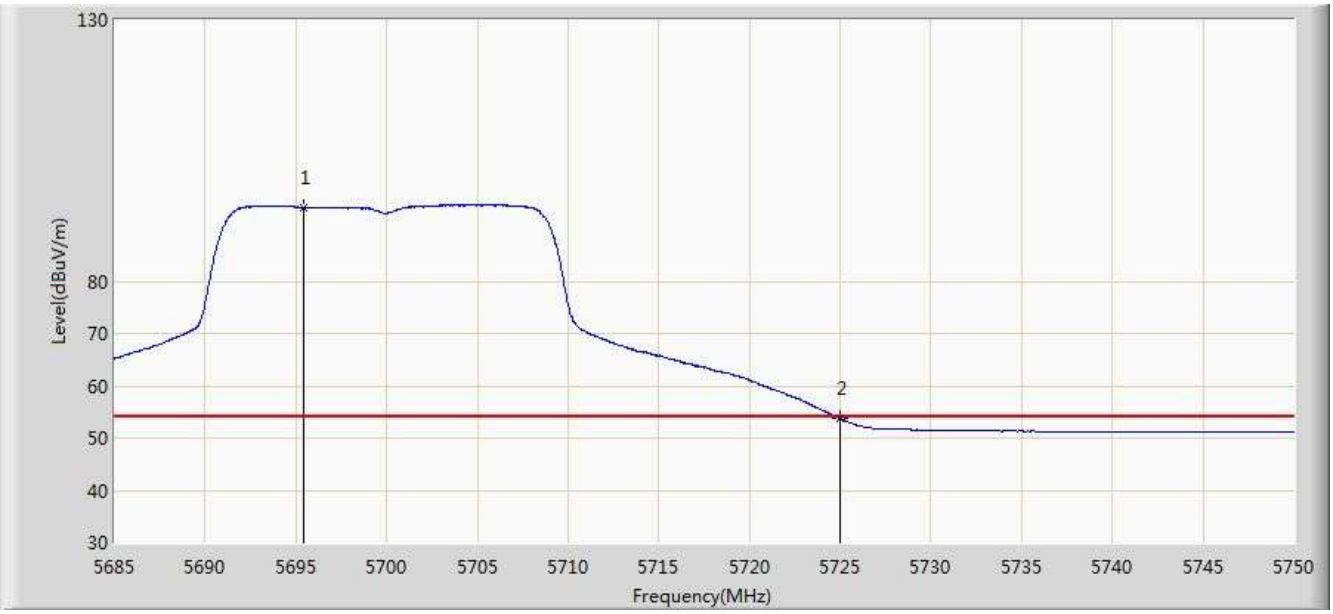


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.175	108.069	70.164	N/A	N/A	37.905	PK
2			5725.000	69.170	31.180	-4.830	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 01:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0	

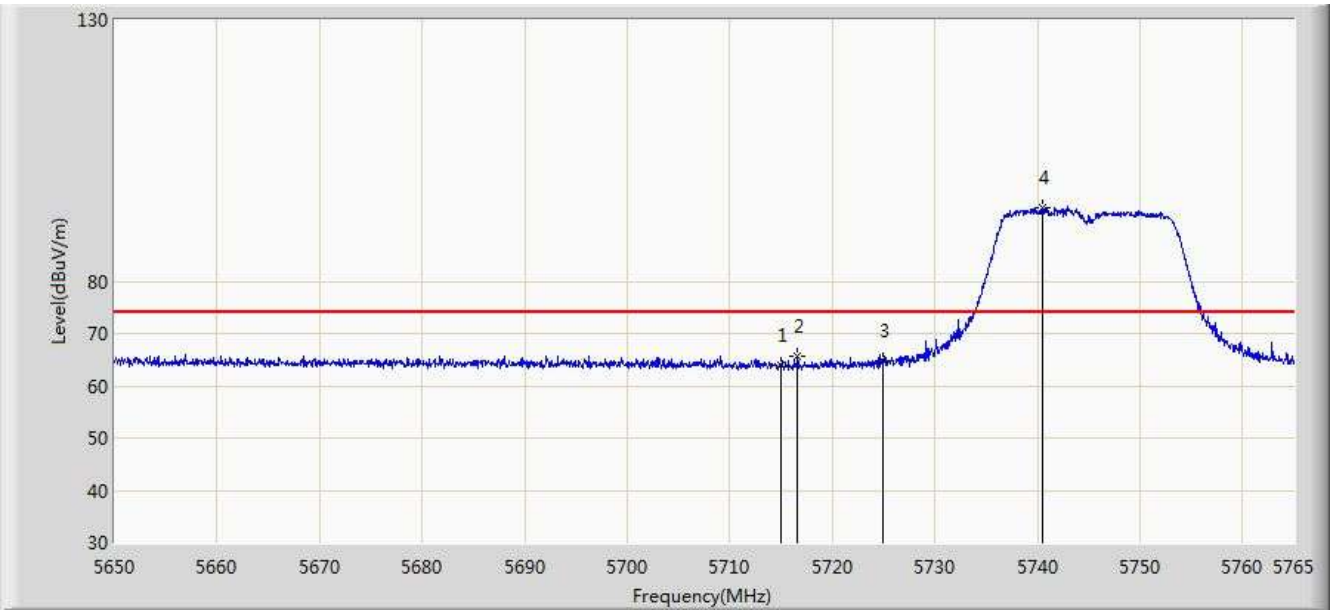


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.465	94.179	56.298	N/A	N/A	37.881	AV
2			5725.000	53.743	15.753	-0.257	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0	

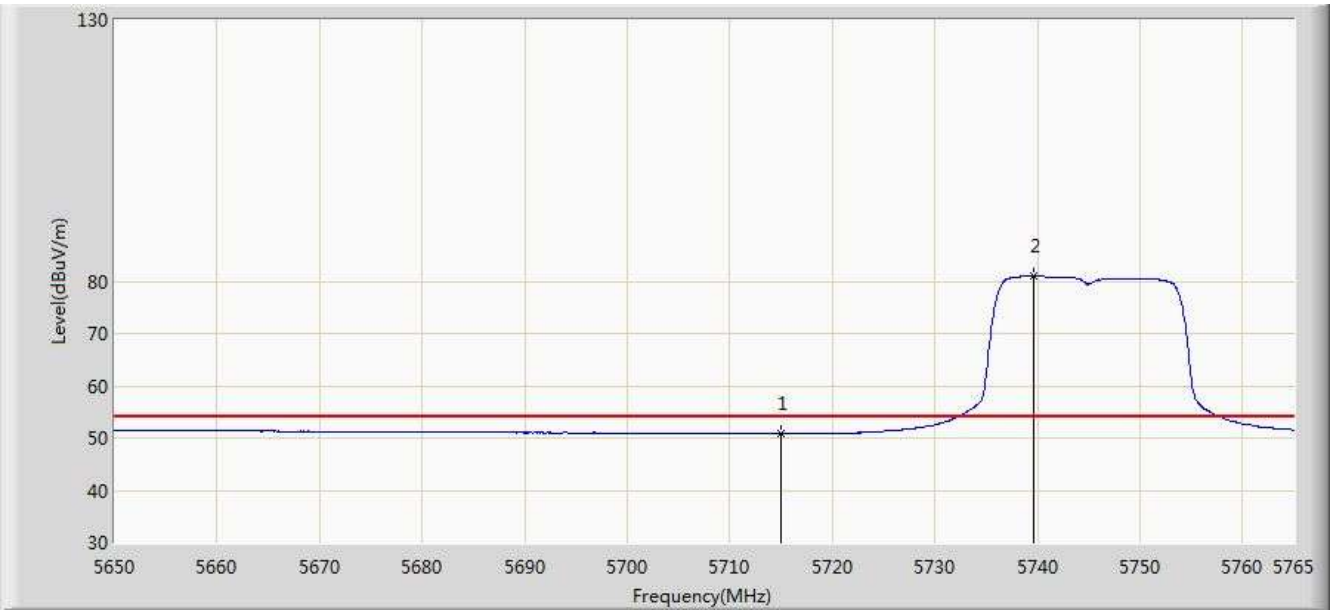


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.781	25.832	-10.219	74.000	37.949	PK
2			5716.643	65.781	27.825	-12.419	78.200	37.956	PK
3			5725.000	64.870	26.880	-13.330	78.200	37.990	PK
4		*	5740.562	94.146	56.093	N/A	N/A	38.053	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0	

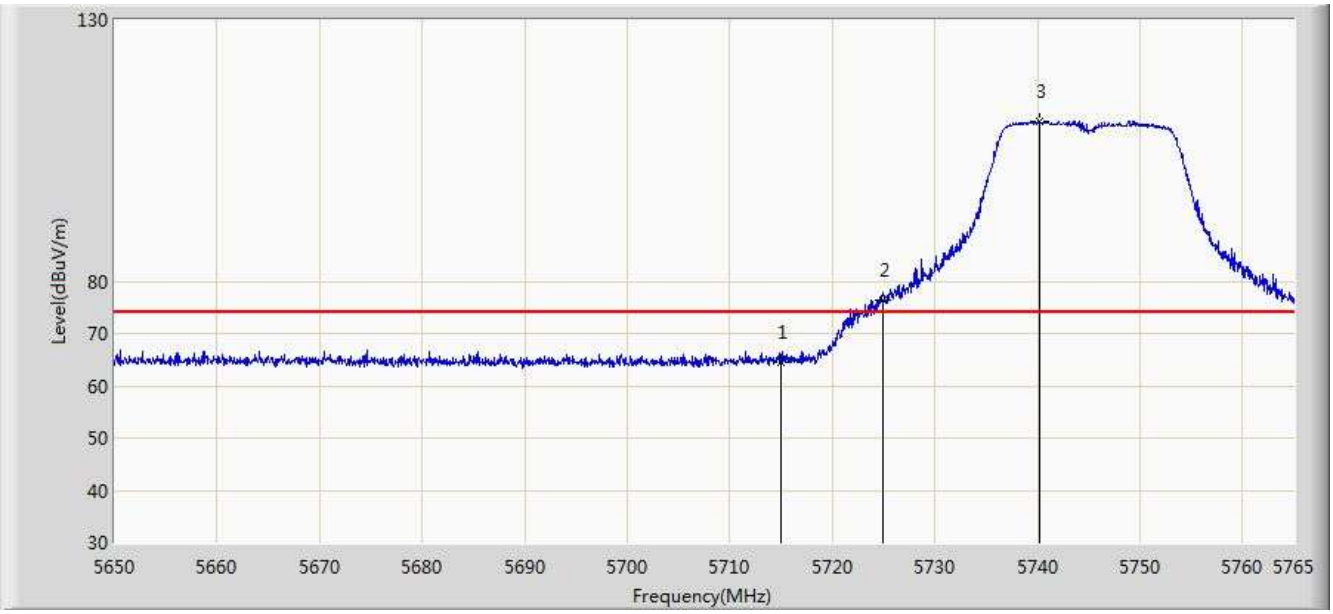


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.770	12.821	-3.230	54.000	37.949	AV
2		*	5739.700	80.921	42.871	N/A	N/A	38.050	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0	

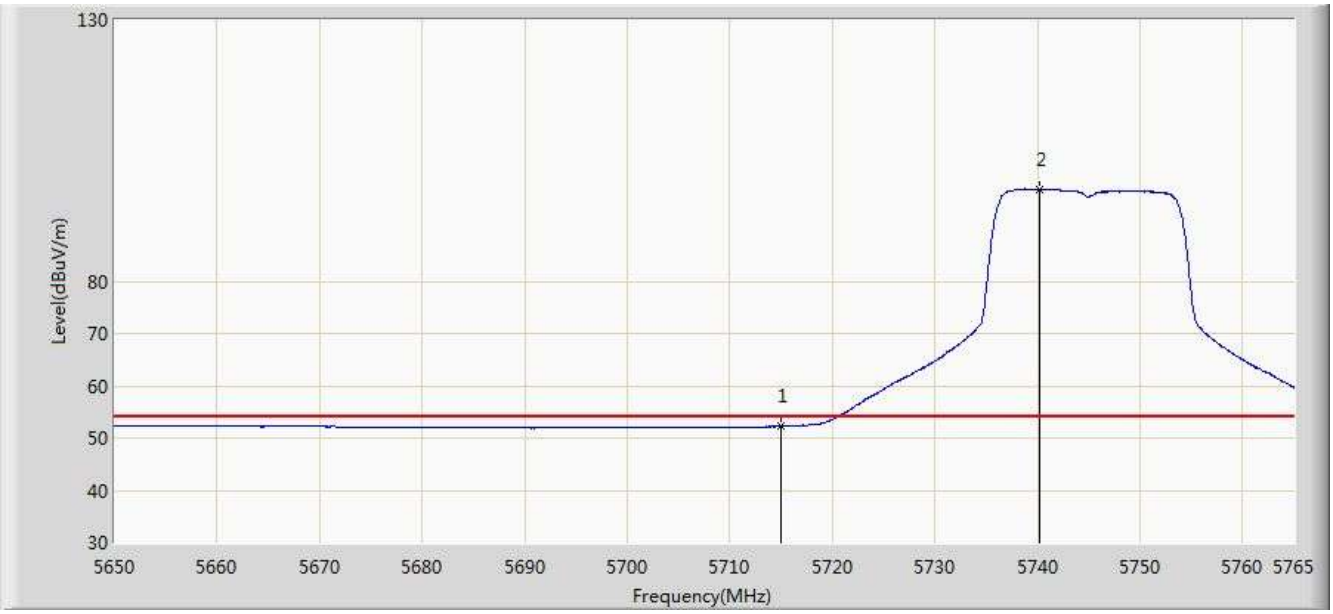


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.441	26.492	-9.559	74.000	37.949	PK
2			5725.000	76.414	38.424	-1.786	78.200	37.990	PK
3		*	5740.275	110.704	72.652	N/A	N/A	38.052	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0	

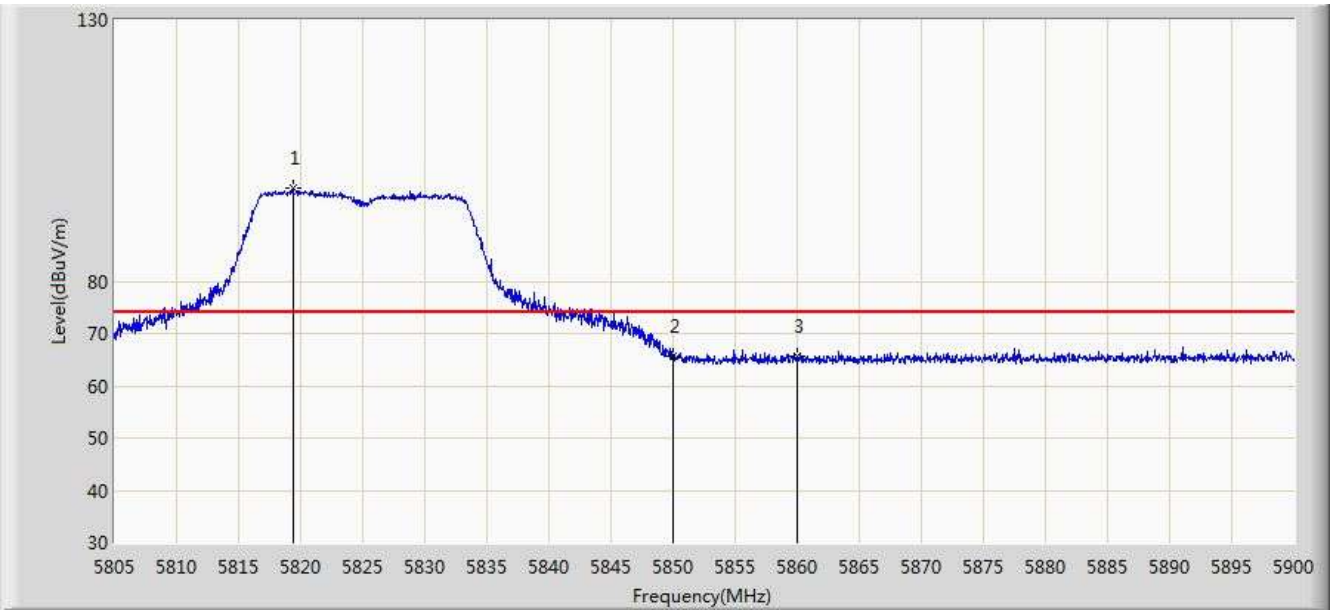


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.256	14.307	-1.744	54.000	37.949	AV
2		*	5740.275	97.557	59.505	N/A	N/A	38.052	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0	

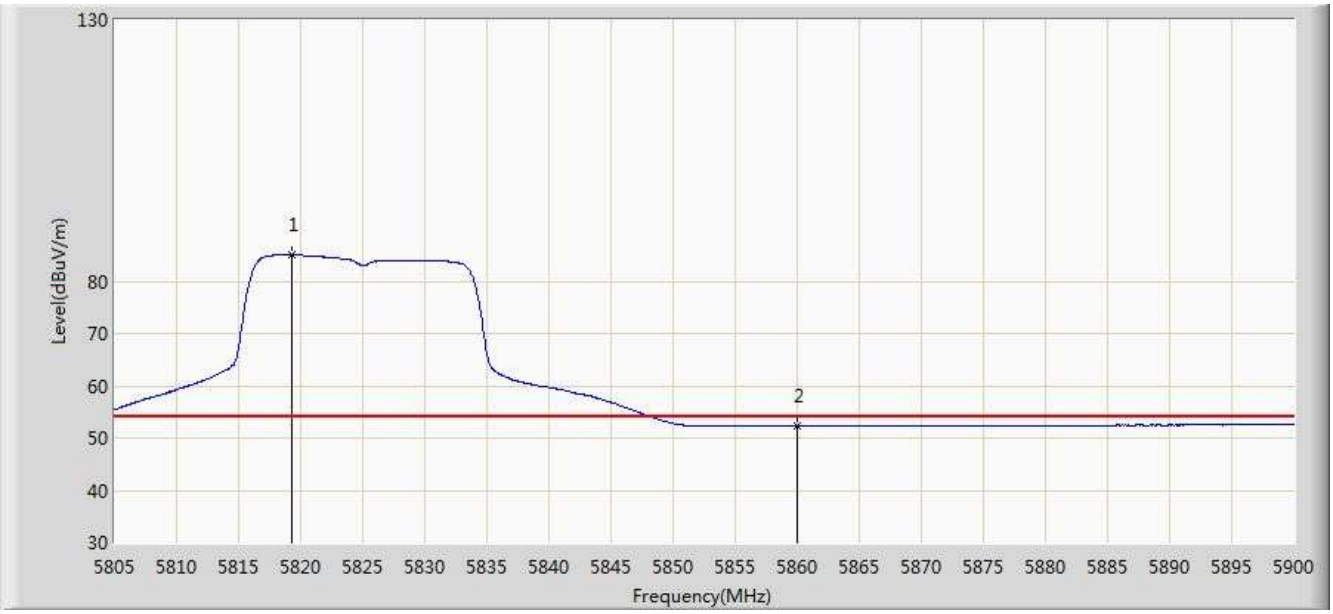


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.393	97.881	59.549	N/A	N/A	38.332	PK
2			5850.000	65.776	27.323	-12.424	78.200	38.454	PK
3			5860.000	65.616	27.138	-8.384	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0	

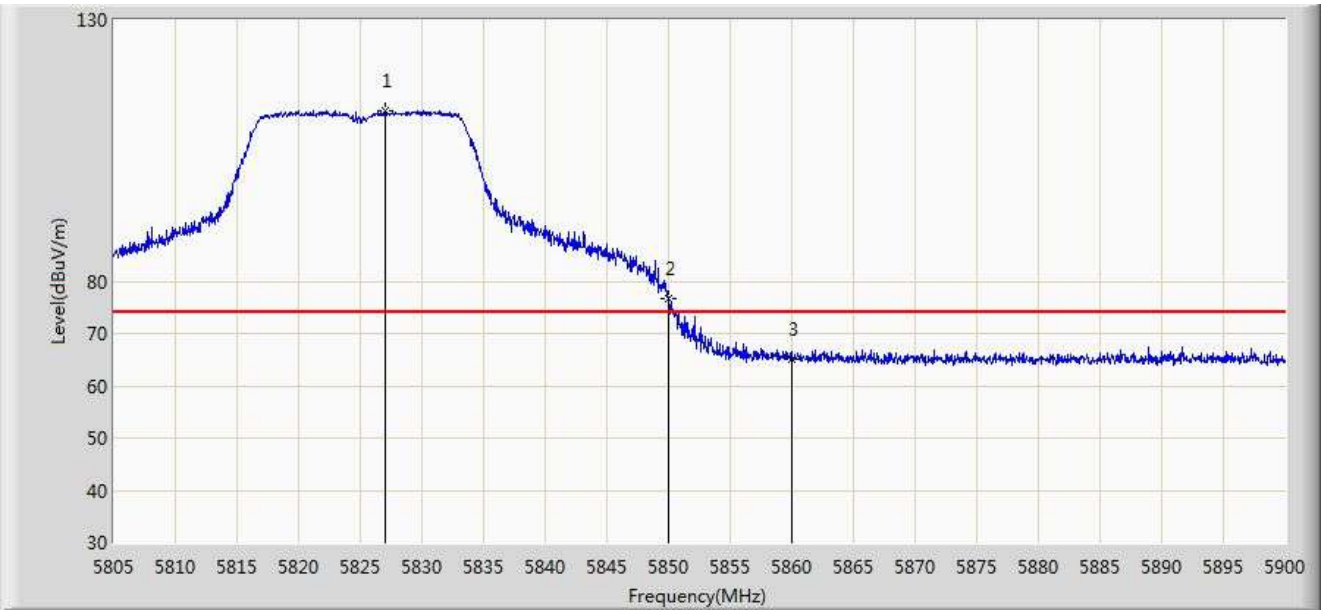


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	85.062	46.730	N/A	N/A	38.332	AV
2			5860.000	52.263	13.785	-1.737	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0	

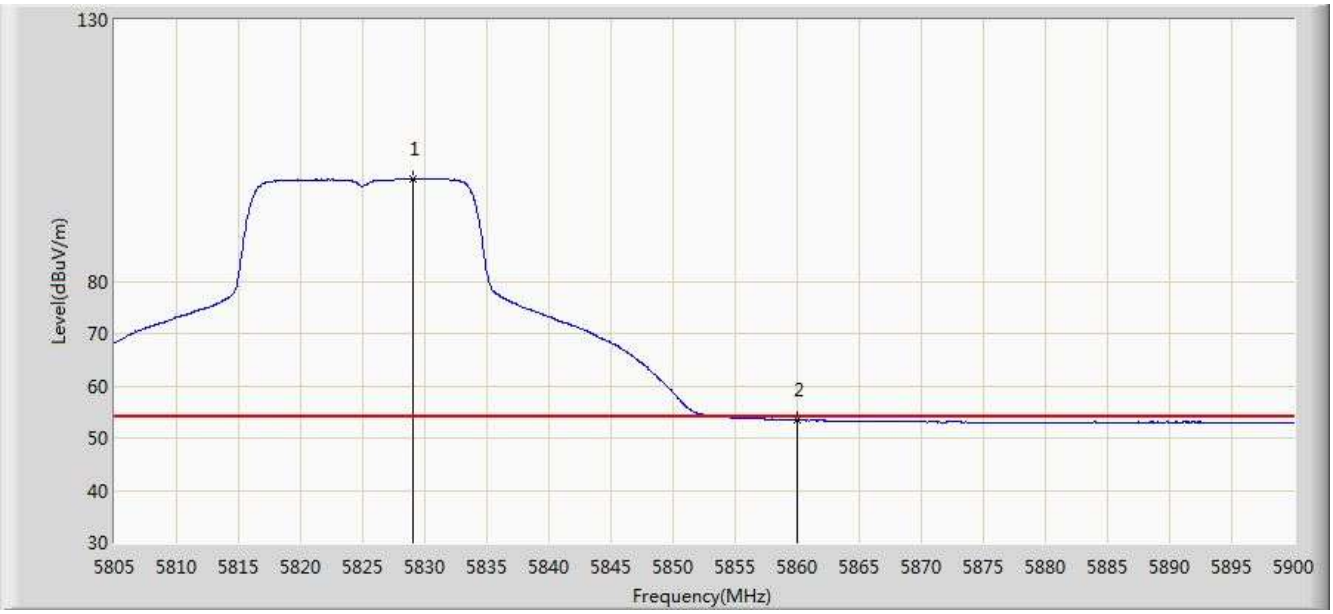


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.993	112.557	74.193	N/A	N/A	38.364	PK
2			5850.000	76.735	38.282	-1.465	78.200	38.454	PK
3			5860.000	65.085	26.607	-8.915	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0	

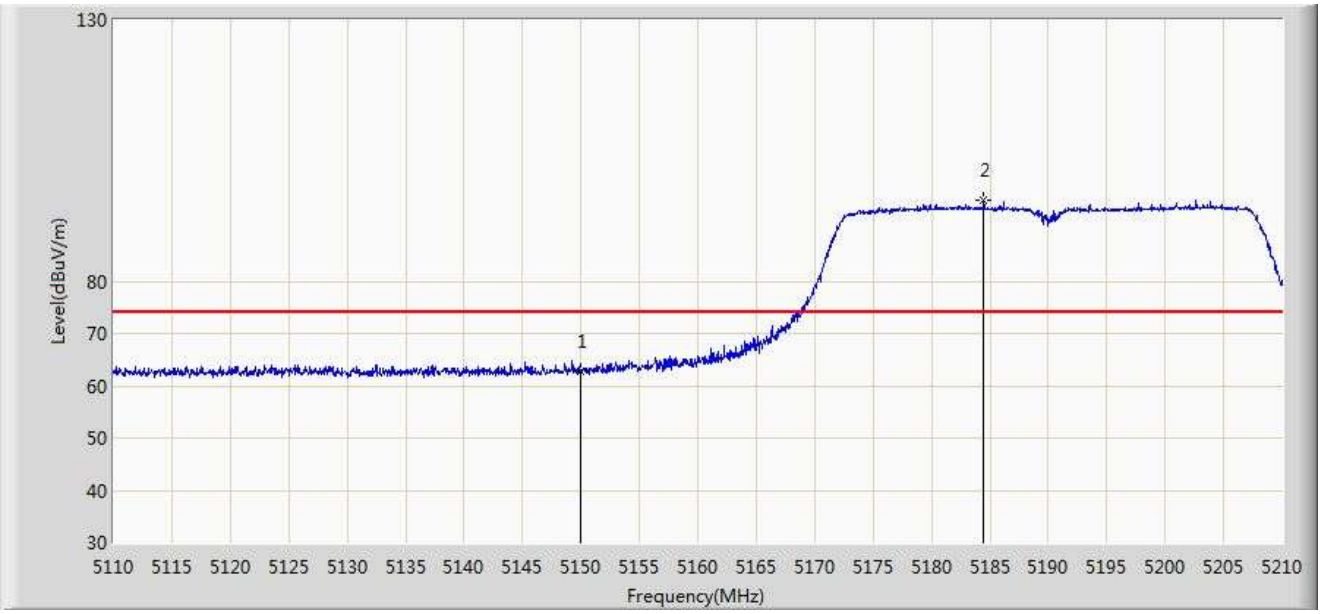


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.035	99.468	61.095	N/A	N/A	38.373	AV
2			5860.000	53.436	14.958	-0.564	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.873	25.421	-11.127	74.000	37.452	PK
2		*	5184.450	95.444	58.081	N/A	N/A	37.363	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

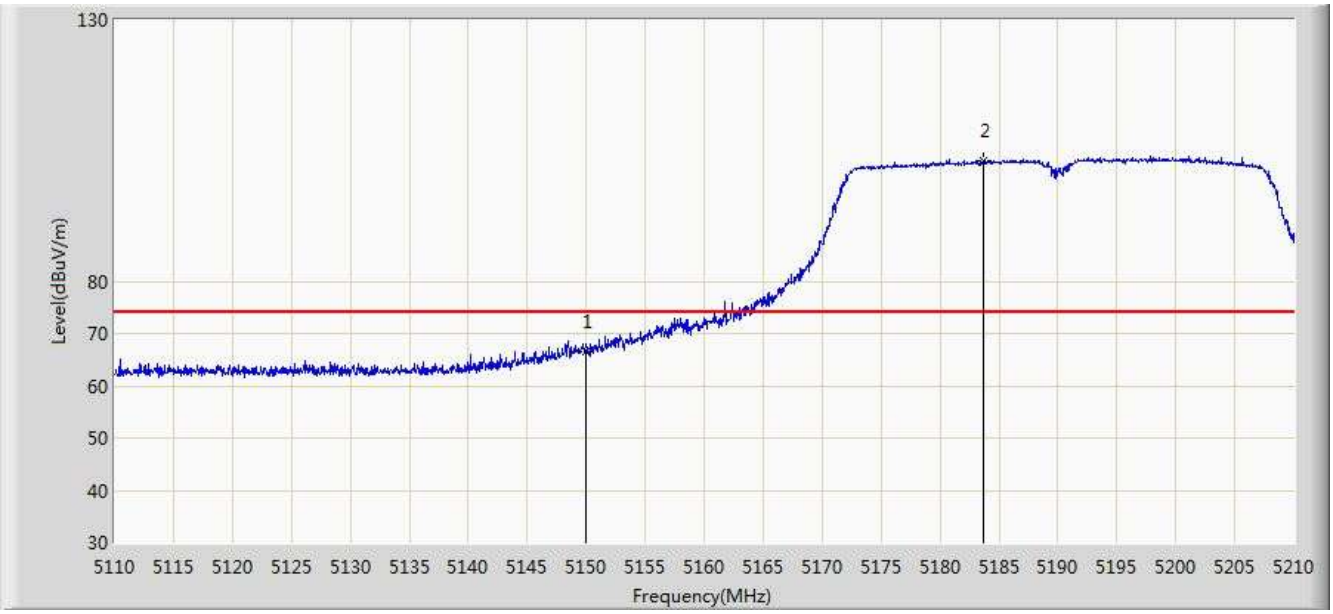
Site: AC1	Time: 2015/04/24 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.397	12.945	-3.603	54.000	37.452	AV
2		*	5185.700	81.510	44.150	N/A	N/A	37.359	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.431	28.979	-7.569	74.000	37.452	PK
2		*	5183.650	103.147	65.782	N/A	N/A	37.365	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

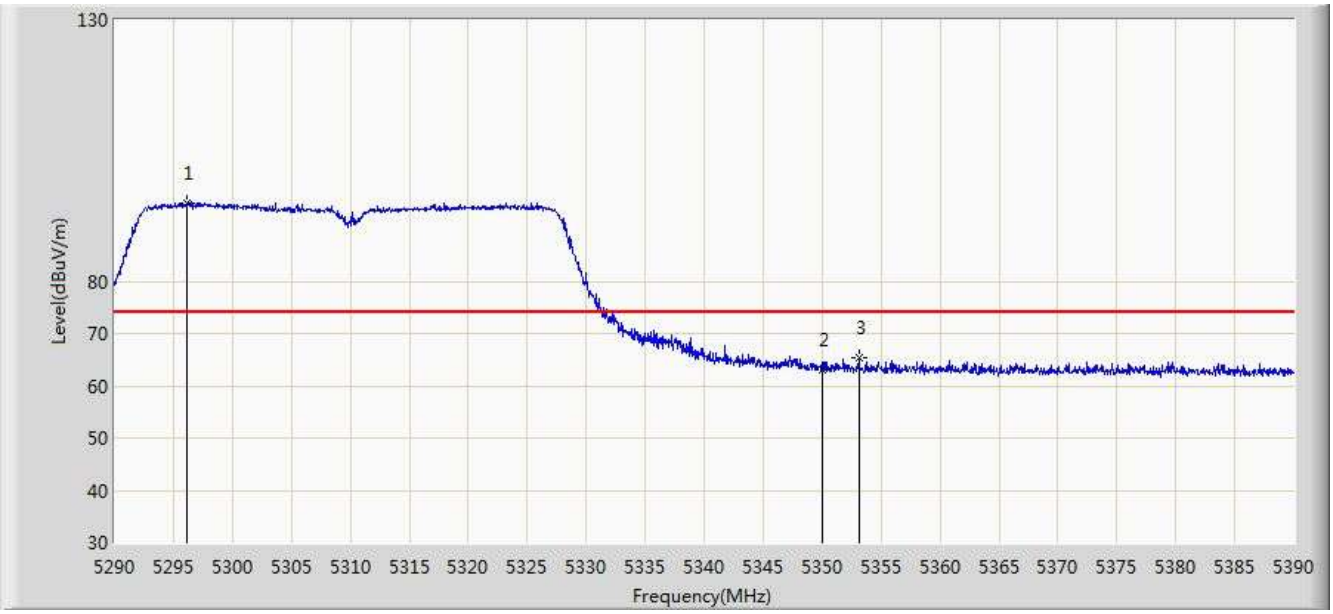
Site: AC1	Time: 2015/04/24 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.538	16.086	-0.462	54.000	37.452	AV
2		*	5193.450	90.257	52.916	N/A	N/A	37.341	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0	

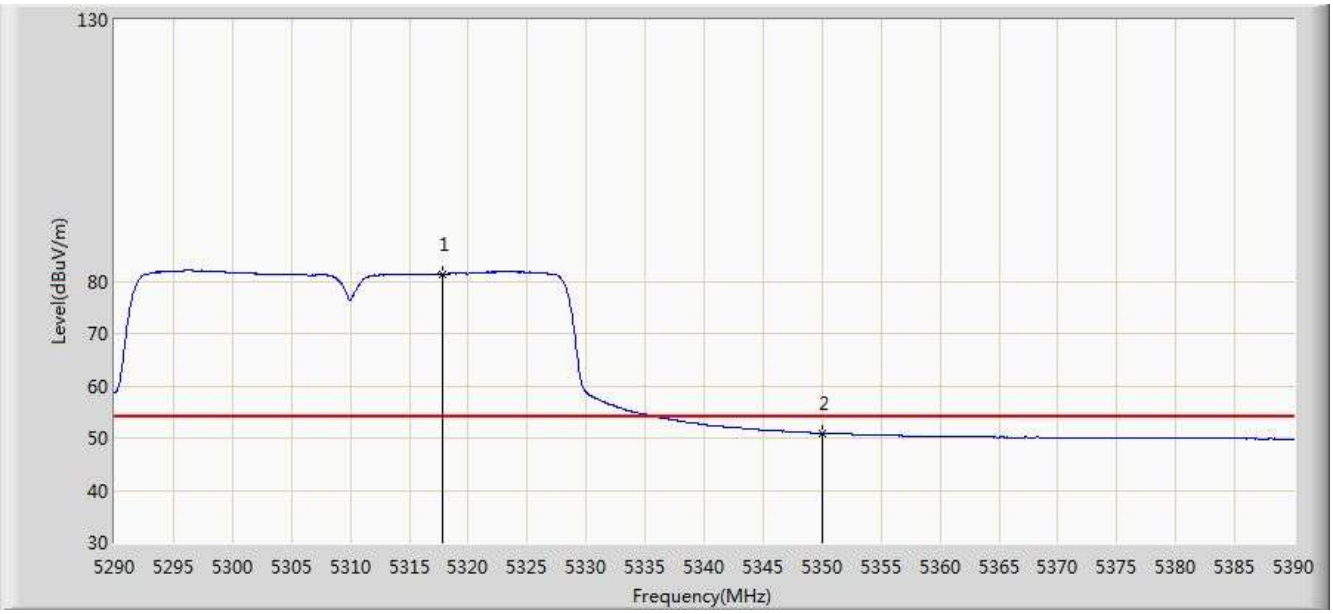


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.100	95.069	57.890	N/A	N/A	37.178	PK
2			5350.000	63.114	25.828	-10.886	74.000	37.286	PK
3			5353.150	65.456	28.160	-8.544	74.000	37.296	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0	

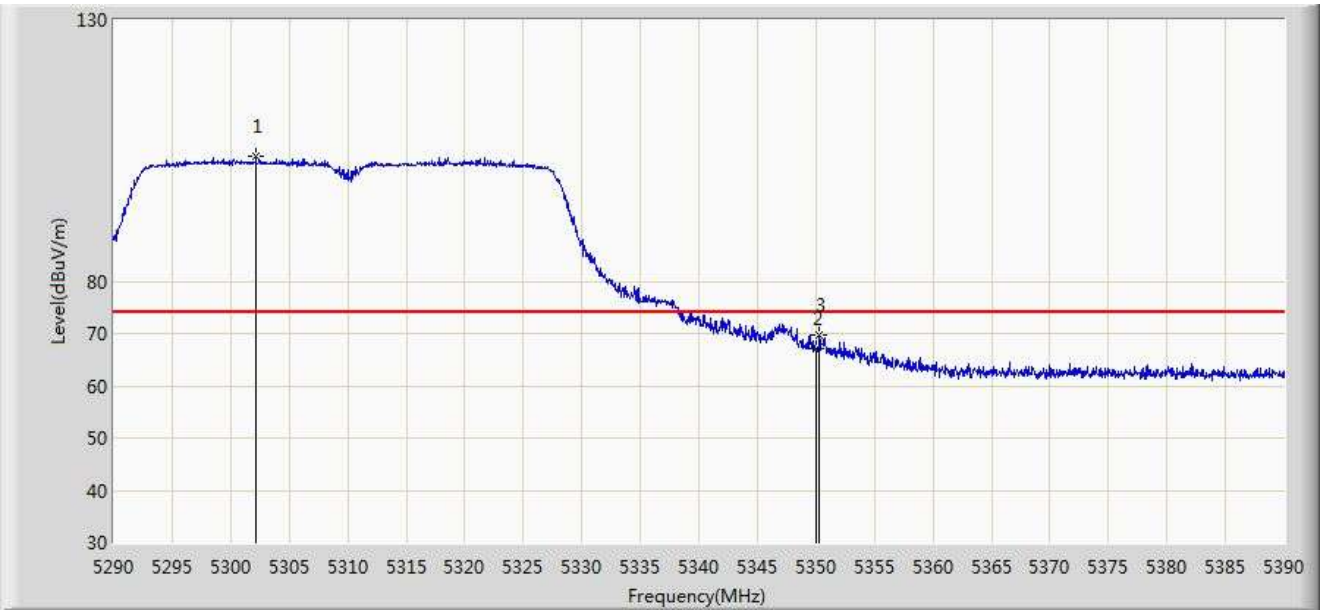


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.800	81.414	44.204	N/A	N/A	37.210	AV
2			5350.000	50.934	13.648	-3.066	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0	

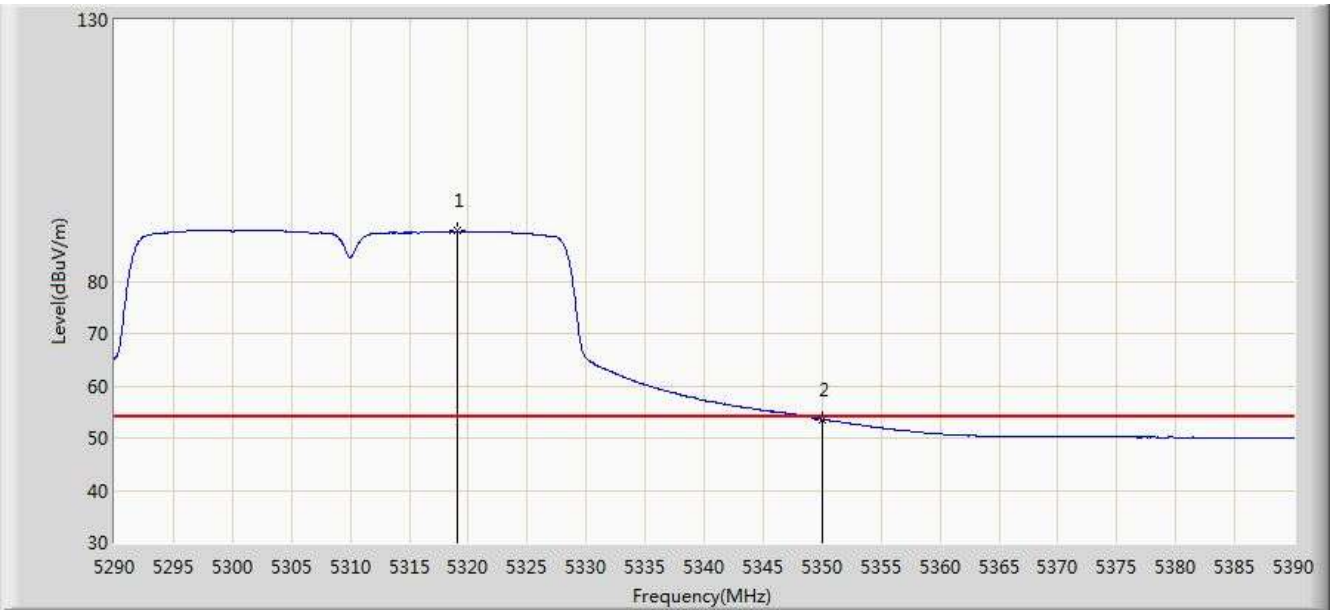


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5302.150	103.805	66.616	N/A	N/A	37.189	PK
2			5350.000	67.071	29.785	-6.929	74.000	37.286	PK
3			5350.300	69.728	32.441	-4.272	74.000	37.288	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0	

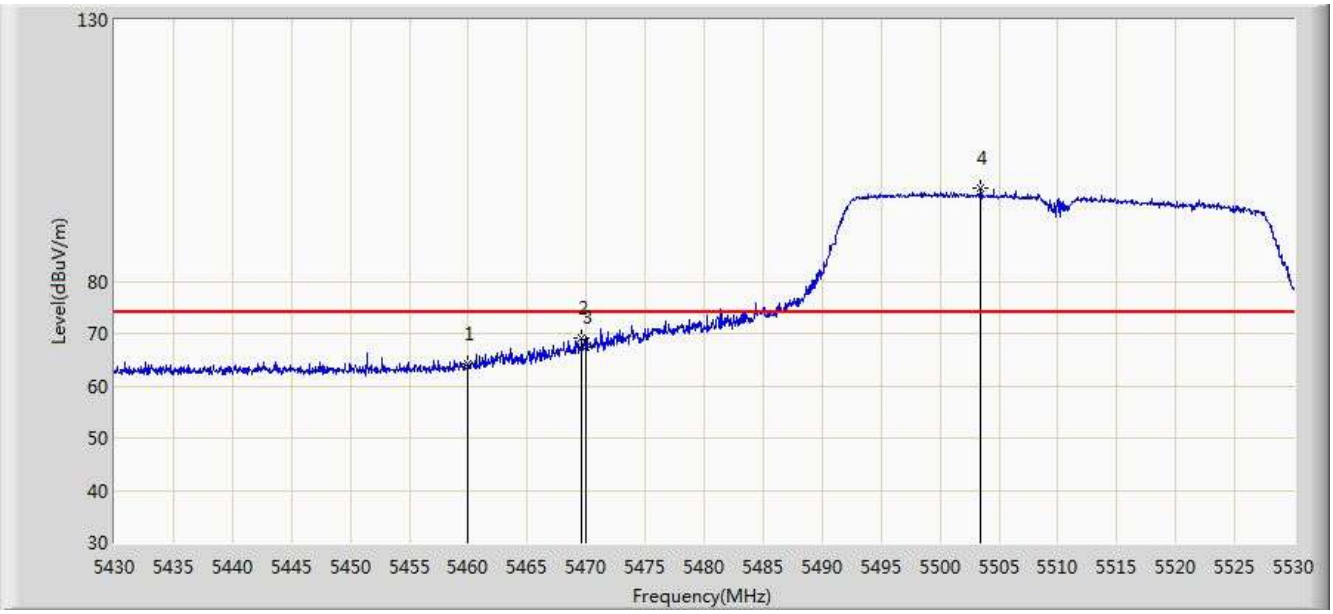


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.050	89.579	52.367	N/A	N/A	37.212	AV
2			5350.000	53.565	16.279	-0.435	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0	

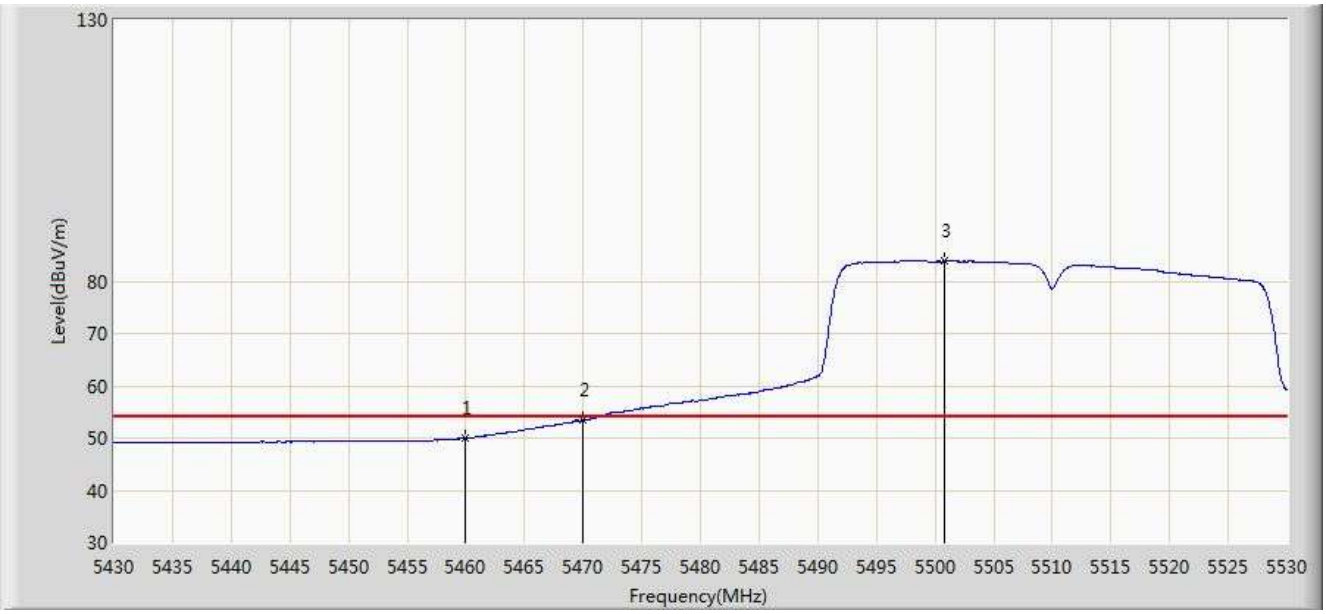


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.124	26.561	-9.876	74.000	37.563	PK
2			5469.600	69.195	31.607	-4.805	74.000	37.588	PK
3			5470.000	67.255	29.667	-6.745	74.000	37.588	PK
4		*	5503.450	97.961	60.333	N/A	N/A	37.628	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0	

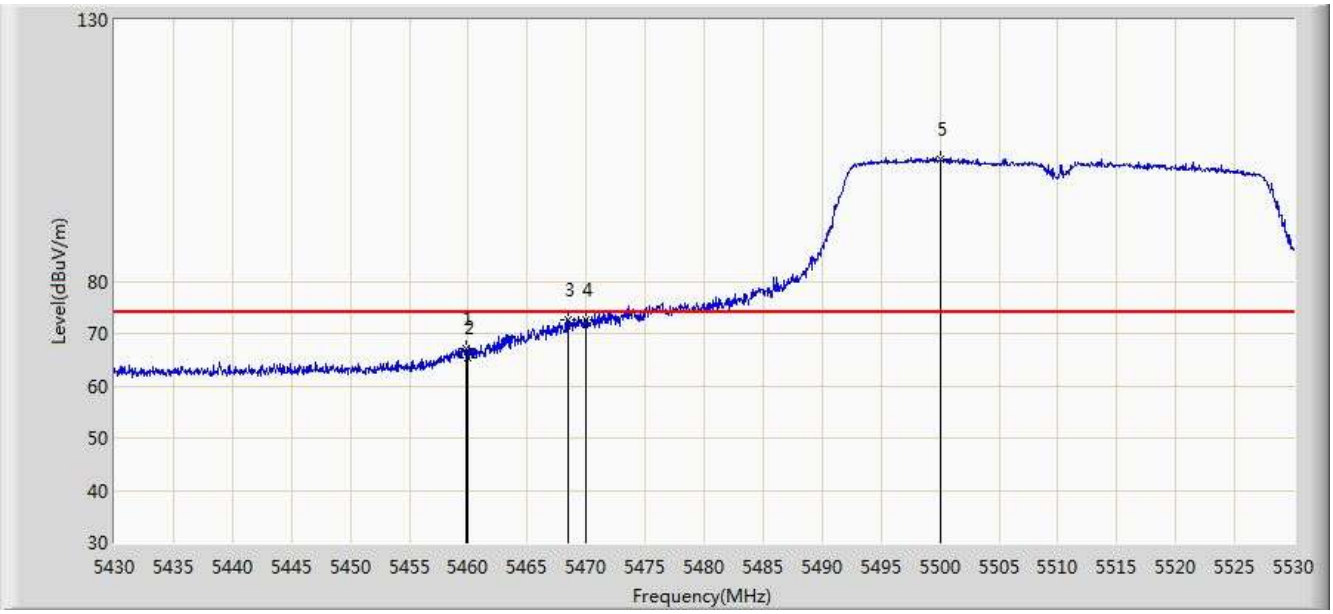


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.983	12.420	-4.017	54.000	37.563	AV
2			5470.000	53.422	15.833	-0.578	54.000	37.588	AV
3		*	5500.800	83.823	46.198	N/A	N/A	37.625	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0	

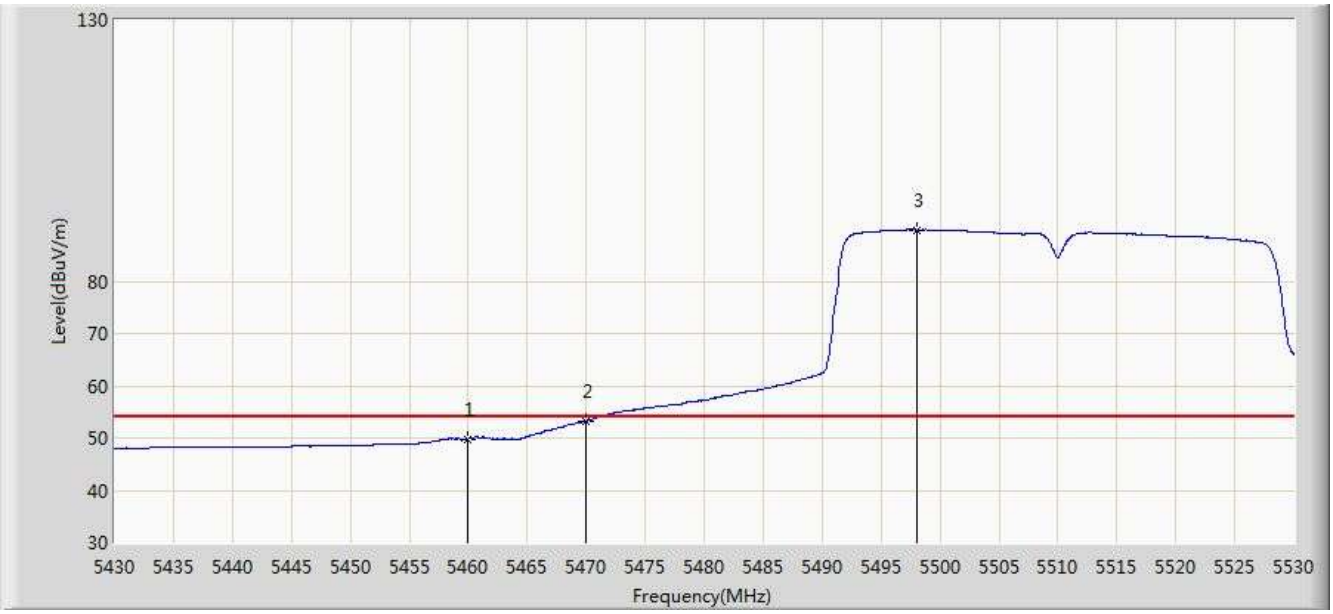


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.800	67.005	29.443	-6.995	74.000	37.562	PK
2			5460.000	65.463	27.900	-8.537	74.000	37.563	PK
3			5468.500	72.596	35.011	-1.404	74.000	37.585	PK
4			5470.000	72.469	34.881	-1.531	74.000	37.588	PK
5		*	5500.050	103.374	65.749	N/A	N/A	37.625	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0	

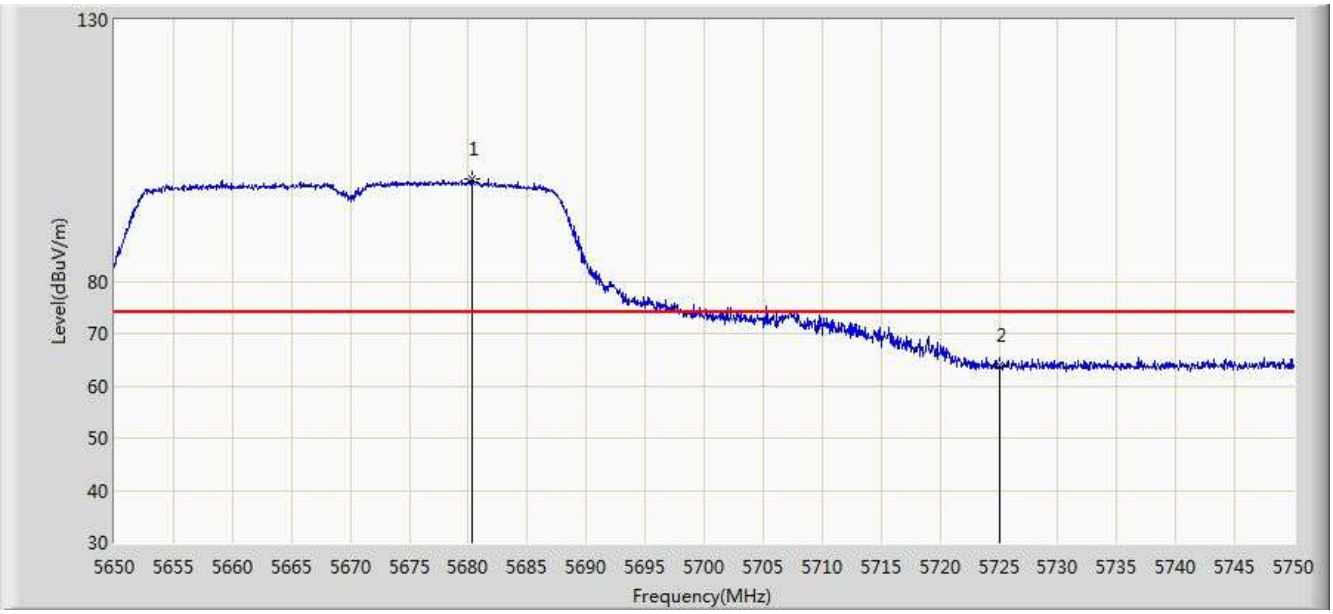


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.832	12.269	-4.168	54.000	37.563	AV
2			5470.000	53.260	15.671	-0.740	54.000	37.588	AV
3		*	5498.100	89.793	52.171	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0	

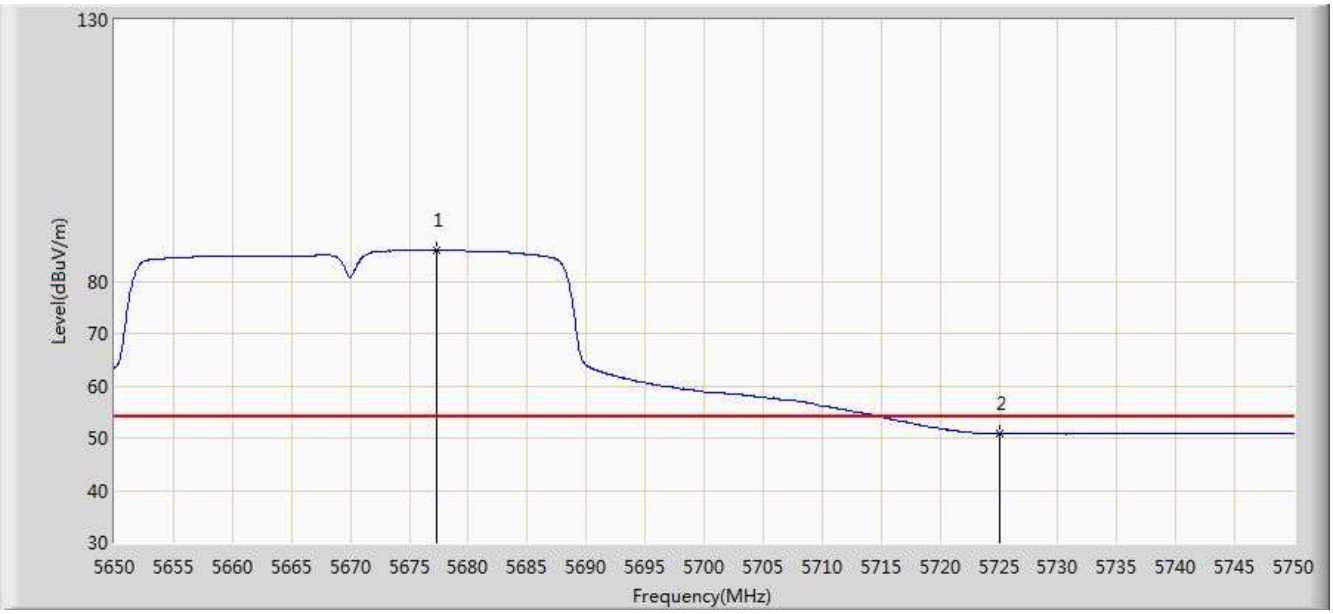


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5680.350	99.427	61.594	N/A	N/A	37.832	PK
2			5725.000	63.794	25.804	-10.206	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0	

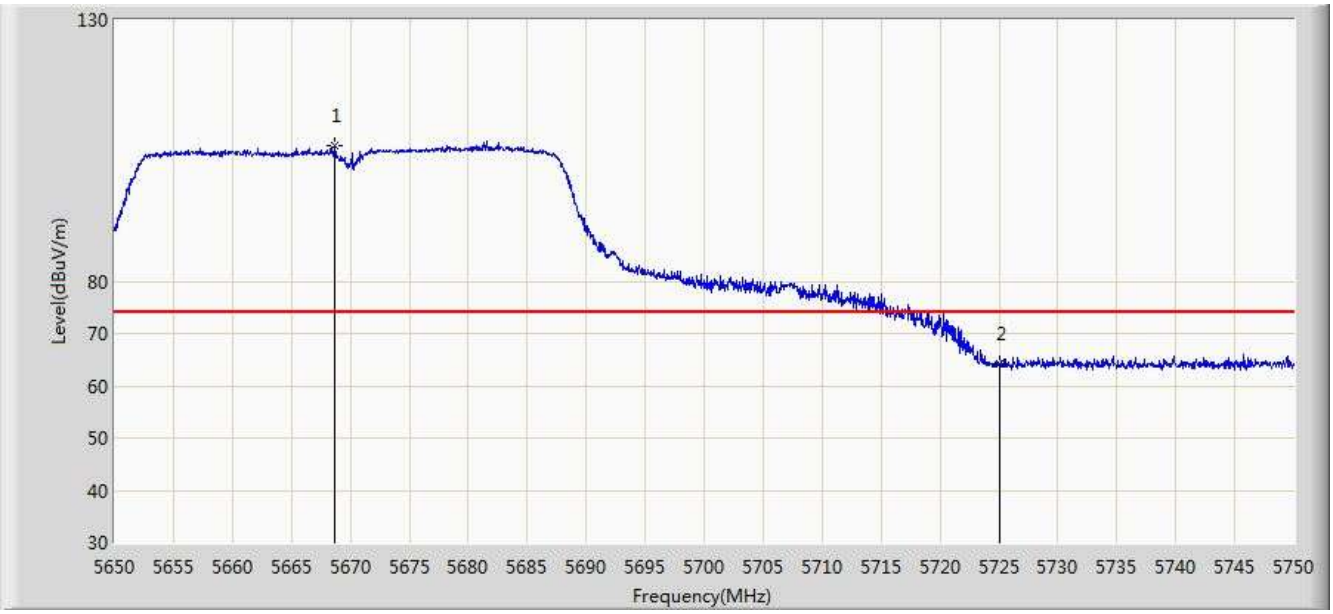


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5677.350	86.059	48.236	N/A	N/A	37.824	AV
2			5725.000	50.800	12.810	-3.200	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0	

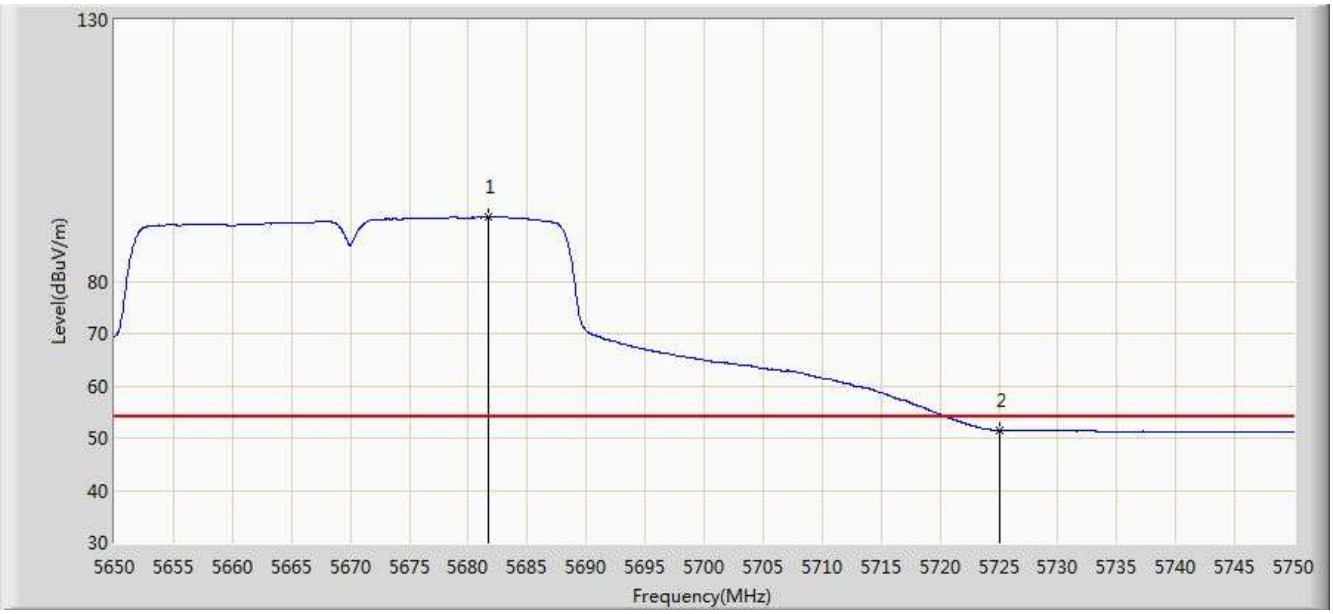


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5668.700	105.944	68.136	N/A	N/A	37.808	PK
2			5725.000	64.213	26.223	-9.787	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/24 - 02:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0	

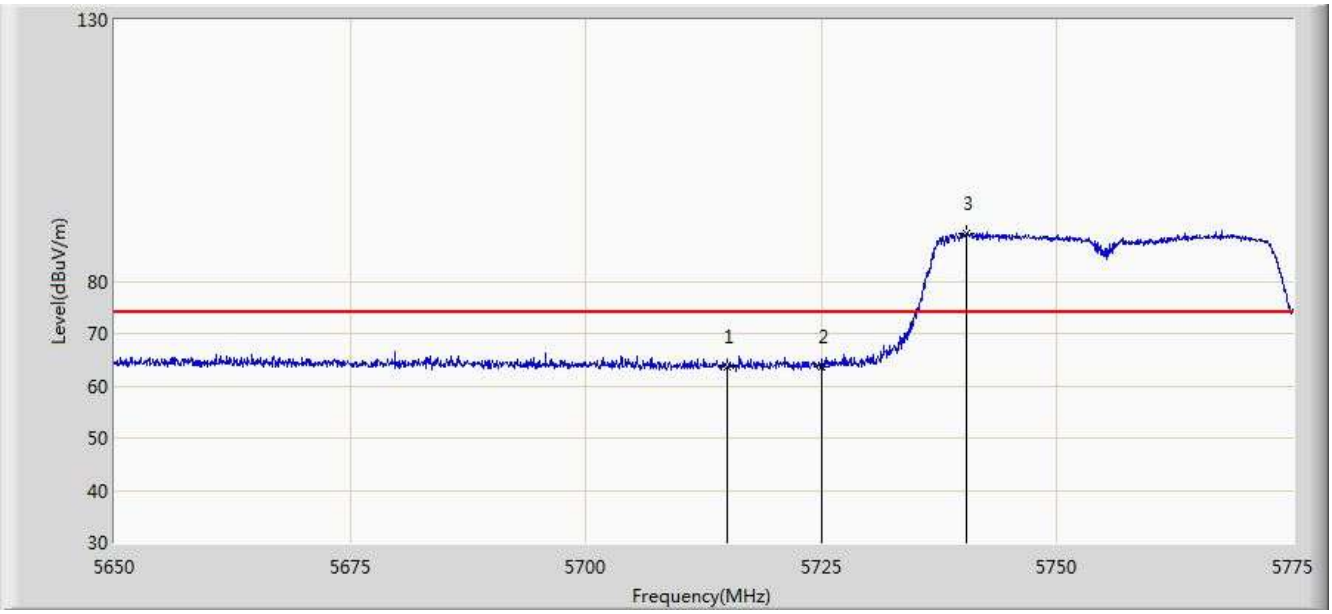


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5681.750	92.271	54.434	N/A	N/A	37.838	AV
2			5725.000	51.515	13.525	-2.485	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0	

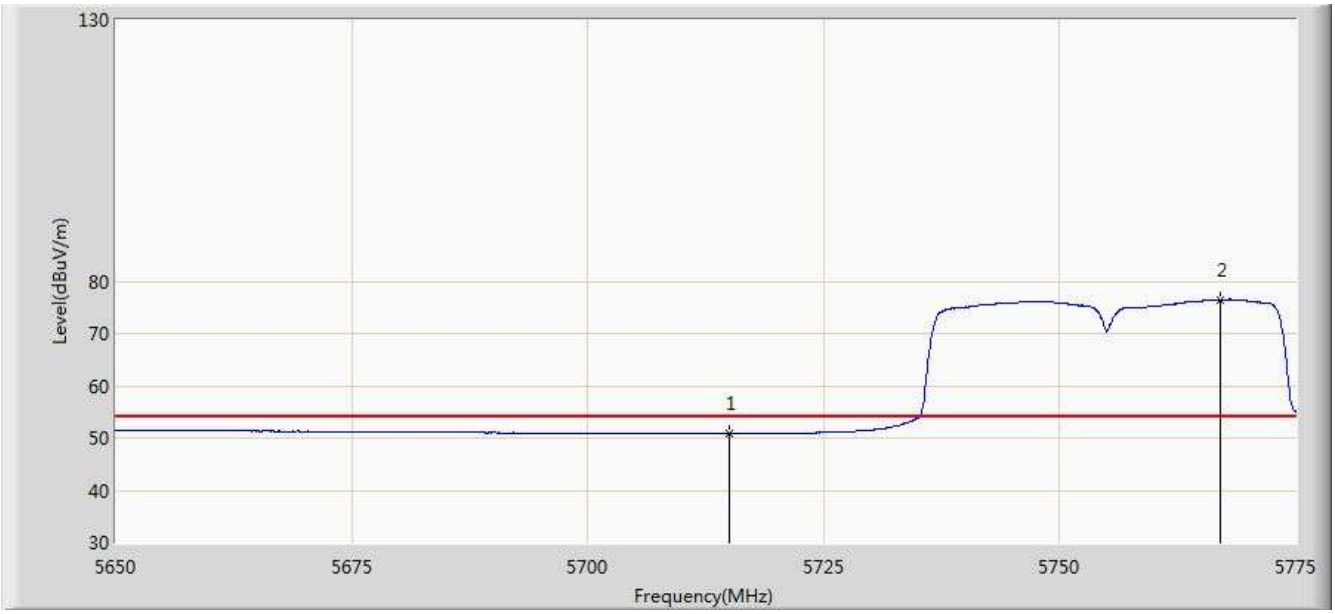


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.564	25.615	-10.436	74.000	37.949	PK
2			5725.000	63.697	25.707	-14.503	78.200	37.990	PK
3		*	5740.437	89.250	51.197	N/A	N/A	38.052	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0	

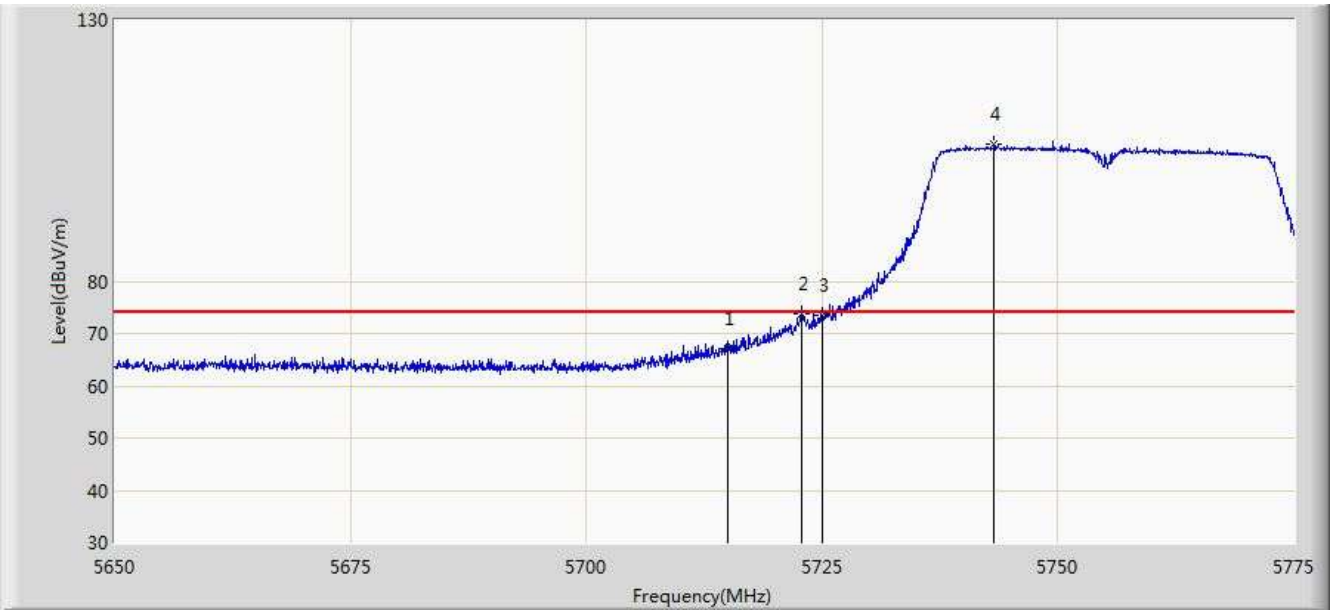


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.817	12.868	-3.183	54.000	37.949	AV
2		*	5766.937	76.452	38.294	N/A	N/A	38.158	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0	

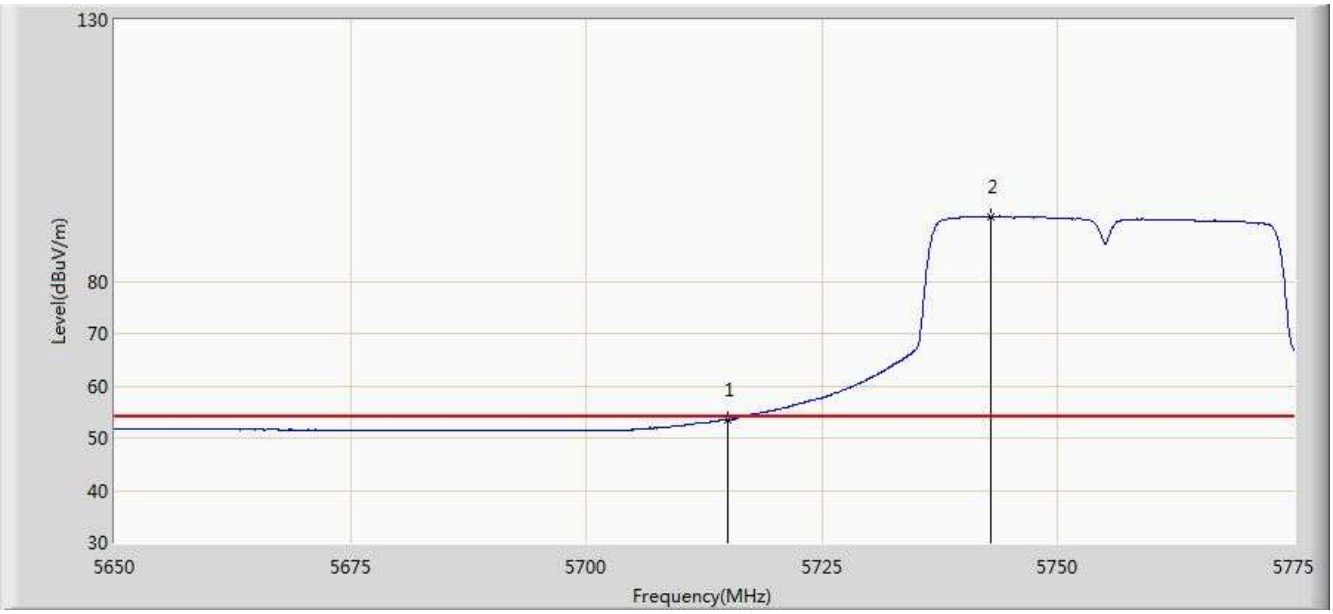


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.059	29.110	-6.941	74.000	37.949	PK
2			5722.812	73.912	35.931	-4.288	78.200	37.980	PK
3			5725.000	73.503	35.513	-4.697	78.200	37.990	PK
4		*	5743.250	106.249	68.186	N/A	N/A	38.063	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0	

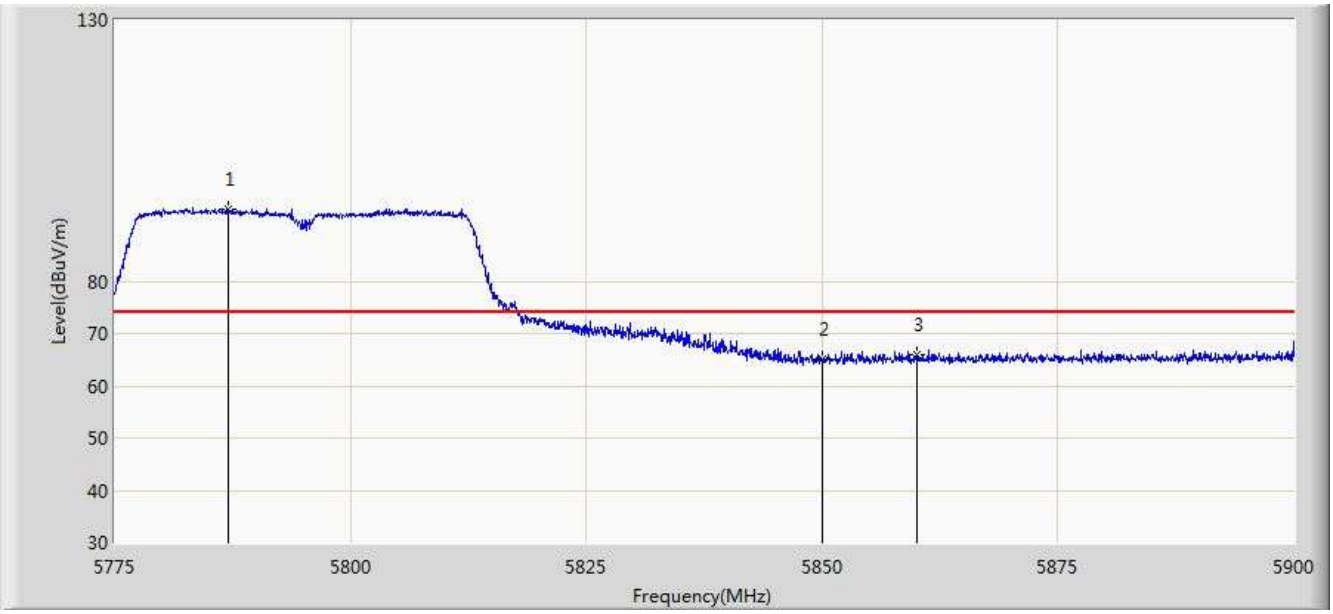


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.512	15.563	-0.488	54.000	37.949	AV
2		*	5742.875	92.399	54.337	N/A	N/A	38.062	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 01:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0	

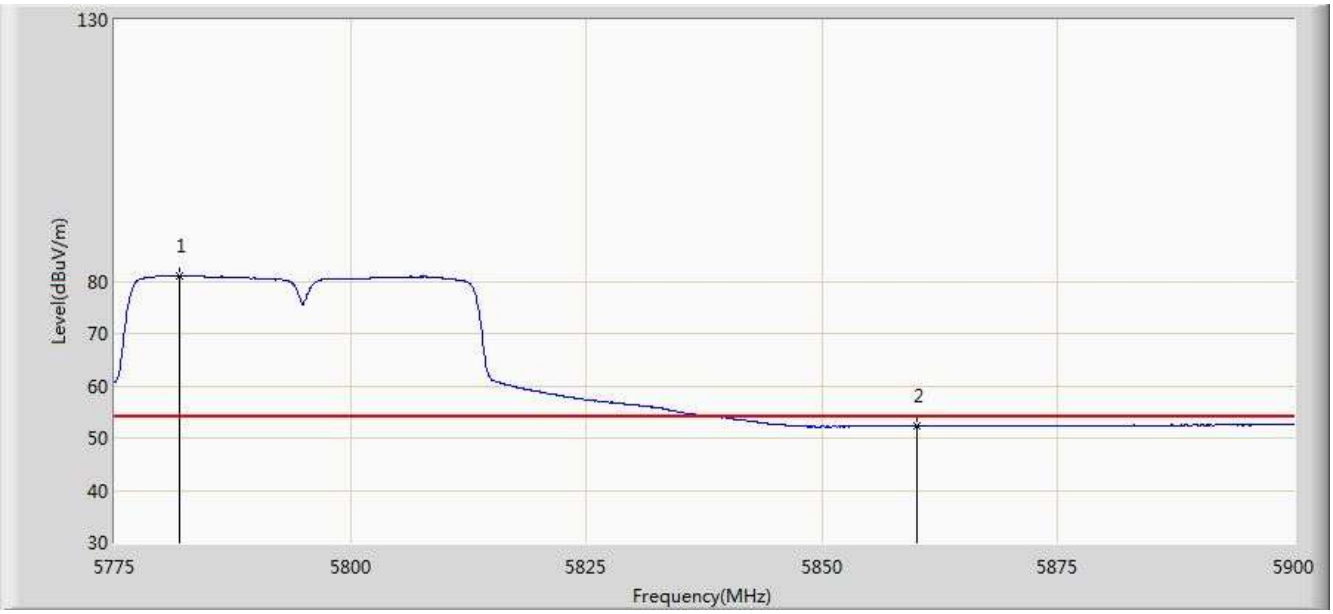


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.000	93.826	55.606	N/A	N/A	38.220	PK
2			5850.000	64.934	26.481	-13.266	78.200	38.454	PK
3			5860.000	65.950	27.472	-8.050	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 01:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0	

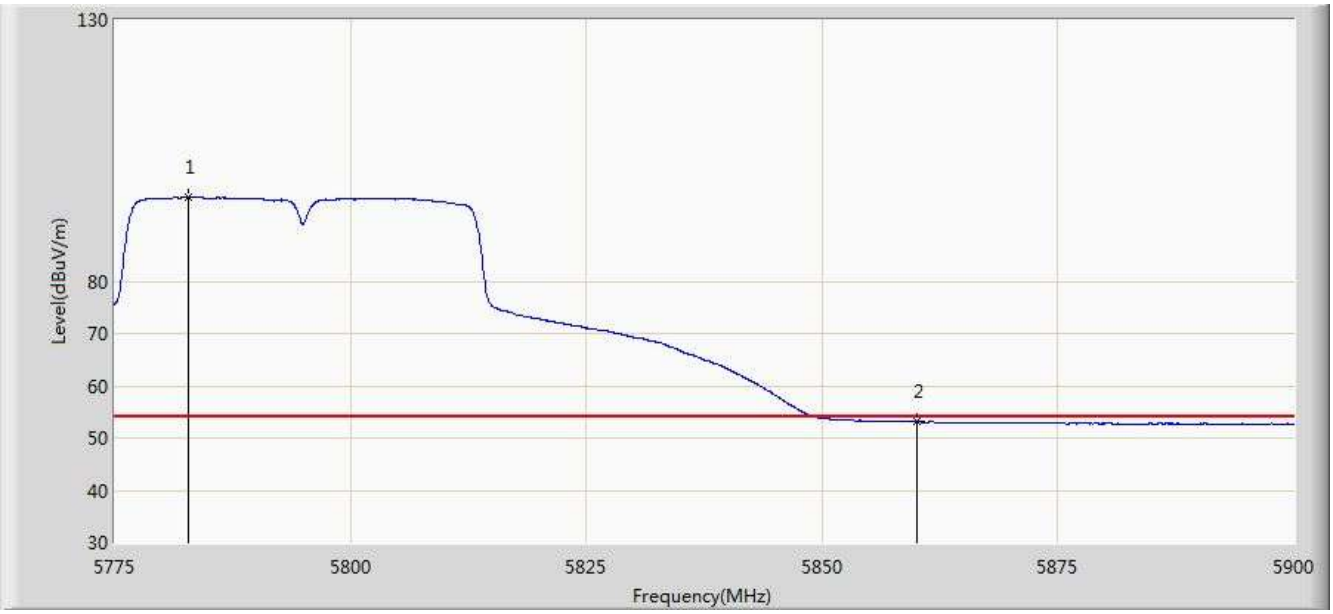


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.875	81.089	42.888	N/A	N/A	38.201	AV
2			5860.000	52.250	13.772	-1.750	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0	

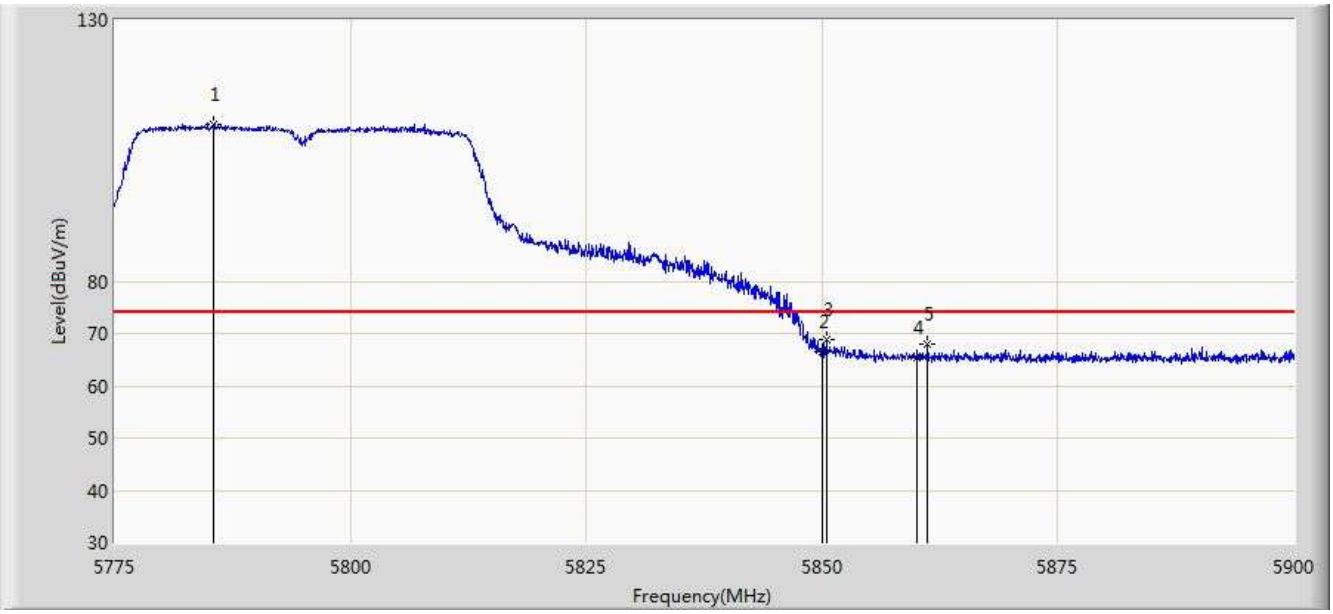


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.875	95.995	57.790	N/A	N/A	38.205	AV
2			5860.000	53.095	14.617	-0.905	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 00:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0	

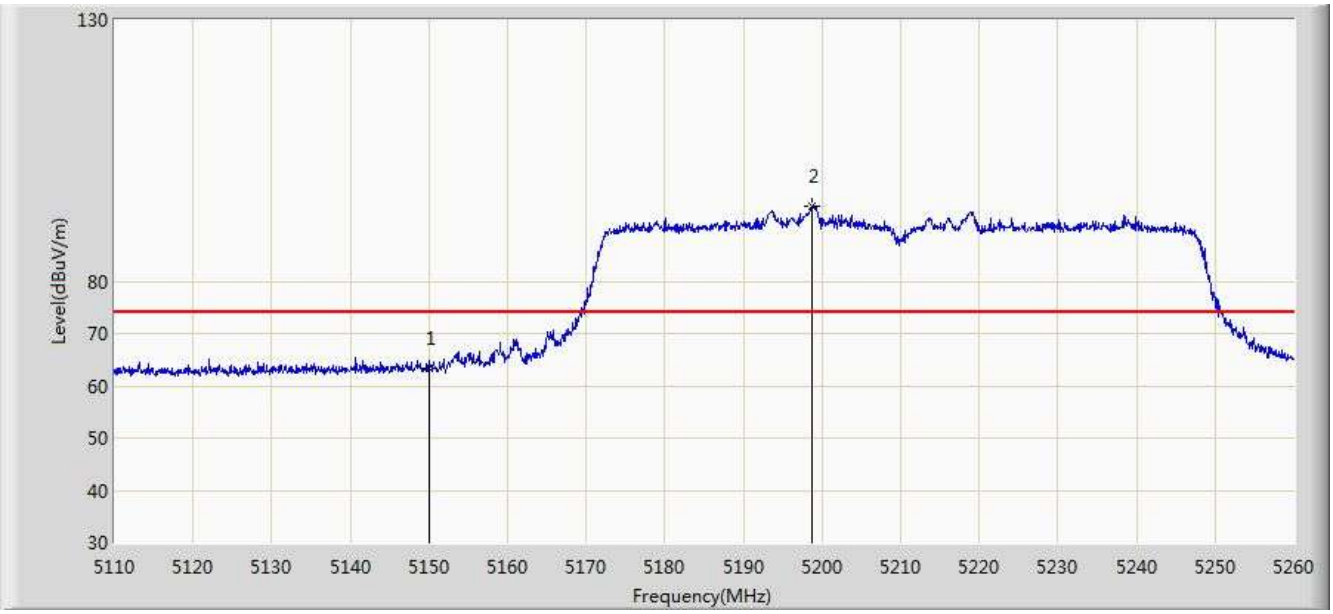


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5785.500	110.090	71.876	N/A	N/A	38.214	PK
2			5850.000	66.392	27.939	-11.808	78.200	38.454	PK
3			5850.437	68.706	30.252	-9.494	78.200	38.454	PK
4			5860.000	65.491	27.013	-8.509	74.000	38.478	PK
5			5861.187	68.069	29.588	-5.931	74.000	38.480	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0	

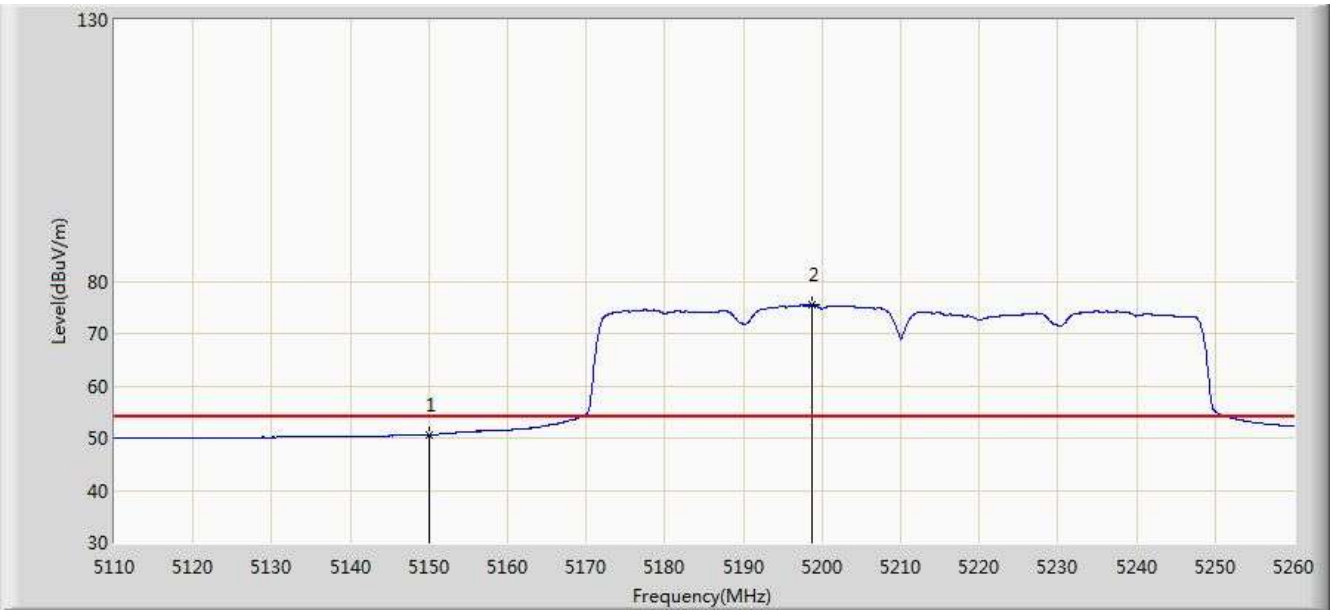


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.327	25.875	-10.673	74.000	37.452	PK
2		*	5198.800	94.322	56.994	N/A	N/A	37.328	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0	

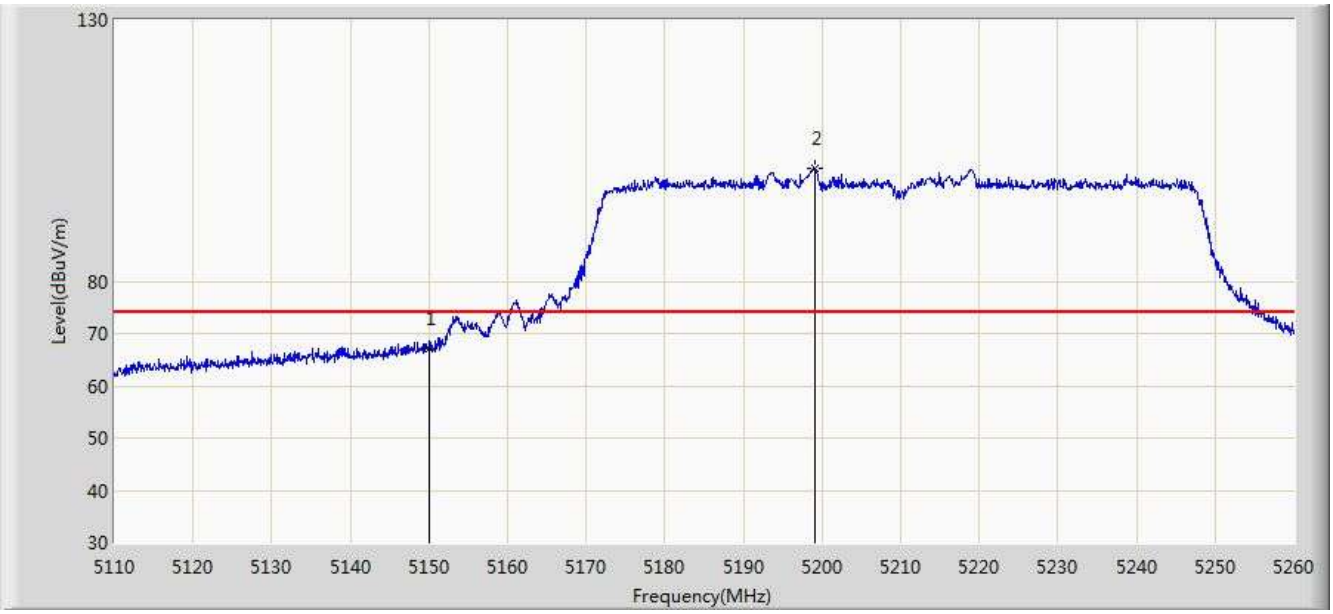


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.658	13.206	-3.342	54.000	37.452	AV
2		*	5198.800	75.500	38.172	N/A	N/A	37.328	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0	

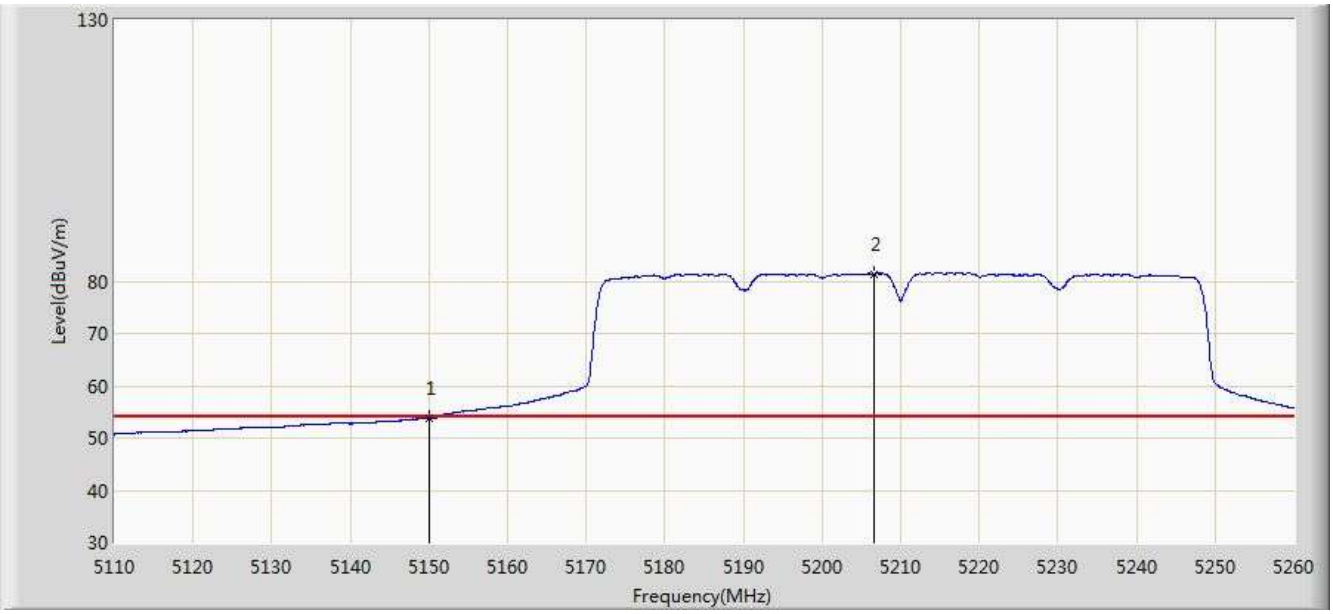


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.194	29.742	-6.806	74.000	37.452	PK
2		*	5199.025	101.461	64.133	N/A	N/A	37.328	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0	

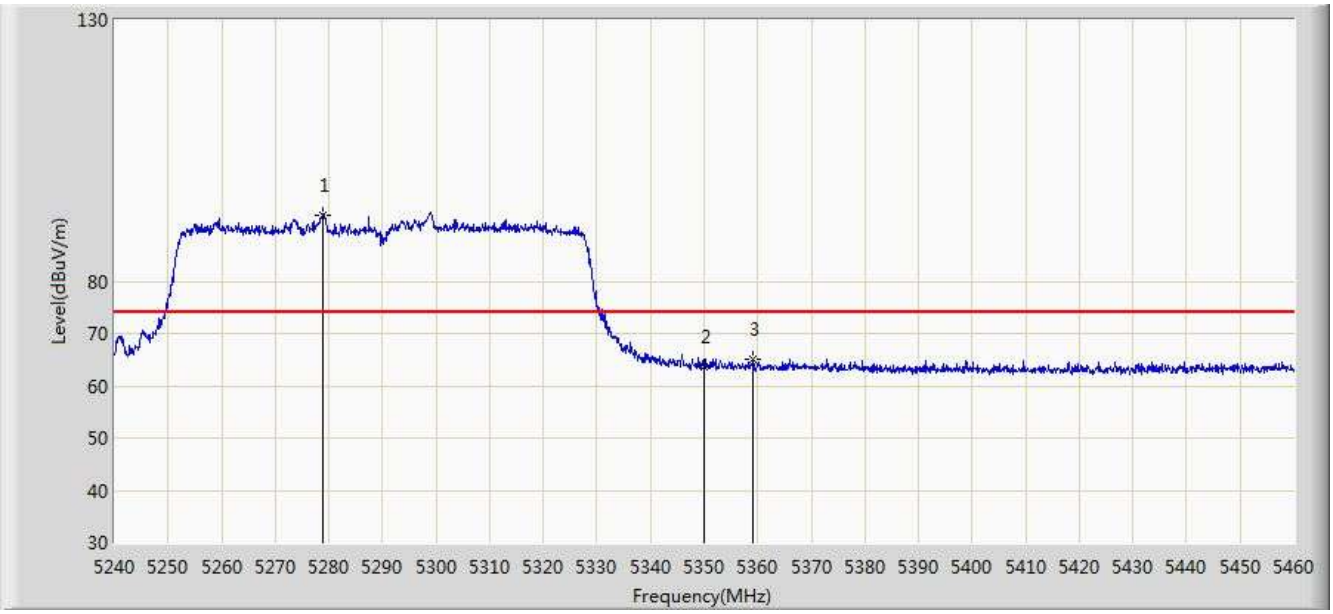


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.818	16.366	-0.182	54.000	37.452	AV
2		*	5206.525	81.413	44.111	N/A	N/A	37.301	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0	

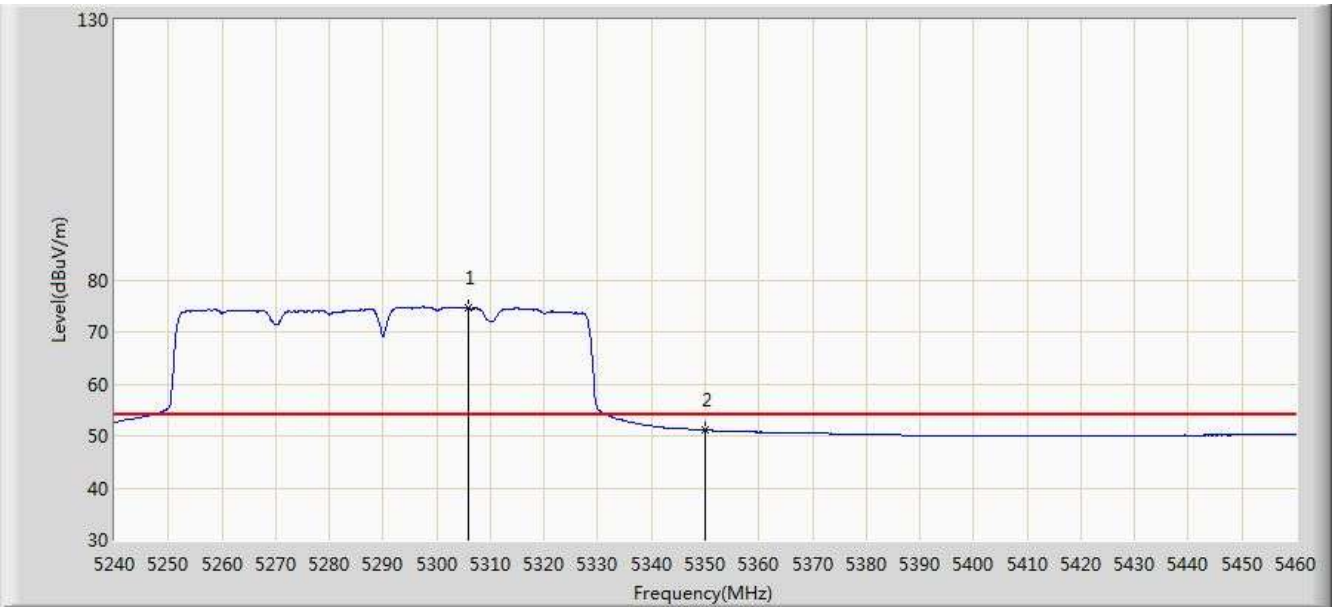


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5278.830	92.749	55.565	N/A	N/A	37.184	PK
2			5350.000	63.619	26.333	-10.381	74.000	37.286	PK
3			5359.130	64.946	27.634	-9.054	74.000	37.311	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0	

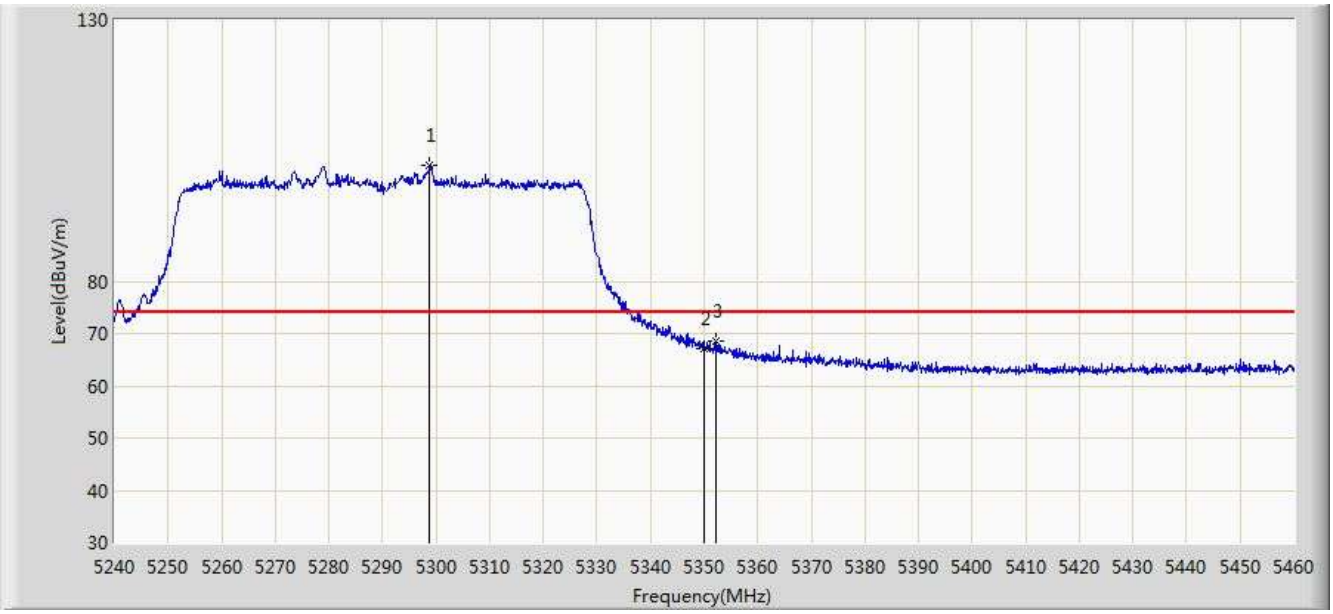


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.890	74.578	37.385	N/A	N/A	37.193	AV
2			5350.000	51.082	13.796	-2.918	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0	

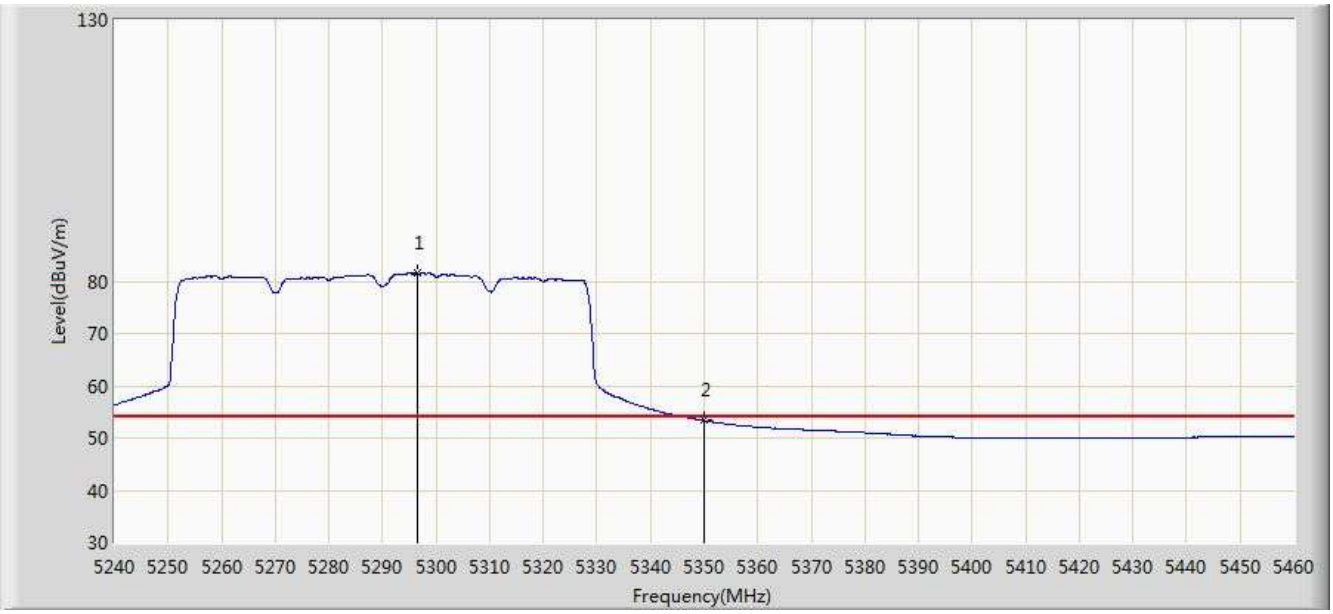


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.850	102.056	64.872	N/A	N/A	37.183	PK
2			5350.000	66.982	29.696	-7.018	74.000	37.286	PK
3			5352.200	68.410	31.117	-5.590	74.000	37.293	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 06:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0	

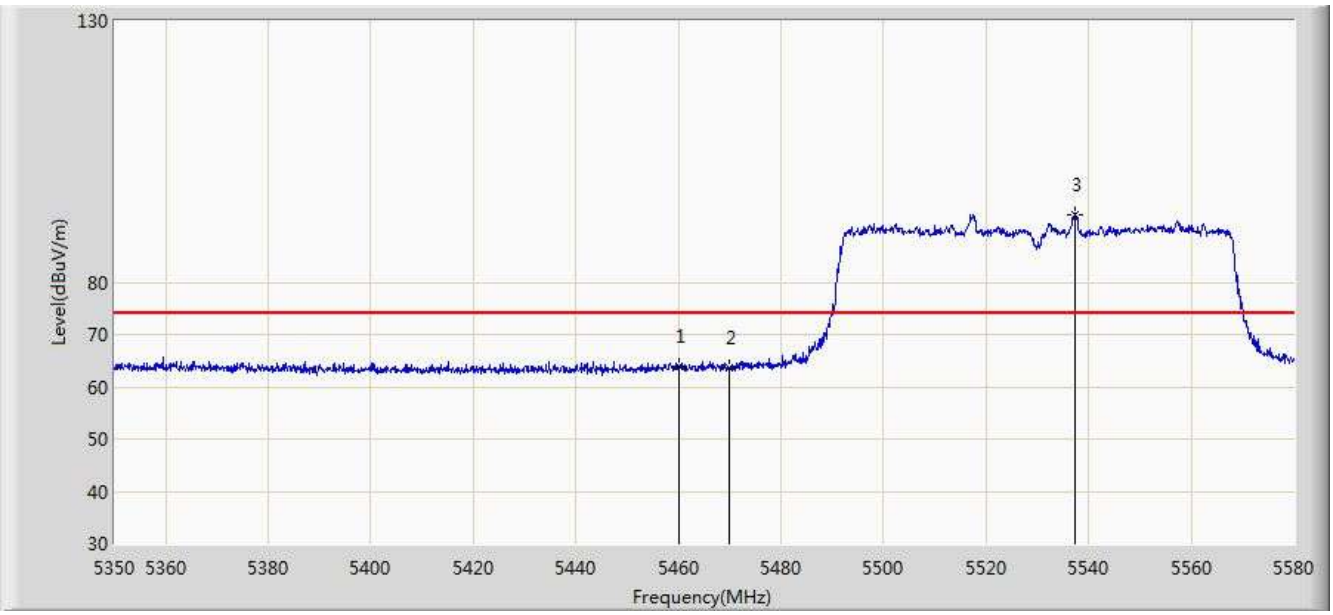


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.650	81.464	44.284	N/A	N/A	37.180	AV
2			5350.000	53.353	16.067	-0.647	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0	

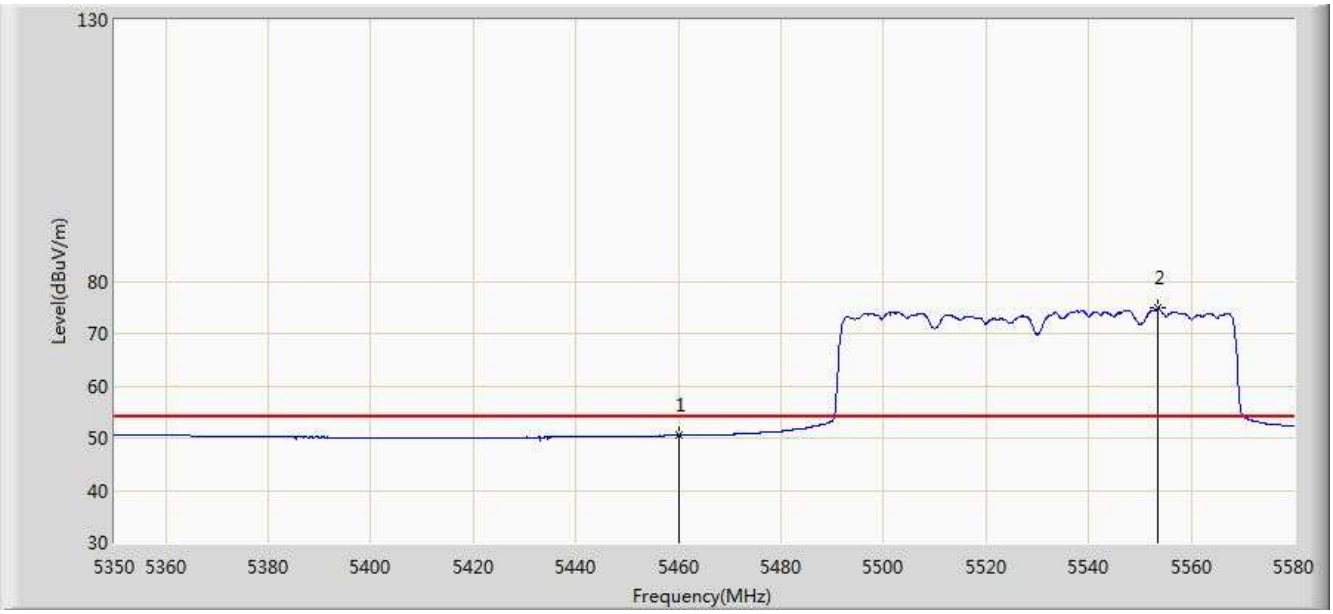


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.878	26.315	-10.122	74.000	37.563	PK
2			5470.000	63.501	25.912	-4.699	68.200	37.588	PK
3		*	5537.335	93.043	55.362	N/A	N/A	37.681	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0	

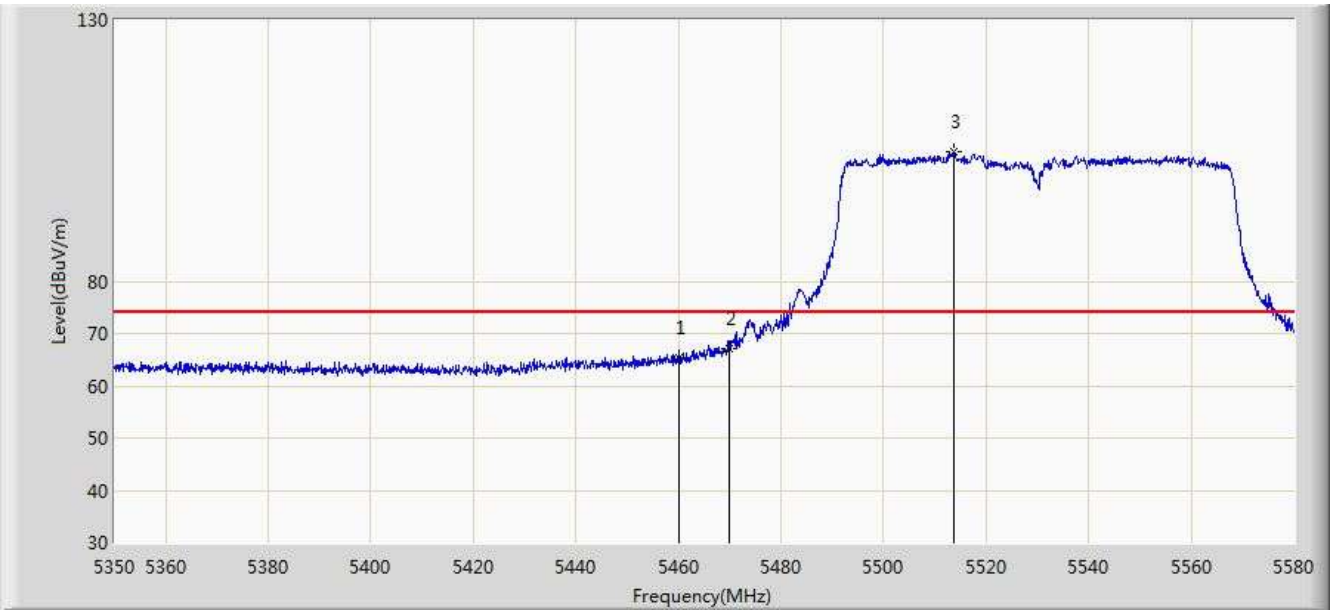


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.516	12.953	-3.484	54.000	37.563	AV
2		*	5553.550	74.890	37.187	N/A	N/A	37.703	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0	

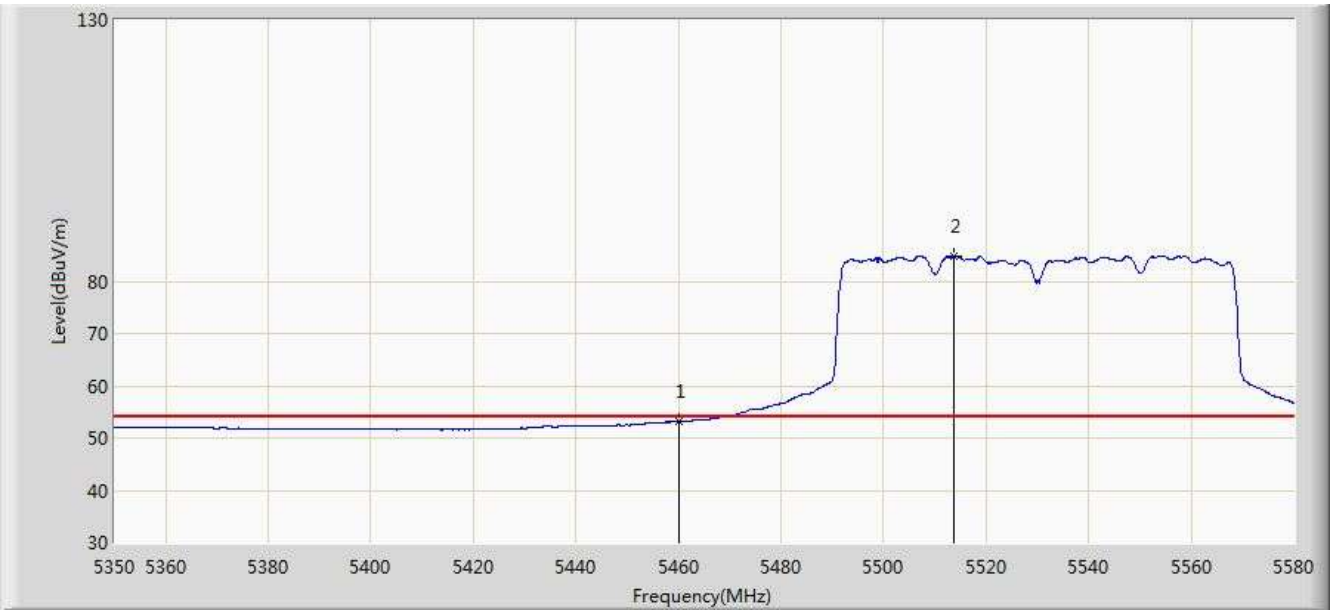


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.402	27.839	-8.598	74.000	37.563	PK
2			5470.000	67.154	29.565	-1.046	68.200	37.588	PK
3		*	5513.760	104.759	67.119	N/A	N/A	37.640	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1	

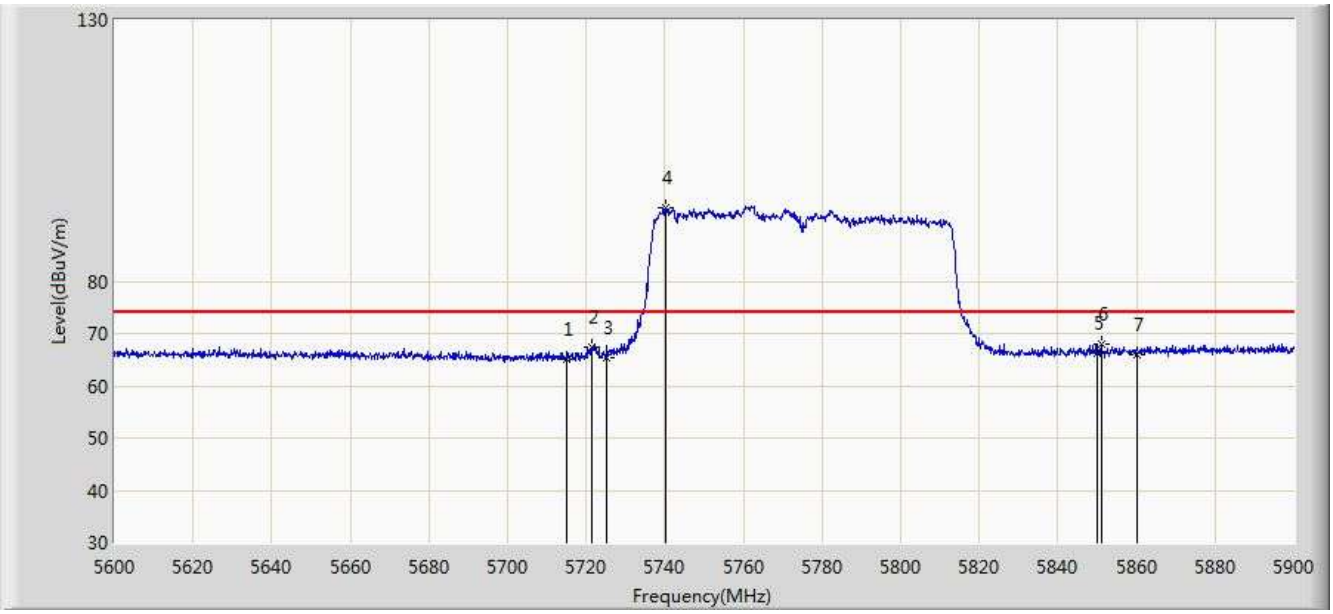


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.052	15.489	-0.948	54.000	37.563	AV
2		*	5513.760	84.822	47.182	N/A	N/A	37.640	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0	

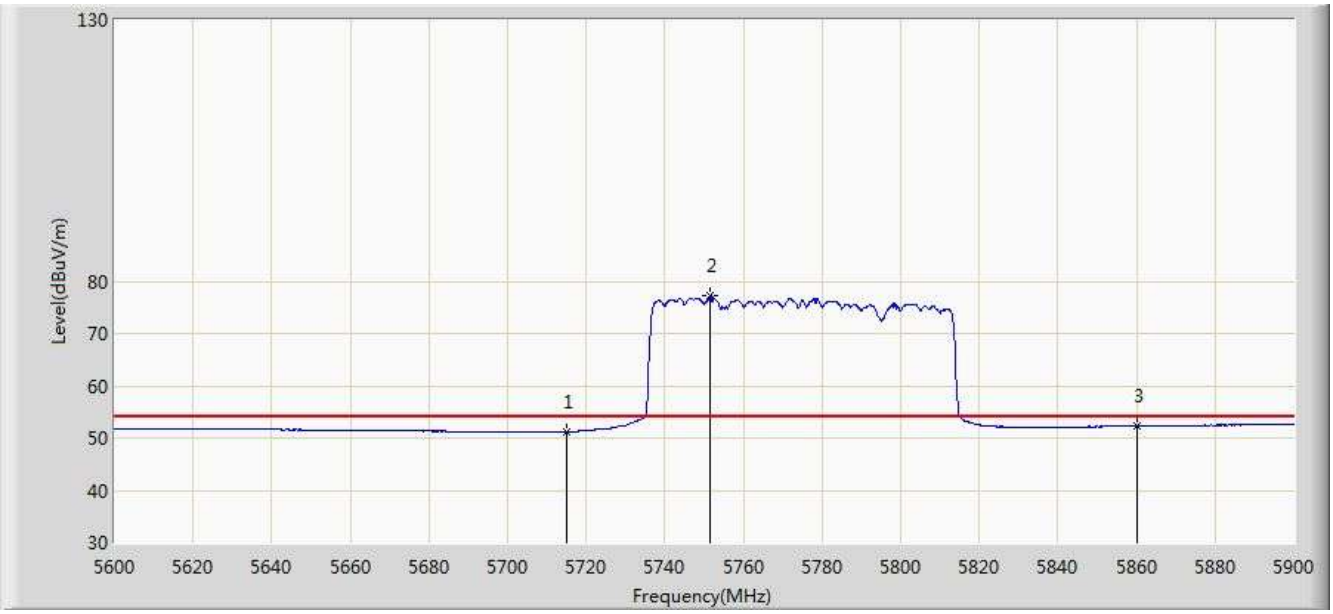


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.194	27.245	-8.806	74.000	37.949	PK
2			5721.350	67.459	29.484	-10.741	78.200	37.975	PK
3			5725.000	65.486	27.496	-12.714	78.200	37.990	PK
4		*	5740.400	94.008	55.956	N/A	N/A	38.052	PK
5			5850.000	66.131	27.678	-12.069	78.200	38.454	PK
6			5850.950	67.831	29.376	-10.369	78.200	38.455	PK
7			5860.000	66.074	27.596	-7.926	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0	

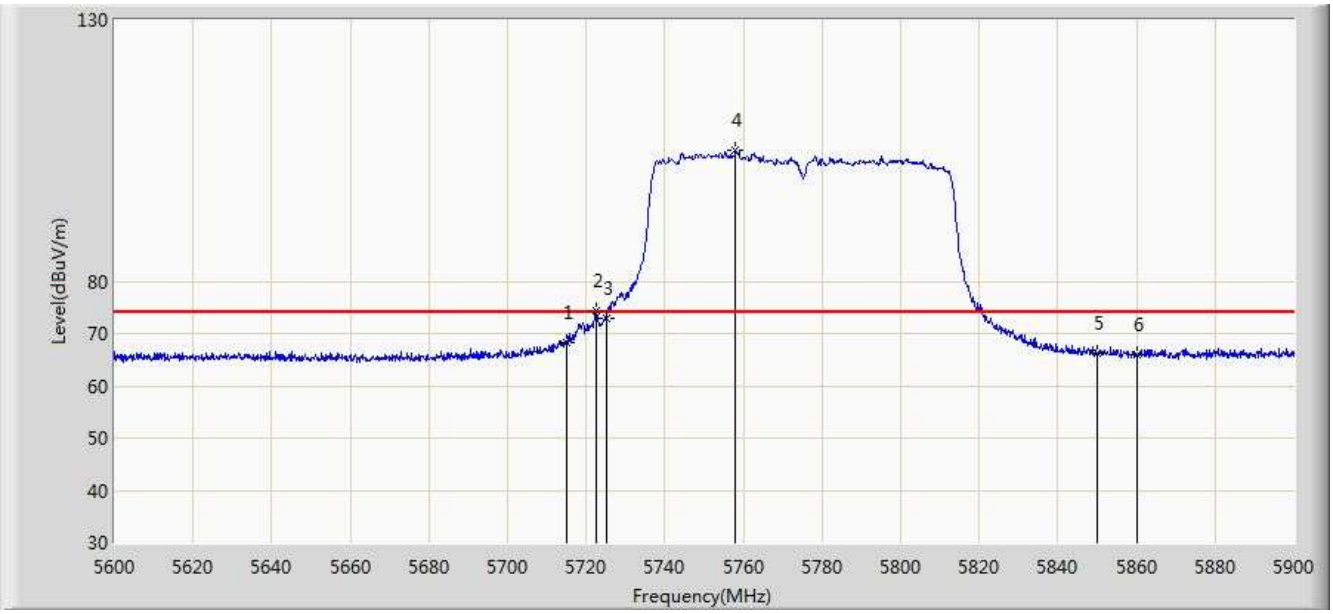


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.158	13.209	-2.842	54.000	37.949	AV
2		*	5751.650	77.113	39.009	N/A	N/A	38.104	AV
3			5860.000	52.266	13.788	-1.734	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 16:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.365	30.416	-5.635	74.000	37.949	PK
2			5722.700	74.369	36.389	-3.831	78.200	37.980	PK
3			5725.000	72.888	34.898	-5.312	78.200	37.990	PK
4		*	5757.950	105.107	66.974	N/A	N/A	38.132	PK
5			5850.000	66.312	27.859	-11.888	78.200	38.454	PK
6			5860.000	65.986	27.508	-8.014	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

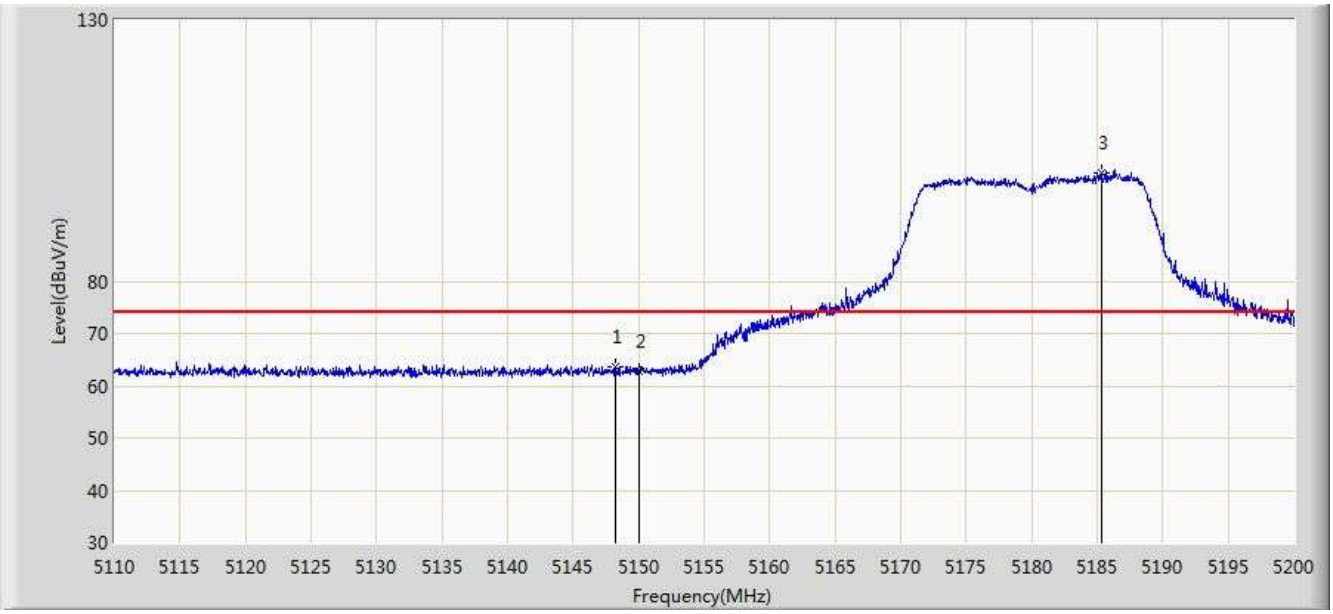
Site: AC1	Time: 2015/05/16 - 16:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.390	15.441	-0.610	54.000	37.949	AV
2		*	5751.500	85.176	47.073	N/A	N/A	38.103	AV
3			5860.000	52.655	14.177	-1.345	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1	

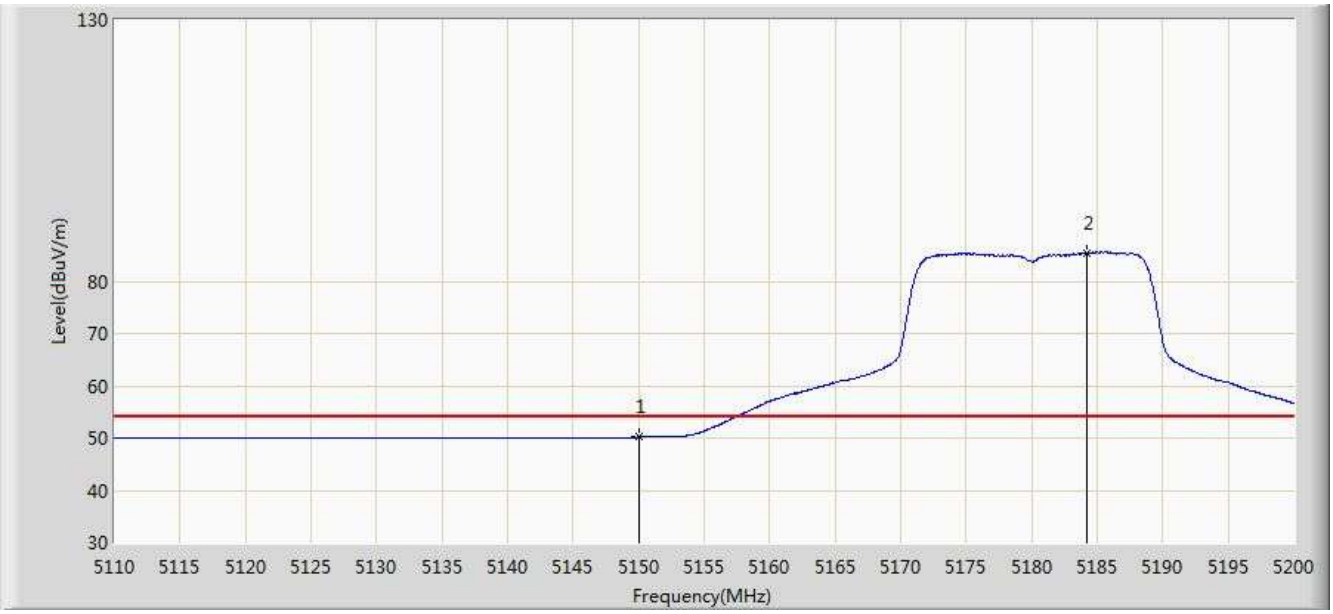


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.205	63.752	26.298	-10.248	74.000	37.454	PK
2			5150.000	62.797	25.345	-11.203	74.000	37.452	PK
3		*	5185.285	100.662	63.301	N/A	N/A	37.361	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1	

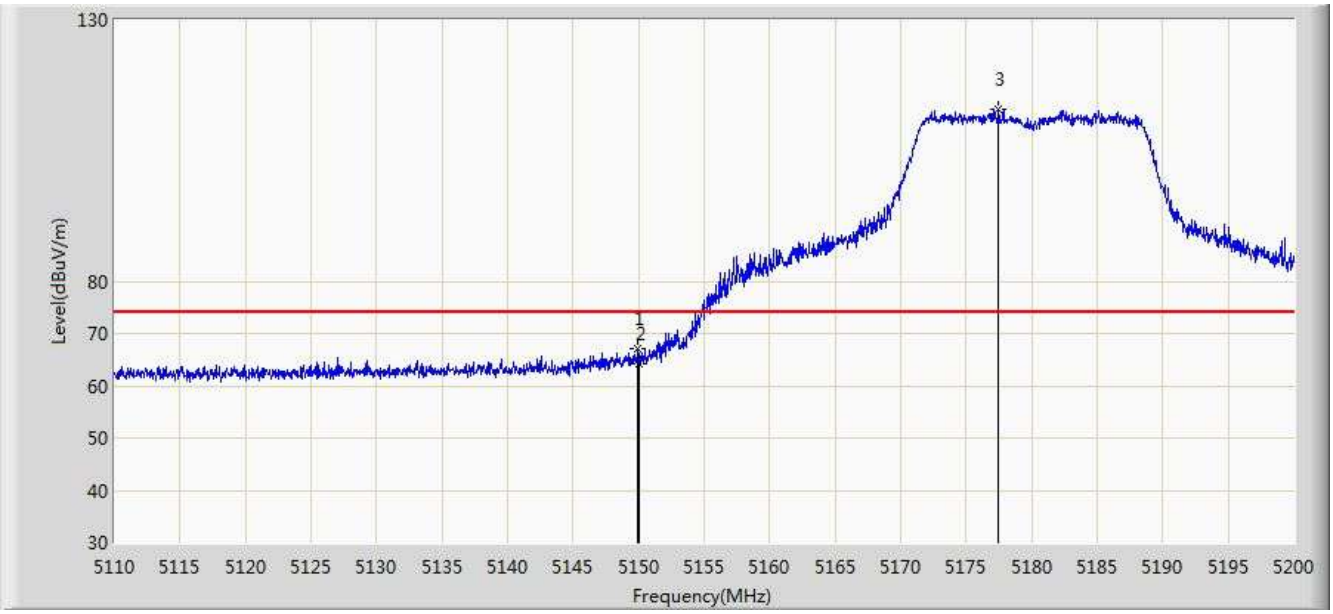


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.158	12.706	-3.842	54.000	37.452	AV
2		*	5184.205	85.462	48.098	N/A	N/A	37.364	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1	

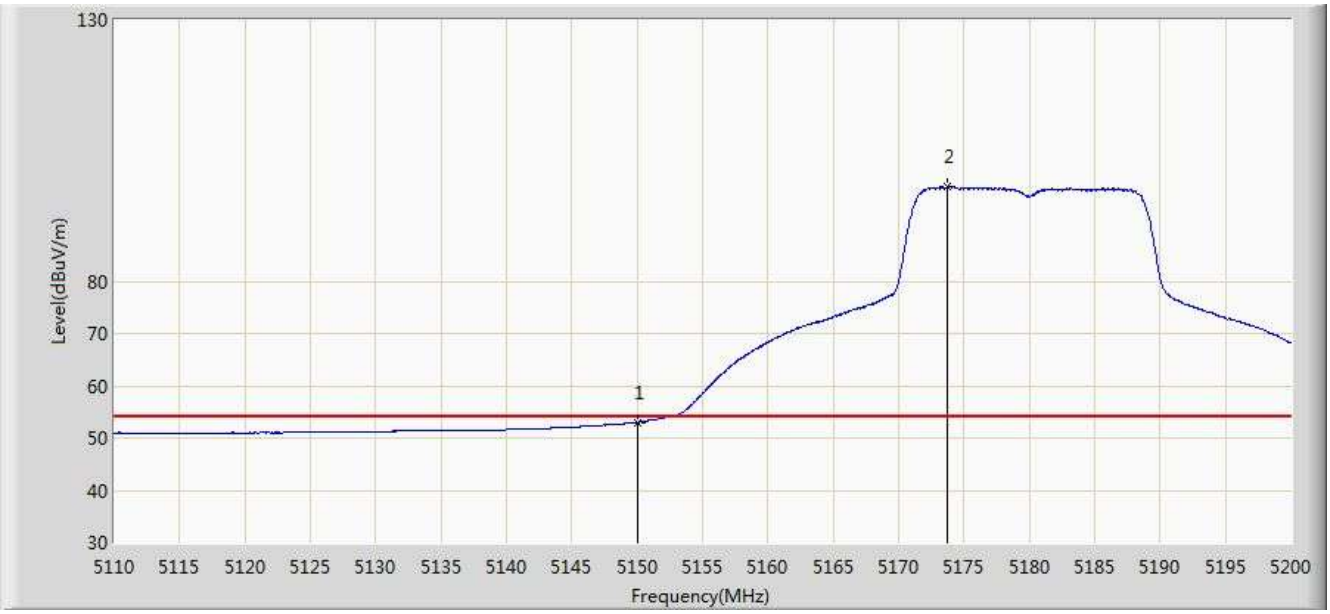


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.915	67.126	29.674	-6.874	74.000	37.452	PK
2			5150.000	64.343	26.891	-9.657	74.000	37.452	PK
3		*	5177.455	112.846	75.466	N/A	N/A	37.380	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1	

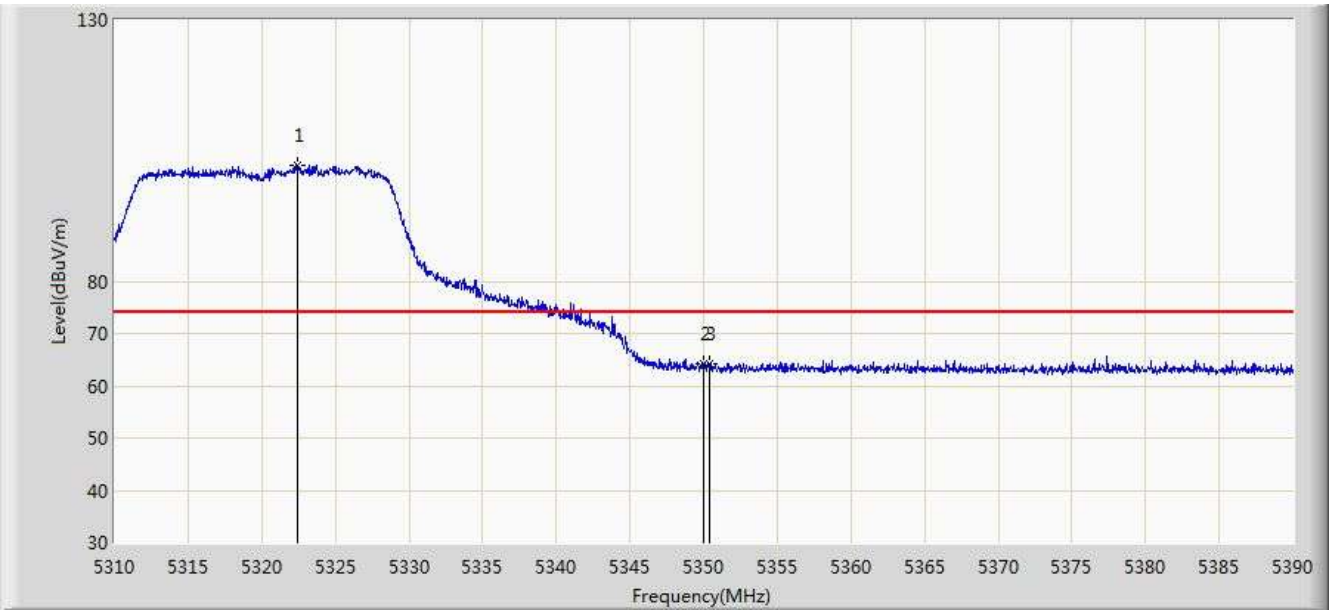


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.027	15.575	-0.973	54.000	37.452	AV
2		*	5173.765	97.975	60.587	N/A	N/A	37.388	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1	

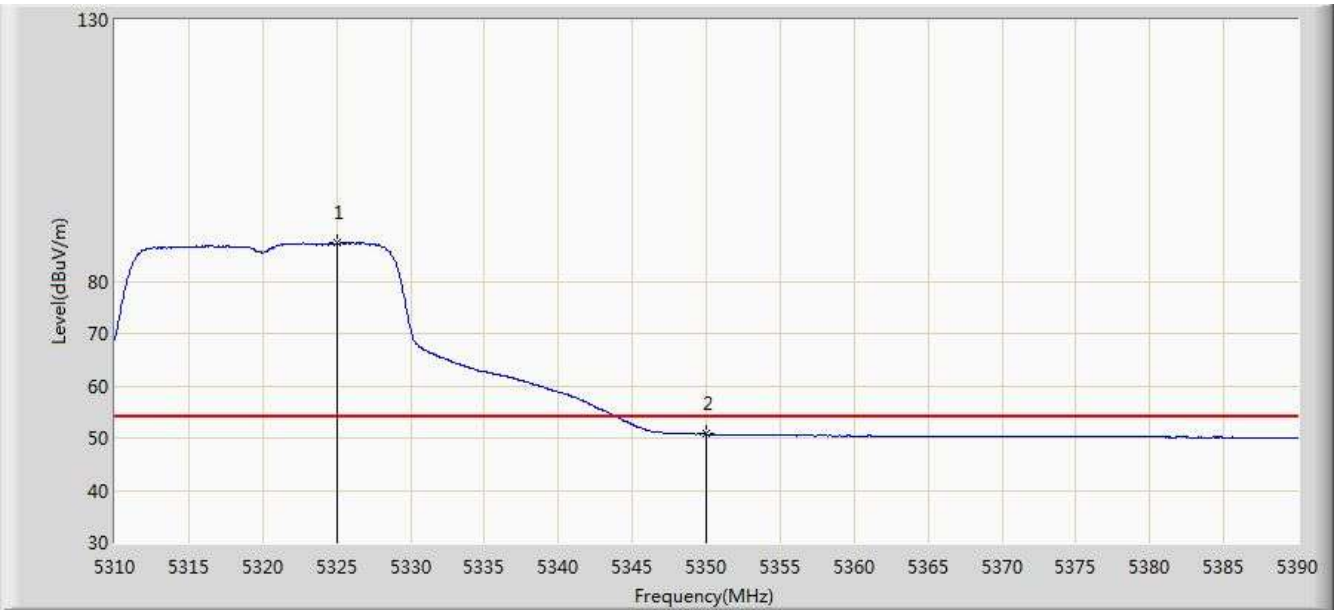


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.400	102.073	64.855	N/A	N/A	37.218	PK
2			5350.000	64.110	26.824	-9.890	74.000	37.286	PK
3			5350.440	64.228	26.940	-9.772	74.000	37.288	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1	

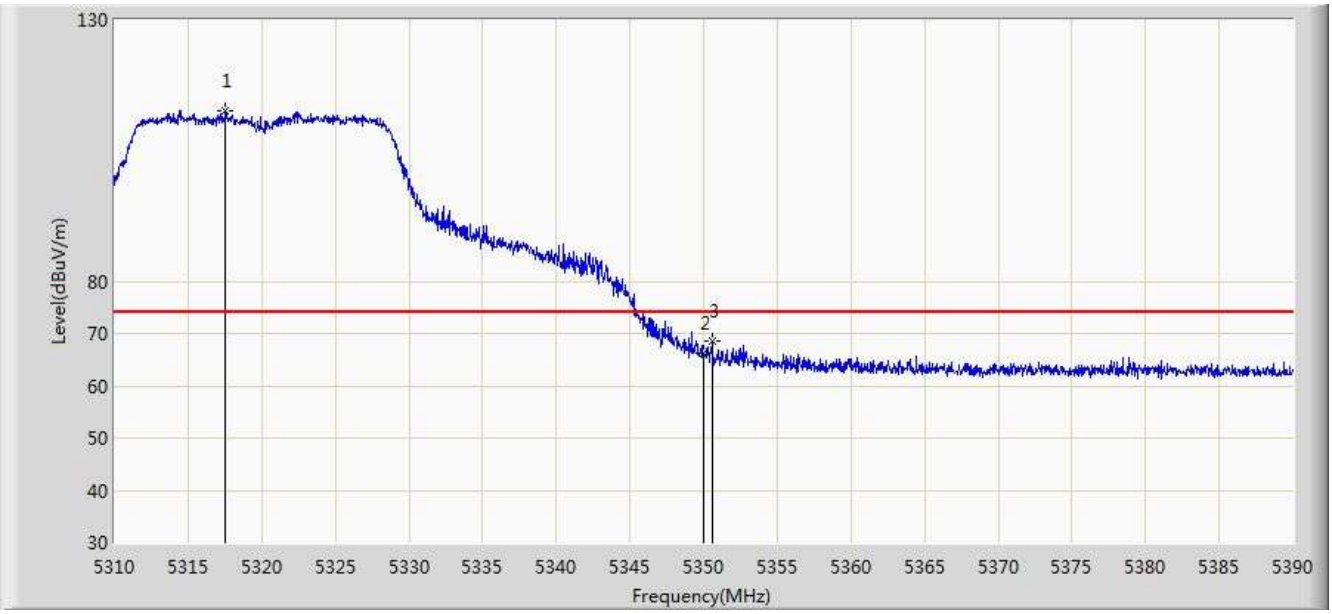


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.080	87.299	50.076	N/A	N/A	37.223	AV
2			5350.000	50.725	13.439	-3.275	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1	

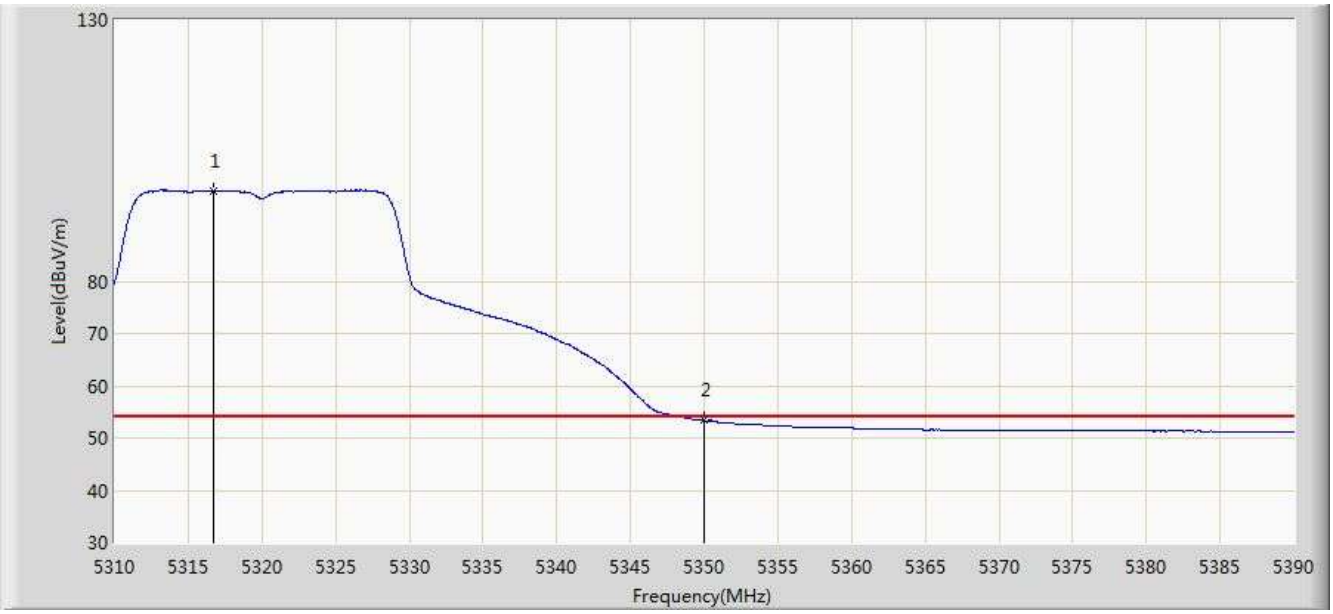


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.560	112.489	75.280	N/A	N/A	37.209	PK
2			5350.000	66.309	29.023	-7.691	74.000	37.286	PK
3			5350.560	68.540	31.252	-5.460	74.000	37.288	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1	

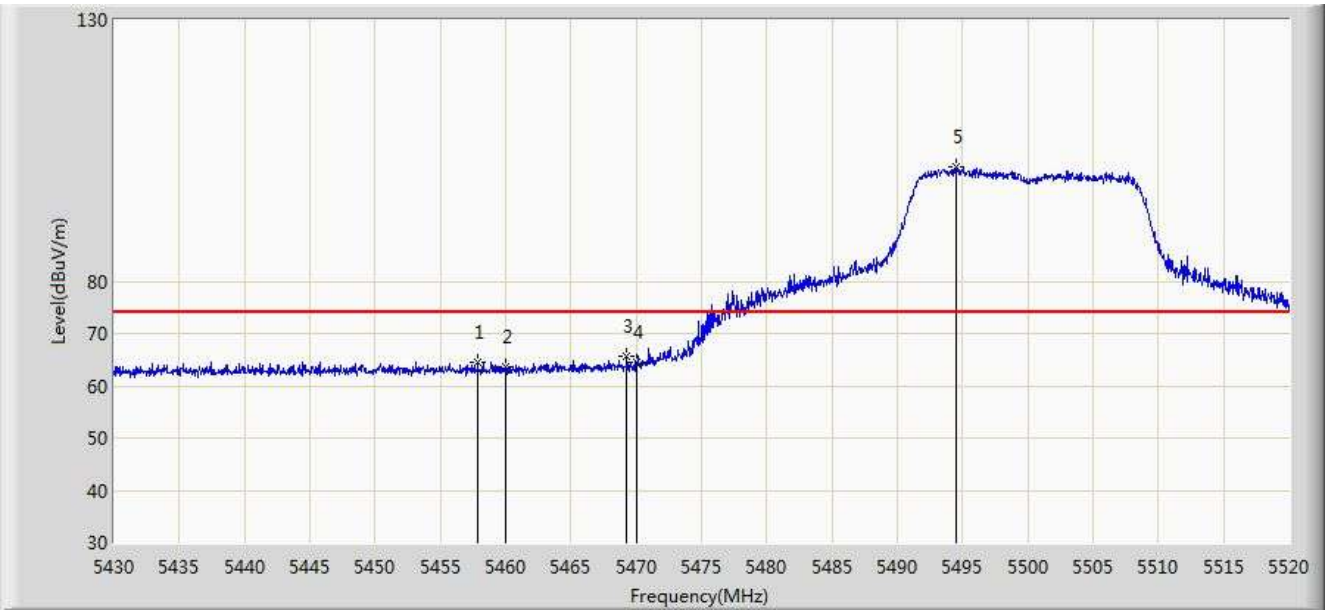


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.680	97.294	60.086	N/A	N/A	37.208	AV
2			5350.000	53.370	16.084	-0.630	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1	

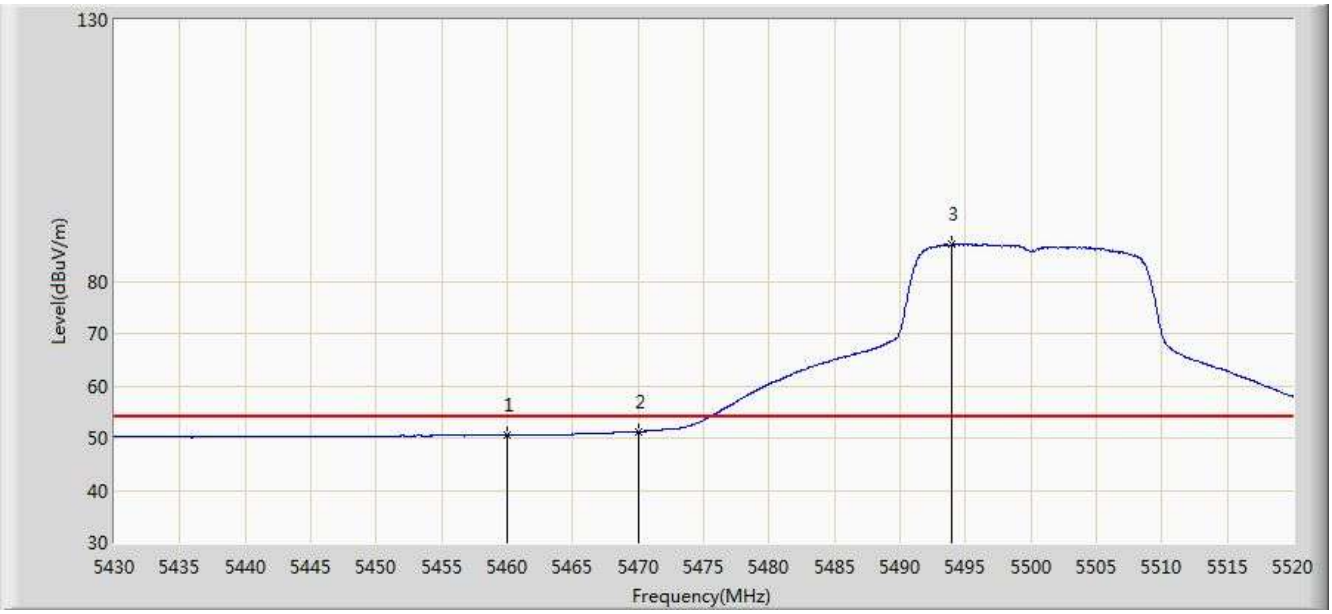


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.855	64.548	26.991	-9.452	74.000	37.557	PK
2			5460.000	63.486	25.923	-10.514	74.000	37.563	PK
3			5469.240	65.653	28.066	-8.347	74.000	37.586	PK
4			5470.000	64.589	27.000	-9.411	74.000	37.588	PK
5		*	5494.485	101.983	64.365	N/A	N/A	37.618	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1	

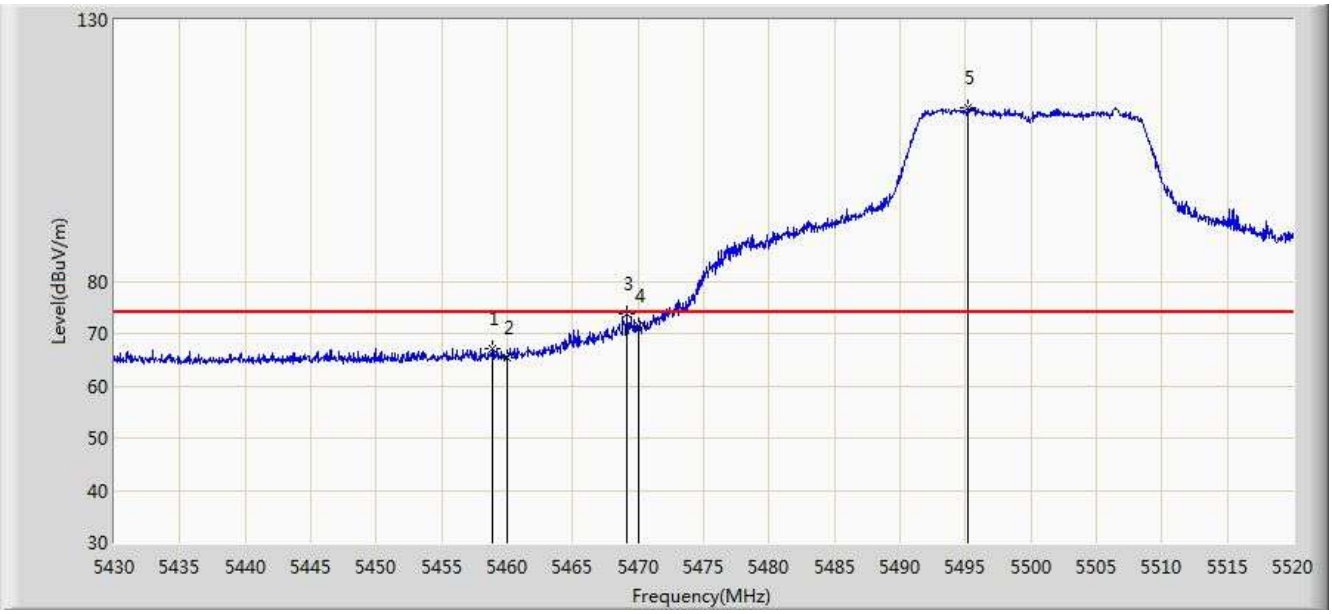


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.545	12.982	-3.455	54.000	37.563	AV
2			5470.000	51.269	13.680	-2.731	54.000	37.588	AV
3		*	5493.990	86.994	49.376	N/A	N/A	37.618	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1	

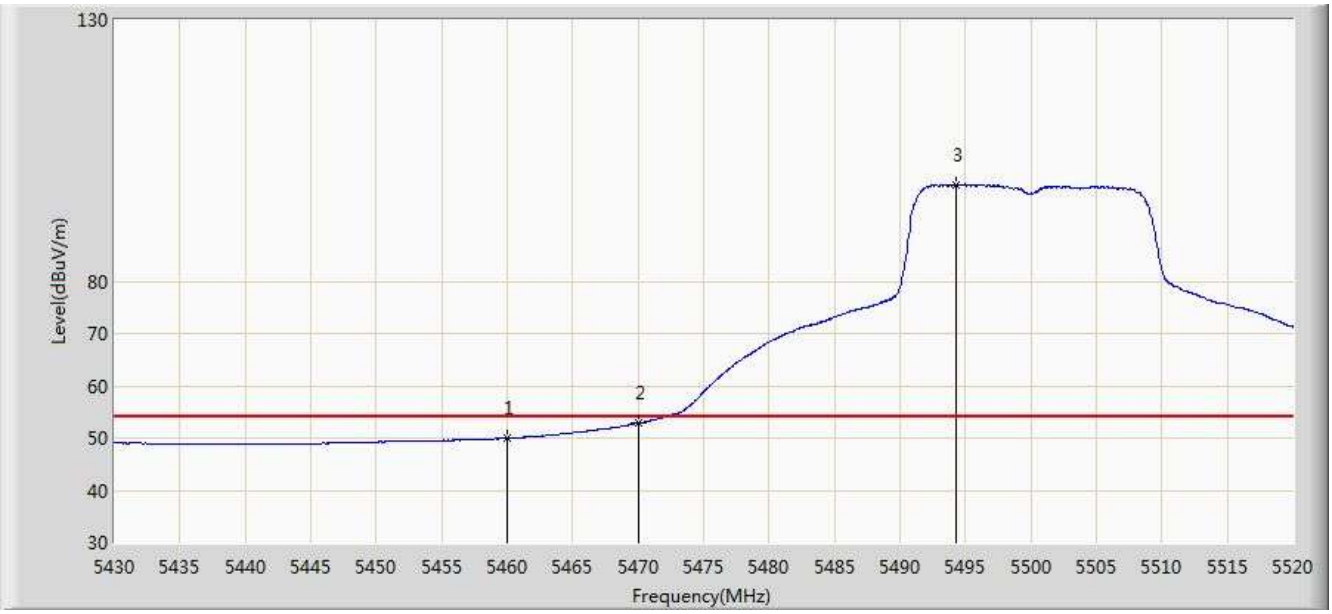


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.890	66.987	29.427	-7.013	74.000	37.560	PK
2			5460.000	65.484	27.921	-8.516	74.000	37.563	PK
3			5469.150	73.641	36.055	-0.359	74.000	37.586	PK
4			5470.000	71.496	33.907	-2.504	74.000	37.588	PK
5		*	5495.160	113.148	75.529	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1	

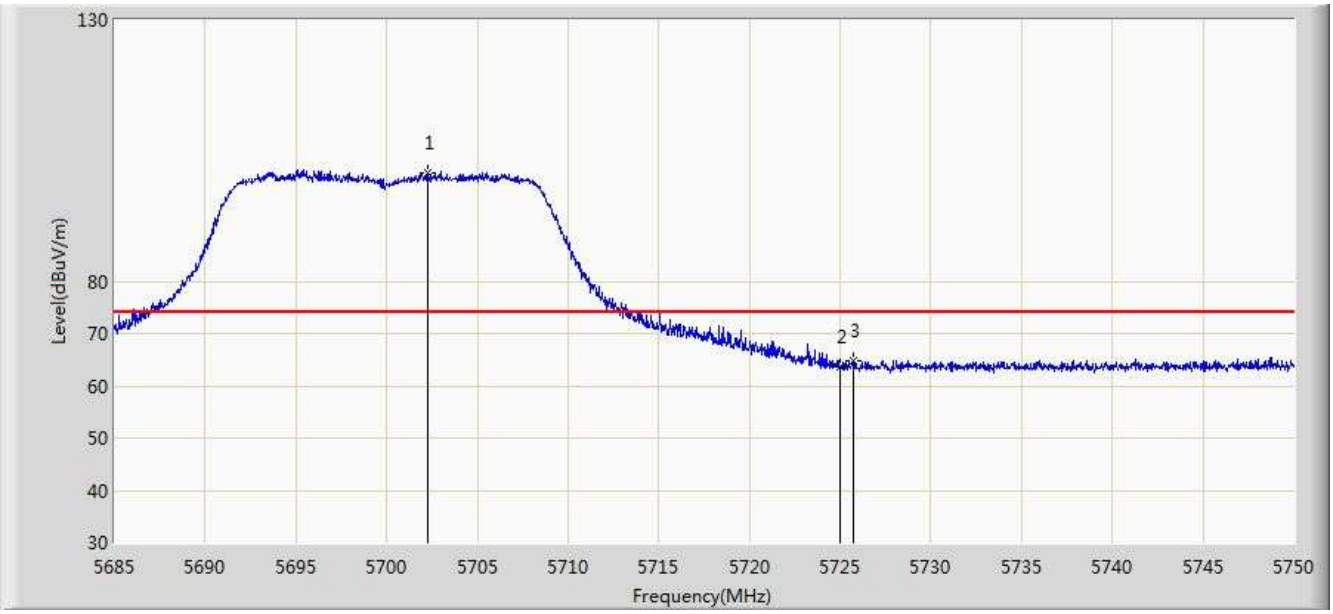


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.970	12.407	-4.030	54.000	37.563	AV
2			5470.000	52.870	15.282	-1.130	54.000	37.588	AV
3		*	5494.305	98.497	60.879	N/A	N/A	37.618	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1	

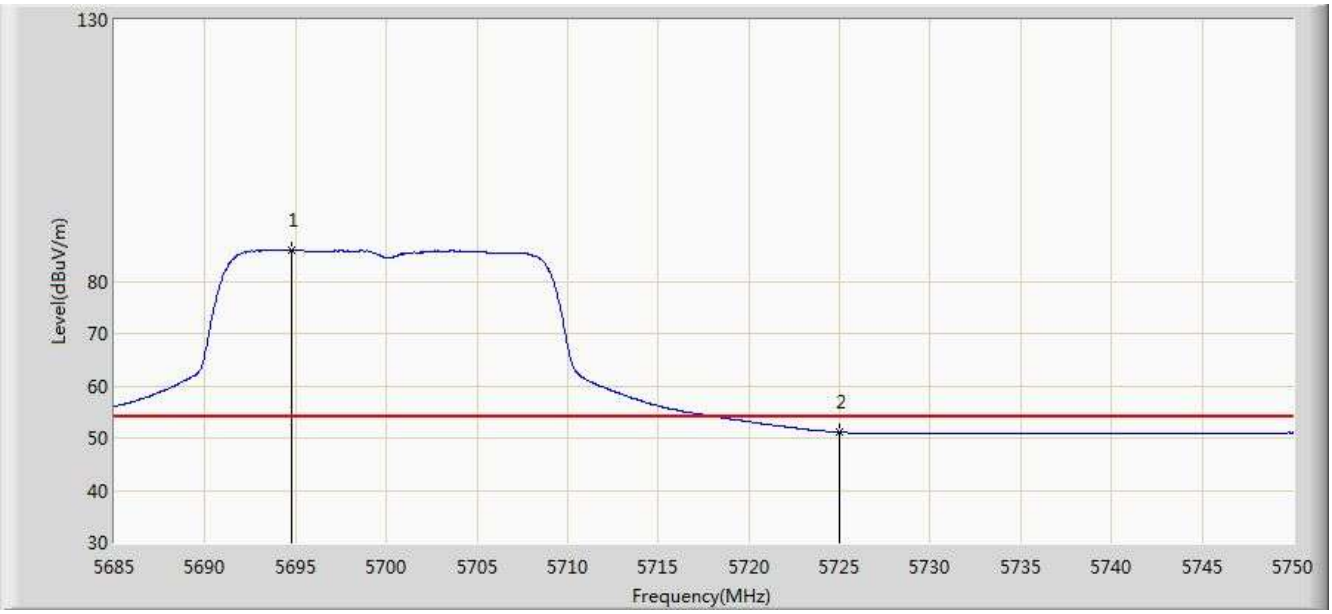


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.257	100.664	62.766	N/A	N/A	37.898	PK
2			5725.000	63.492	25.502	-10.508	74.000	37.990	PK
3			5725.690	64.805	26.813	-9.195	74.000	37.993	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1	

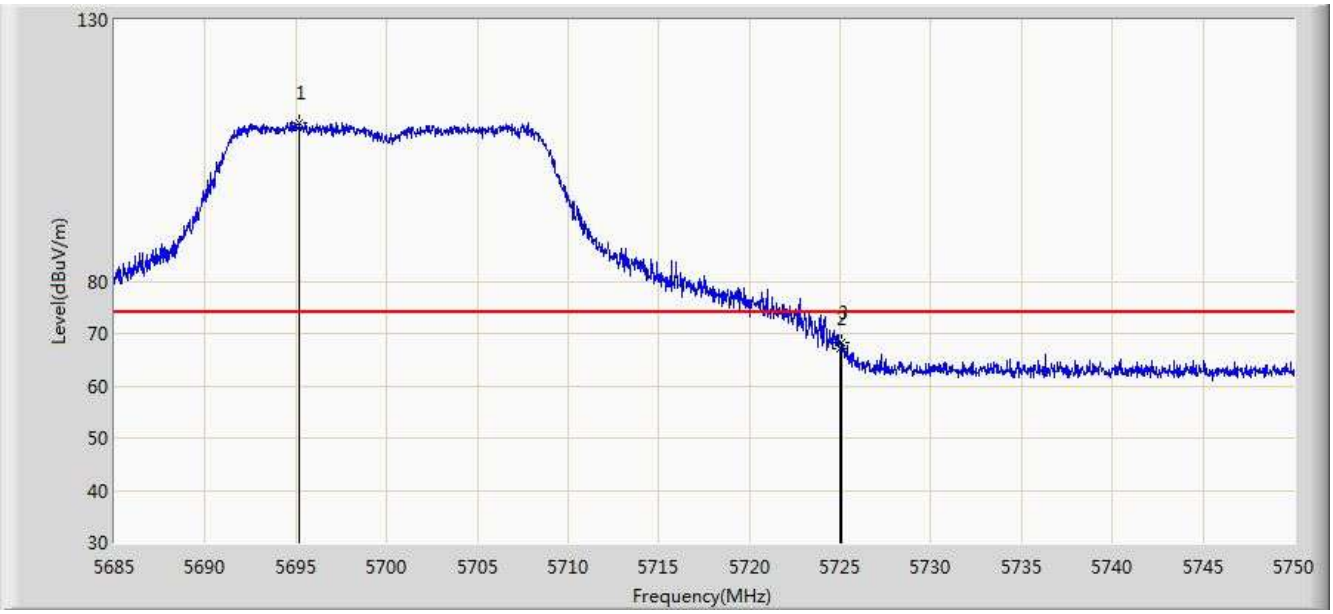


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.750	86.065	48.186	N/A	N/A	37.879	AV
2			5725.000	51.134	13.144	-2.866	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1	

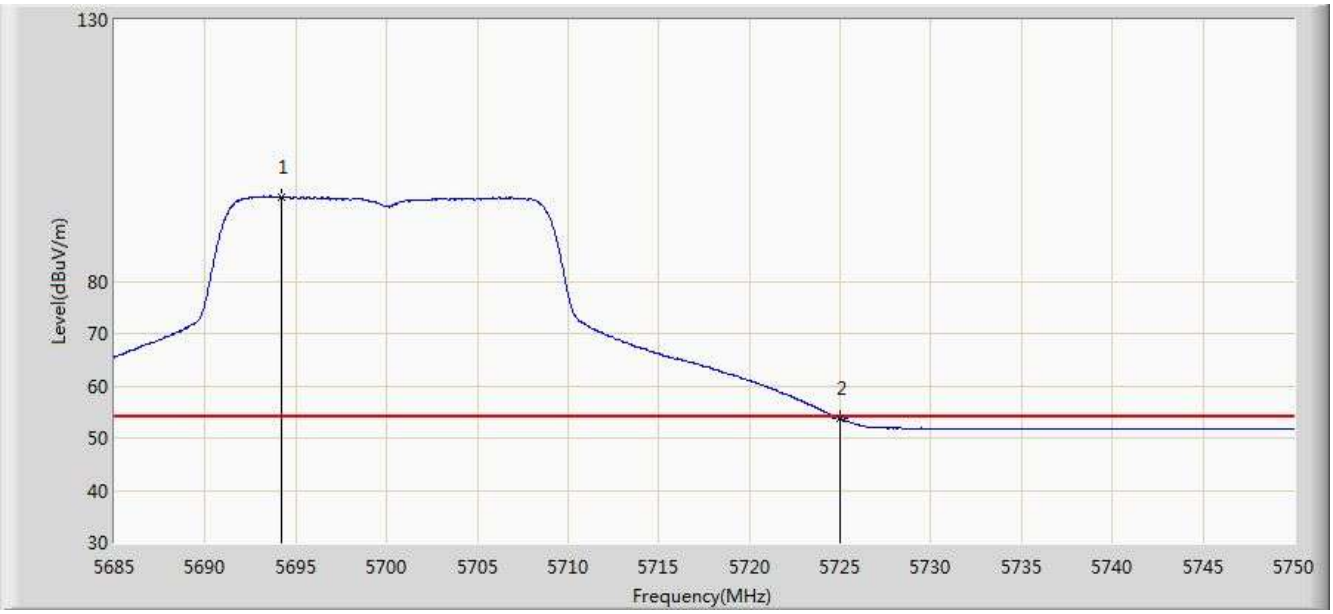


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.205	110.326	72.446	N/A	N/A	37.881	PK
2			5725.000	67.212	29.222	-6.788	74.000	37.990	PK
3			5725.072	68.377	30.387	-5.623	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/25 - 04:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1	

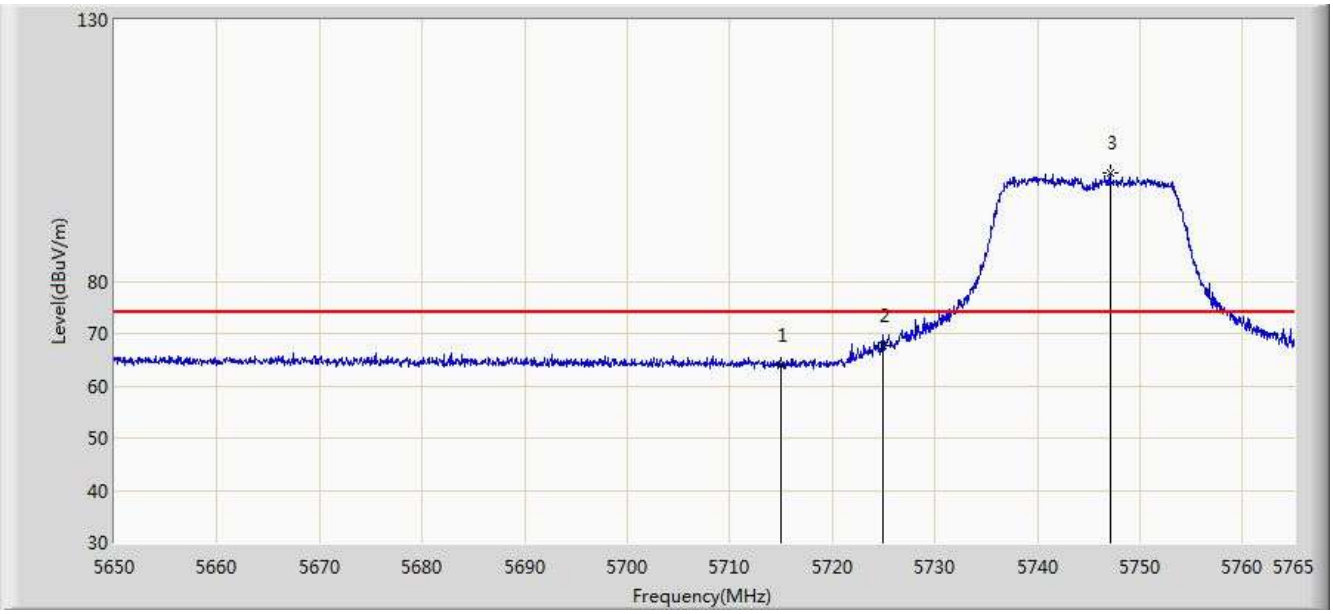


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.165	96.129	58.251	N/A	N/A	37.878	AV
2			5725.000	53.749	15.759	-0.251	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1	

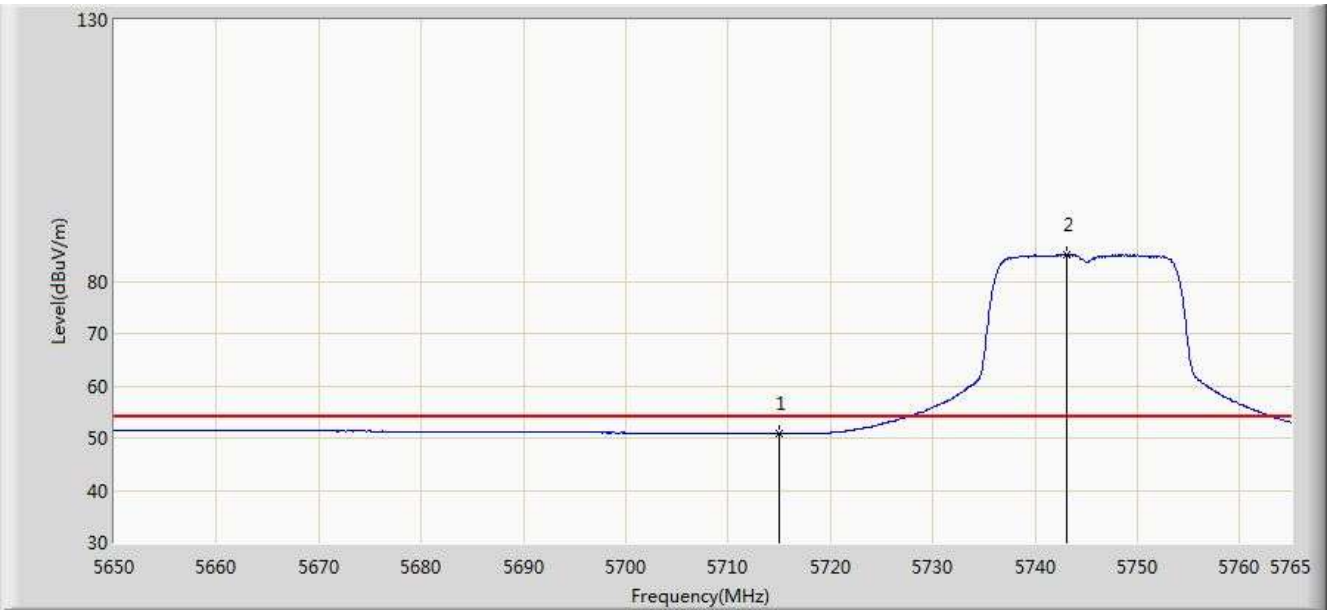


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.915	25.966	-10.085	74.000	37.949	PK
2			5725.000	67.592	29.602	-10.608	78.200	37.990	PK
3		*	5747.060	100.730	62.648	N/A	N/A	38.081	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1	

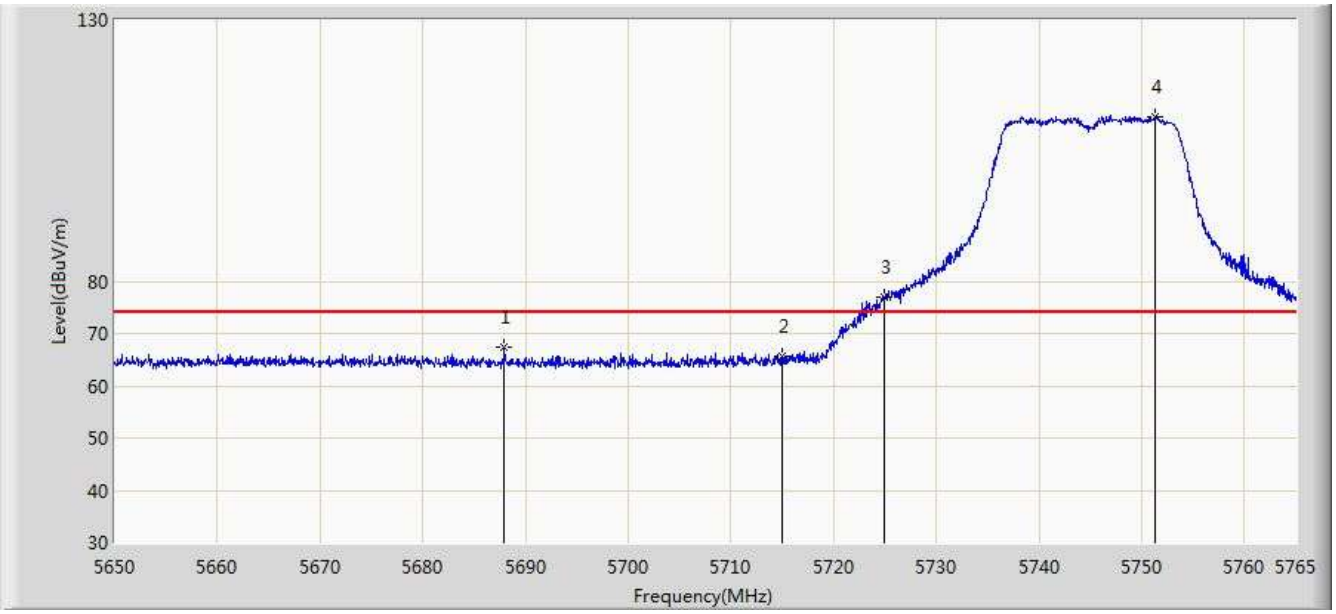


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.818	12.869	-3.182	54.000	37.949	AV
2		*	5743.092	84.970	46.907	N/A	N/A	38.063	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1	

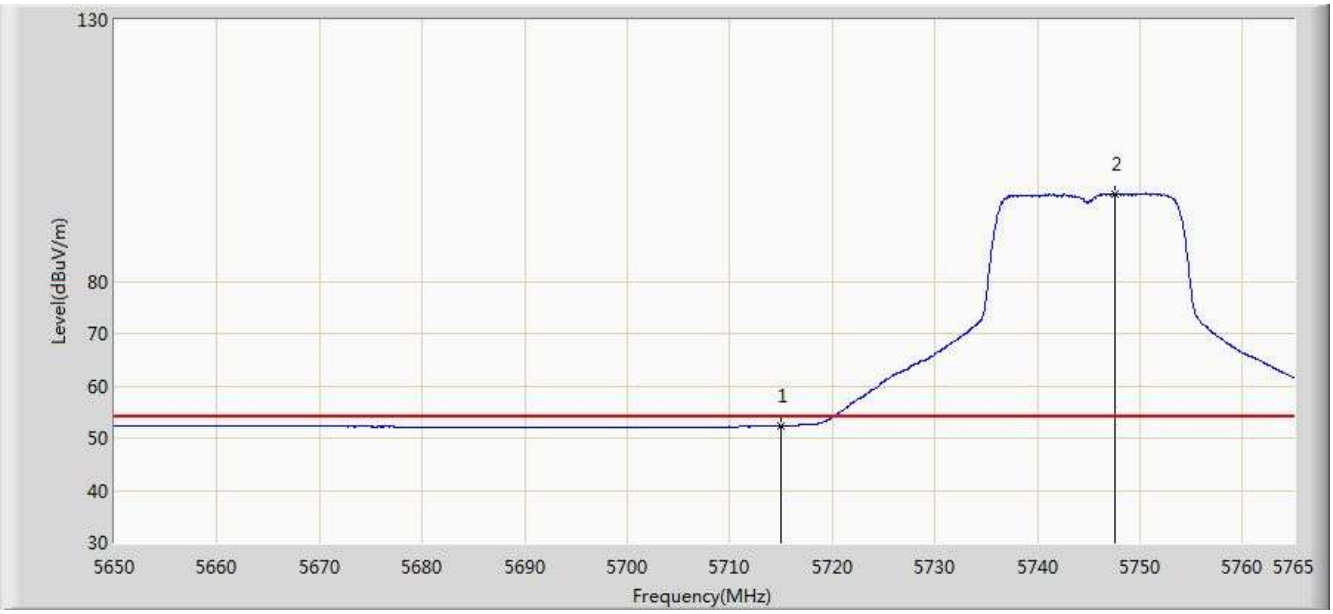


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5687.950	67.279	29.421	-6.721	74.000	37.858	PK
2			5715.000	65.598	27.649	-8.402	74.000	37.949	PK
3			5725.000	76.897	38.907	-1.303	78.200	37.990	PK
4		*	5751.373	111.533	73.431	N/A	N/A	38.102	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1	

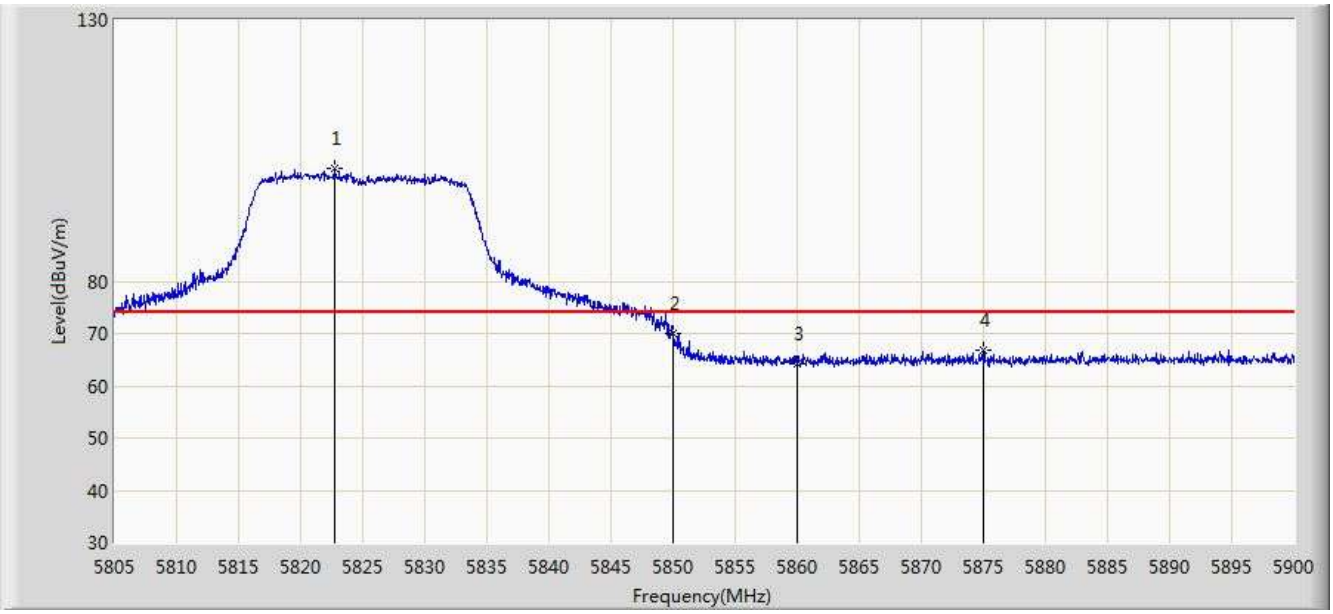


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.342	14.393	-1.658	54.000	37.949	AV
2		*	5747.520	96.656	58.572	N/A	N/A	38.084	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1	

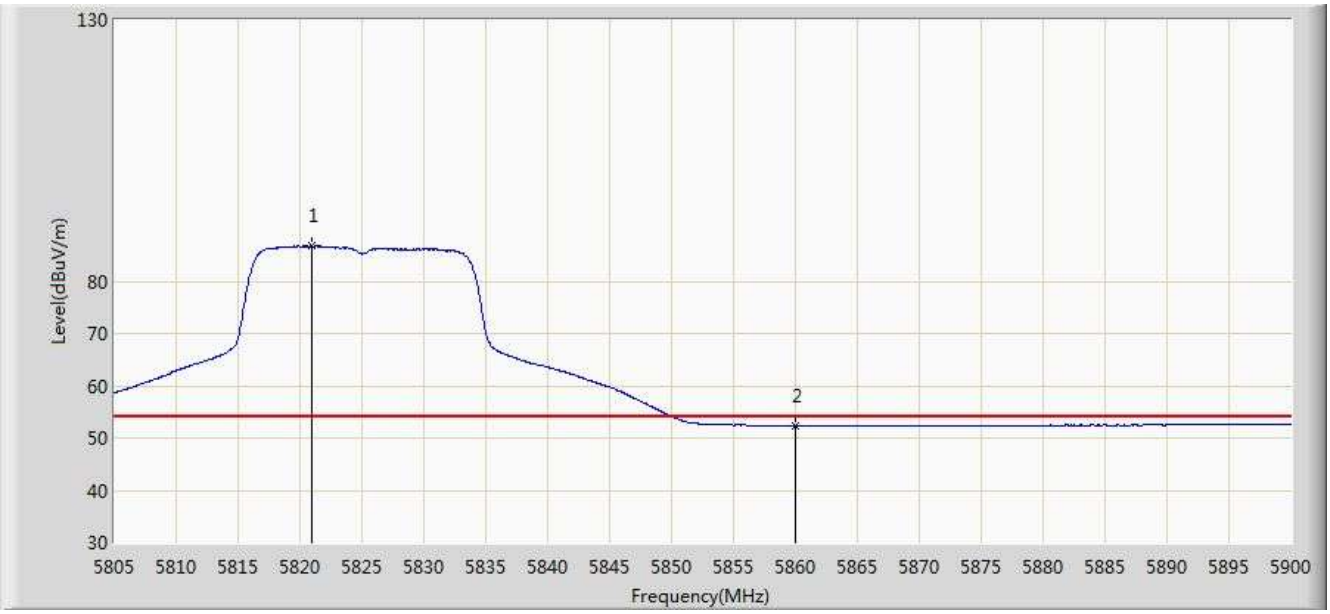


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.765	101.626	63.280	N/A	N/A	38.346	PK
2			5850.000	70.053	31.600	-8.147	78.200	38.454	PK
3			5860.000	64.122	25.644	-9.878	74.000	38.478	PK
4			5874.967	66.817	28.320	-7.183	74.000	38.497	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1	

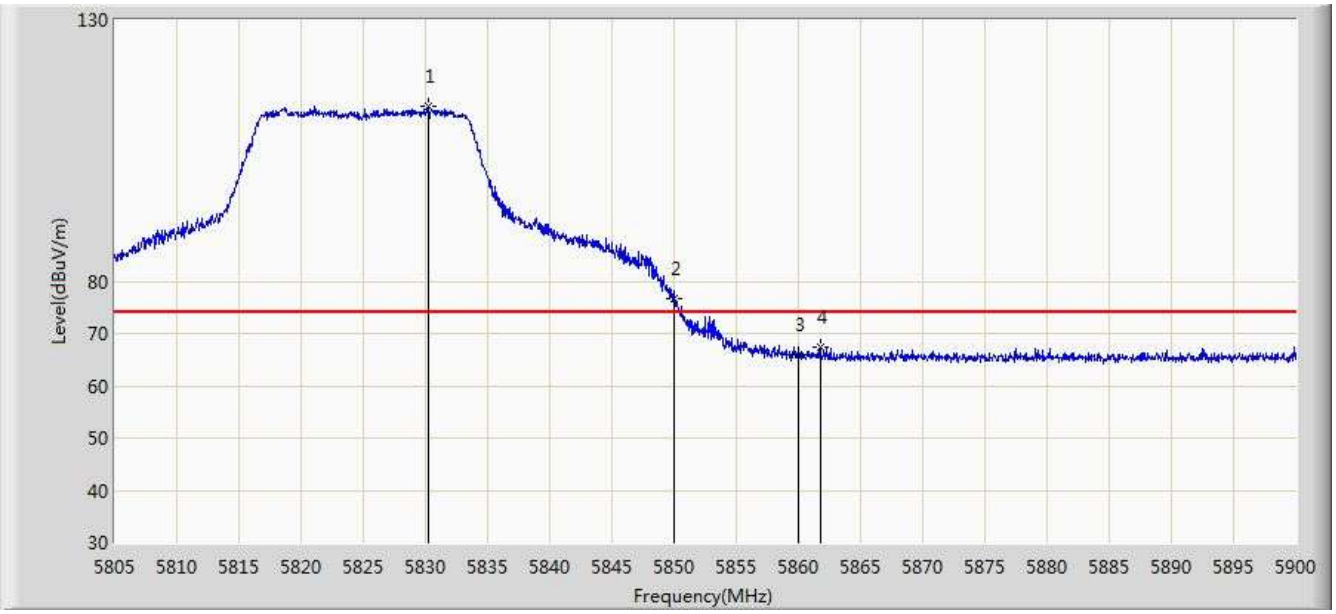


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.913	86.708	48.369	N/A	N/A	38.339	AV
2			5860.000	52.349	13.871	-1.651	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1	

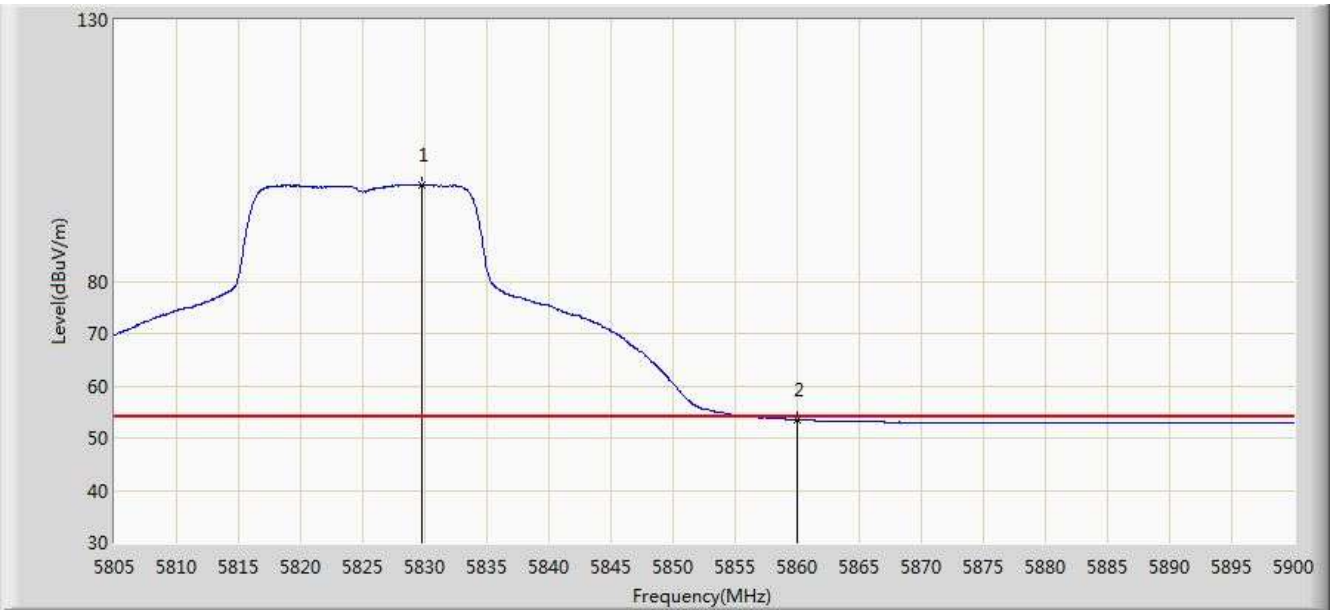


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.270	113.484	75.106	N/A	N/A	38.378	PK
2			5850.000	76.759	38.306	-1.441	78.200	38.454	PK
3			5860.000	65.890	27.412	-8.110	74.000	38.478	PK
4			5861.763	67.319	28.837	-6.681	74.000	38.482	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1	

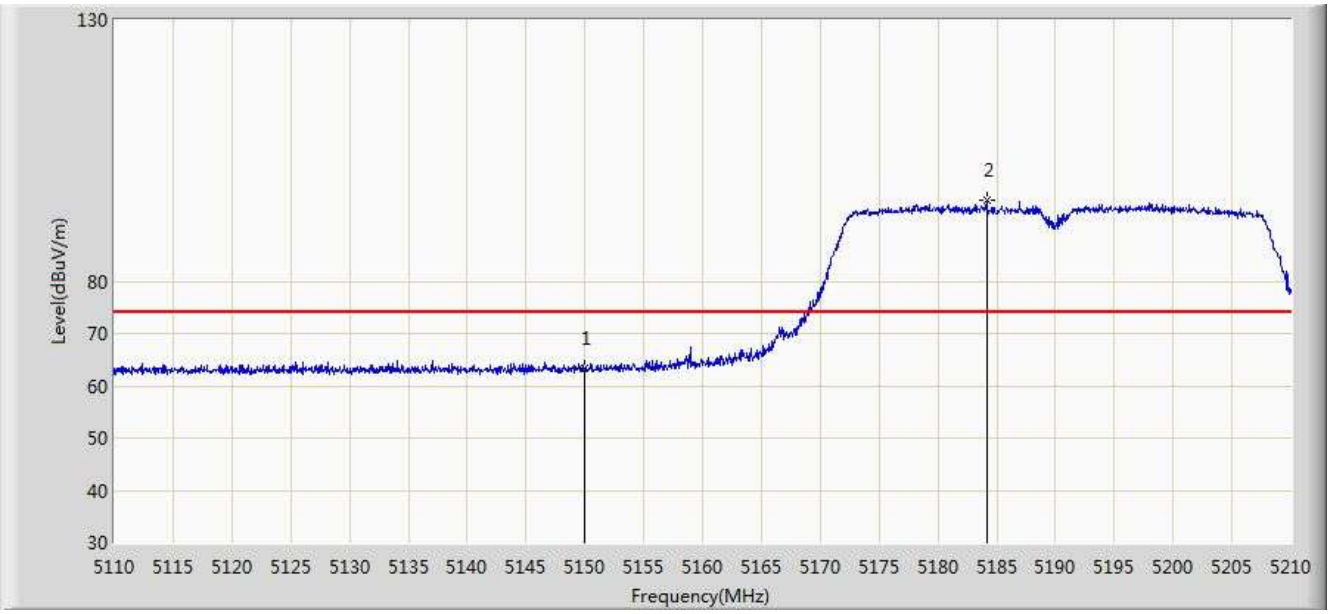


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.748	98.480	60.104	N/A	N/A	38.376	AV
2			5860.000	53.500	15.022	-0.500	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1	

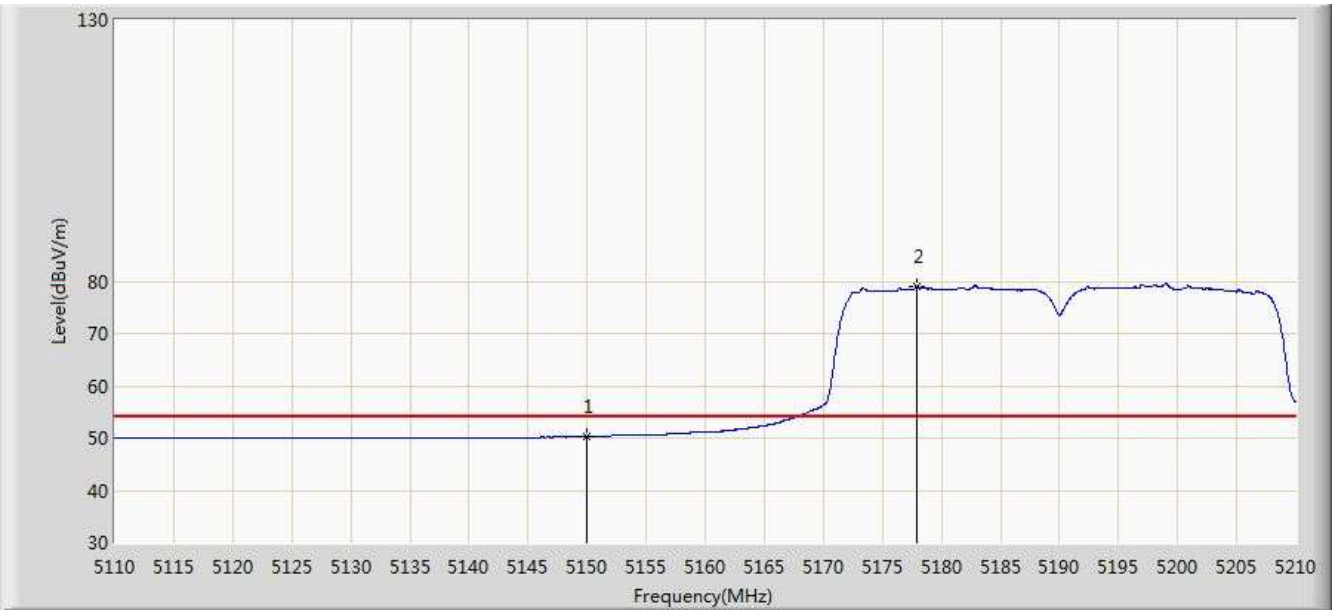


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.475	26.023	-10.525	74.000	37.452	PK
2		*	5184.150	95.587	58.223	N/A	N/A	37.364	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1	

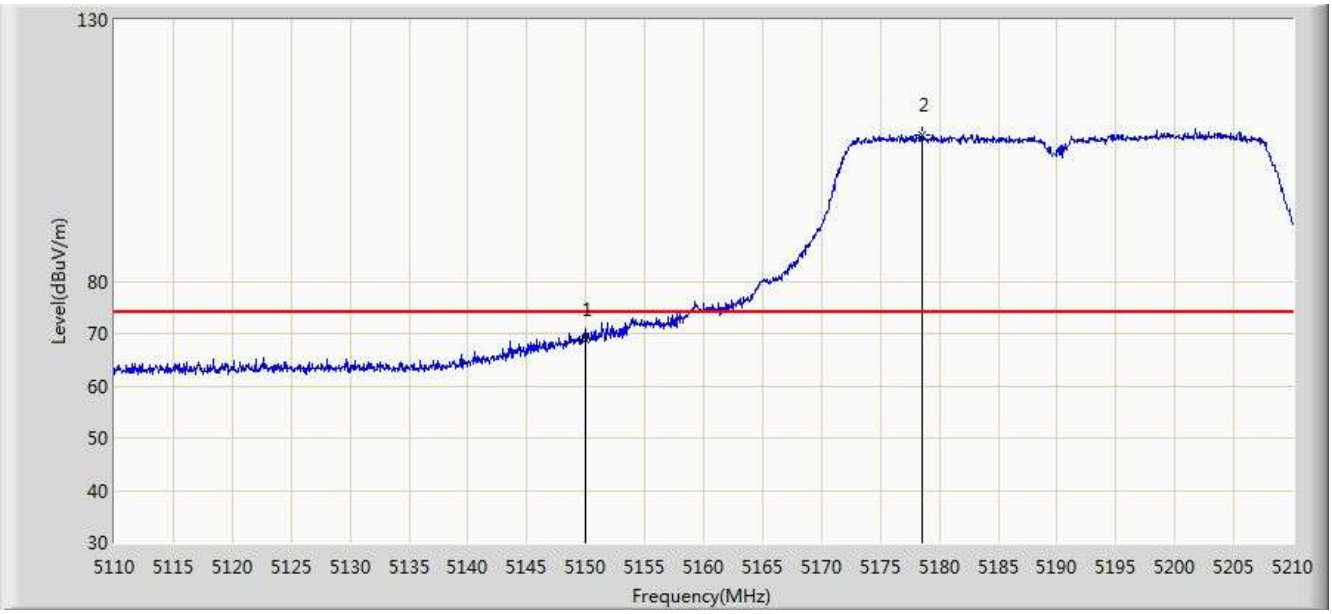


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.279	12.827	-3.721	54.000	37.452	AV
2		*	5177.900	79.000	41.622	N/A	N/A	37.378	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.983	31.531	-5.017	74.000	37.452	PK
2		*	5178.600	107.829	70.452	N/A	N/A	37.377	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

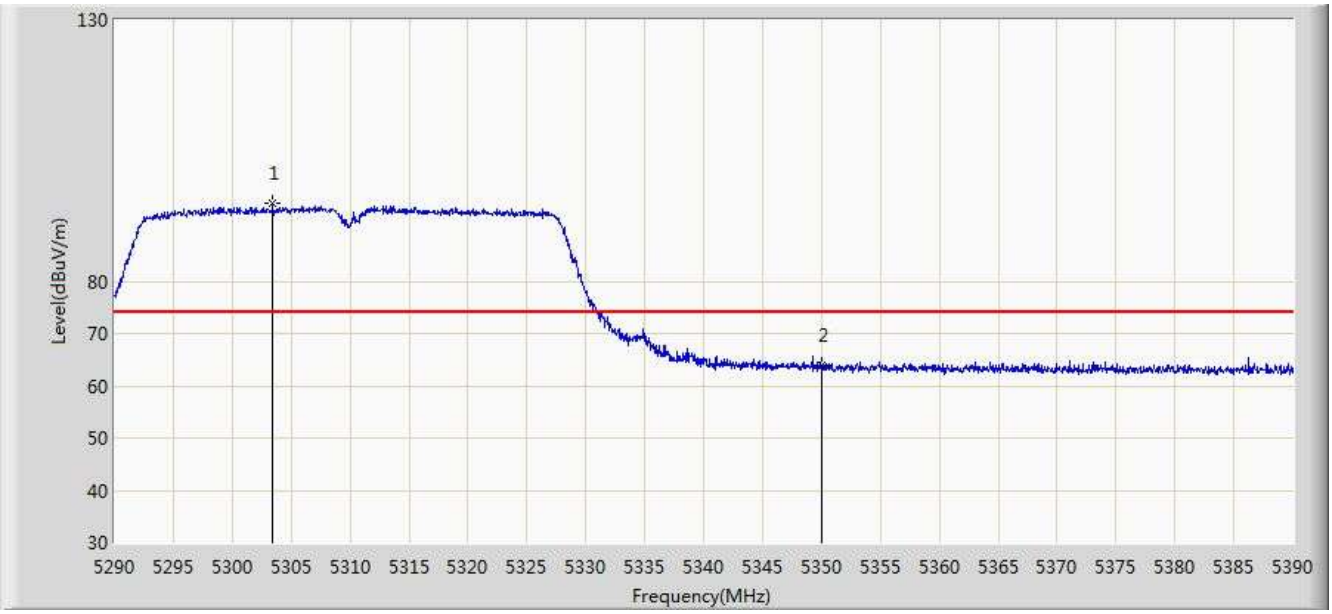
Site: AC1	Time: 2015/04/27 - 23:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.348	15.896	-0.652	54.000	37.452	AV
2		*	5188.850	90.734	53.382	N/A	N/A	37.352	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1	

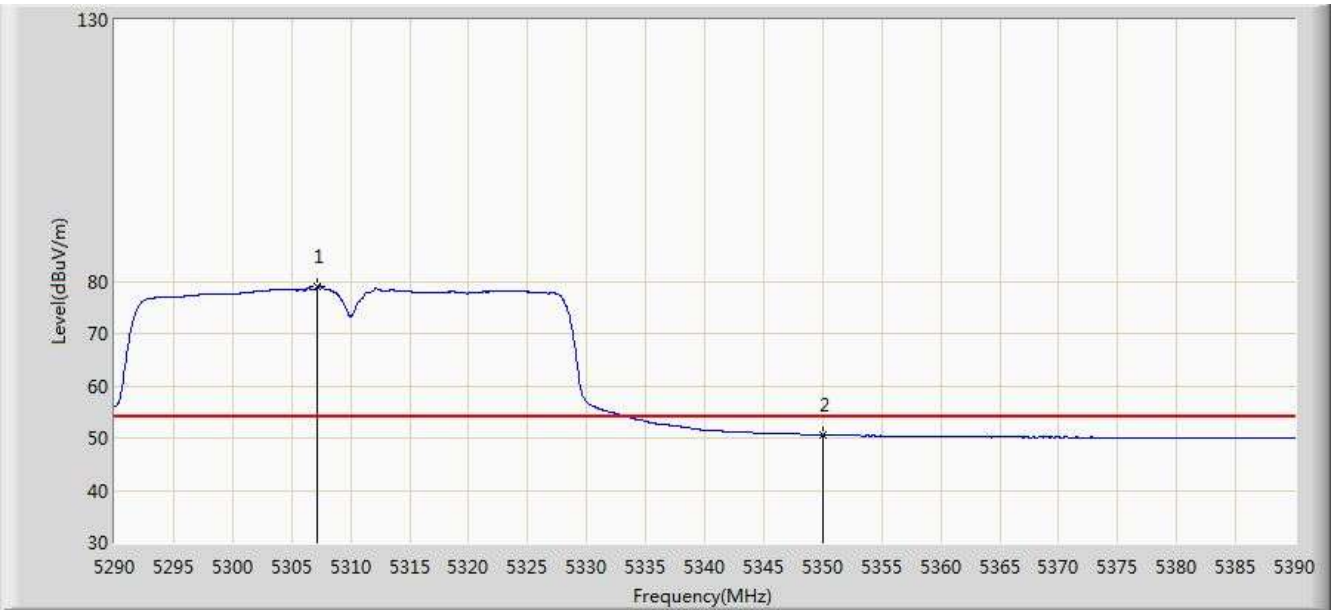


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5303.450	94.929	57.739	N/A	N/A	37.190	PK
2			5350.000	63.897	26.611	-10.103	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1	

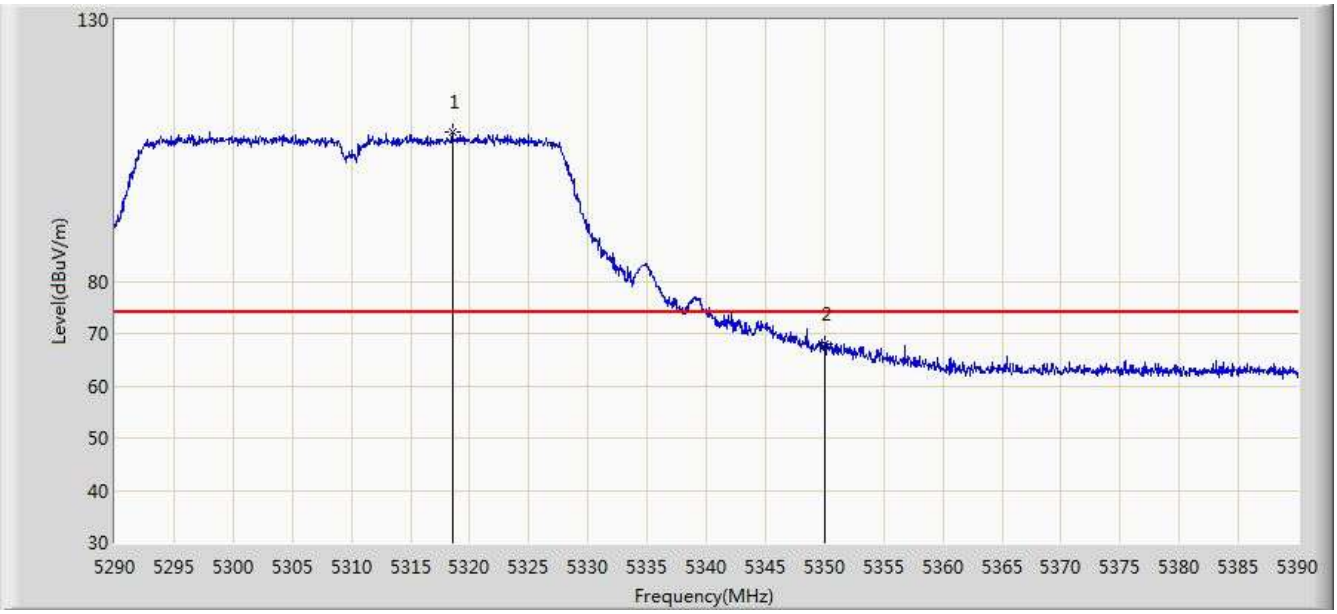


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.200	78.946	41.751	N/A	N/A	37.194	AV
2			5350.000	50.577	13.291	-3.423	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1	

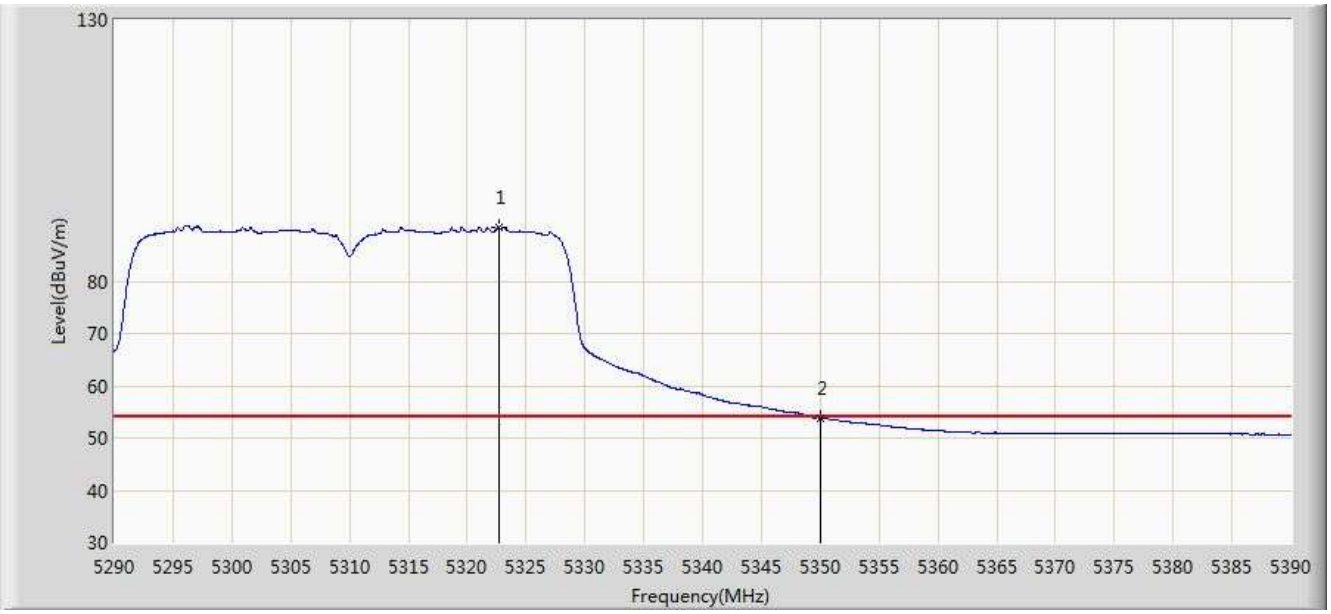


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.550	108.425	71.214	N/A	N/A	37.211	PK
2			5350.000	67.977	30.691	-6.023	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/27 - 23:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1	

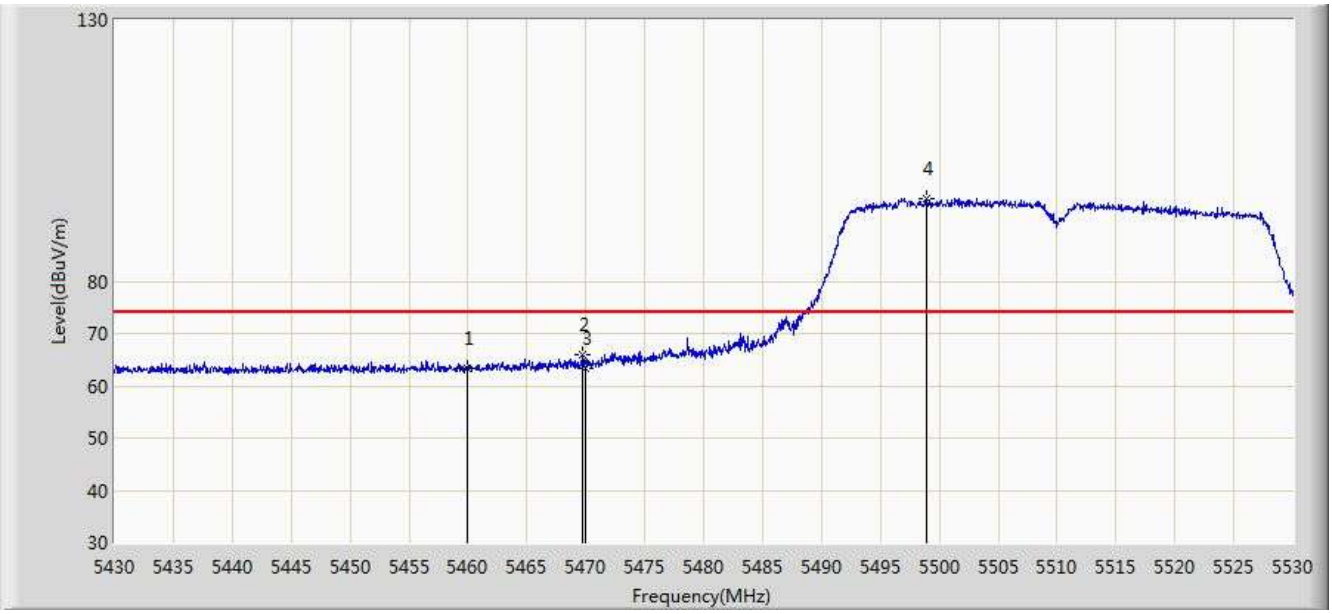


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.650	90.405	53.187	N/A	N/A	37.219	AV
2			5350.000	53.819	16.533	-0.181	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.402	25.839	-10.598	74.000	37.563	PK
2			5469.750	65.894	28.306	-8.106	74.000	37.588	PK
3			5470.000	63.354	25.765	-10.646	74.000	37.588	PK
4		*	5498.900	95.729	58.106	N/A	N/A	37.624	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

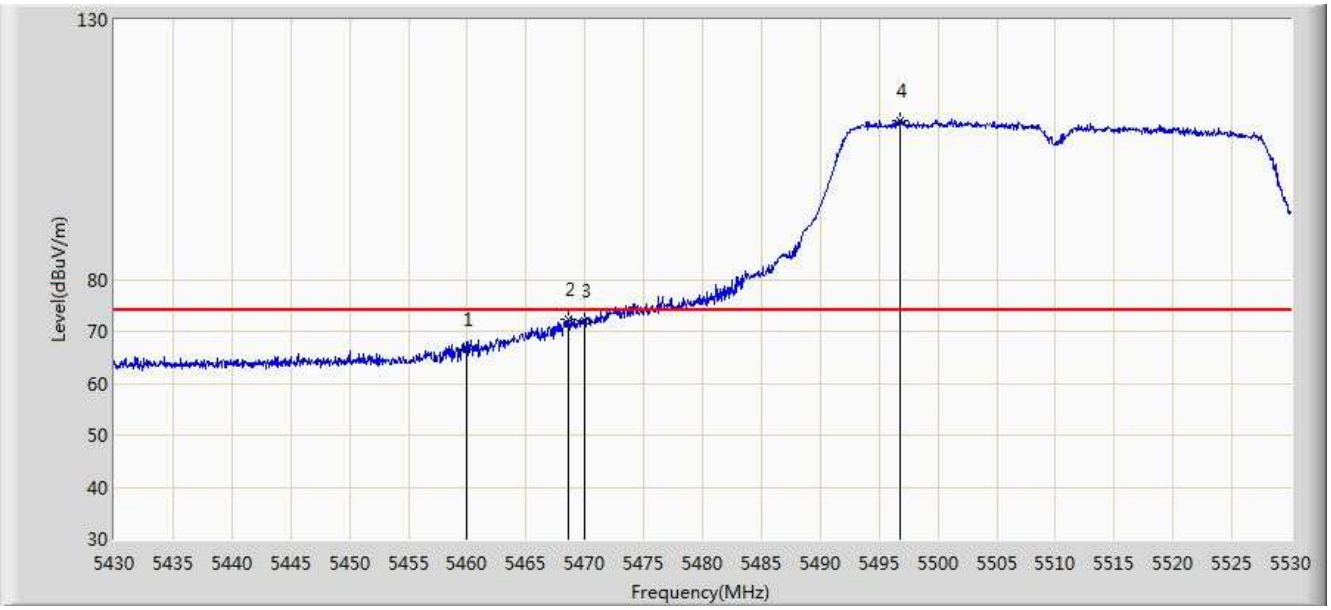
Site: AC1	Time: 2015/04/28 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.389	12.826	-3.611	54.000	37.563	AV
2			5470.000	51.245	13.656	-2.755	54.000	37.588	AV
3		*	5504.600	79.600	41.971	N/A	N/A	37.629	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1	

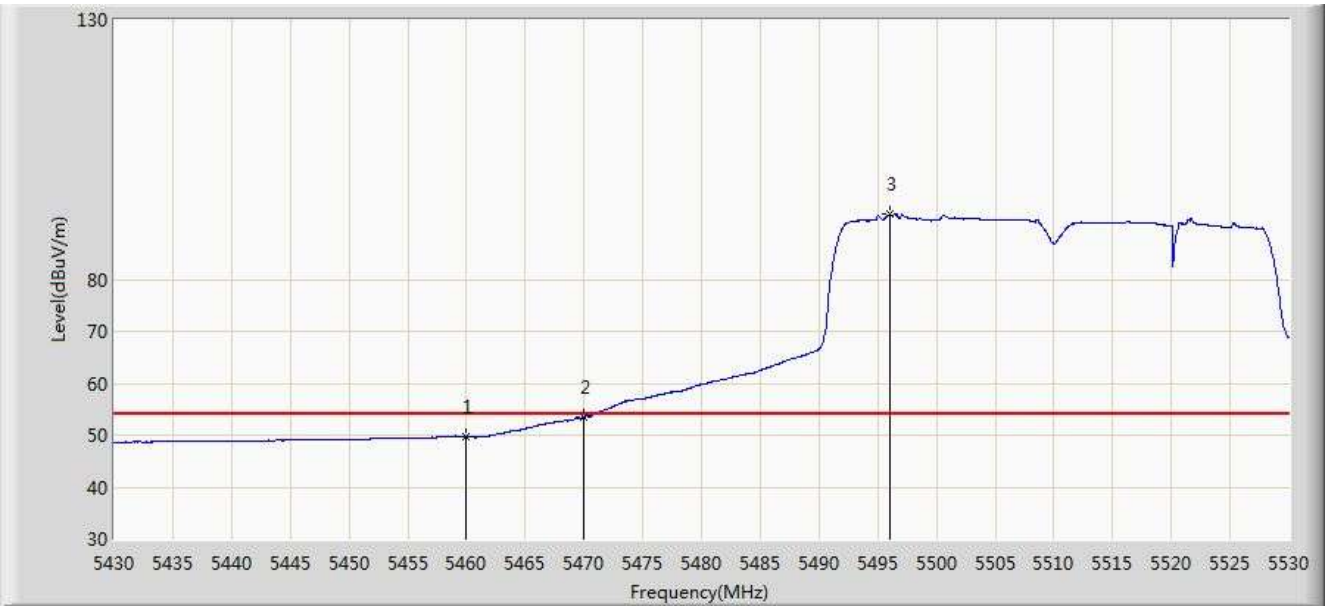


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	66.618	29.055	-7.382	74.000	37.563	PK
2			5468.650	72.389	34.804	-1.611	74.000	37.585	PK
3			5470.000	72.167	34.579	-1.833	74.000	37.588	PK
4		*	5496.750	110.596	72.975	N/A	N/A	37.621	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1	

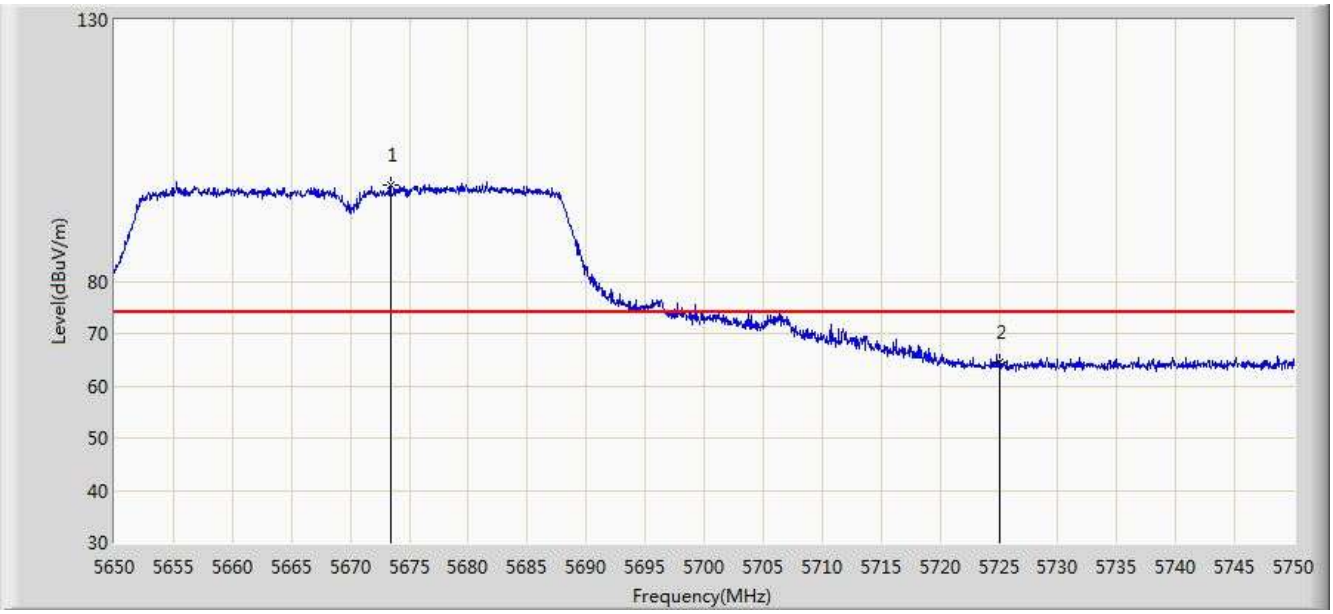


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.821	12.258	-4.179	54.000	37.563	AV
2			5470.000	53.466	15.878	-0.534	54.000	37.588	AV
3		*	5496.050	92.697	55.077	N/A	N/A	37.620	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1	

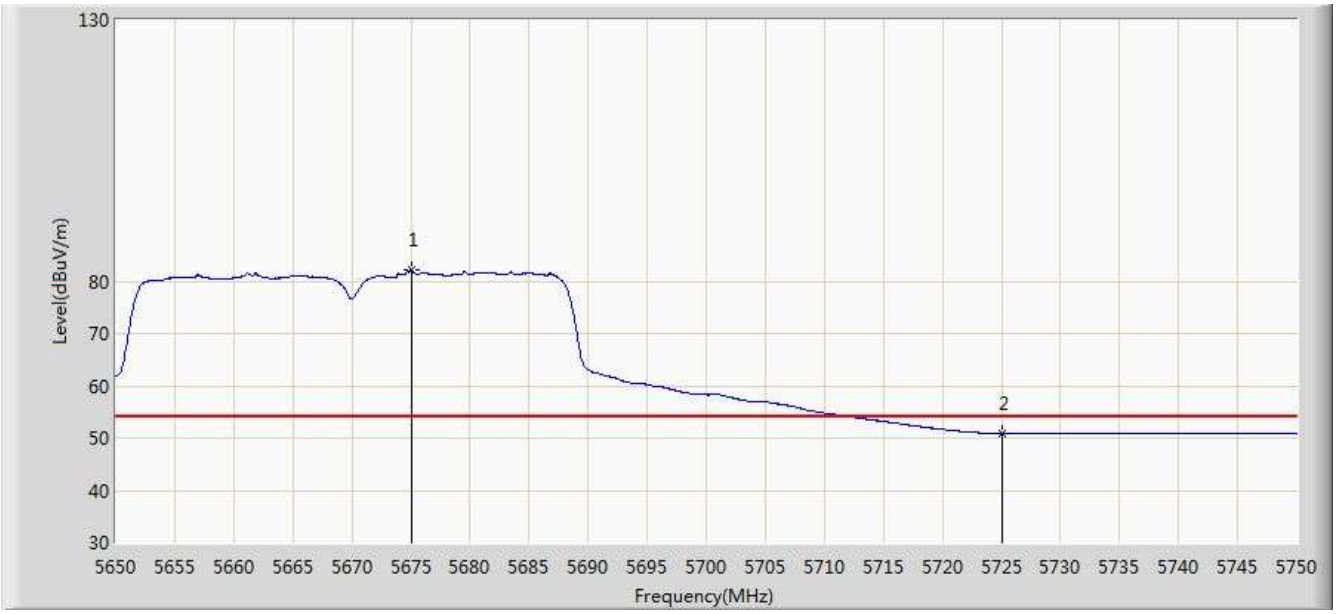


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5673.400	98.527	60.713	N/A	N/A	37.813	PK
2			5725.000	64.631	26.641	-9.369	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1	

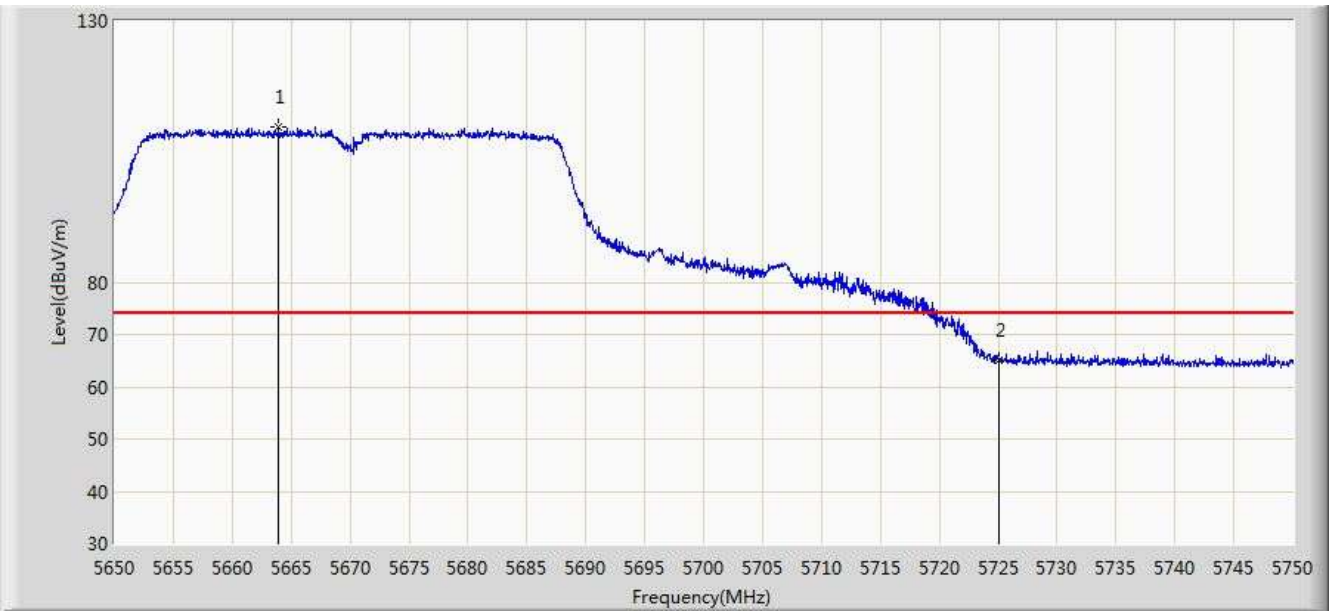


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.000	82.225	44.409	N/A	N/A	37.816	AV
2			5725.000	50.919	12.929	-3.081	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1	

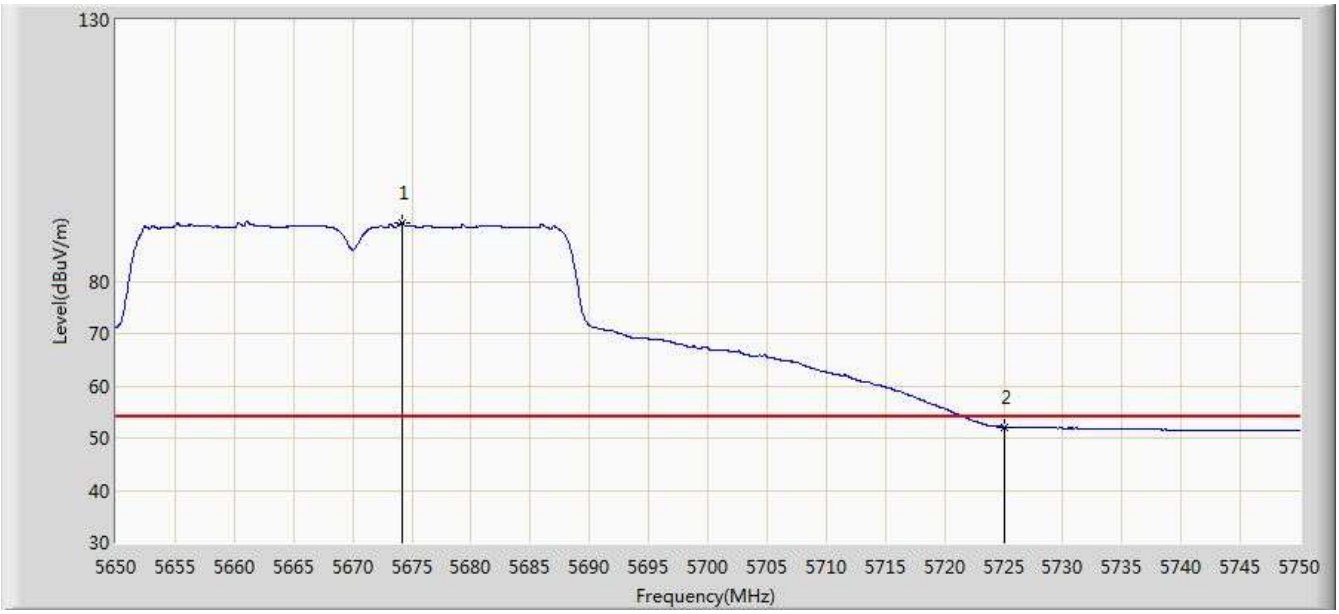


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5663.950	109.712	71.910	N/A	N/A	37.801	PK
2			5725.000	64.930	26.940	-9.070	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1	

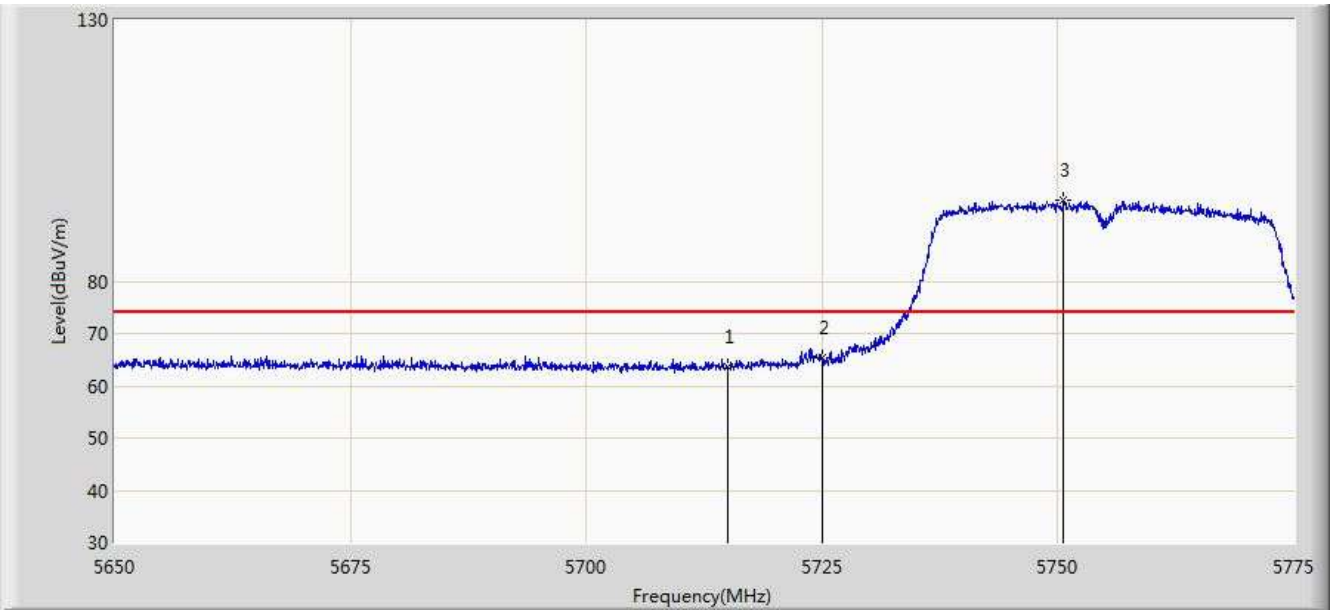


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5674.200	91.267	53.452	N/A	N/A	37.815	AV
2			5725.000	52.092	14.102	-1.908	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1	

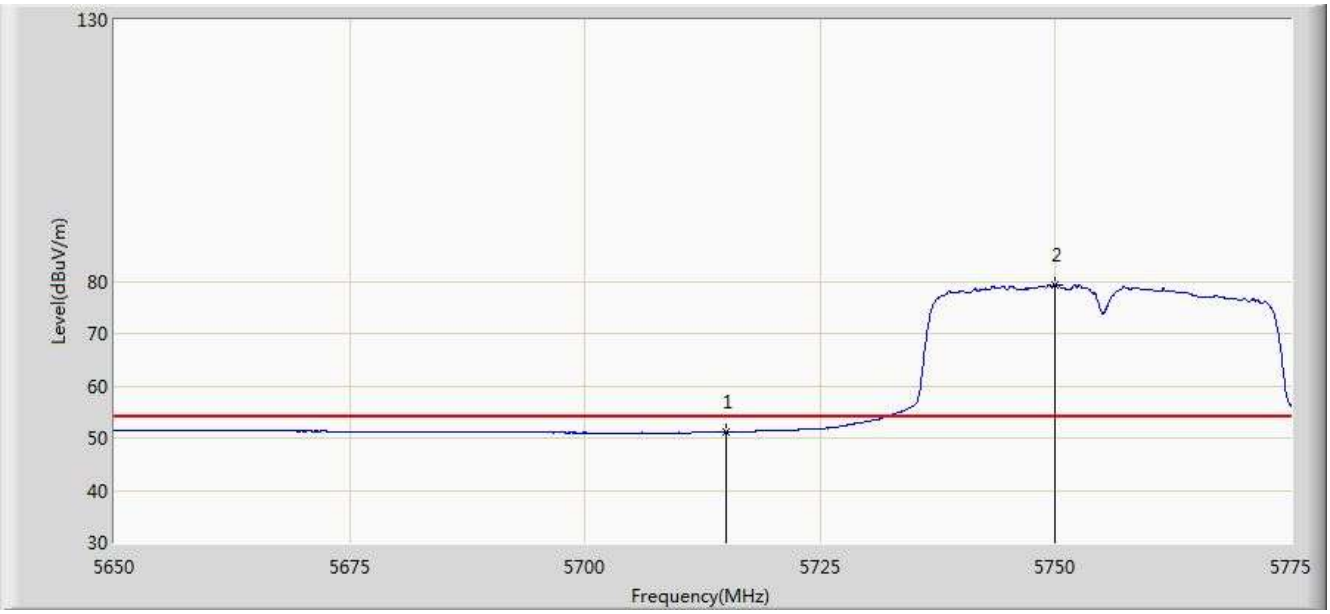


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.759	25.810	-10.241	74.000	37.949	PK
2			5725.000	65.359	27.369	-12.841	78.200	37.990	PK
3		*	5750.625	95.457	57.358	N/A	N/A	38.098	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1	

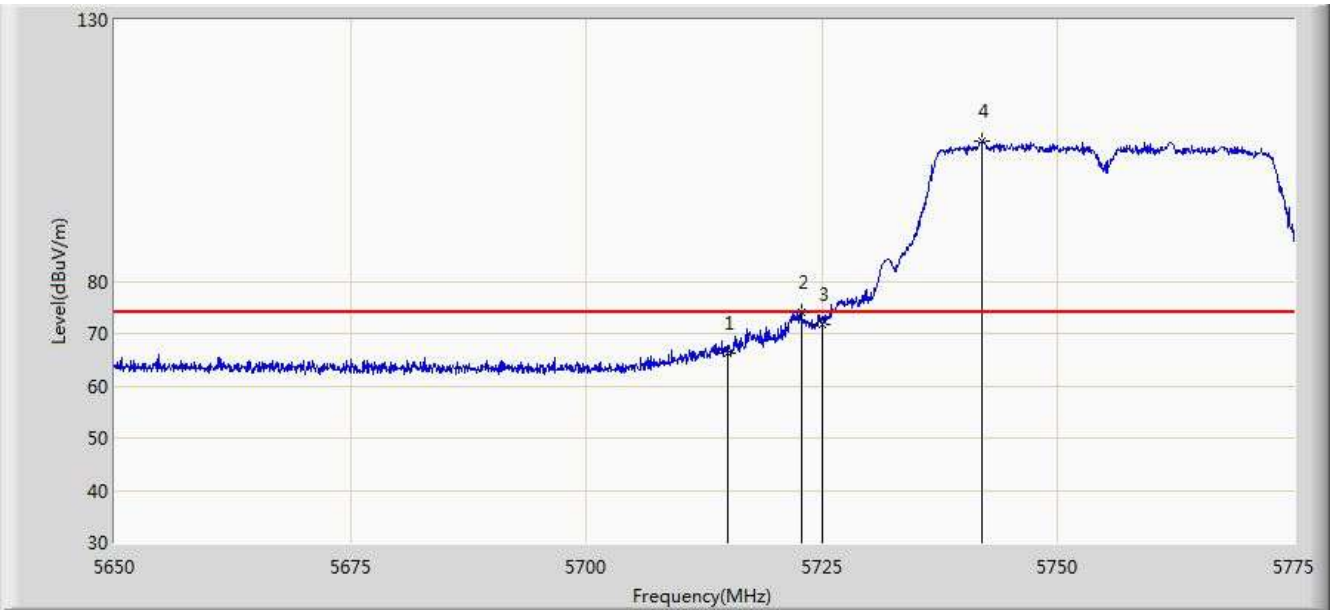


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.099	13.150	-2.901	54.000	37.949	AV
2		*	5749.875	79.280	41.185	N/A	N/A	38.095	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1	

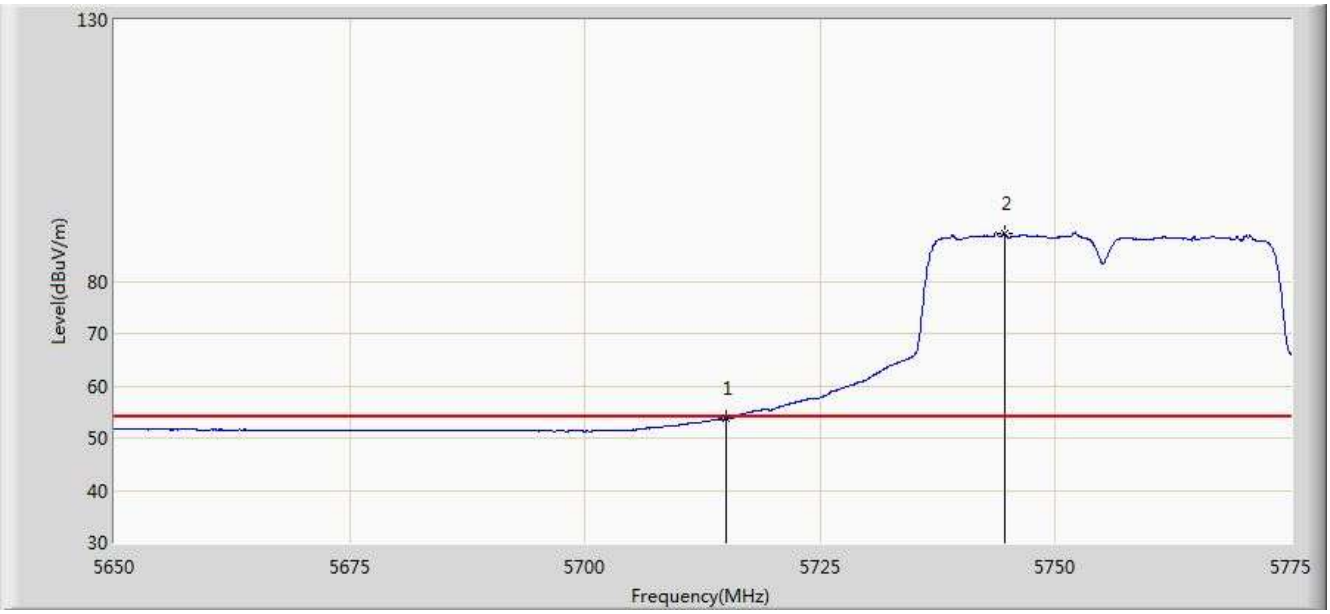


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.225	28.276	-7.775	74.000	37.949	PK
2			5722.812	74.074	36.093	-4.126	78.200	37.980	PK
3			5725.000	71.612	33.622	-6.588	78.200	37.990	PK
4		*	5742.000	106.891	68.833	N/A	N/A	38.059	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1	

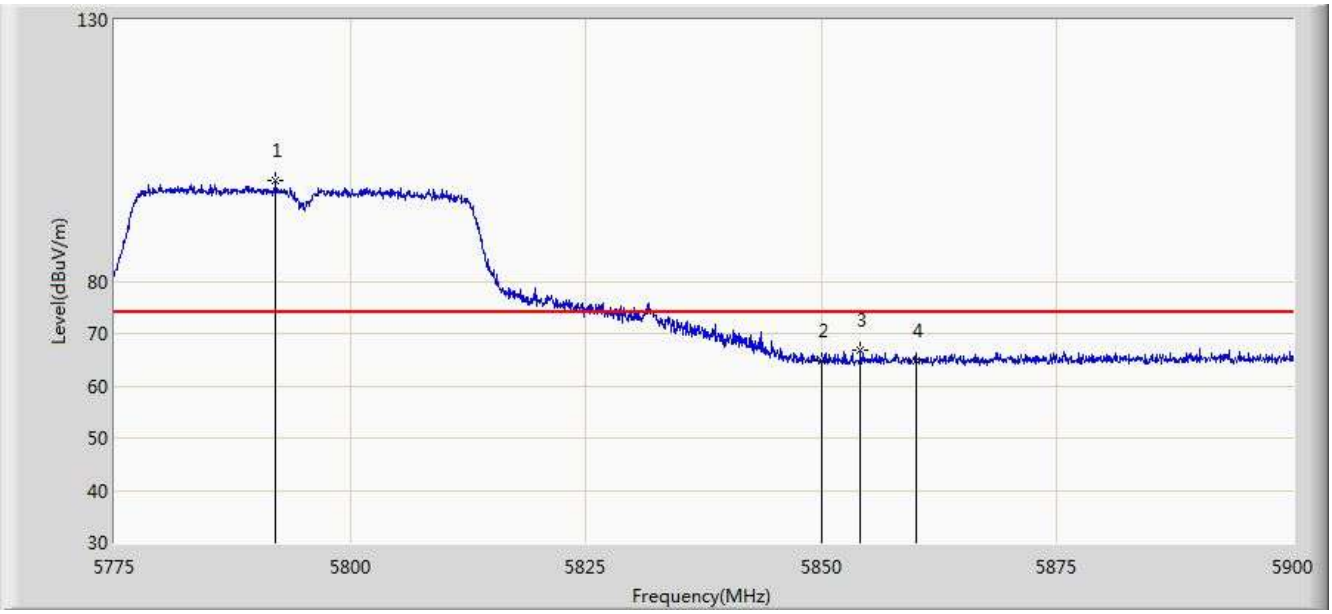


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.697	15.748	-0.303	54.000	37.949	AV
2		*	5744.625	89.228	51.158	N/A	N/A	38.070	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1	

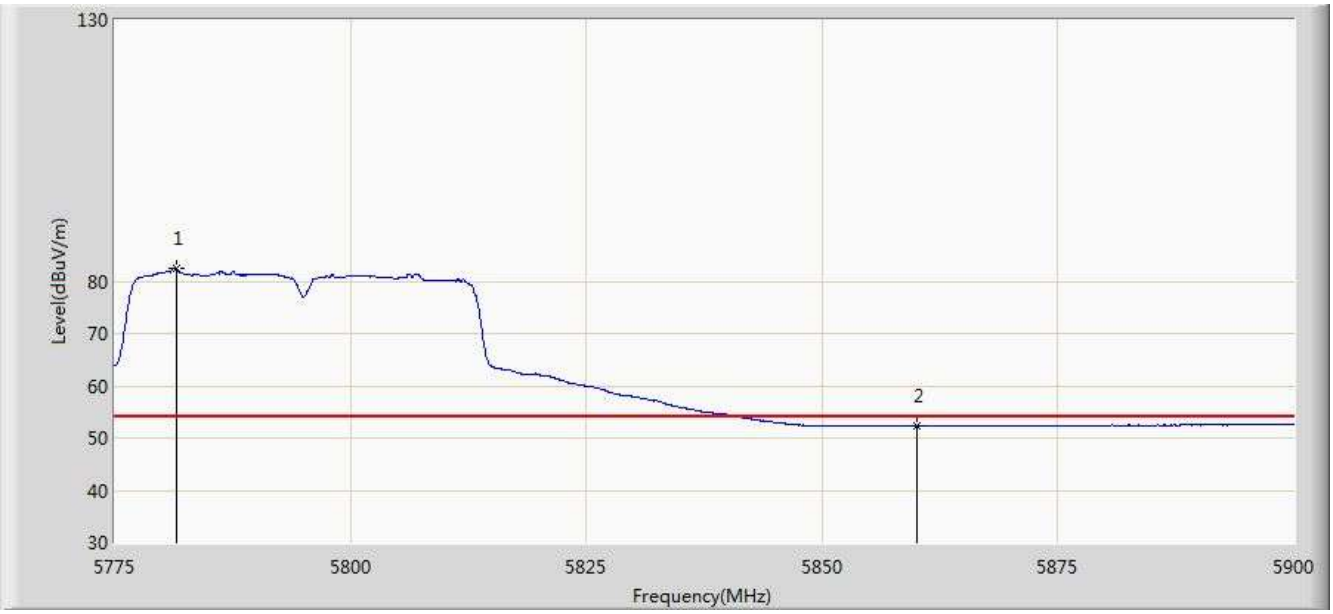


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5792.125	99.143	60.904	N/A	N/A	38.238	PK
2			5850.000	64.714	26.261	-13.486	78.200	38.454	PK
3			5854.125	66.781	28.318	-11.419	78.200	38.463	PK
4			5860.000	64.654	26.176	-9.346	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1	

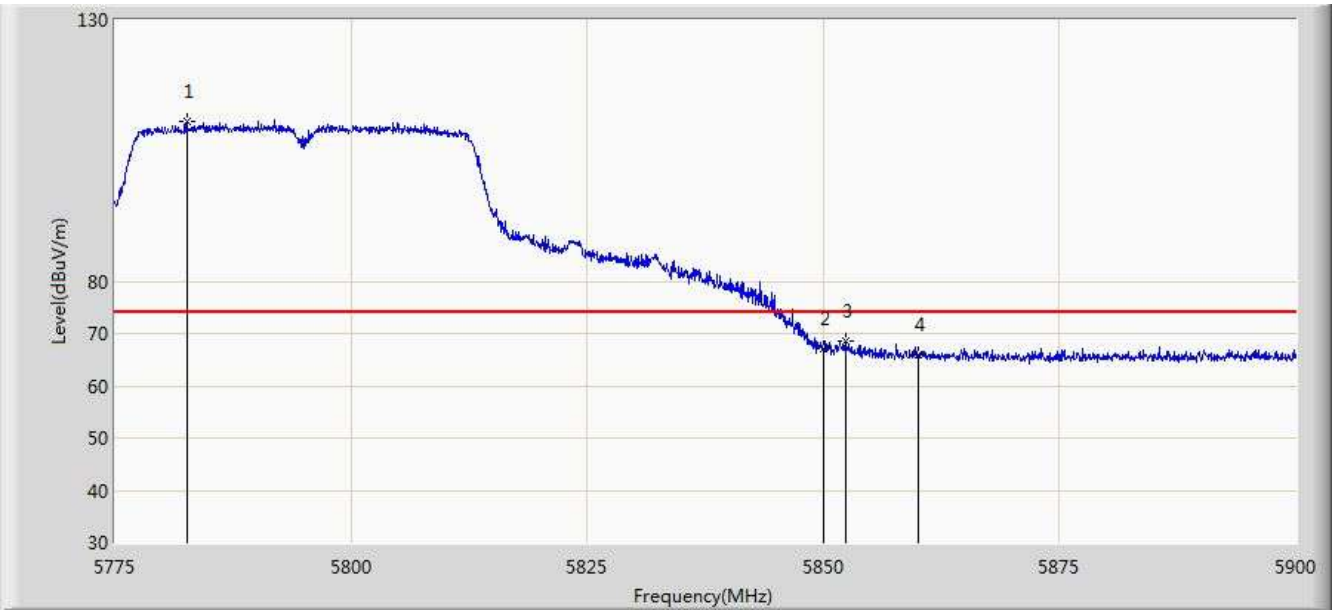


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.562	82.463	44.263	N/A	N/A	38.200	AV
2			5860.000	52.338	13.860	-1.662	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1	

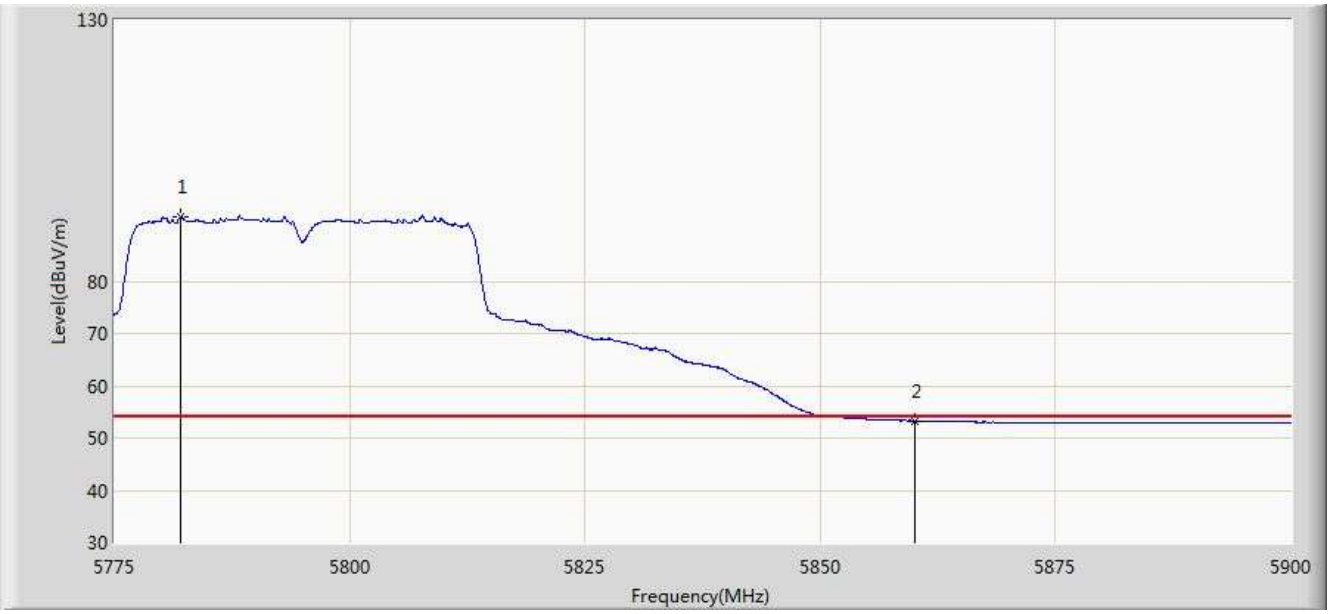


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.625	110.678	72.474	N/A	N/A	38.204	PK
2			5850.000	67.125	28.672	-11.075	78.200	38.454	PK
3			5852.312	68.536	30.077	-9.664	78.200	38.459	PK
4			5860.000	65.857	27.379	-8.143	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1	

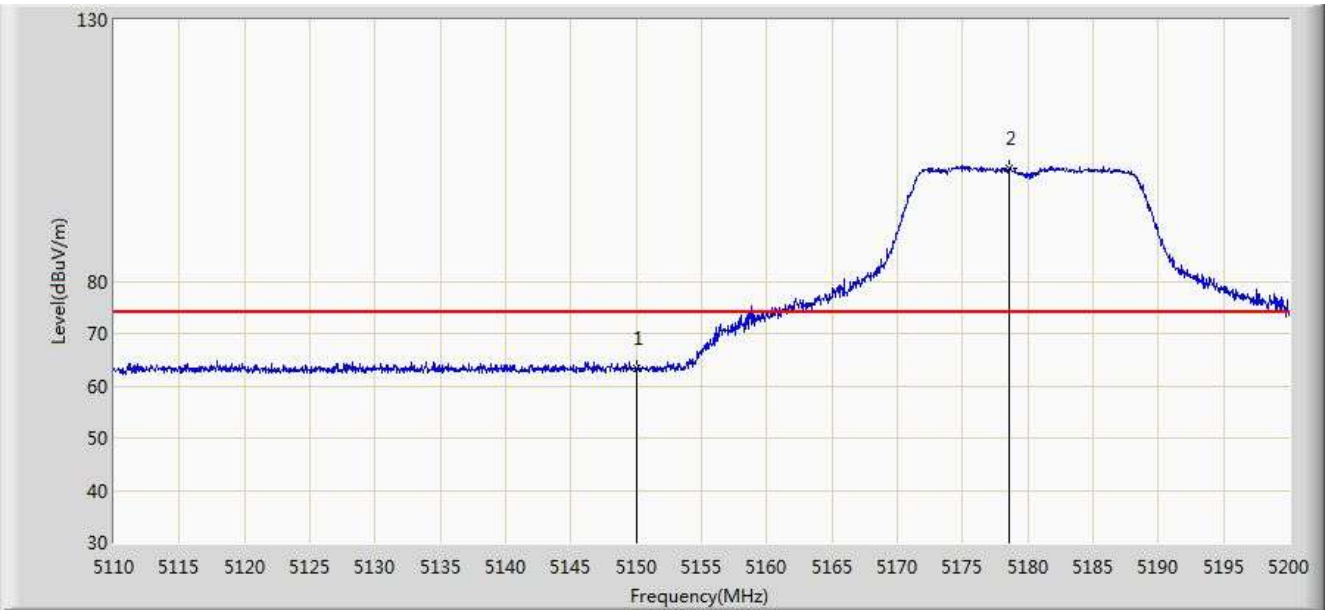


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.125	92.363	54.161	N/A	N/A	38.202	AV
2			5860.000	53.253	14.775	-0.747	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1	

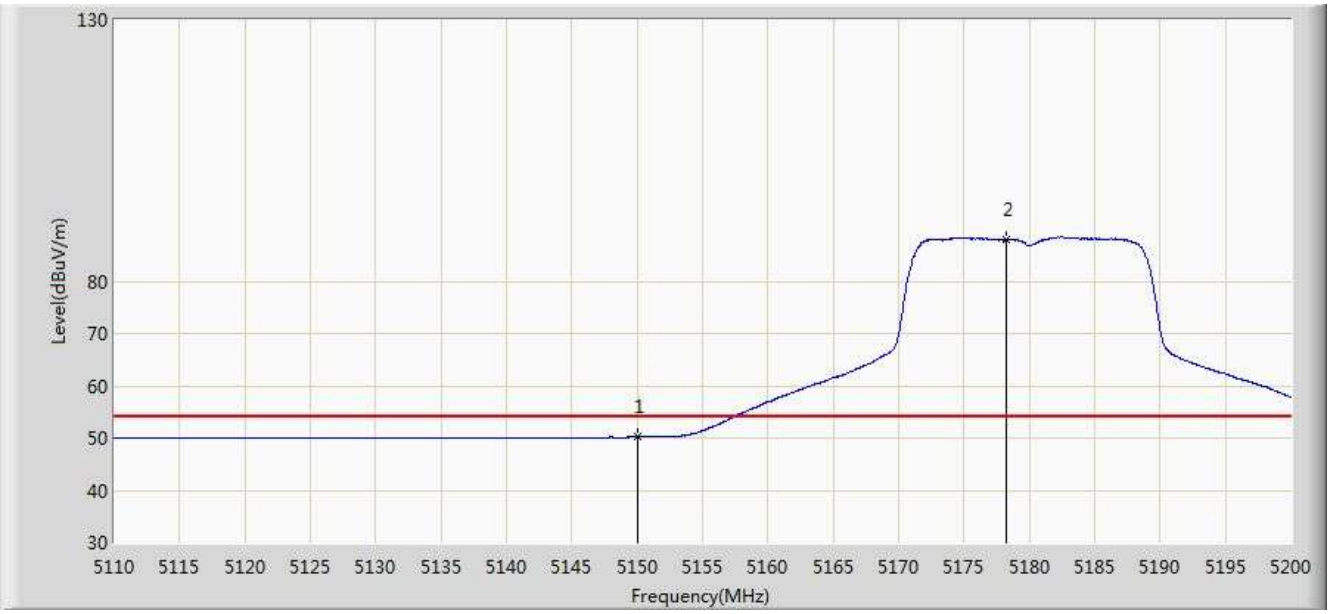


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.253	25.801	-10.747	74.000	37.452	PK
2		*	5178.625	101.647	64.270	N/A	N/A	37.377	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1	

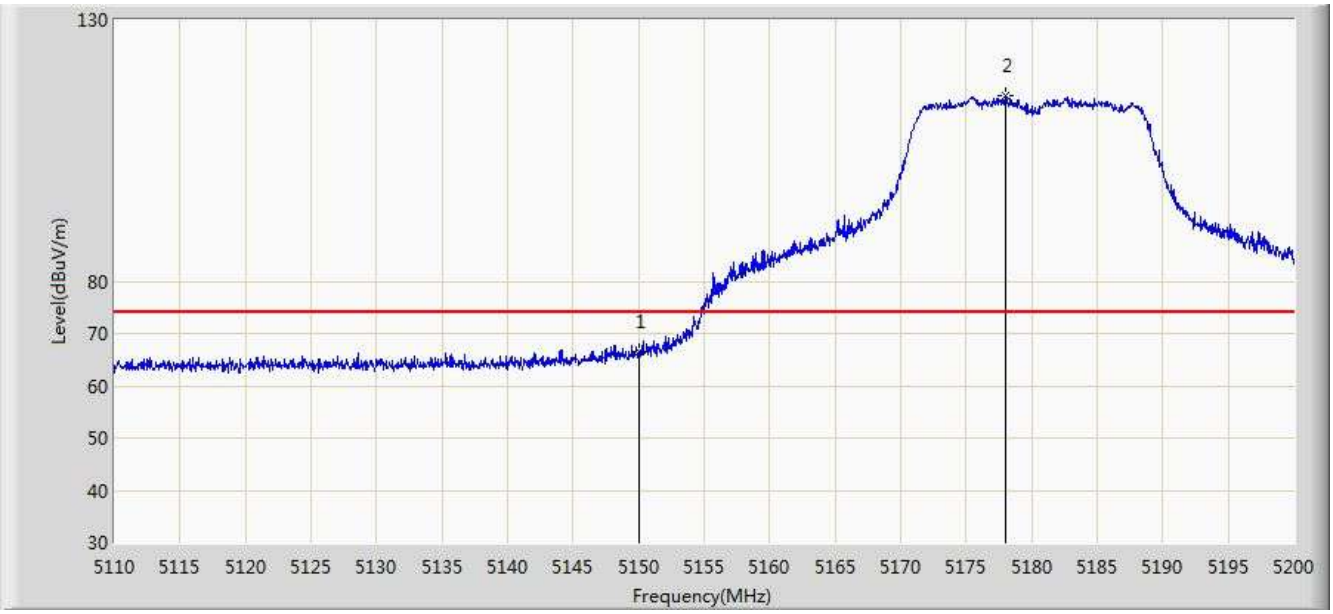


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.159	12.707	-3.841	54.000	37.452	AV
2		*	5178.220	87.957	50.579	N/A	N/A	37.378	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.542	29.090	-7.458	74.000	37.452	PK
2		*	5177.995	115.551	78.173	N/A	N/A	37.378	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

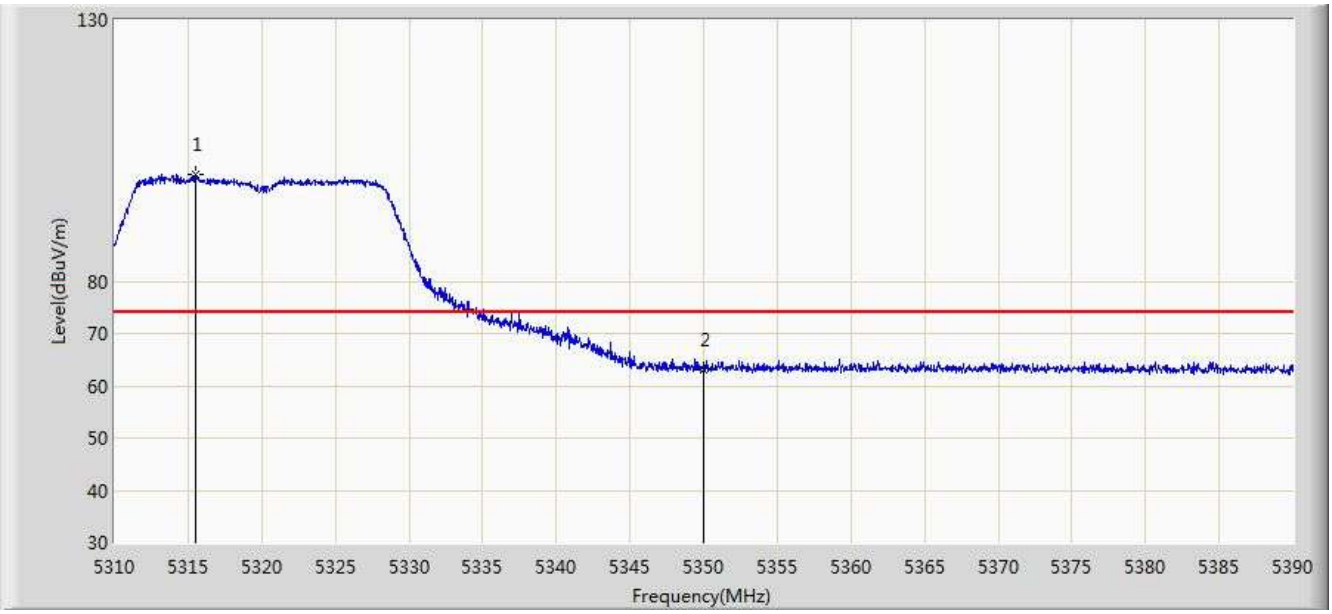
Site: AC1	Time: 2015/04/28 - 00:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.467	16.015	-0.533	54.000	37.452	AV
2		*	5177.995	100.256	62.878	N/A	N/A	37.378	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1	

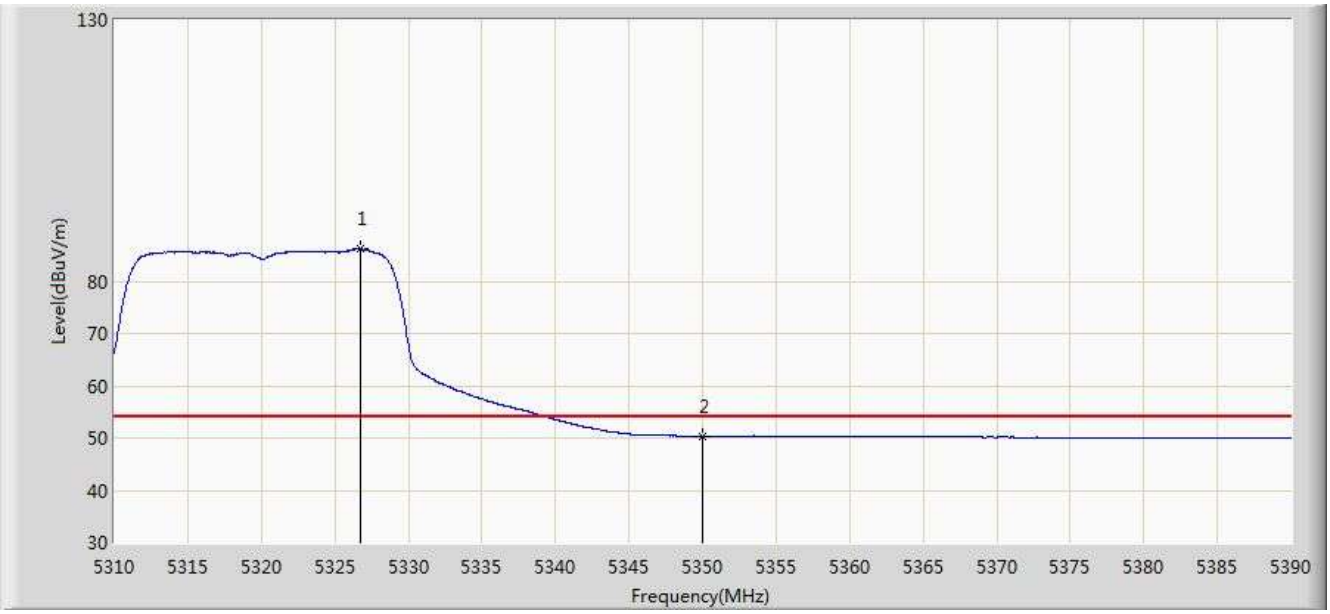


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.520	100.398	63.192	N/A	N/A	37.206	PK
2			5350.000	63.116	25.830	-10.884	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1	

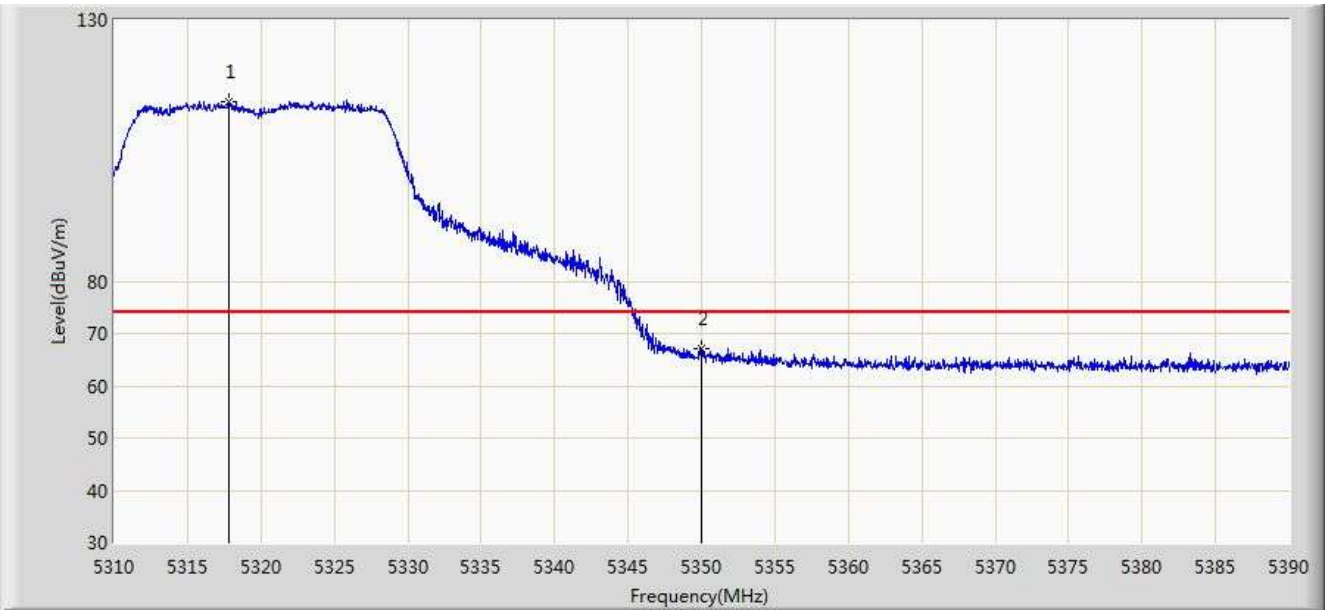


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.760	86.122	48.897	N/A	N/A	37.225	AV
2			5350.000	50.381	13.095	-3.619	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1	

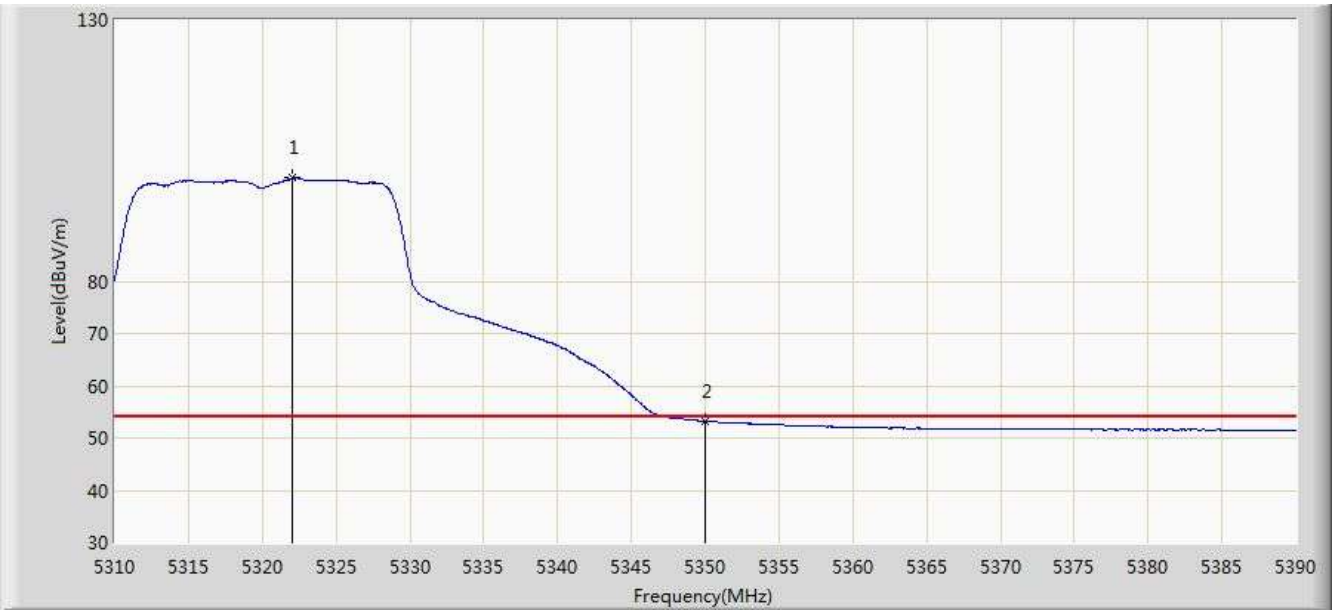


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.800	114.355	77.145	N/A	N/A	37.210	PK
2			5350.000	67.135	29.849	-6.865	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1	

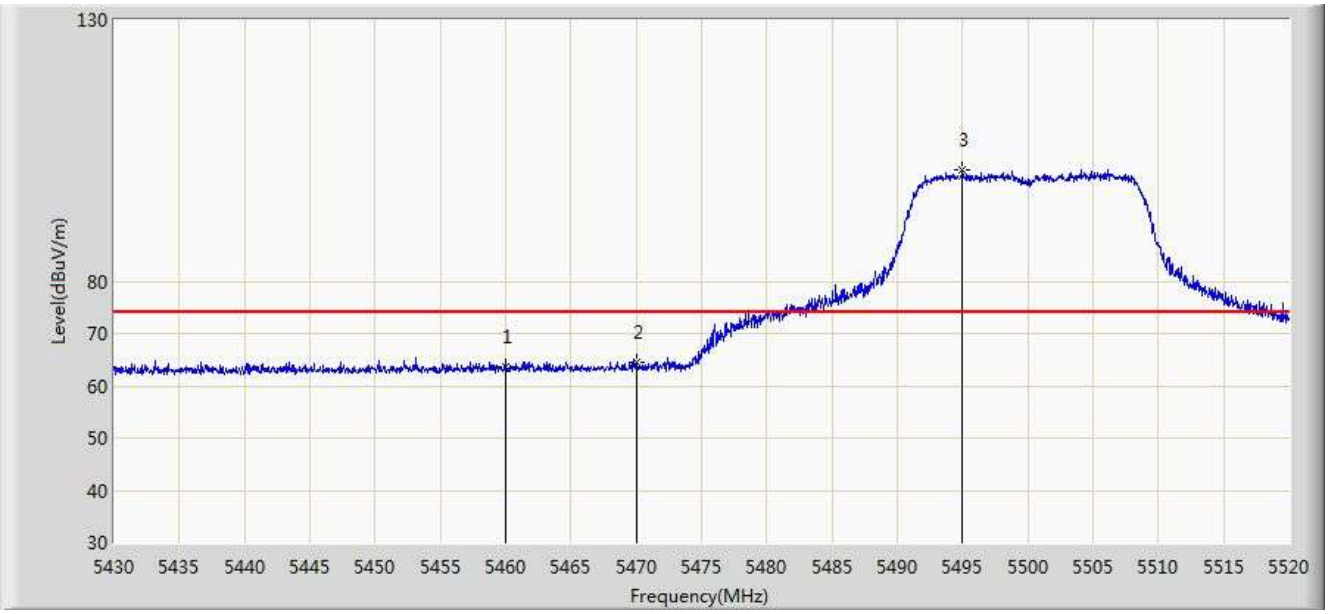


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.080	99.794	62.577	N/A	N/A	37.218	AV
2			5350.000	53.288	16.002	-0.712	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1	

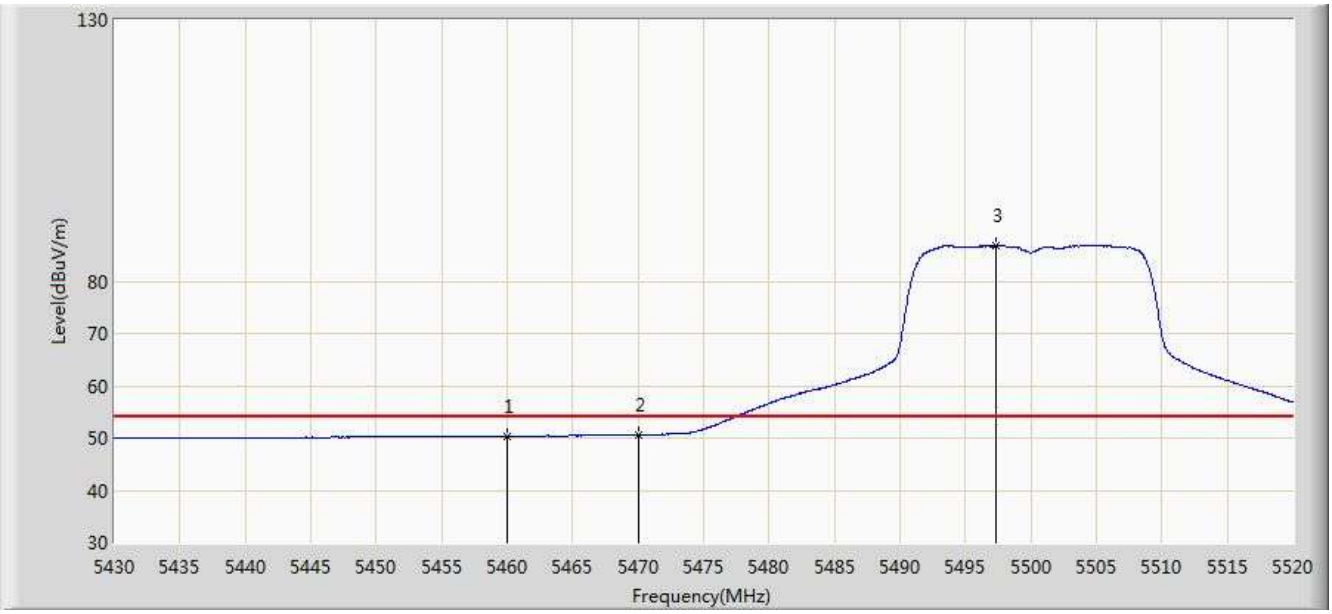


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.651	26.088	-10.349	74.000	37.563	PK
2			5470.000	64.480	26.891	-9.520	74.000	37.588	PK
3		*	5494.980	101.291	63.672	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1	

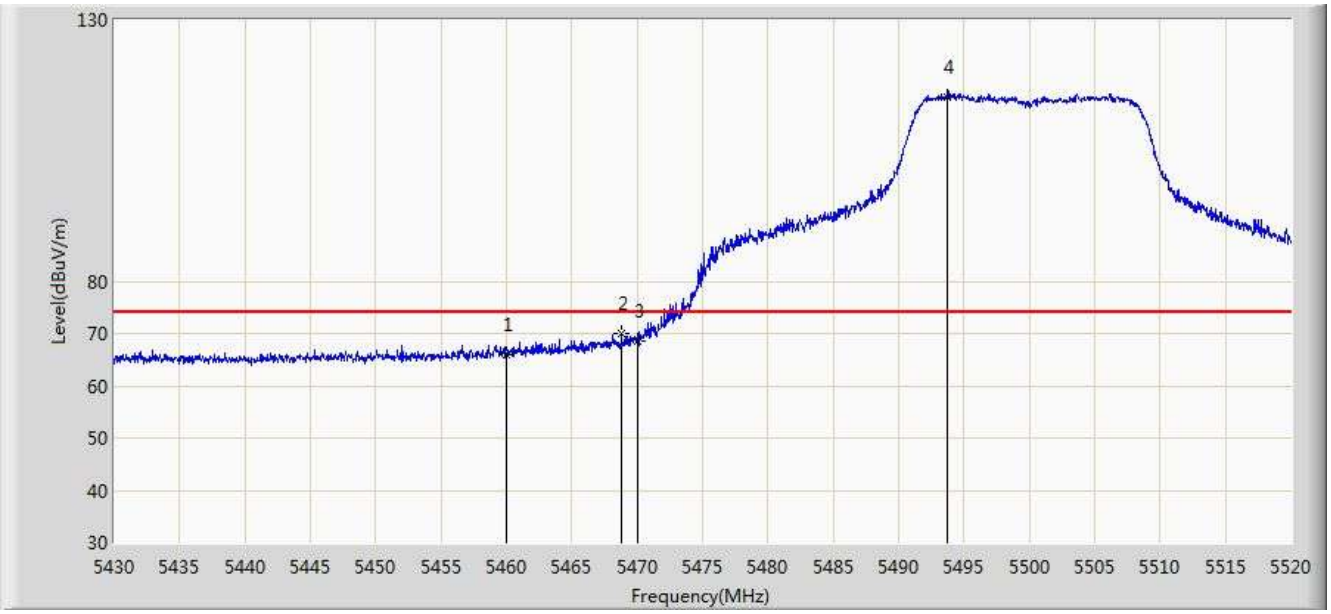


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.304	12.741	-3.696	54.000	37.563	AV
2			5470.000	50.620	13.031	-3.380	54.000	37.588	AV
3		*	5497.275	86.757	49.136	N/A	N/A	37.622	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1	

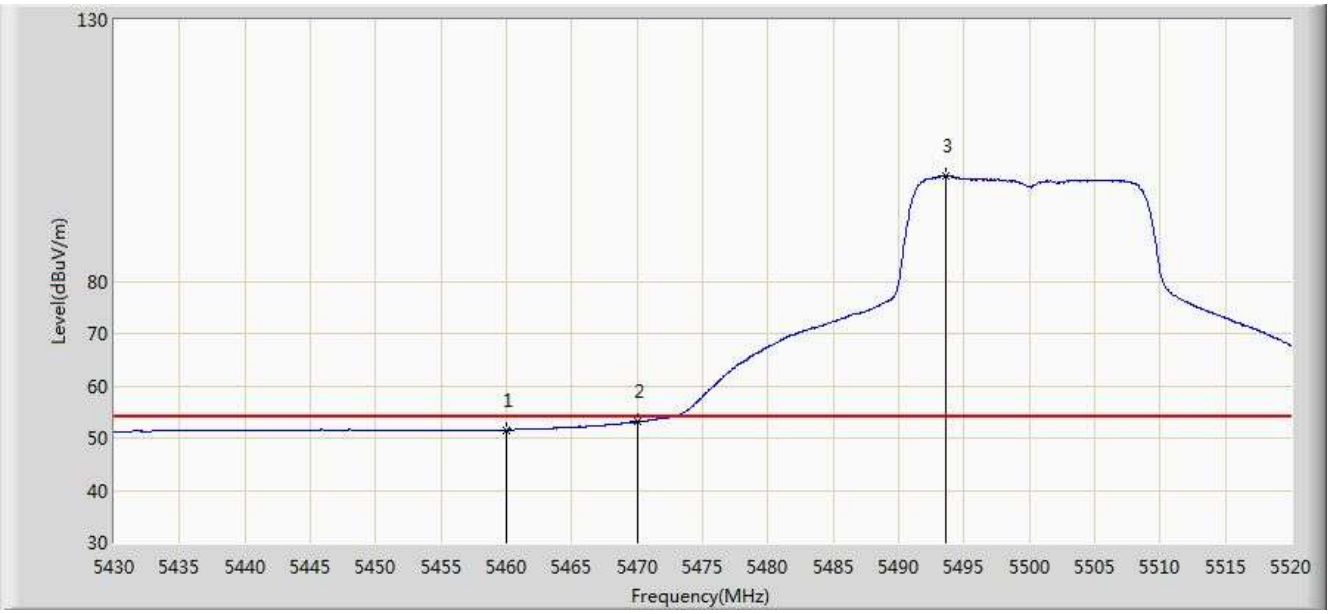


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.971	28.408	-8.029	74.000	37.563	PK
2			5468.790	70.022	32.437	-3.978	74.000	37.585	PK
3			5470.000	68.533	30.944	-5.467	74.000	37.588	PK
4		*	5493.765	115.233	77.615	N/A	N/A	37.617	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1	

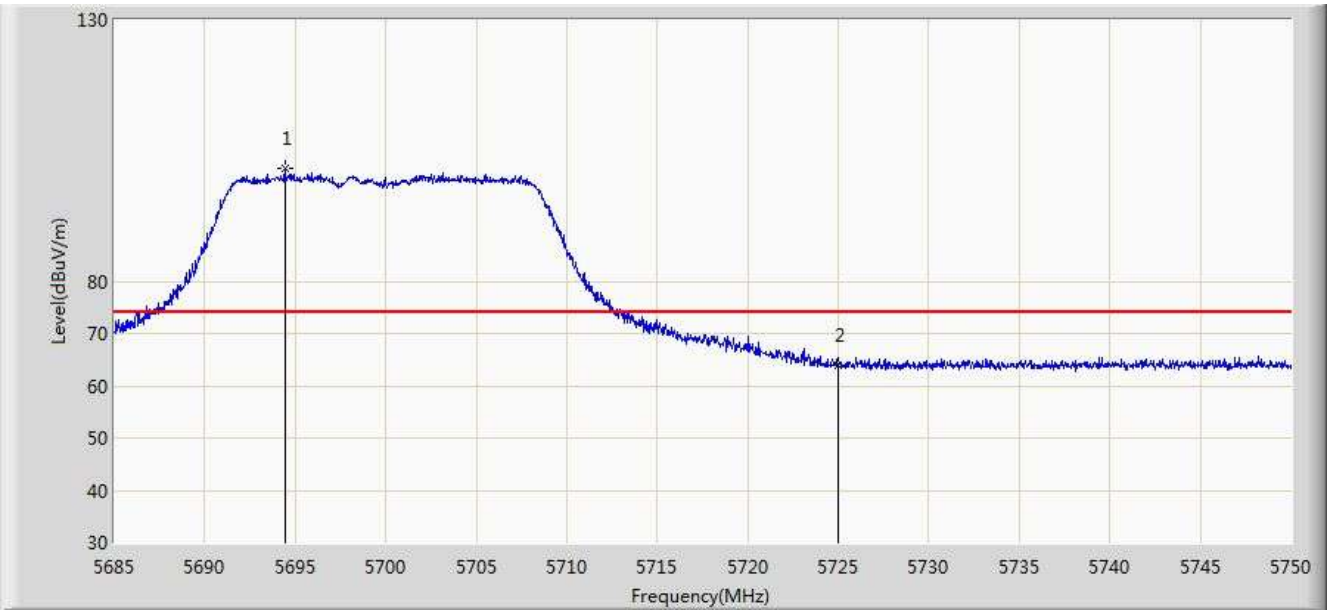


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.563	14.000	-2.437	54.000	37.563	AV
2			5470.000	53.064	15.476	-0.936	54.000	37.588	AV
3		*	5493.630	100.179	62.562	N/A	N/A	37.617	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1	

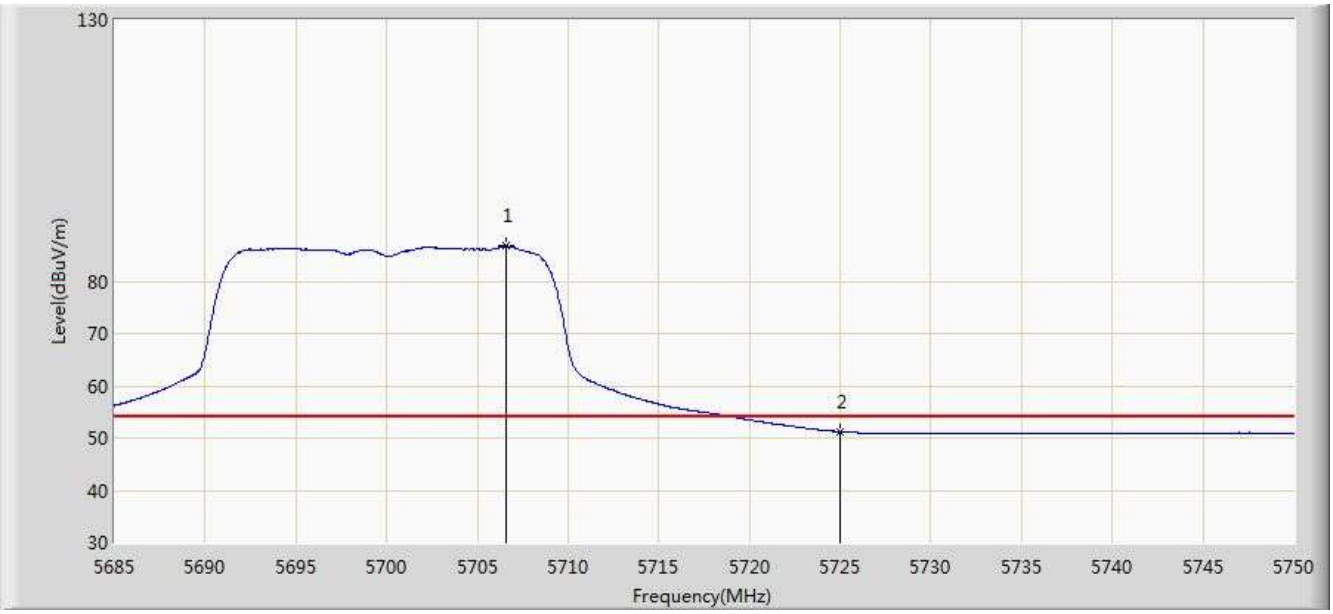


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.425	101.603	63.725	N/A	N/A	37.878	PK
2			5725.000	63.918	25.928	-10.082	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1	

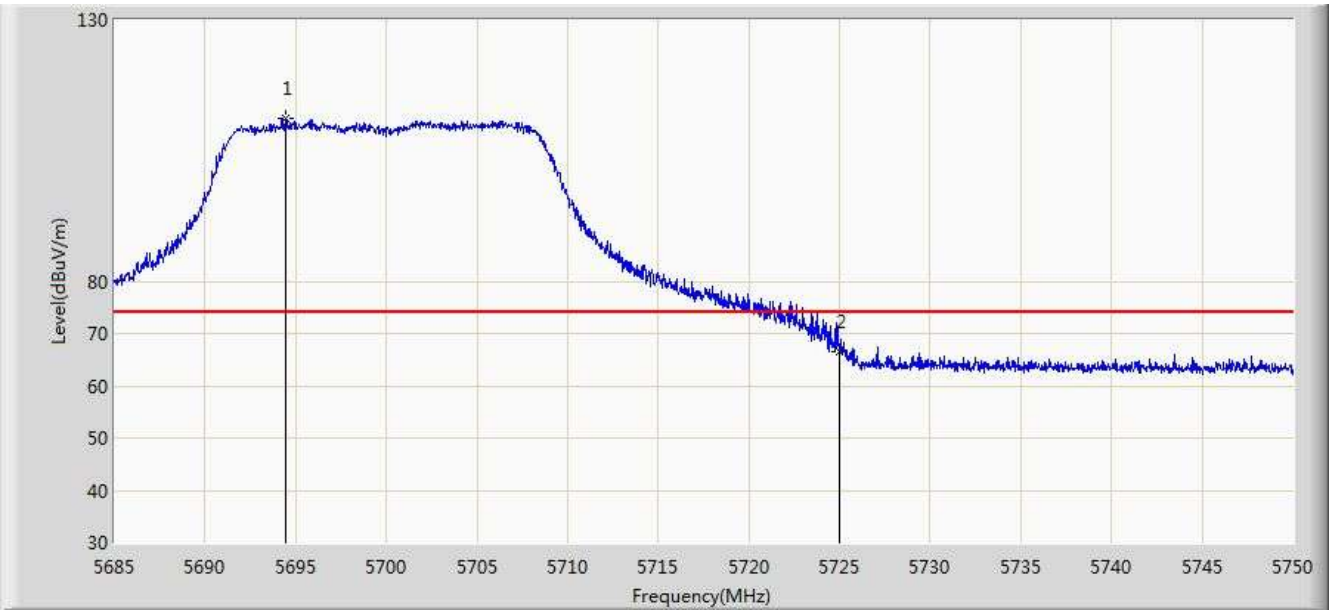


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.612	86.797	48.882	N/A	N/A	37.915	AV
2			5725.000	51.181	13.191	-2.819	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1	

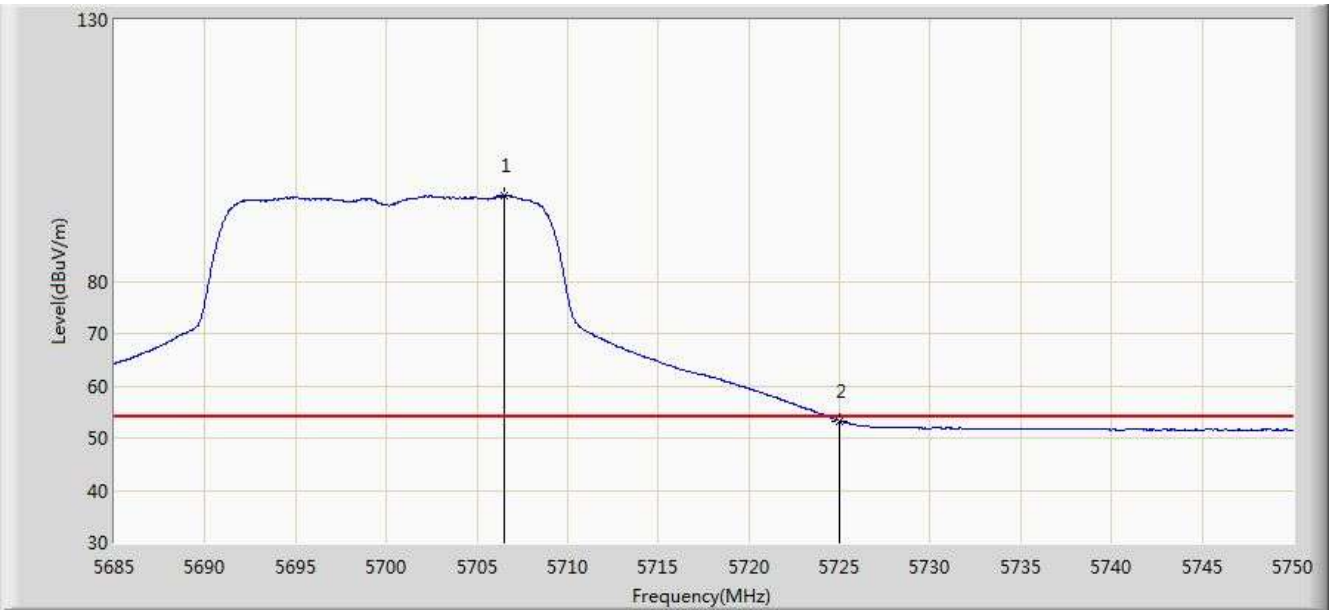


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.425	111.251	73.373	N/A	N/A	37.878	PK
2			5725.000	66.528	28.538	-7.472	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1	

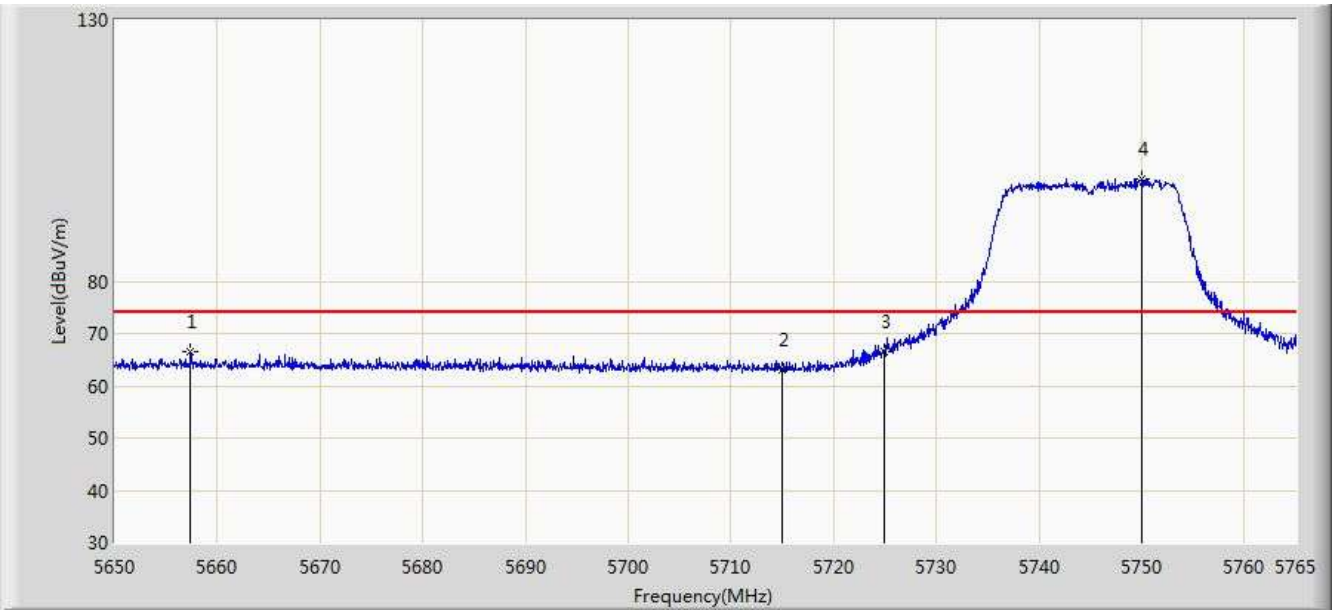


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.482	96.363	58.449	N/A	N/A	37.915	AV
2			5725.000	53.296	15.306	-0.704	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1	

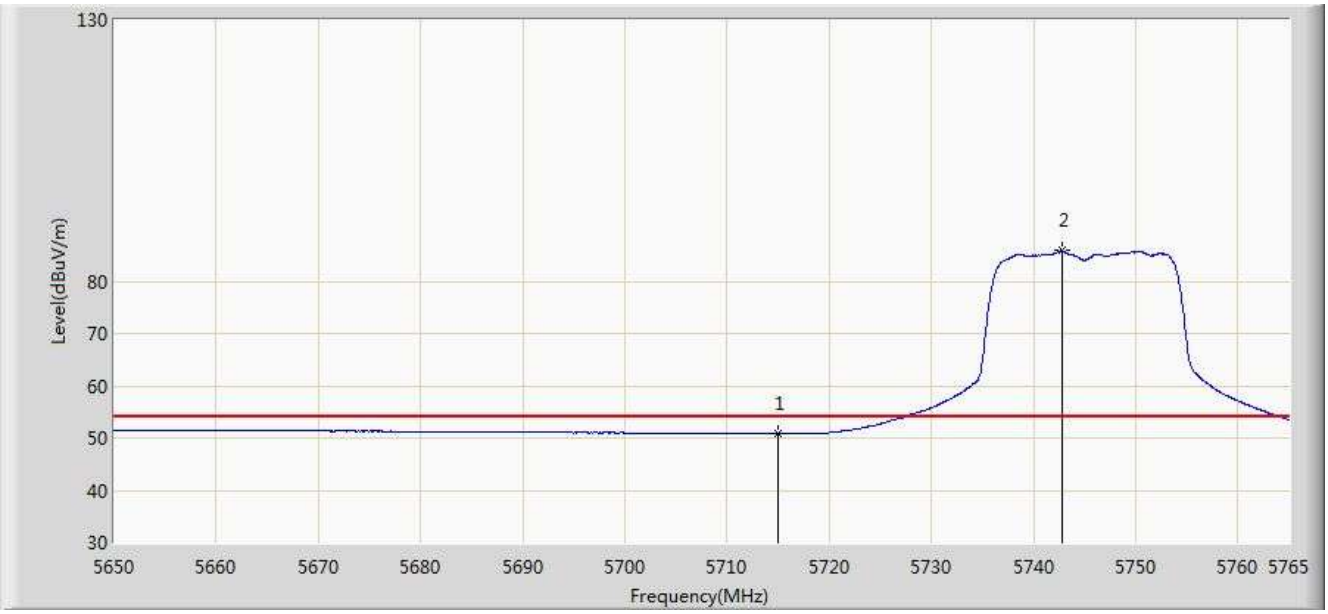


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5657.417	66.632	28.839	-7.368	74.000	37.793	PK
2			5715.000	63.081	25.132	-10.919	74.000	37.949	PK
3			5725.000	66.505	28.515	-11.695	78.200	37.990	PK
4		*	5750.050	99.458	61.362	N/A	N/A	38.096	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1	

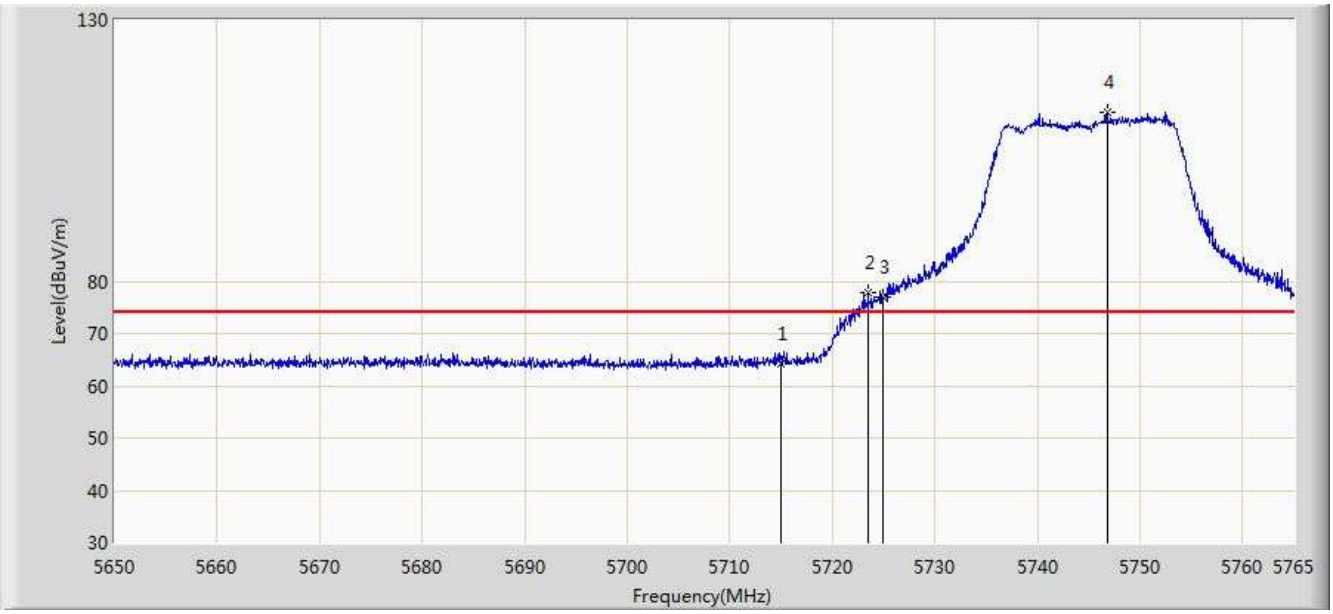


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.829	12.880	-3.171	54.000	37.949	AV
2		*	5742.748	85.831	47.770	N/A	N/A	38.061	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1	

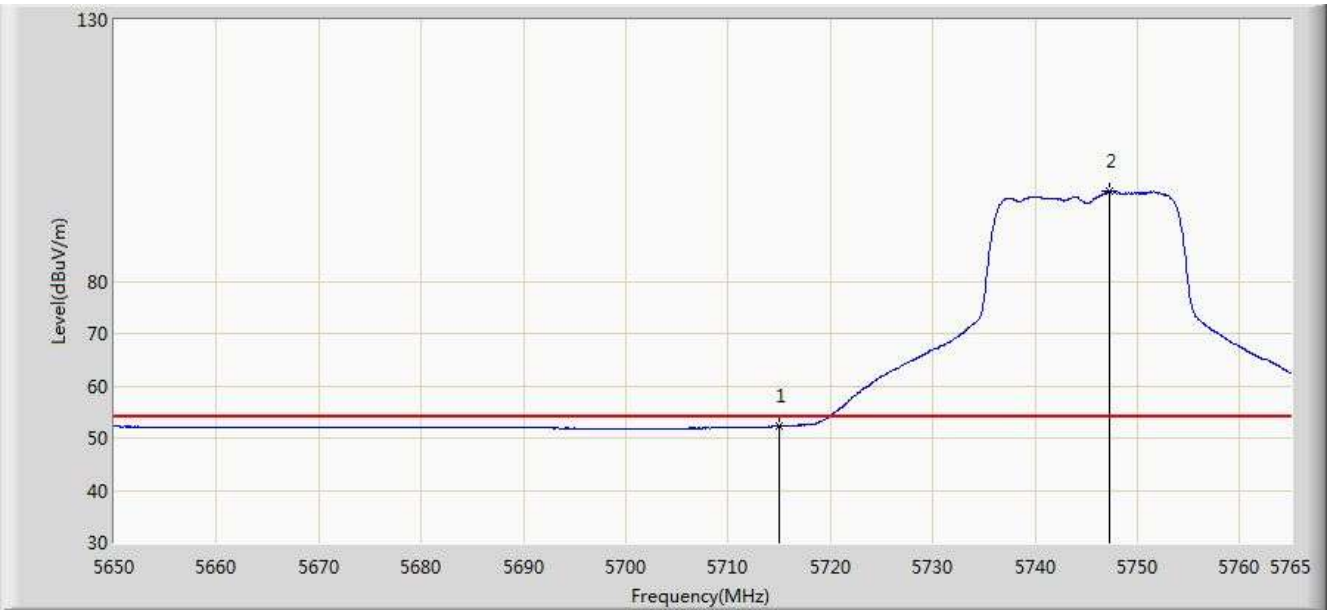


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.162	26.213	-9.838	74.000	37.949	PK
2			5723.485	77.755	39.772	-0.445	78.200	37.983	PK
3			5725.000	76.951	38.961	-1.249	78.200	37.990	PK
4		*	5746.772	112.305	74.225	N/A	N/A	38.080	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1	

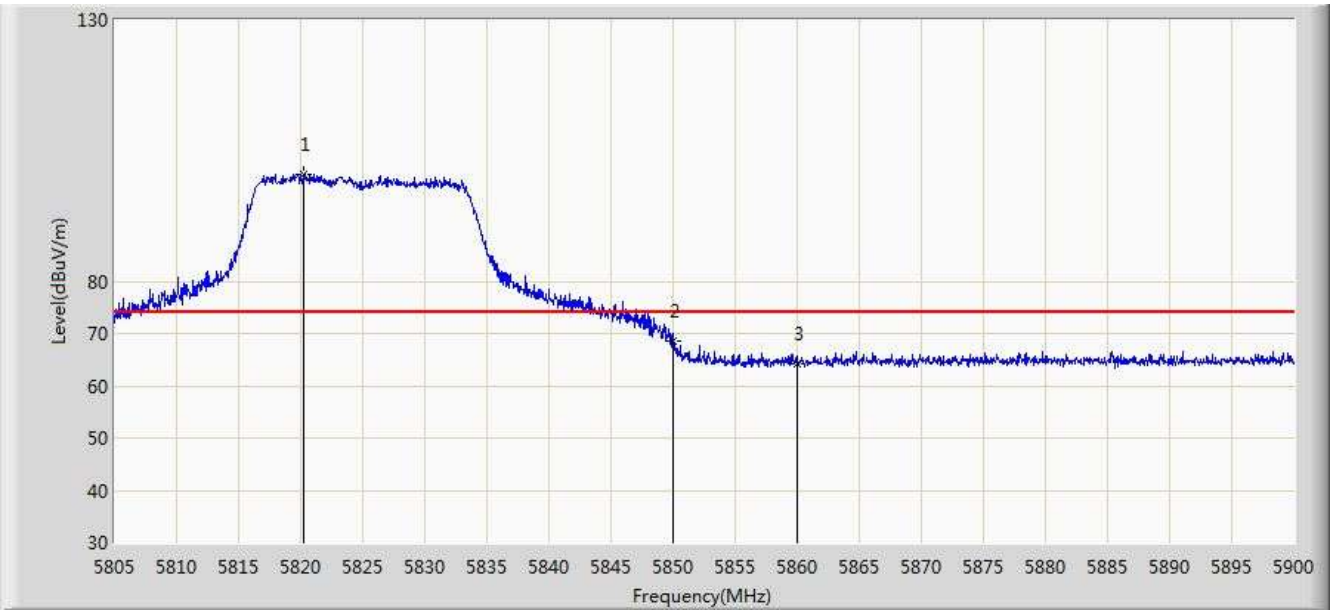


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.210	14.261	-1.790	54.000	37.949	AV
2		*	5747.232	97.246	59.163	N/A	N/A	38.083	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1	

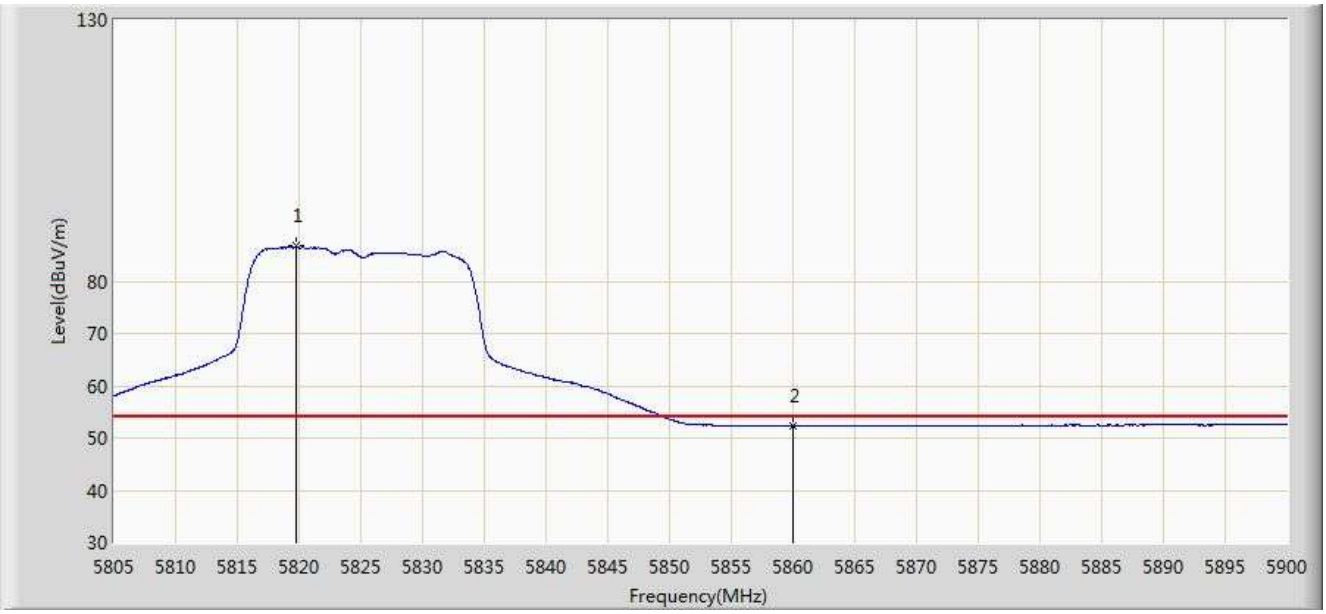


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.295	100.551	62.215	N/A	N/A	38.336	PK
2			5850.000	68.592	30.139	-9.608	78.200	38.454	PK
3			5860.000	64.192	25.714	-9.808	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1	

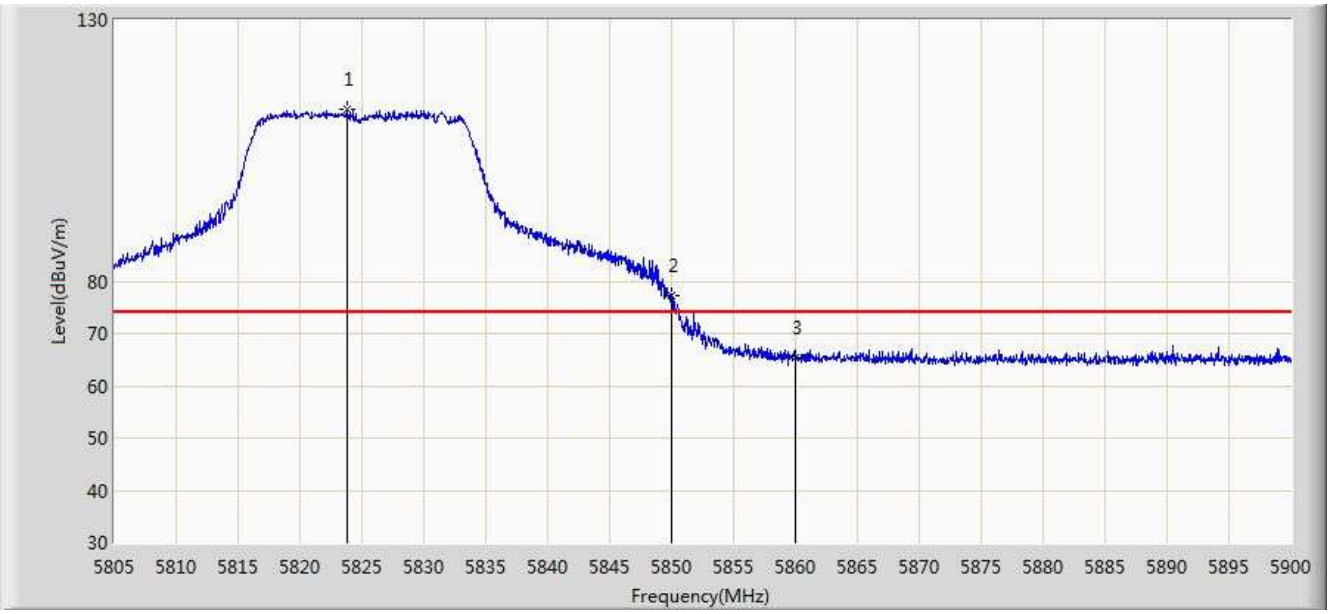


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.725	86.678	48.344	N/A	N/A	38.334	AV
2			5860.000	52.322	13.844	-1.678	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1	

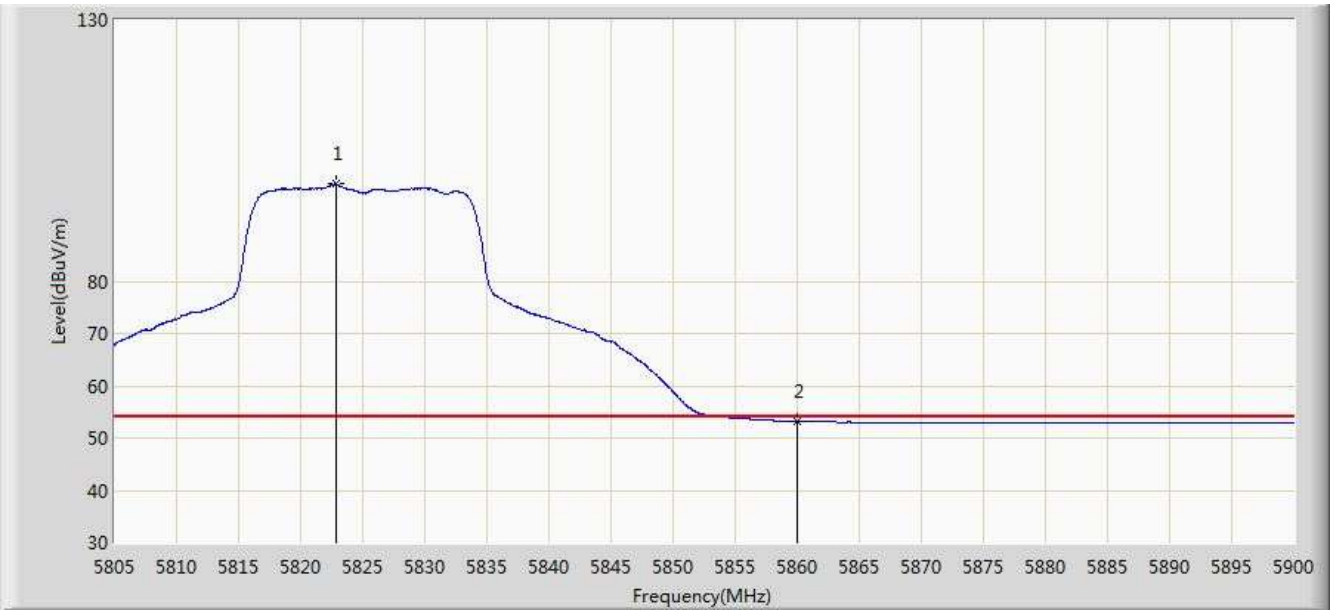


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.857	113.041	74.690	N/A	N/A	38.351	PK
2			5850.000	77.151	38.698	-1.049	78.200	38.454	PK
3			5860.000	65.219	26.741	-8.781	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1	

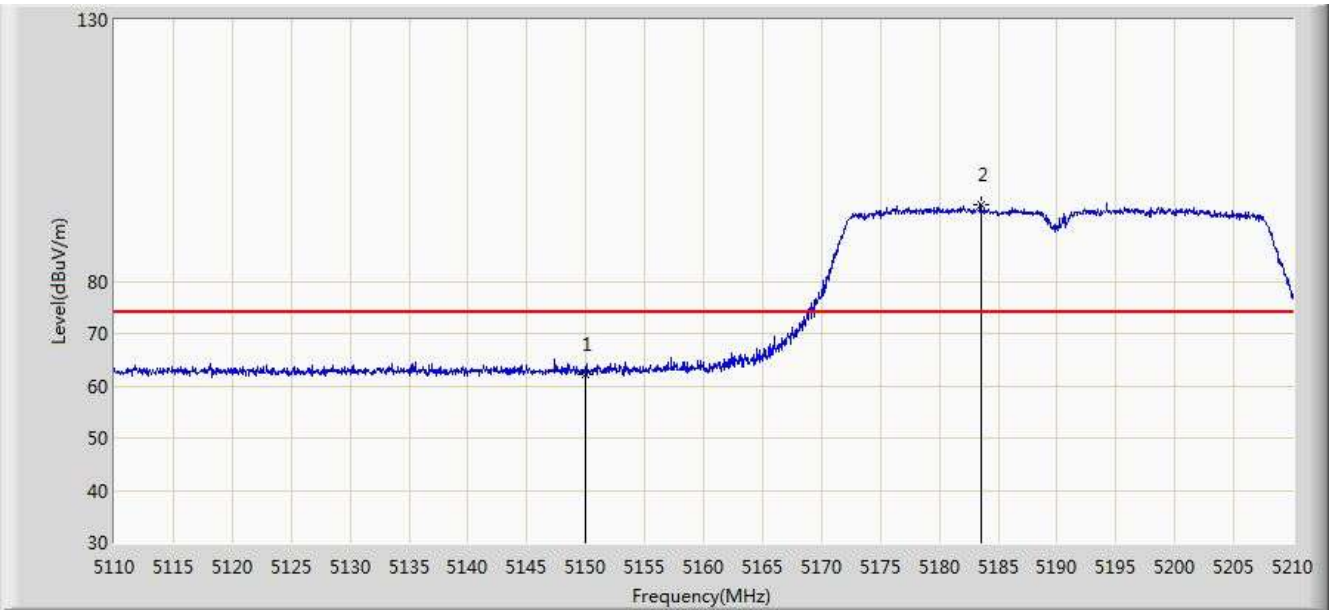


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.812	98.572	60.225	N/A	N/A	38.346	AV
2			5860.000	53.233	14.755	-0.767	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.152	24.700	-11.848	74.000	37.452	PK
2		*	5183.500	94.664	57.299	N/A	N/A	37.365	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

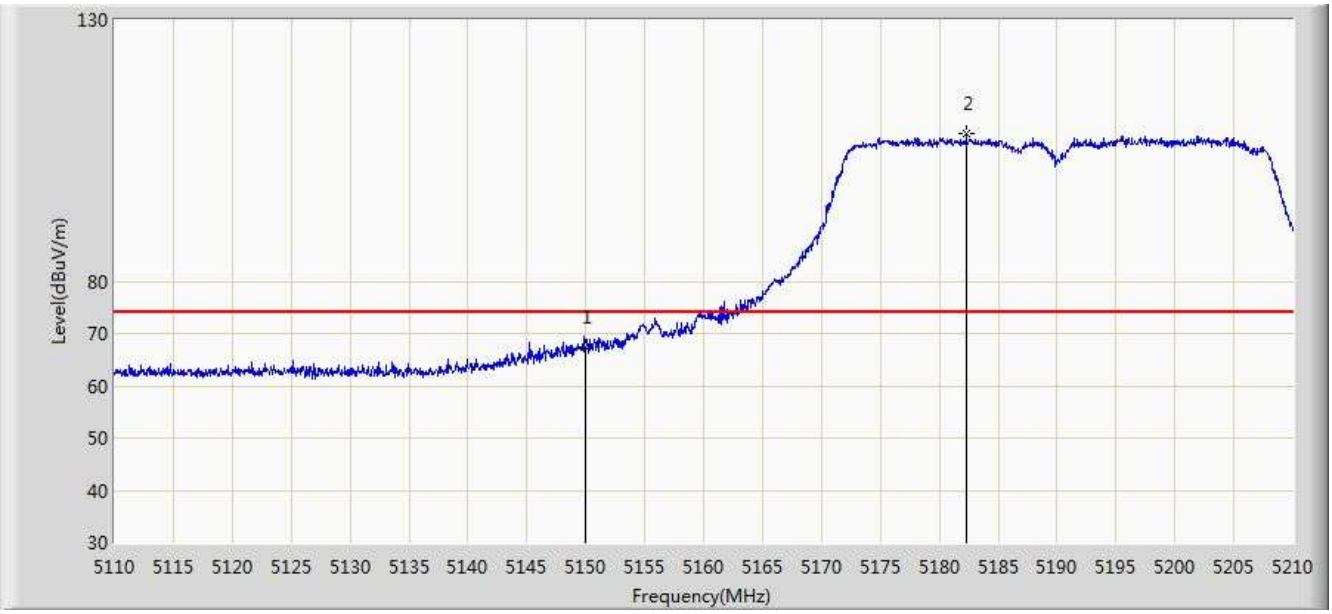
Site: AC1	Time: 2015/04/28 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.061	12.609	-3.939	54.000	37.452	AV
2		*	5174.750	78.953	41.567	N/A	N/A	37.385	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.441	29.989	-6.559	74.000	37.452	PK
2		*	5182.300	108.398	71.030	N/A	N/A	37.368	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

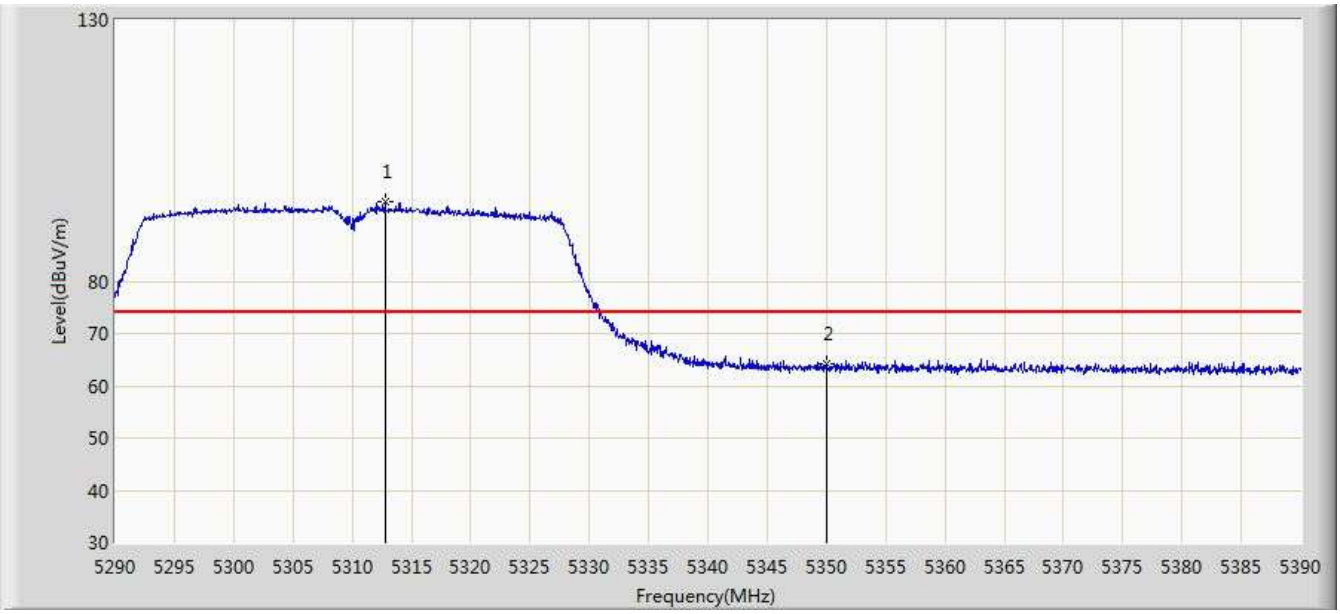
Site: AC1	Time: 2015/04/28 - 01:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.380	15.928	-0.620	54.000	37.452	AV
2		*	5187.400	89.923	52.568	N/A	N/A	37.356	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1	

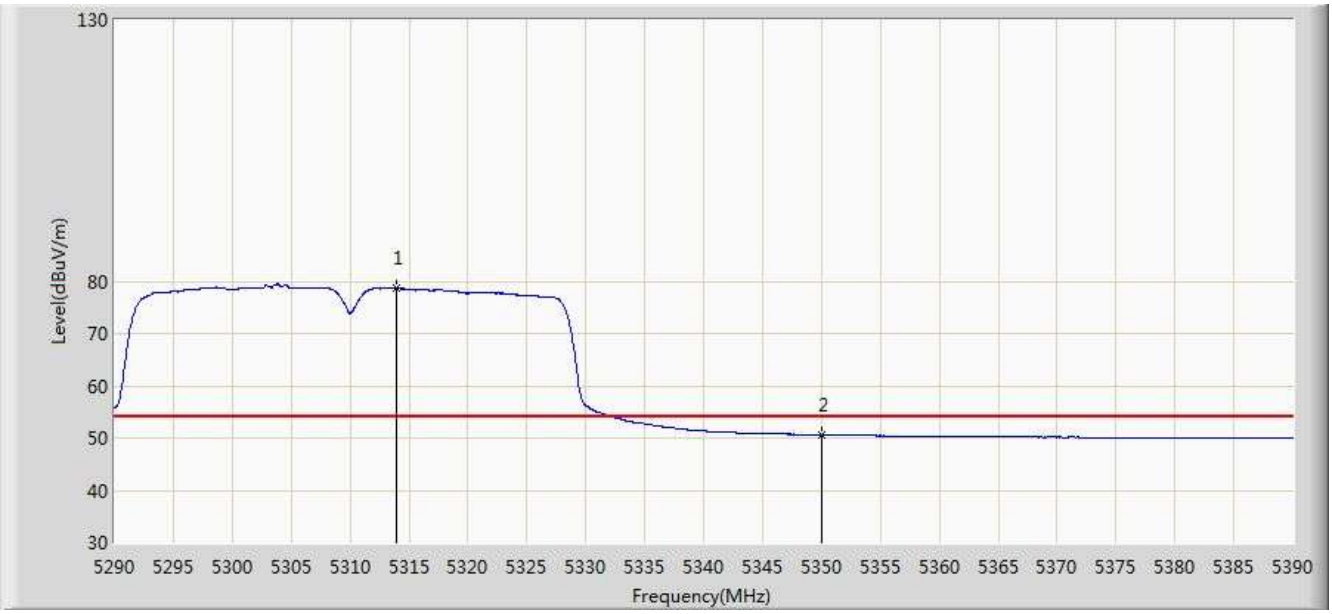


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.800	95.316	58.115	N/A	N/A	37.201	PK
2			5350.000	64.260	26.974	-9.740	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1	

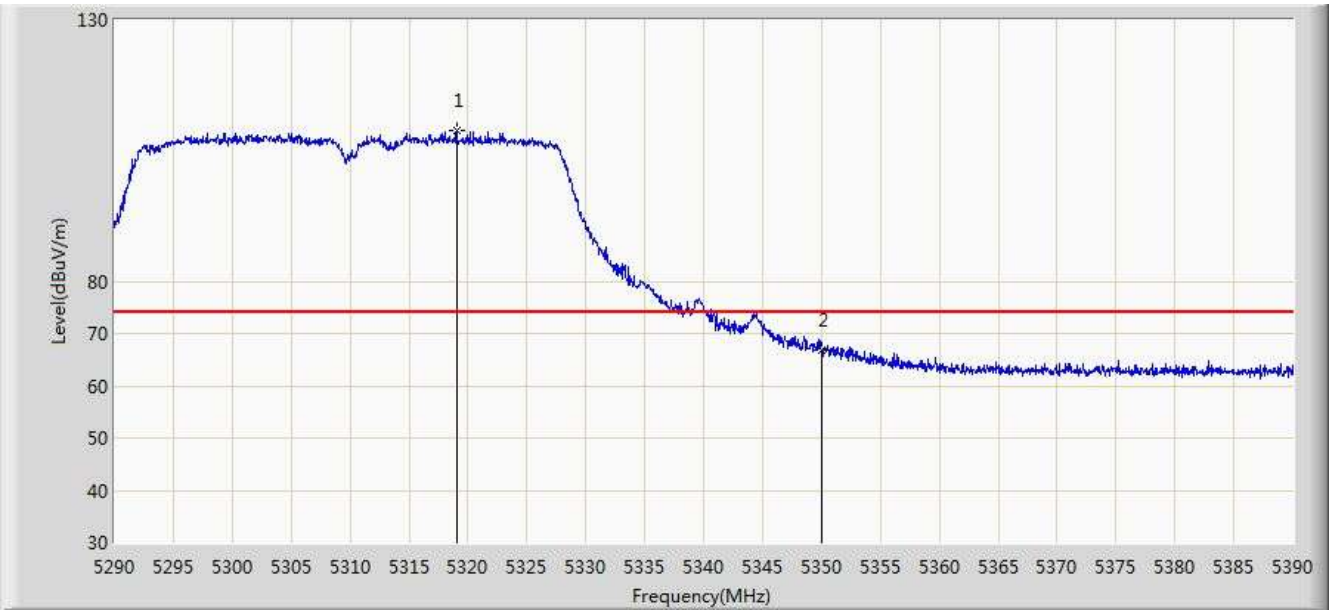


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.900	78.644	41.442	N/A	N/A	37.203	AV
2			5350.000	50.623	13.337	-3.377	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1	

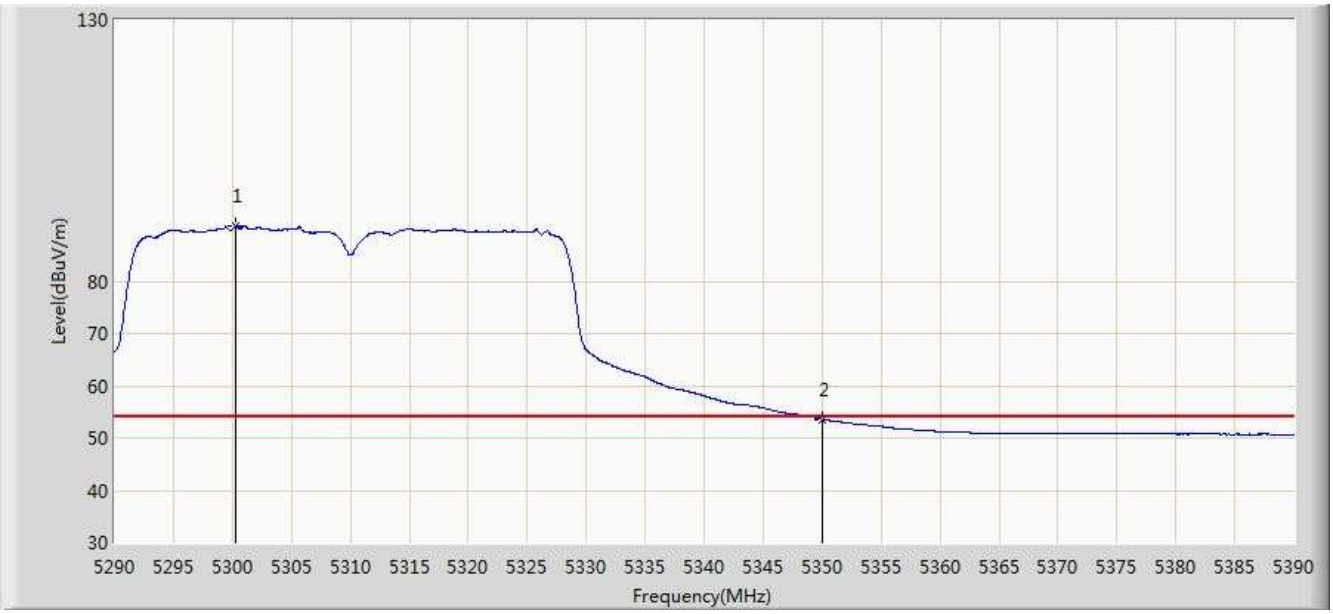


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.050	108.784	71.572	N/A	N/A	37.212	PK
2			5350.000	66.955	29.669	-7.045	74.000	37.286	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1	

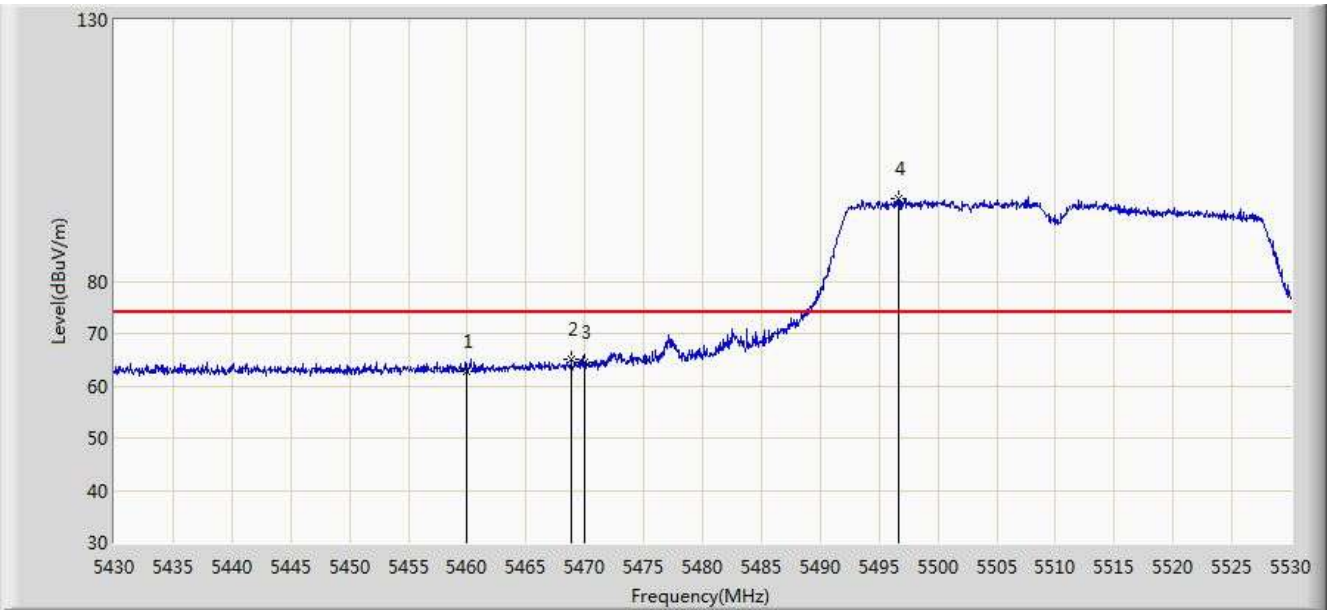


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5300.300	90.504	53.318	N/A	N/A	37.186	AV
2			5350.000	53.581	16.295	-0.419	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1	

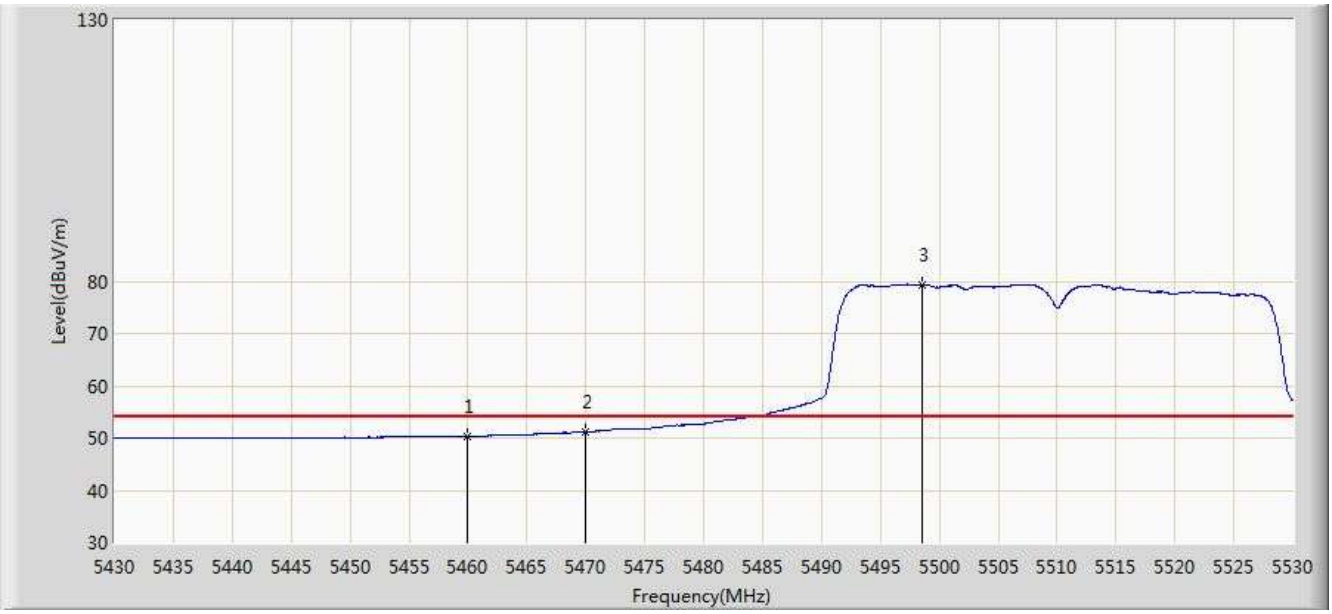


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.781	25.218	-11.219	74.000	37.563	PK
2			5468.850	65.129	27.543	-8.871	74.000	37.586	PK
3			5470.000	64.467	26.878	-9.533	74.000	37.588	PK
4		*	5496.700	95.910	58.289	N/A	N/A	37.621	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1	

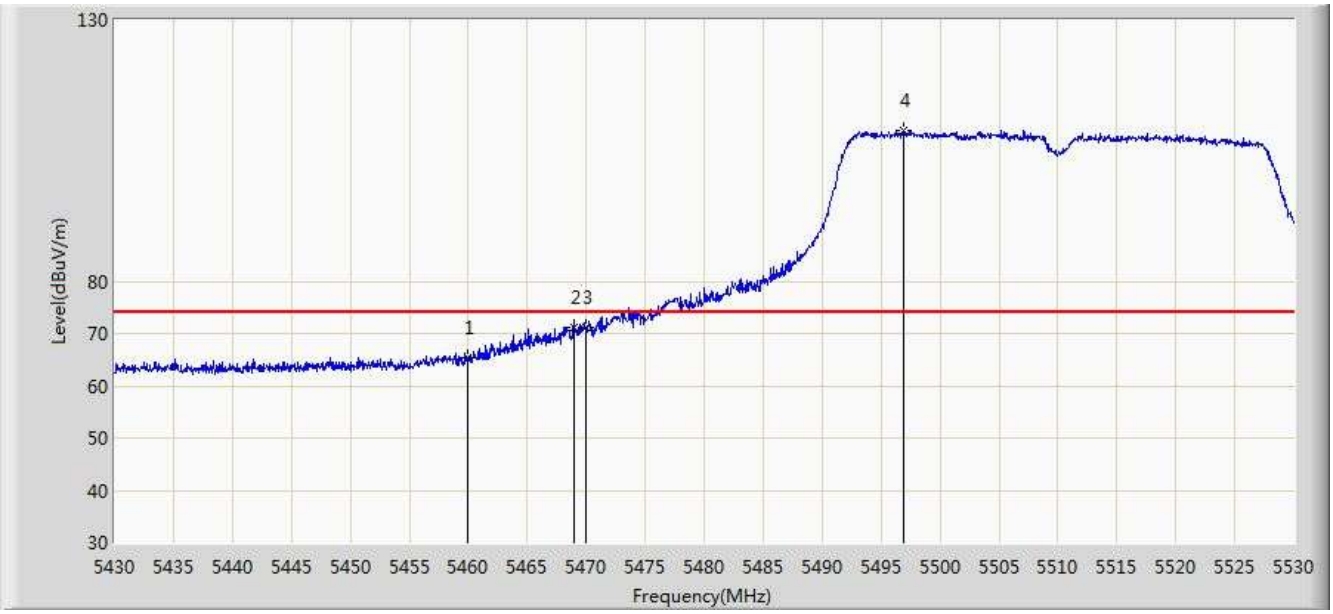


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.318	12.755	-3.682	54.000	37.563	AV
2			5470.000	51.145	13.556	-2.855	54.000	37.588	AV
3		*	5498.550	79.271	41.648	N/A	N/A	37.623	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1	

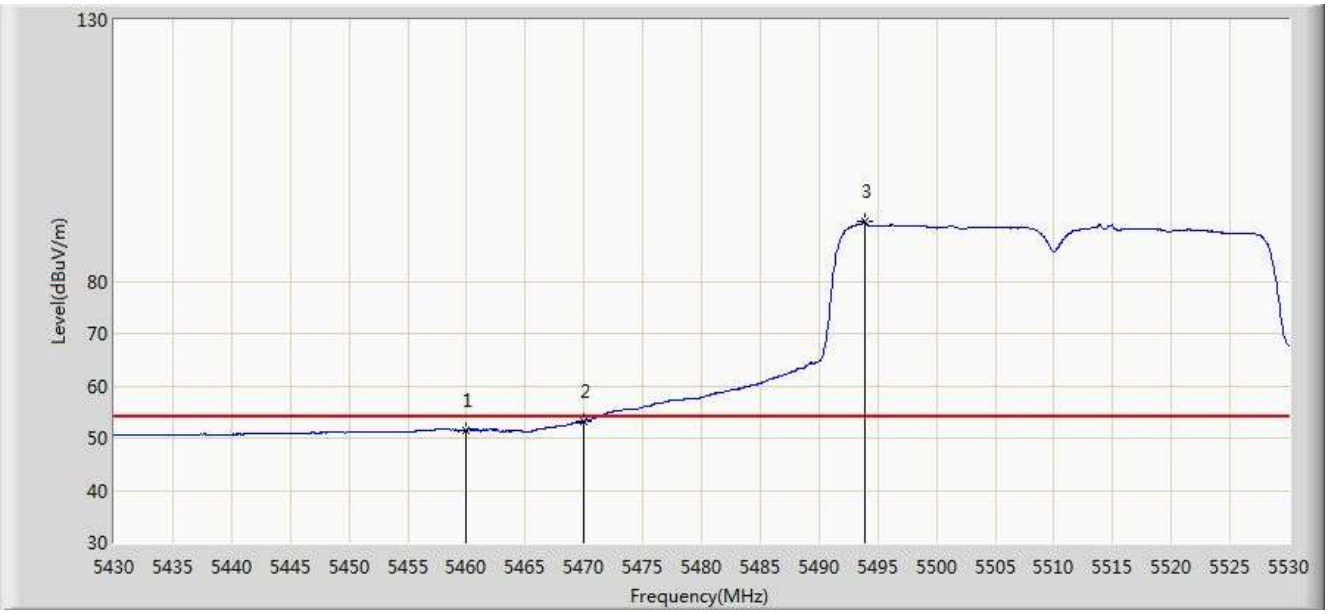


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.455	27.892	-8.545	74.000	37.563	PK
2			5469.000	71.215	33.629	-2.785	74.000	37.586	PK
3			5470.000	71.218	33.630	-2.782	74.000	37.588	PK
4		*	5496.900	108.737	71.115	N/A	N/A	37.622	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1	

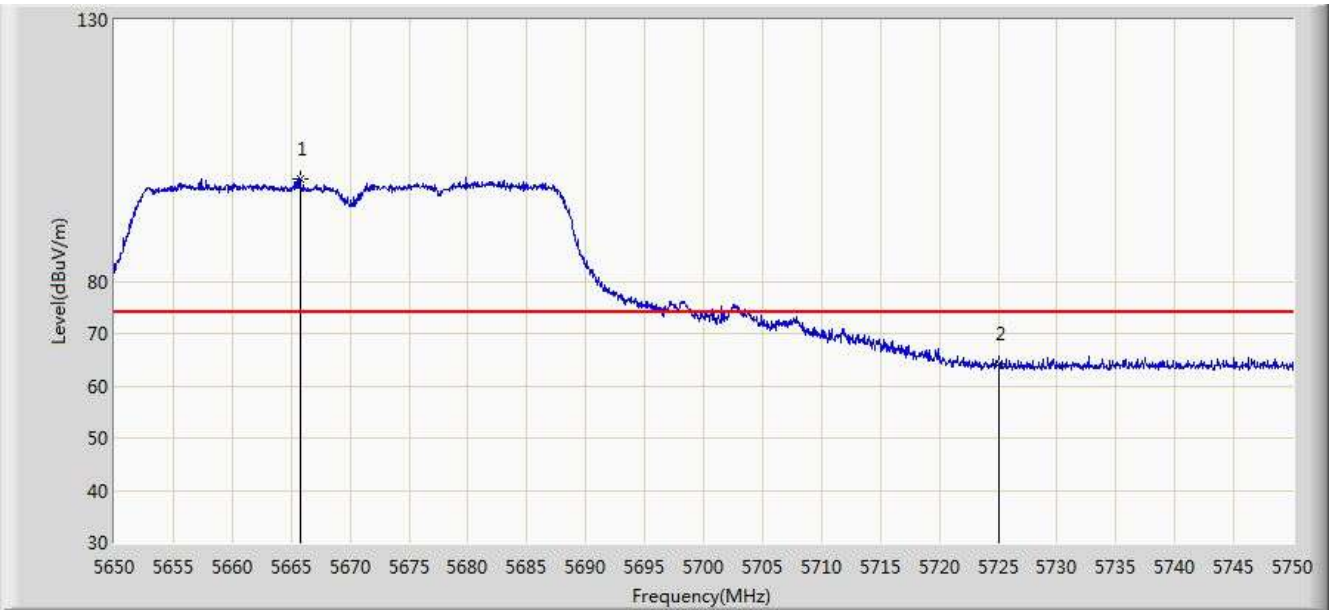


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.539	13.976	-2.461	54.000	37.563	AV
2			5470.000	53.233	15.645	-0.767	54.000	37.588	AV
3		*	5493.850	91.382	53.764	N/A	N/A	37.617	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1	

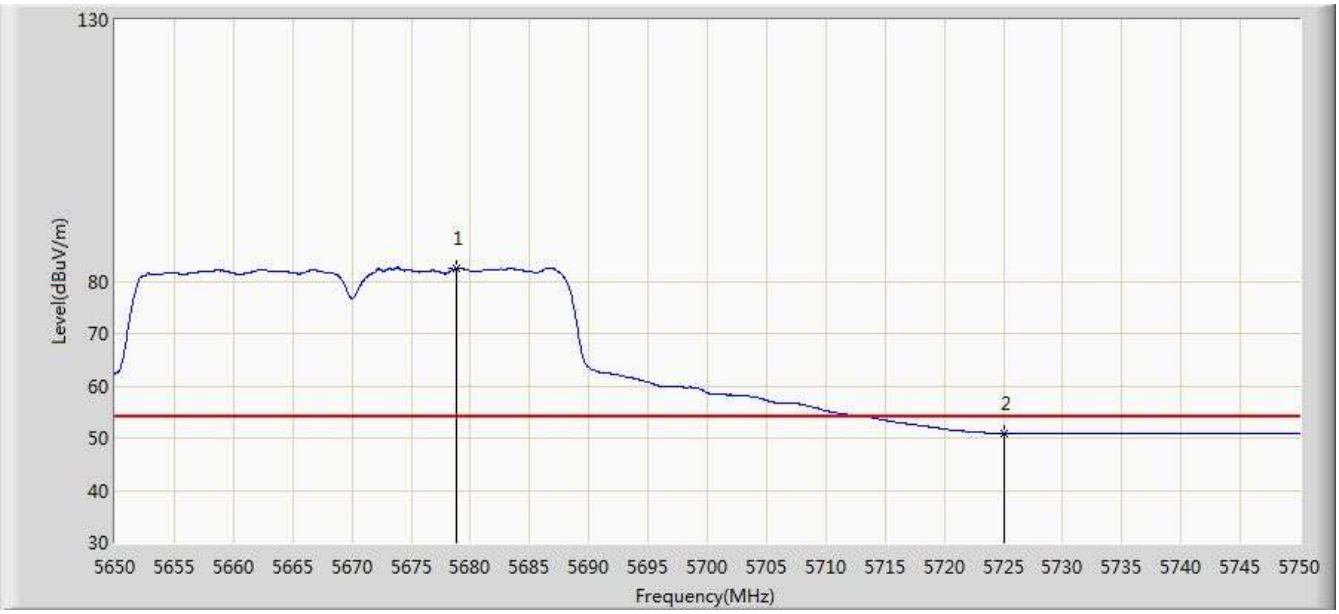


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5665.800	99.671	61.867	N/A	N/A	37.804	PK
2			5725.000	64.118	26.128	-9.882	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1	

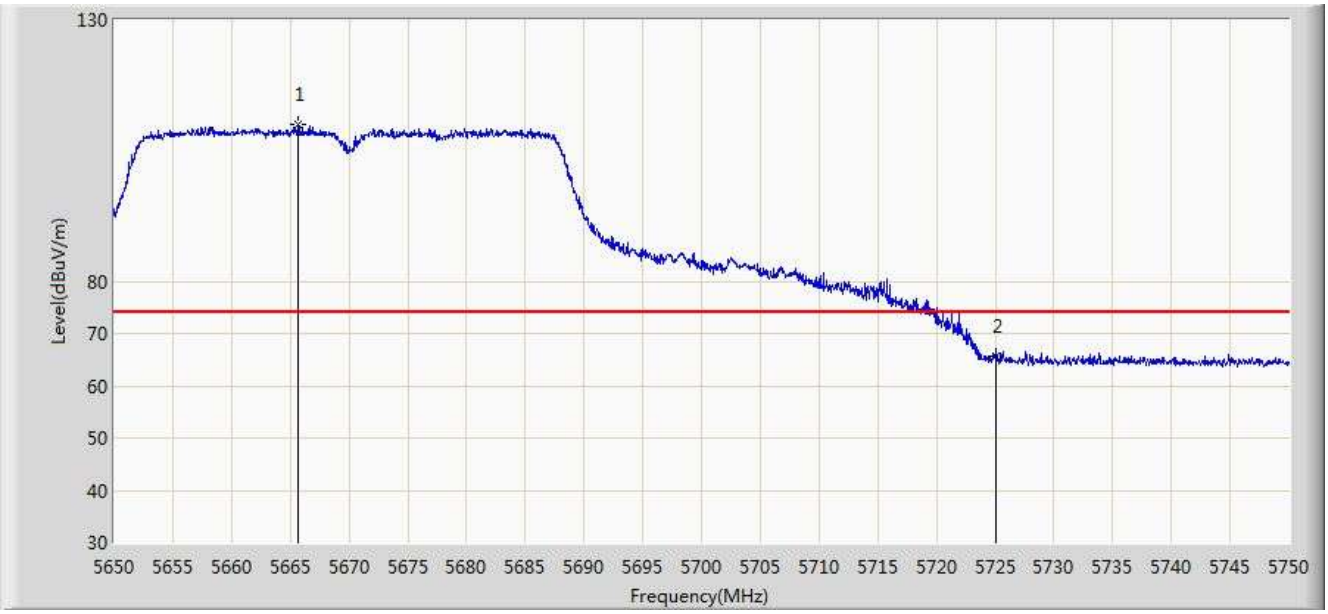


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5678.850	82.469	44.641	N/A	N/A	37.828	AV
2			5725.000	50.942	12.952	-3.058	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 01:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5665.700	110.063	72.259	N/A	N/A	37.804	PK
2			5725.000	65.772	27.782	-8.228	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

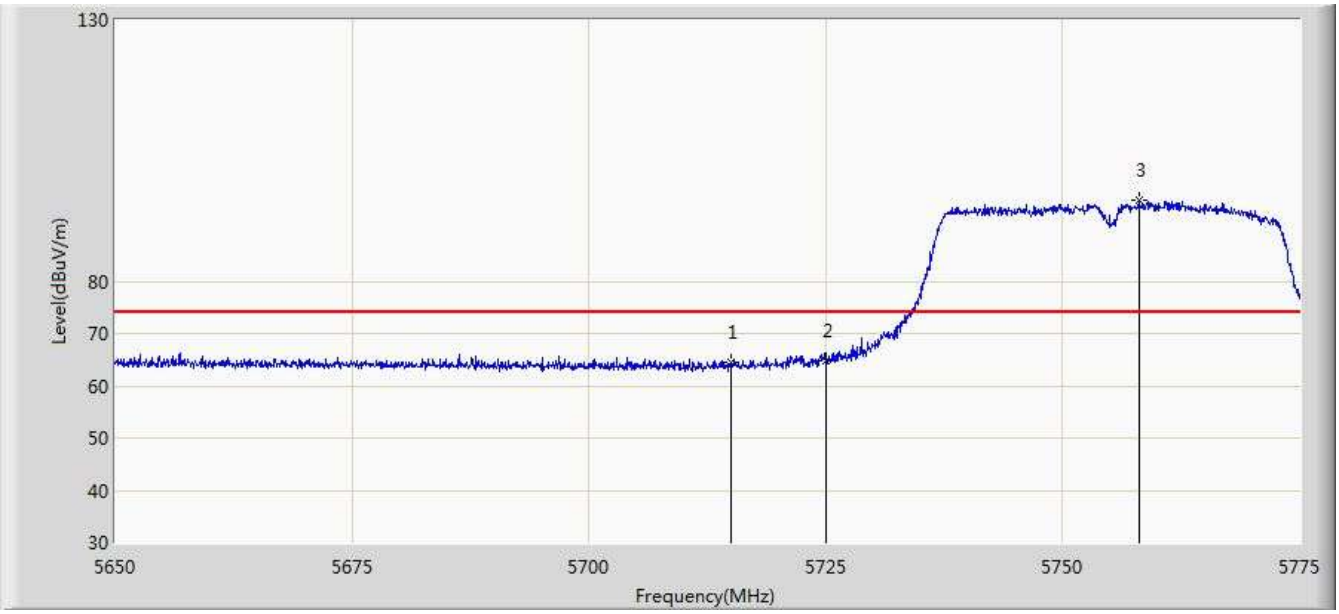
Site: AC1	Time: 2015/04/28 - 01:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5656.950	91.691	53.898	N/A	N/A	37.793	AV
2			5725.000	52.128	14.138	-1.872	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1	

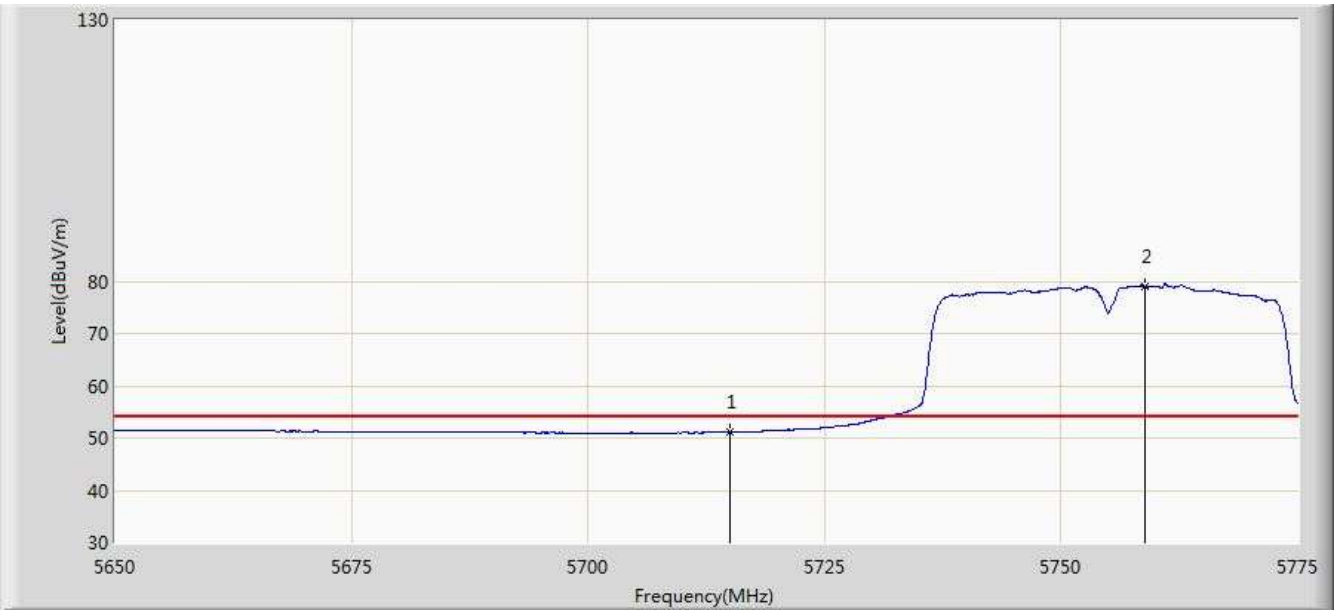


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.409	26.460	-9.591	74.000	37.949	PK
2			5725.000	64.779	26.789	-13.421	78.200	37.990	PK
3		*	5758.062	95.529	57.396	N/A	N/A	38.133	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1	

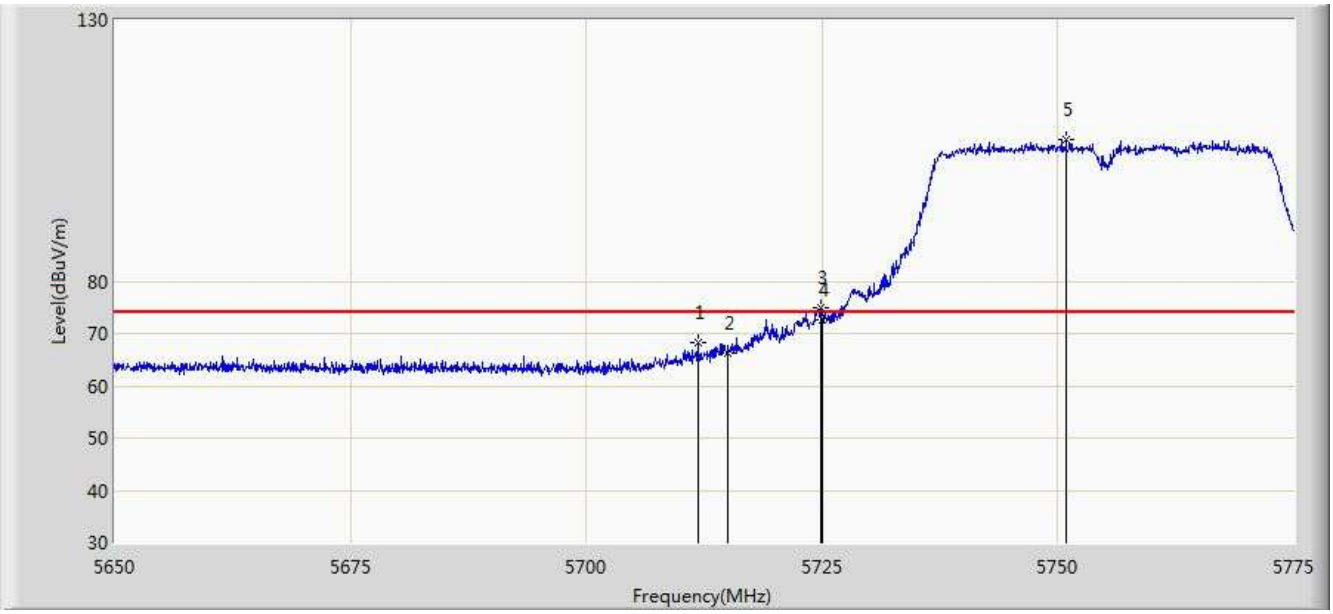


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.081	13.132	-2.919	54.000	37.949	AV
2		*	5758.812	79.056	40.920	N/A	N/A	38.136	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1	

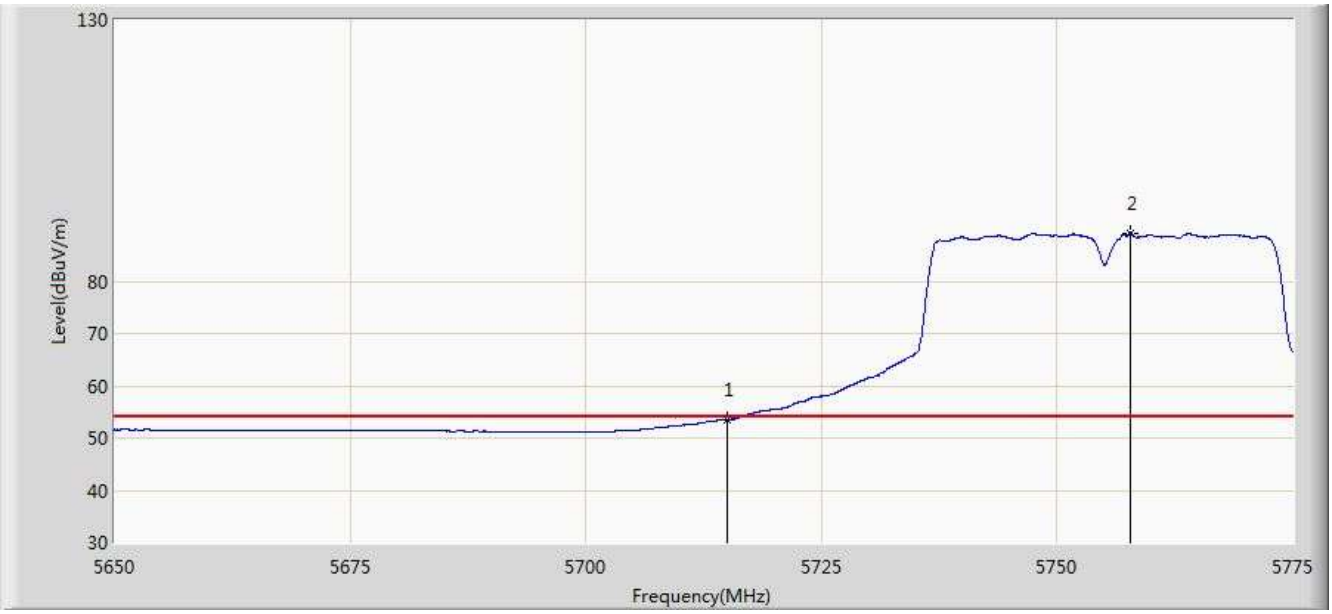


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.812	68.265	30.329	-5.735	74.000	37.937	PK
2			5715.000	66.305	28.356	-7.695	74.000	37.949	PK
3			5724.812	74.834	36.845	-3.366	78.200	37.989	PK
4			5725.000	72.611	34.621	-5.589	78.200	37.990	PK
5		*	5750.875	107.059	68.959	N/A	N/A	38.100	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1	

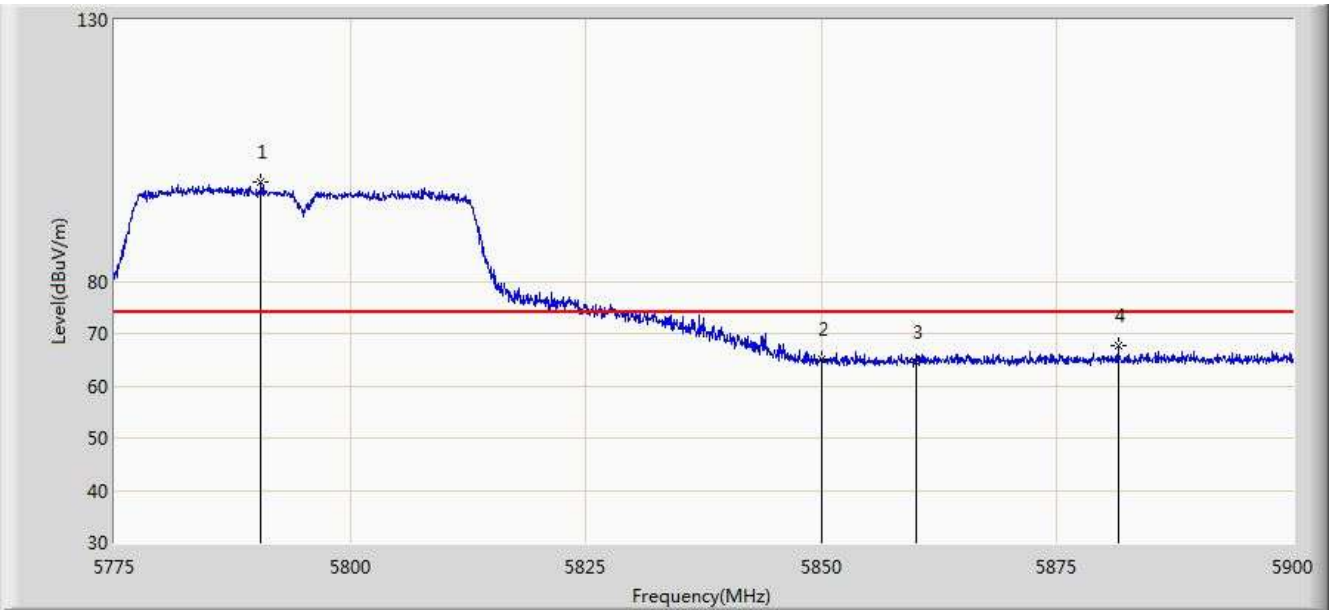


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.547	15.598	-0.453	54.000	37.949	AV
2		*	5757.750	89.260	51.128	N/A	N/A	38.132	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1	

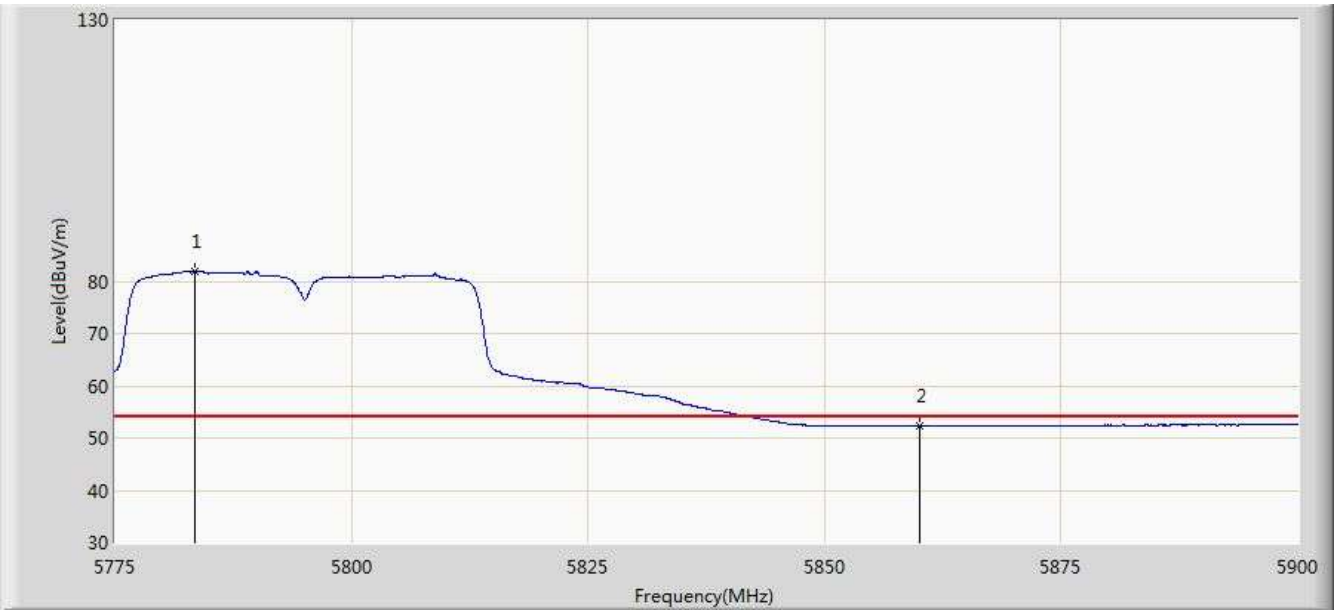


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.500	98.952	60.719	N/A	N/A	38.232	PK
2			5850.000	65.059	26.606	-13.141	78.200	38.454	PK
3			5860.000	64.617	26.139	-9.383	74.000	38.478	PK
4			5881.500	67.724	29.221	-6.276	74.000	38.503	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1	

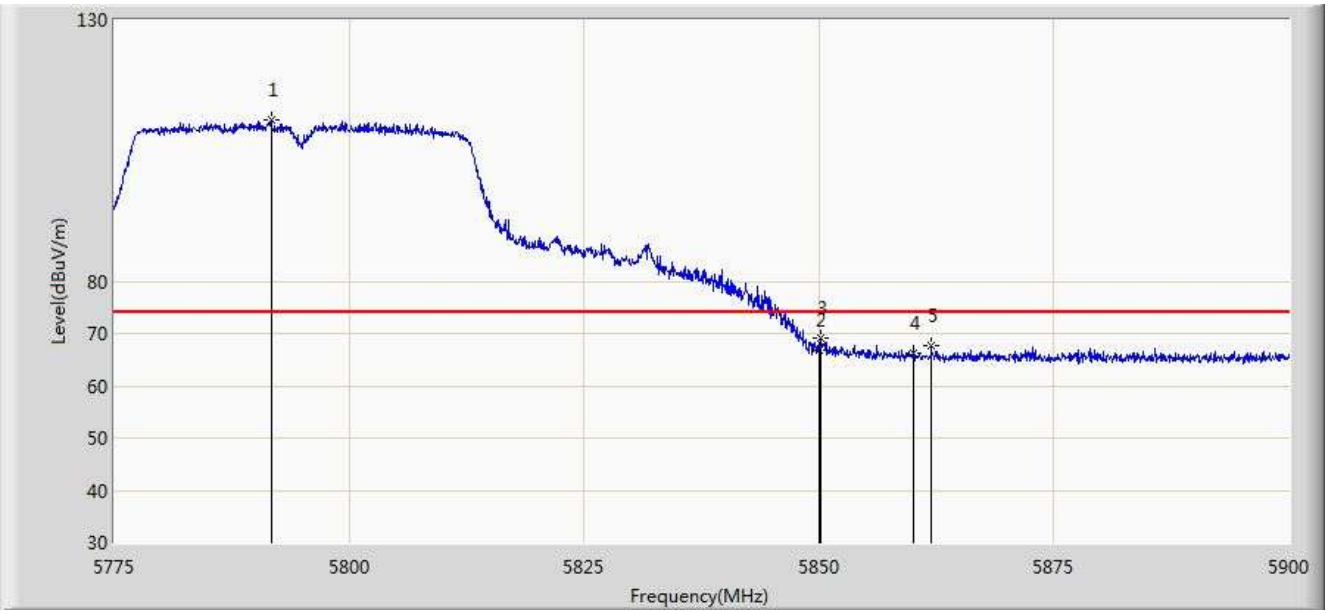


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.500	81.896	43.689	N/A	N/A	38.207	AV
2			5860.000	52.326	13.848	-1.674	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1	

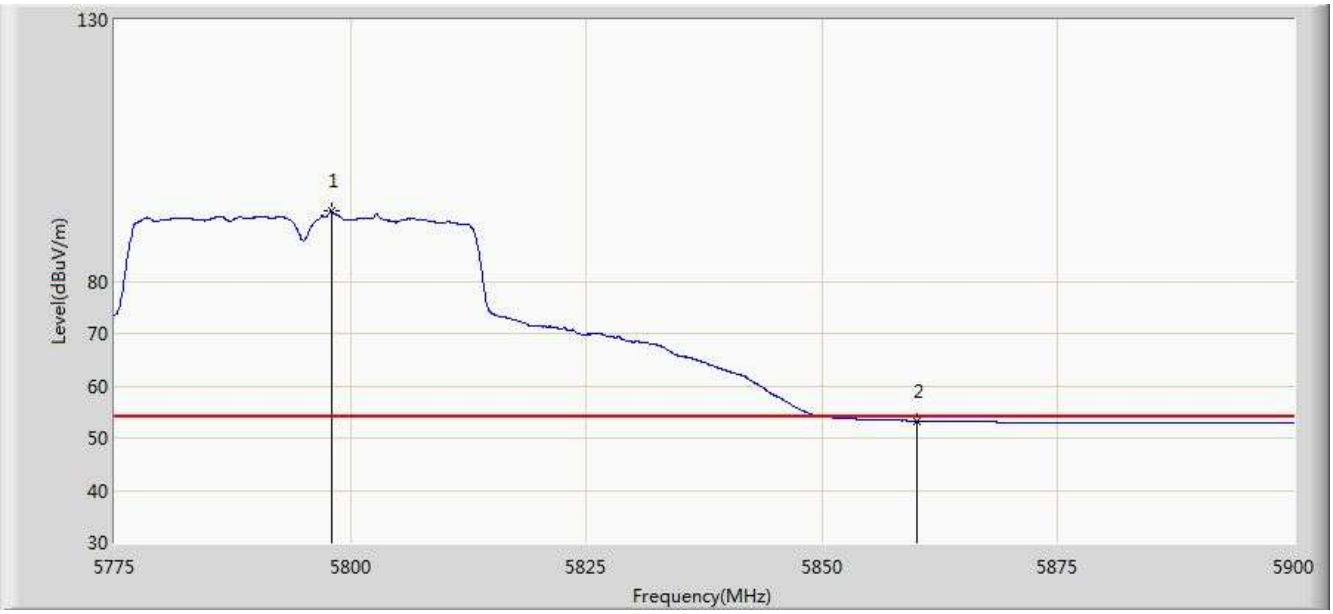


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.687	110.800	72.563	N/A	N/A	38.237	PK
2			5850.000	66.857	28.404	-11.343	78.200	38.454	PK
3			5850.250	69.161	30.707	-9.039	78.200	38.454	PK
4			5860.000	66.218	27.740	-7.782	74.000	38.478	PK
5			5861.937	67.753	29.271	-6.247	74.000	38.483	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 03:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1	

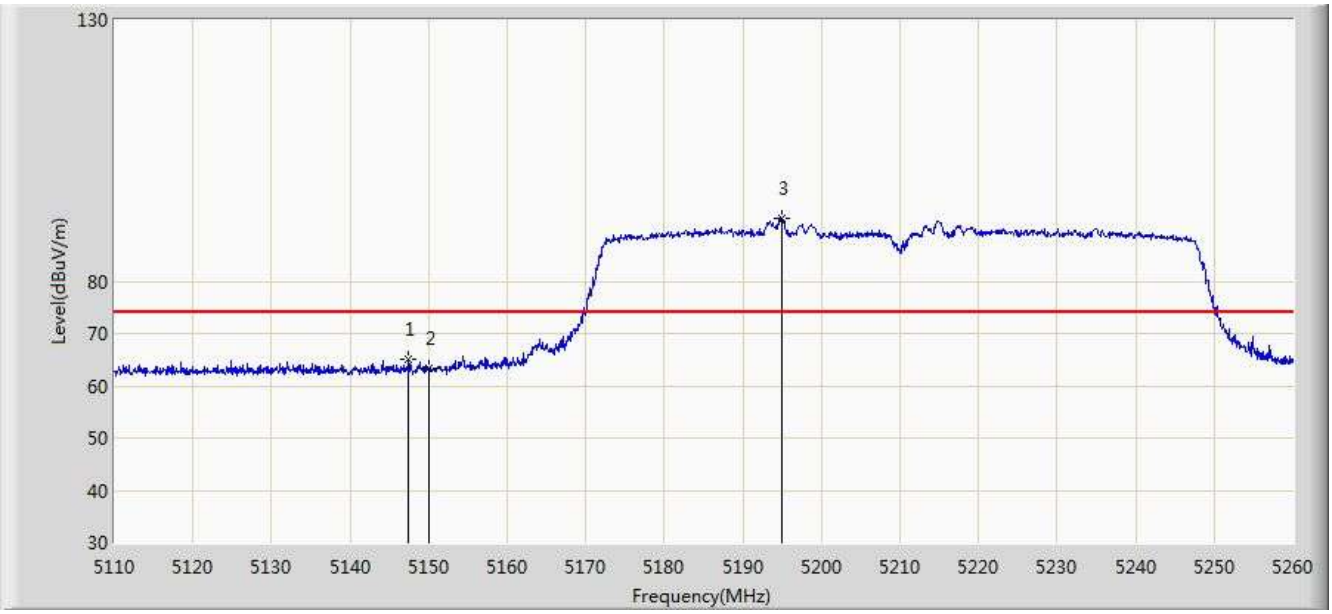


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5798.062	93.381	55.123	N/A	N/A	38.259	AV
2			5860.000	53.199	14.721	-0.801	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1	

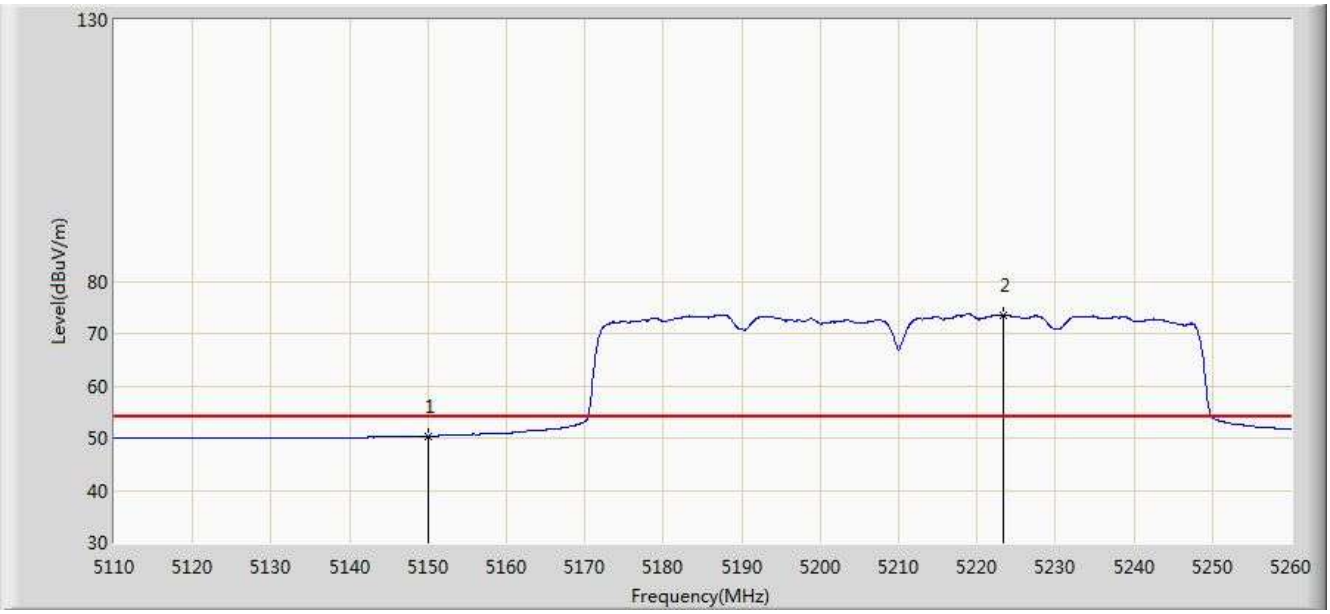


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.425	65.048	27.592	-8.952	74.000	37.456	PK
2			5150.000	63.330	25.878	-10.670	74.000	37.452	PK
3		*	5195.050	92.075	54.738	N/A	N/A	37.337	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1	

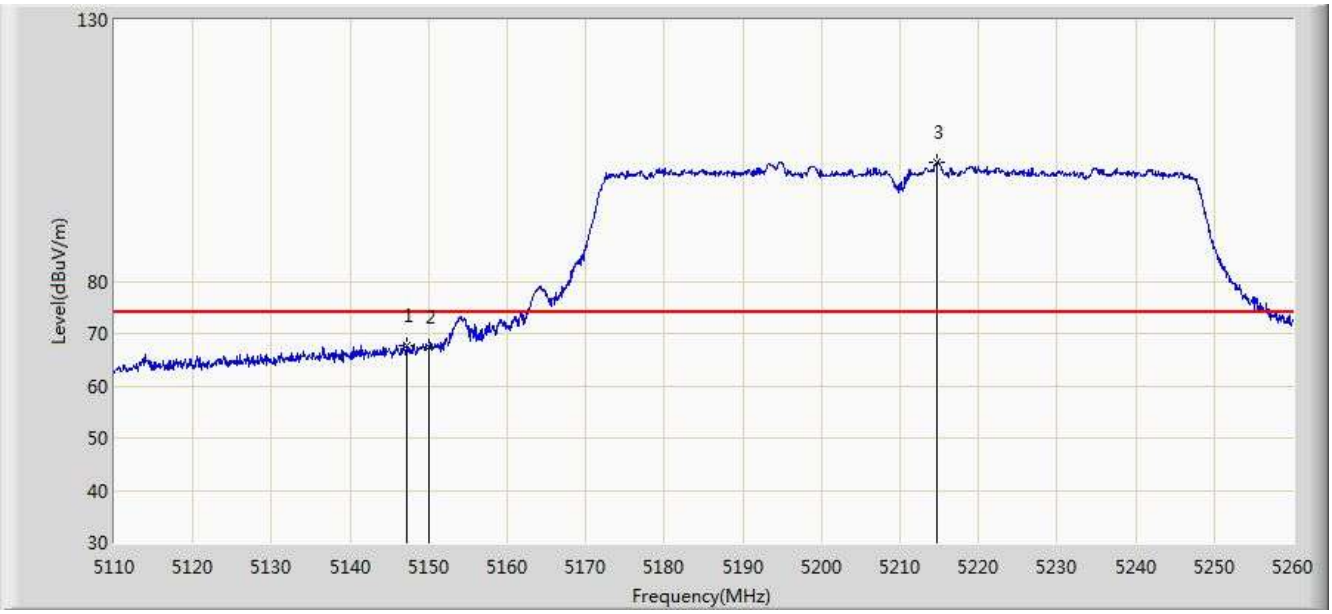


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.369	12.917	-3.631	54.000	37.452	AV
2		*	5223.325	73.538	36.283	N/A	N/A	37.255	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1	

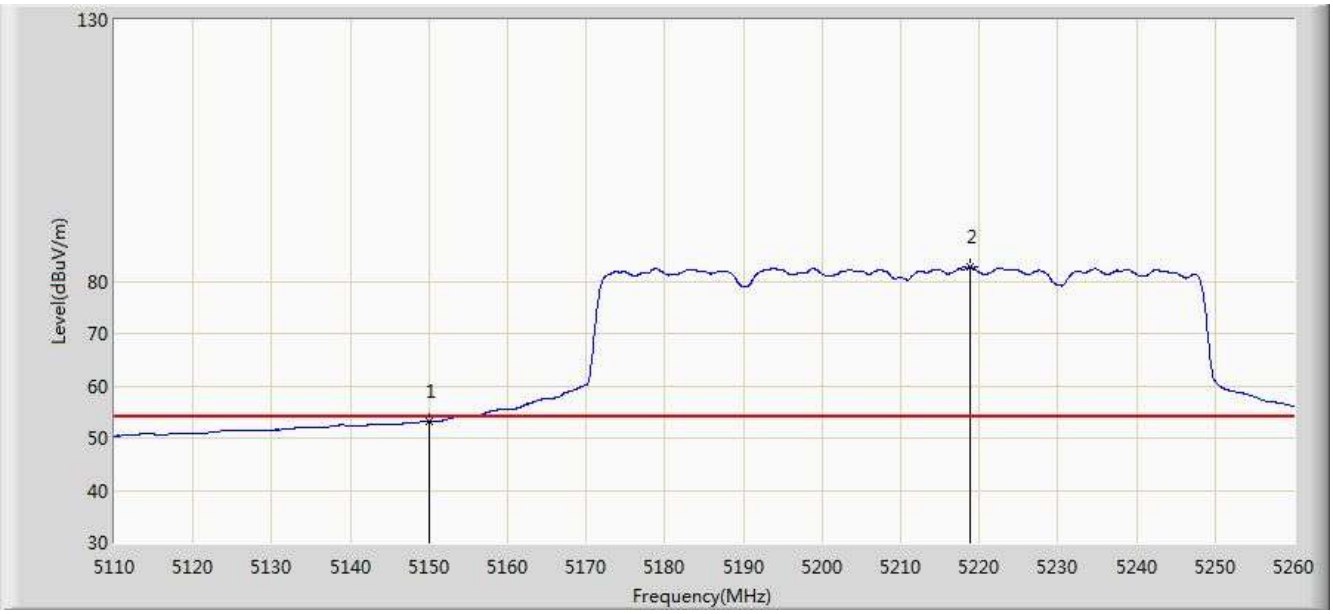


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.125	67.737	30.281	-6.263	74.000	37.456	PK
2			5150.000	67.304	29.852	-6.696	74.000	37.452	PK
3		*	5214.775	102.853	65.578	N/A	N/A	37.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1	

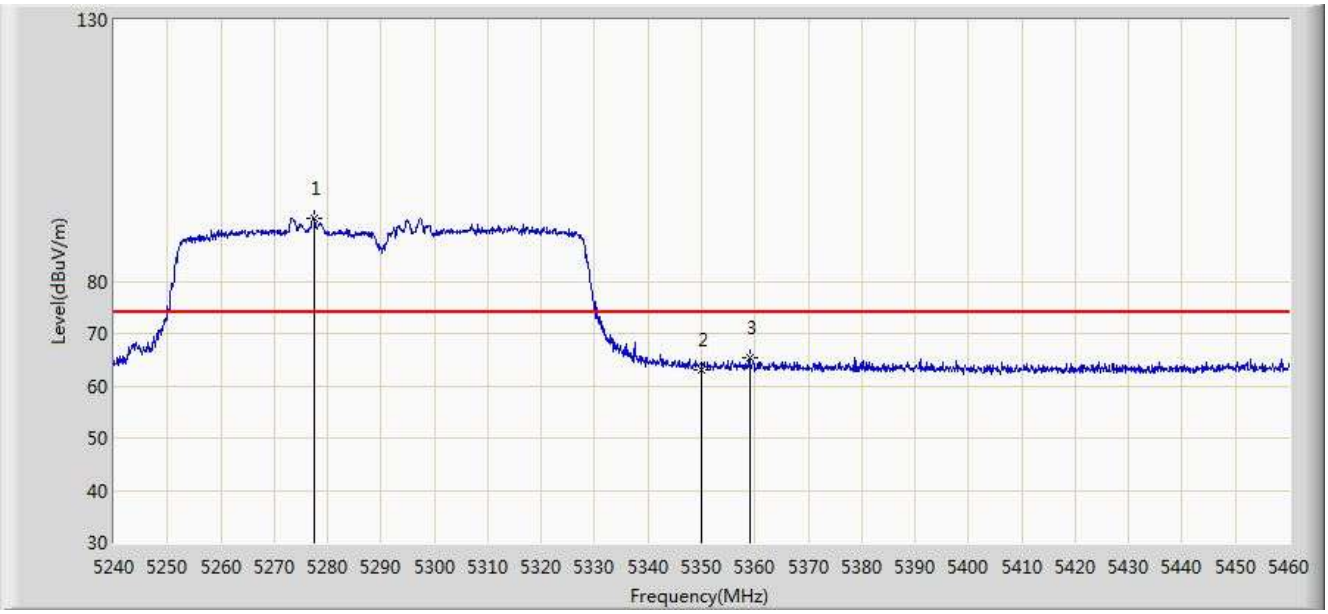


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.173	15.721	-0.827	54.000	37.452	AV
2		*	5218.750	82.646	45.381	N/A	N/A	37.265	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1	

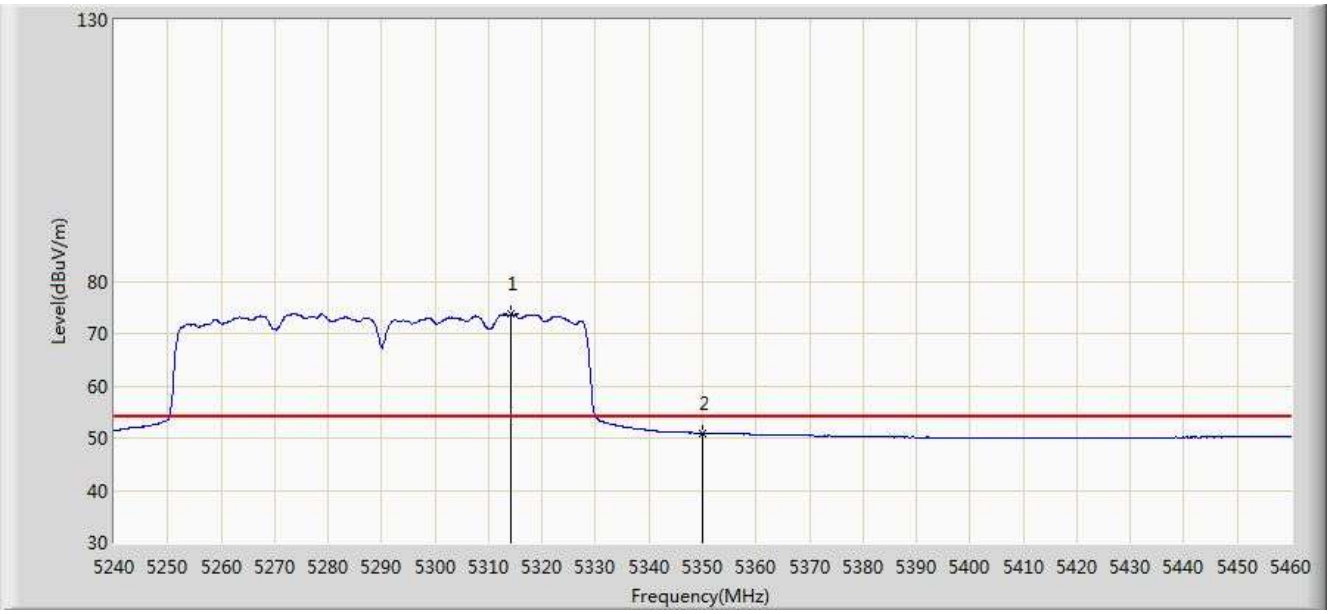


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5277.510	92.007	54.823	N/A	N/A	37.184	PK
2			5350.000	63.142	25.856	-10.858	74.000	37.286	PK
3			5359.020	65.261	27.950	-8.739	74.000	37.311	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1	

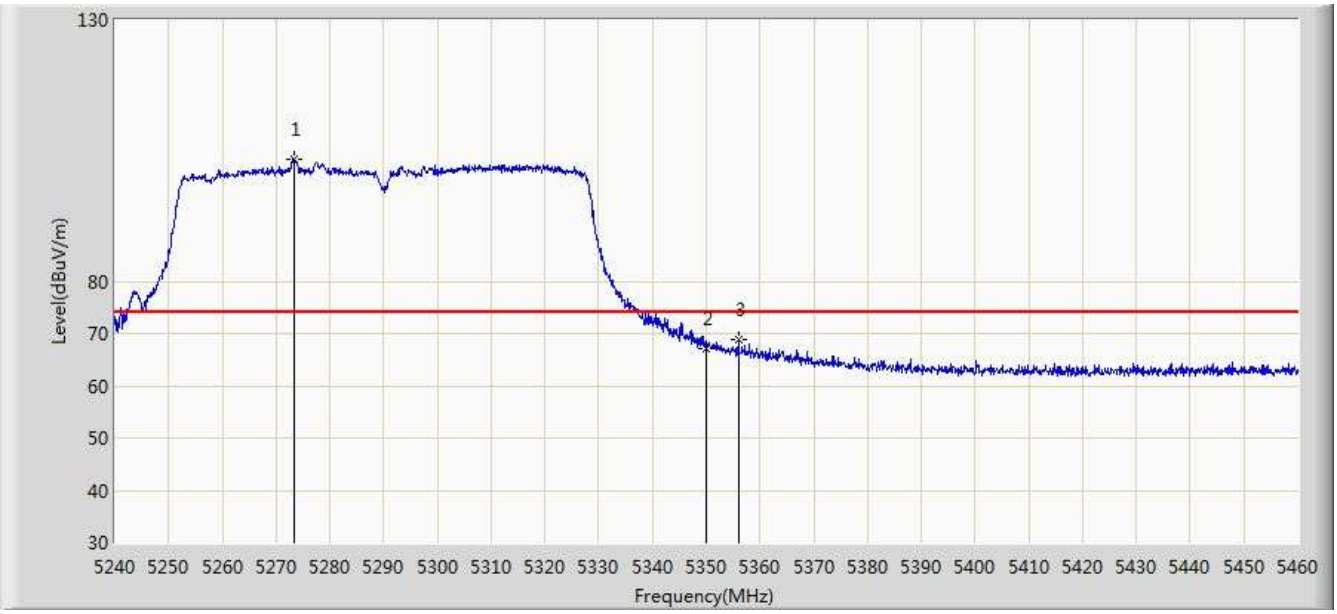


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.030	73.648	36.445	N/A	N/A	37.203	AV
2			5350.000	50.950	13.664	-3.050	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1	

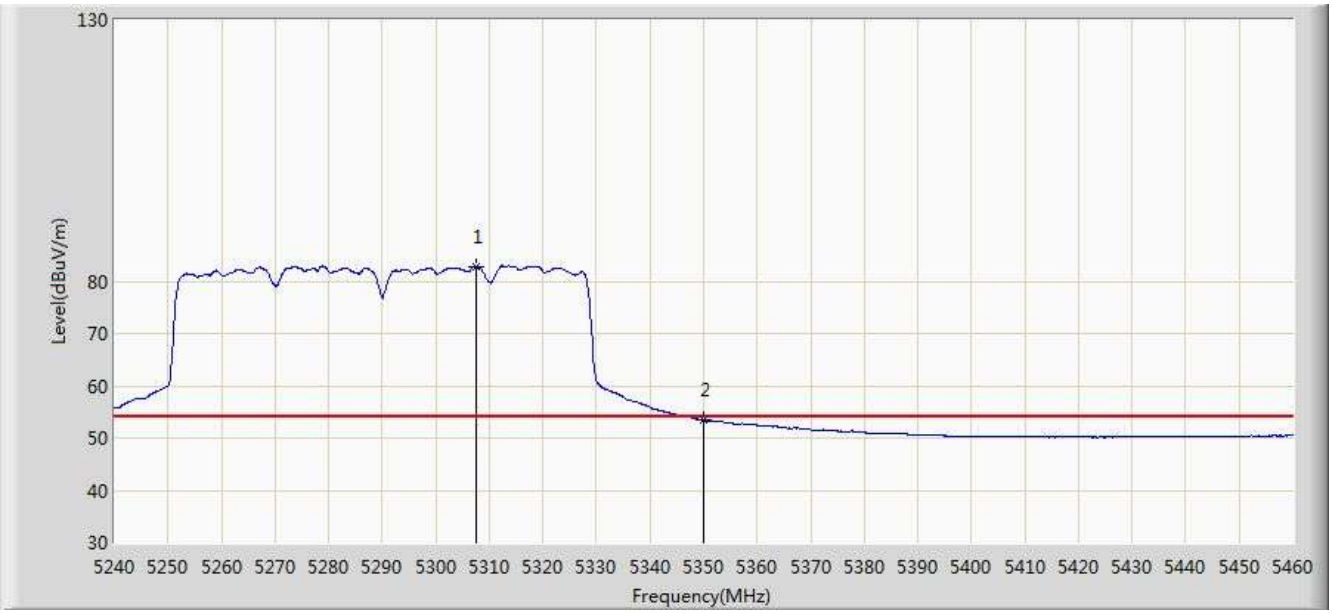


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5273.440	103.308	66.123	N/A	N/A	37.185	PK
2			5350.000	67.199	29.913	-6.801	74.000	37.286	PK
3			5355.940	68.918	31.615	-5.082	74.000	37.303	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1	

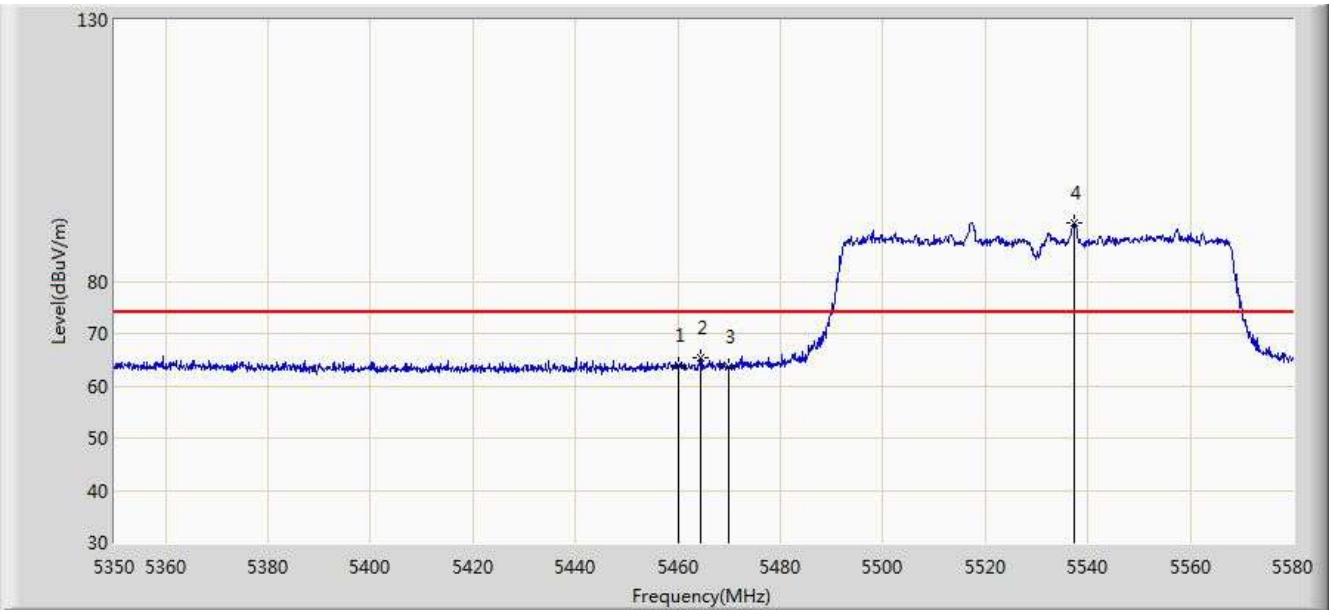


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.650	82.782	45.587	N/A	N/A	37.195	AV
2			5350.000	53.379	16.093	-0.621	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1	

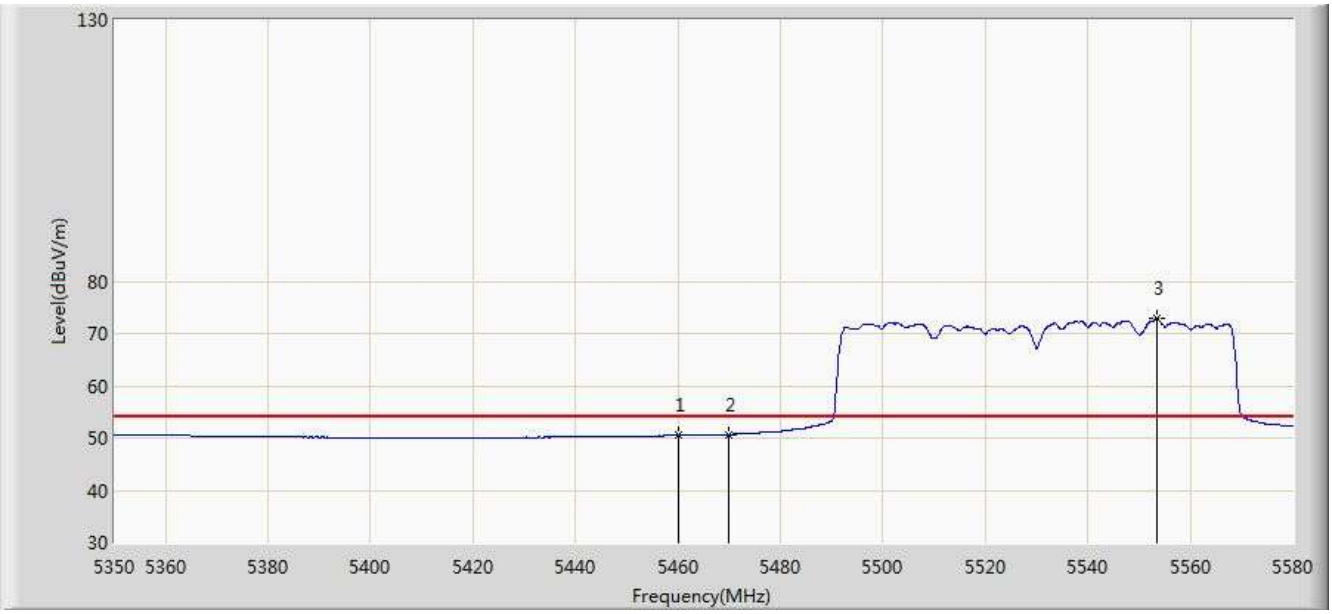


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.878	26.315	-10.122	74.000	37.563	PK
2			5464.310	65.290	27.716	-8.710	74.000	37.573	PK
3			5470.000	63.501	25.912	-10.499	74.000	37.588	PK
4		*	5537.335	91.043	53.362	N/A	N/A	37.681	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1	

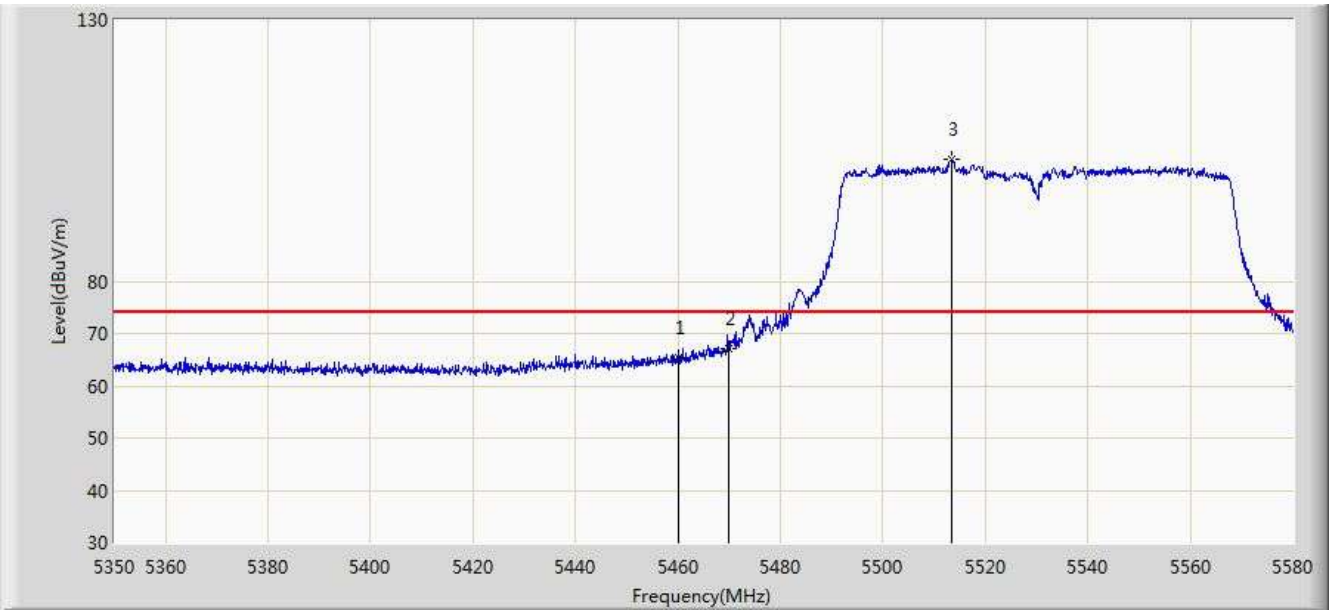


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.516	12.953	-3.484	54.000	37.563	AV
2			5470.000	50.683	13.094	-3.317	54.000	37.588	AV
3		*	5553.435	72.906	35.203	N/A	N/A	37.703	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1	

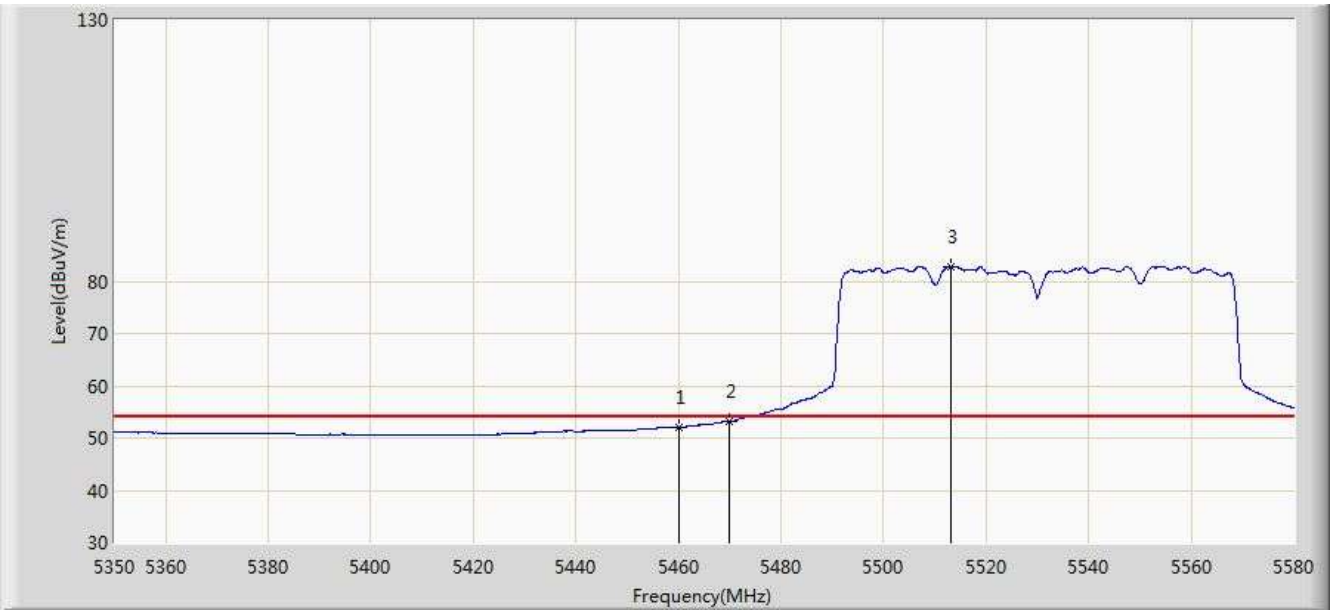


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.402	27.839	-8.598	74.000	37.563	PK
2			5470.000	67.154	29.565	-6.846	74.000	37.588	PK
3		*	5513.300	103.267	65.628	N/A	N/A	37.639	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1	

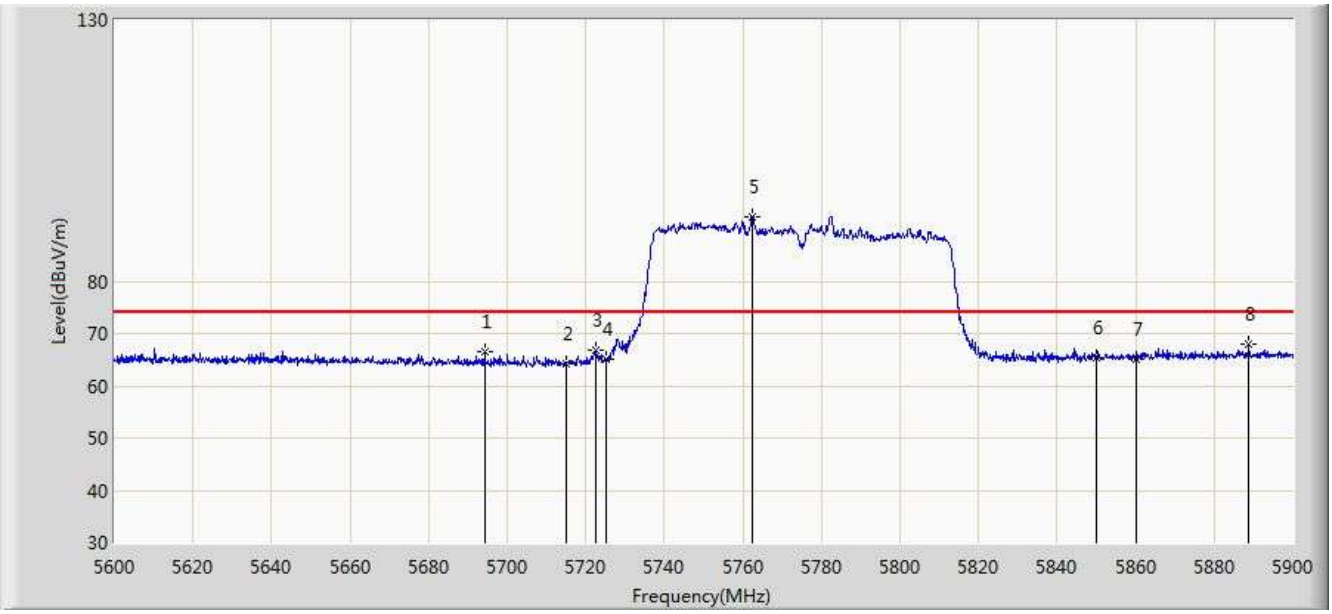


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.052	14.489	-1.948	54.000	37.563	AV
2			5470.000	53.159	15.570	-0.841	54.000	37.588	AV
3		*	5513.185	82.679	45.040	N/A	N/A	37.639	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1	

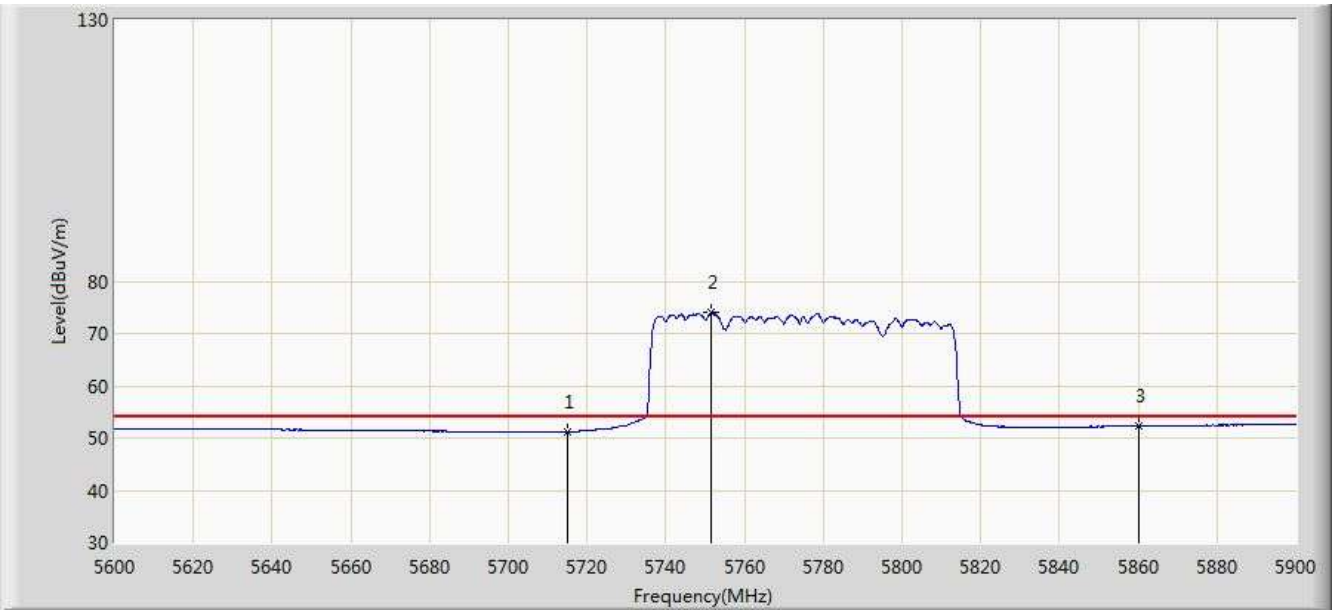


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5694.200	66.631	28.753	-7.369	74.000	37.878	PK
2			5715.000	64.141	26.192	-9.859	74.000	37.949	PK
3			5722.400	66.830	28.851	-11.370	78.200	37.979	PK
4			5725.000	65.165	27.175	-13.035	78.200	37.990	PK
5		*	5762.300	92.444	54.297	N/A	N/A	38.146	PK
6			5850.000	65.440	26.987	-12.760	78.200	38.454	PK
7			5860.000	65.109	26.631	-8.891	74.000	38.478	PK
8			5888.750	67.831	29.323	-6.169	74.000	38.508	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1	

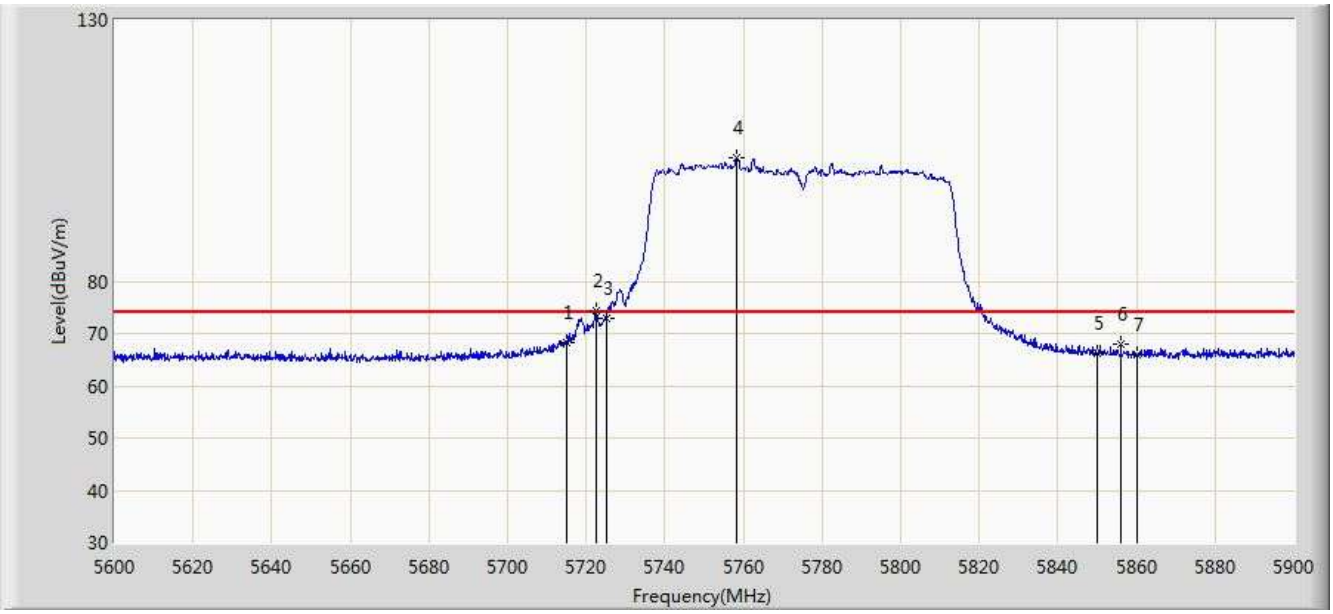


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.158	13.209	-2.842	54.000	37.949	AV
2		*	5751.350	73.955	35.853	N/A	N/A	38.102	AV
3			5860.000	52.266	13.788	-1.734	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 22:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.365	30.416	-5.635	74.000	37.949	PK
2			5722.700	74.369	36.389	-3.831	78.200	37.980	PK
3			5725.000	72.888	34.898	-5.312	78.200	37.990	PK
4		*	5758.100	103.615	65.482	N/A	N/A	38.133	PK
5			5850.000	66.312	27.859	-11.888	78.200	38.454	PK
6			5856.050	67.860	29.392	-10.340	78.200	38.468	PK
7			5860.000	65.986	27.508	-8.014	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

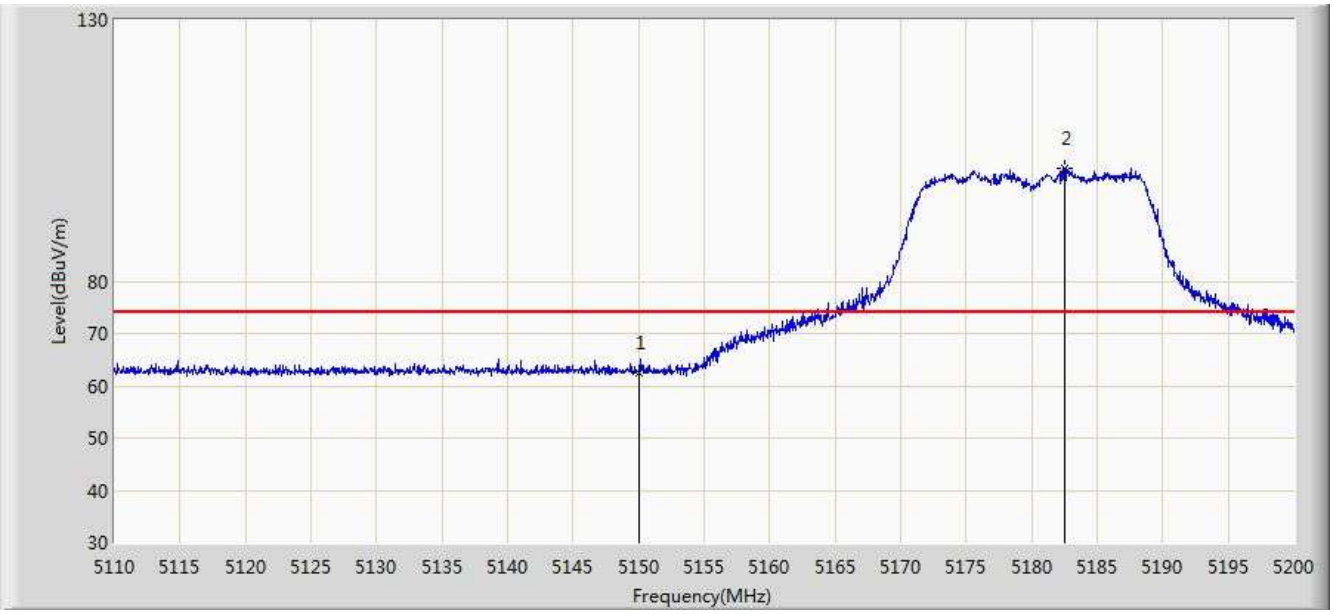
Site: AC1	Time: 2015/05/07 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.390	15.441	-0.610	54.000	37.949	AV
2		*	5751.950	83.288	45.183	N/A	N/A	38.105	AV
3			5860.000	52.655	14.177	-1.345	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2	

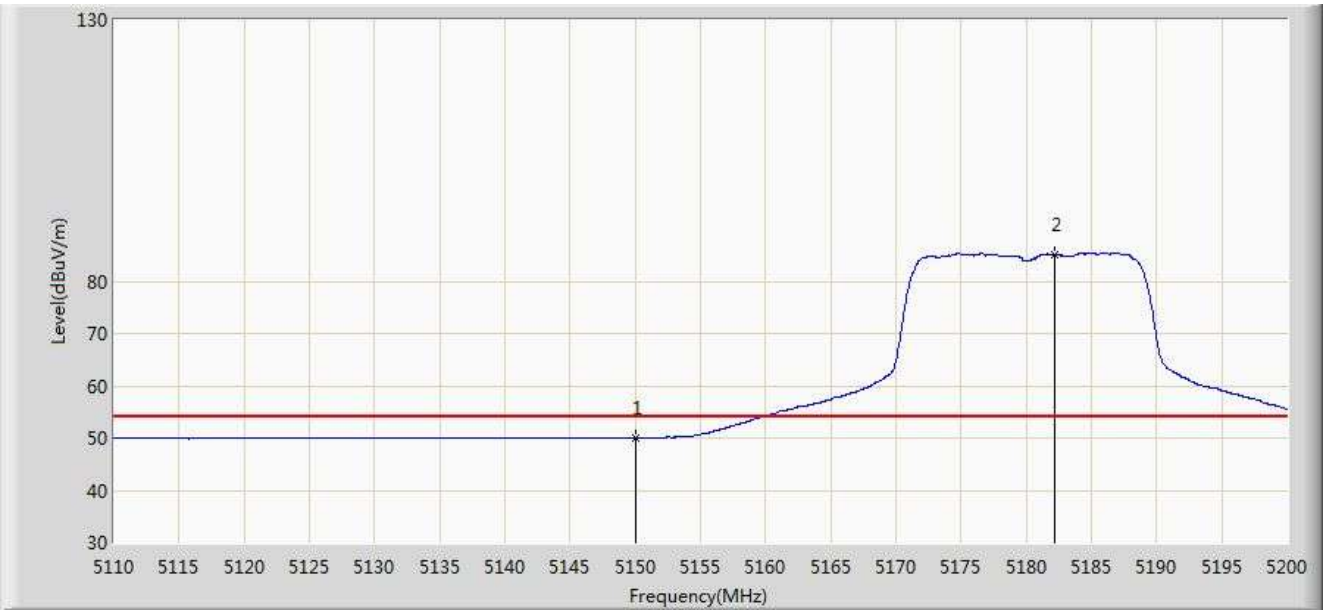


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.593	25.141	-11.407	74.000	37.452	PK
2		*	5182.495	101.710	64.342	N/A	N/A	37.367	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2	

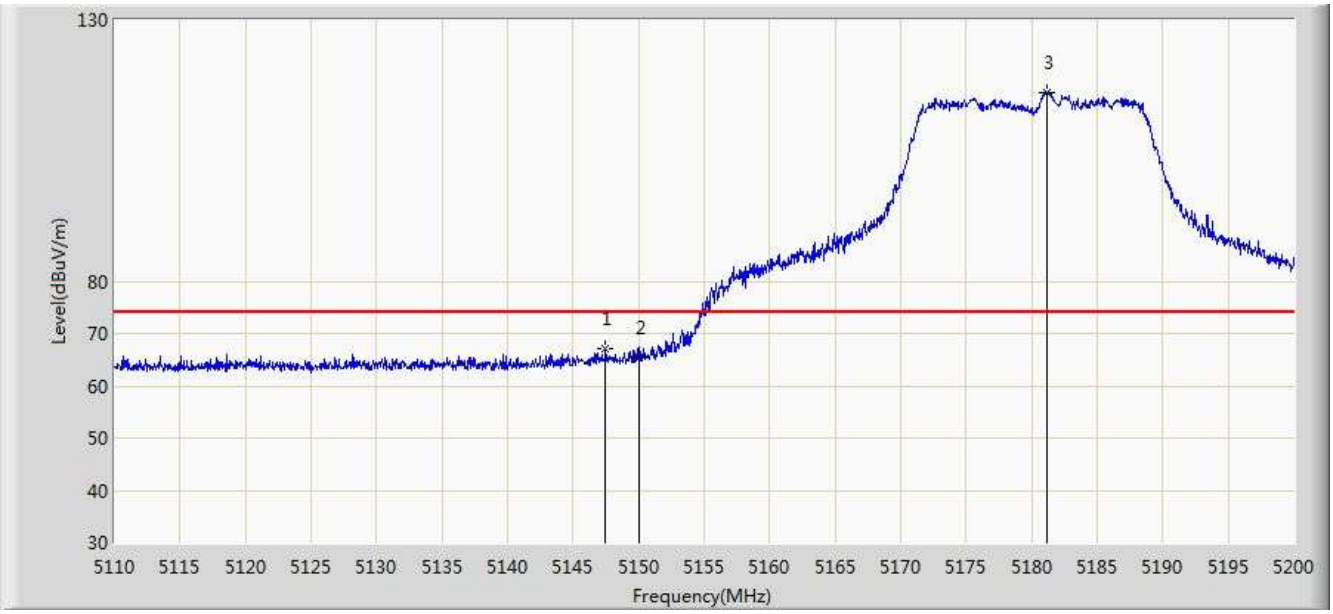


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.029	12.577	-3.971	54.000	37.452	AV
2		*	5182.180	85.184	47.815	N/A	N/A	37.369	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2	

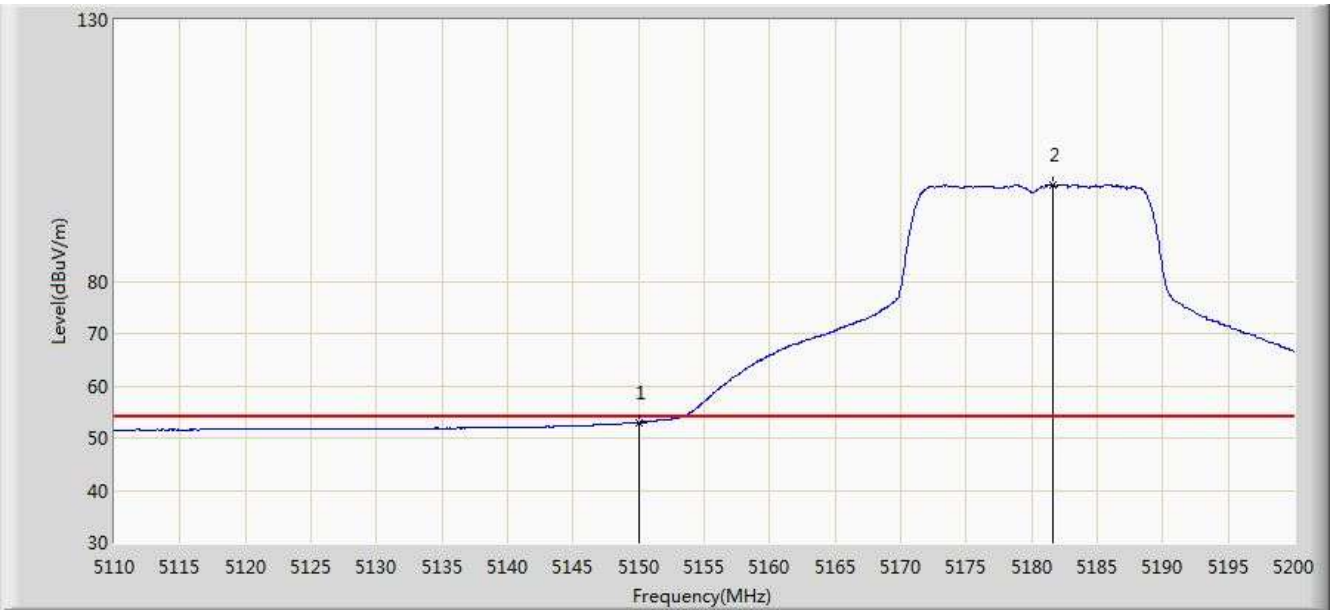


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.485	67.171	29.715	-6.829	74.000	37.455	PK
2			5150.000	65.371	27.919	-8.629	74.000	37.452	PK
3		*	5181.190	116.213	78.842	N/A	N/A	37.371	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2	

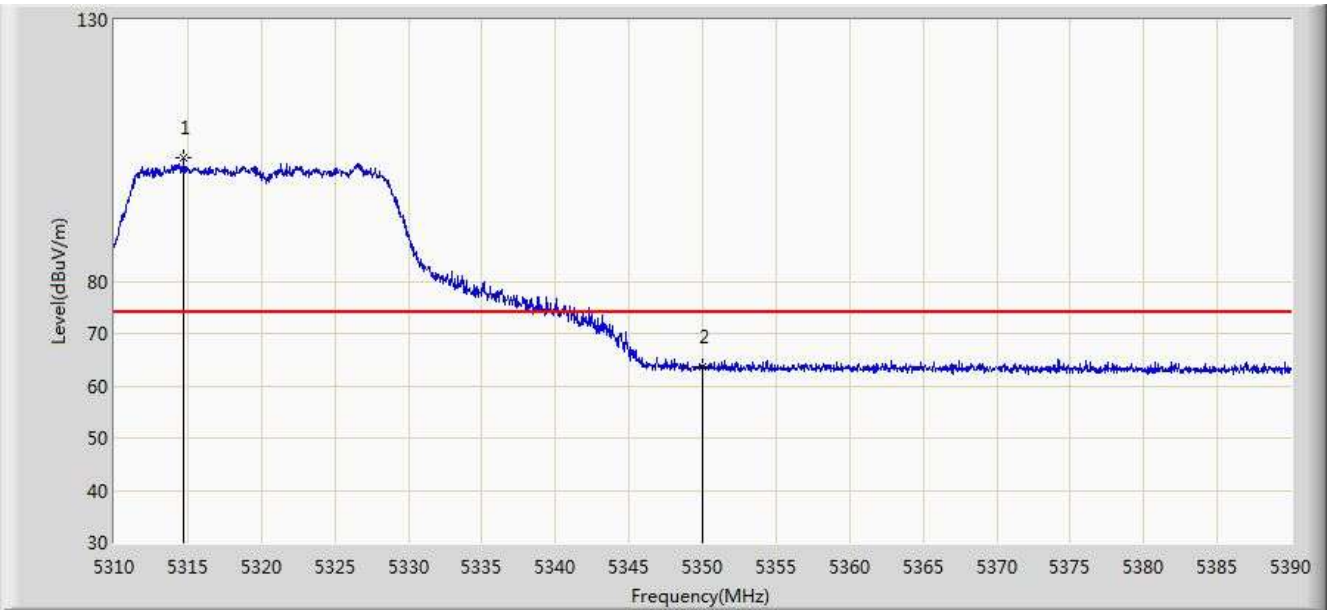


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.002	15.550	-0.998	54.000	37.452	AV
2		*	5181.595	98.541	61.171	N/A	N/A	37.371	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.760	103.517	66.313	N/A	N/A	37.204	PK
2			5350.000	63.728	26.442	-10.272	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

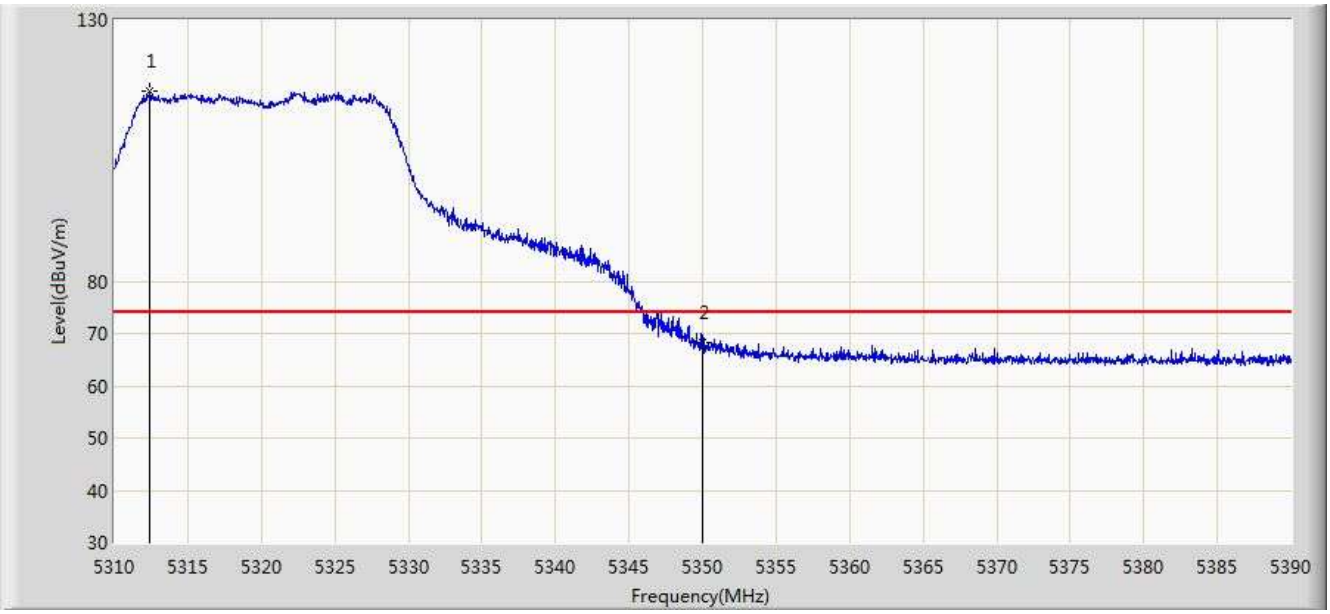
Site: AC1	Time: 2015/04/28 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.680	86.234	49.023	N/A	N/A	37.211	AV
2			5350.000	50.534	13.248	-3.466	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2	

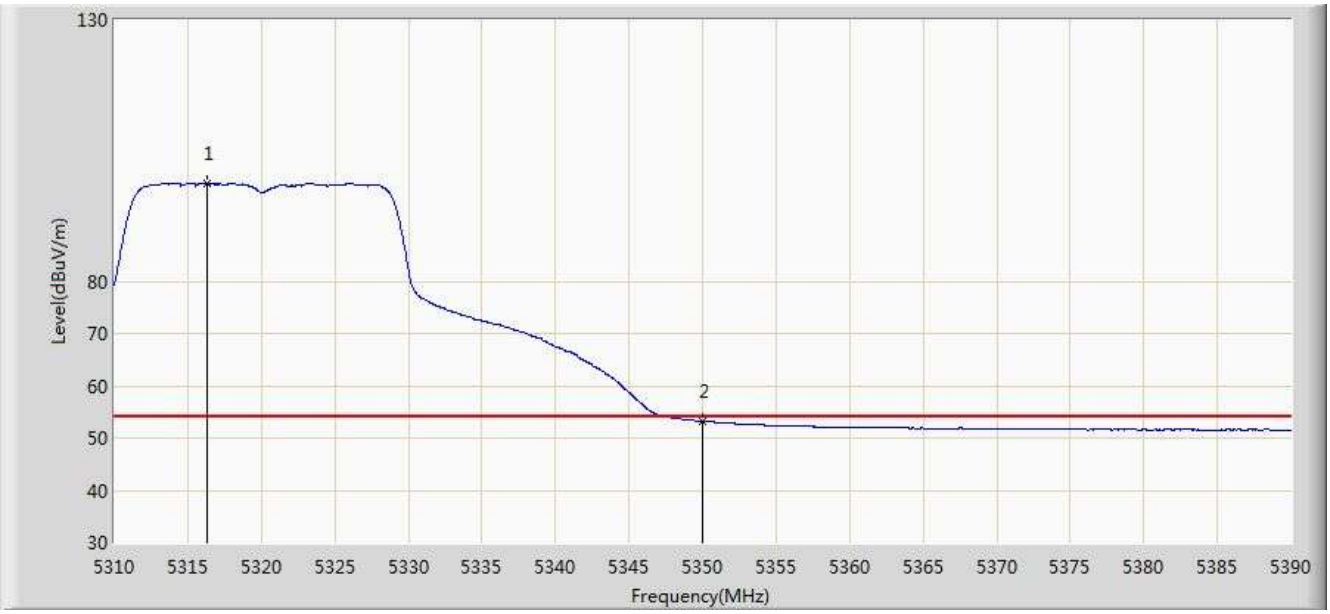


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.400	116.267	79.067	N/A	N/A	37.201	PK
2			5350.000	68.150	30.864	-5.850	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2	

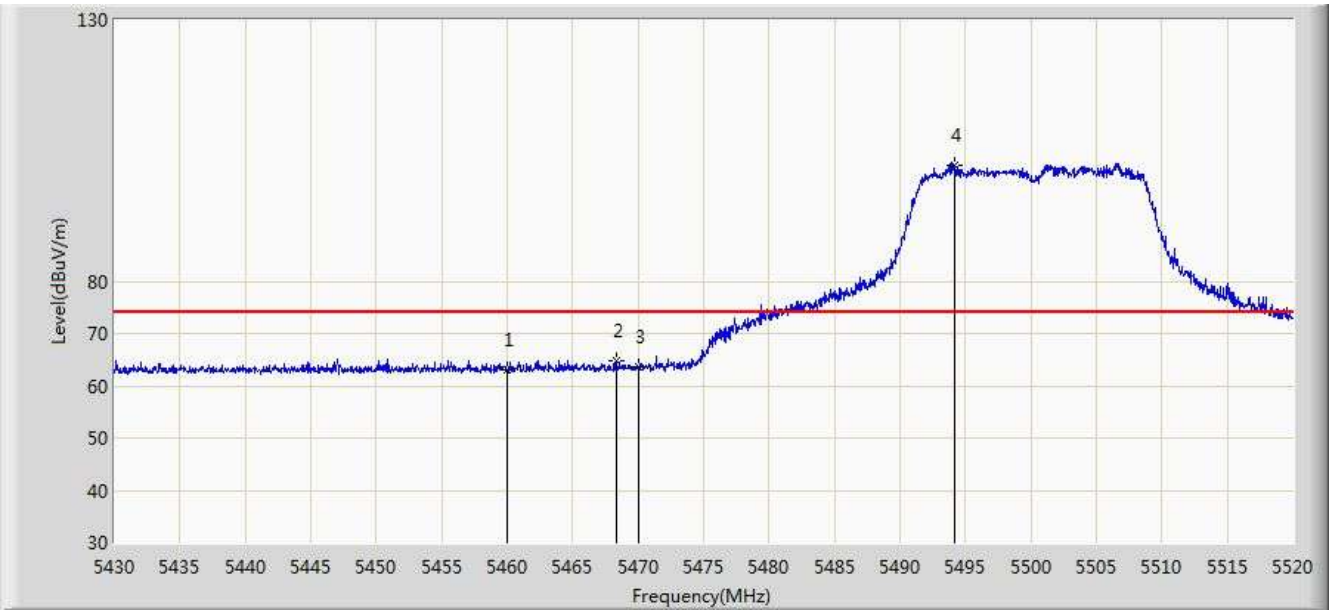


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.320	98.792	61.585	N/A	N/A	37.207	AV
2			5350.000	53.225	15.939	-0.775	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1+2	

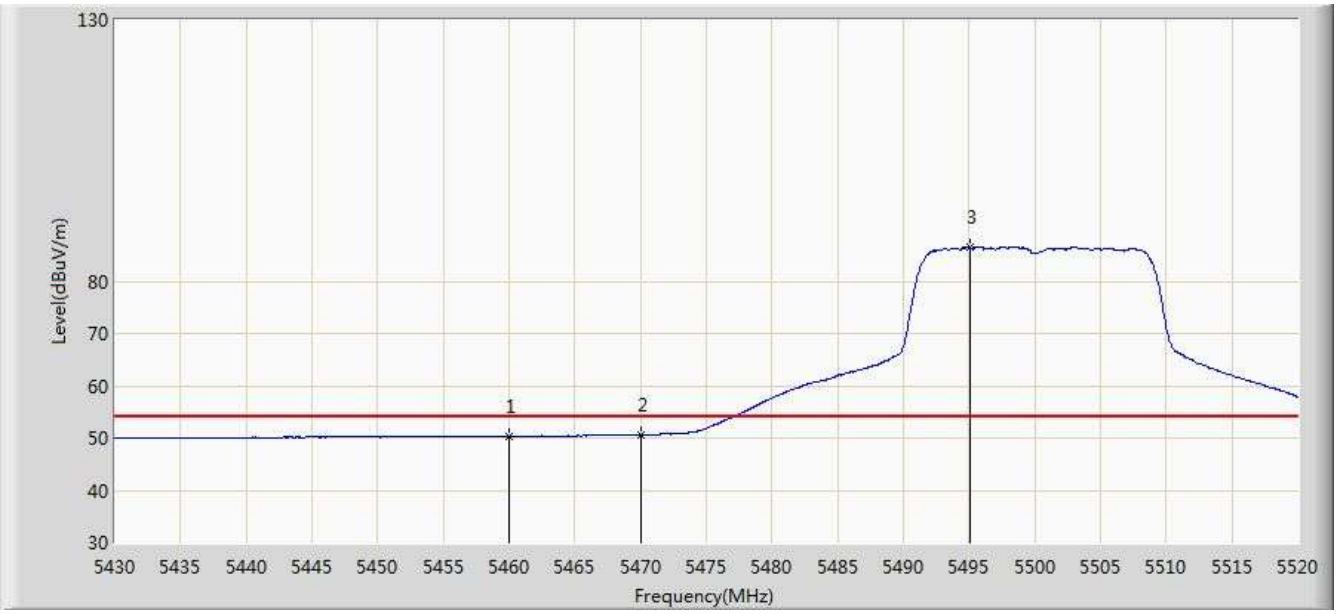


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.125	25.562	-10.875	74.000	37.563	PK
2			5468.295	64.788	27.204	-9.212	74.000	37.584	PK
3			5470.000	63.529	25.940	-10.471	74.000	37.588	PK
4		*	5494.215	102.317	64.699	N/A	N/A	37.618	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1+2	

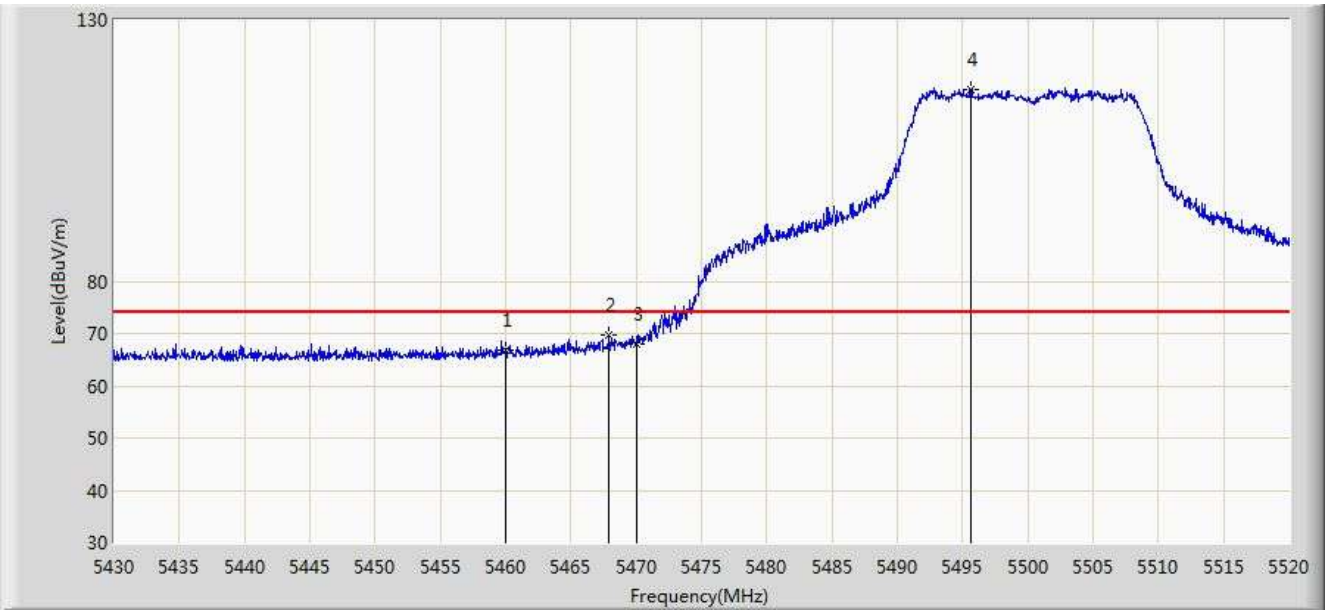


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.298	12.735	-3.702	54.000	37.563	AV
2			5470.000	50.626	13.037	-3.374	54.000	37.588	AV
3		*	5495.025	86.464	48.845	N/A	N/A	37.619	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1+2	

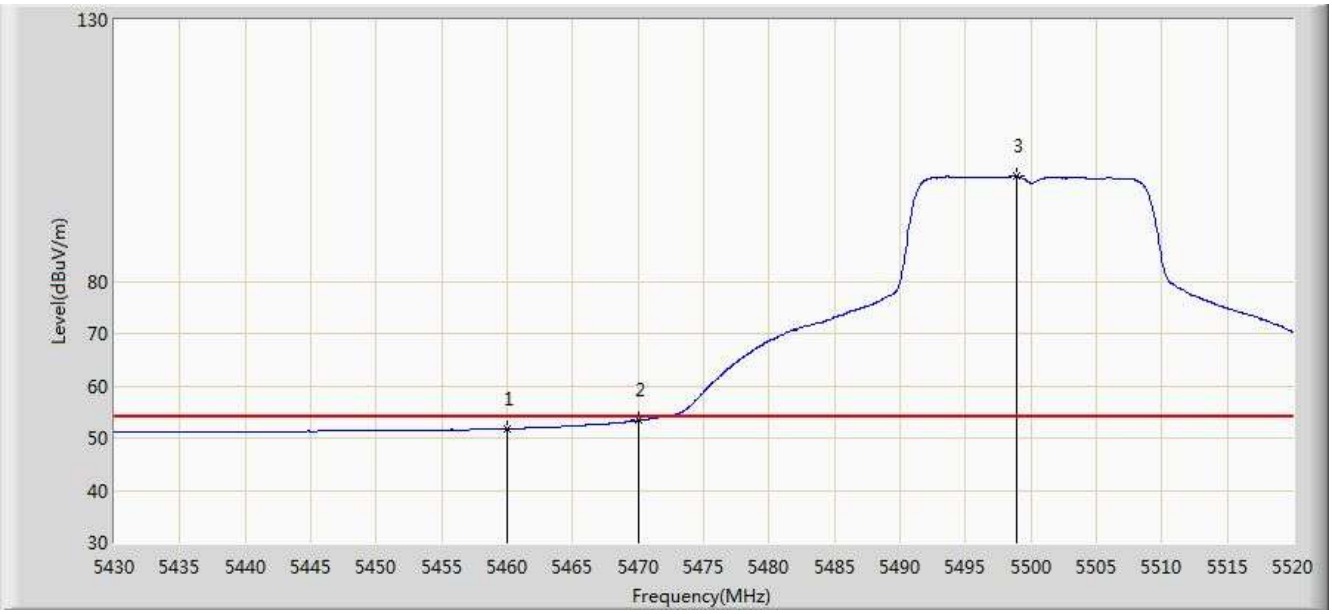


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	66.847	29.284	-7.153	74.000	37.563	PK
2			5467.935	69.665	32.082	-4.335	74.000	37.583	PK
3			5470.000	68.005	30.416	-5.995	74.000	37.588	PK
4		*	5495.610	116.764	79.144	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11n-HT20 Ant 0+1+2	

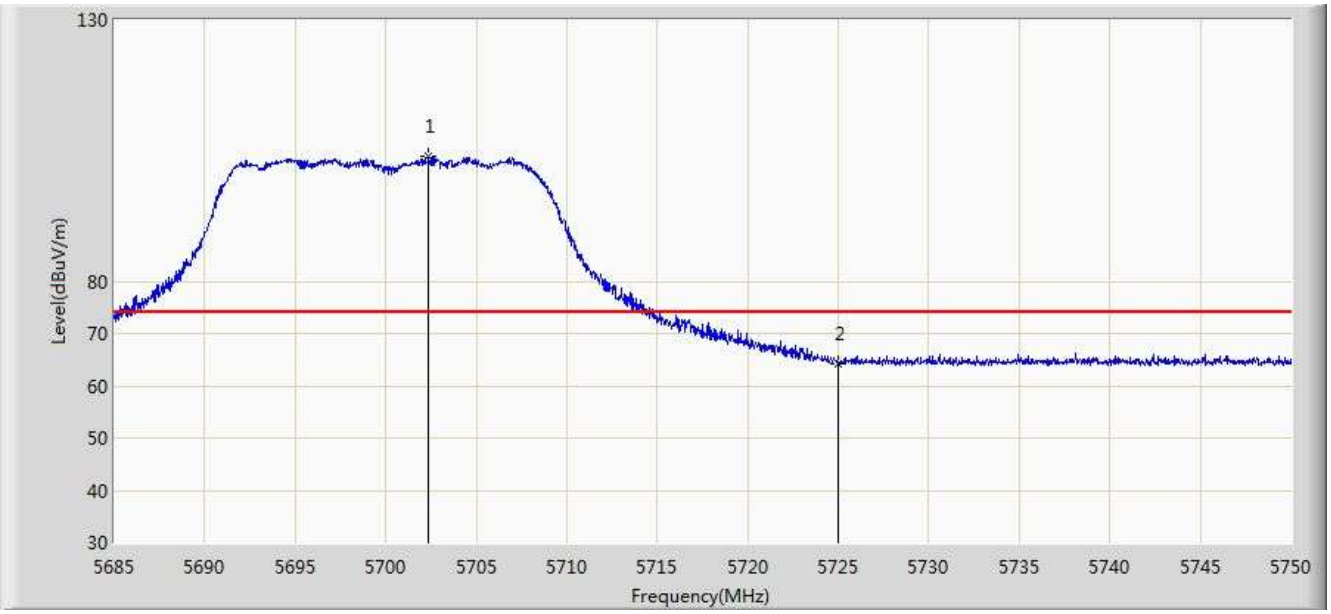


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.744	14.181	-2.256	54.000	37.563	AV
2			5470.000	53.351	15.763	-0.649	54.000	37.588	AV
3		*	5498.940	100.077	62.453	N/A	N/A	37.624	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1+2	

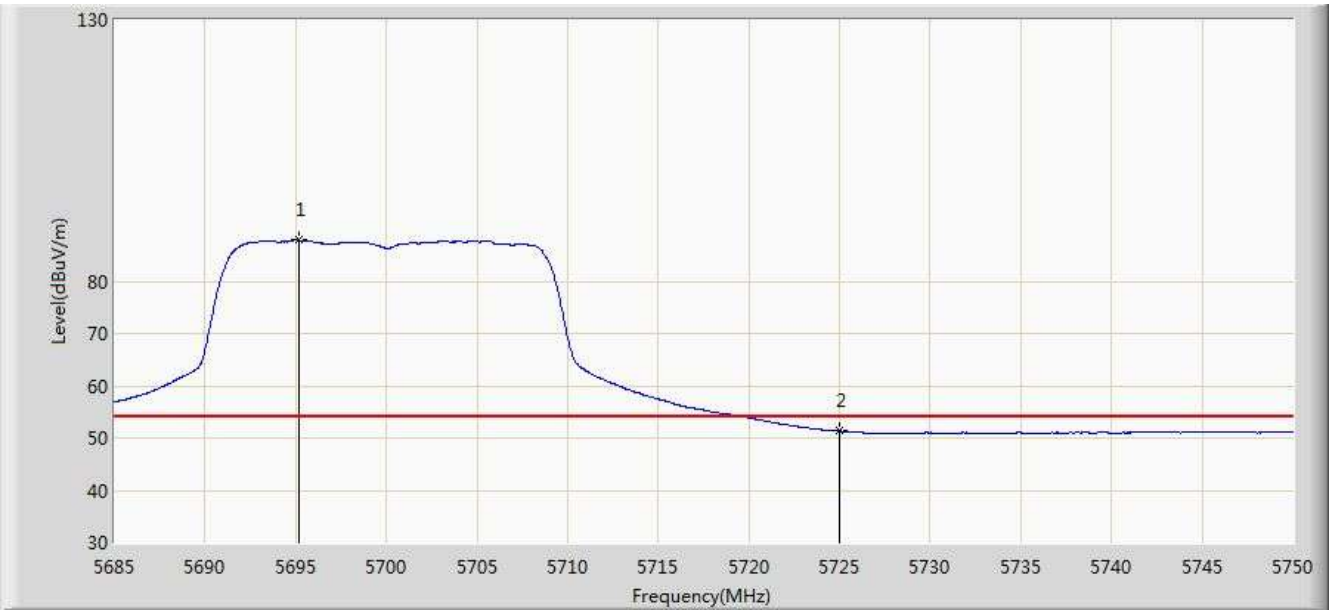


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.388	104.004	66.106	N/A	N/A	37.898	PK
2			5725.000	64.205	26.215	-9.795	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1+2	

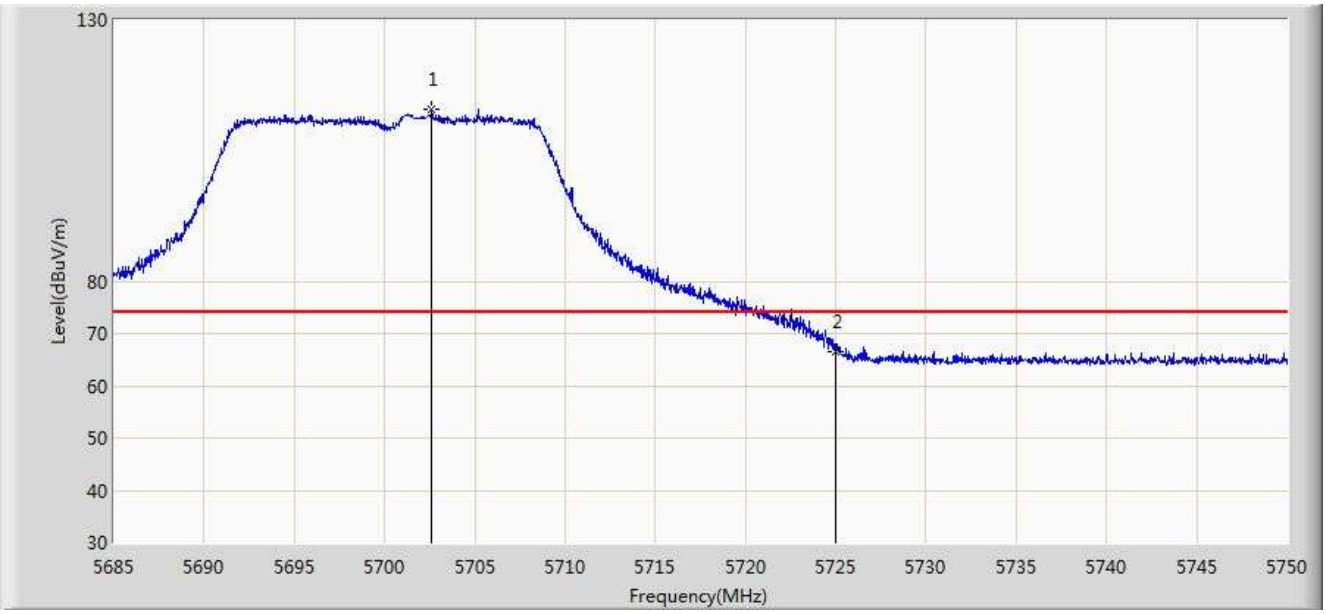


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.172	87.849	49.969	N/A	N/A	37.880	AV
2			5725.000	51.333	13.343	-2.667	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1+2	

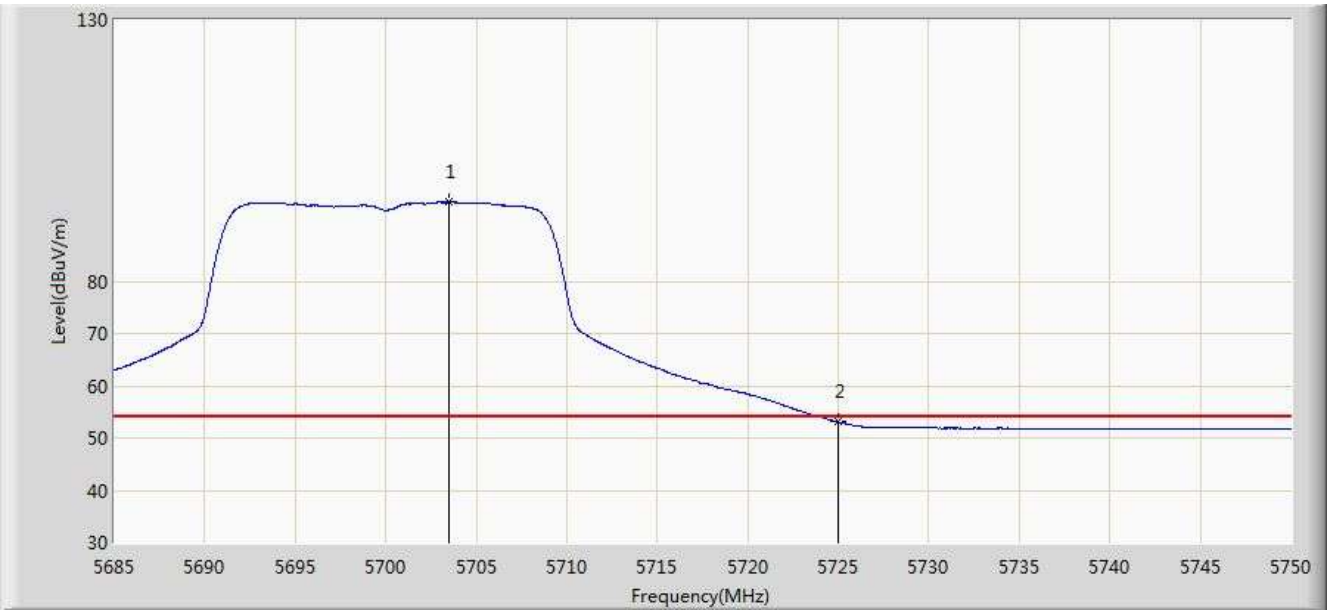


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.615	113.031	75.133	N/A	N/A	37.898	PK
2			5725.000	66.657	28.667	-7.343	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11n-HT20 Ant 0+1+2	

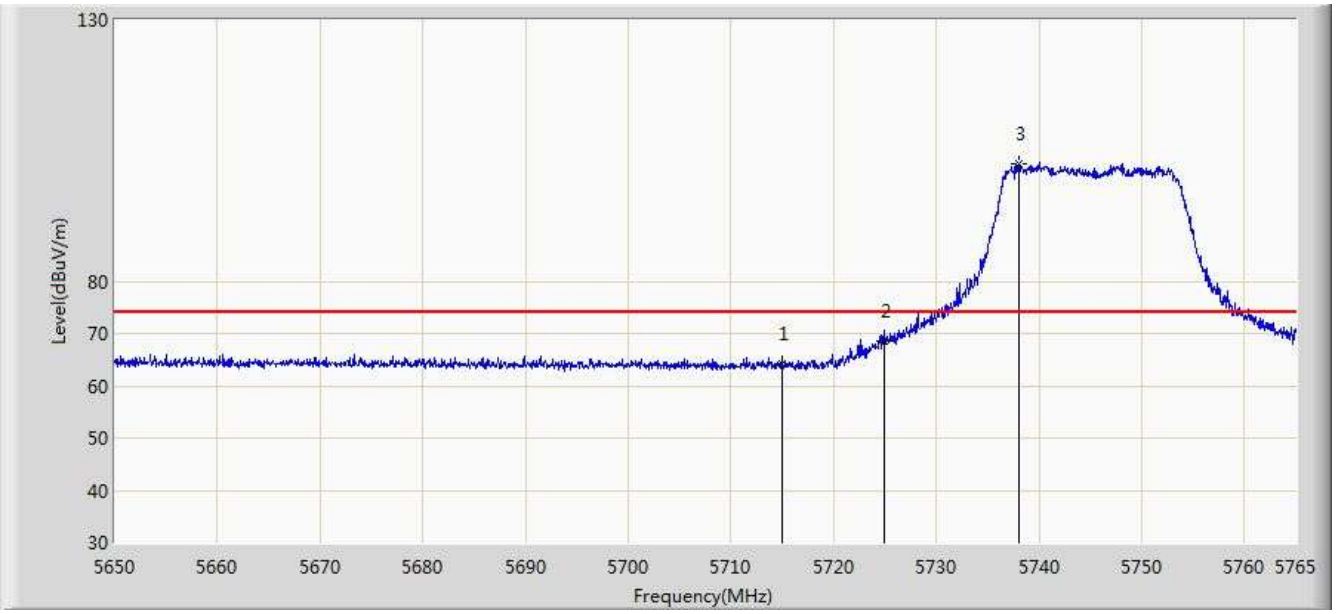


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5703.460	95.114	57.212	N/A	N/A	37.901	AV
2			5725.000	53.085	15.095	-0.915	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1+2	

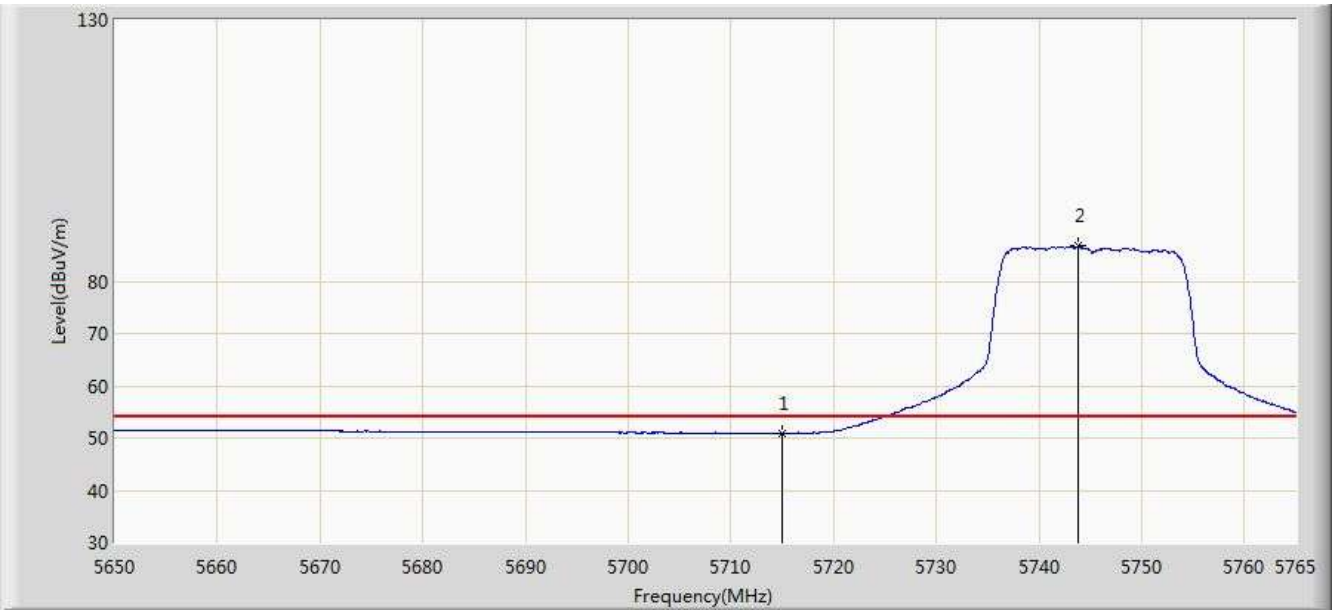


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.290	26.341	-9.710	74.000	37.949	PK
2			5725.000	68.654	30.664	-9.546	78.200	37.990	PK
3		*	5738.090	102.552	64.508	N/A	N/A	38.044	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1+2	

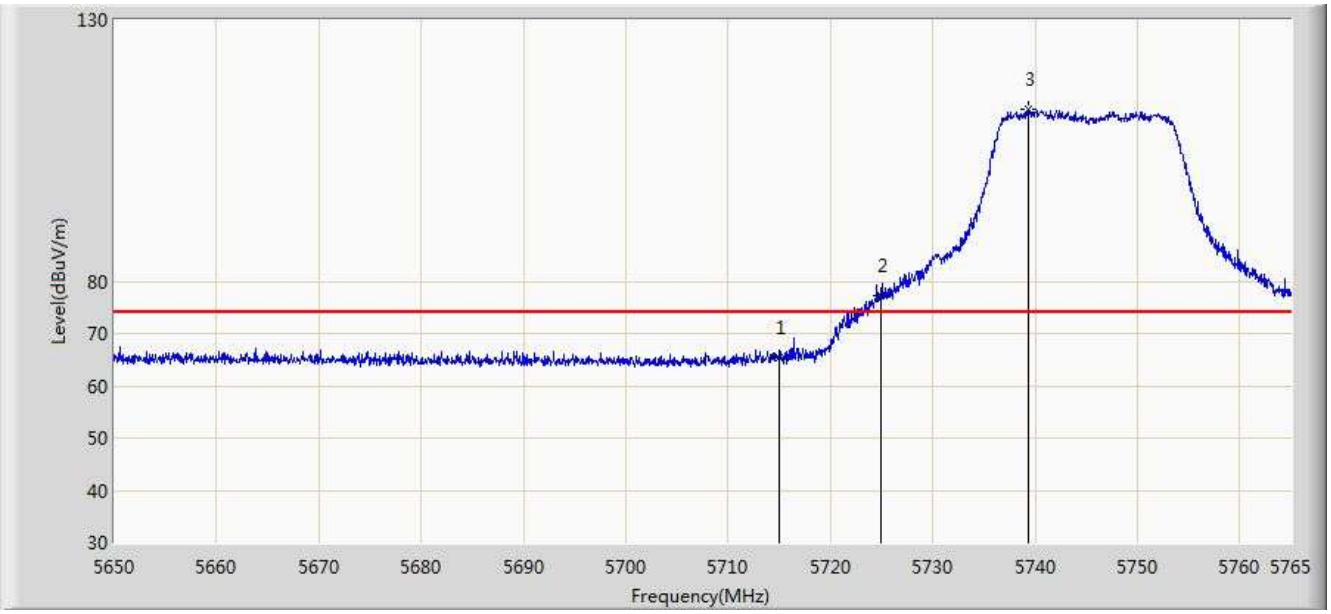


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.993	13.044	-3.007	54.000	37.949	AV
2		*	5743.840	86.698	48.632	N/A	N/A	38.066	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1+2	

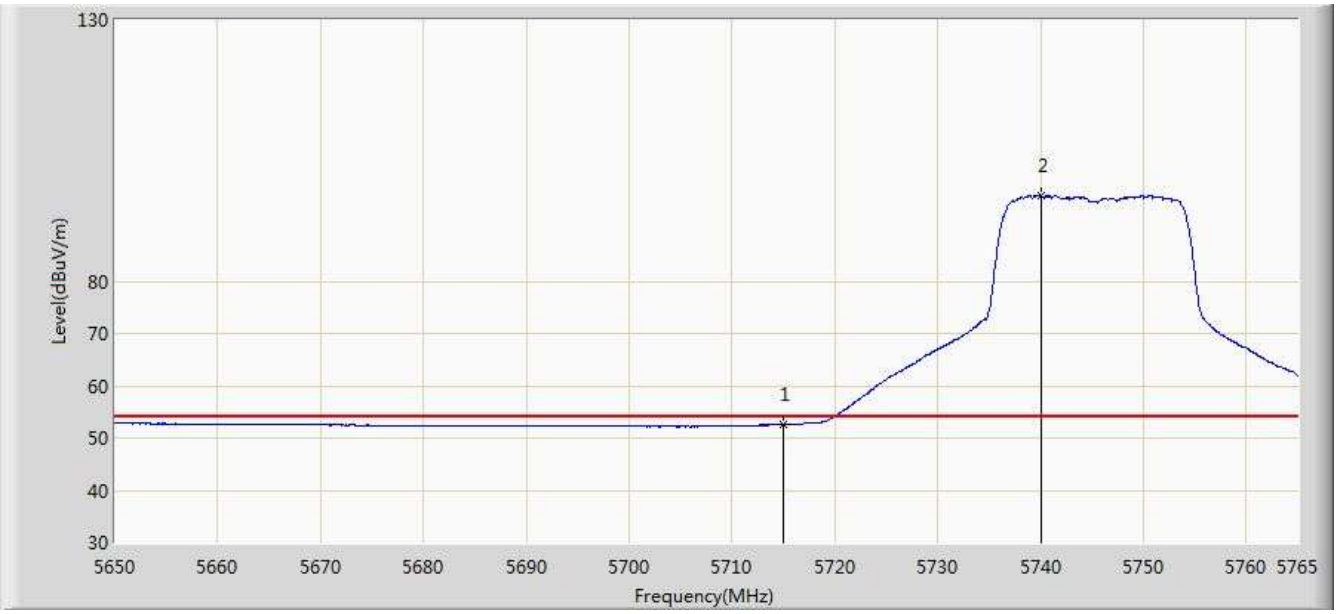


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.375	27.426	-8.625	74.000	37.949	PK
2			5725.000	77.349	39.359	-0.851	78.200	37.990	PK
3		*	5739.413	112.892	74.843	N/A	N/A	38.049	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11n20 Ant 0+1+2	

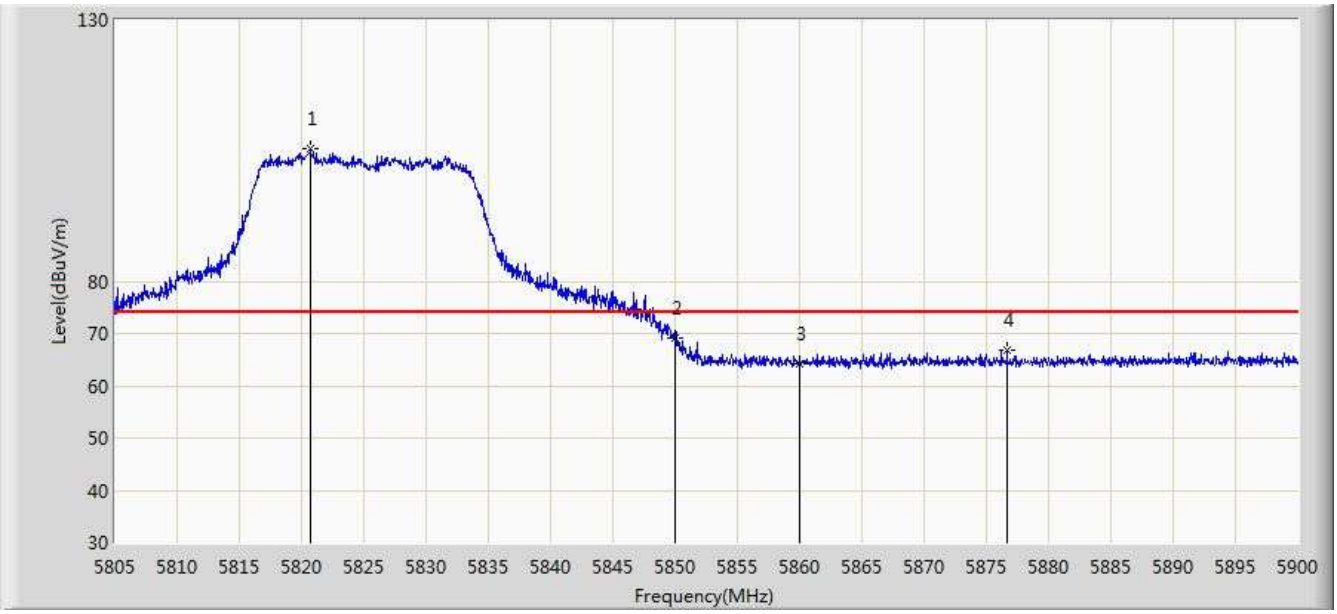


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.620	14.671	-1.380	54.000	37.949	AV
2		*	5740.103	96.424	58.373	N/A	N/A	38.051	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1+2	

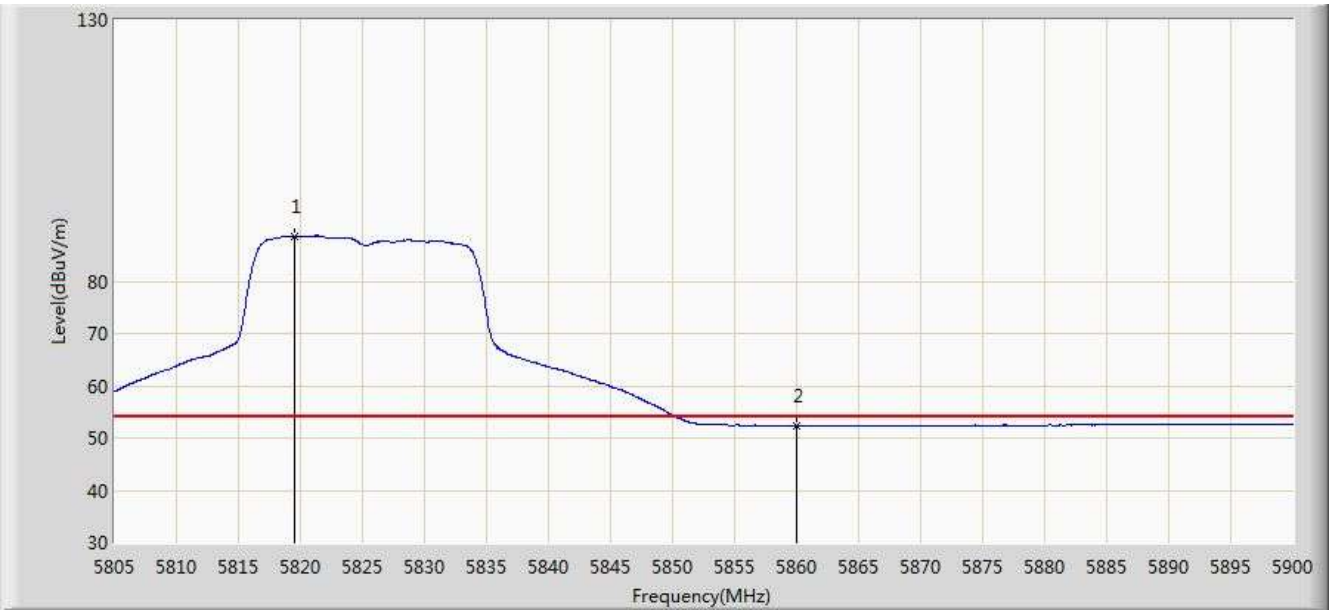


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.723	105.297	66.959	N/A	N/A	38.337	PK
2			5850.000	69.153	30.700	-9.047	78.200	38.454	PK
3			5860.000	64.074	25.596	-9.926	74.000	38.478	PK
4			5876.678	66.808	28.309	-7.192	74.000	38.499	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1+2	

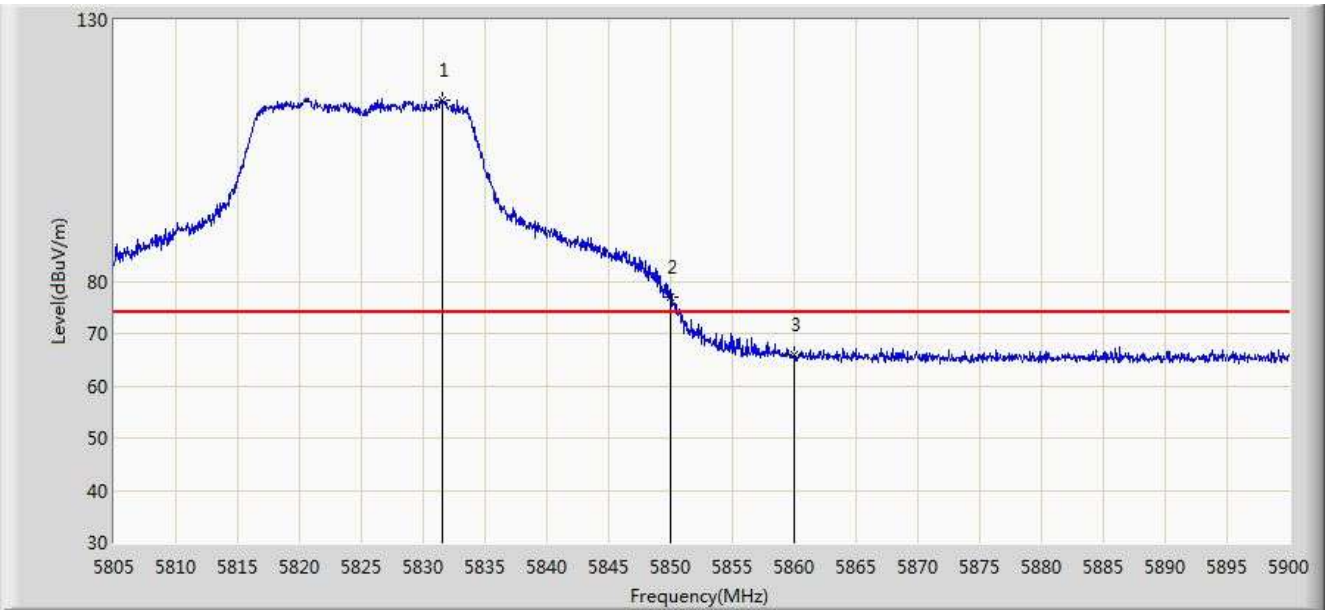


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.583	88.541	50.208	N/A	N/A	38.334	AV
2			5860.000	52.366	13.888	-1.634	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1+2	

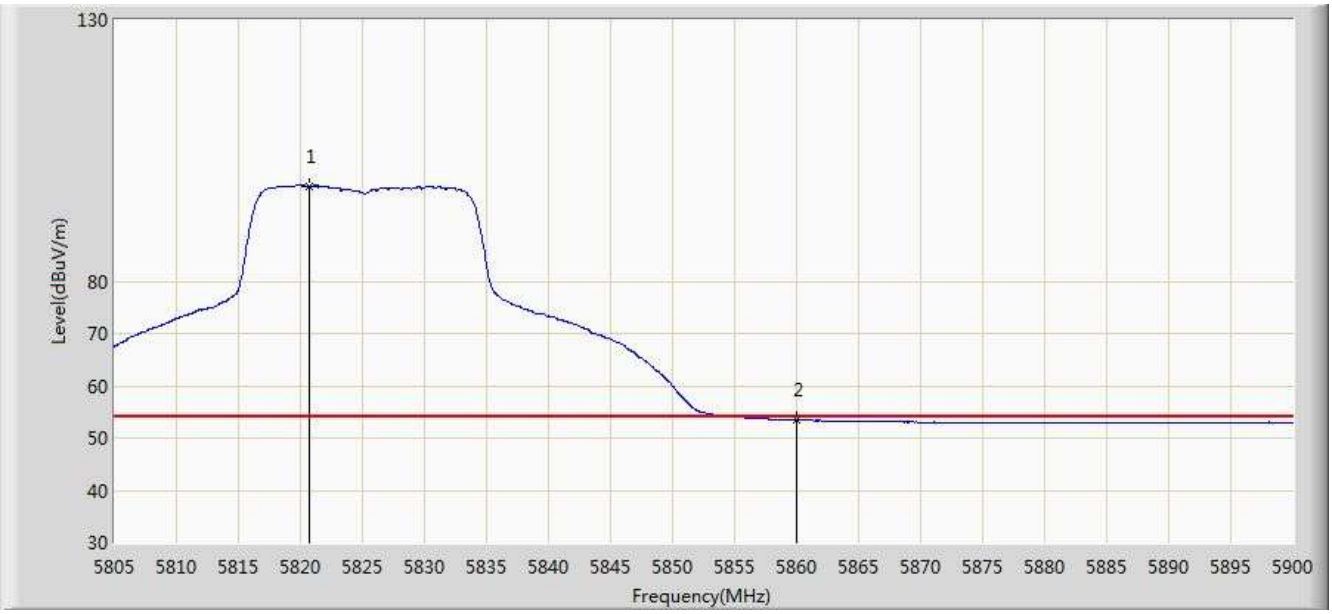


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.600	114.629	76.245	N/A	N/A	38.383	PK
2			5850.000	76.825	38.372	-1.375	78.200	38.454	PK
3			5860.000	65.966	27.488	-8.034	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11n20 Ant 0+1+2	

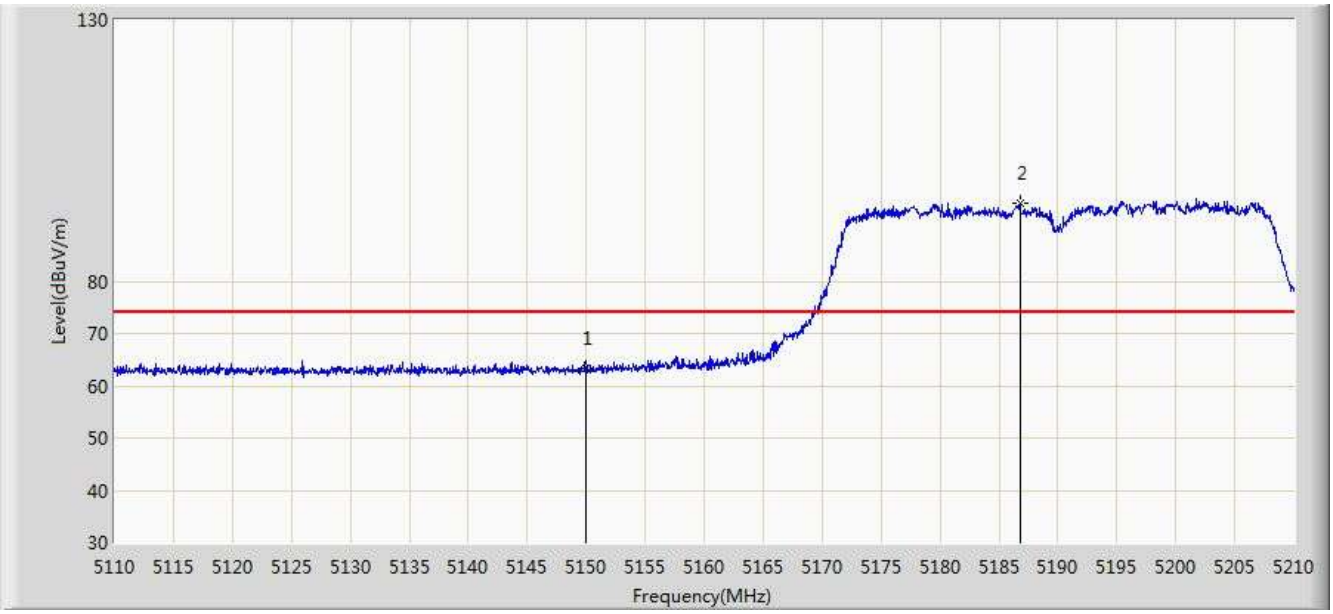


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.770	98.208	59.870	N/A	N/A	38.338	AV
2			5860.000	53.423	14.945	-0.577	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1+2	

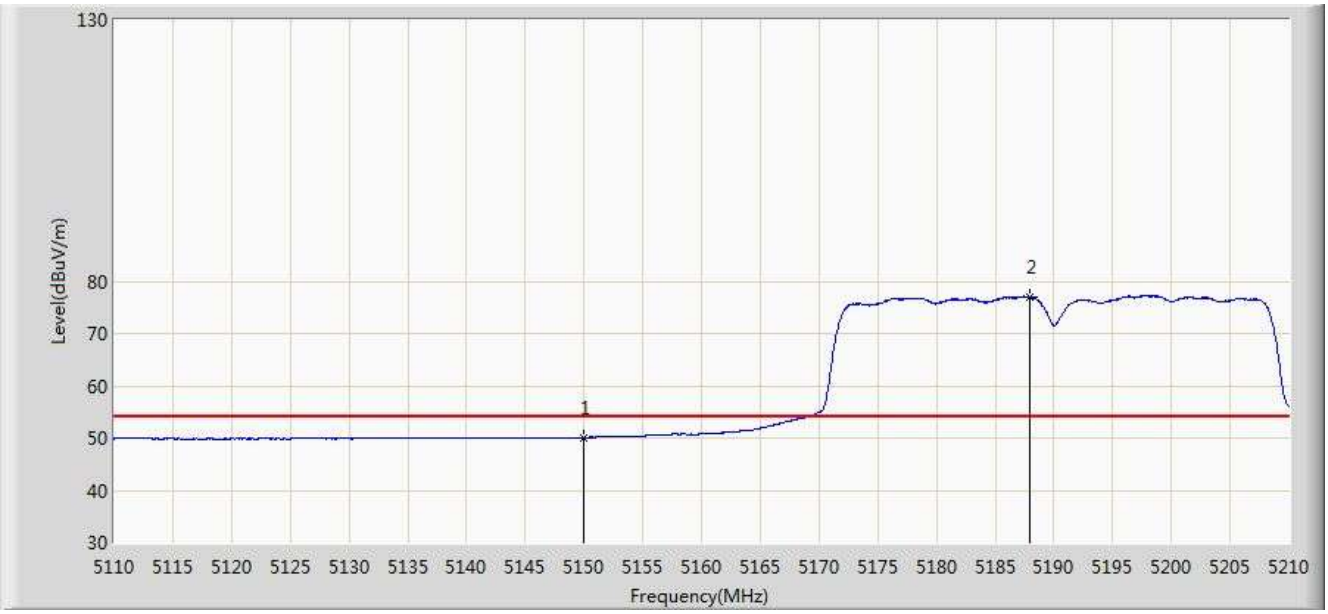


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.384	25.932	-10.616	74.000	37.452	PK
2		*	5186.800	94.929	57.572	N/A	N/A	37.357	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1+2	

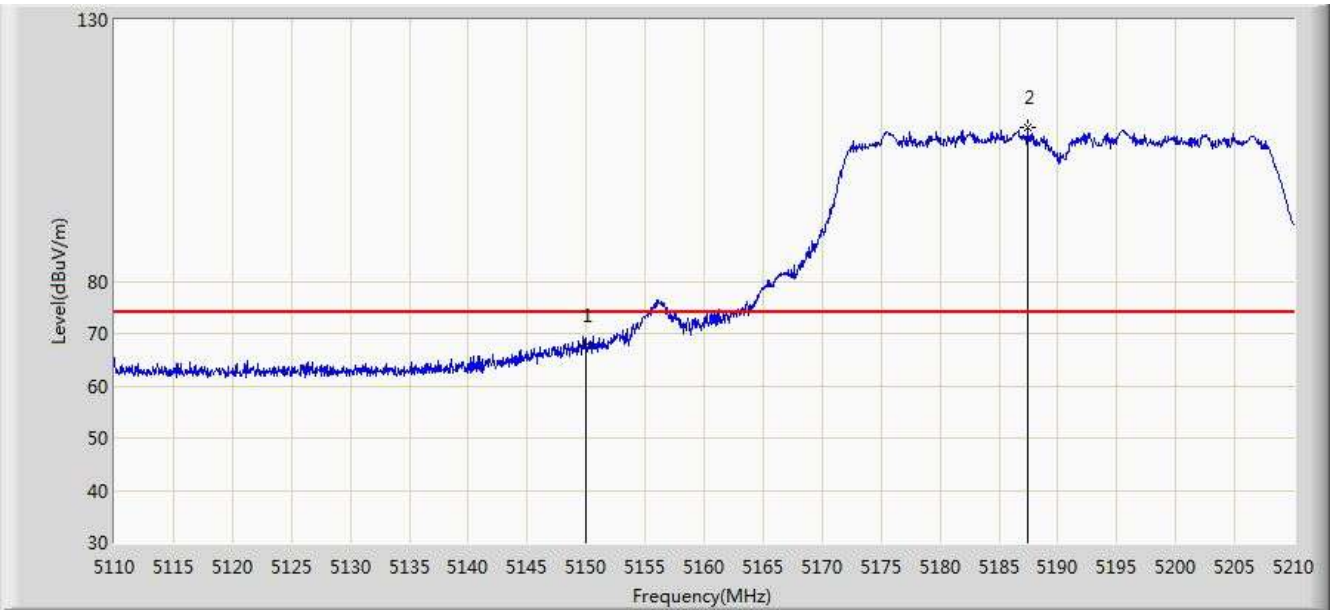


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.130	12.678	-3.870	54.000	37.452	AV
2		*	5187.900	77.069	39.715	N/A	N/A	37.354	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.735	30.283	-6.265	74.000	37.452	PK
2		*	5187.400	109.399	72.044	N/A	N/A	37.356	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

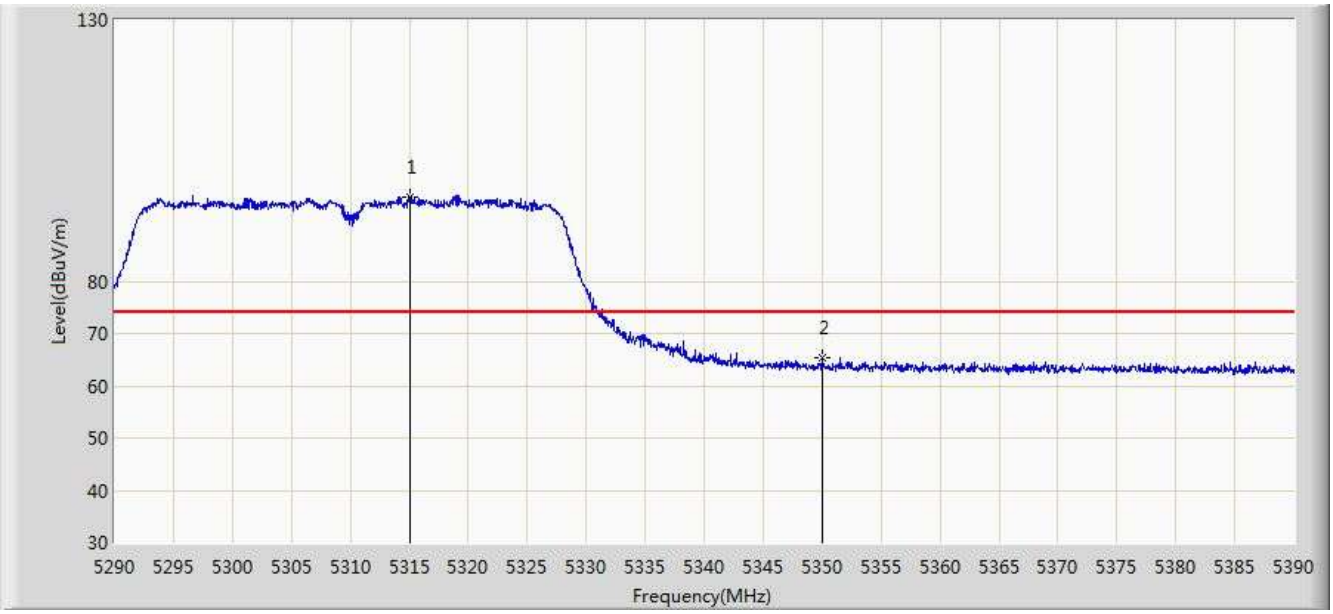
Site: AC1	Time: 2015/04/28 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11n-HT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.857	16.405	-0.143	54.000	37.452	AV
2		*	5185.700	89.299	51.939	N/A	N/A	37.359	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1+2	

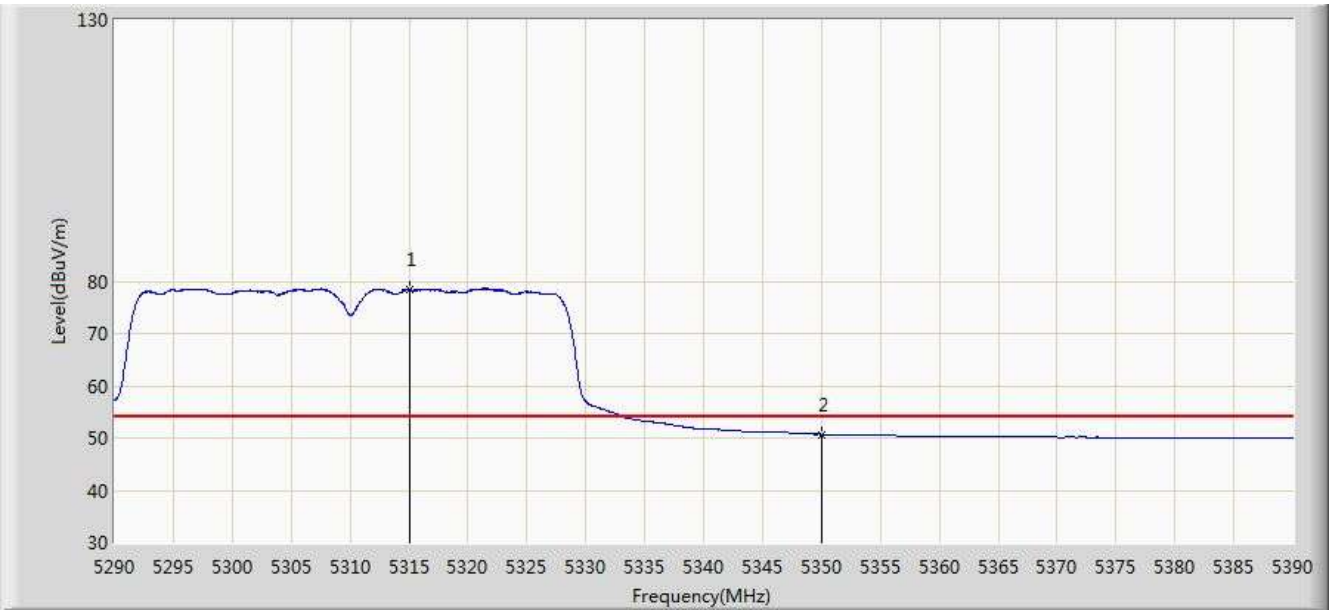


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.100	96.111	58.906	N/A	N/A	37.205	PK
2			5350.000	65.381	28.095	-8.619	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1+2	

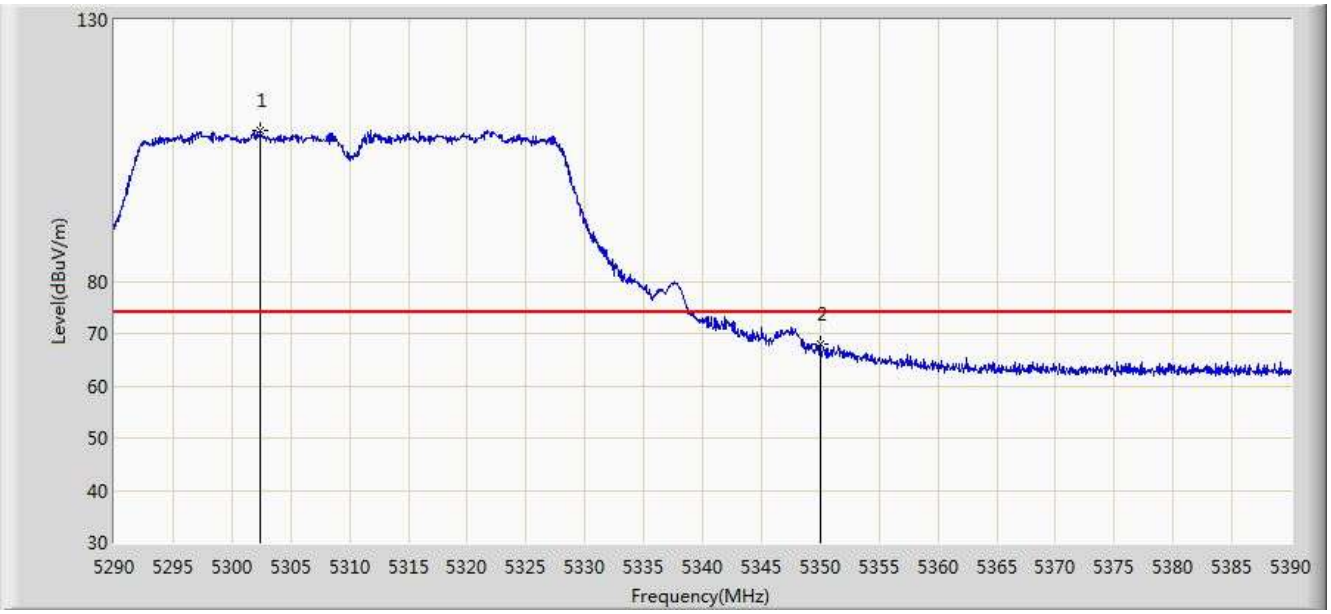


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.050	78.342	41.137	N/A	N/A	37.205	AV
2			5350.000	50.709	13.423	-3.291	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5302.400	108.743	71.554	N/A	N/A	37.189	PK
2			5350.000	67.918	30.632	-6.082	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

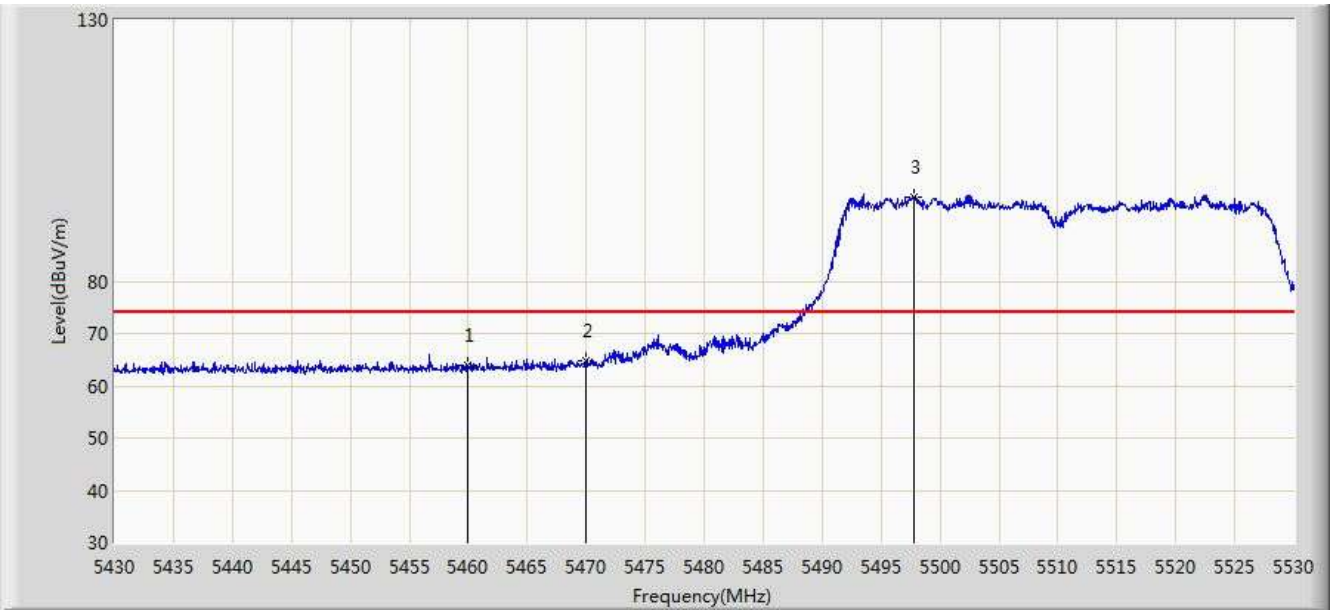
Site: AC1	Time: 2015/04/28 - 03:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11n-HT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.900	88.862	51.668	N/A	N/A	37.194	AV
2			5350.000	53.100	15.814	-0.900	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.931	26.368	-10.069	74.000	37.563	PK
2			5470.000	64.788	27.199	-9.212	74.000	37.588	PK
3		*	5497.800	96.015	58.393	N/A	N/A	37.622	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

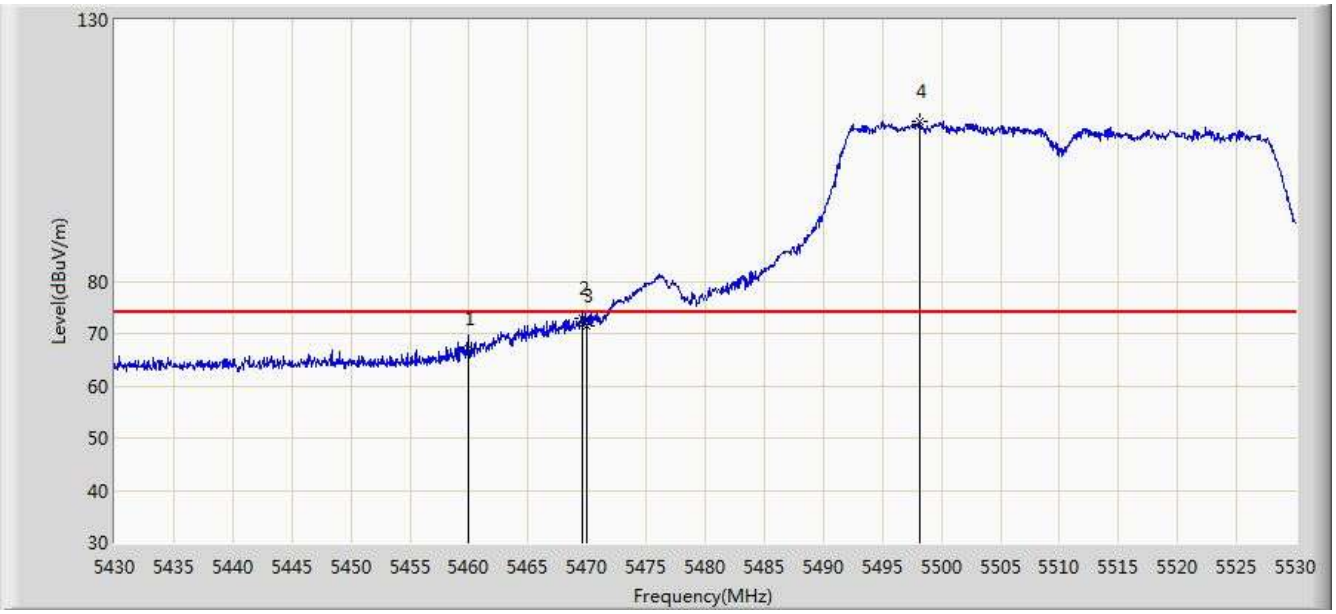
Site: AC1	Time: 2015/04/28 - 03:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.267	12.704	-3.733	54.000	37.563	AV
2			5470.000	50.874	13.285	-3.126	54.000	37.588	AV
3		*	5505.250	77.715	40.085	N/A	N/A	37.630	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1+2	

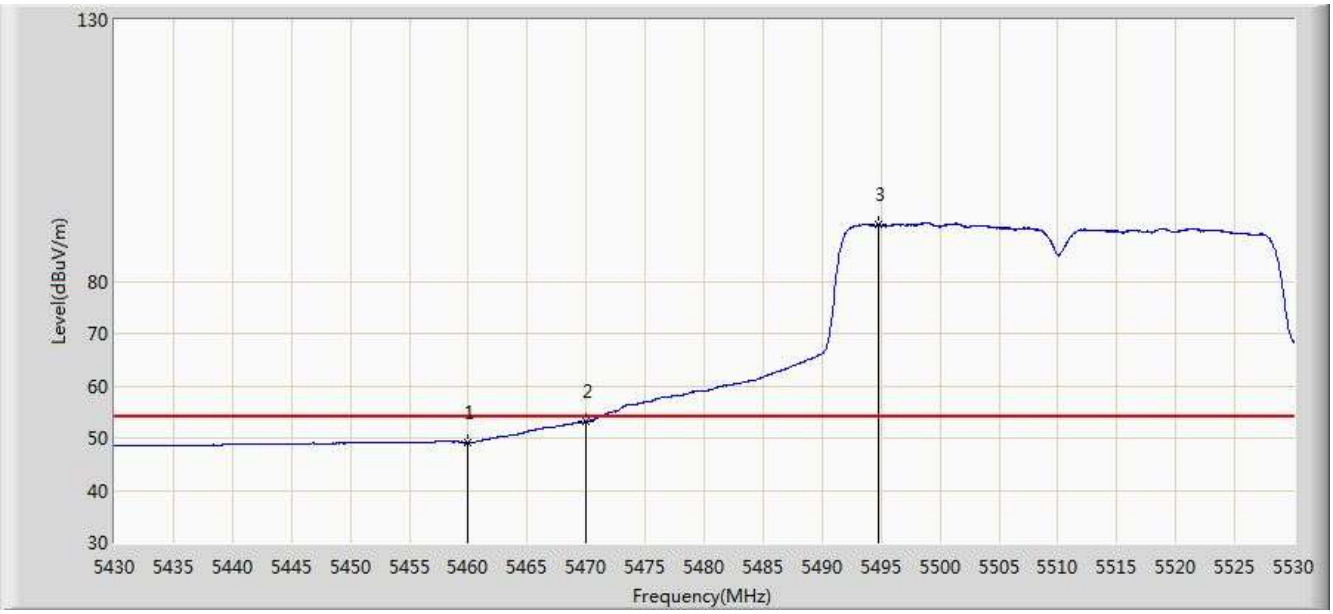


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.191	29.628	-6.809	74.000	37.563	PK
2			5469.650	73.043	35.455	-0.957	74.000	37.588	PK
3			5470.000	71.316	33.728	-2.684	74.000	37.588	PK
4		*	5498.200	110.631	73.008	N/A	N/A	37.623	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11n-HT40 Ant 0+1+2	

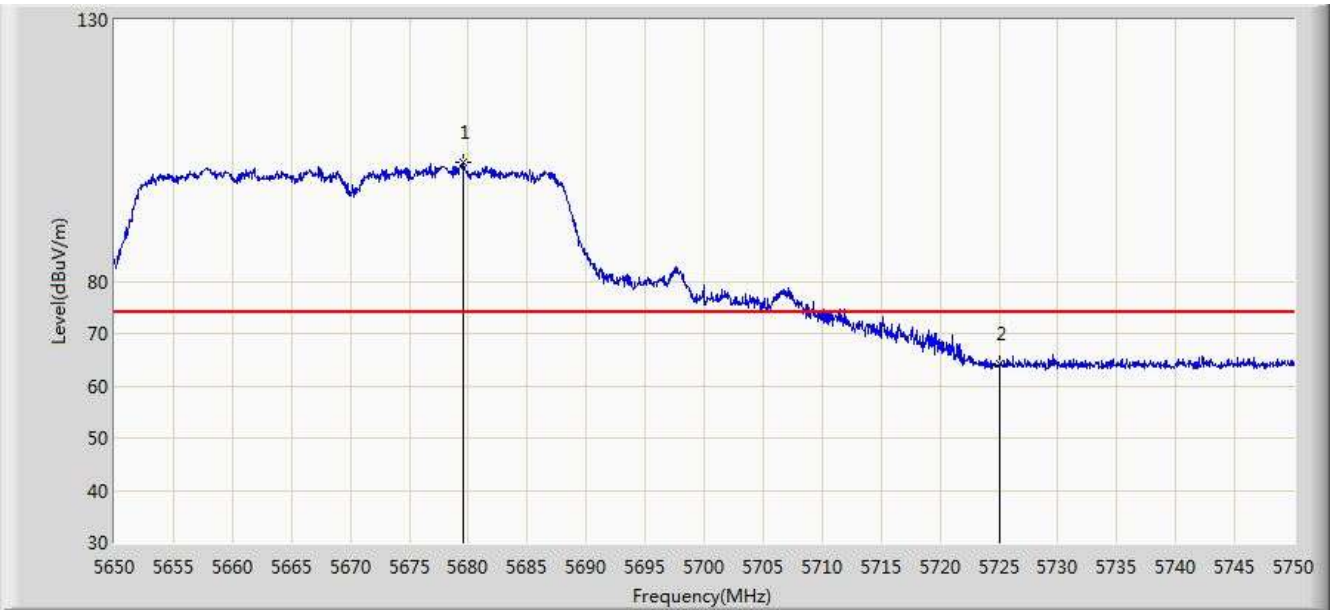


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.072	11.509	-4.928	54.000	37.563	AV
2			5470.000	53.134	15.546	-0.866	54.000	37.588	AV
3		*	5494.800	90.747	53.129	N/A	N/A	37.618	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1+2	

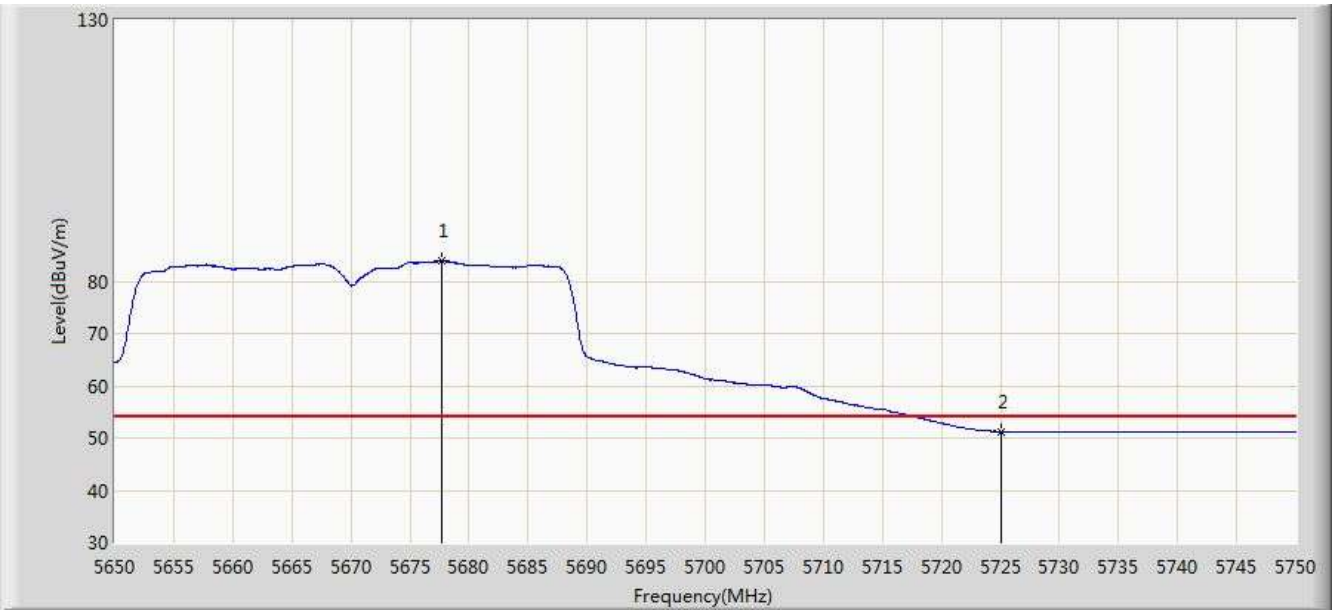


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5679.550	102.720	64.890	N/A	N/A	37.830	PK
2			5725.000	64.300	26.310	-9.700	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1+2	

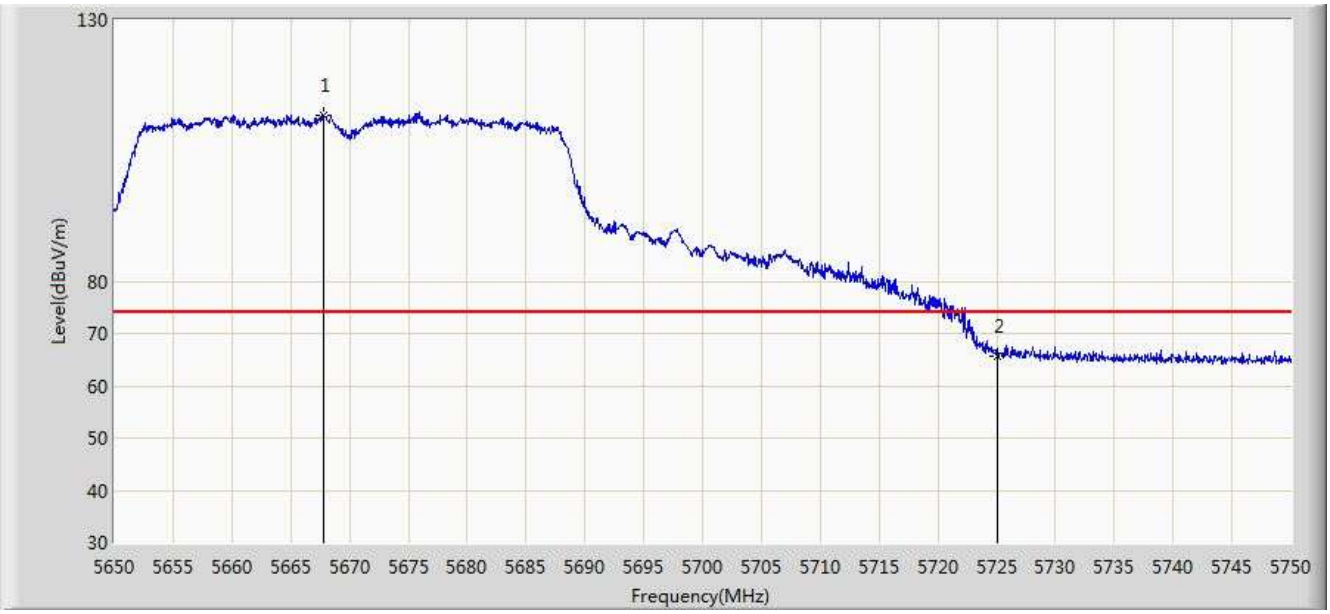


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5677.650	83.883	46.059	N/A	N/A	37.824	AV
2			5725.000	51.274	13.284	-2.726	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1+2	

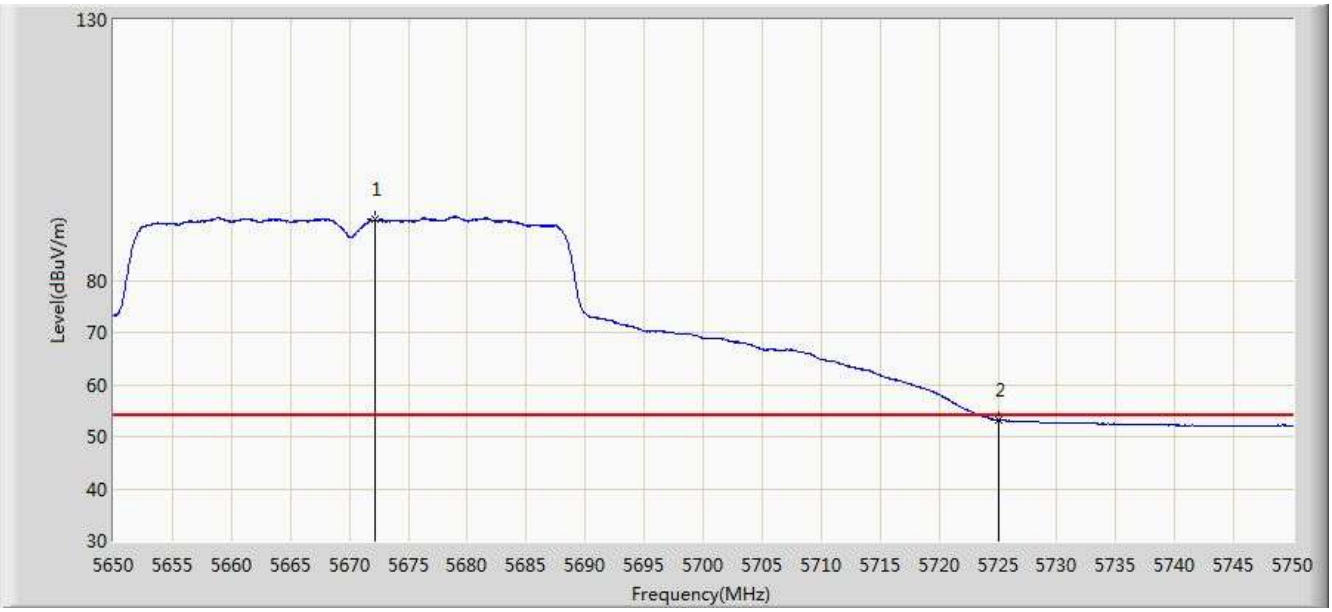


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5667.850	111.806	73.999	N/A	N/A	37.807	PK
2			5725.000	65.543	27.553	-8.457	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 03:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11n-HT40 Ant 0+1+2	

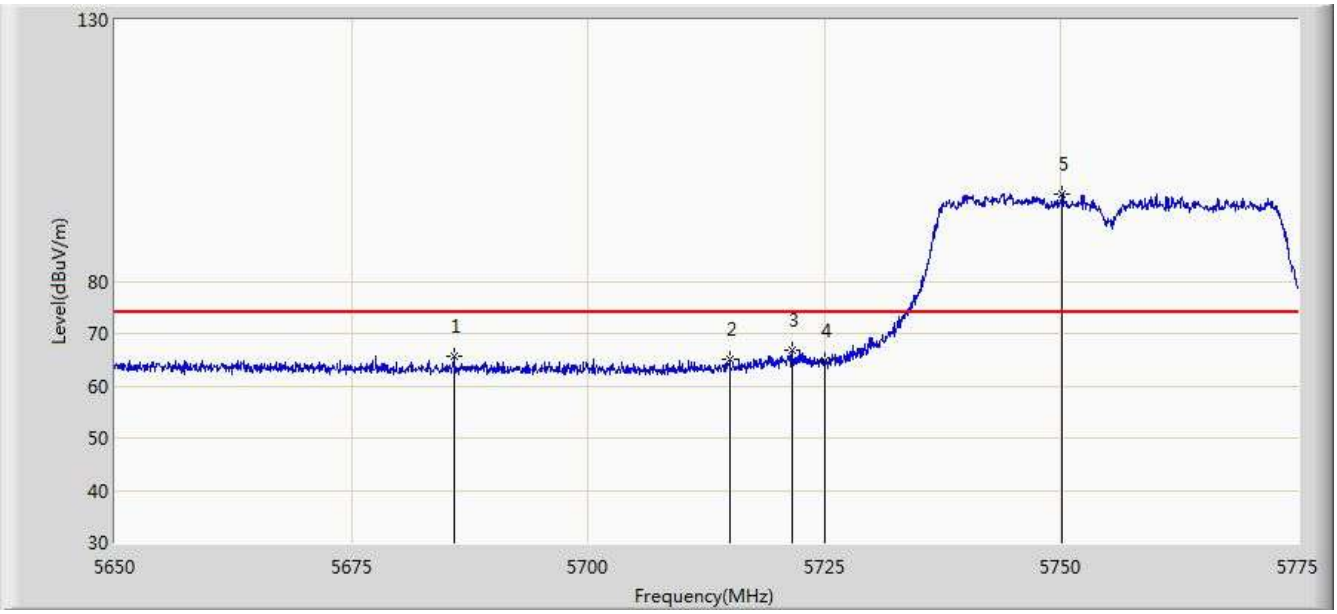


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5672.200	91.700	53.888	N/A	N/A	37.812	AV
2			5725.000	53.185	15.195	-0.815	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1+2	

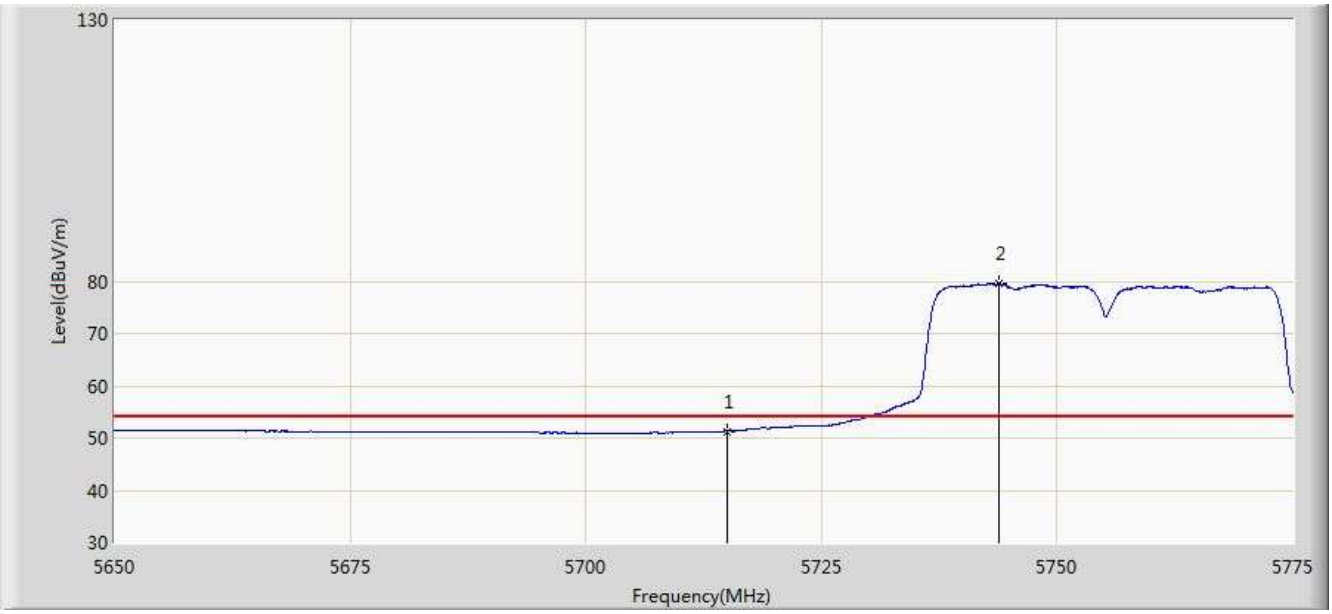


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5685.812	65.786	27.936	-8.214	74.000	37.850	PK
2			5715.000	65.021	27.072	-8.979	74.000	37.949	PK
3			5721.625	66.811	28.835	-11.389	78.200	37.976	PK
4			5725.000	64.886	26.896	-13.314	78.200	37.990	PK
5		*	5750.125	96.657	58.561	N/A	N/A	38.097	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1+2	

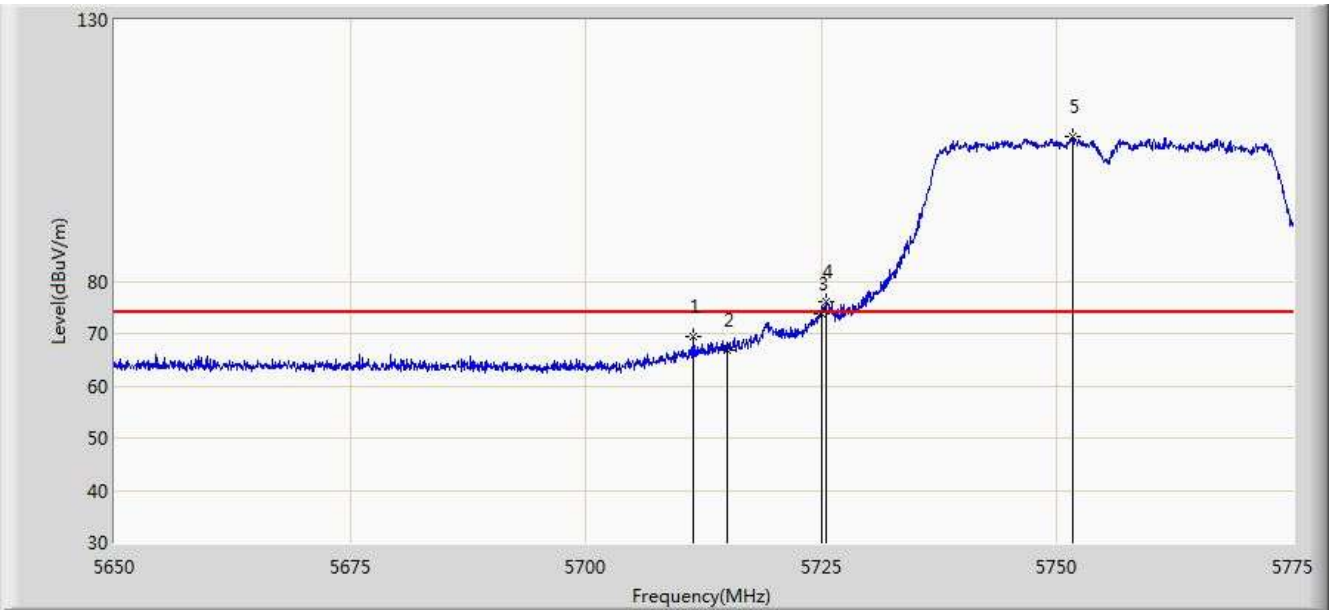


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.299	13.350	-2.701	54.000	37.949	AV
2		*	5743.812	79.574	41.508	N/A	N/A	38.066	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1+2	

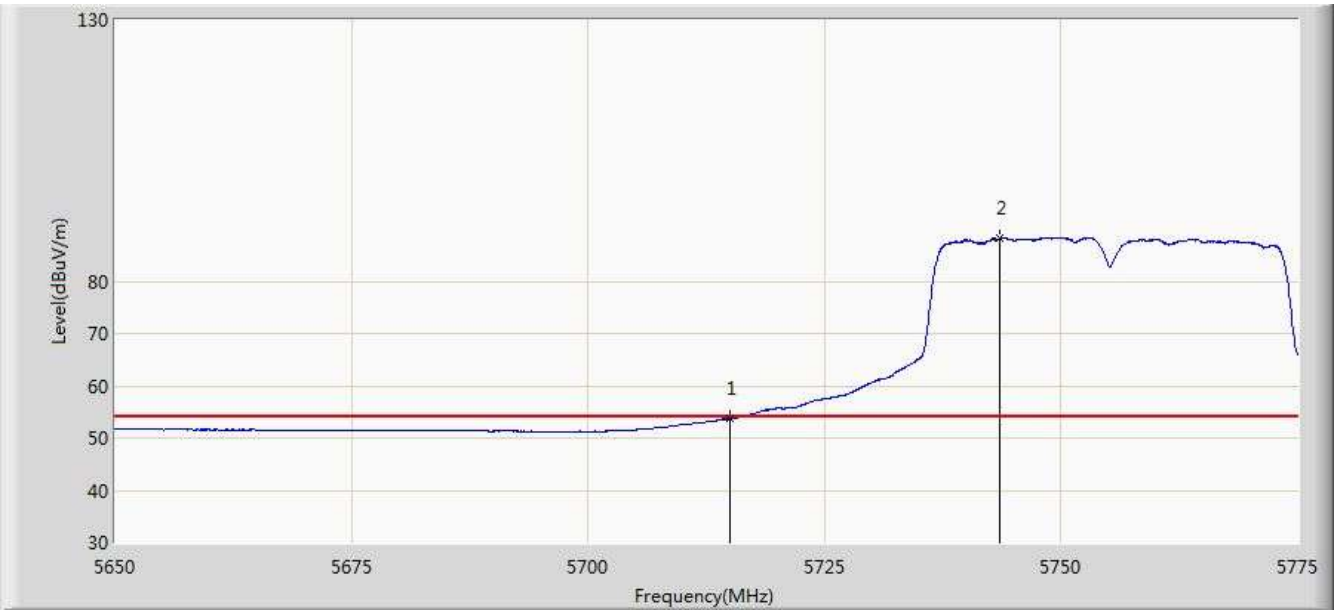


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.437	69.350	31.415	-4.650	74.000	37.935	PK
2			5715.000	66.941	28.992	-7.059	74.000	37.949	PK
3			5725.000	73.780	35.790	-4.420	78.200	37.990	PK
4			5725.437	76.090	38.099	-2.110	78.200	37.992	PK
5		*	5751.687	107.801	69.697	N/A	N/A	38.104	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11n40 Ant 0+1+2	

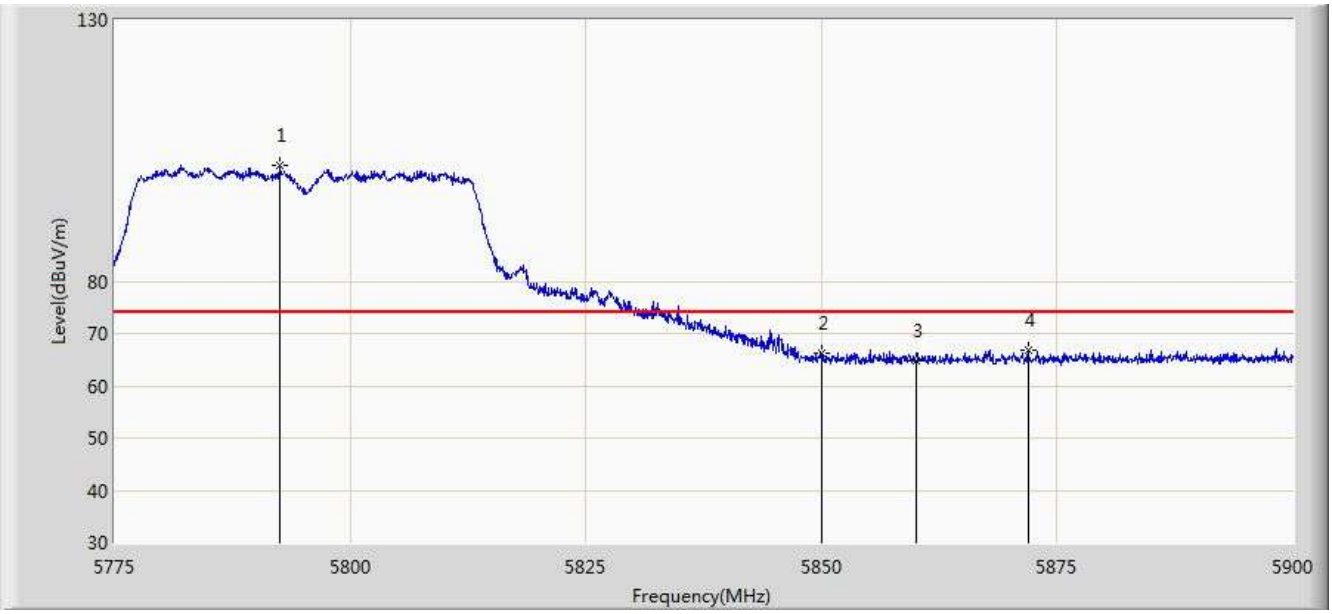


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.690	15.741	-0.310	54.000	37.949	AV
2		*	5743.562	88.254	50.189	N/A	N/A	38.065	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1+2	

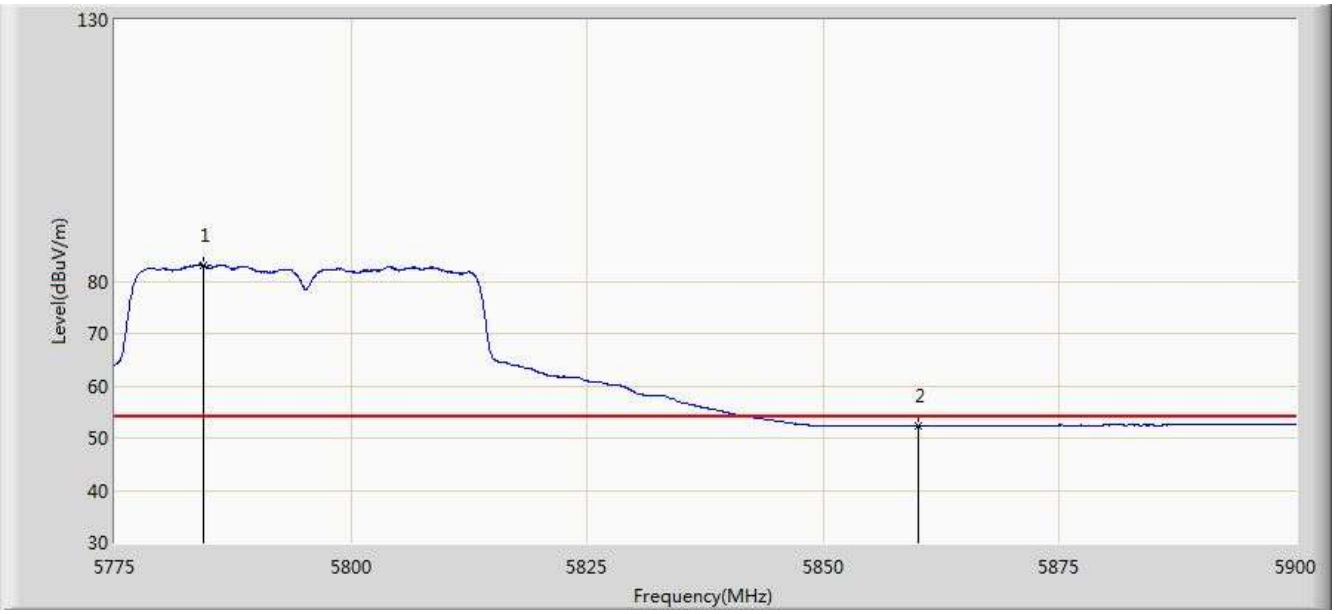


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5792.500	102.046	63.806	N/A	N/A	38.240	PK
2			5850.000	66.199	27.746	-12.001	78.200	38.454	PK
3			5860.000	64.836	26.358	-9.164	74.000	38.478	PK
4			5871.937	66.926	28.433	-7.074	74.000	38.494	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1+2	

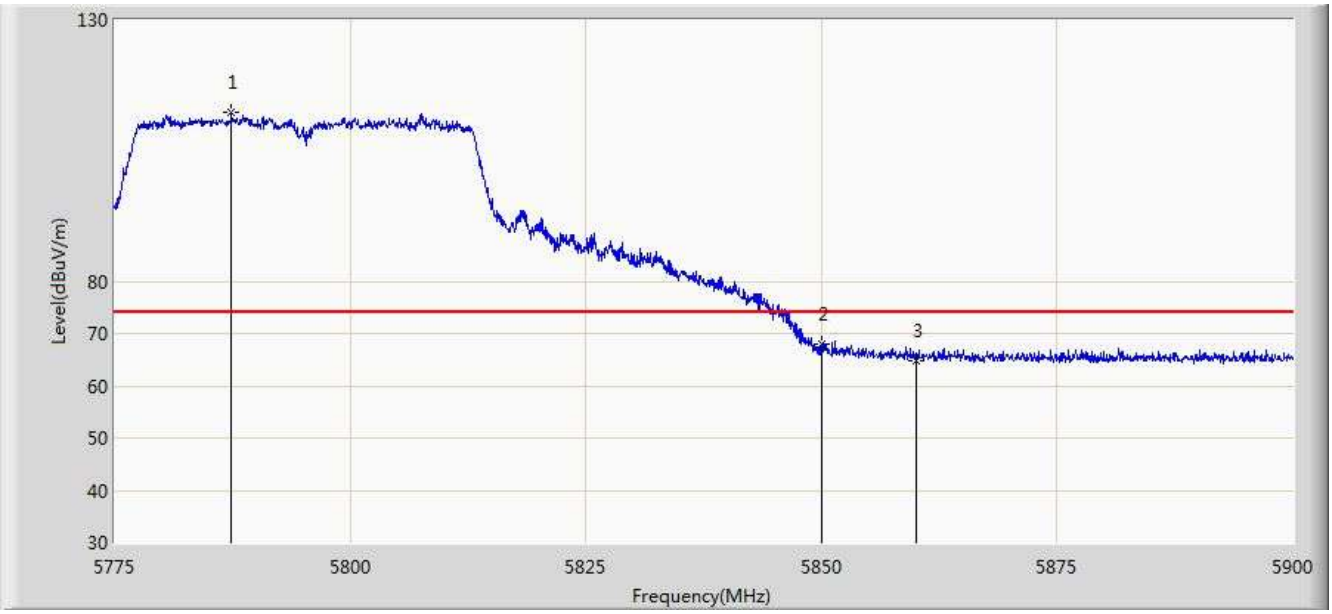


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.437	82.960	44.750	N/A	N/A	38.210	AV
2			5860.000	52.357	13.879	-1.643	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1+2	

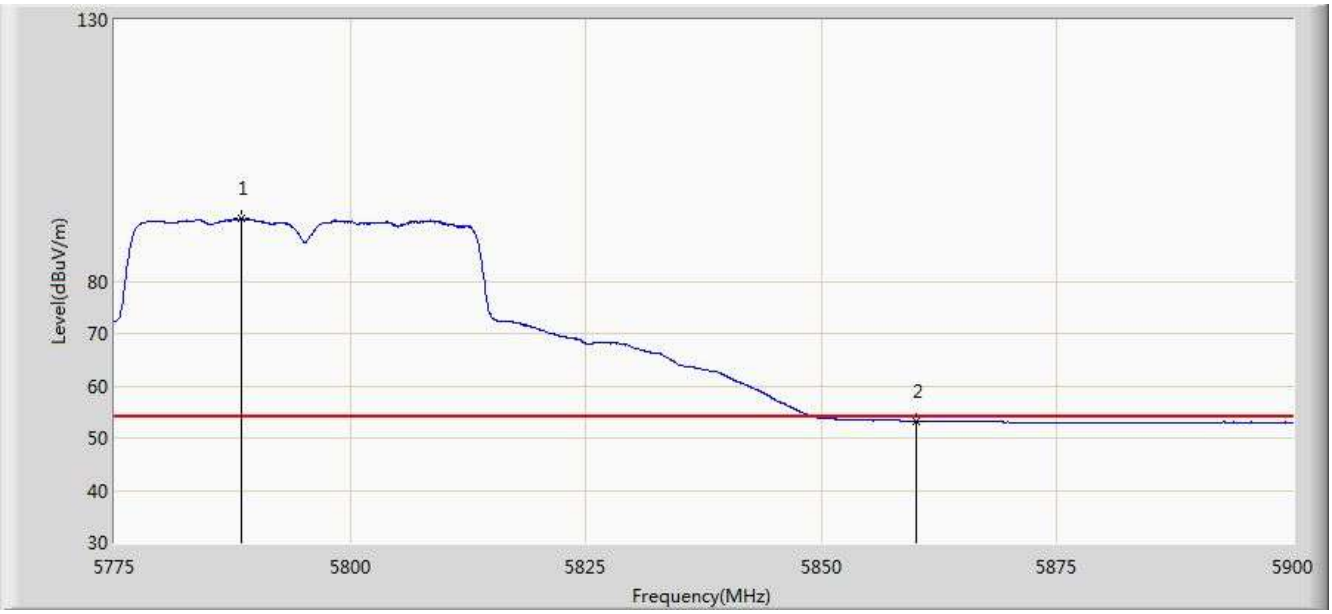


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.437	112.270	74.049	N/A	N/A	38.222	PK
2			5850.000	68.019	29.566	-10.181	78.200	38.454	PK
3			5860.000	64.801	26.323	-9.199	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11n40 Ant 0+1+2	

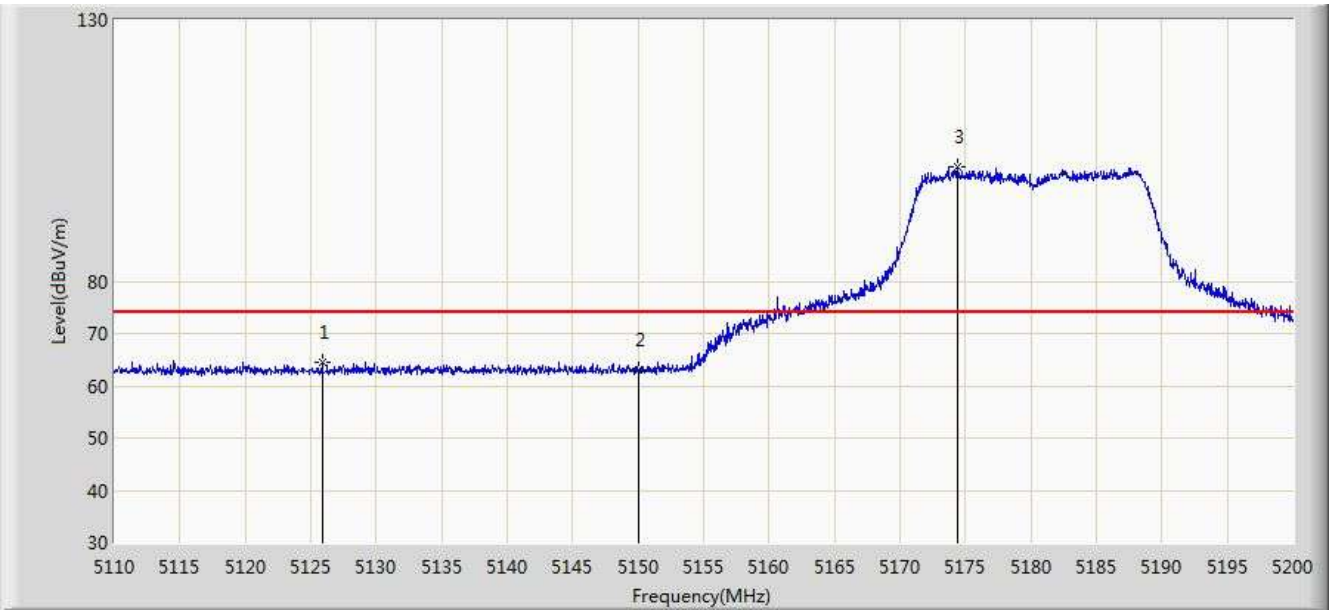


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.437	91.962	53.737	N/A	N/A	38.225	AV
2			5860.000	53.245	14.767	-0.755	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1+2	

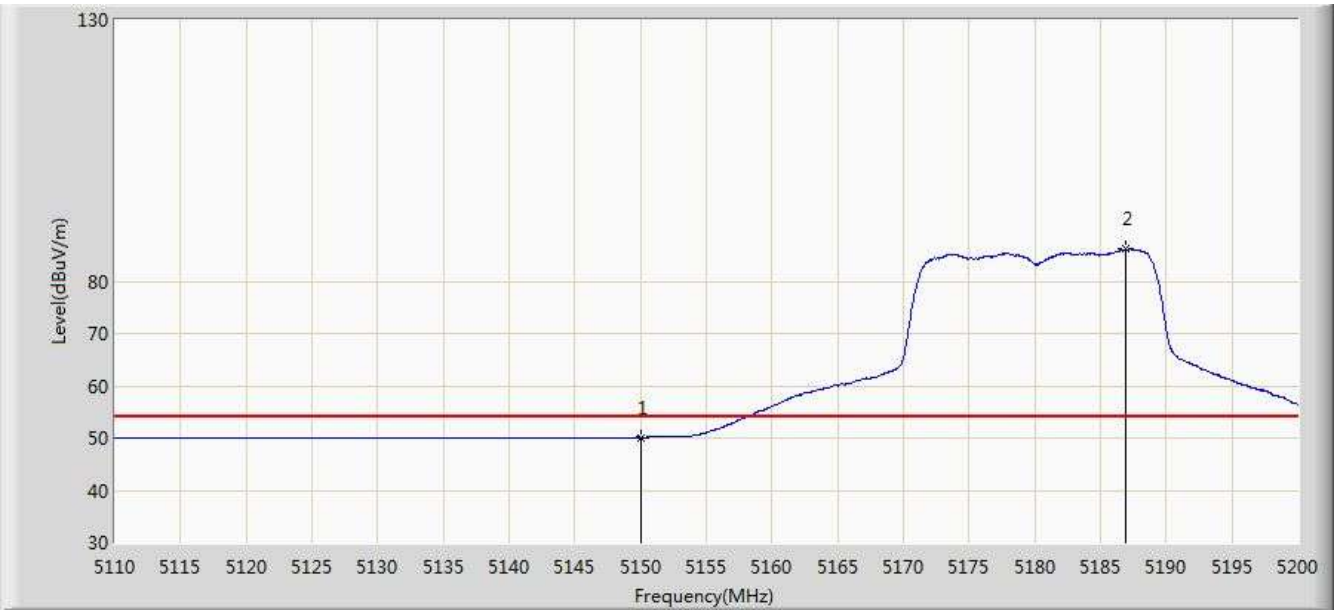


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5125.885	64.629	27.151	-9.371	74.000	37.478	PK
2			5150.000	62.986	25.534	-11.014	74.000	37.452	PK
3		*	5174.440	101.816	64.430	N/A	N/A	37.386	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1+2	

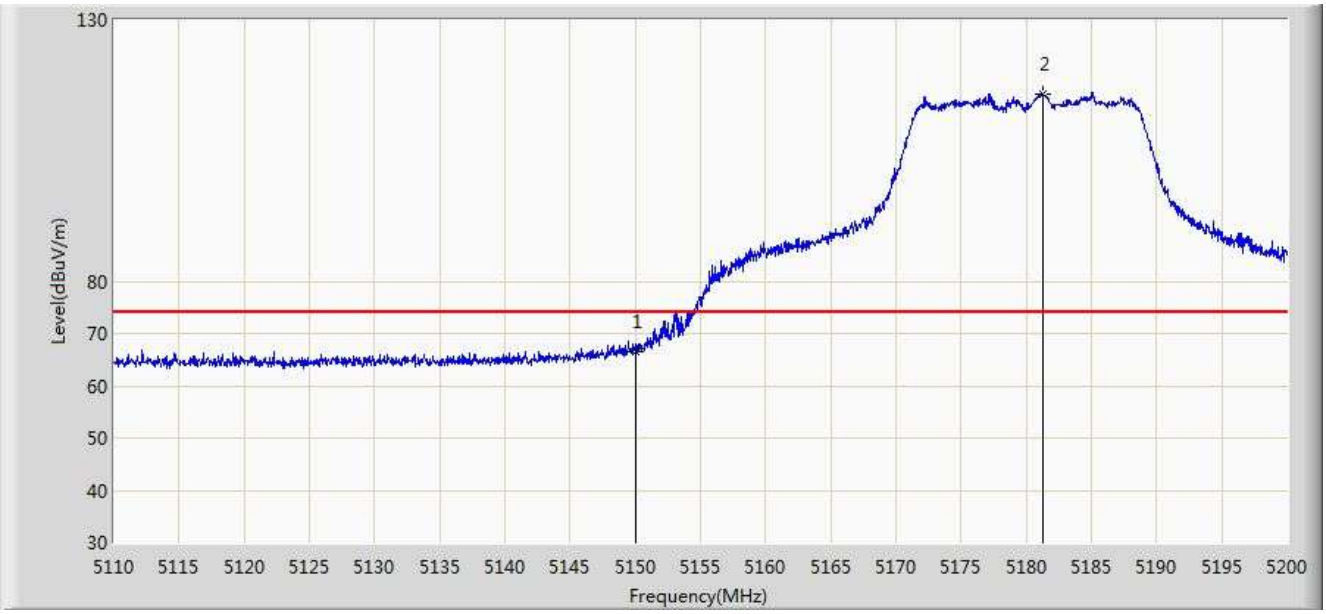


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.131	12.679	-3.869	54.000	37.452	AV
2		*	5186.905	86.090	48.733	N/A	N/A	37.356	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.654	29.202	-7.346	74.000	37.452	PK
2		*	5181.325	115.709	78.338	N/A	N/A	37.371	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

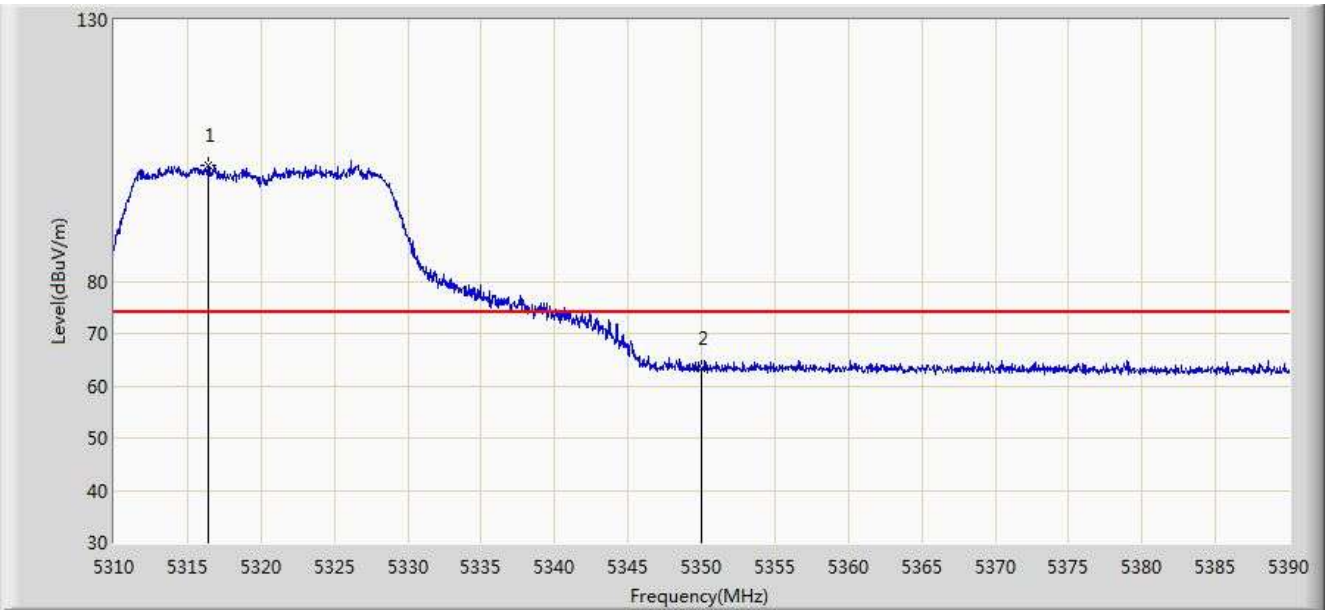
Site: AC1	Time: 2015/04/28 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.222	15.770	-0.778	54.000	37.452	AV
2		*	5181.280	98.223	60.852	N/A	N/A	37.371	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1+2	

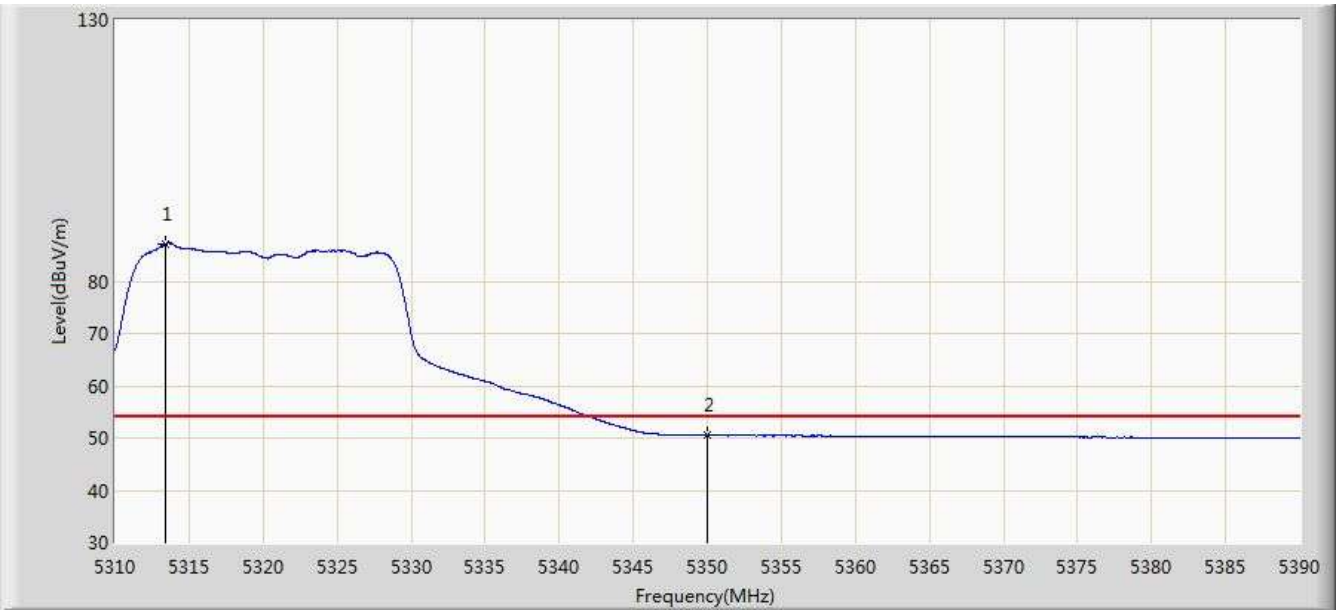


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.400	102.035	64.828	N/A	N/A	37.207	PK
2			5350.000	63.231	25.945	-10.769	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1+2	

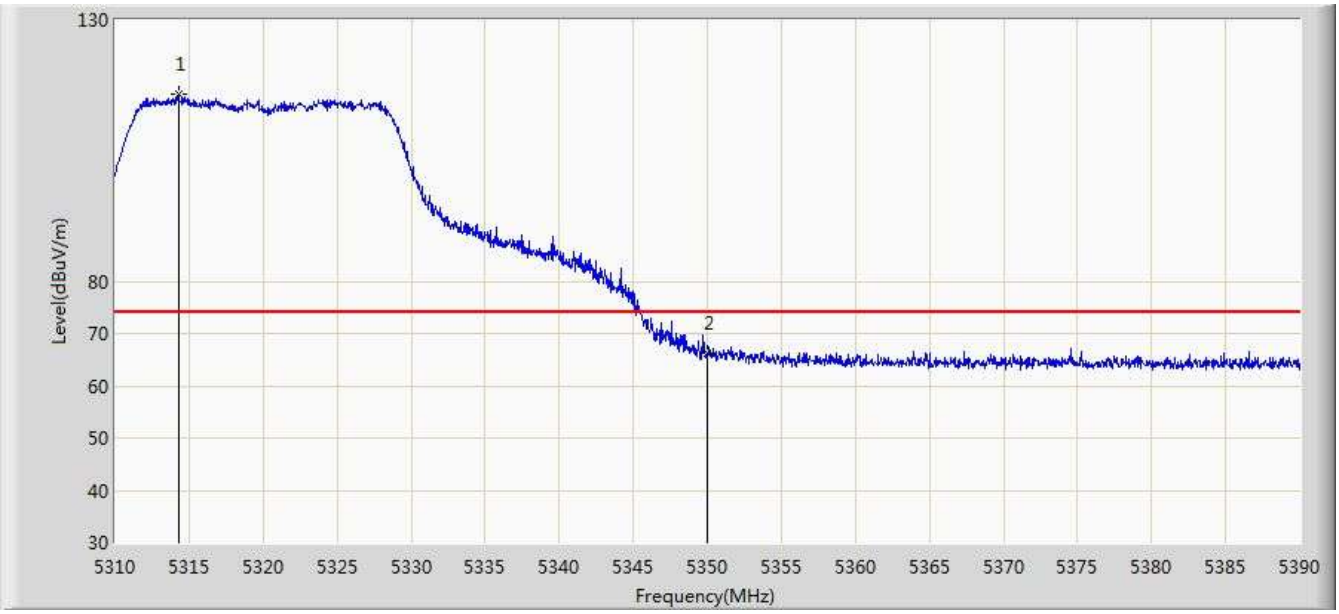


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.440	87.171	49.969	N/A	N/A	37.202	AV
2			5350.000	50.502	13.216	-3.498	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1+2	

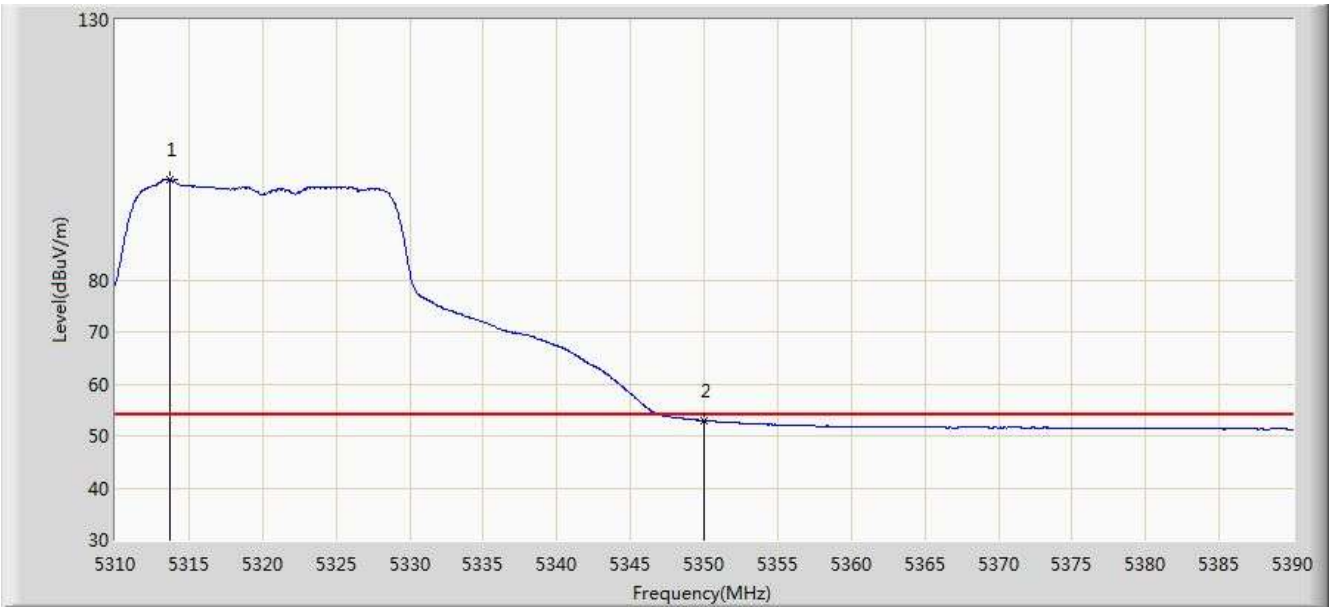


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.320	115.925	78.722	N/A	N/A	37.203	PK
2			5350.000	66.275	28.989	-7.725	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11ac-VHT20 Ant 0+1+2	

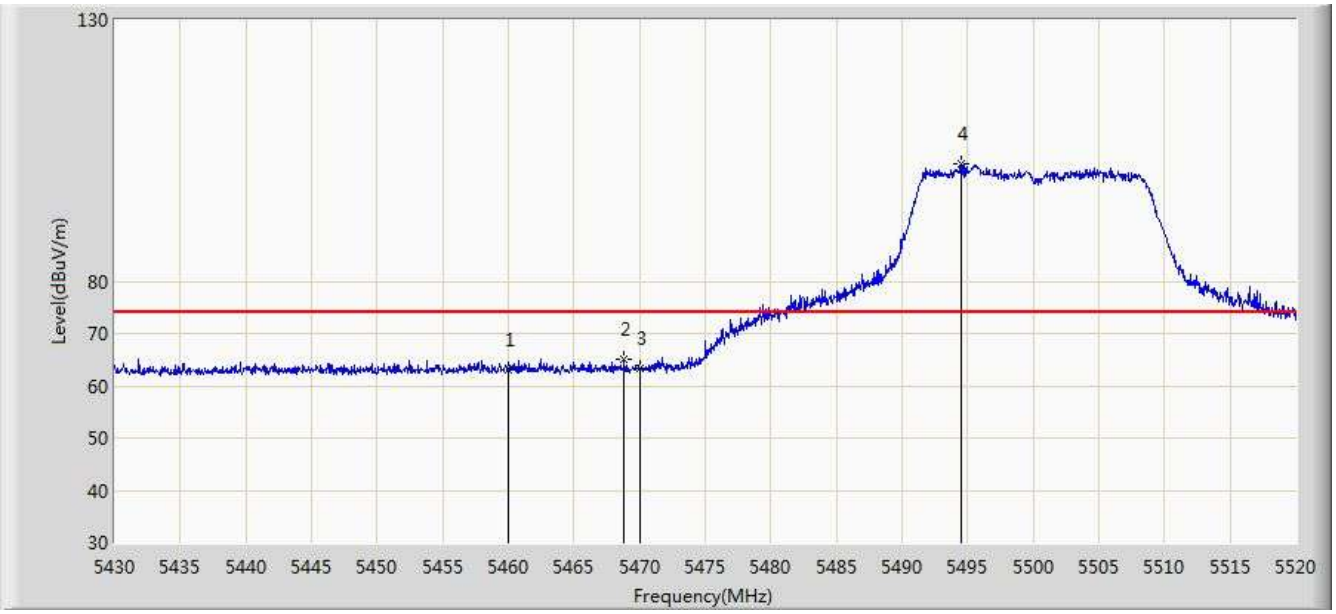


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.680	99.365	62.163	N/A	N/A	37.202	AV
2			5350.000	52.914	15.628	-1.086	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1+2	

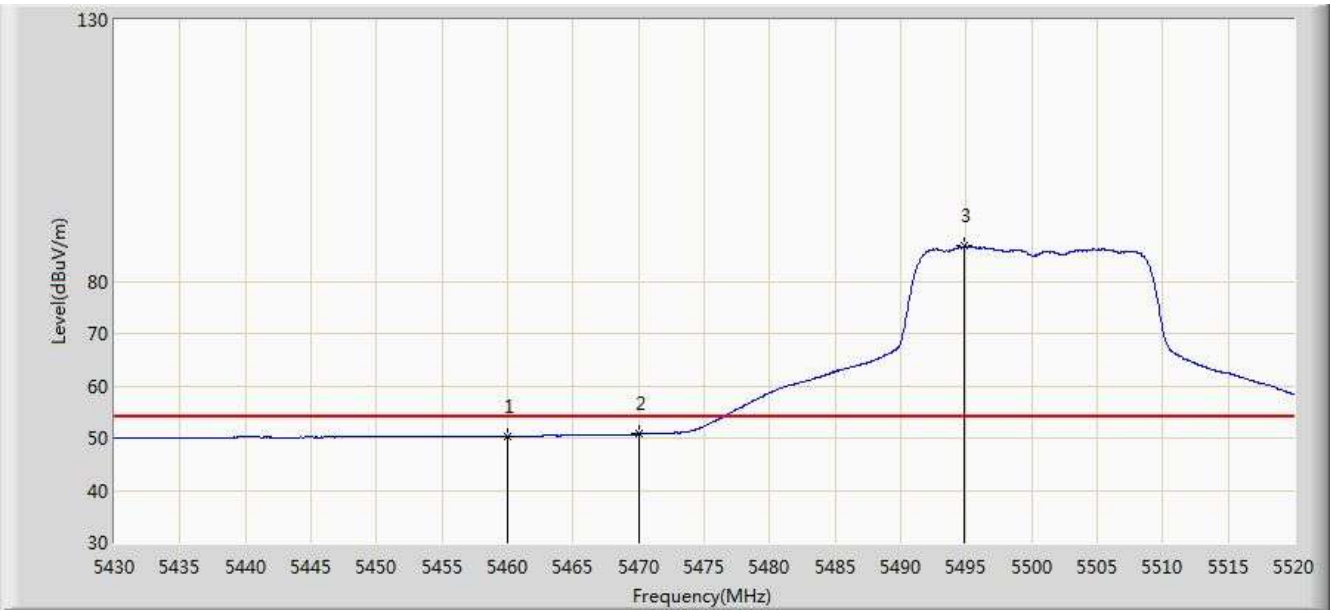


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.184	25.621	-10.816	74.000	37.563	PK
2			5468.790	65.124	27.539	-8.876	74.000	37.585	PK
3			5470.000	63.194	25.605	-10.806	74.000	37.588	PK
4		*	5494.485	102.606	64.988	N/A	N/A	37.618	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1+2	

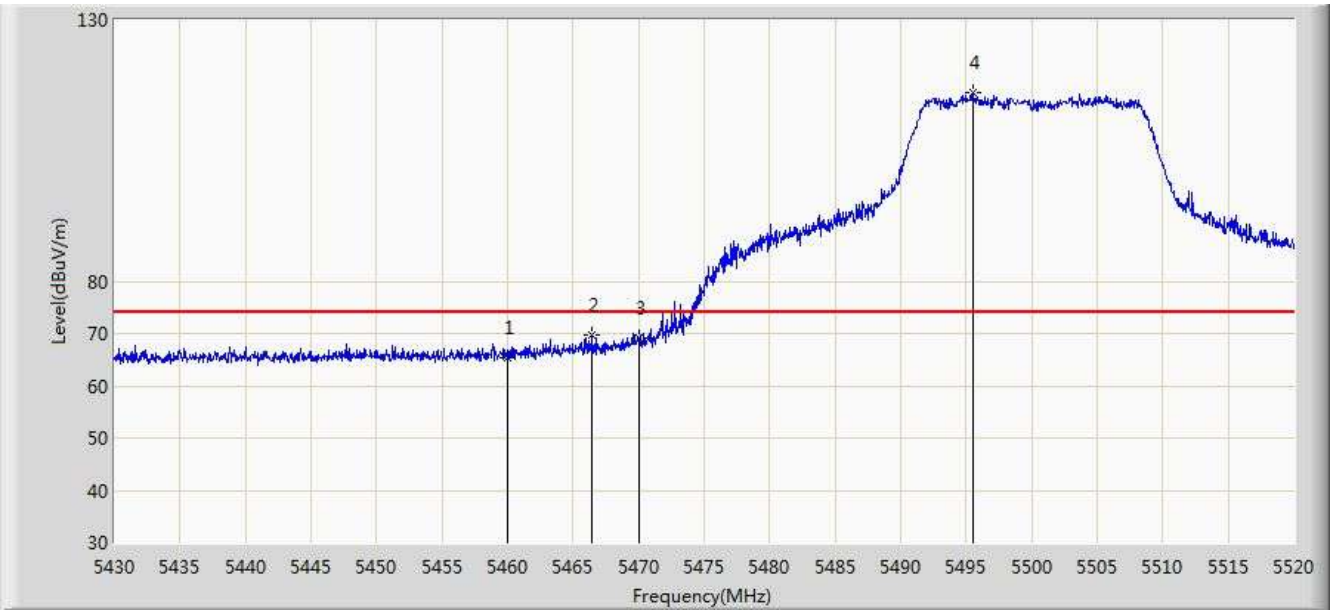


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.373	12.810	-3.627	54.000	37.563	AV
2			5470.000	50.738	13.149	-3.262	54.000	37.588	AV
3		*	5494.890	86.717	49.098	N/A	N/A	37.618	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1+2	

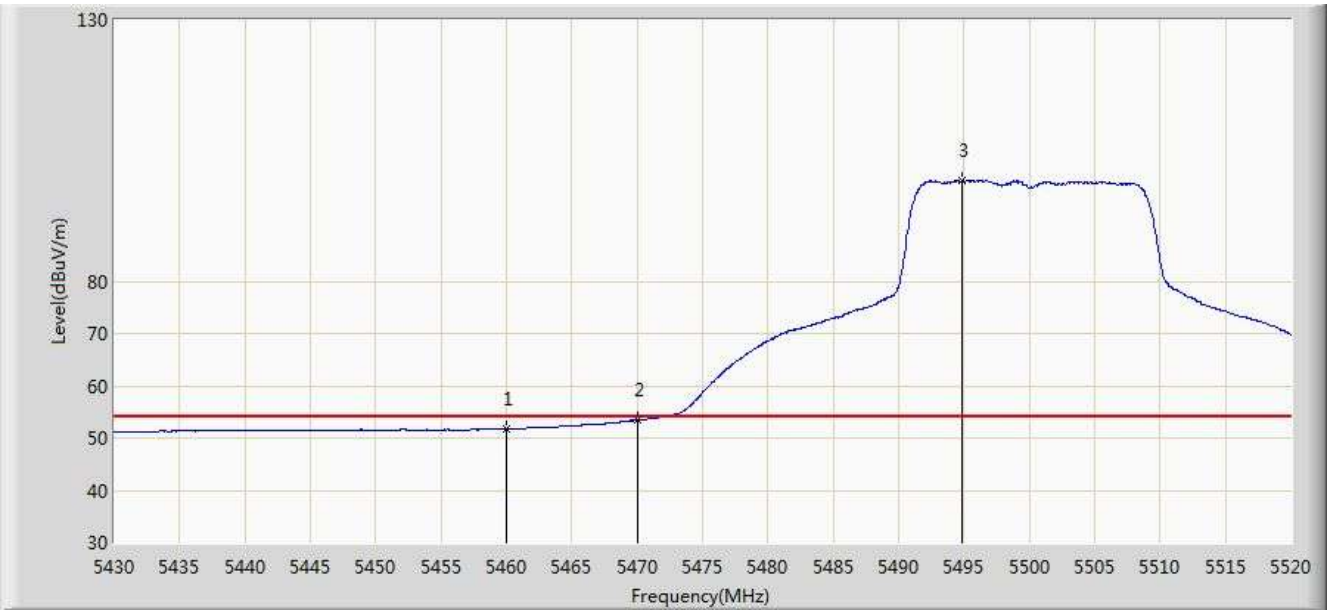


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.304	27.741	-8.696	74.000	37.563	PK
2			5466.450	69.646	32.067	-4.354	74.000	37.580	PK
3			5470.000	69.018	31.429	-4.982	74.000	37.588	PK
4		*	5495.475	115.963	78.344	N/A	N/A	37.619	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5500MHz by 802.11ac-VHT20 Ant 0+1+2	

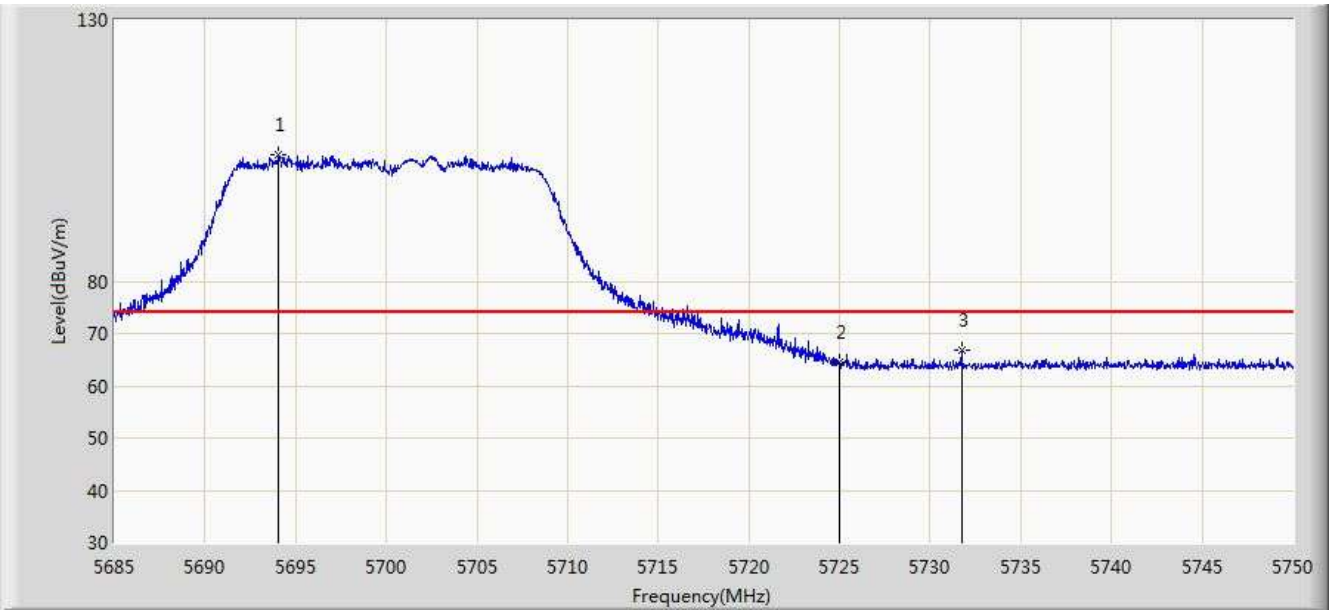


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.757	14.194	-2.243	54.000	37.563	AV
2			5470.000	53.445	15.857	-0.555	54.000	37.588	AV
3		*	5494.890	99.239	61.621	N/A	N/A	37.618	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1+2	

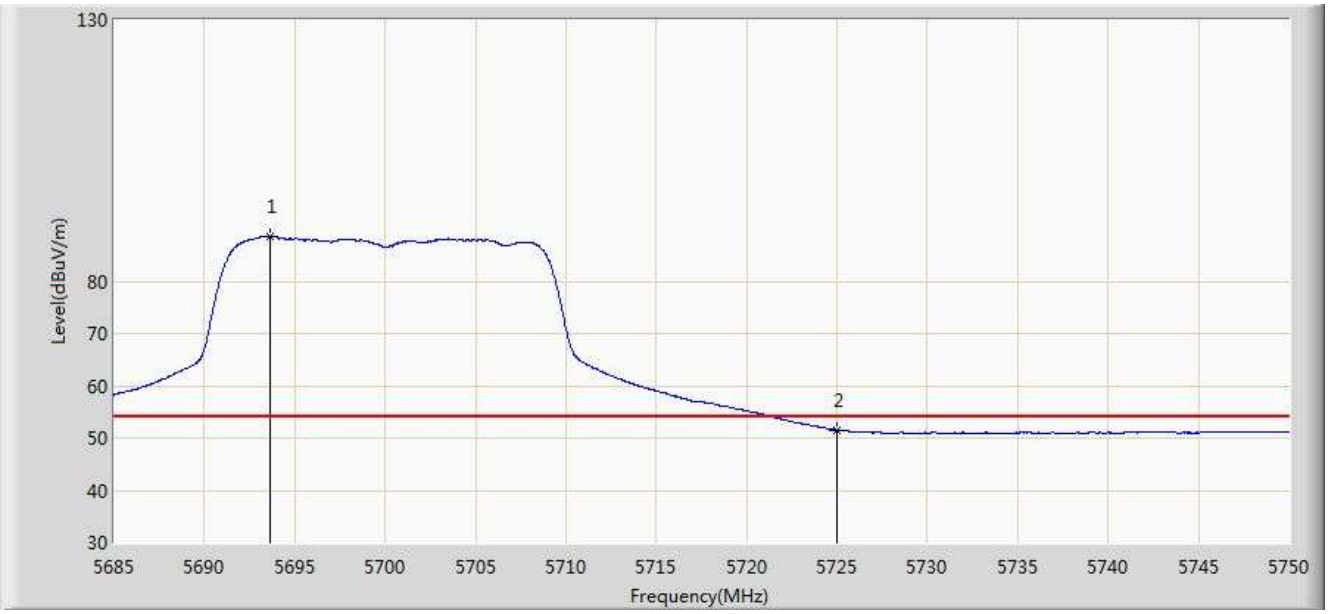


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.067	104.299	66.421	N/A	N/A	37.878	PK
2			5725.000	64.456	26.466	-9.544	74.000	37.990	PK
3			5731.735	66.922	28.905	-7.078	74.000	38.018	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1+2	

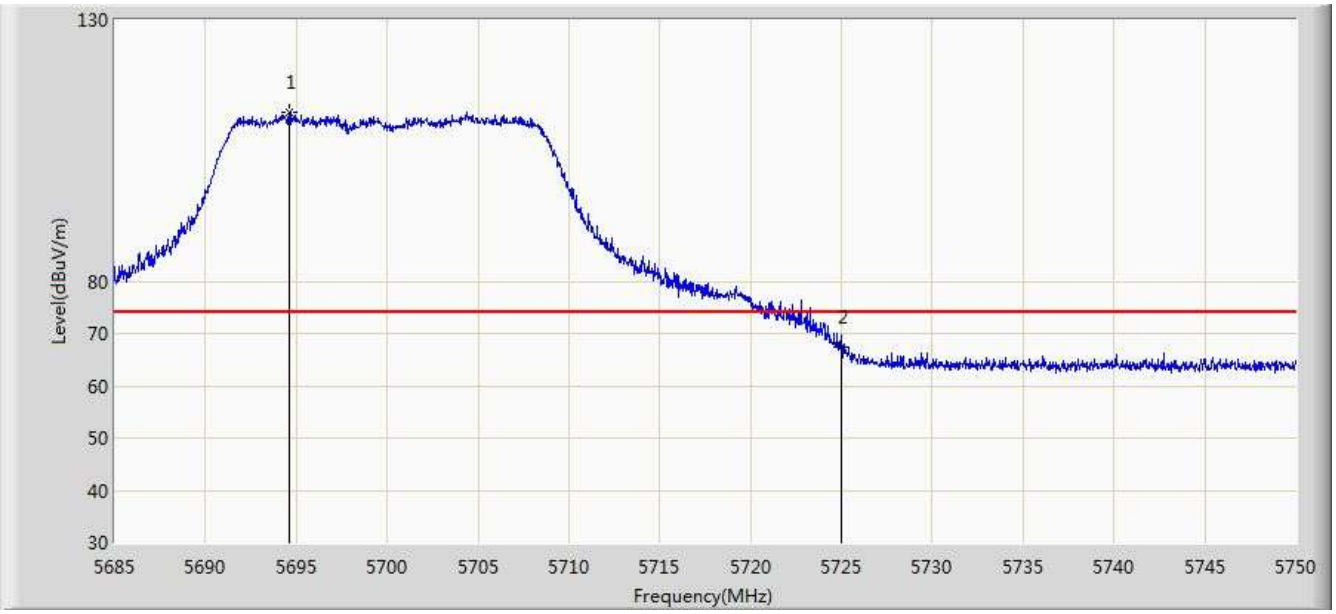


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.645	88.689	50.813	N/A	N/A	37.877	AV
2			5725.000	51.550	13.560	-2.450	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1+2	

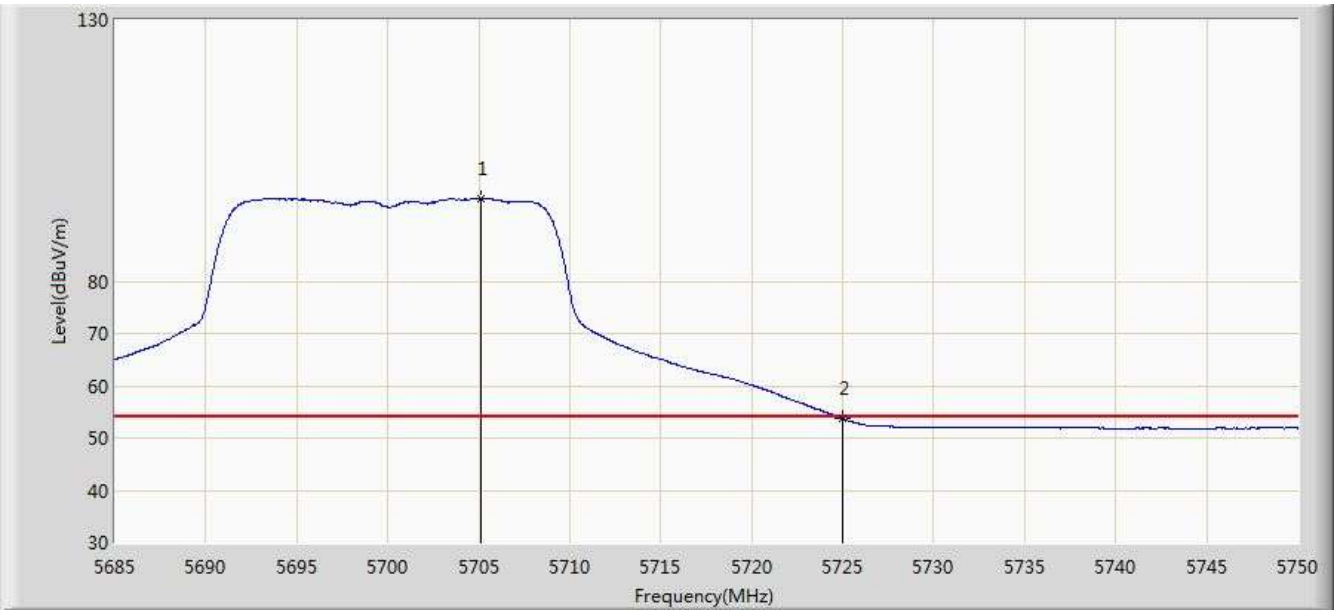


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.652	112.182	74.303	N/A	N/A	37.879	PK
2			5725.000	67.399	29.409	-6.601	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 04:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5700MHz by 802.11ac-VHT20 Ant 0+1+2	

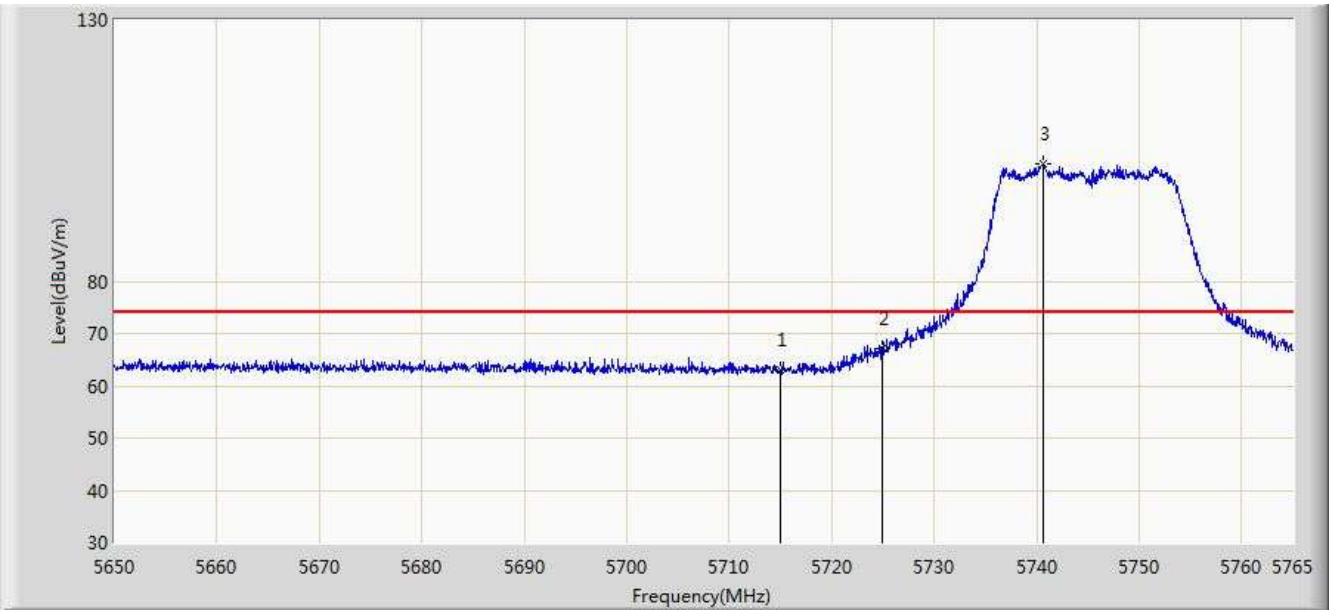


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.085	95.686	57.778	N/A	N/A	37.908	AV
2			5725.000	53.716	15.726	-0.284	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1+2	

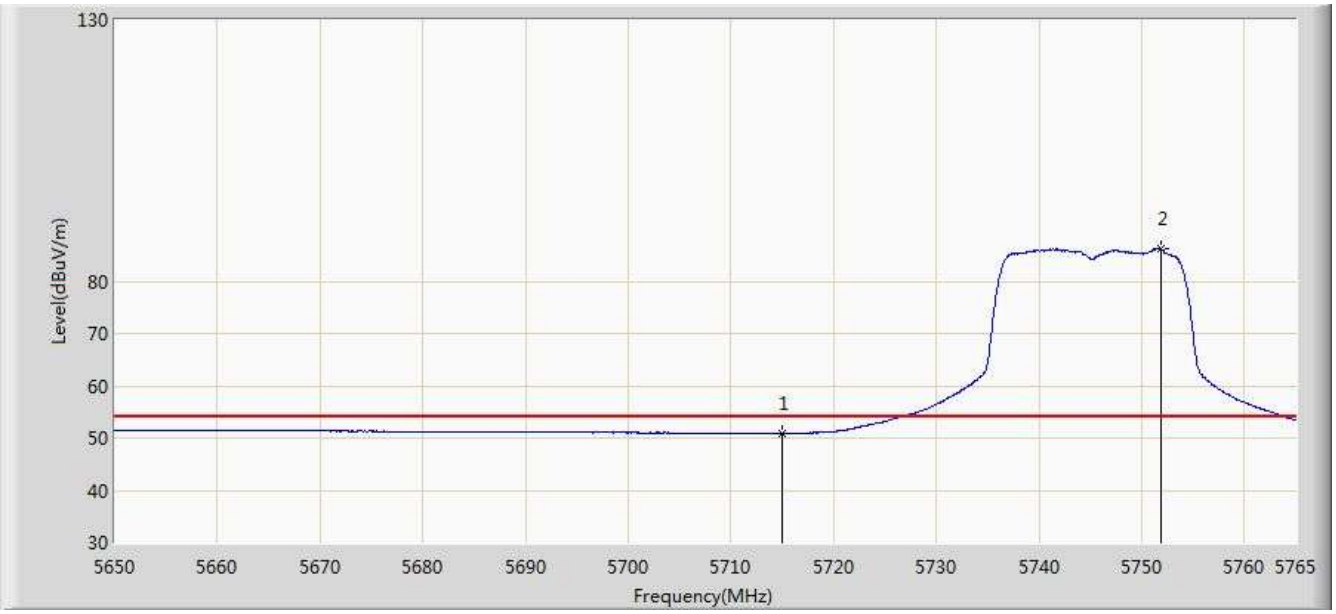


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.923	24.974	-11.077	74.000	37.949	PK
2			5725.000	67.080	29.090	-11.120	78.200	37.990	PK
3		*	5740.620	102.370	64.317	N/A	N/A	38.053	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1+2	

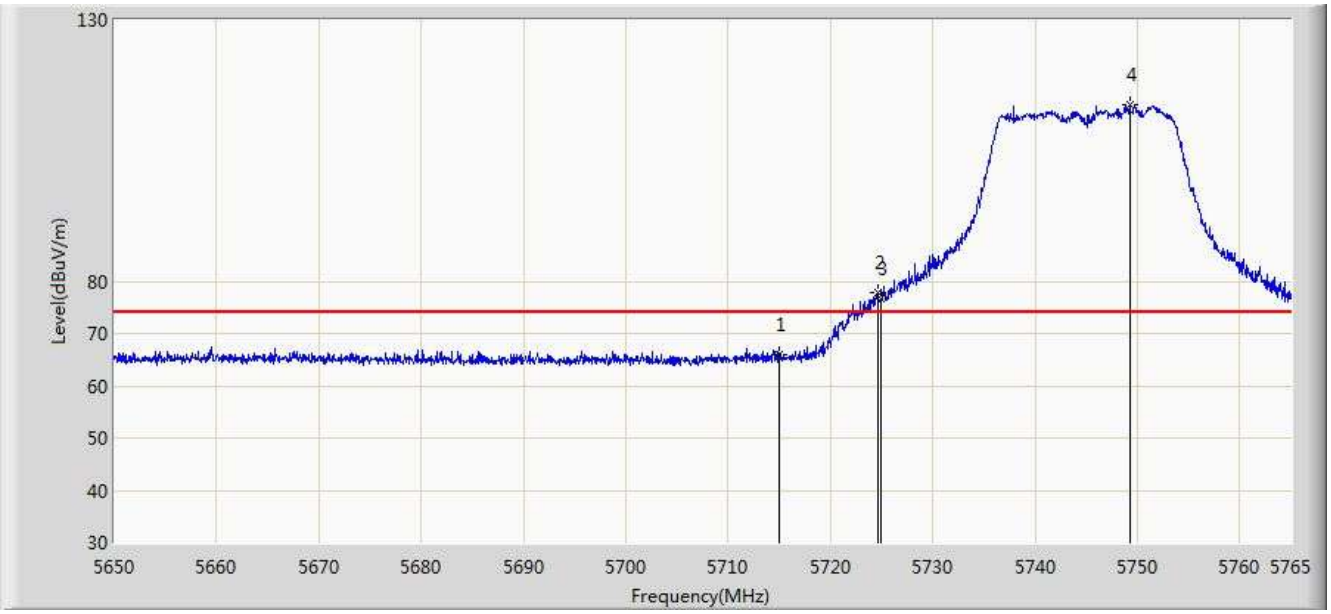


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.969	13.020	-3.031	54.000	37.949	AV
2		*	5751.890	86.261	48.156	N/A	N/A	38.105	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1+2	

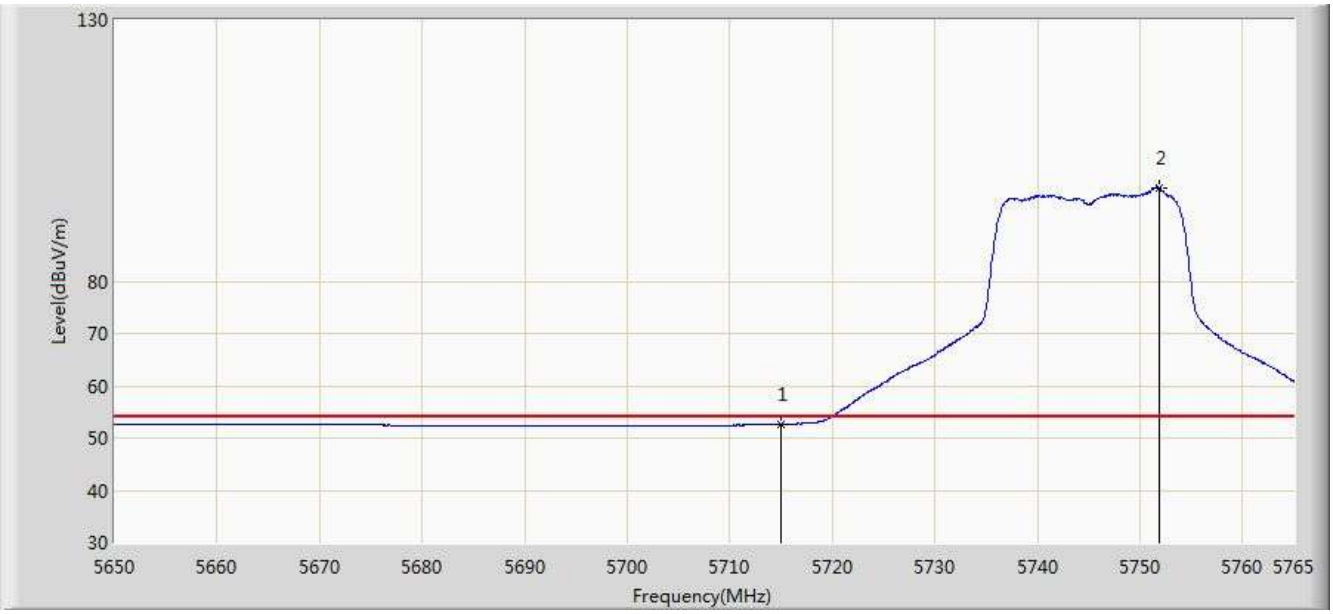


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.806	27.857	-8.194	74.000	37.949	PK
2			5724.578	77.766	39.778	-0.434	78.200	37.988	PK
3			5725.000	76.618	38.628	-1.582	78.200	37.990	PK
4		*	5749.245	113.813	75.721	N/A	N/A	38.092	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5745MHz by 802.11ac20 Ant 0+1+2	

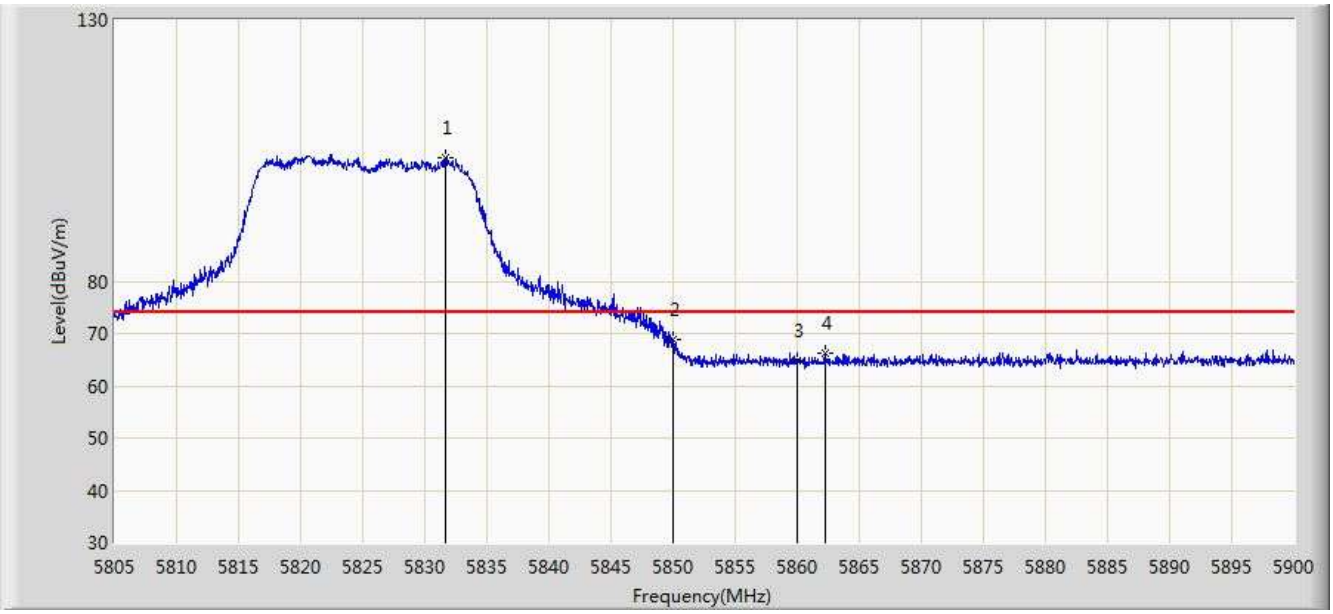


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.646	14.697	-1.354	54.000	37.949	AV
2		*	5751.890	97.869	59.764	N/A	N/A	38.105	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1+2	

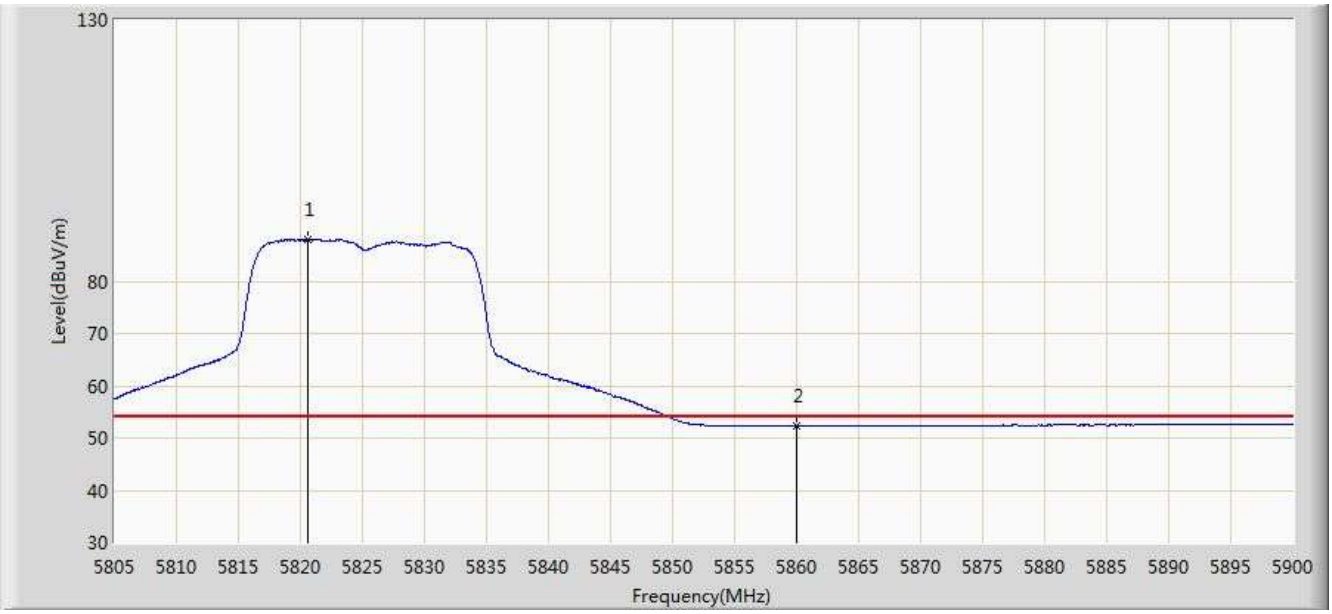


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.647	103.603	65.219	N/A	N/A	38.383	PK
2			5850.000	68.769	30.316	-9.431	78.200	38.454	PK
3			5860.000	64.781	26.303	-9.219	74.000	38.478	PK
4			5862.237	66.203	27.720	-7.797	74.000	38.483	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1+2	

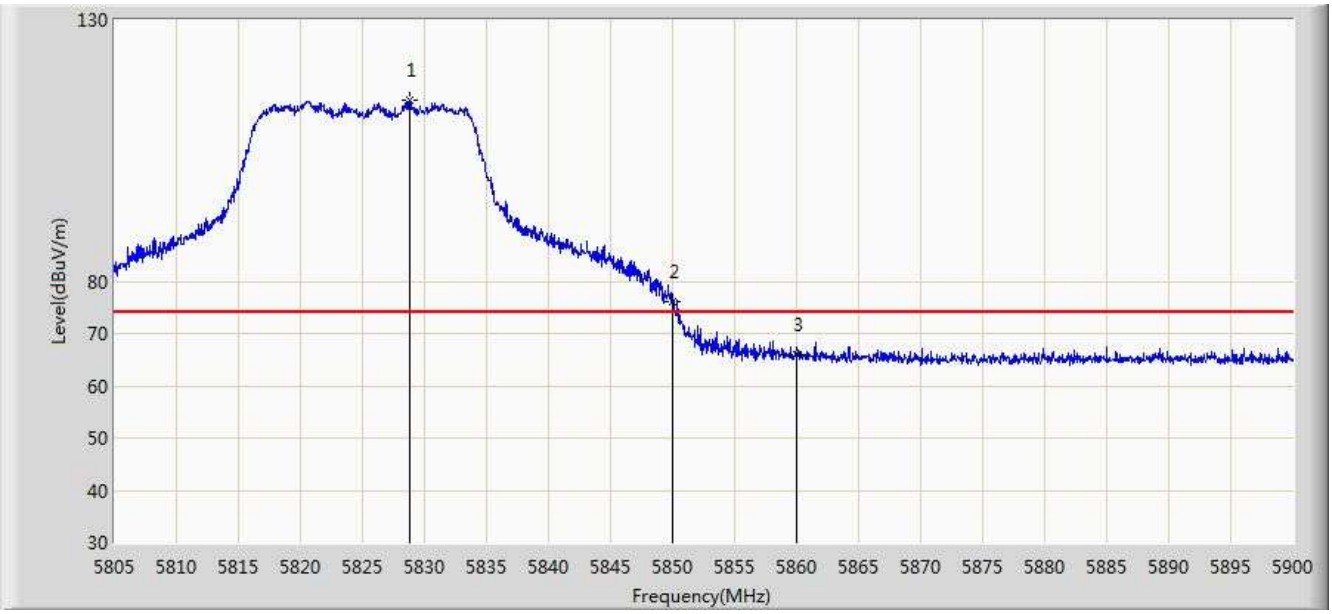


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.627	87.932	49.595	N/A	N/A	38.337	AV
2			5860.000	52.350	13.872	-1.650	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1+2	

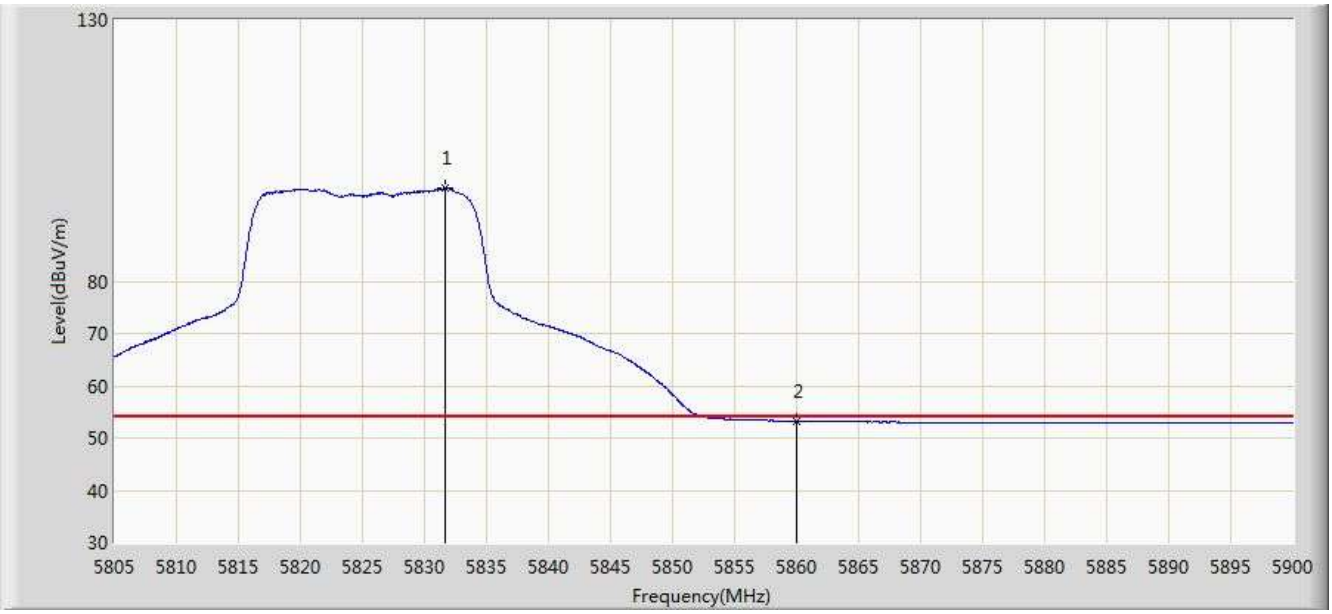


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.750	114.627	76.256	N/A	N/A	38.372	PK
2			5850.000	76.135	37.682	-2.065	78.200	38.454	PK
3			5860.000	66.069	27.591	-7.931	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5825MHz by 802.11ac20 Ant 0+1+2	

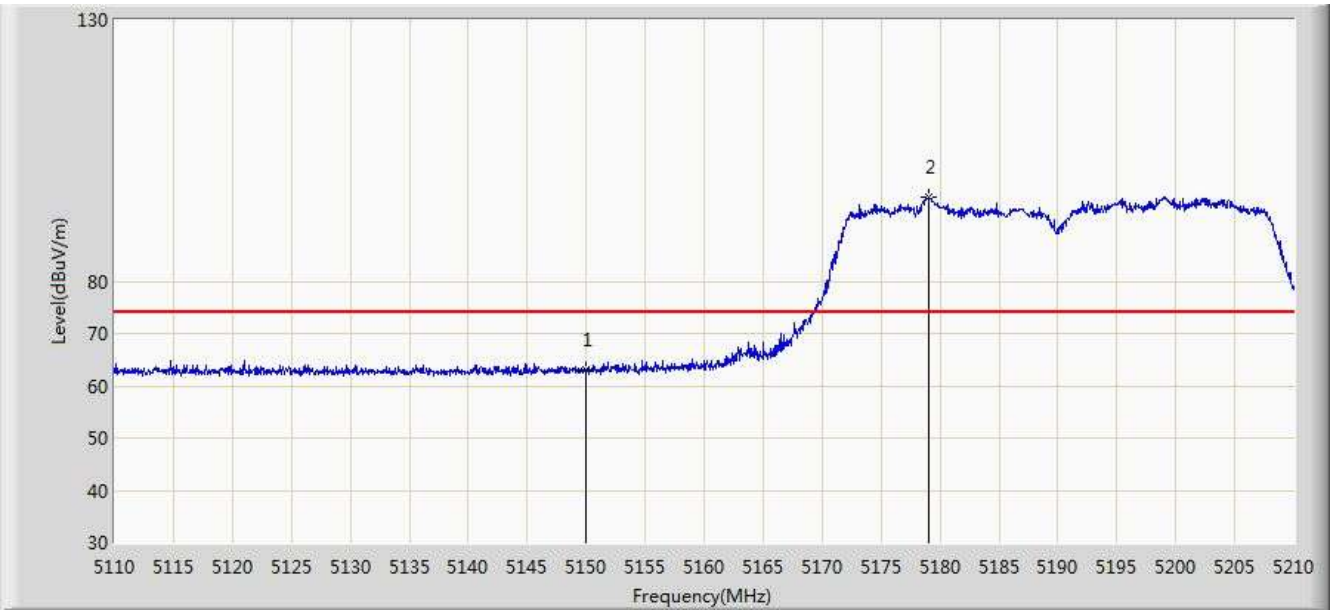


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.647	97.863	59.479	N/A	N/A	38.383	AV
2			5860.000	53.179	14.701	-0.821	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.144	25.692	-10.856	74.000	37.452	PK
2		*	5179.000	96.062	58.686	N/A	N/A	37.376	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

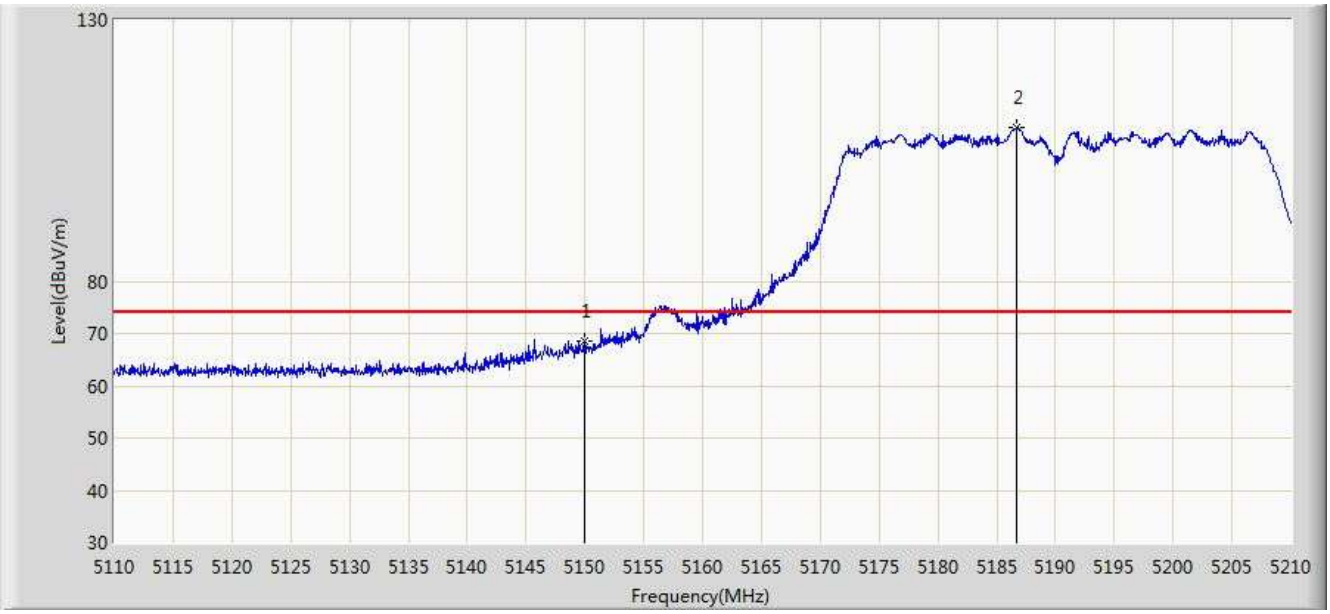
Site: AC1	Time: 2015/04/28 - 05:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.201	12.749	-3.799	54.000	37.452	AV
2		*	5203.750	78.715	41.404	N/A	N/A	37.311	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.435	30.983	-5.565	74.000	37.452	PK
2		*	5186.650	109.351	71.994	N/A	N/A	37.357	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

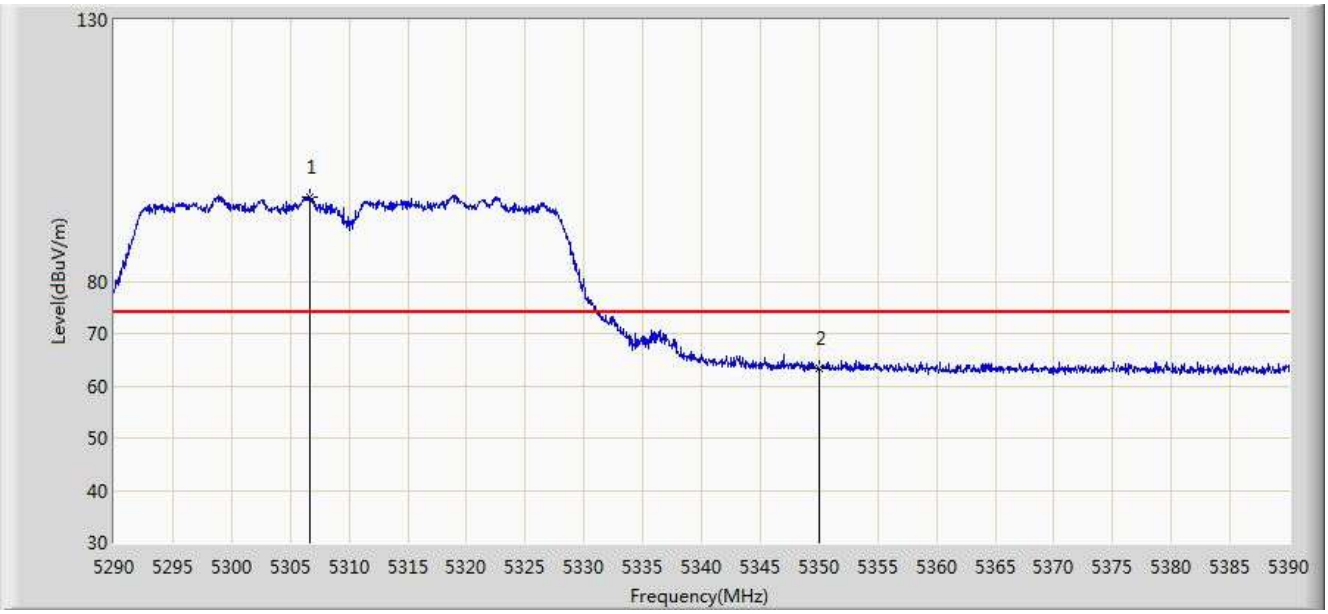
Site: AC1	Time: 2015/04/28 - 05:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.664	16.212	-0.336	54.000	37.452	AV
2		*	5186.750	90.155	52.798	N/A	N/A	37.357	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1+2	

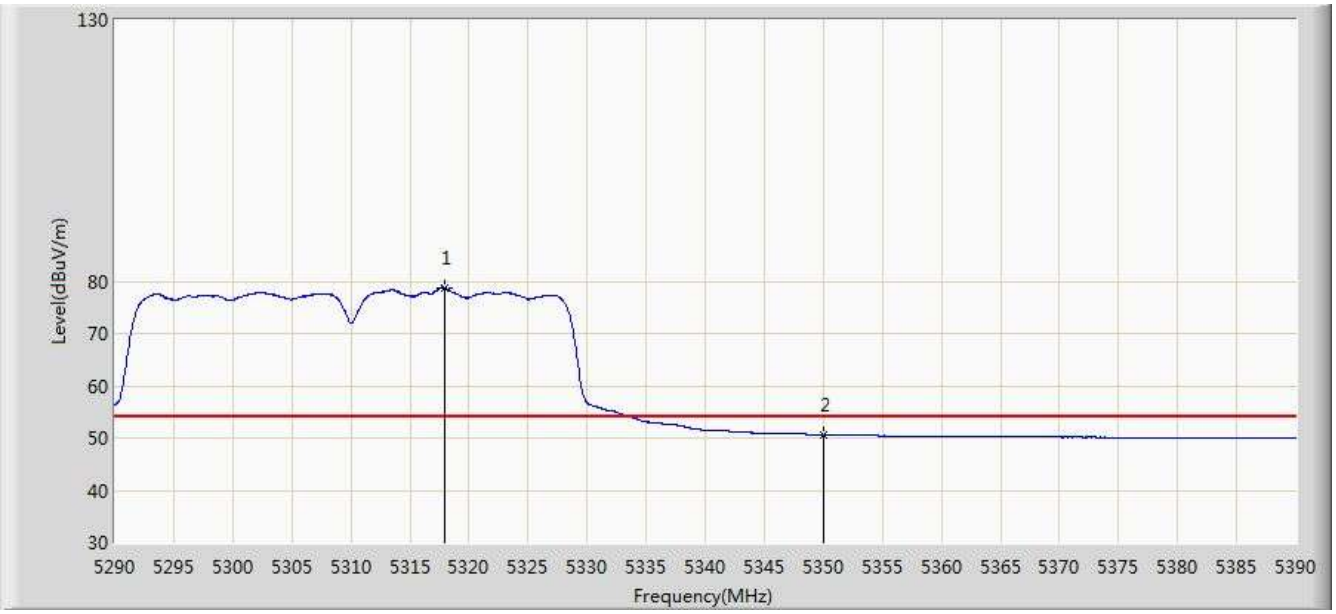


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.650	96.073	58.879	N/A	N/A	37.194	PK
2			5350.000	63.199	25.913	-10.801	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1+2	

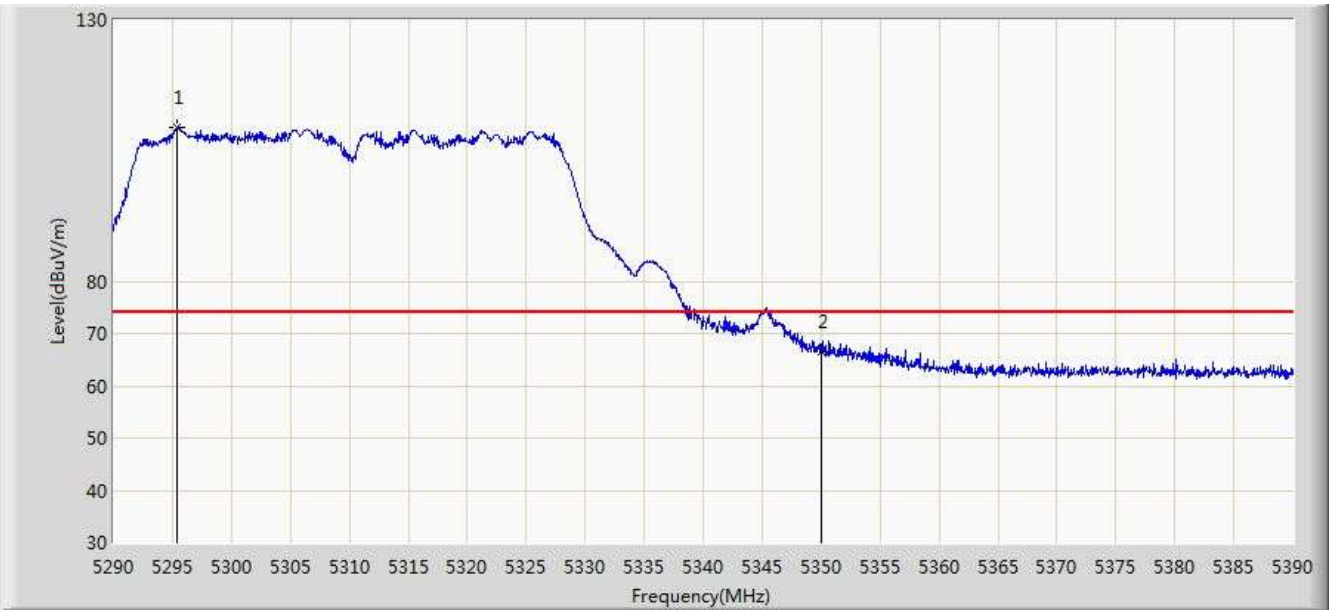


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.950	78.743	41.533	N/A	N/A	37.210	AV
2			5350.000	50.585	13.299	-3.415	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1+2	

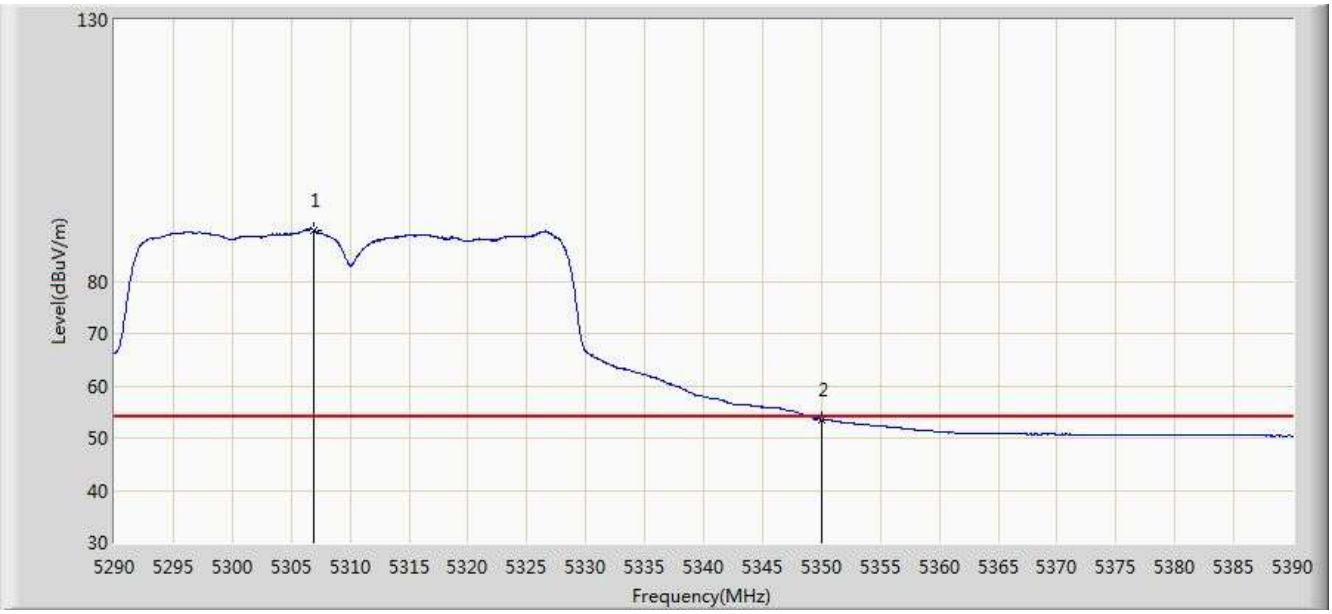


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5295.450	109.404	72.226	N/A	N/A	37.178	PK
2			5350.000	66.595	29.309	-7.405	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5310MHz by 802.11ac-VHT40 Ant 0+1+2	

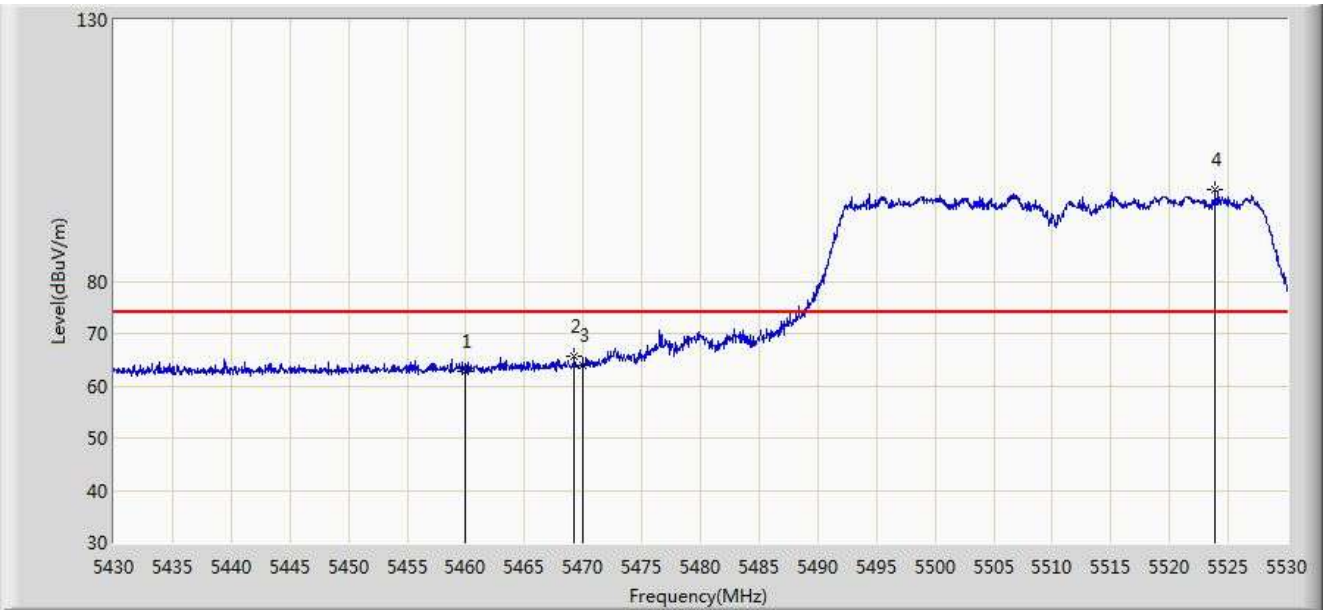


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.900	89.854	52.660	N/A	N/A	37.194	AV
2			5350.000	53.592	16.306	-0.408	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.616	25.053	-11.384	74.000	37.563	PK
2			5469.250	65.716	28.129	-8.284	74.000	37.586	PK
3			5470.000	64.046	26.457	-9.954	74.000	37.588	PK
4		*	5523.900	97.517	59.864	N/A	N/A	37.653	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

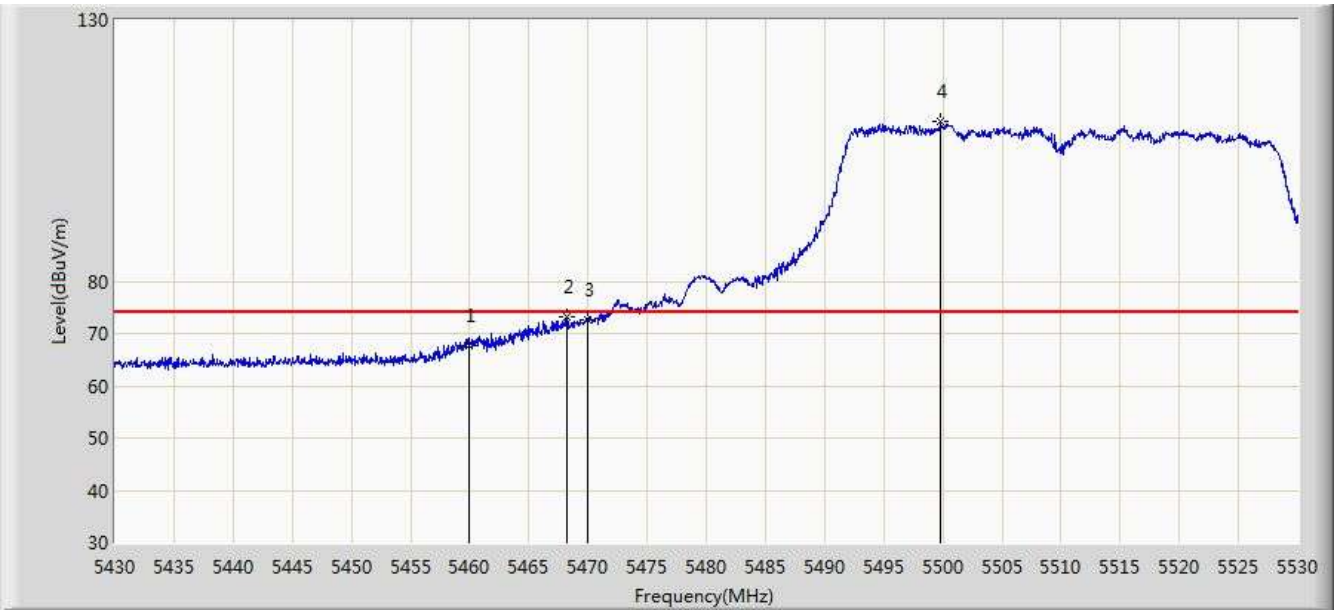
Site: AC1	Time: 2015/04/28 - 05:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.345	12.782	-3.655	54.000	37.563	AV
2			5470.000	50.960	13.371	-3.040	54.000	37.588	AV
3		*	5526.300	79.555	41.897	N/A	N/A	37.658	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1+2	

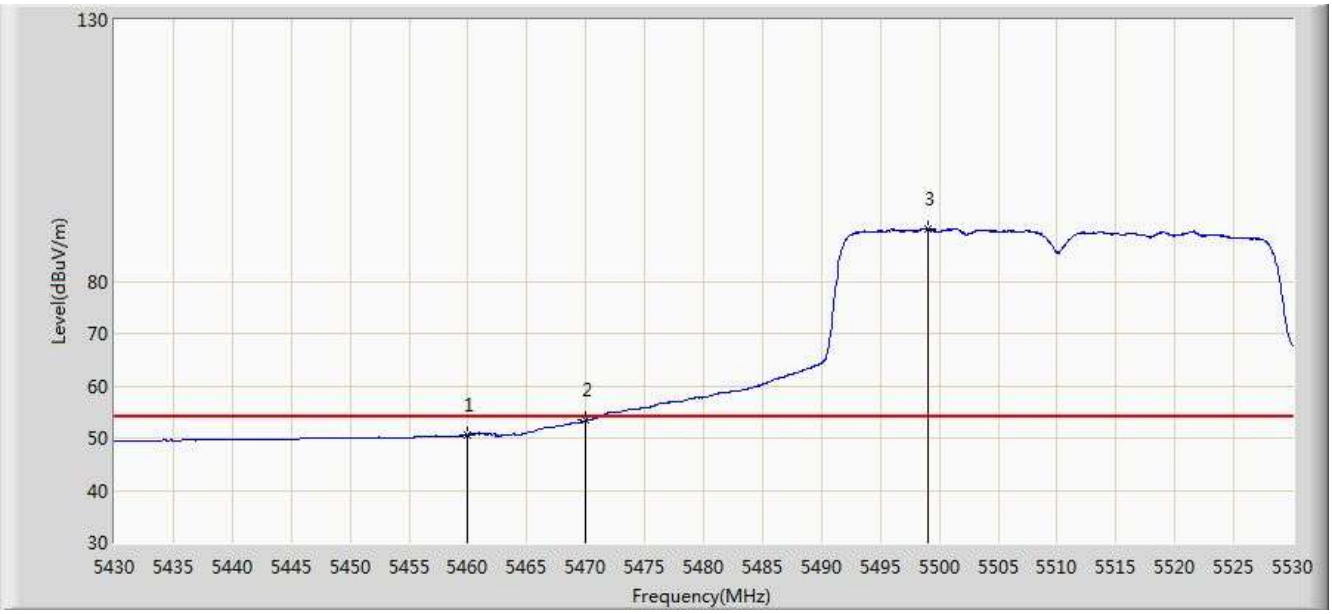


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.602	30.039	-6.398	74.000	37.563	PK
2			5468.250	73.044	35.460	-0.956	74.000	37.584	PK
3			5470.000	72.505	34.916	-1.495	74.000	37.588	PK
4		*	5499.850	110.619	72.994	N/A	N/A	37.625	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 17:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5510MHz by 802.11ac-VHT40 Ant 0+1+2	

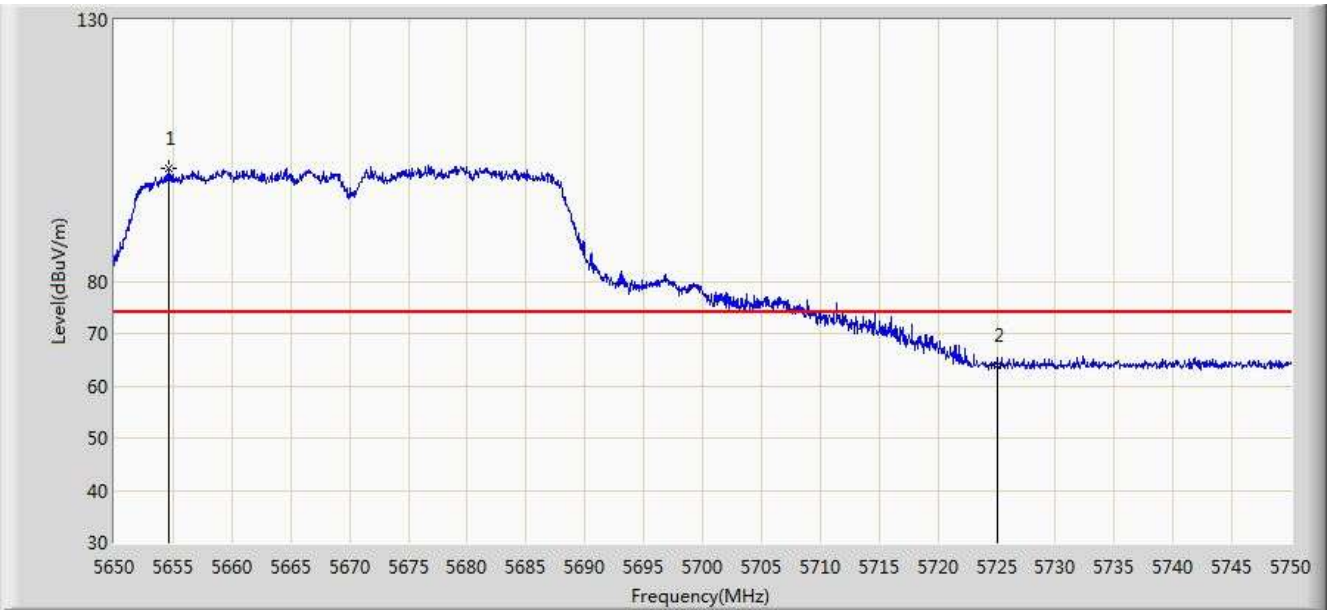


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.690	13.127	-3.310	54.000	37.563	AV
2			5470.000	53.372	15.784	-0.628	54.000	37.588	AV
3		*	5499.000	90.080	52.456	N/A	N/A	37.624	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1+2	

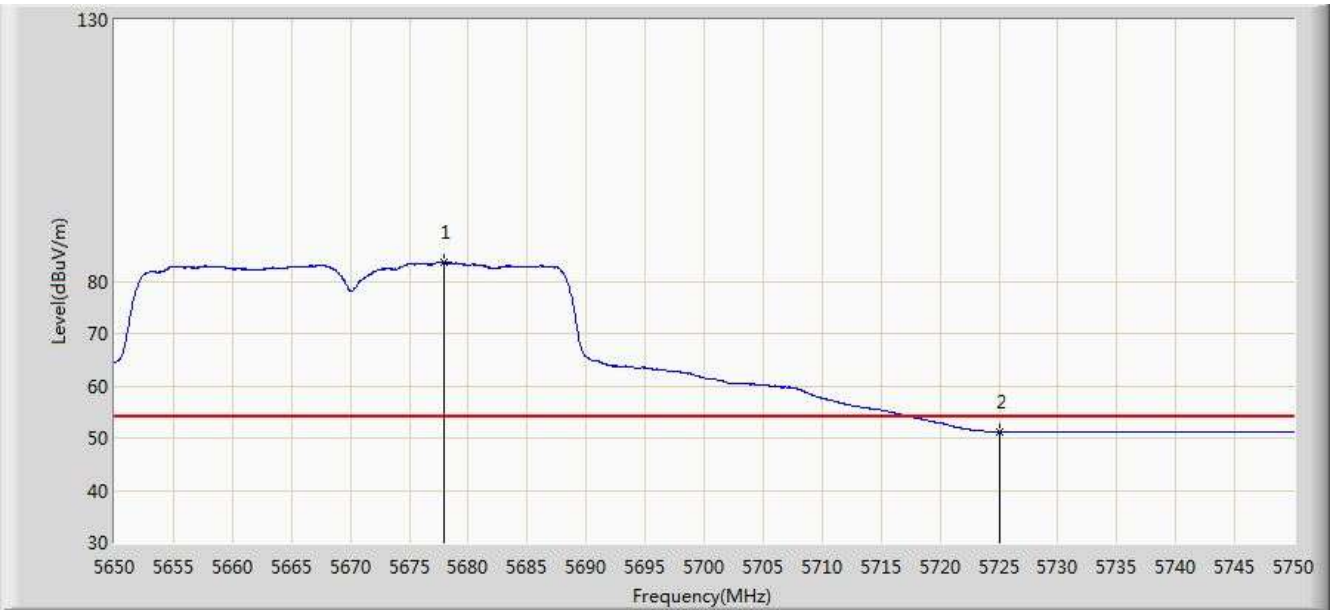


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5654.650	101.616	63.825	N/A	N/A	37.792	PK
2			5725.000	63.921	25.931	-10.079	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1+2	

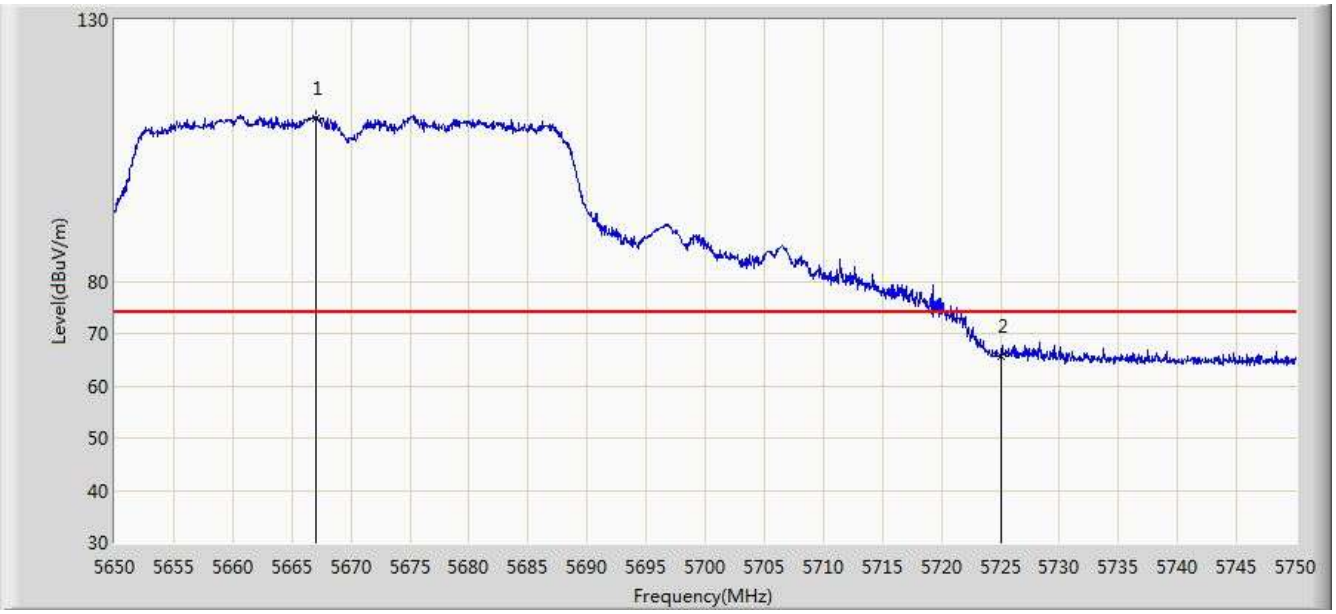


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5678.000	83.592	45.767	29.592	54.000	37.826	AV
2			5725.000	51.188	13.198	-2.812	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1+2	

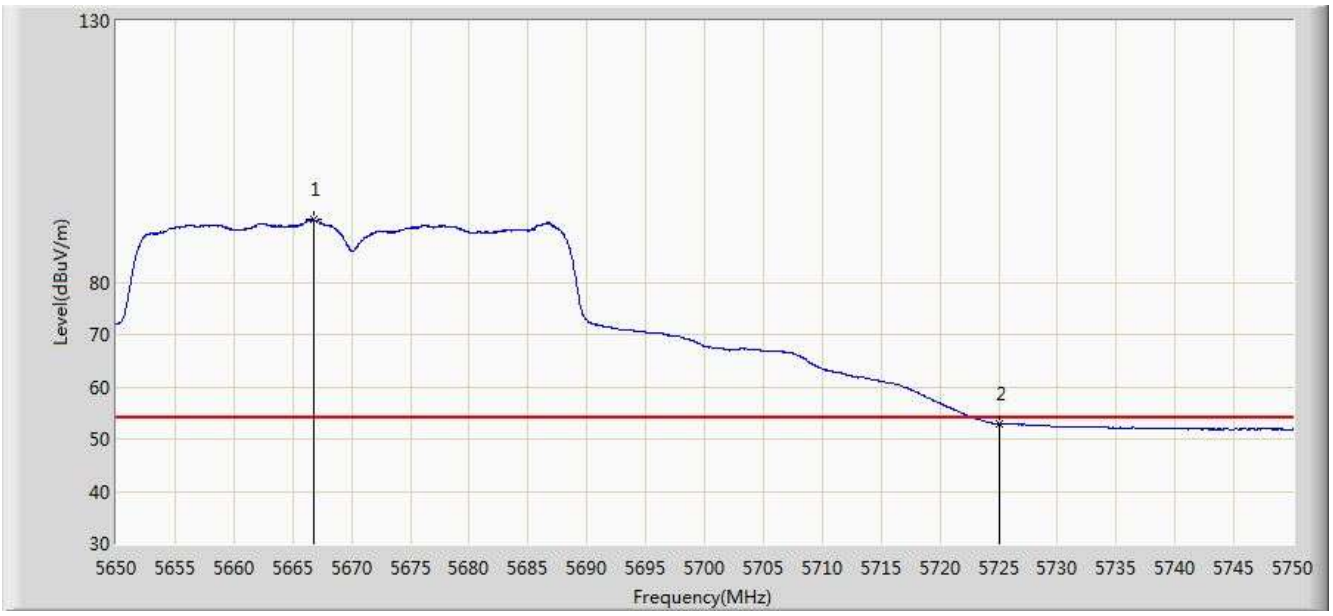


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5667.050	111.225	73.419	N/A	N/A	37.805	PK
2			5725.000	65.731	27.741	-8.269	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/04/28 - 05:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5670MHz by 802.11ac-VHT40 Ant 0+1+2	

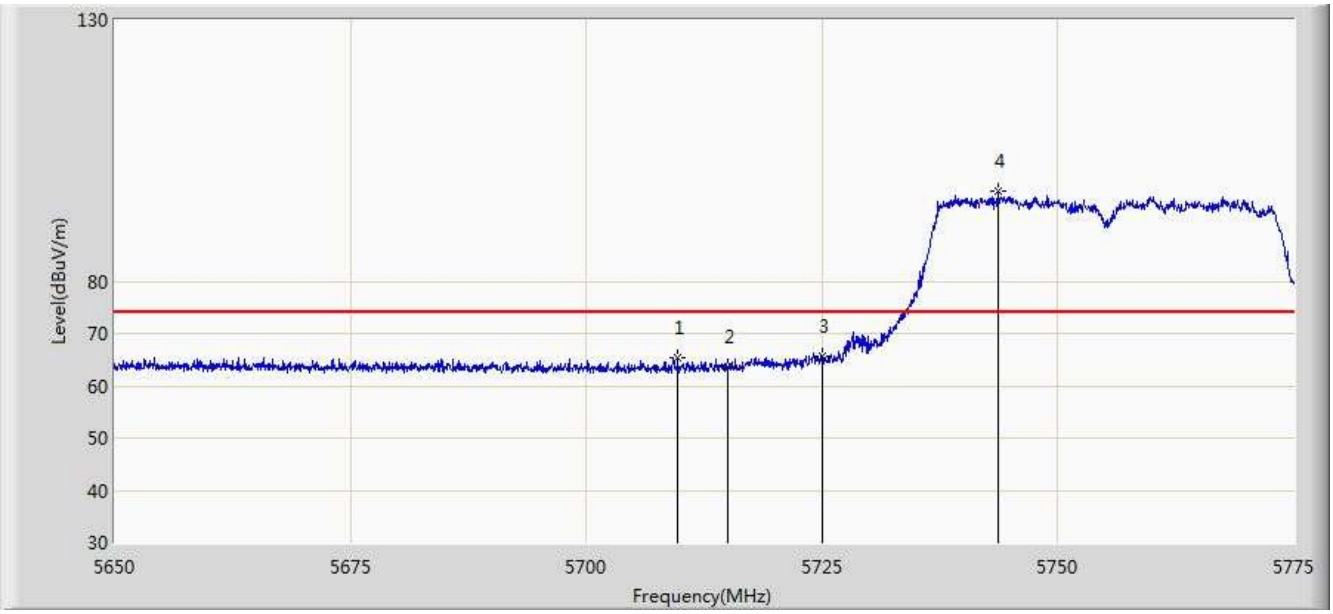


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5666.750	91.982	54.177	N/A	N/A	37.805	AV
2			5725.000	52.939	14.949	-1.061	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1+2	

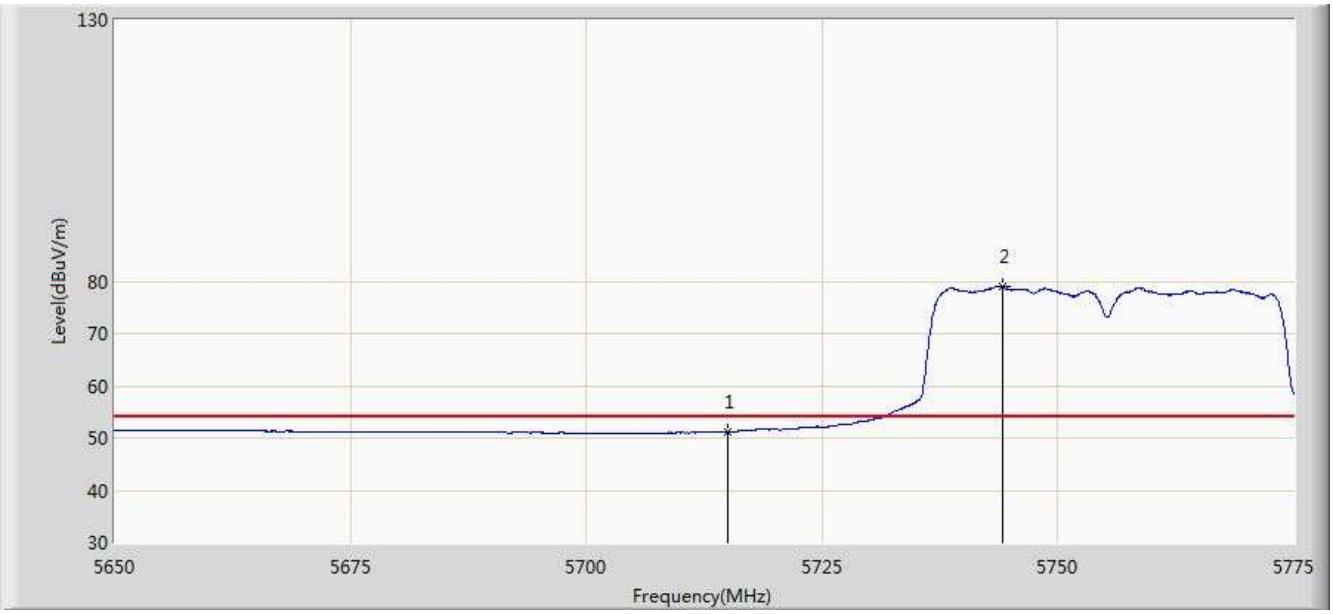


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5709.687	65.284	27.356	-8.716	74.000	37.928	PK
2			5715.000	63.571	25.622	-10.429	74.000	37.949	PK
3			5725.000	65.544	27.554	-12.656	78.200	37.990	PK
4		*	5743.687	97.230	59.165	N/A	N/A	38.066	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1+2	

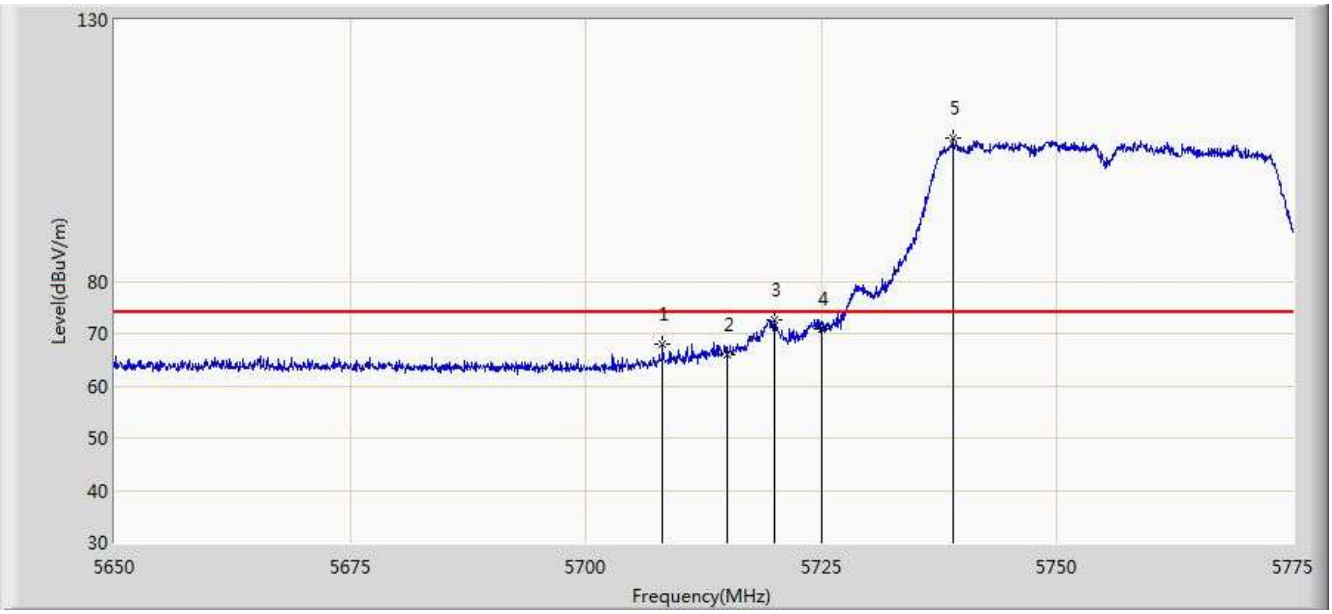


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.247	13.298	-2.753	54.000	37.949	AV
2		*	5744.187	78.989	40.921	N/A	N/A	38.068	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1+2	

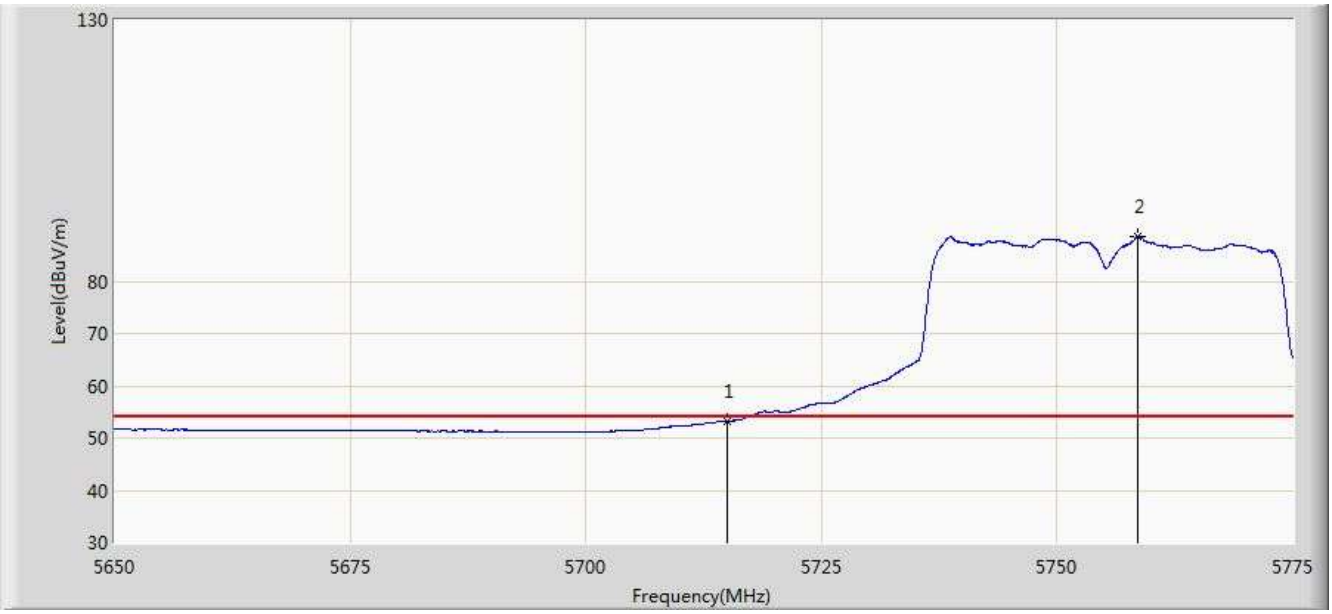


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5708.187	67.843	29.921	-6.157	74.000	37.922	PK
2			5715.000	66.064	28.115	-7.936	74.000	37.949	PK
3			5720.000	72.753	34.784	-5.447	78.200	37.970	PK
4			5725.000	70.771	32.781	-7.429	78.200	37.990	PK
5		*	5738.937	107.342	69.295	N/A	N/A	38.047	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5755MHz by 802.11ac40 Ant 0+1+2	

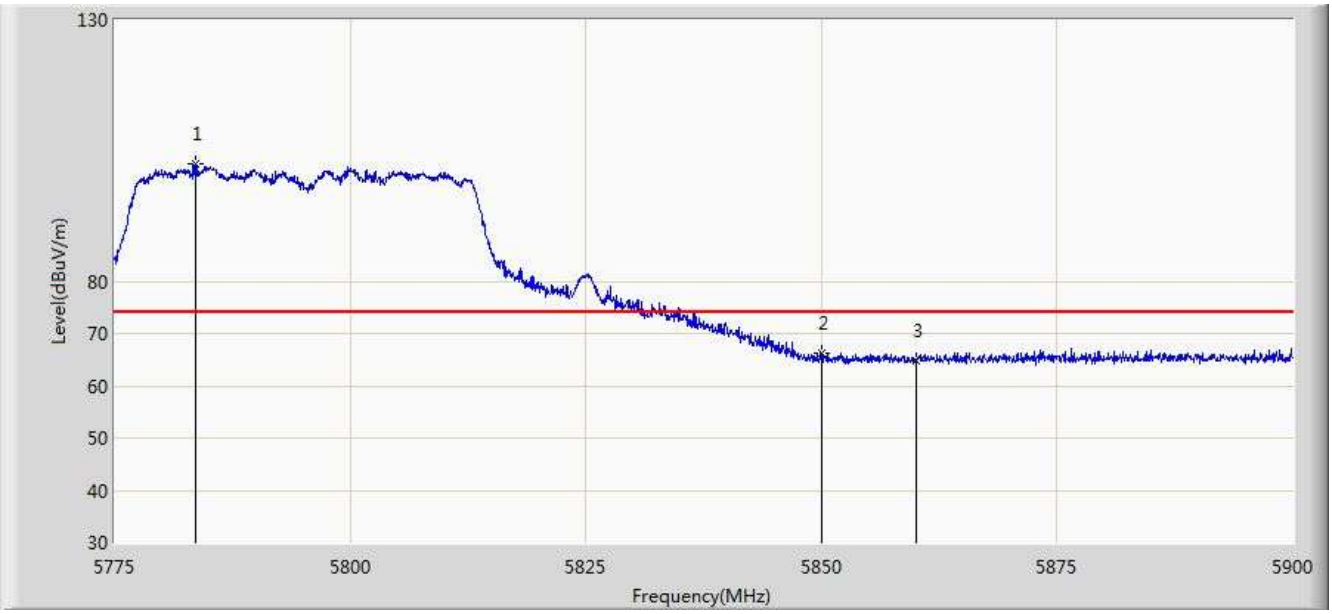


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.225	15.276	-0.775	54.000	37.949	AV
2		*	5758.625	88.599	50.464	N/A	N/A	38.135	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1+2	

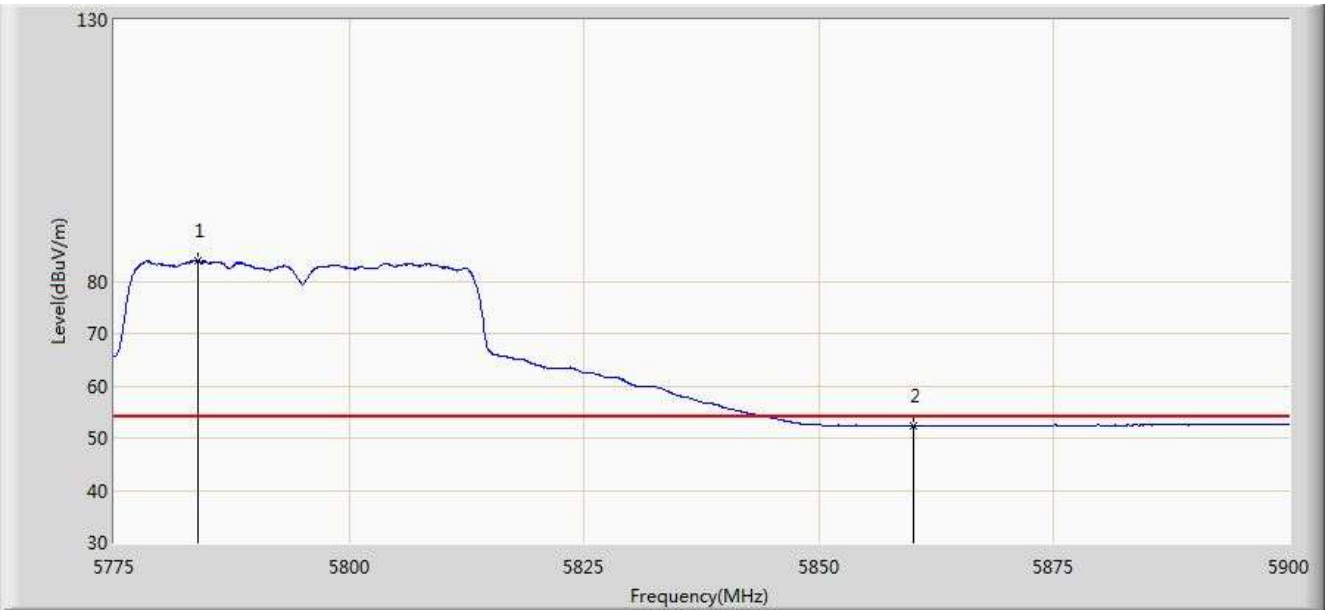


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.562	102.518	64.311	N/A	N/A	38.207	PK
2			5850.000	66.348	27.895	-11.852	78.200	38.454	PK
3			5860.000	64.868	26.390	-9.132	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1+2	

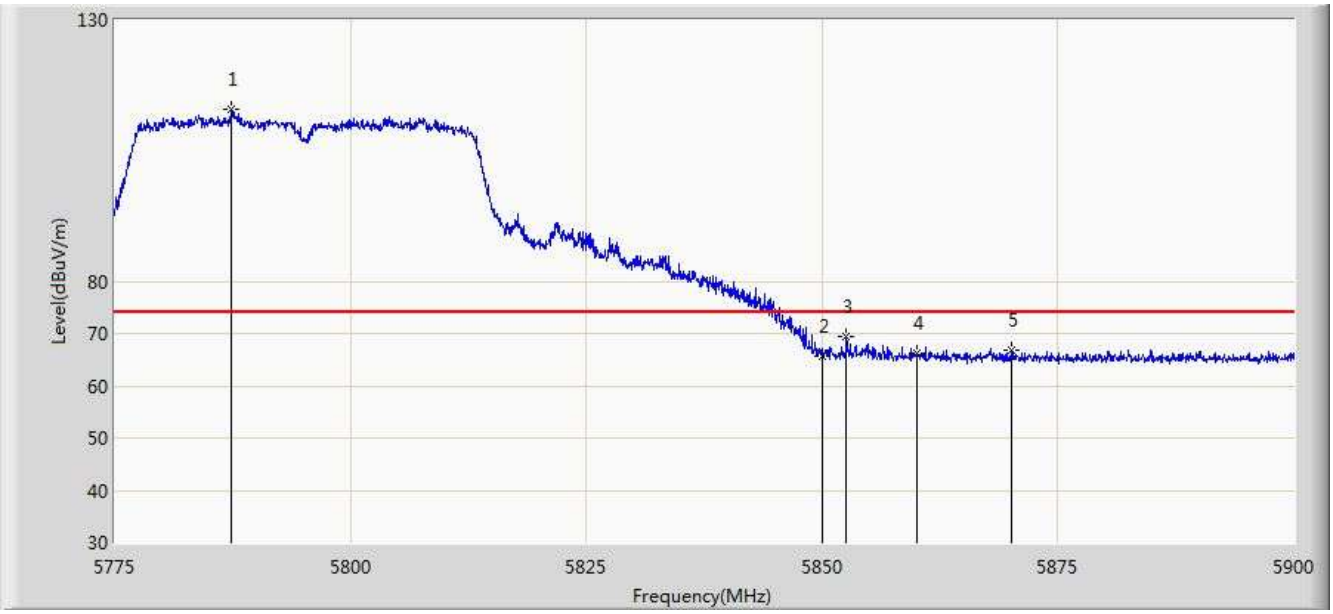


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.937	83.886	45.677	N/A	N/A	38.209	AV
2			5860.000	52.379	13.901	-1.621	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1+2	

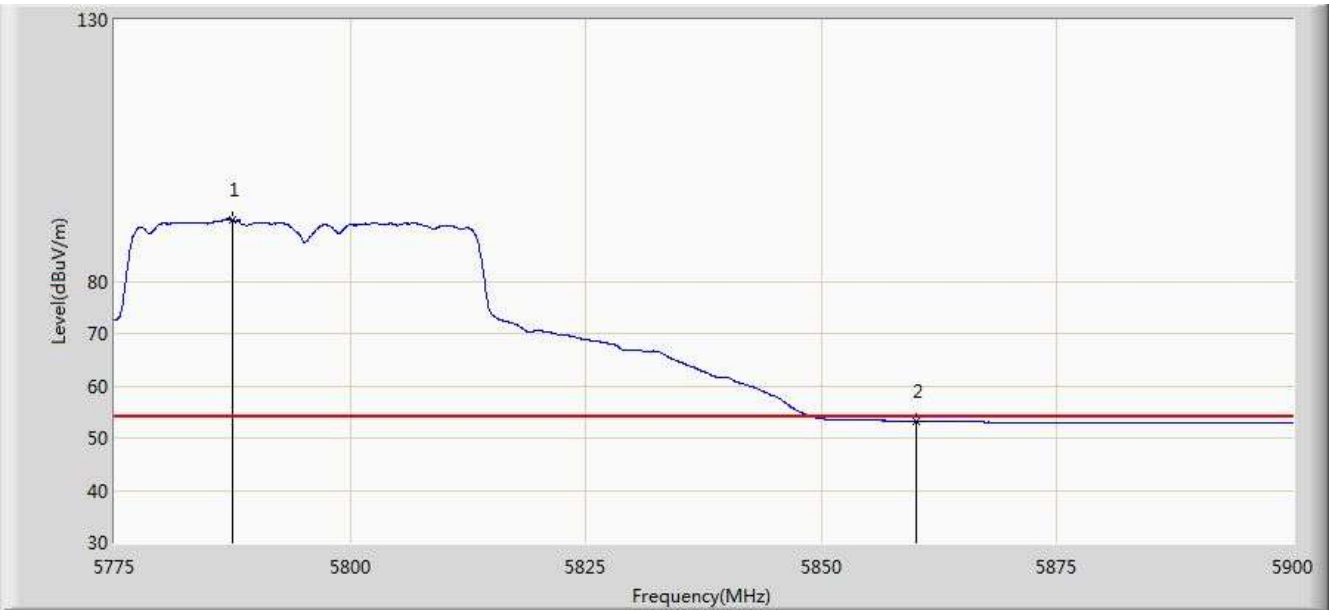


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.437	112.774	74.553	N/A	N/A	38.222	PK
2			5850.000	65.588	27.135	-12.612	78.200	38.454	PK
3			5852.562	69.414	30.955	-8.786	78.200	38.459	PK
4			5860.000	66.286	27.808	-7.714	74.000	38.478	PK
5			5870.125	66.911	28.419	-7.089	74.000	38.491	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/06 - 05:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5795MHz by 802.11ac40 Ant 0+1+2	

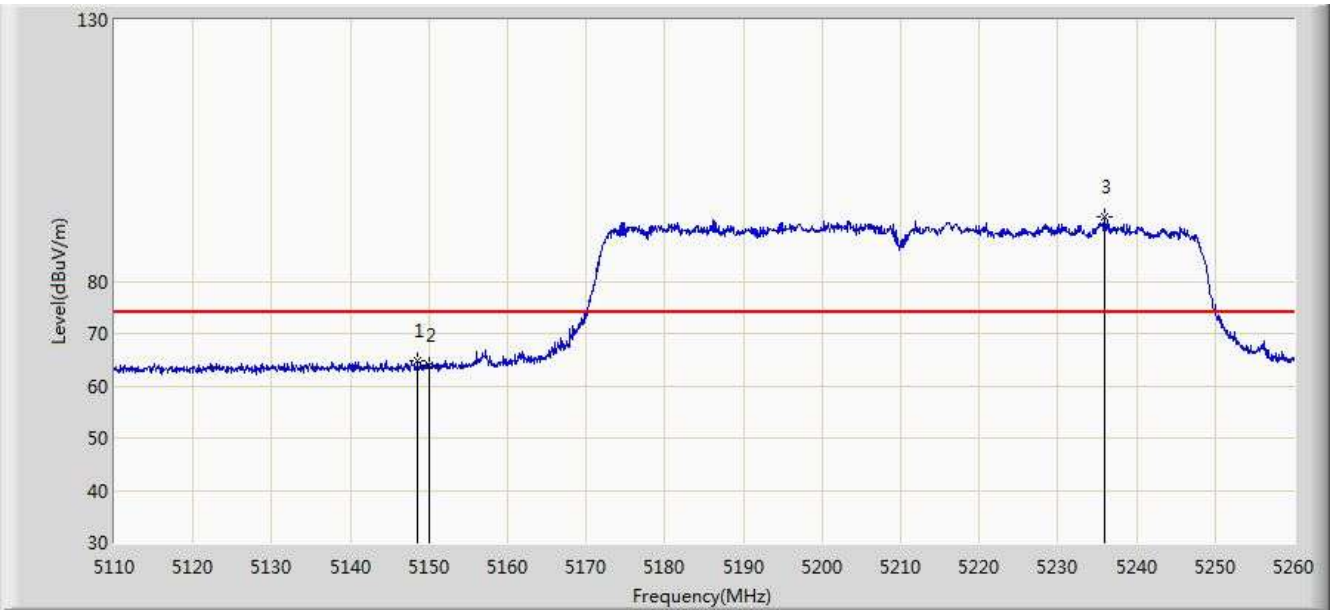


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.562	91.735	53.513	N/A	N/A	38.222	AV
2			5860.000	53.200	14.722	-0.800	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1+2	

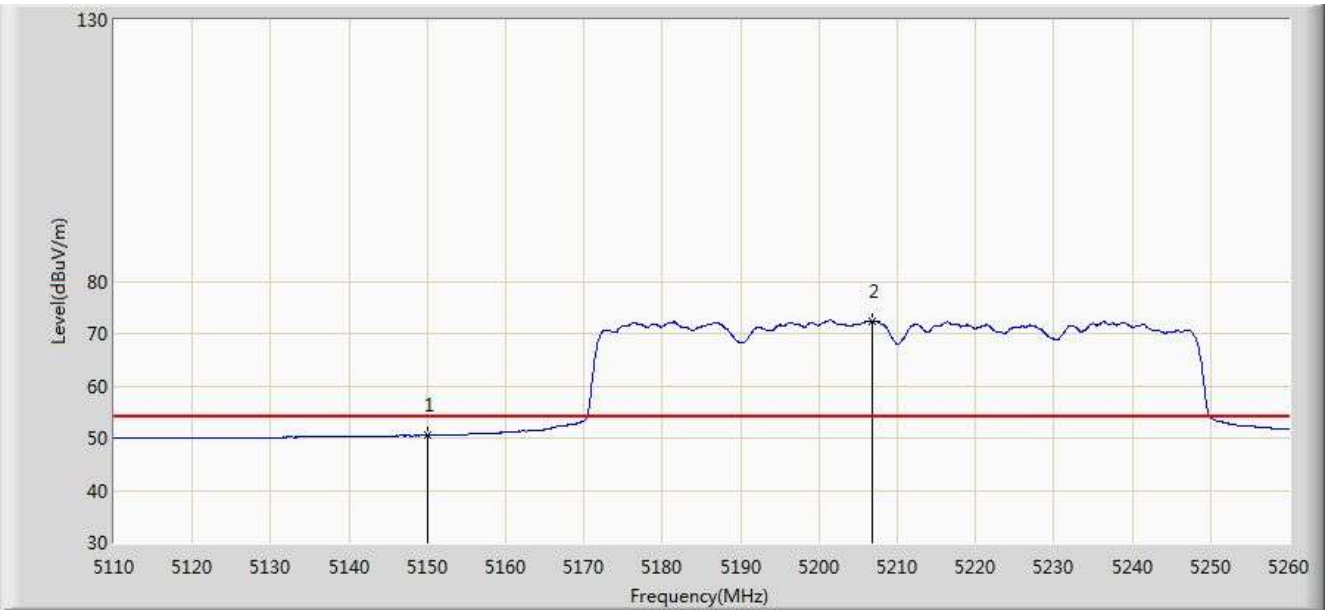


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.625	64.777	27.323	-9.223	74.000	37.454	PK
2			5150.000	63.801	26.349	-10.199	74.000	37.452	PK
3		*	5236.000	92.278	55.052	N/A	N/A	37.226	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1+2	

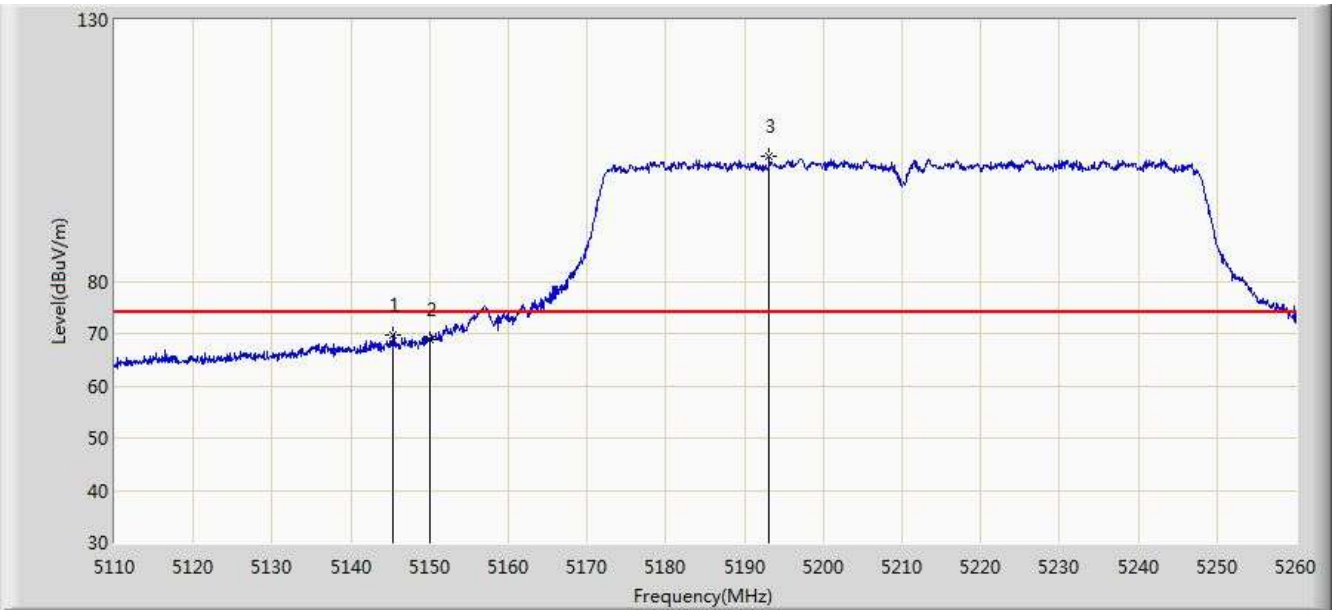


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.510	13.058	-3.490	54.000	37.452	AV
2		*	5206.750	72.428	35.127	N/A	N/A	37.301	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1+2	

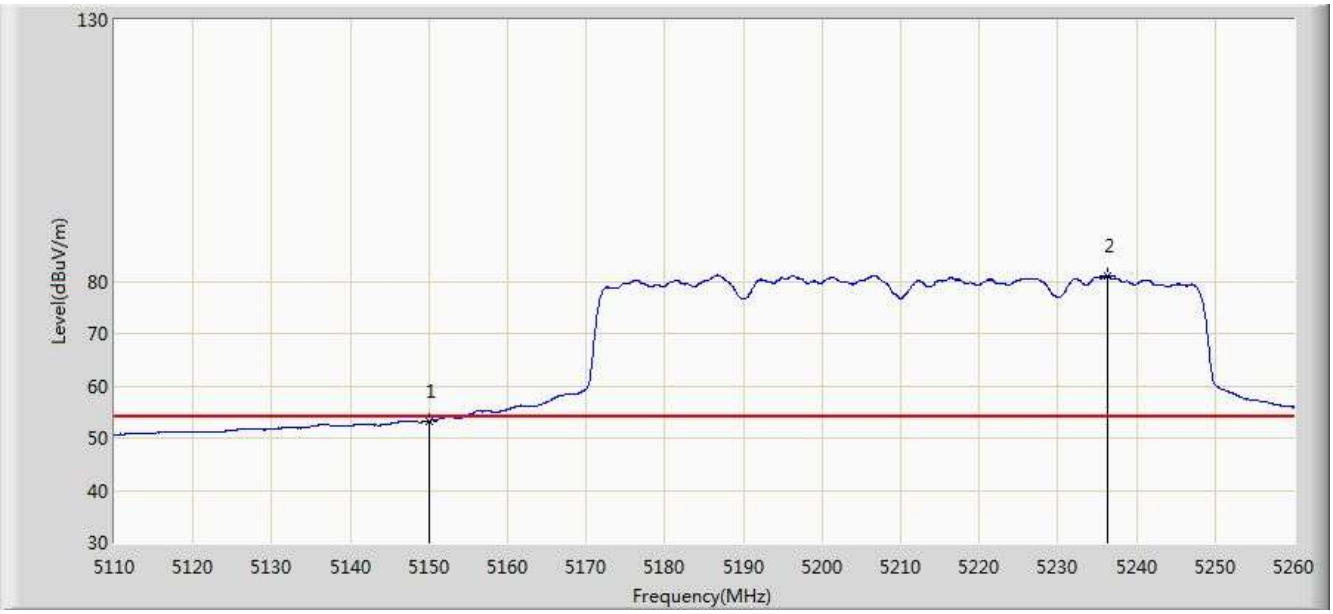


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.250	69.690	32.231	-4.310	74.000	37.459	PK
2			5150.000	68.865	31.413	-5.135	74.000	37.452	PK
3		*	5193.175	103.875	66.534	N/A	N/A	37.341	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 Ant 0+1+2	

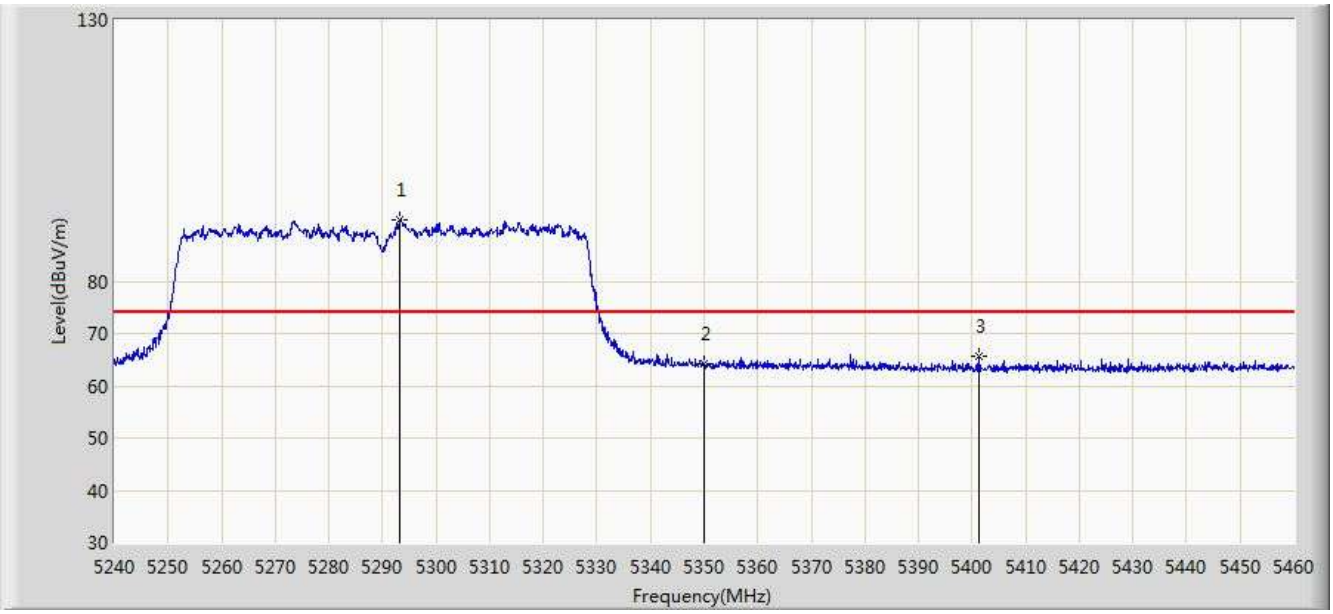


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.269	15.817	-0.731	54.000	37.452	AV
2		*	5236.375	81.106	43.880	N/A	N/A	37.226	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.240	91.690	54.511	N/A	N/A	37.179	PK
2			5350.000	64.063	26.777	-9.937	74.000	37.286	PK
3			5401.150	65.761	28.351	-8.239	74.000	37.410	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

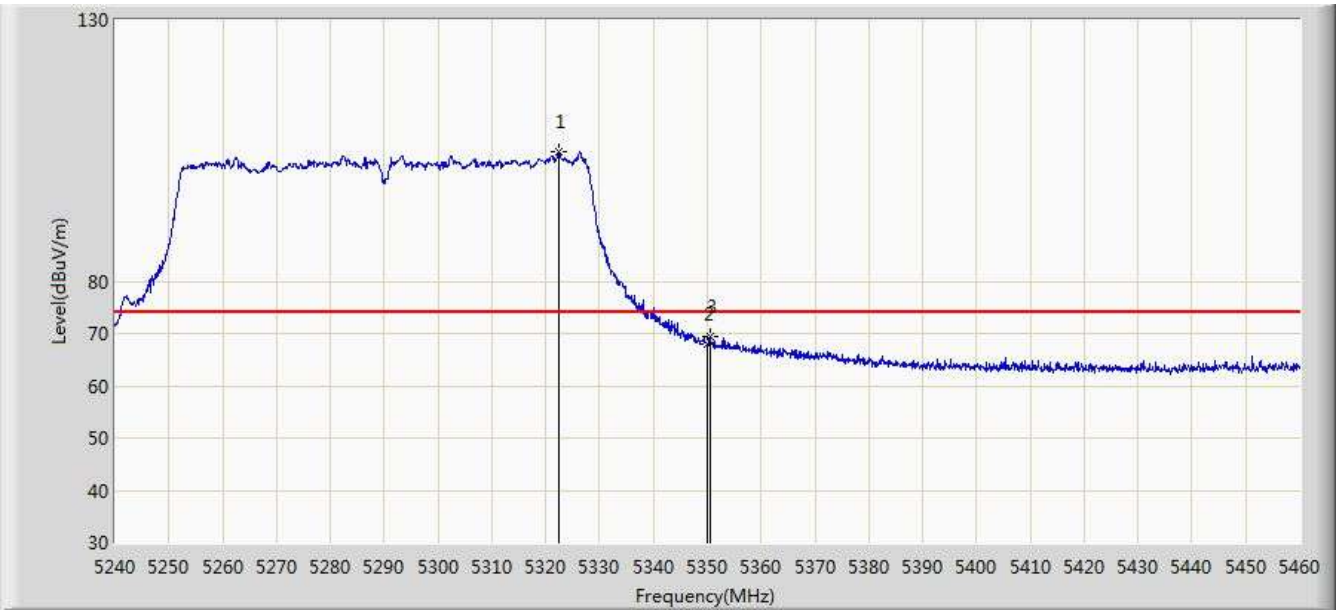
Site: AC1	Time: 2015/05/07 - 23:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.900	72.118	34.939	N/A	N/A	37.179	AV
2			5350.000	50.899	13.613	-3.101	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1+2	

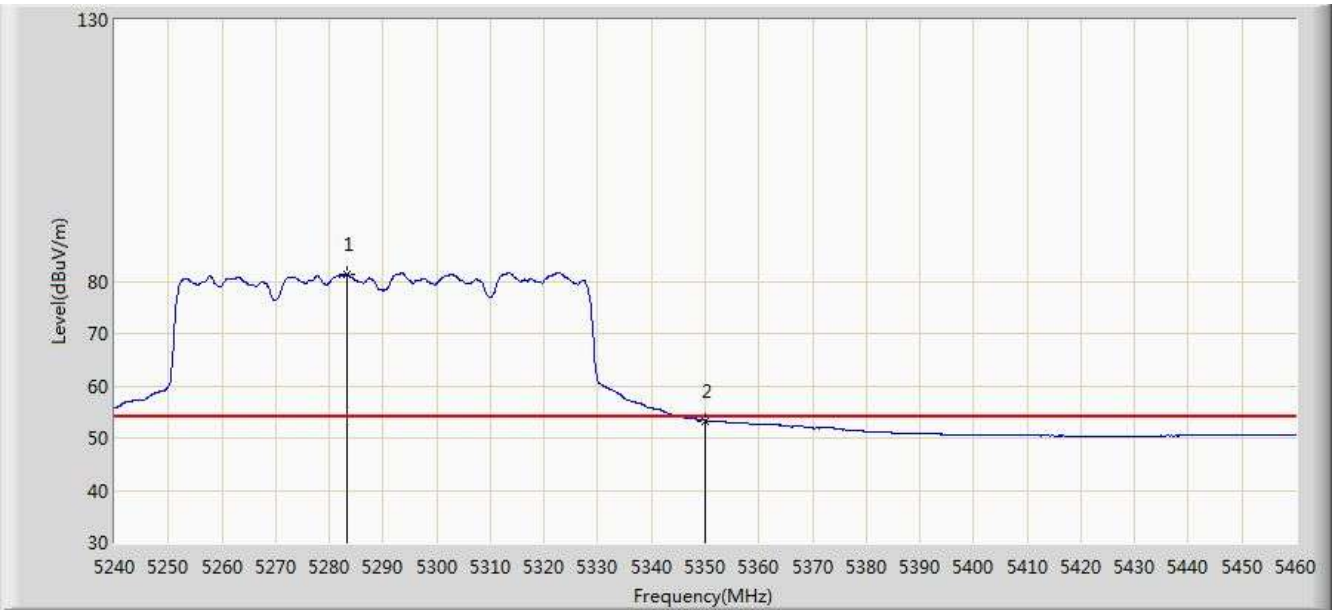


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.390	104.748	67.530	N/A	N/A	37.218	PK
2			5350.000	68.103	30.817	-5.897	74.000	37.286	PK
3			5350.440	69.508	32.220	-4.492	74.000	37.288	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5290MHz by 802.11ac-VHT80 Ant 0+1+2	

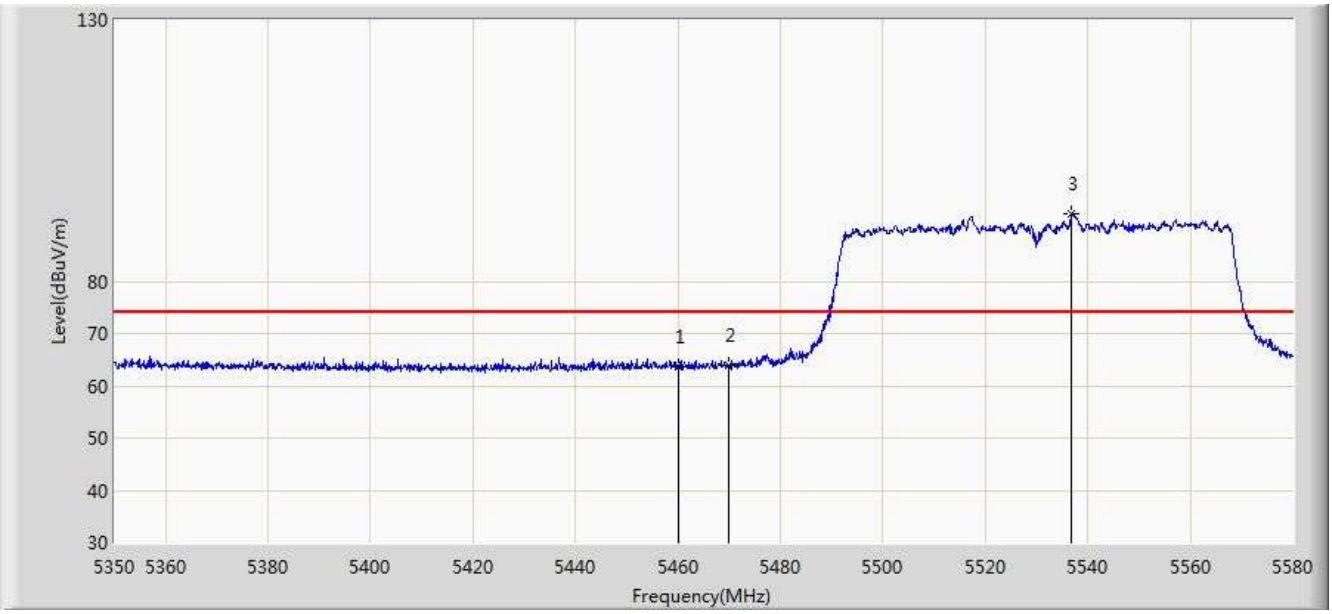


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5283.340	81.186	44.003	N/A	N/A	37.183	AV
2			5350.000	53.324	16.038	-0.676	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1+2	

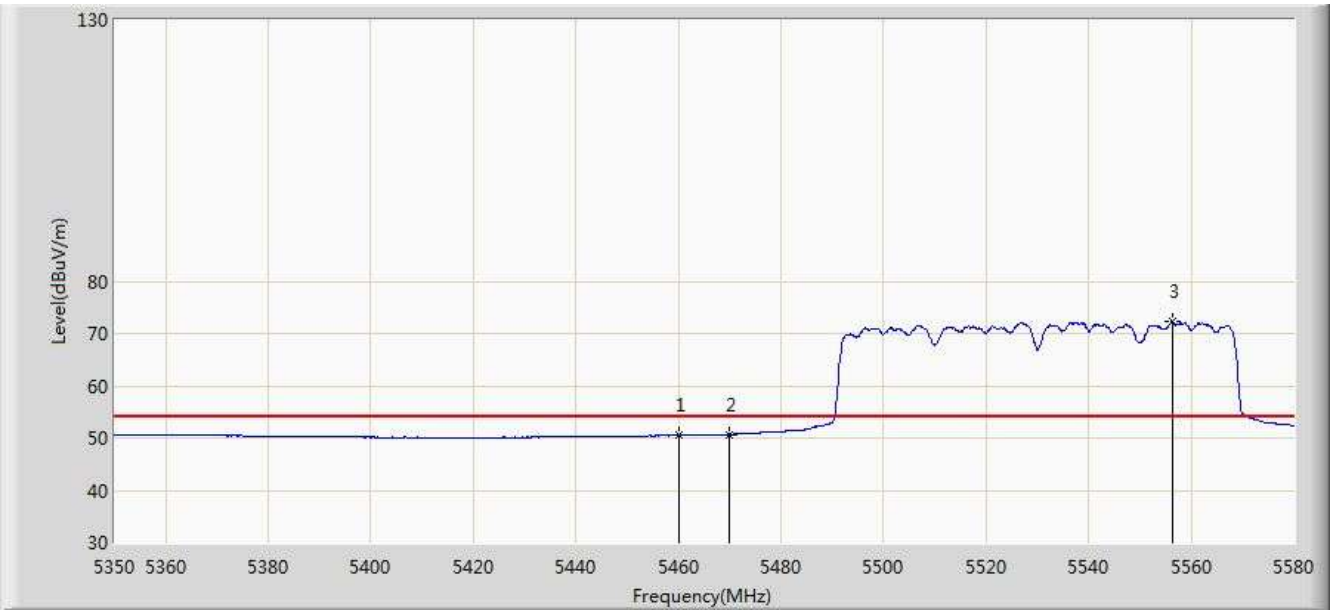


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.677	26.114	-10.323	74.000	37.563	PK
2			5470.000	63.777	26.188	-10.223	74.000	37.588	PK
3		*	5536.875	92.958	55.278	N/A	N/A	37.680	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1+2	

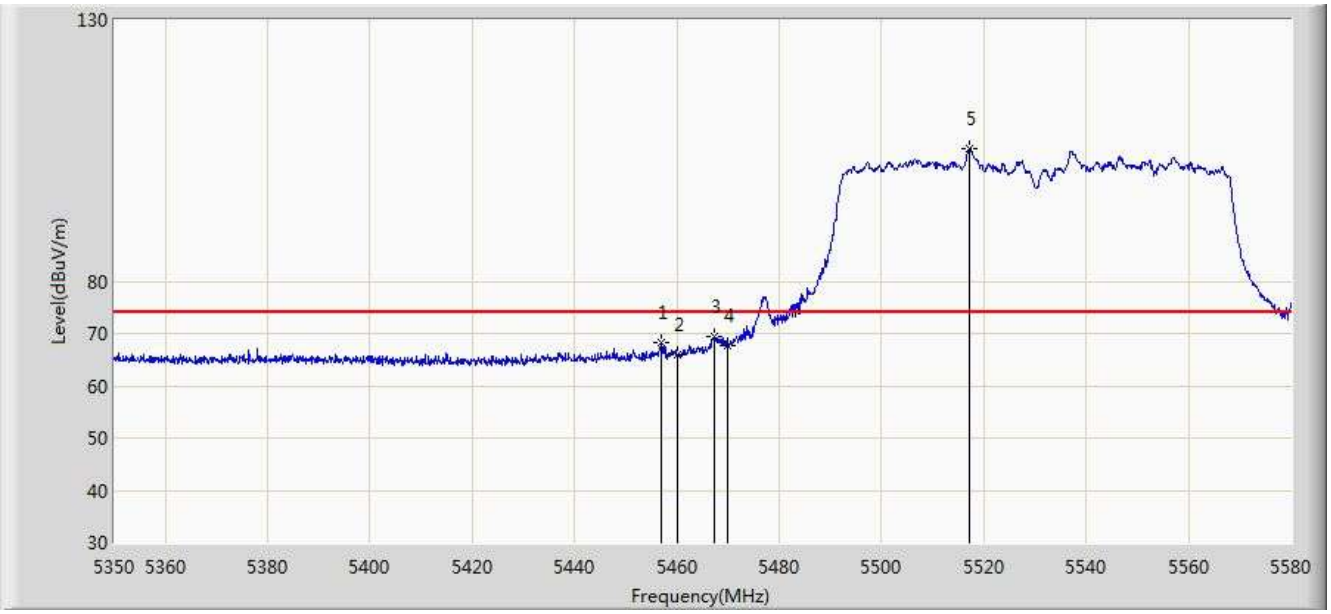


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.473	12.910	-3.527	54.000	37.563	AV
2			5470.000	50.698	13.109	-3.302	54.000	37.588	AV
3		*	5556.310	72.268	34.562	N/A	N/A	37.706	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1+2	

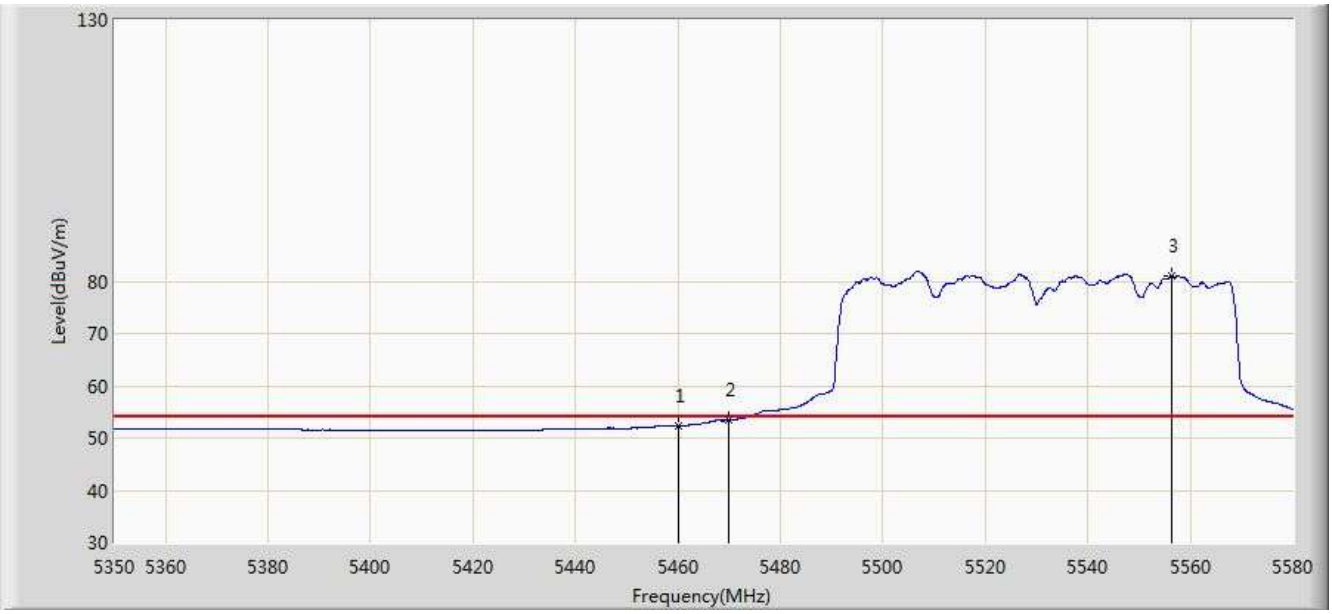


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.065	68.136	30.581	-5.864	74.000	37.555	PK
2			5460.000	65.855	28.292	-8.145	74.000	37.563	PK
3			5467.185	69.543	31.962	-4.457	74.000	37.581	PK
4			5470.000	67.647	30.058	-6.353	74.000	37.588	PK
5		*	5517.210	105.342	67.698	N/A	N/A	37.643	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/07 - 23:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5530MHz by 802.11ac-VHT80 Ant 0+1+2	

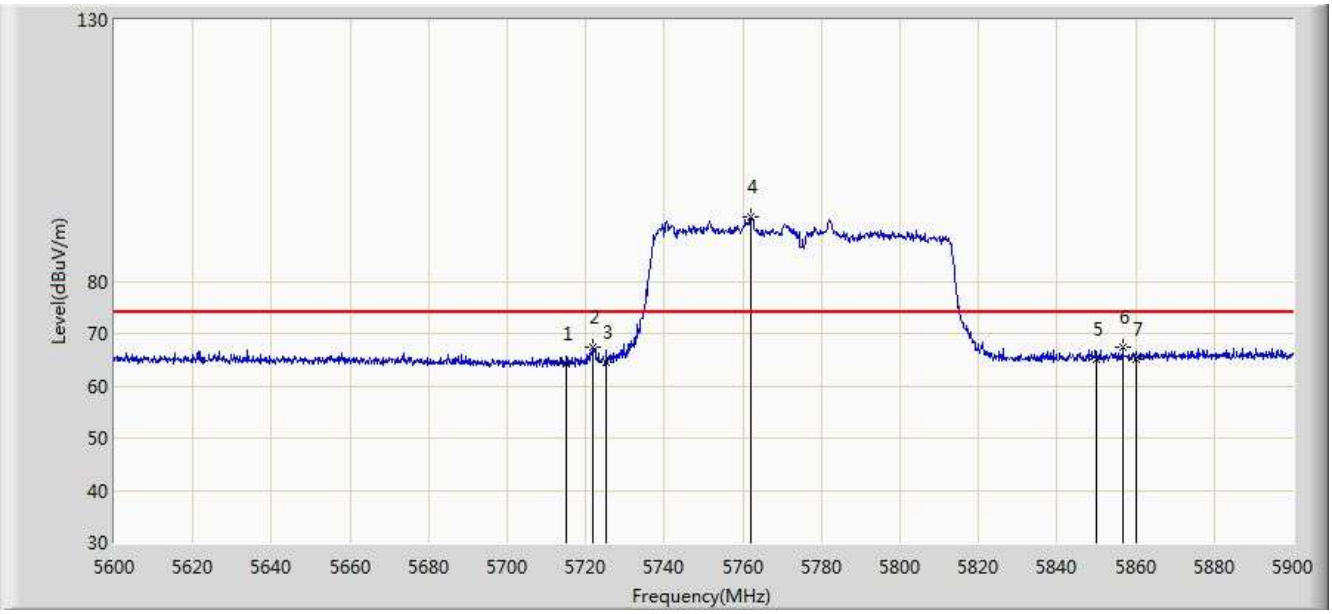


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.363	14.800	-1.637	54.000	37.563	AV
2			5470.000	53.382	15.793	-0.618	54.000	37.588	AV
3		*	5556.310	81.096	43.390	N/A	N/A	37.706	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1+2	

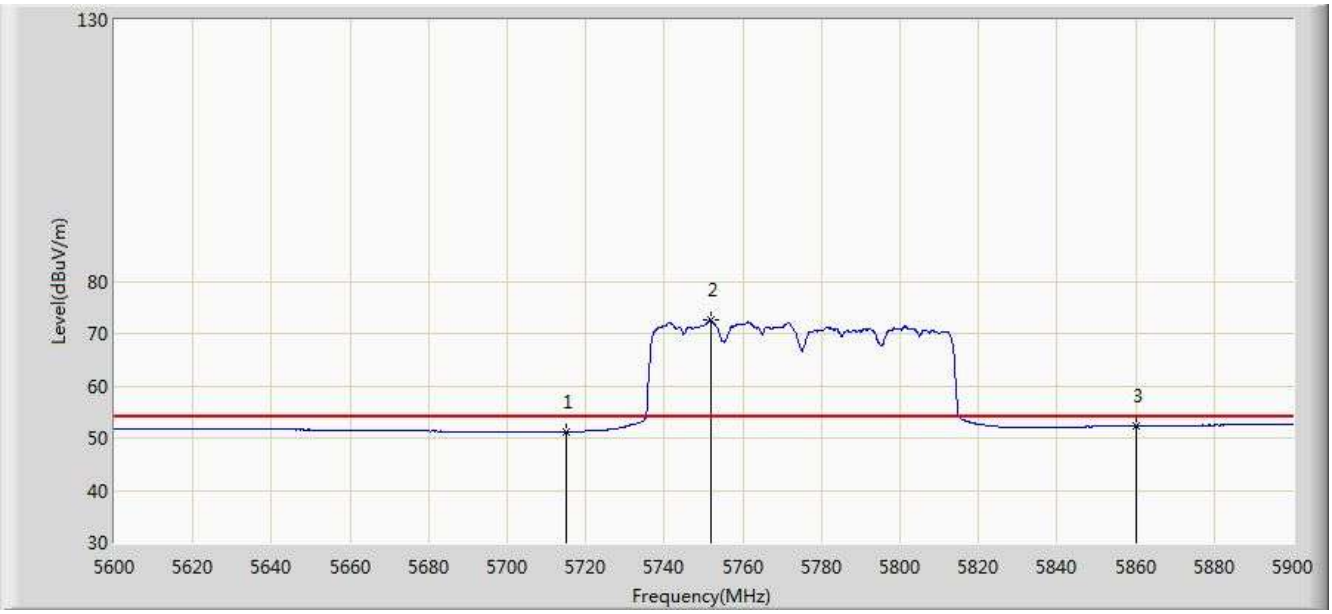


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.194	26.245	-9.806	74.000	37.949	PK
2			5721.650	67.299	29.323	-10.901	78.200	37.976	PK
3			5725.000	64.486	26.496	-13.714	78.200	37.990	PK
4		*	5762.000	92.319	54.173	N/A	N/A	38.146	PK
5			5850.000	65.131	26.678	-13.069	78.200	38.454	PK
6			5856.800	67.438	28.968	-10.762	78.200	38.470	PK
7			5860.000	65.074	26.596	-8.926	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1+2	

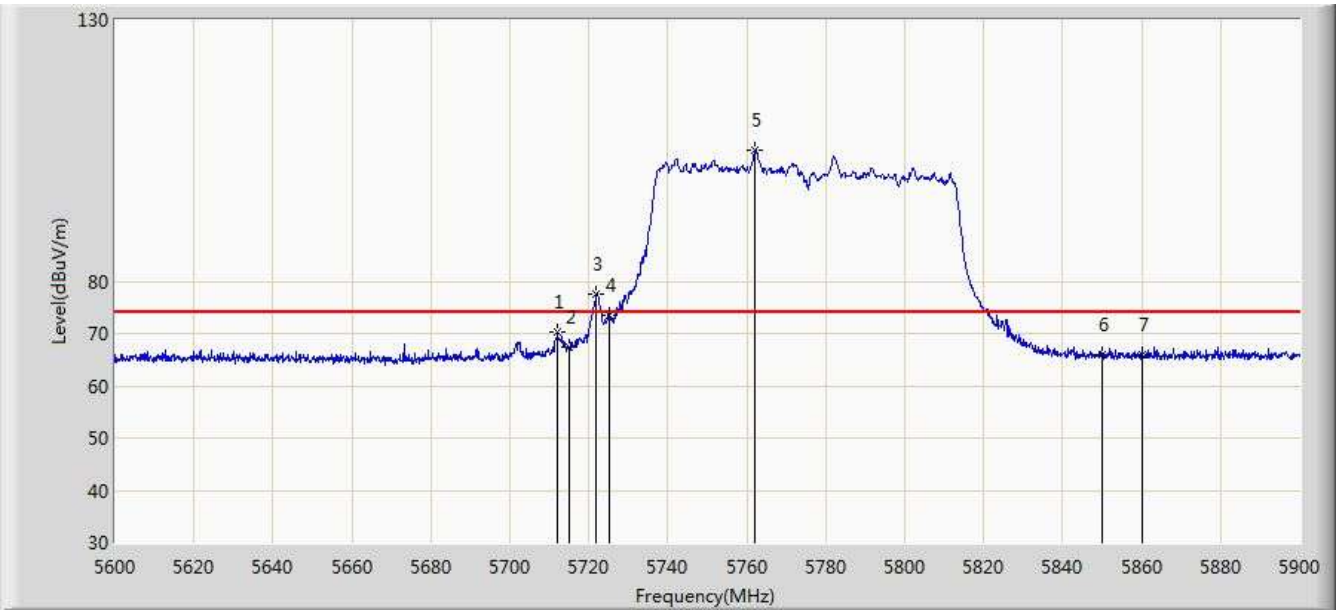


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.137	13.188	-2.863	54.000	37.949	AV
2		*	5751.950	72.612	34.507	N/A	N/A	38.105	AV
3			5860.000	52.307	13.829	-1.693	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1+2	

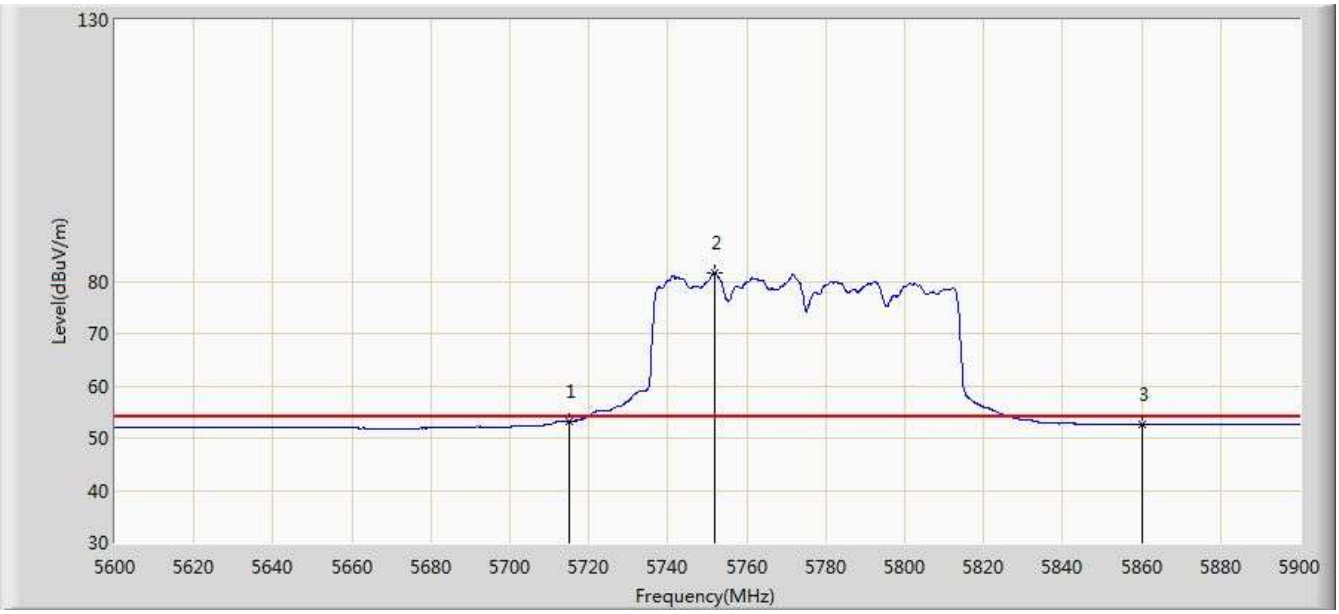


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.050	70.194	32.257	-3.806	74.000	37.938	PK
2			5715.000	67.389	29.440	-6.611	74.000	37.949	PK
3			5721.950	77.491	39.514	-0.709	78.200	37.977	PK
4			5725.000	73.358	35.368	-4.842	78.200	37.990	PK
5		*	5762.150	105.024	66.878	N/A	N/A	38.146	PK
6			5850.000	66.016	27.563	-12.184	78.200	38.454	PK
7			5860.000	65.910	27.432	-8.090	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 Ant 0+1+2	



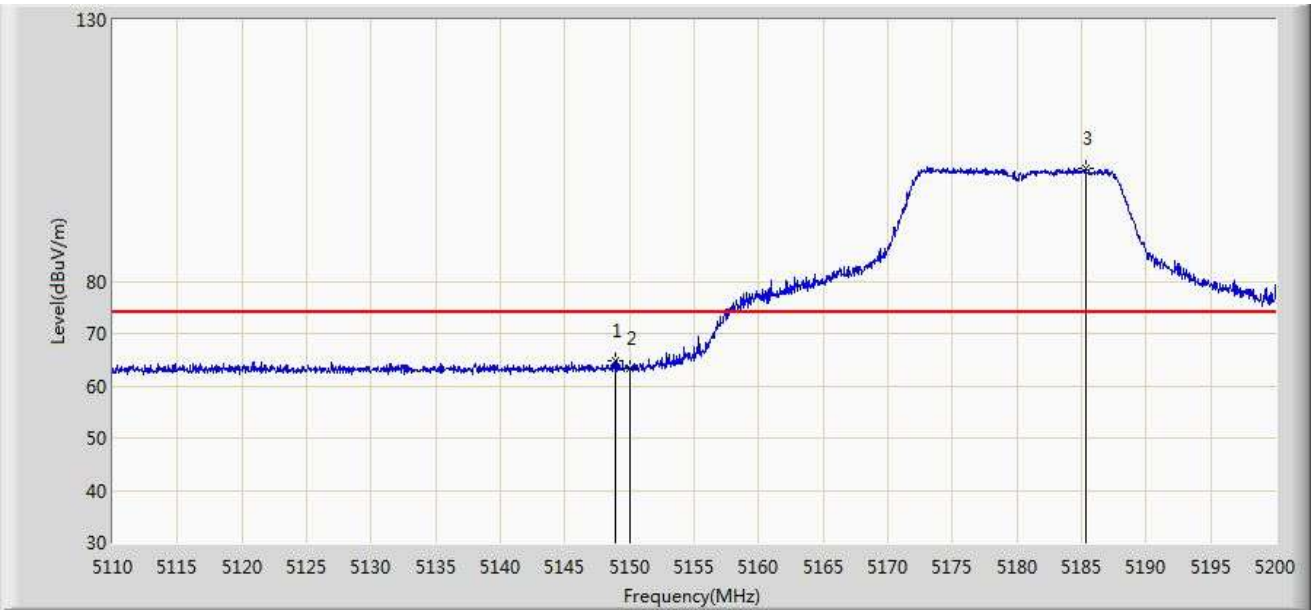
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.071	15.122	-0.929	54.000	37.949	AV
2		*	5751.950	81.634	43.529	N/A	N/A	38.105	AV
3			5860.000	52.609	14.131	-1.391	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Panel Antenna 2# and 3#

Site: AC1	Time: 2015/05/08 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

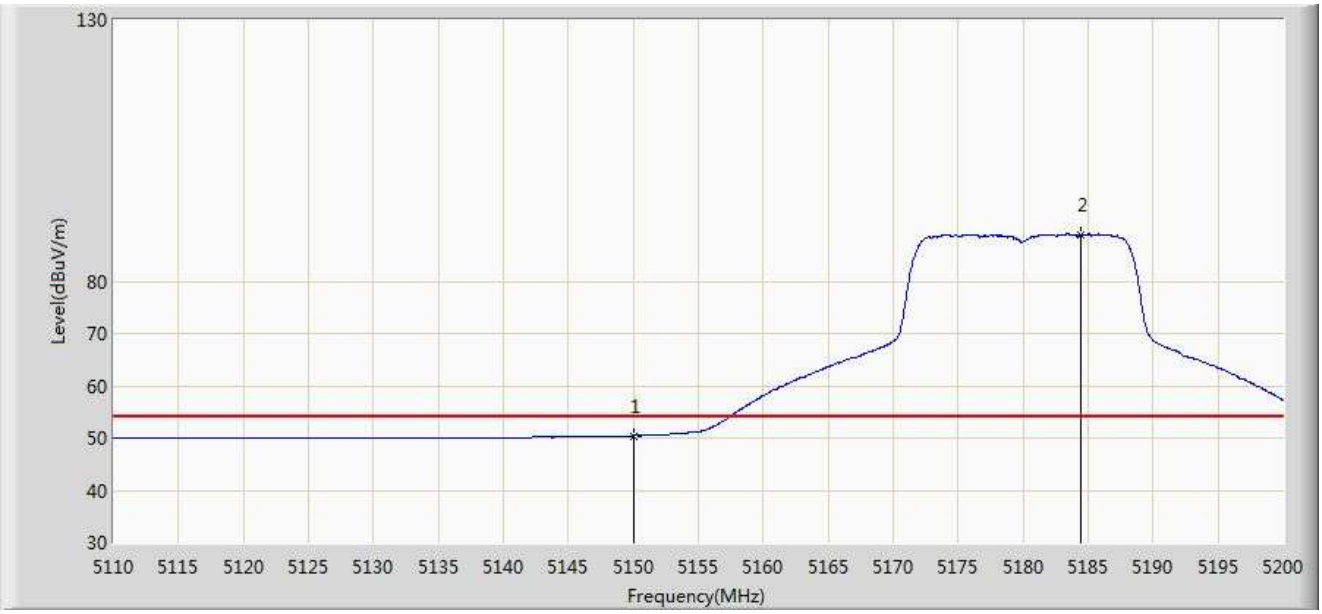


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	64.873	27.420	-9.127	74.000	37.454	PK
2			5150.000	63.381	25.929	-10.619	74.000	37.452	PK
3		*	5185.330	101.717	64.356	N/A	N/A	37.361	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

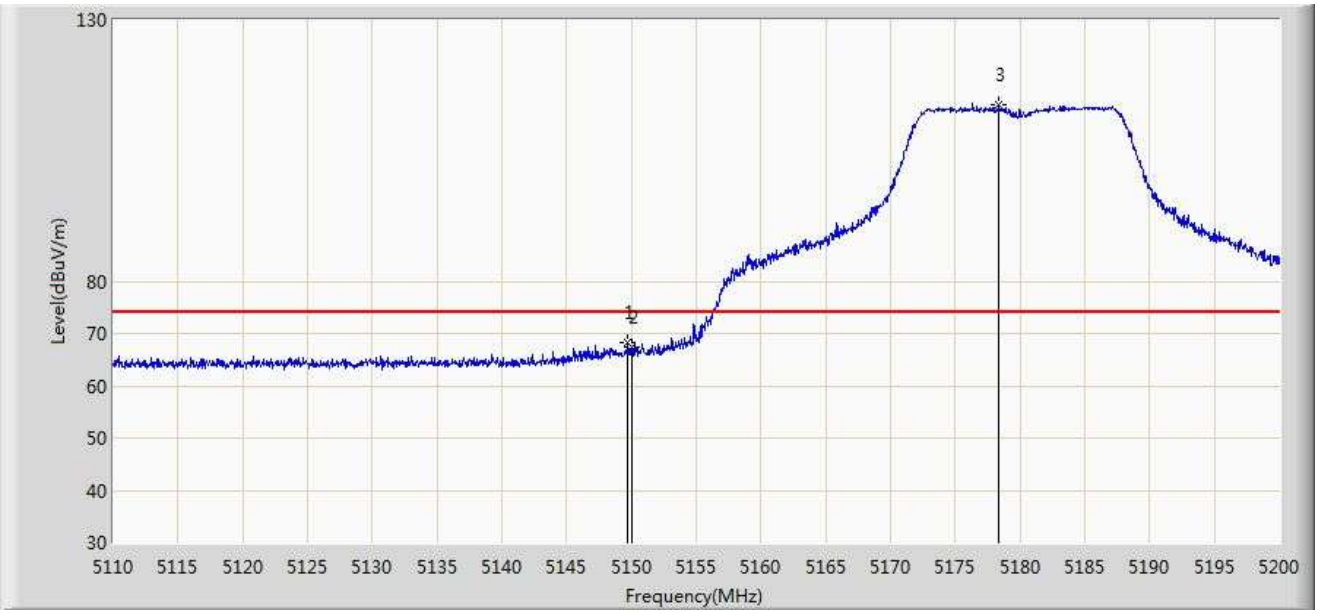


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.433	12.981	-3.567	54.000	37.452	AV
2		*	5184.430	88.914	51.551	N/A	N/A	37.363	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

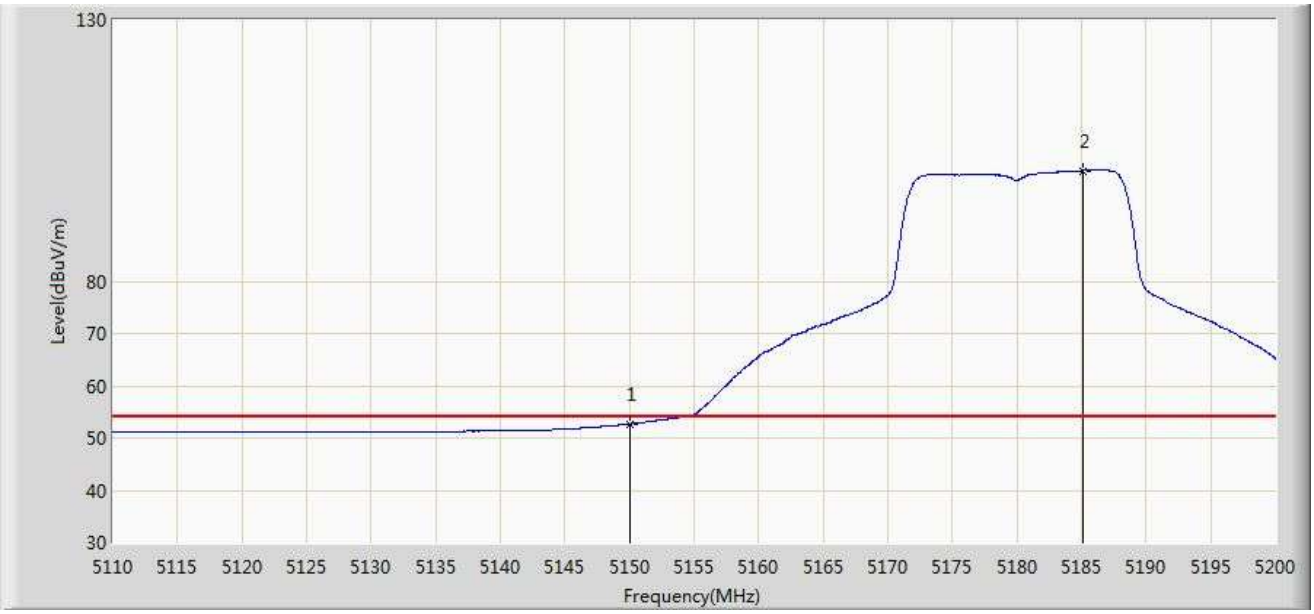


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.735	68.136	30.684	-5.864	74.000	37.452	PK
2			5150.000	67.329	29.877	-6.671	74.000	37.452	PK
3		*	5178.400	113.827	76.450	N/A	N/A	37.378	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

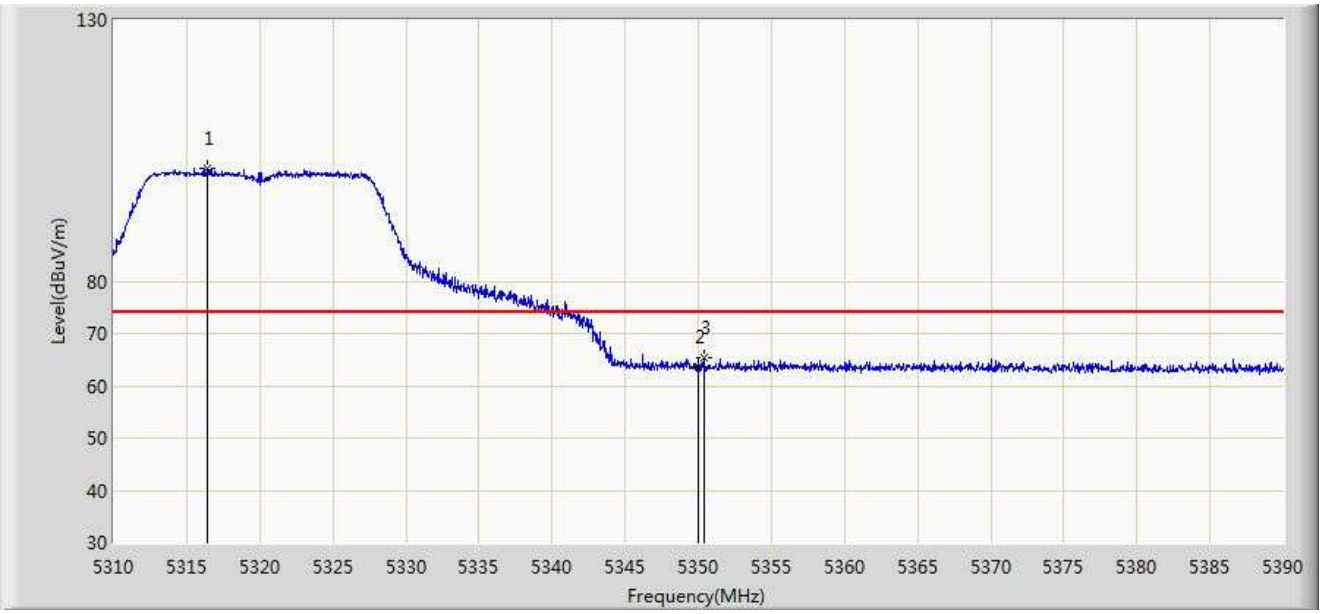


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.719	15.267	-1.281	54.000	37.452	AV
2		*	5185.105	101.155	63.794	N/A	N/A	37.361	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

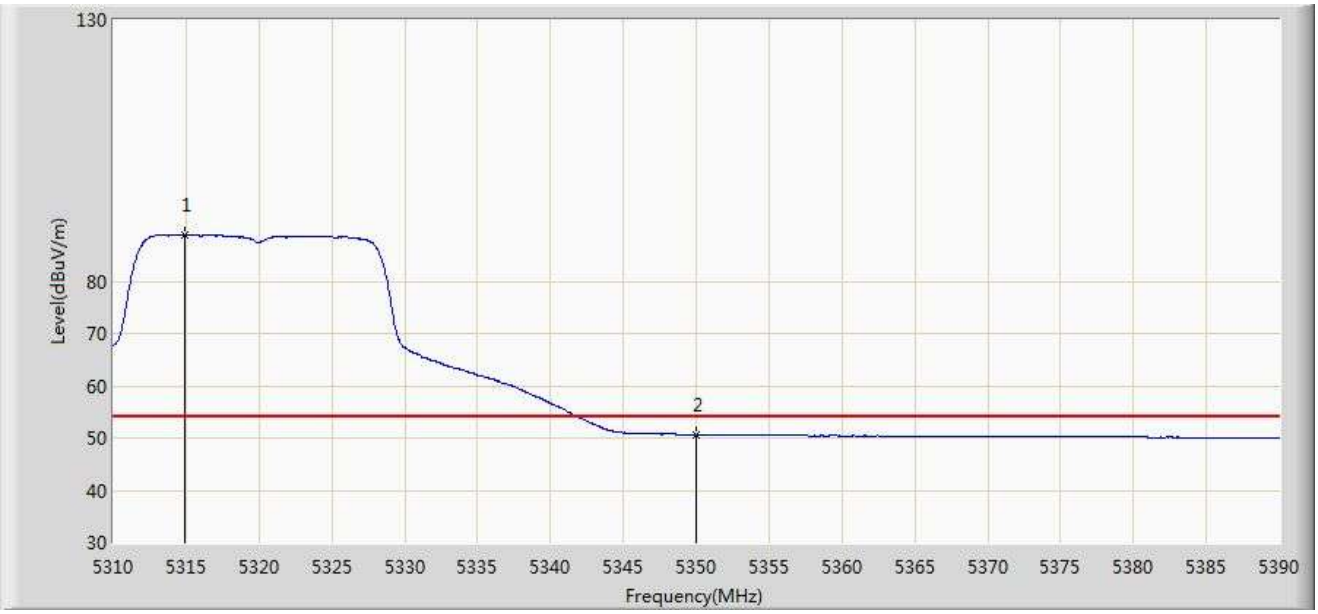


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.440	101.673	64.466	N/A	N/A	37.207	PK
2			5350.000	63.484	26.198	-10.516	74.000	37.286	PK
3			5350.360	65.377	28.089	-8.623	74.000	37.288	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

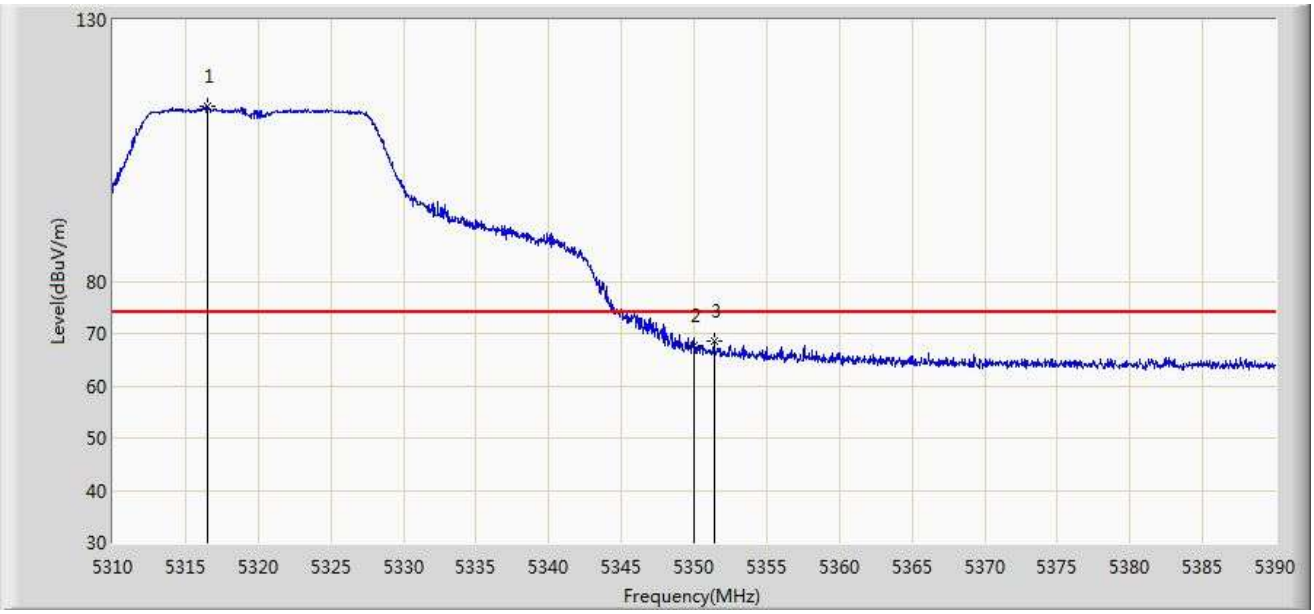


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.920	88.942	51.738	N/A	N/A	37.205	AV
2			5350.000	50.651	13.365	-3.349	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

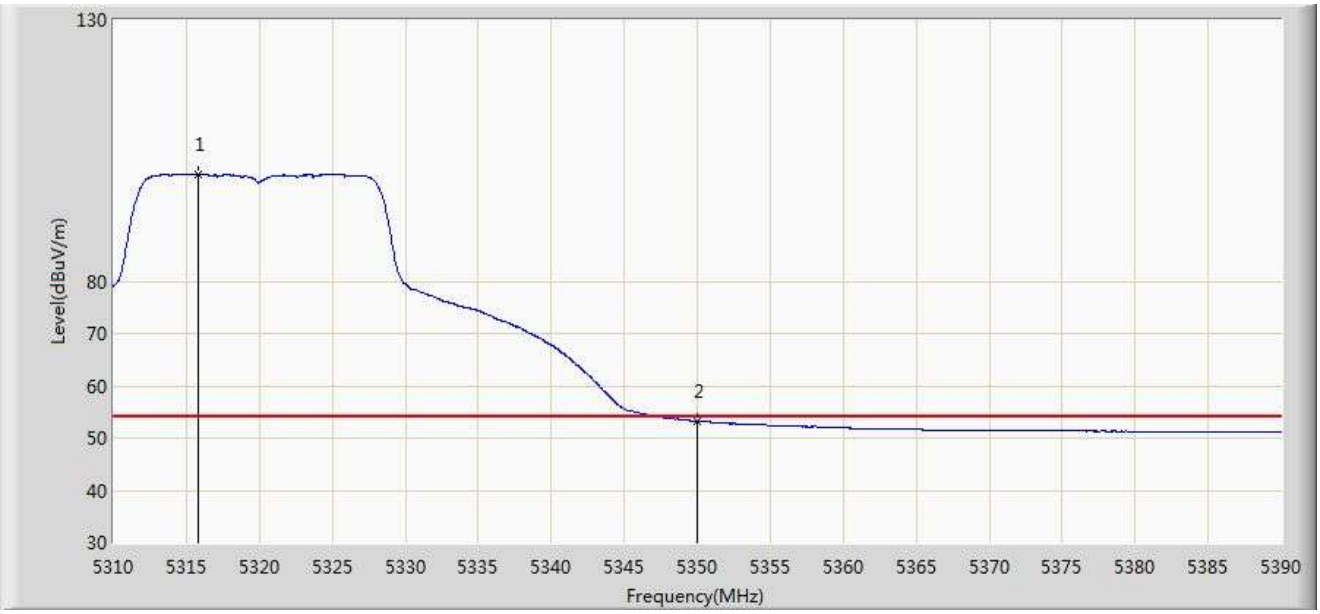


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.560	113.511	76.304	N/A	N/A	37.208	PK
2			5350.000	67.658	30.372	-6.342	74.000	37.286	PK
3			5351.400	68.474	31.183	-5.526	74.000	37.291	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

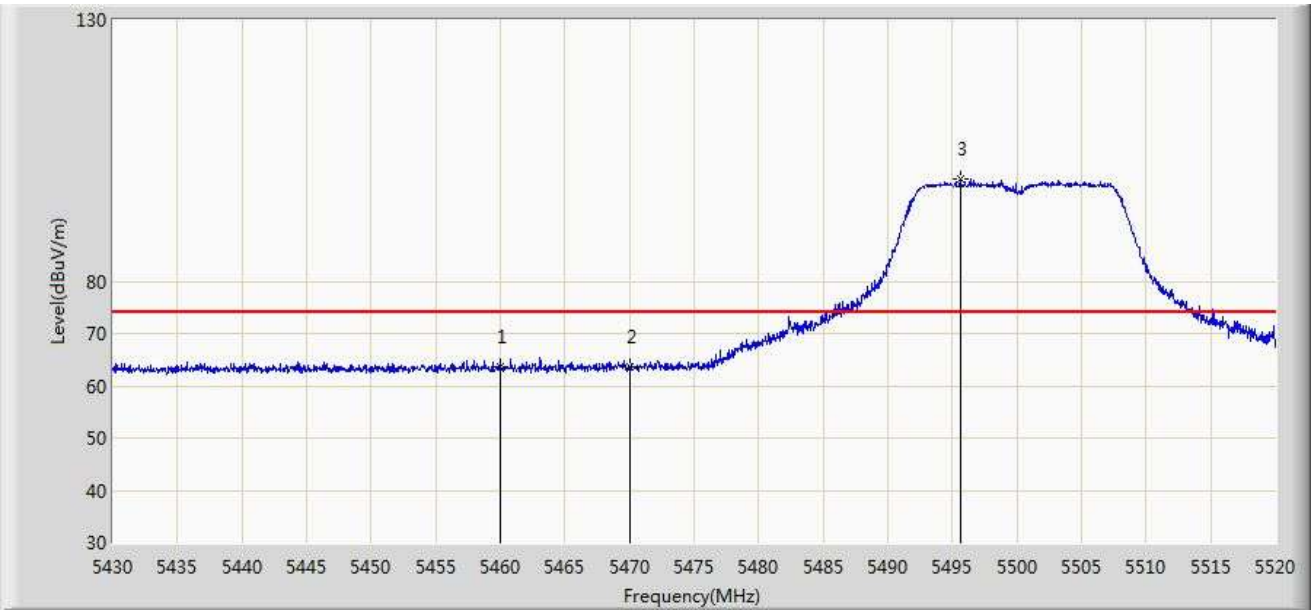


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.800	100.398	63.192	N/A	N/A	37.206	AV
2			5350.000	53.248	15.962	-0.752	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

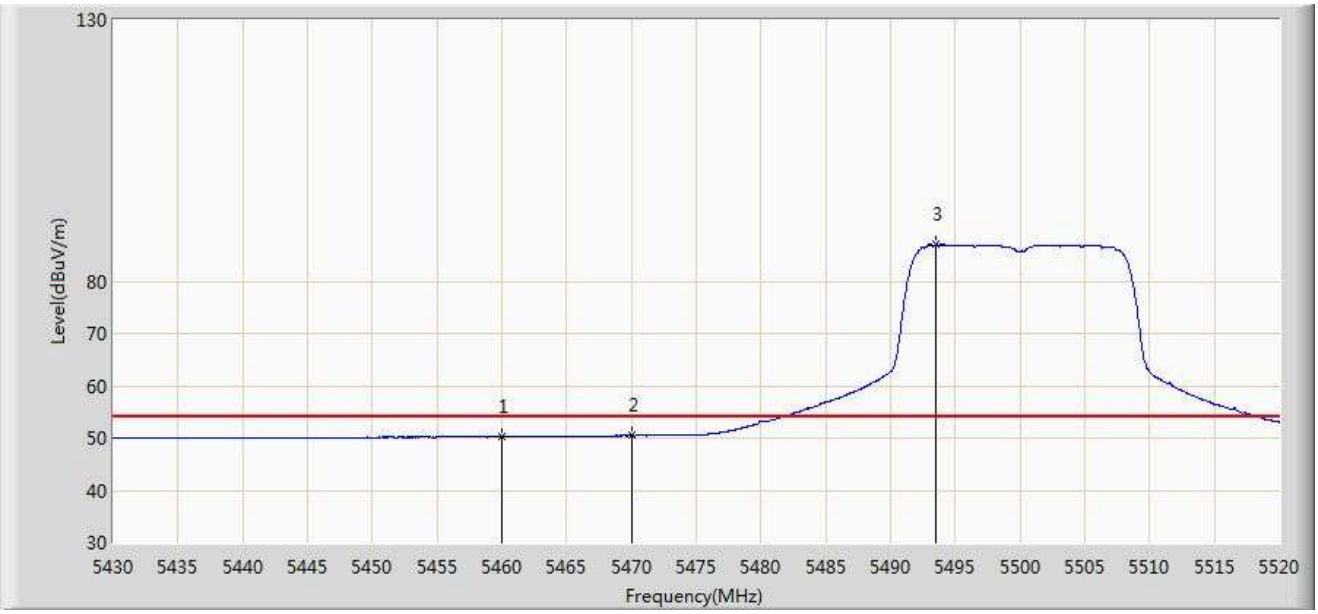


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.488	25.925	-10.512	74.000	37.563	PK
2			5470.000	63.509	25.920	-10.491	74.000	37.588	PK
3		*	5495.610	99.563	61.943	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

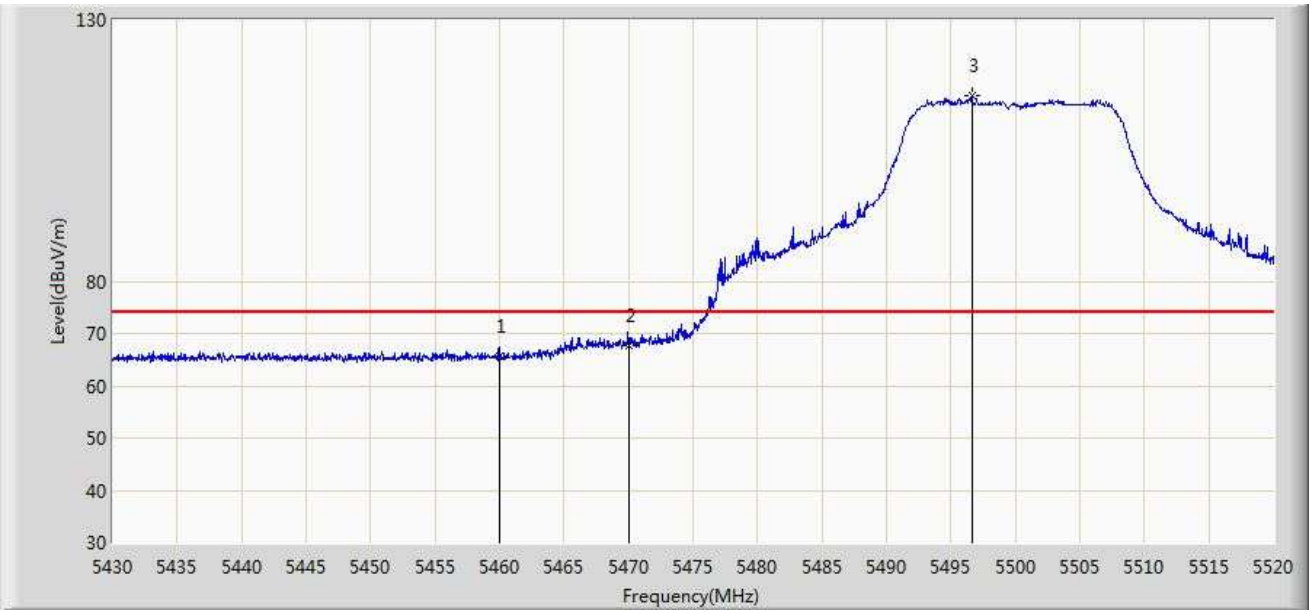


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.244	12.681	-3.756	54.000	37.563	AV
2			5470.000	50.455	12.866	-3.545	54.000	37.588	AV
3		*	5493.540	86.989	49.372	N/A	N/A	37.617	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

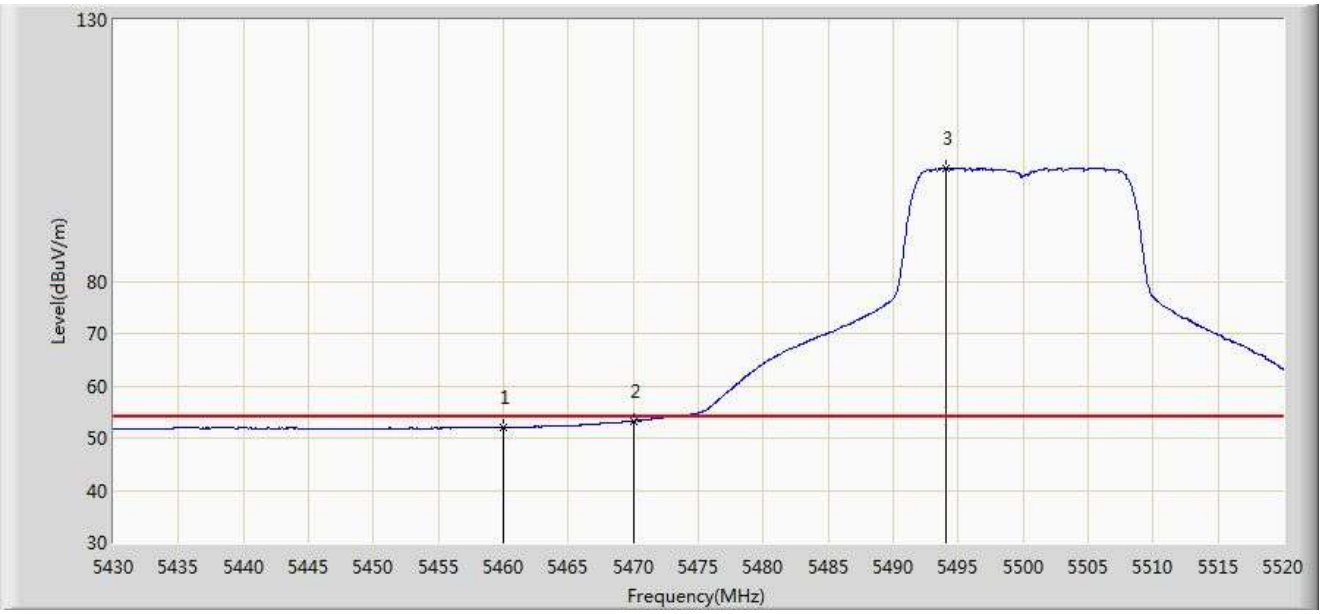


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.670	28.107	-8.330	74.000	37.563	PK
2			5470.000	67.820	30.231	-6.180	74.000	37.588	PK
3		*	5496.600	115.638	78.017	N/A	N/A	37.621	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

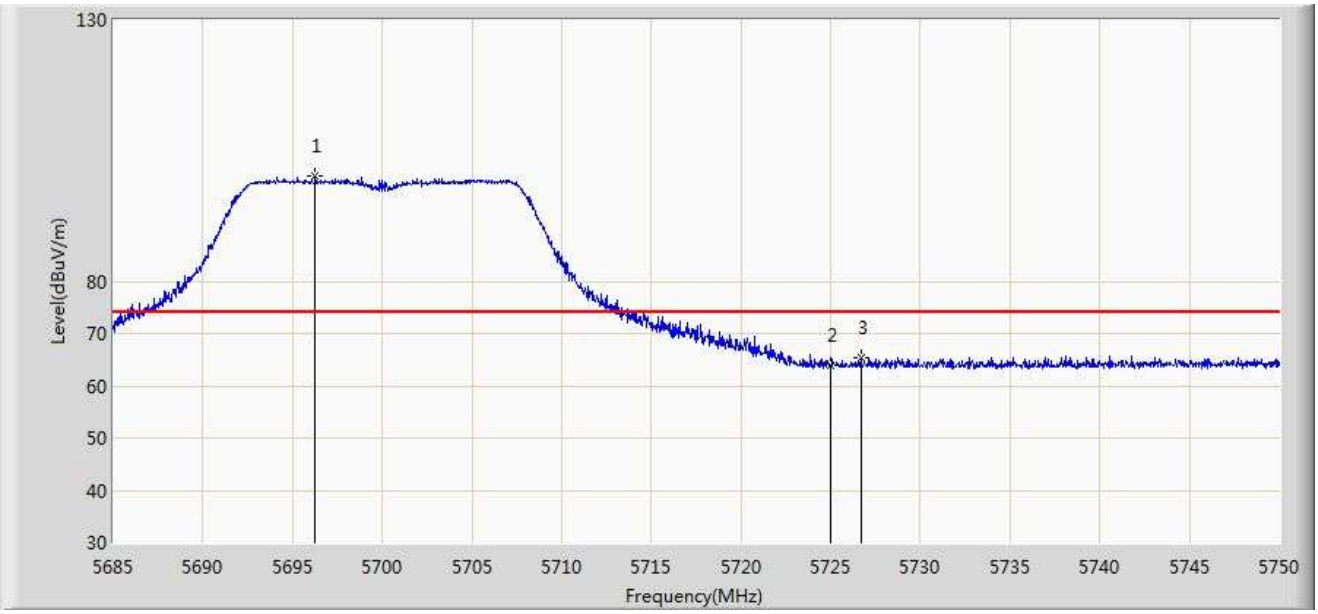


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.966	14.403	-2.034	54.000	37.563	AV
2			5470.000	53.286	15.697	-0.714	54.000	37.588	AV
3		*	5494.080	101.609	63.991	N/A	N/A	37.618	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

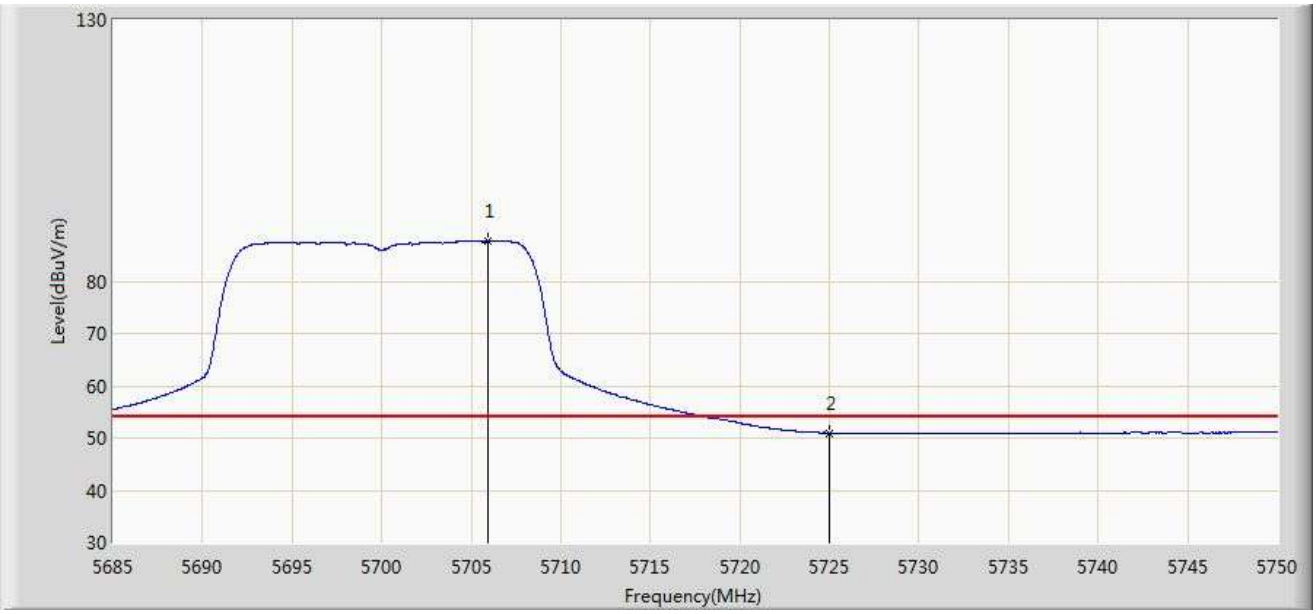


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.277	100.264	62.381	N/A	N/A	37.883	PK
2			5725.000	63.773	25.783	-10.227	74.000	37.990	PK
3			5726.665	65.438	27.442	-8.562	74.000	37.996	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

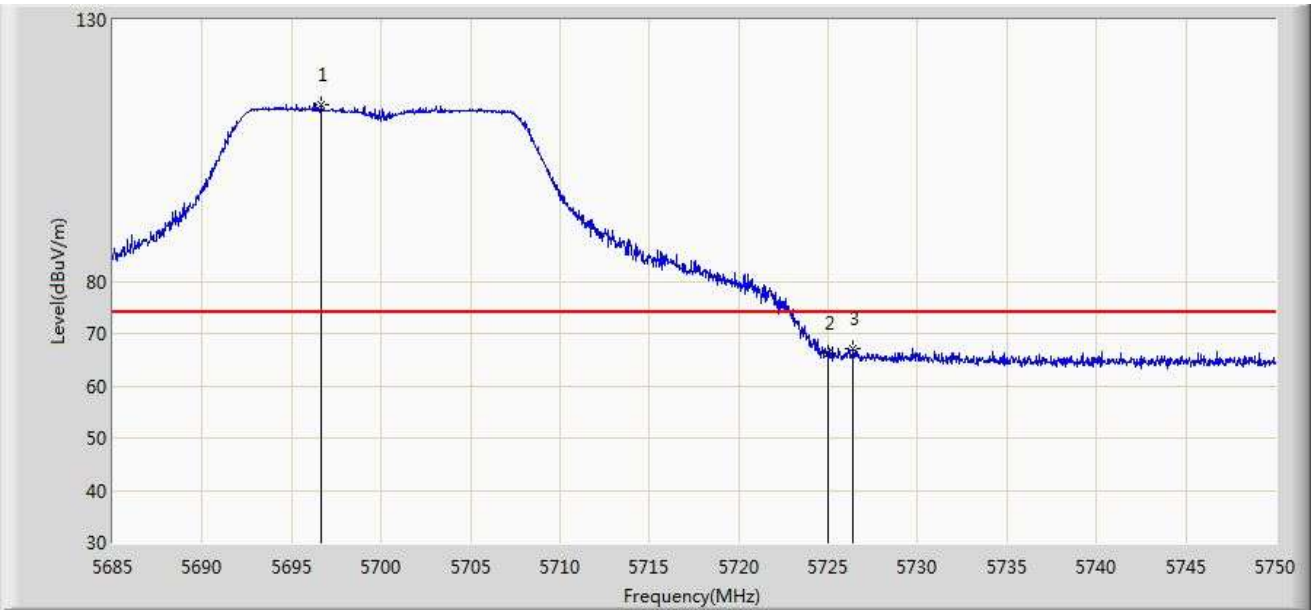


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.897	87.614	49.702	N/A	N/A	37.912	AV
2			5725.000	50.999	13.009	-3.001	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

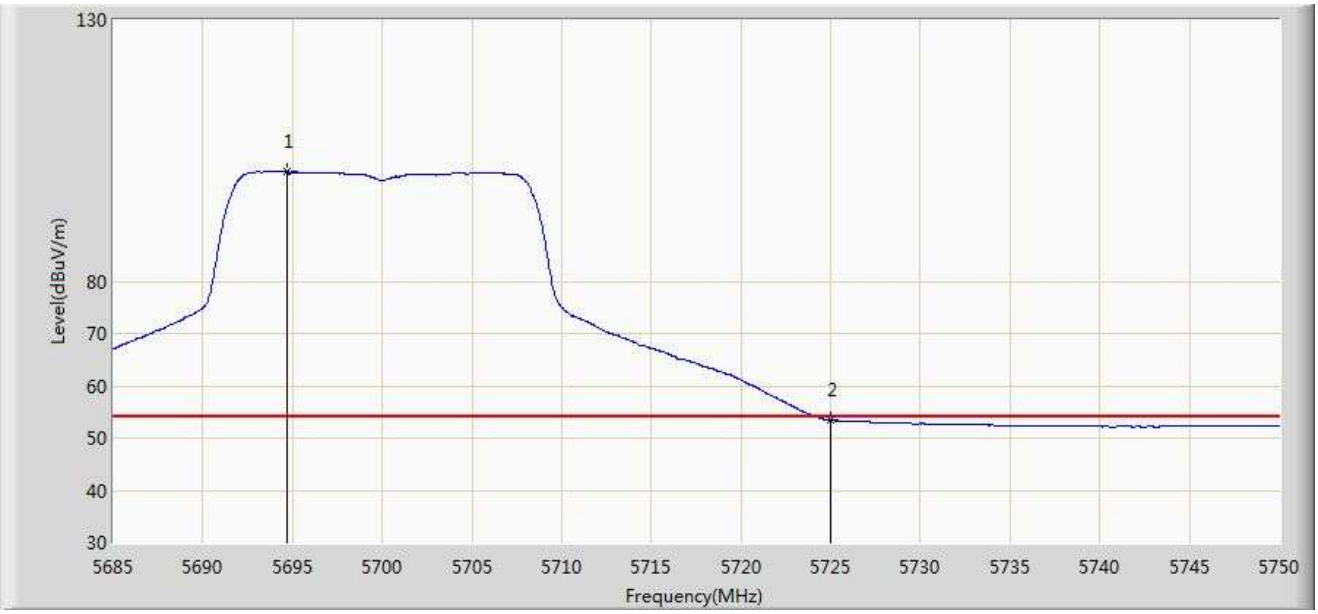


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.635	113.710	75.826	N/A	N/A	37.884	PK
2			5725.000	66.169	28.179	-7.831	74.000	37.990	PK
3			5726.405	67.203	29.208	-6.797	74.000	37.995	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

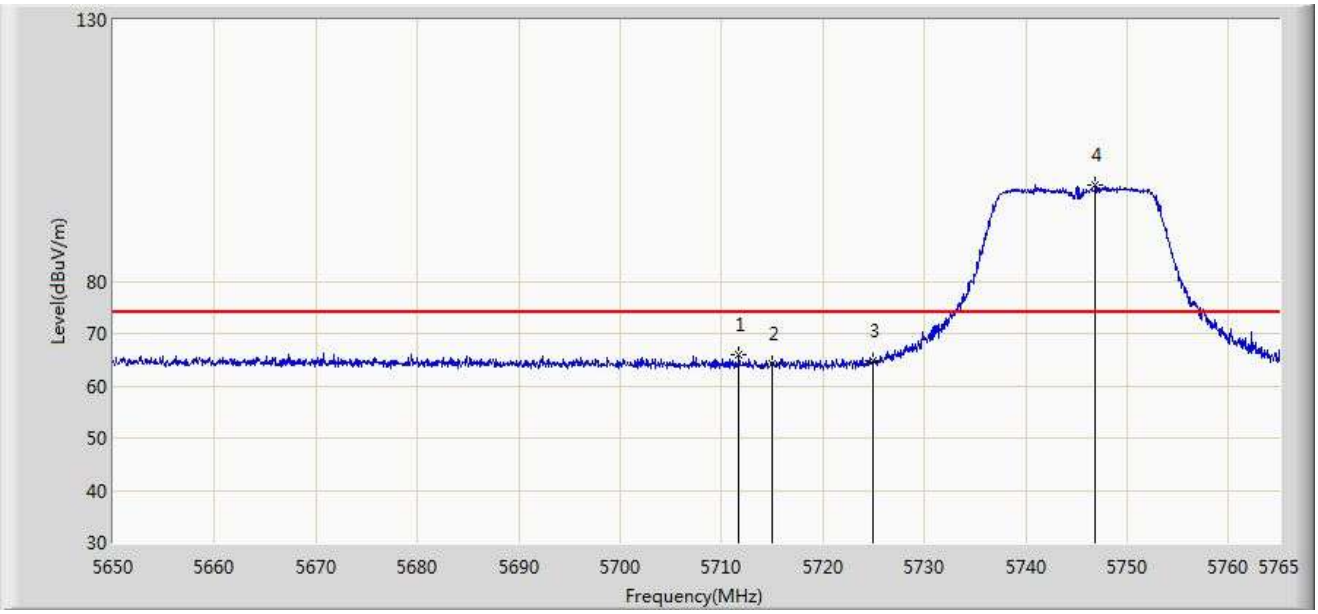


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.685	101.029	63.150	N/A	N/A	37.879	AV
2			5725.000	53.400	15.410	-0.600	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

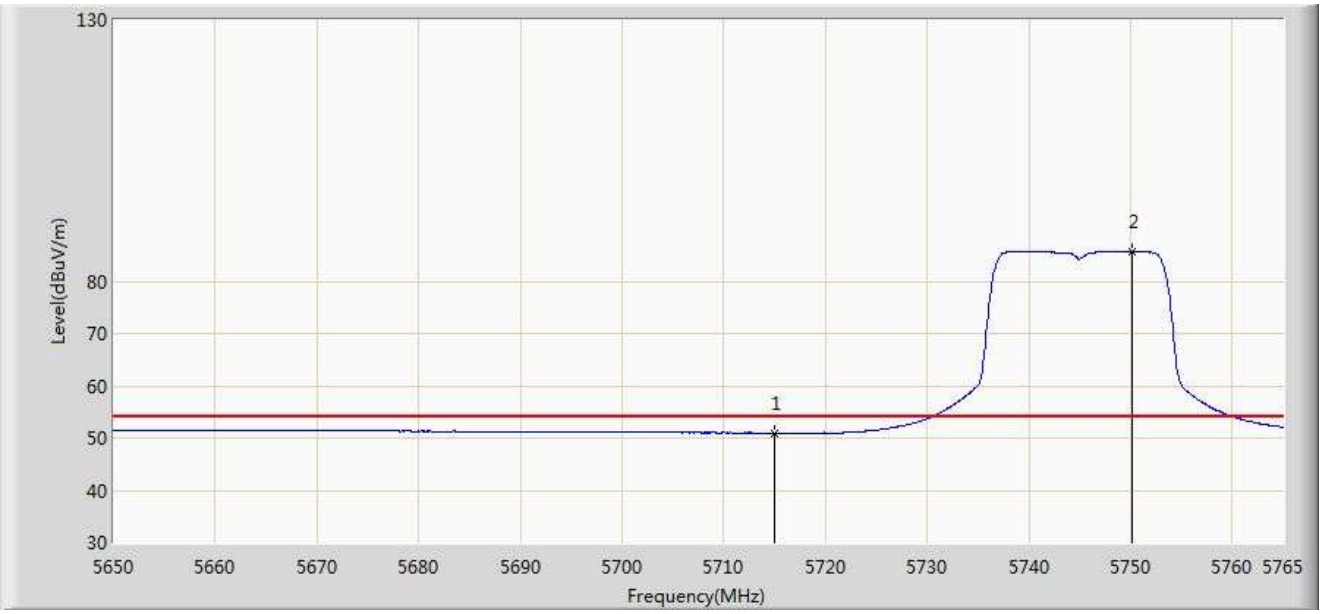


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.697	65.925	27.989	-8.075	74.000	37.936	PK
2			5715.000	64.096	26.147	-9.904	74.000	37.949	PK
3			5725.000	64.716	26.726	- 13.484	78.200	37.990	PK
4		*	5746.888	98.300	60.219	N/A	N/A	38.081	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

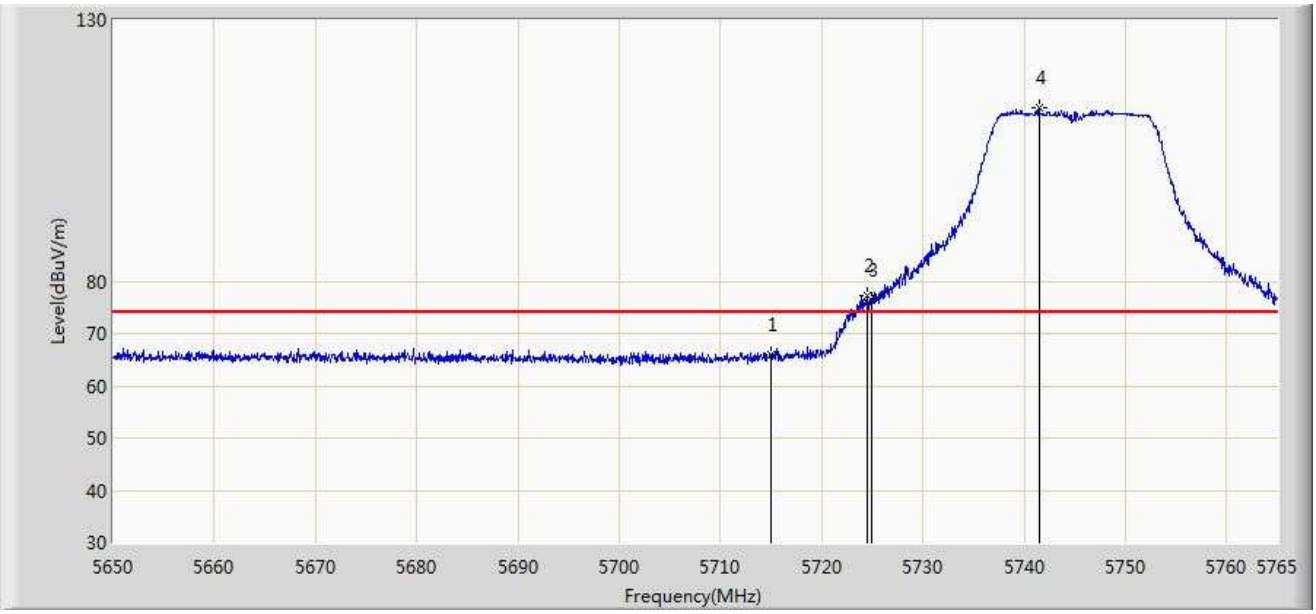


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.954	13.005	-3.046	54.000	37.949	AV
2		*	5750.107	85.696	47.600	N/A	N/A	38.097	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

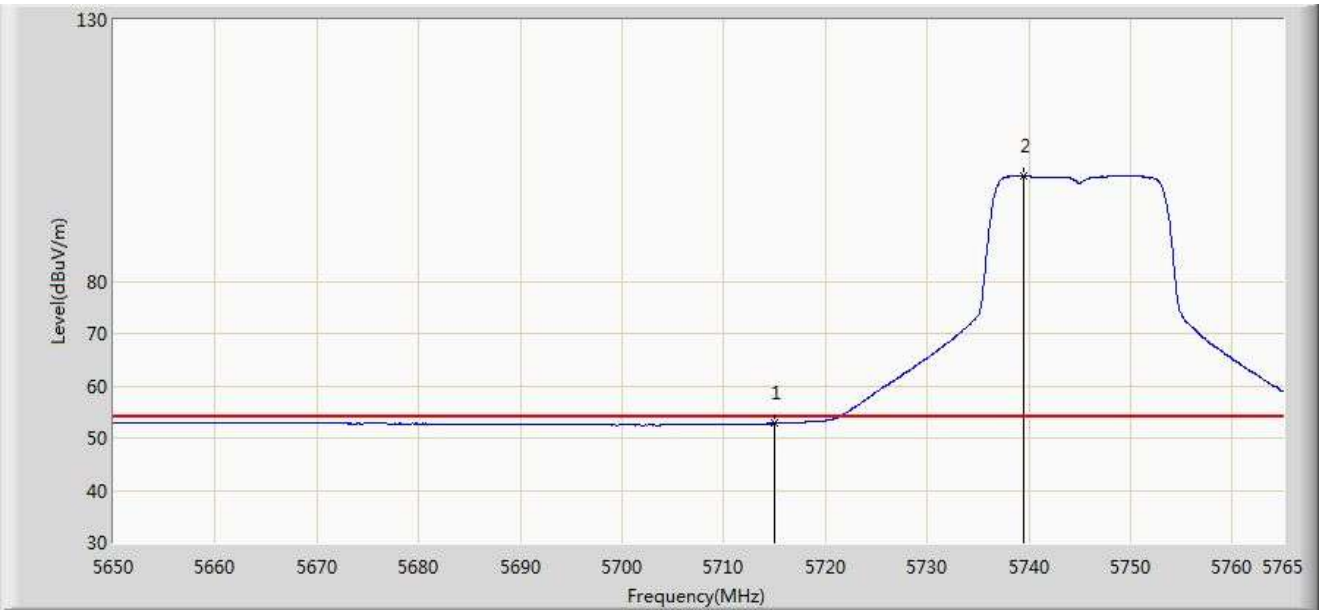


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.812	27.863	-8.188	74.000	37.949	PK
2			5724.520	77.196	39.208	-1.004	78.200	37.988	PK
3			5725.000	76.468	38.478	-1.732	78.200	37.990	PK
4		*	5741.482	113.079	75.022	N/A	N/A	38.057	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

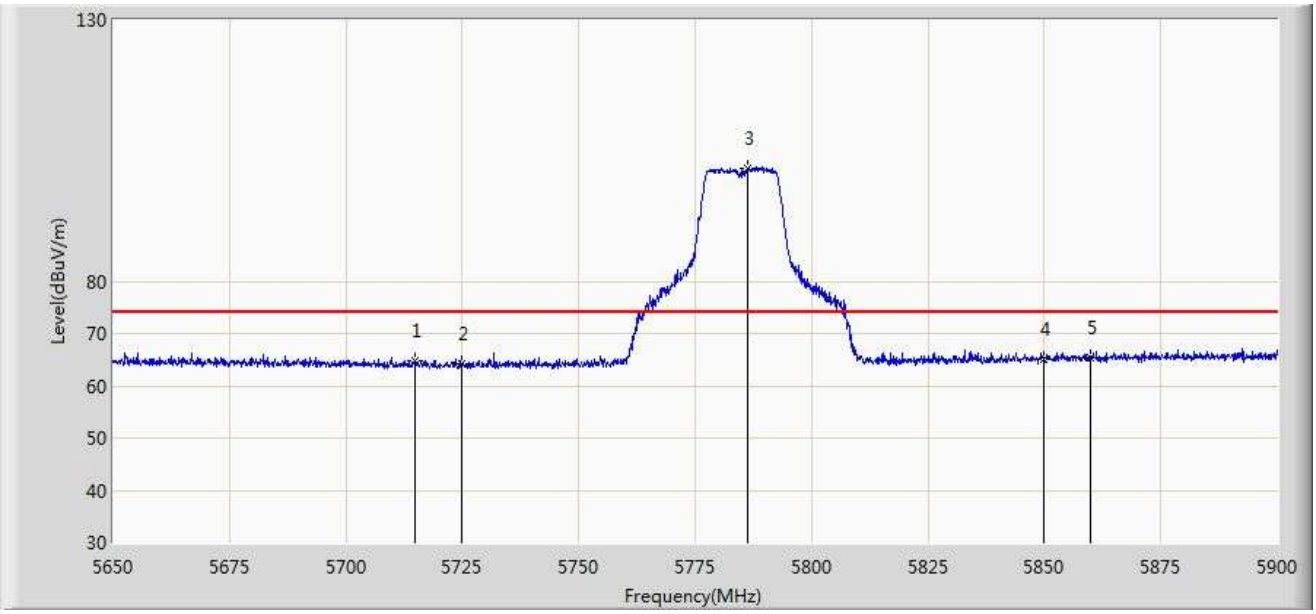


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.774	14.825	-1.226	54.000	37.949	AV
2		*	5739.527	100.081	62.032	N/A	N/A	38.049	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

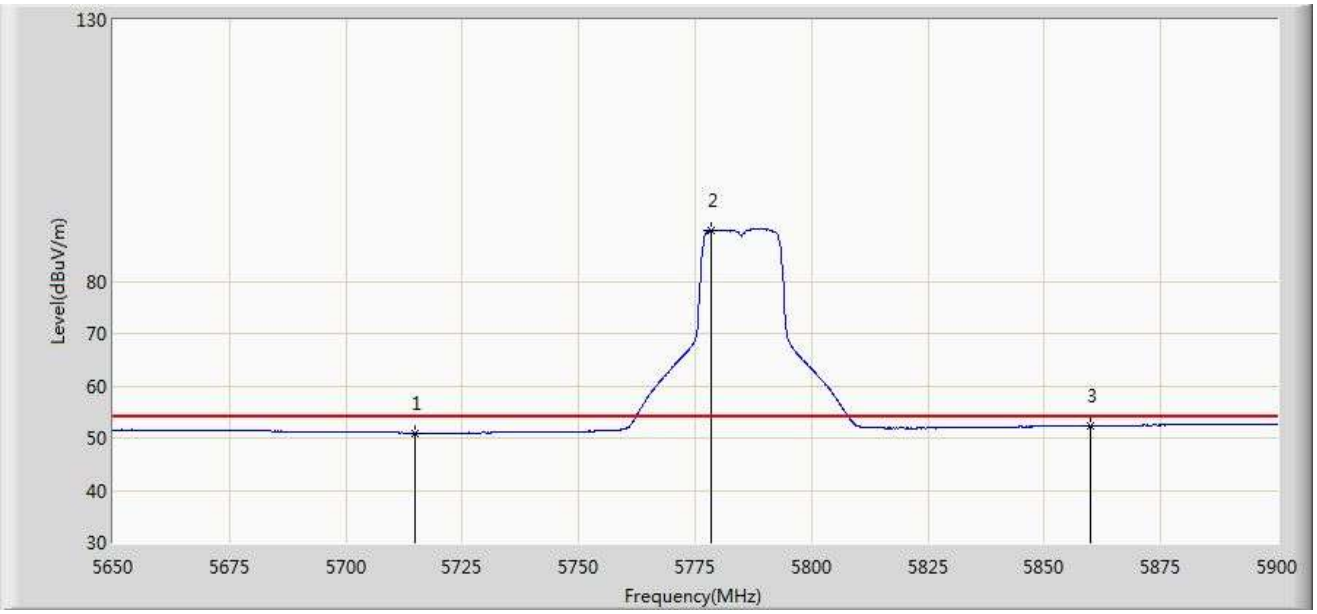


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.678	26.729	-9.322	74.000	37.949	PK
2			5725.000	64.117	26.127	-14.083	78.200	37.990	PK
3		*	5786.375	101.598	63.380	N/A	N/A	38.218	PK
4			5850.000	65.022	26.569	-13.178	78.200	38.454	PK
5			5860.000	65.235	26.757	-8.765	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

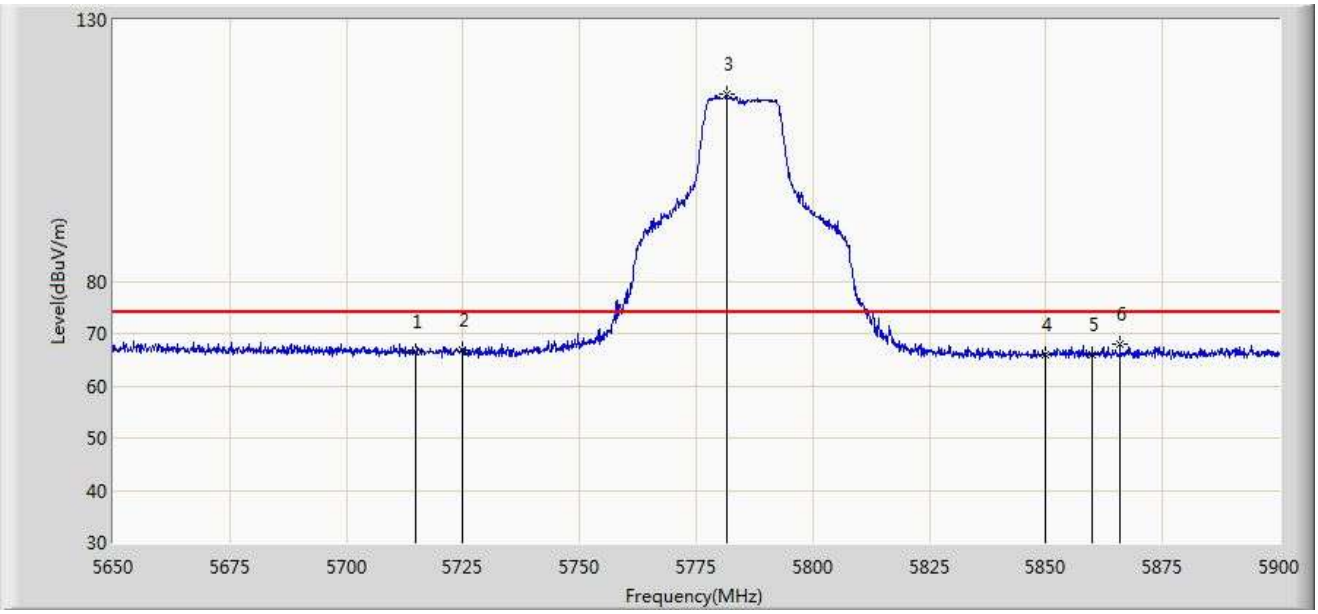


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.001	13.052	-2.999	54.000	37.949	AV
2		*	5778.500	89.795	51.606	N/A	N/A	38.189	AV
3			5860.000	52.327	13.849	-1.673	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

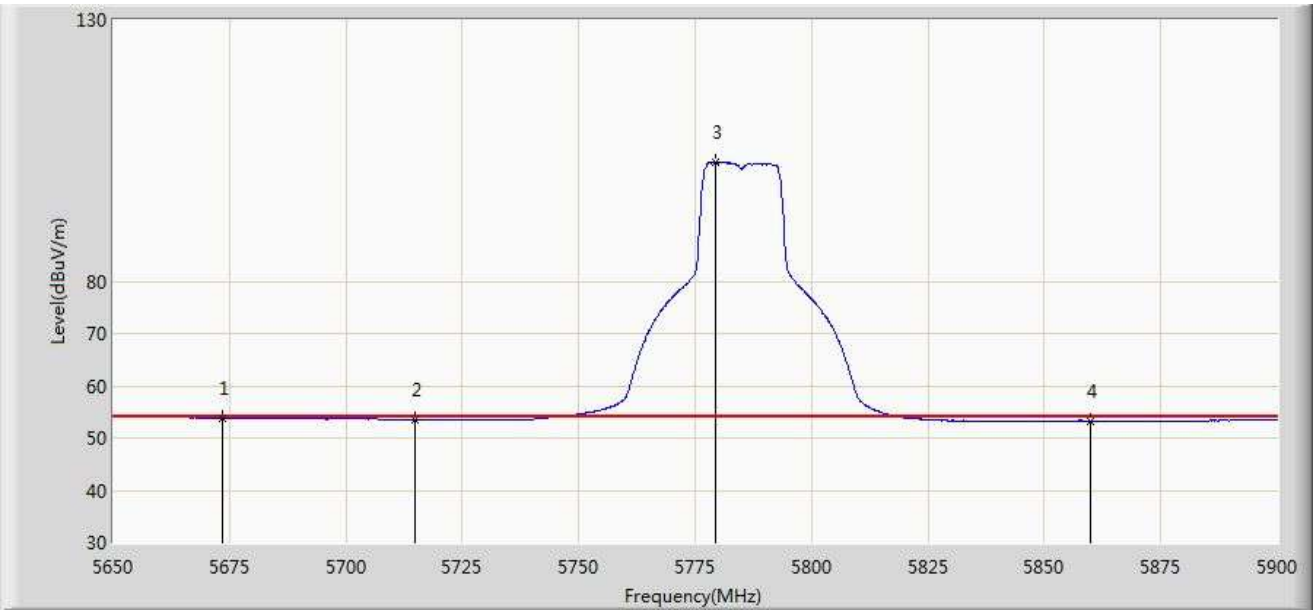


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.491	28.542	-7.509	74.000	37.949	PK
2			5725.000	66.759	28.769	-11.441	78.200	37.990	PK
3		*	5781.500	115.842	77.642	N/A	N/A	38.200	PK
4			5850.000	65.954	27.501	-12.246	78.200	38.454	PK
5			5860.000	65.850	27.372	-8.150	74.000	38.478	PK
6			5865.875	68.047	29.560	-5.953	74.000	38.487	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

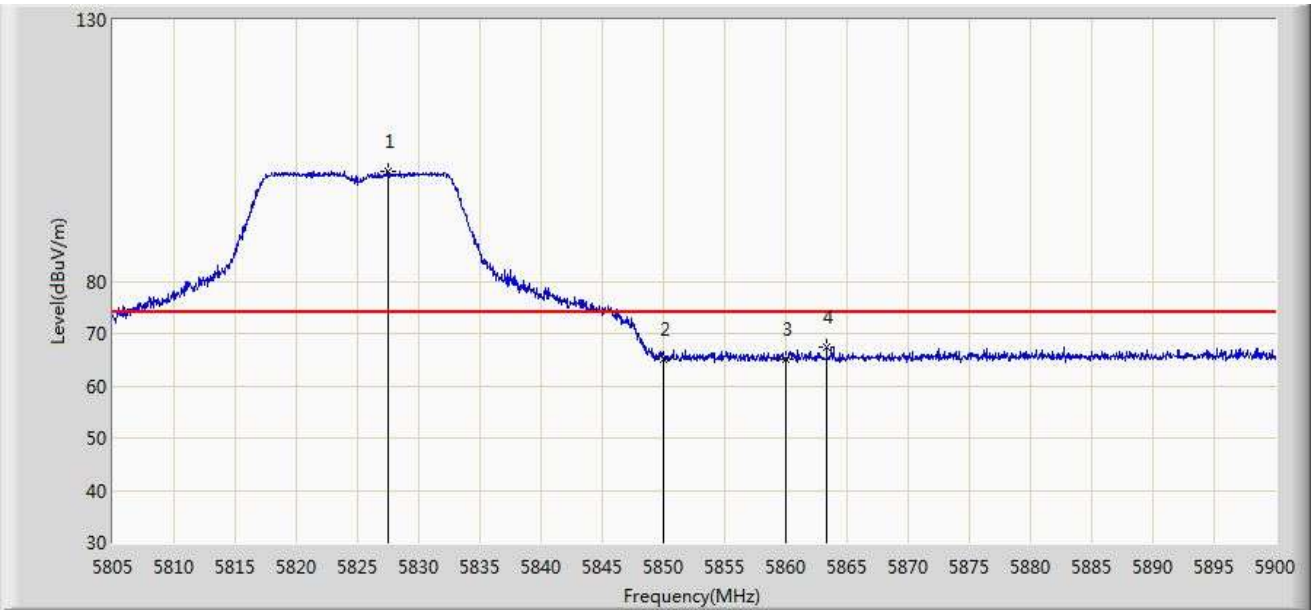


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5673.625	53.790	15.976	-0.210	54.000	37.814	AV
2			5715.000	53.539	15.590	-0.461	54.000	37.949	AV
3		*	5779.500	102.828	64.636	N/A	N/A	38.192	AV
4			5860.000	53.260	14.782	-0.740	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

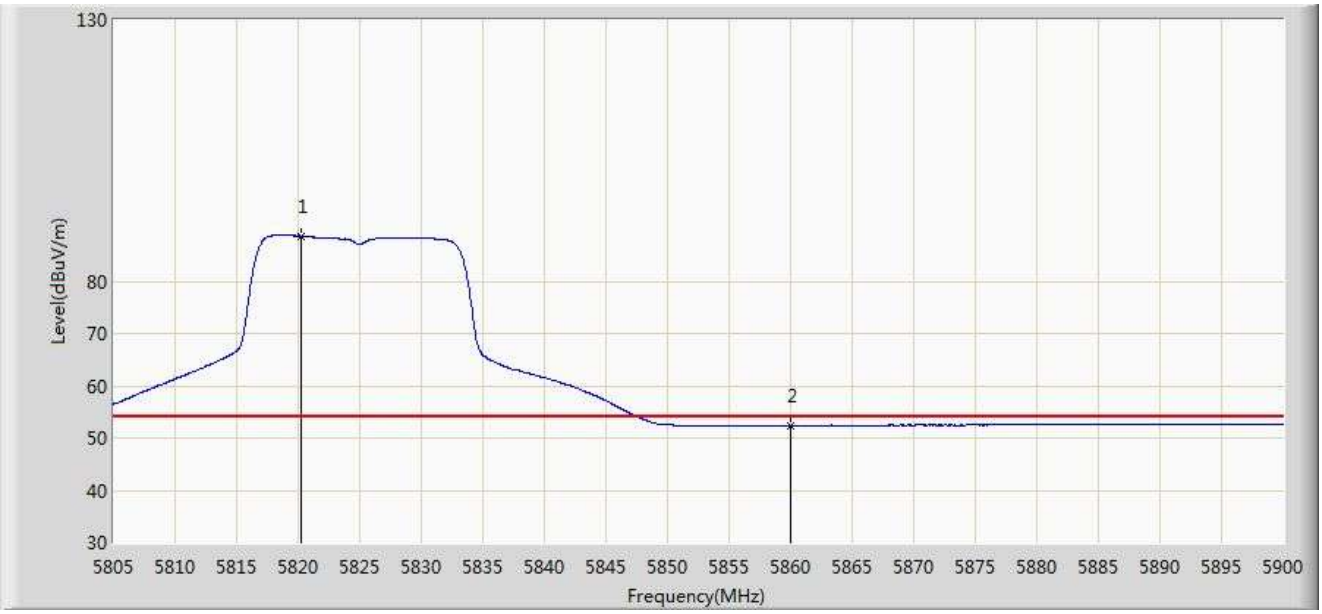


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.515	100.967	62.601	N/A	N/A	38.366	PK
2			5850.000	65.210	26.757	-12.990	78.200	38.454	PK
3			5860.000	65.106	26.628	-8.894	74.000	38.478	PK
4			5863.330	67.319	28.835	-6.681	74.000	38.484	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

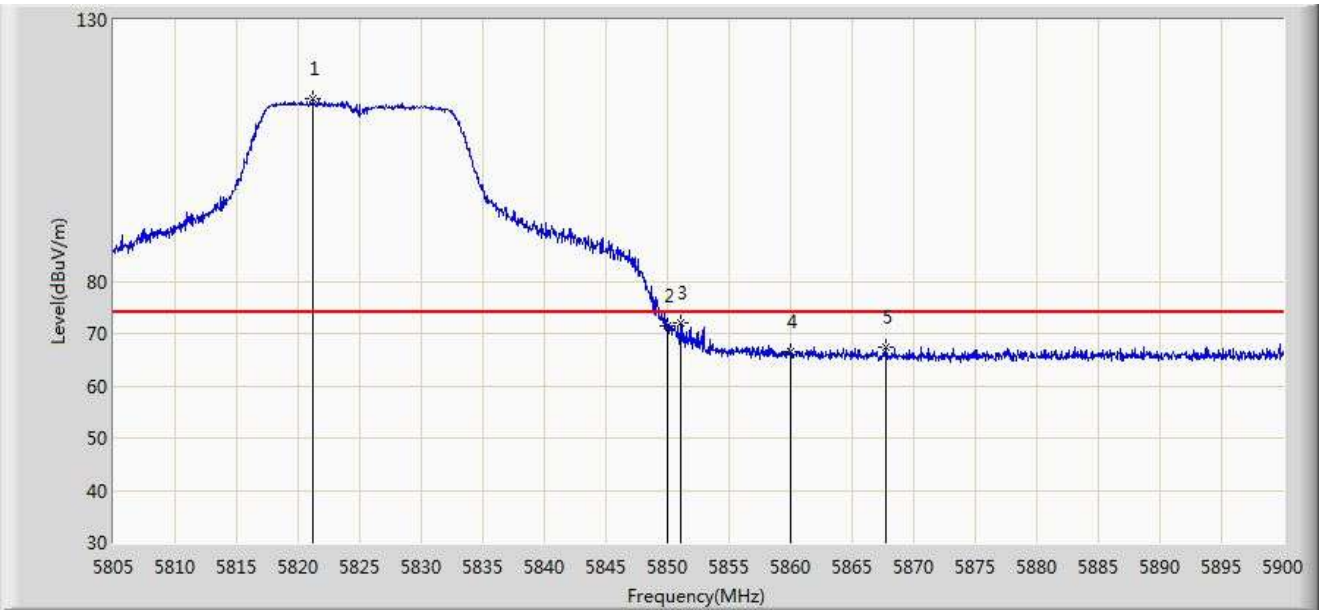


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.295	88.609	50.273	N/A	N/A	38.336	AV
2			5860.000	52.385	13.907	-1.615	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

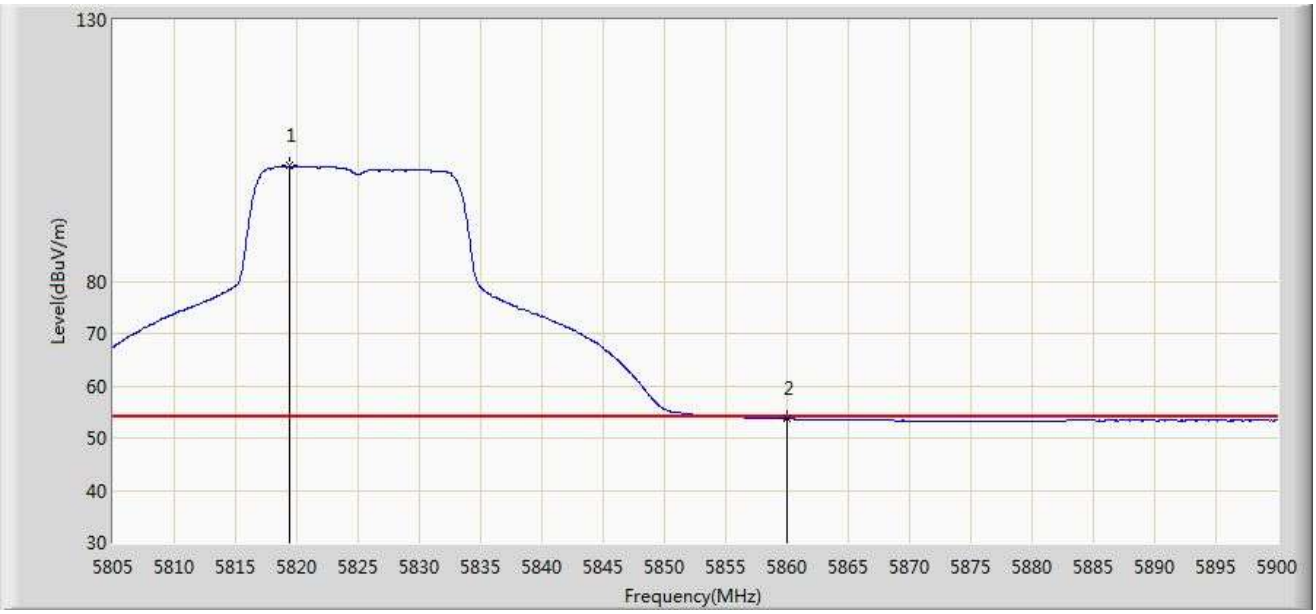


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.197	114.787	76.447	N/A	N/A	38.340	PK
2			5850.000	71.397	32.944	-6.803	78.200	38.454	PK
3			5851.027	71.975	33.519	-6.225	78.200	38.455	PK
4			5860.000	66.445	27.967	-7.555	74.000	38.478	PK
5			5867.700	67.462	28.973	-6.538	74.000	38.489	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/08 - 03:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5785MHz Ant 0	

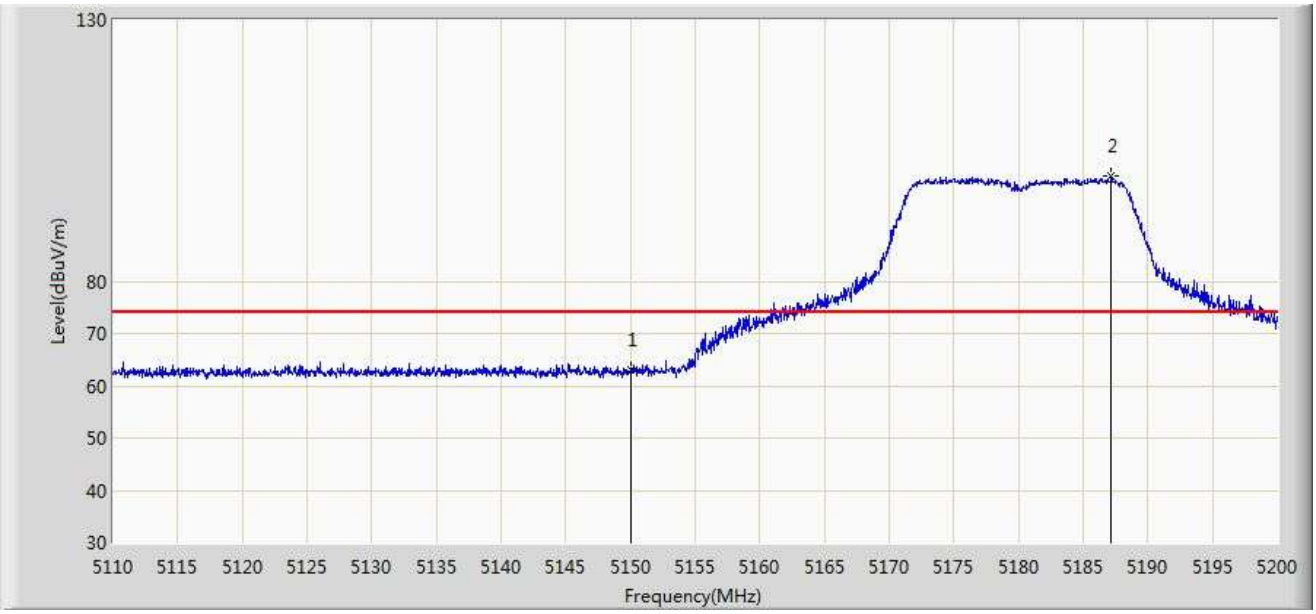


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.440	102.031	63.698	N/A	N/A	38.332	AV
2			5860.000	53.649	15.171	-0.351	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0	

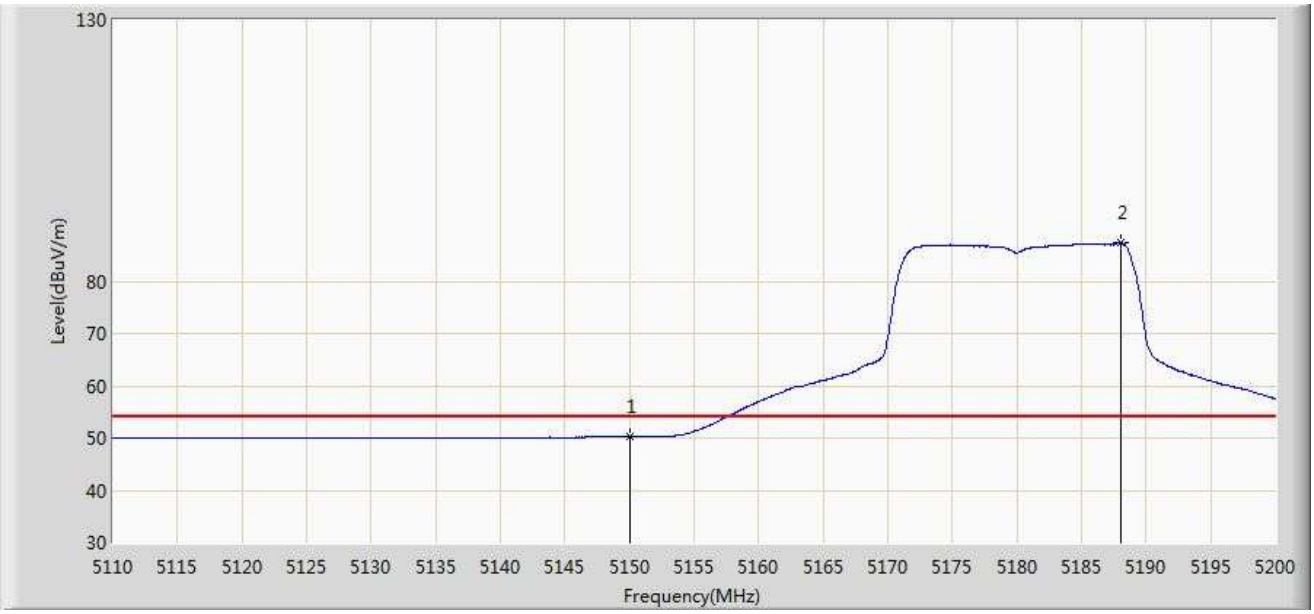


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.172	25.720	-10.828	74.000	37.452	PK
2		*	5187.175	100.147	62.791	N/A	N/A	37.356	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0	

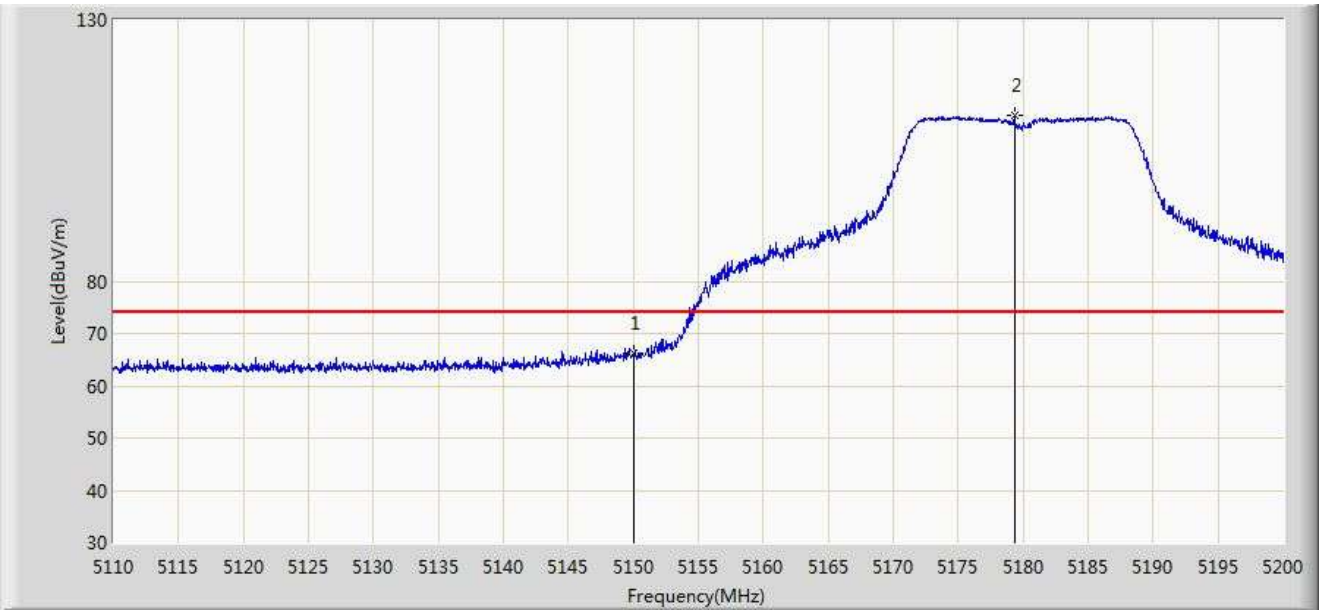


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.241	12.789	-3.759	54.000	37.452	AV
2		*	5188.075	87.369	50.015	N/A	N/A	37.353	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.209	28.757	-7.791	74.000	37.452	PK
2		*	5179.345	111.720	74.345	N/A	N/A	37.375	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

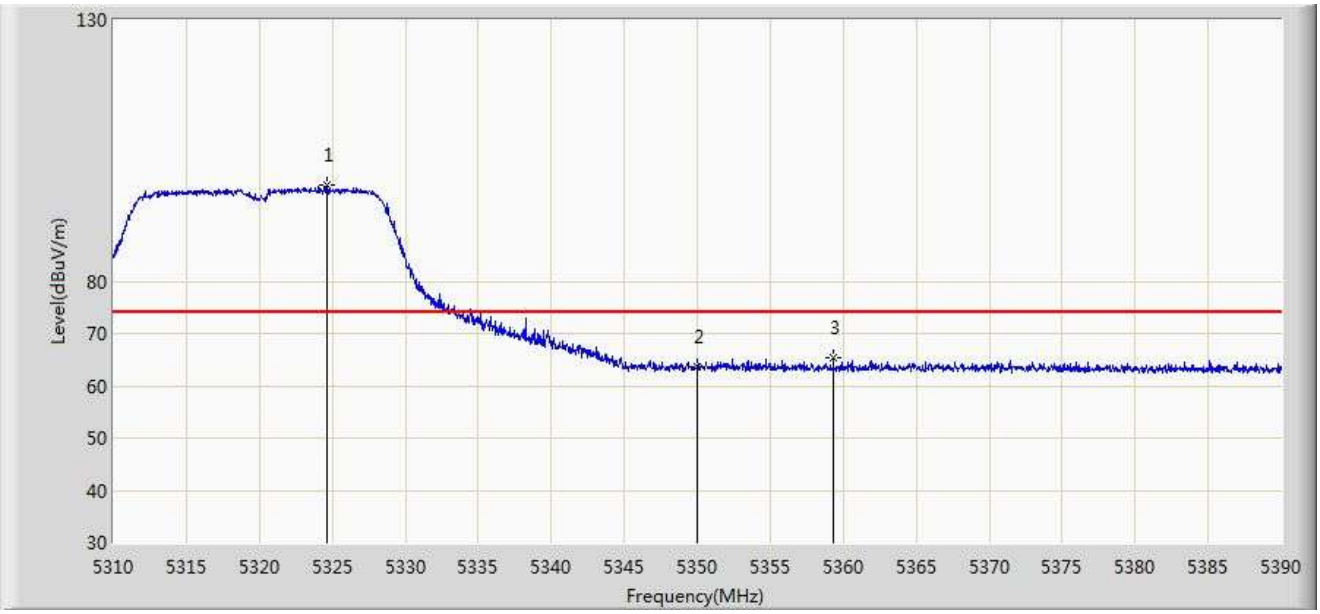
Site: AC1	Time: 2015/05/09 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.755	15.303	-1.245	54.000	37.452	AV
2		*	5186.635	99.102	61.745	N/A	N/A	37.357	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0	

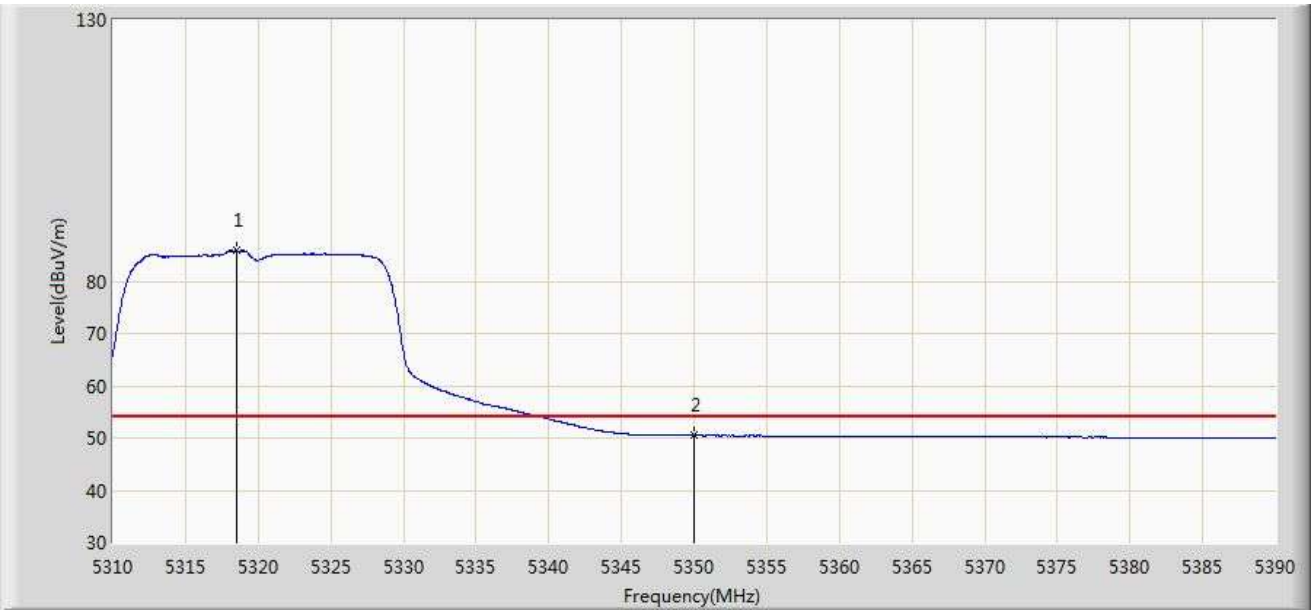


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.680	98.355	61.133	N/A	N/A	37.222	PK
2			5350.000	63.620	26.334	-10.380	74.000	37.286	PK
3			5359.320	65.477	28.165	-8.523	74.000	37.312	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0	

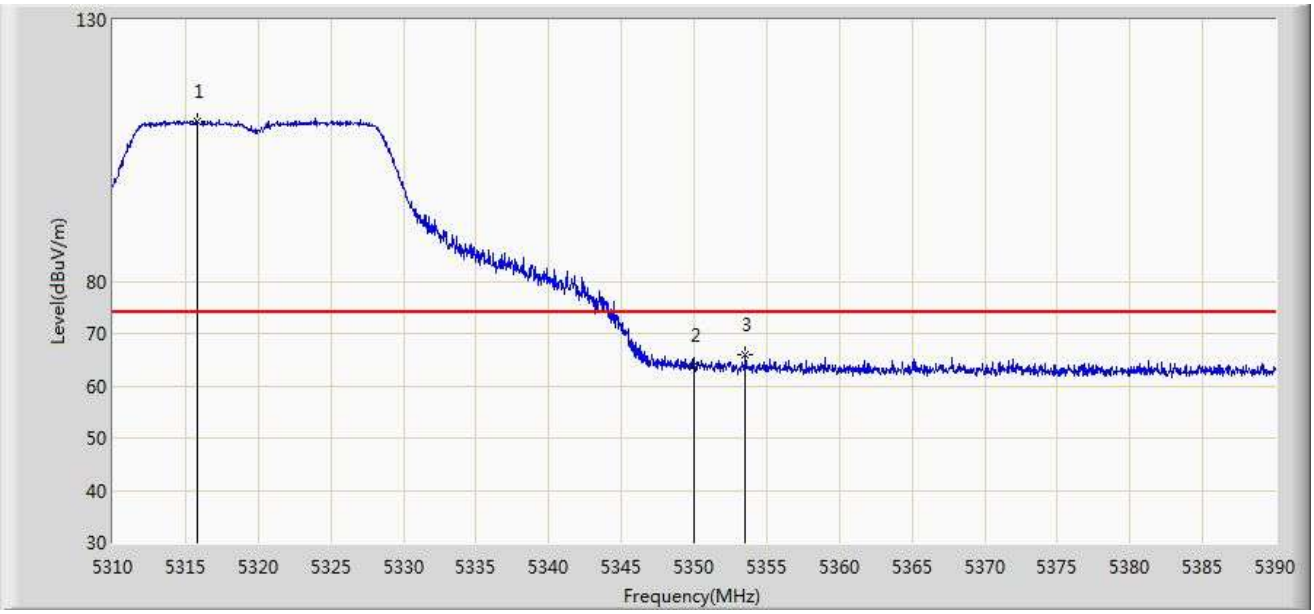


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.560	85.803	48.592	N/A	N/A	37.211	AV
2			5350.000	50.466	13.180	-3.534	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.840	110.667	73.461	N/A	N/A	37.206	PK
2			5350.000	63.894	26.608	-10.106	74.000	37.286	PK
3			5353.520	65.903	28.606	-8.097	74.000	37.296	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

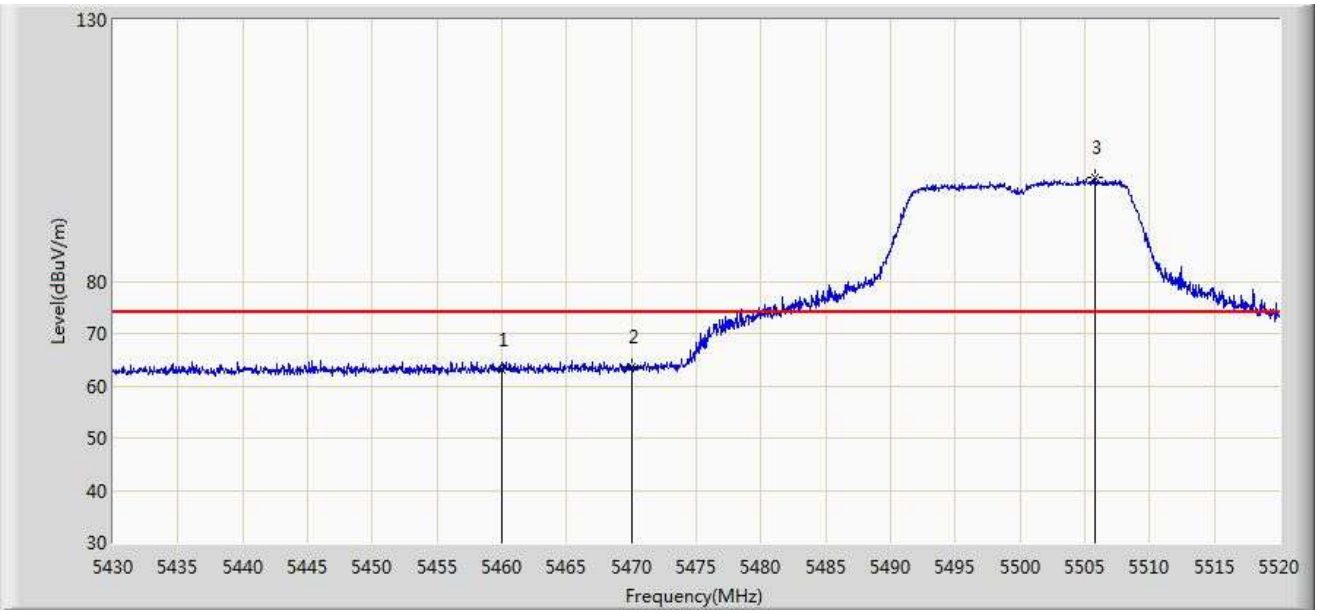
Site: AC1	Time: 2015/05/09 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.680	98.185	60.977	N/A	N/A	37.208	AV
2			5350.000	51.665	14.379	-2.335	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0	

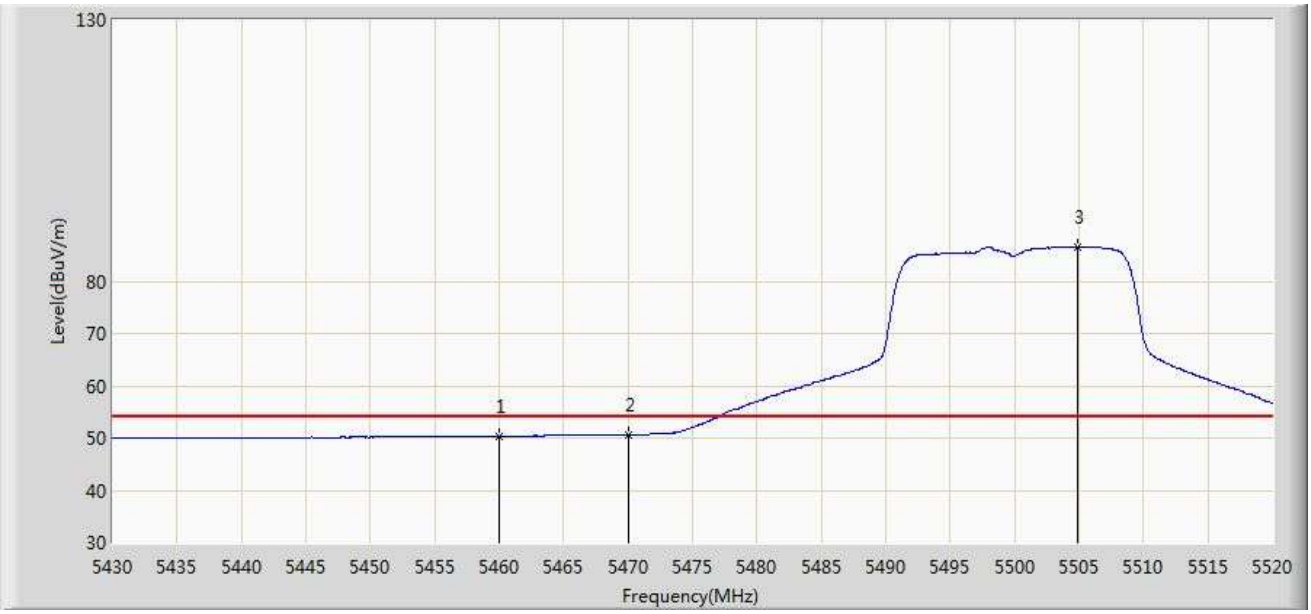


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.972	25.409	-11.028	74.000	37.563	PK
2			5470.000	63.534	25.945	-10.466	74.000	37.588	PK
3		*	5505.735	99.827	62.196	N/A	N/A	37.630	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0	

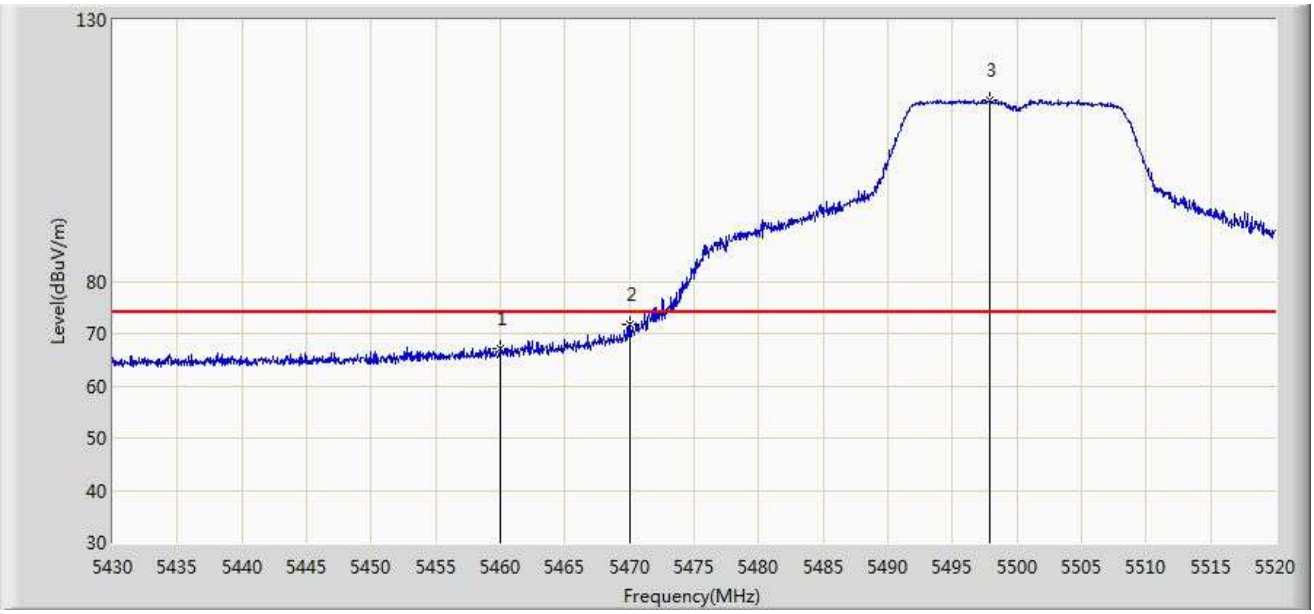


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.303	12.740	-3.697	54.000	37.563	AV
2			5470.000	50.611	13.022	-3.389	54.000	37.588	AV
3		*	5504.835	86.543	48.913	N/A	N/A	37.630	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0	

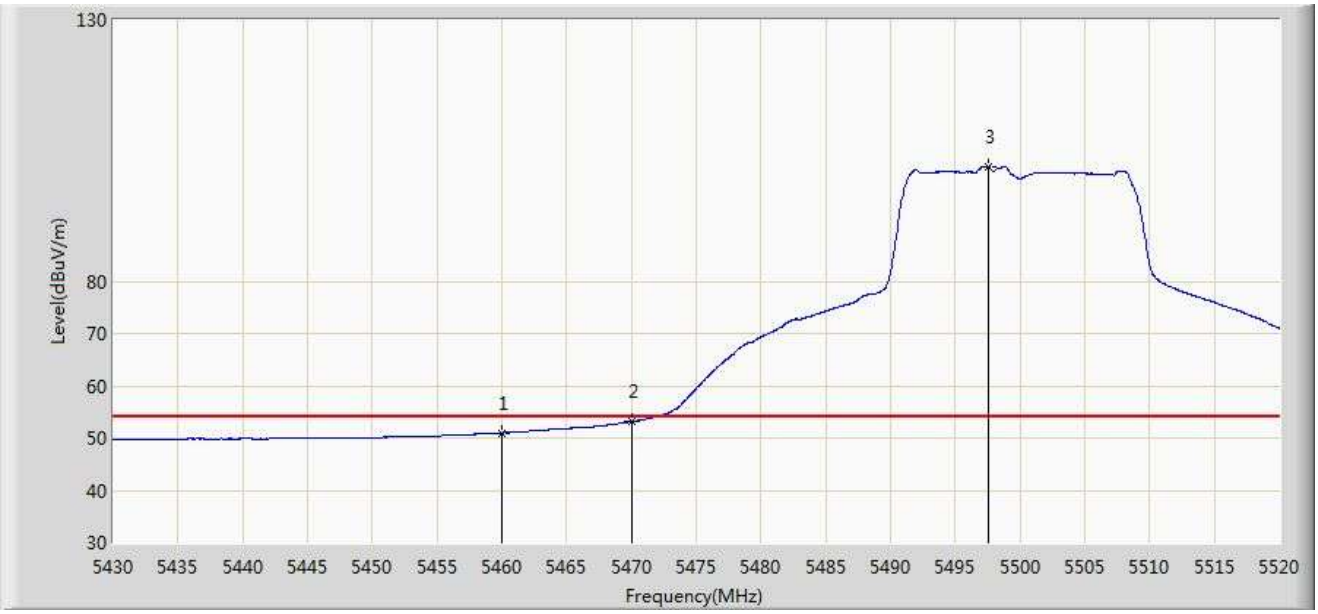


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.024	29.461	-6.976	74.000	37.563	PK
2			5470.000	71.800	34.211	-2.200	74.000	37.588	PK
3		*	5497.860	114.726	77.104	N/A	N/A	37.622	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0	

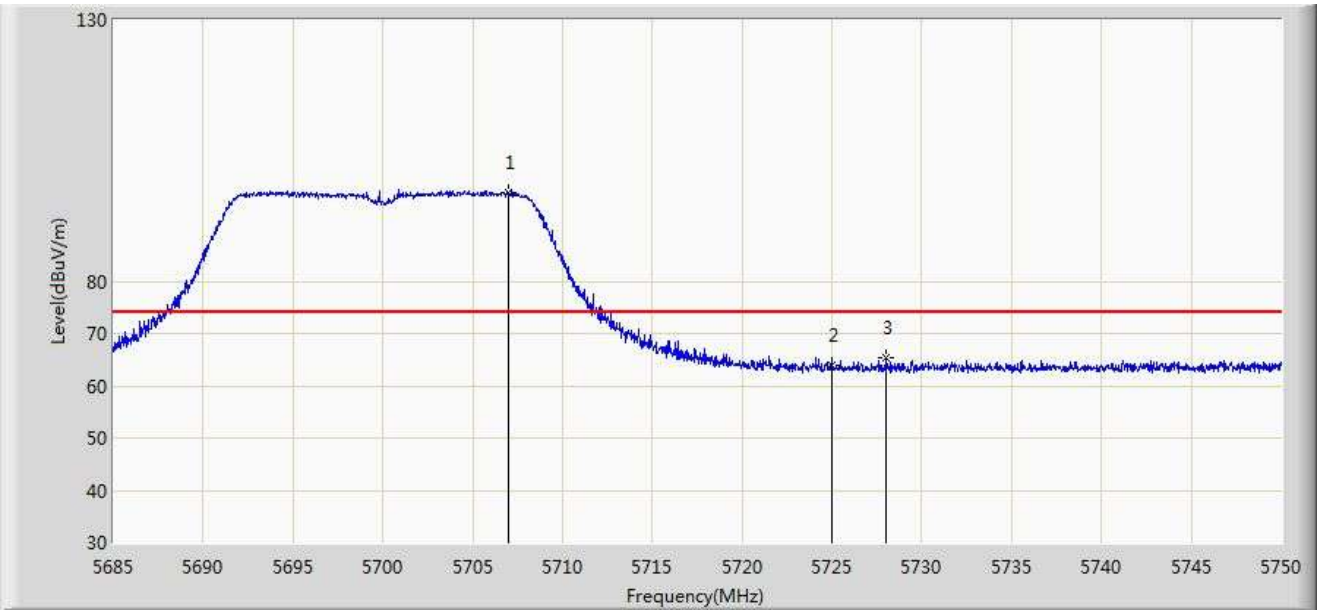


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.984	13.421	-3.016	54.000	37.563	AV
2			5470.000	53.112	15.524	-0.888	54.000	37.588	AV
3		*	5497.545	101.902	64.280	N/A	N/A	37.622	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0	

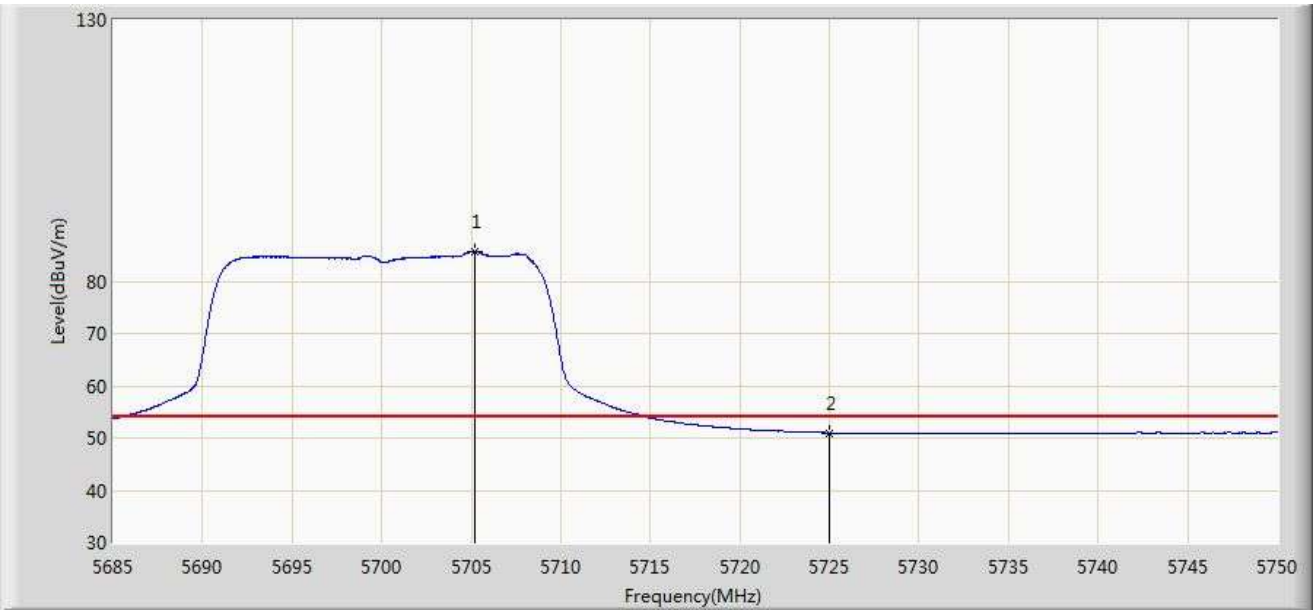


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5707.002	96.952	59.035	N/A	N/A	37.917	PK
2			5725.000	63.914	25.924	-10.086	74.000	37.990	PK
3			5728.030	65.471	27.469	-8.529	74.000	38.003	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0	

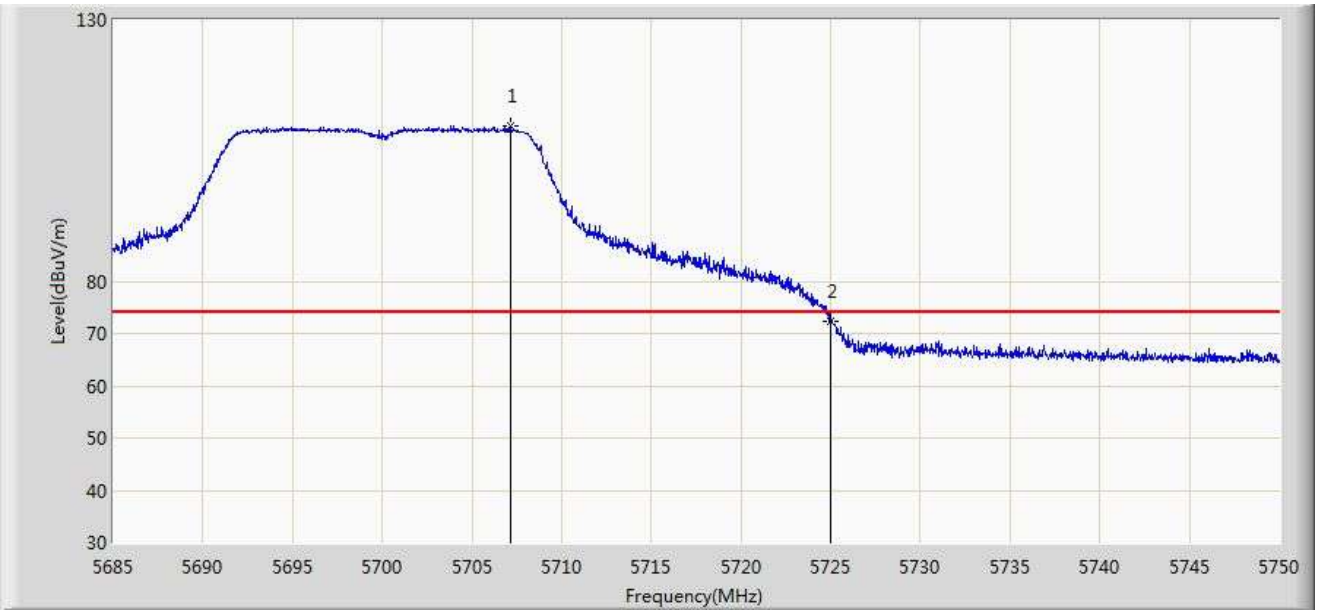


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.183	85.568	47.659	N/A	N/A	37.909	AV
2			5725.000	50.999	13.009	-3.001	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 18:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0	

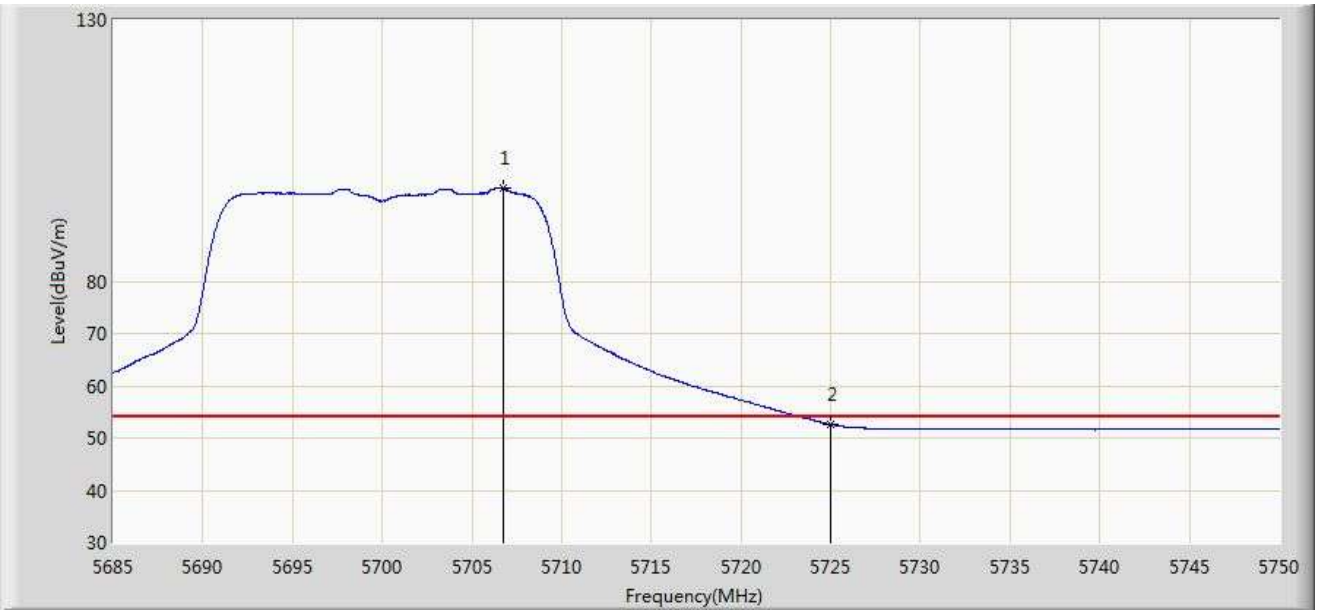


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5707.165	109.697	71.780	N/A	N/A	37.917	PK
2			5725.000	72.453	34.463	-1.547	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 00:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0	

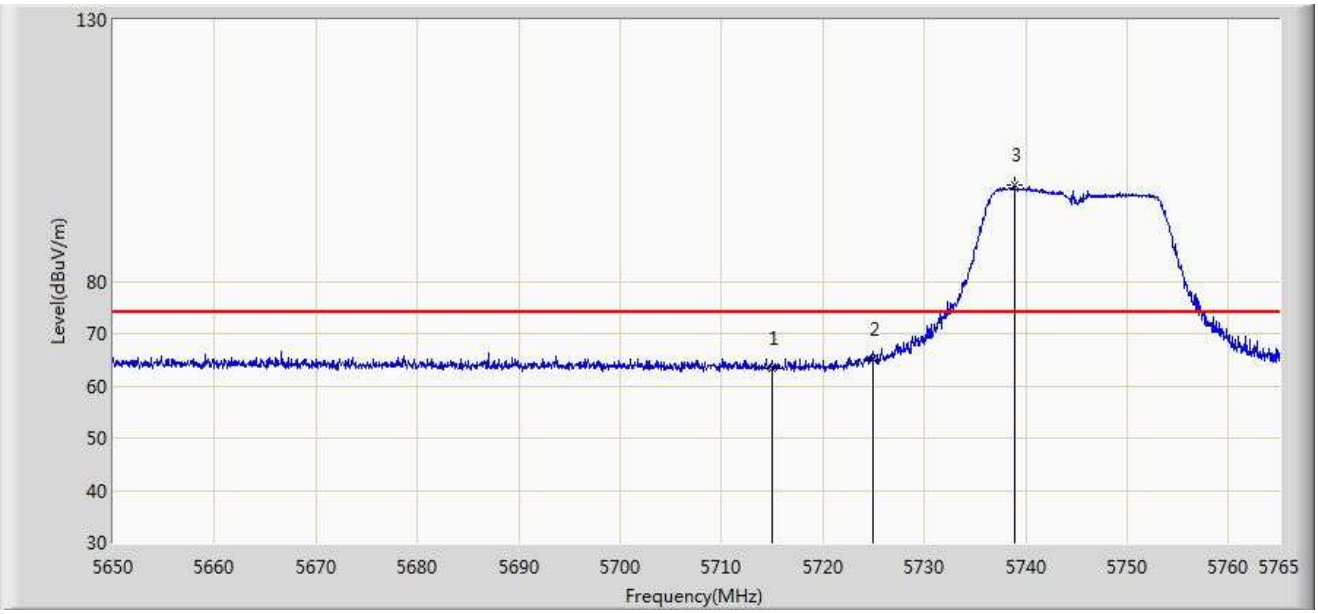


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.710	97.798	59.883	N/A	N/A	37.915	AV
2			5725.000	52.614	14.624	-1.386	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0	

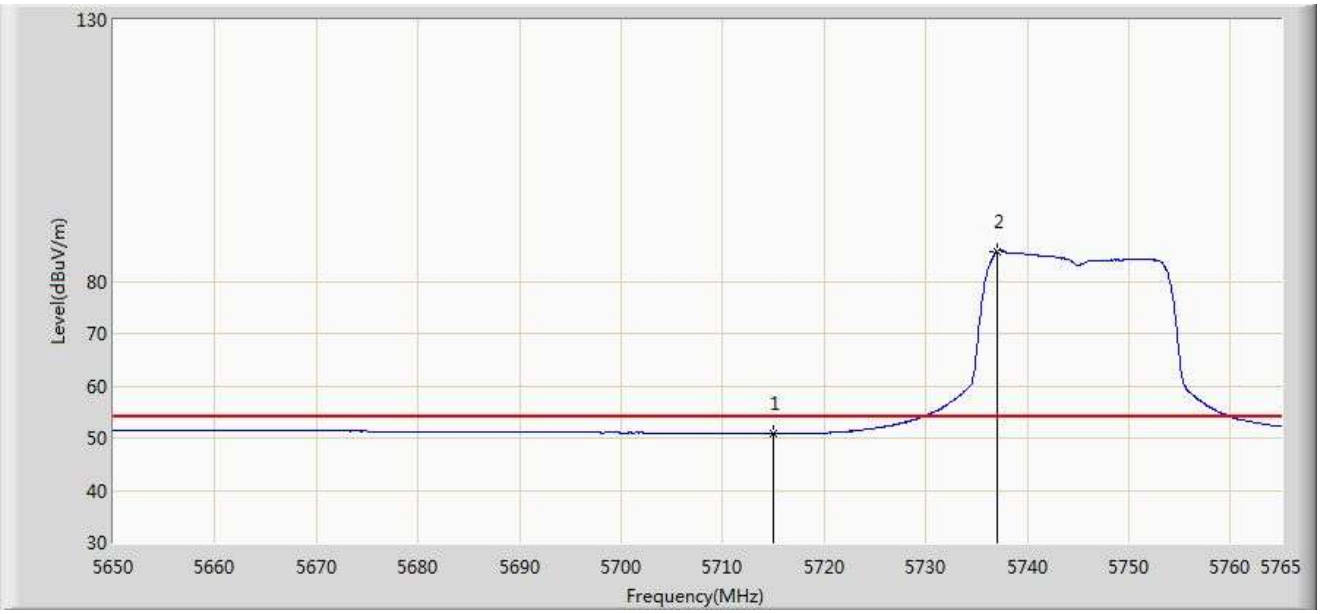


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.395	25.446	-10.605	74.000	37.949	PK
2			5725.000	65.217	27.227	-12.983	78.200	37.990	PK
3		*	5738.895	98.311	60.264	N/A	N/A	38.047	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0	

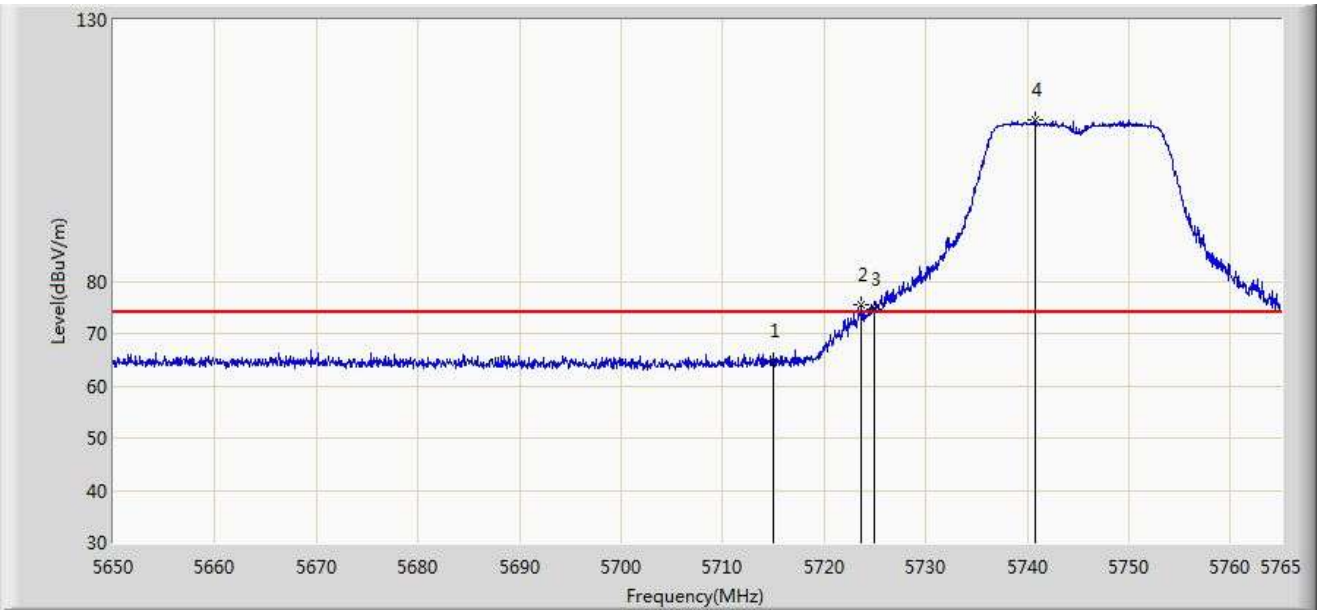


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.870	12.921	-3.130	54.000	37.949	AV
2		*	5737.112	85.768	47.728	N/A	N/A	38.039	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0	

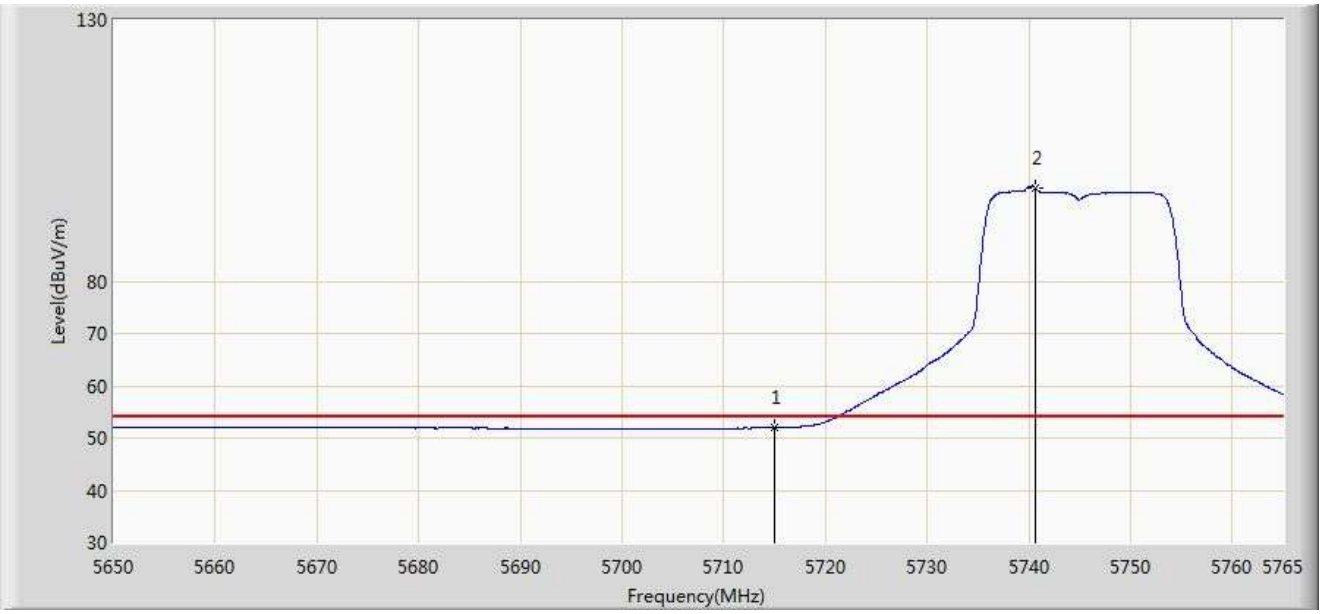


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.738	26.789	-9.262	74.000	37.949	PK
2			5723.658	75.585	37.601	-2.615	78.200	37.984	PK
3			5725.000	74.548	36.558	-3.652	78.200	37.990	PK
4		*	5740.850	110.917	72.863	N/A	N/A	38.054	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0	

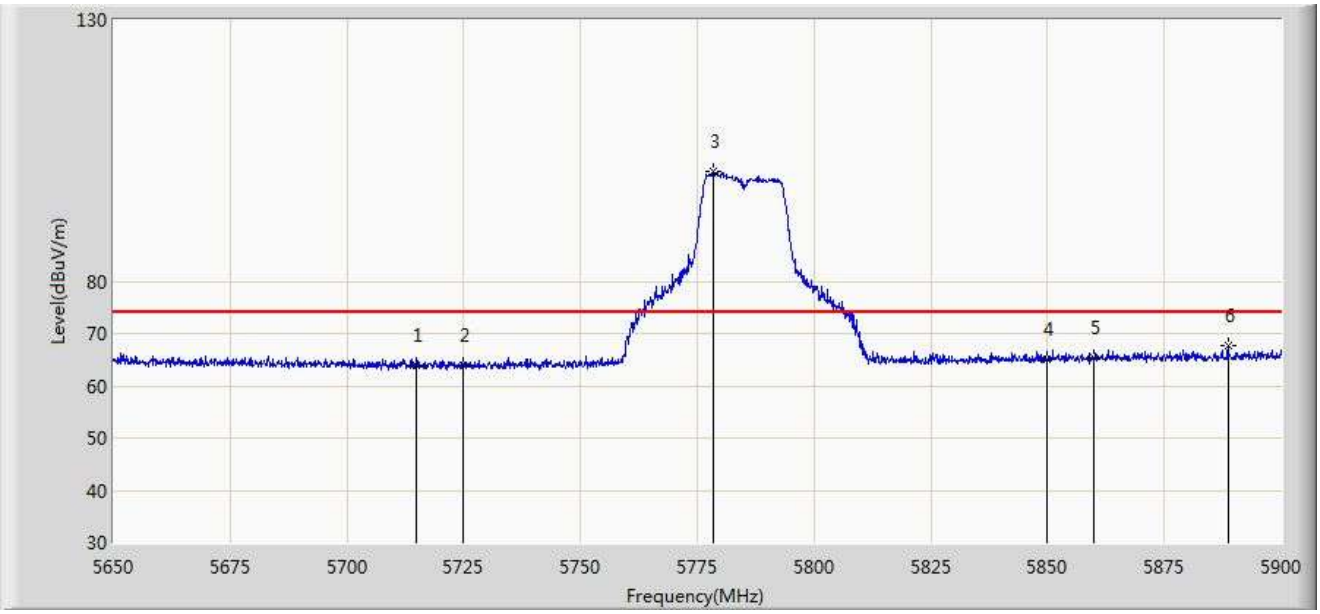


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.068	14.119	-1.932	54.000	37.949	AV
2		*	5740.620	97.930	59.877	N/A	N/A	38.053	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0	

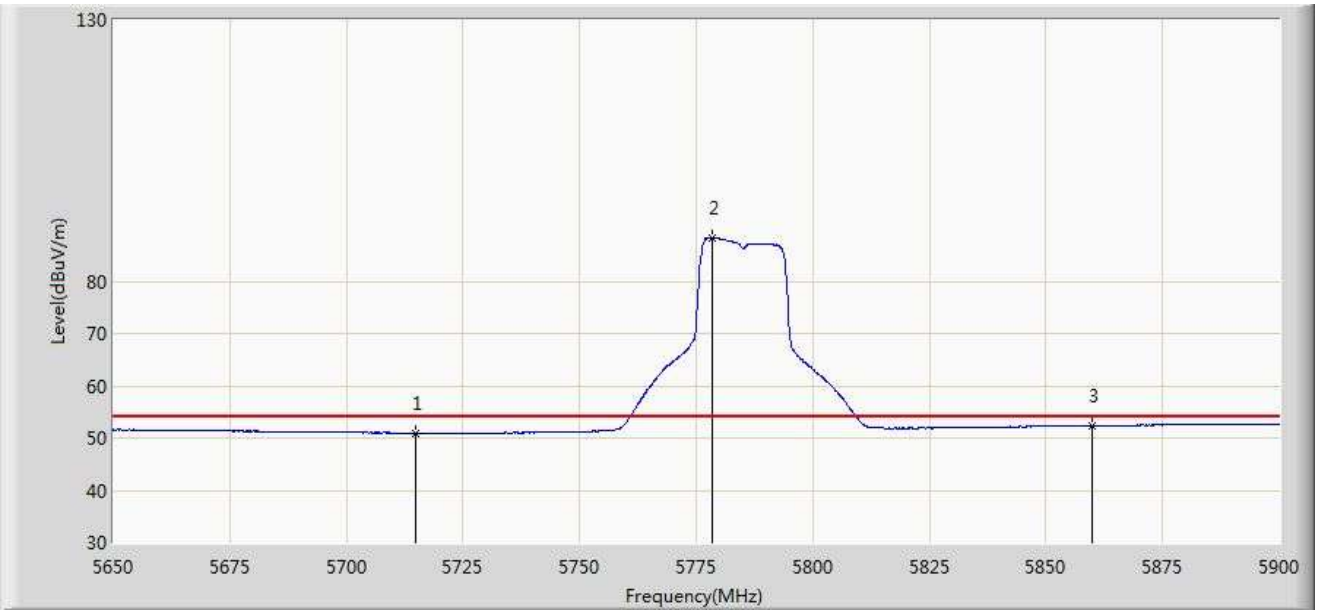


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.029	26.080	-9.971	74.000	37.949	PK
2			5725.000	64.000	26.010	-14.200	78.200	37.990	PK
3		*	5778.500	100.999	62.810	N/A	N/A	38.189	PK
4			5850.000	64.979	26.526	-13.221	78.200	38.454	PK
5			5860.000	65.453	26.975	-8.547	74.000	38.478	PK
6			5888.625	67.562	29.054	-6.438	74.000	38.508	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0	

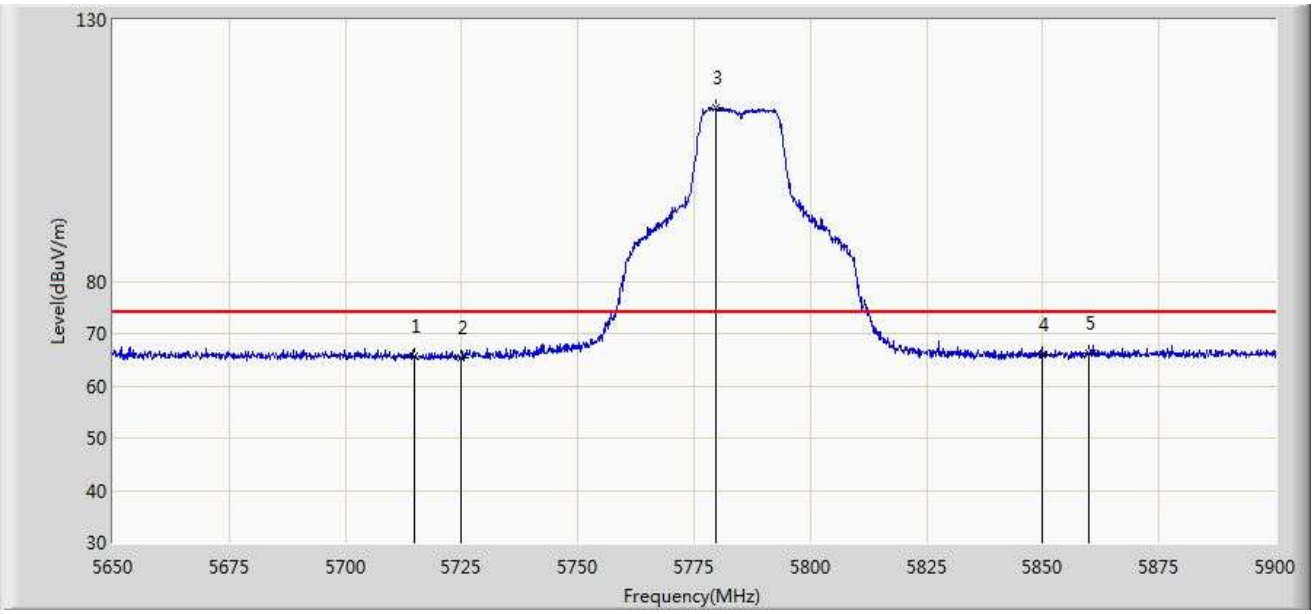


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.921	12.972	-3.079	54.000	37.949	AV
2		*	5778.500	88.302	50.113	N/A	N/A	38.189	AV
3			5860.000	52.395	13.917	-1.605	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0	

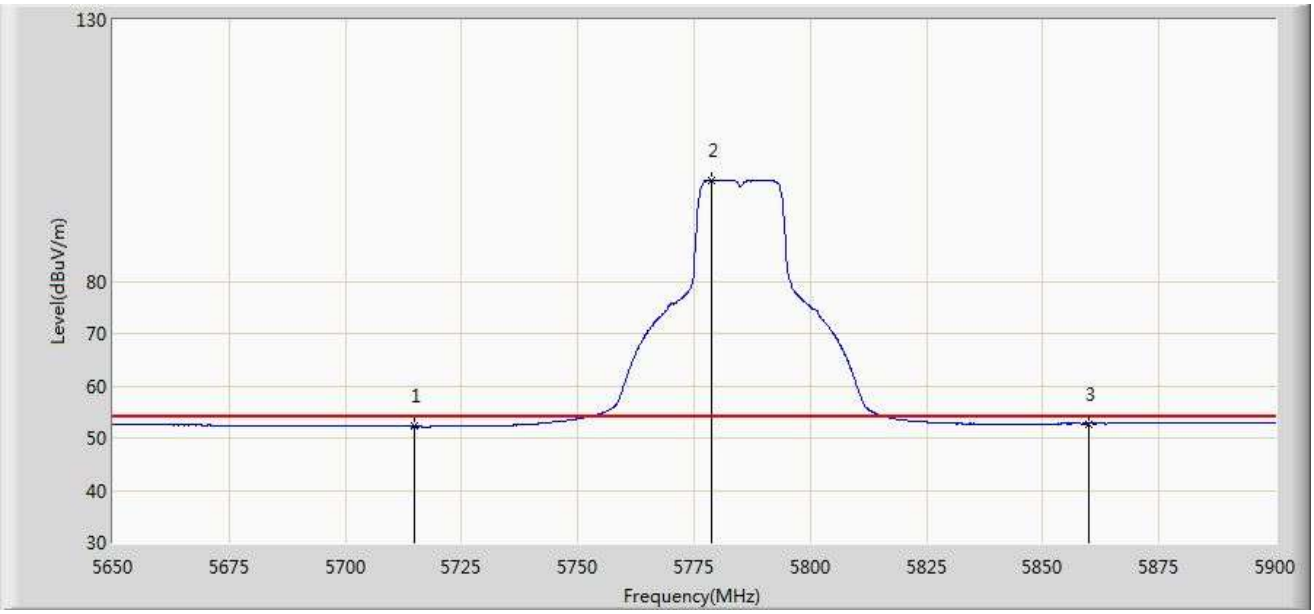


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.593	27.644	-8.407	74.000	37.949	PK
2			5725.000	65.386	27.396	-12.814	78.200	37.990	PK
3		*	5779.750	113.207	75.014	N/A	N/A	38.193	PK
4			5850.000	65.908	27.455	-12.292	78.200	38.454	PK
5			5860.000	66.160	27.682	-7.840	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0	

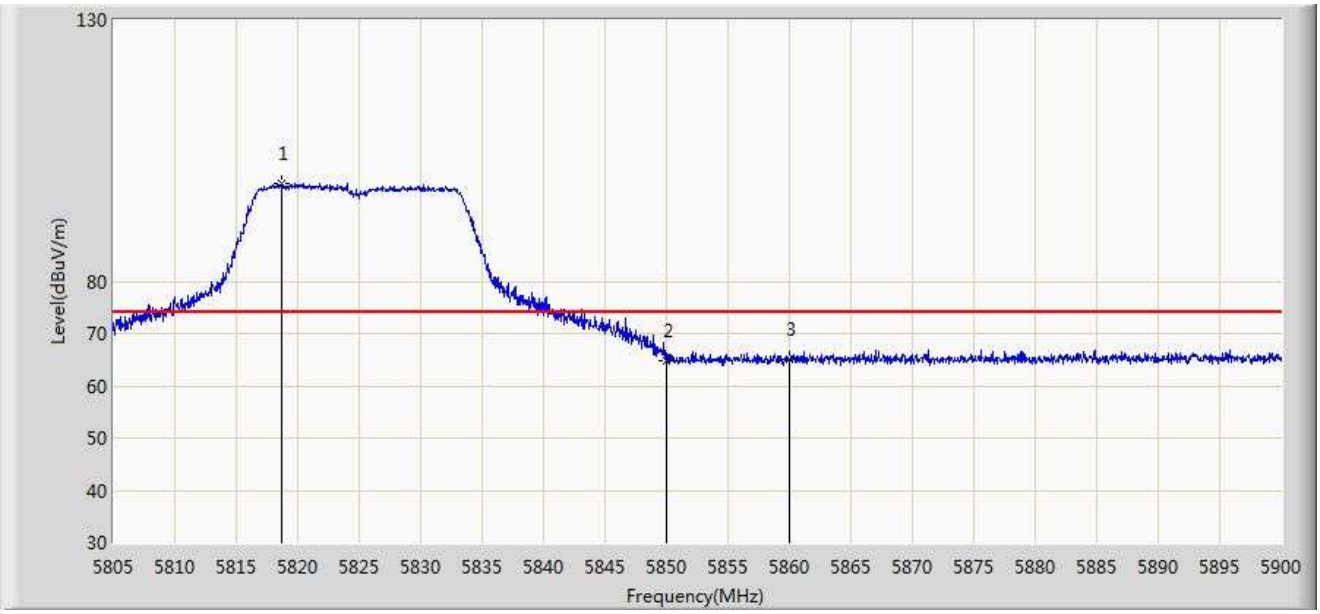


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.193	14.244	-1.807	54.000	37.949	AV
2		*	5778.750	99.418	61.228	N/A	N/A	38.189	AV
3			5860.000	52.734	14.256	-1.266	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0	

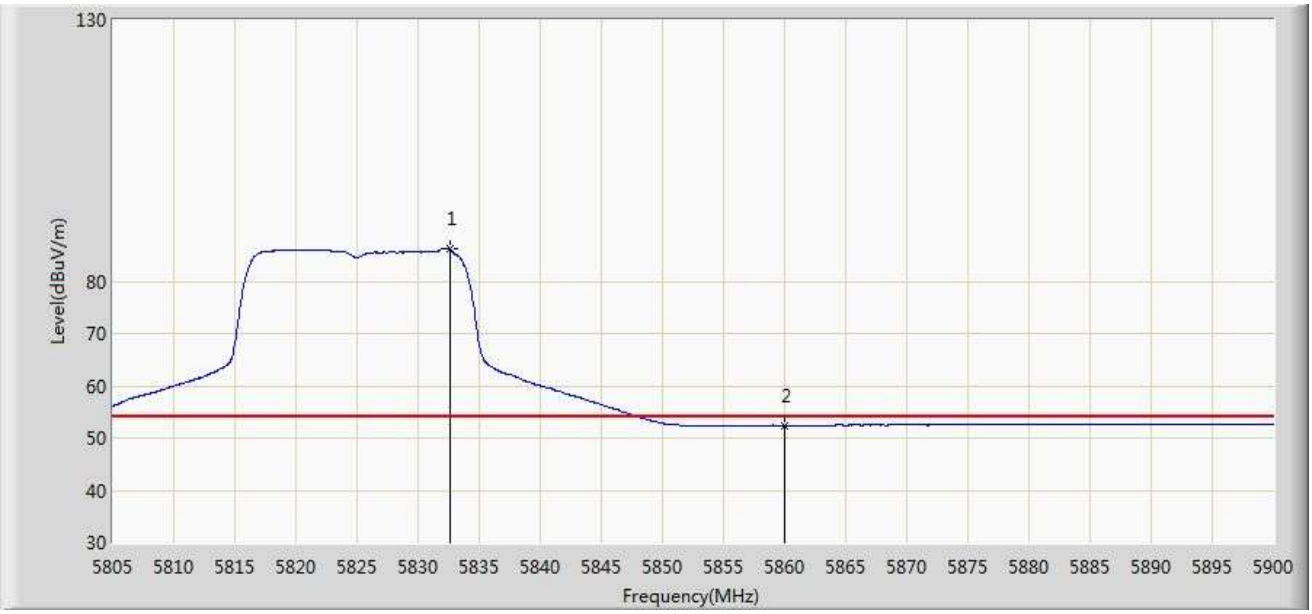


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.728	98.693	60.363	N/A	N/A	38.330	PK
2			5850.000	64.896	26.443	-13.304	78.200	38.454	PK
3			5860.000	65.034	26.556	-8.966	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0	

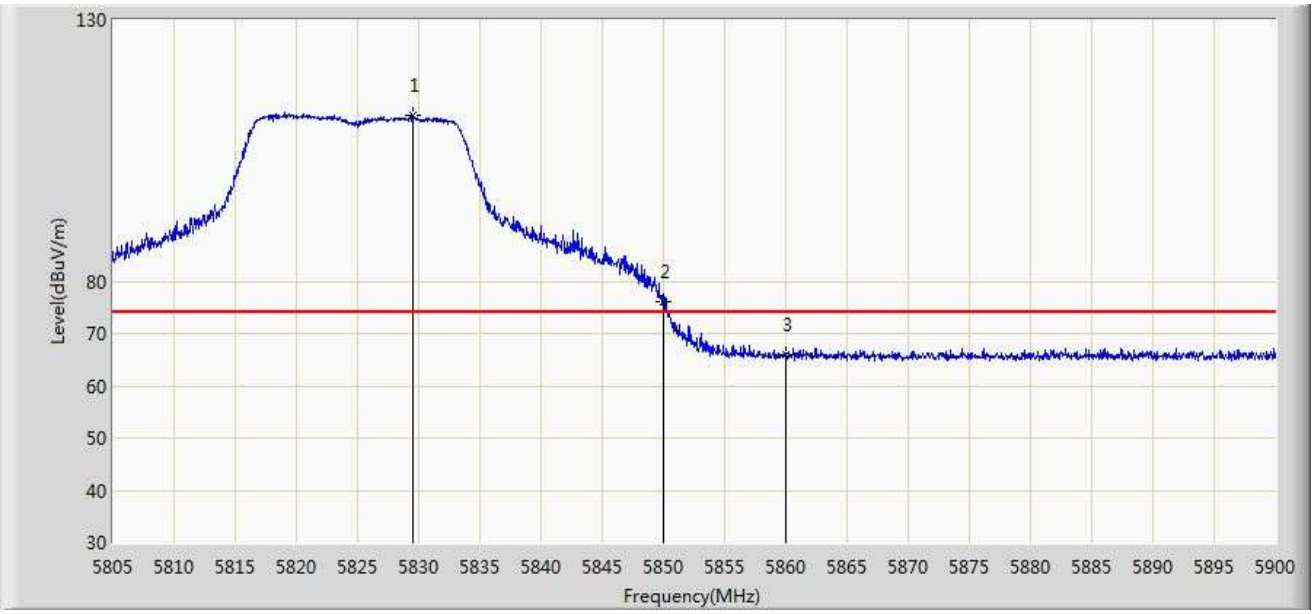


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5832.598	86.140	47.752	N/A	N/A	38.388	AV
2			5860.000	52.404	13.926	-1.596	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0	

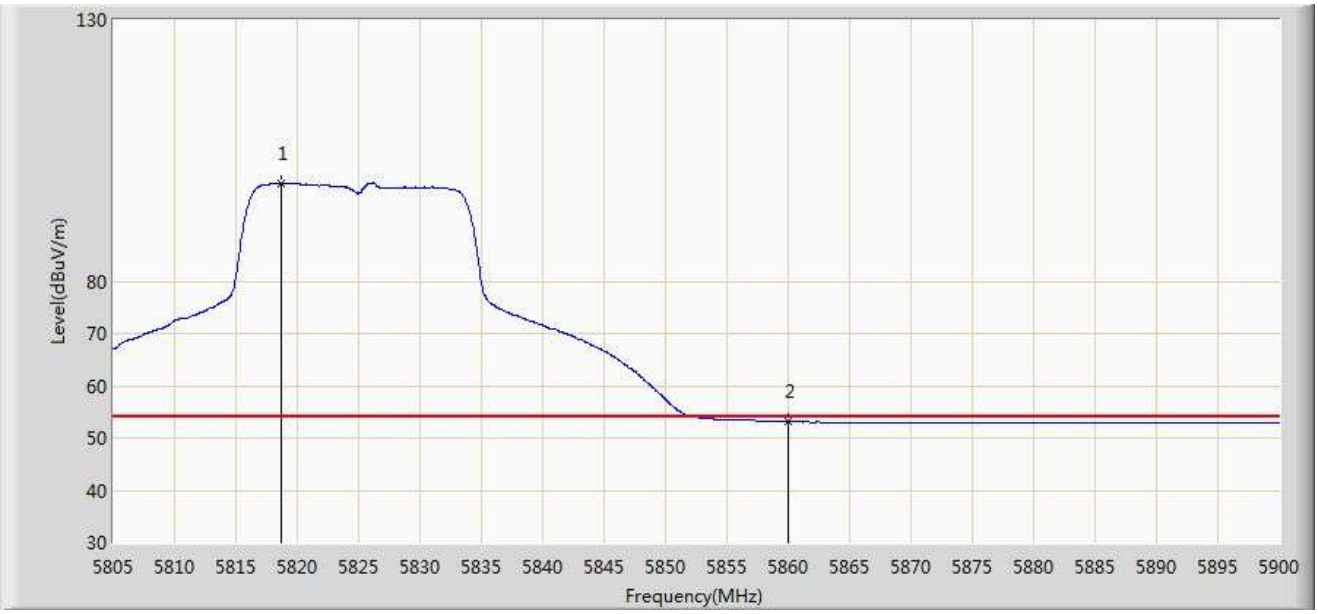


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.558	111.657	73.282	N/A	N/A	38.374	PK
2			5850.000	75.970	37.517	-2.23	78.200	38.454	PK
3			5860.000	66.033	27.555	-7.967	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0	

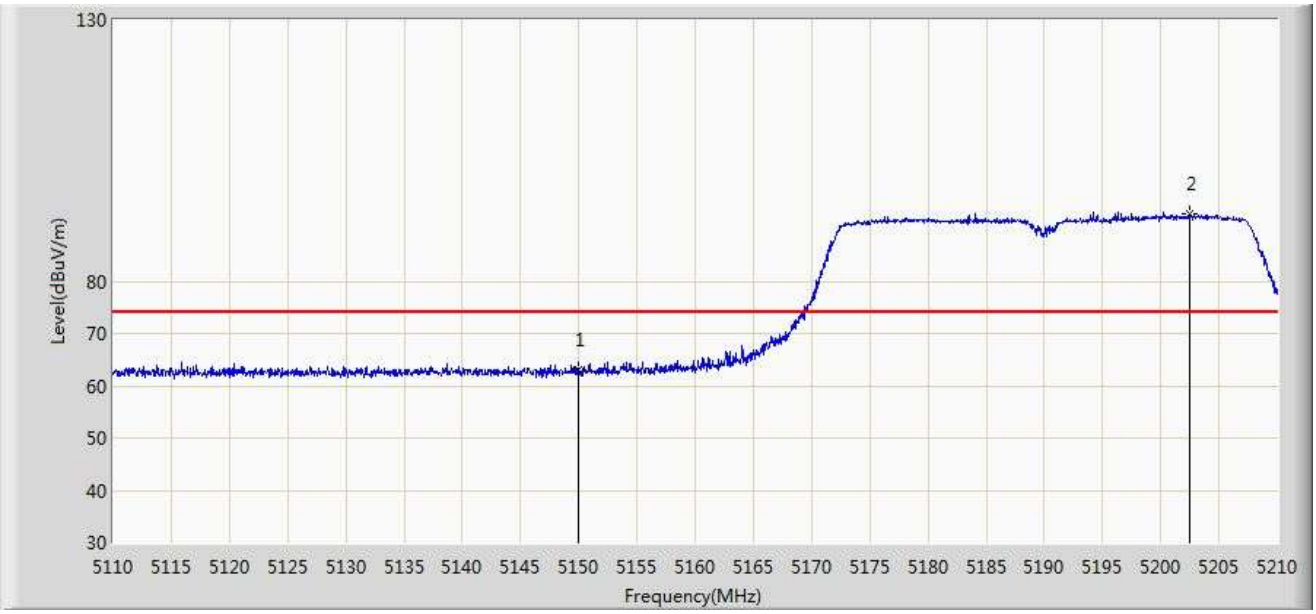


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.680	98.705	60.376	N/A	N/A	38.329	AV
2			5860.000	53.128	14.650	-0.872	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0	

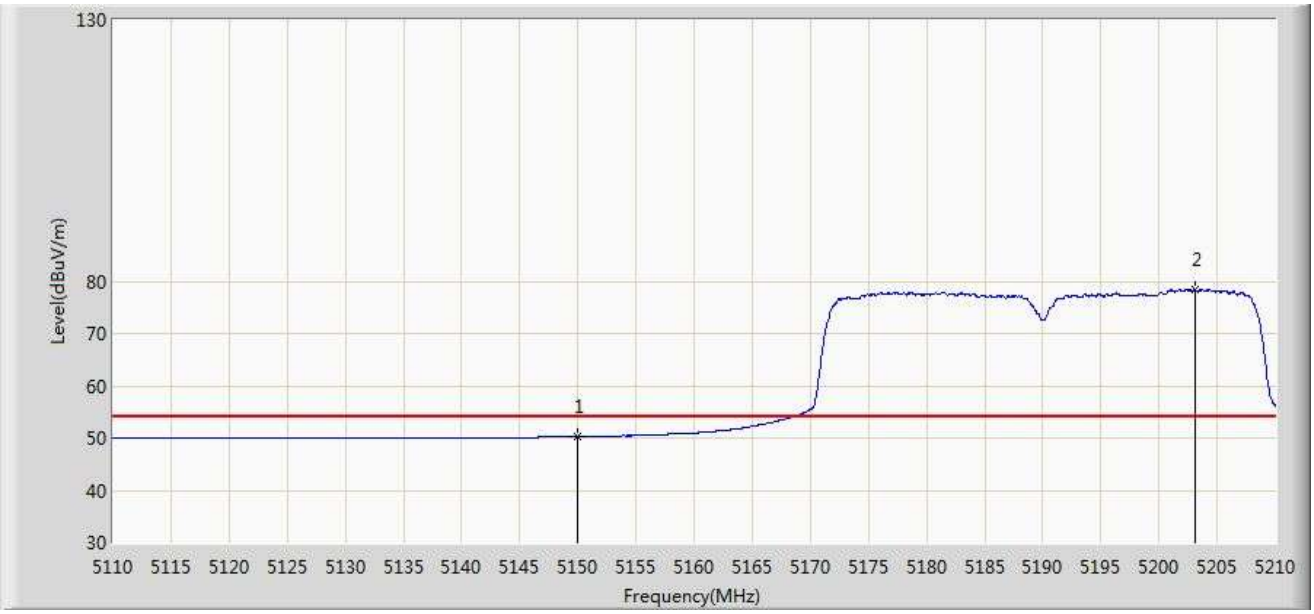


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.022	25.570	-10.978	74.000	37.452	PK
2		*	5202.450	92.979	55.663	N/A	N/A	37.316	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0	

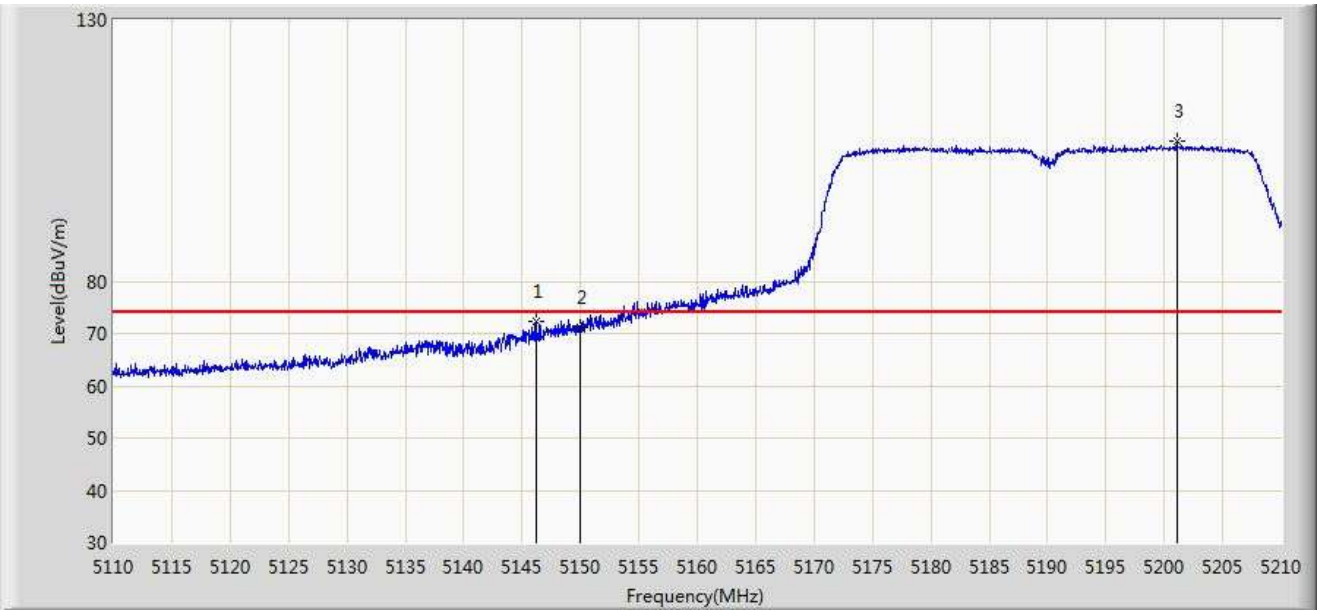


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.249	12.797	-3.751	54.000	37.452	AV
2		*	5203.100	78.356	41.042	N/A	N/A	37.314	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 18:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.200	72.349	34.892	-1.651	74.000	37.457	PK
2			5150.000	71.253	33.801	-2.747	74.000	37.452	PK
3		*	5201.050	106.818	69.497	N/A	N/A	37.321	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

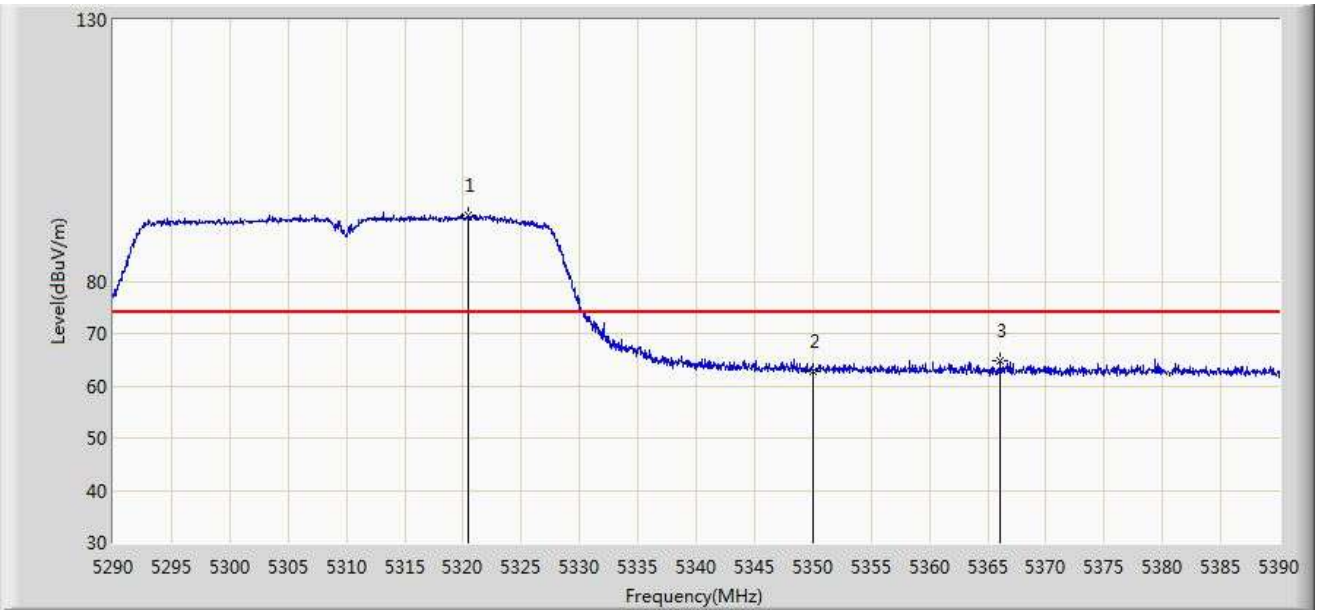
Site: AC1	Time: 2015/05/09 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.761	15.309	-1.239	54.000	37.452	AV
2		*	5202.200	88.857	51.540	N/A	N/A	37.316	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0	

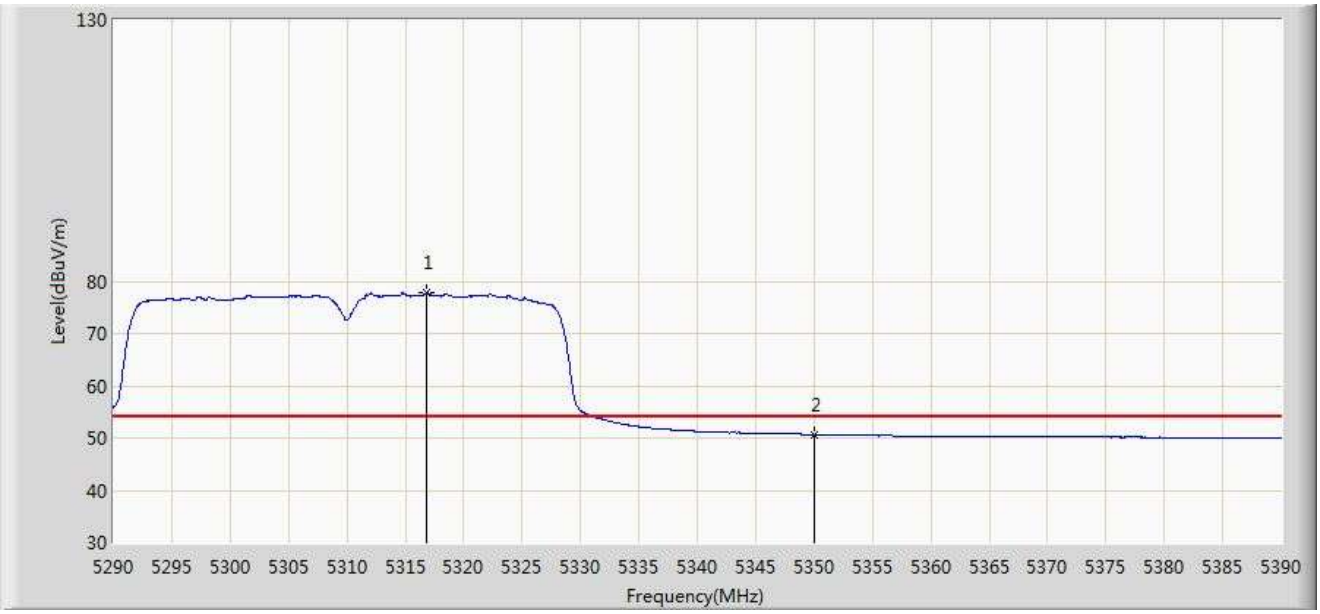


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.400	92.596	55.382	N/A	N/A	37.214	PK
2			5350.000	62.854	25.568	-11.146	74.000	37.286	PK
3			5366.100	64.719	27.388	-9.281	74.000	37.330	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0	

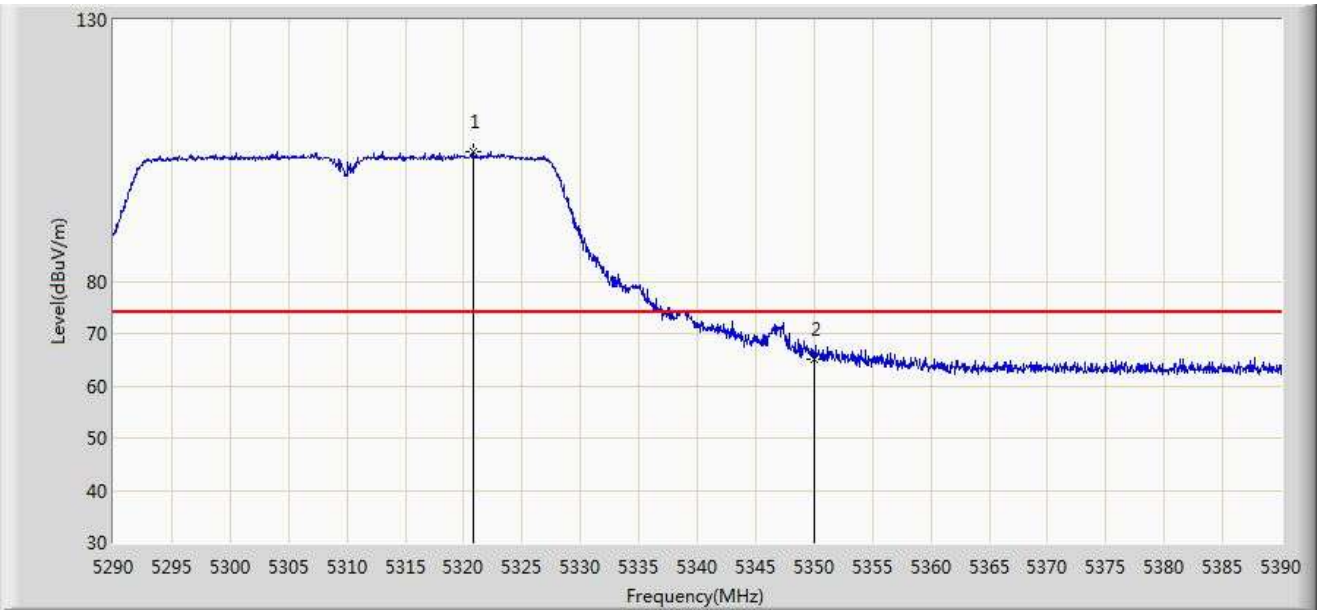


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.850	77.706	40.498	N/A	N/A	37.208	AV
2			5350.000	50.658	13.372	-3.342	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0	

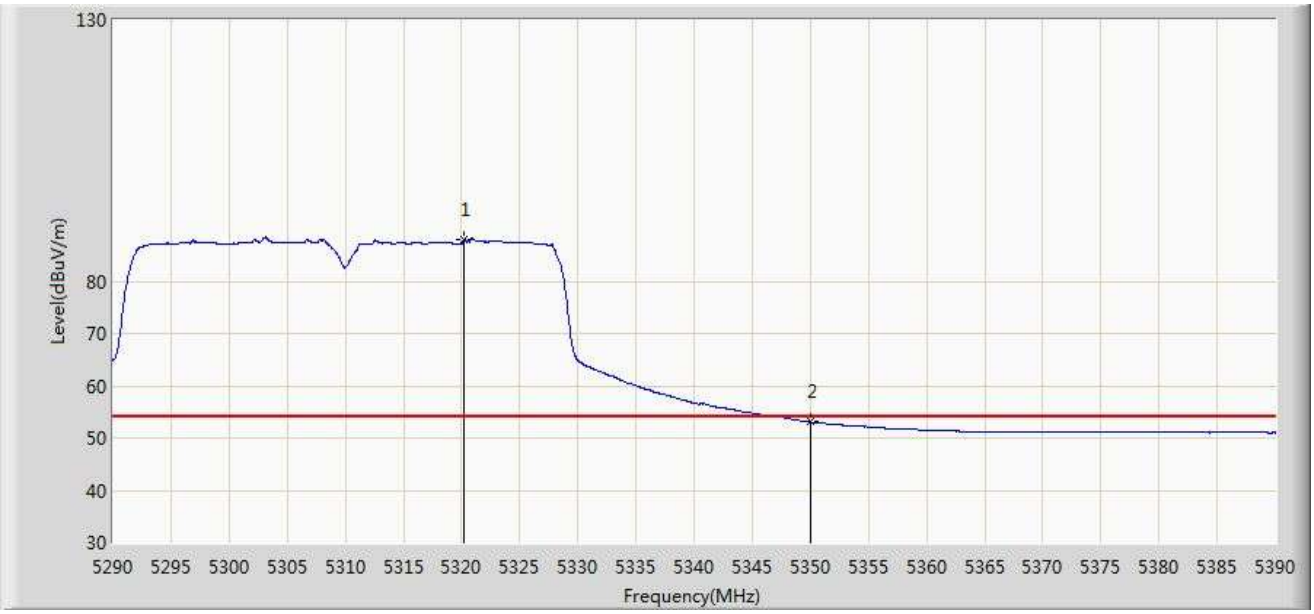


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.800	104.845	67.630	N/A	N/A	37.215	PK
2			5350.000	65.016	27.730	-8.984	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0	

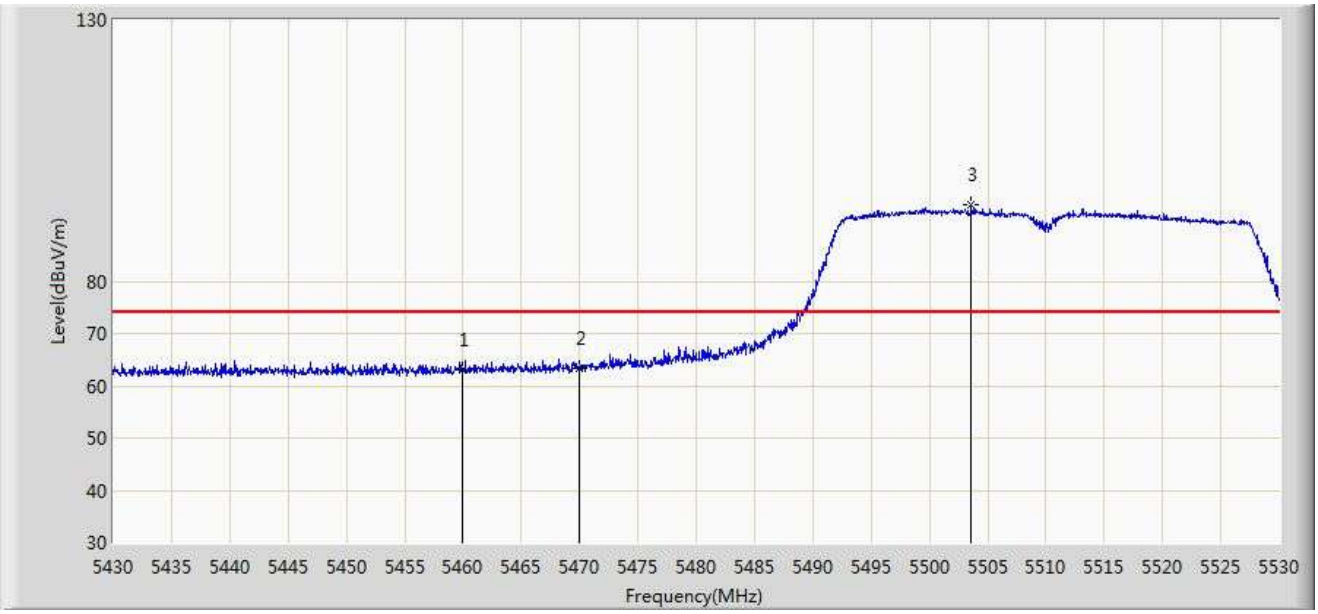


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.200	87.930	50.716	N/A	N/A	37.214	AV
2			5350.000	53.102	15.816	-0.898	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0	

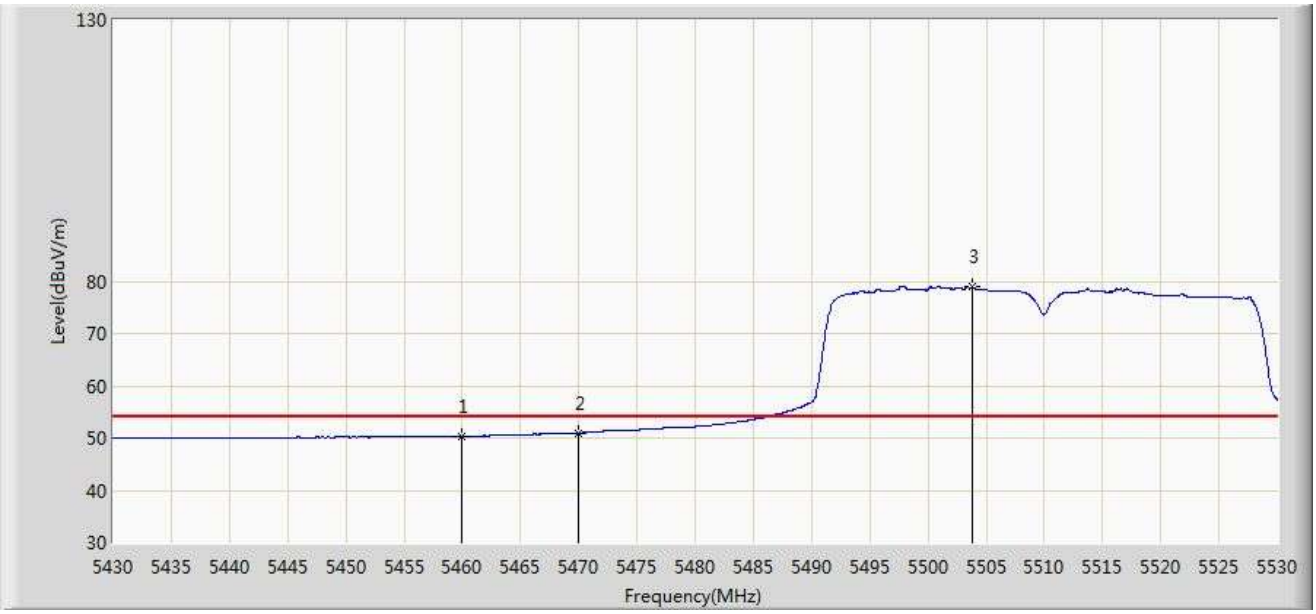


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.009	25.446	-10.991	74.000	37.563	PK
2			5470.000	63.303	25.714	-10.697	74.000	37.588	PK
3		*	5503.600	94.601	56.973	N/A	N/A	37.628	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0	

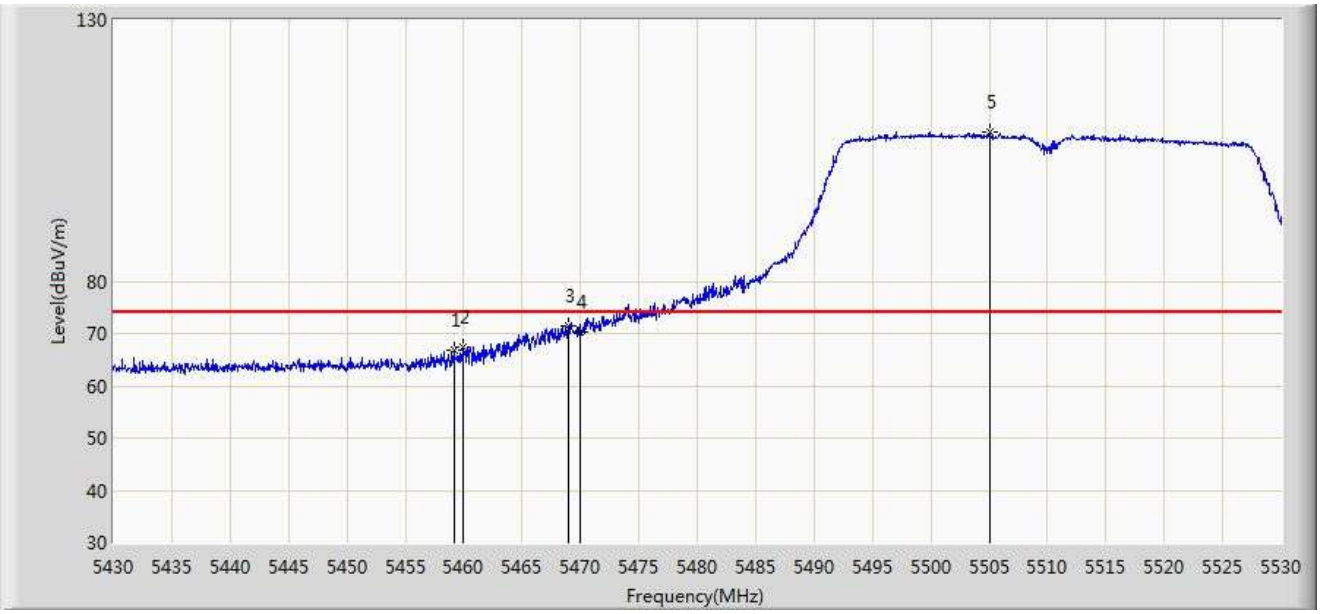


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.324	12.761	-3.676	54.000	37.563	AV
2			5470.000	50.978	13.389	-3.022	54.000	37.588	AV
3		*	5503.800	79.025	41.397	N/A	N/A	37.629	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0	

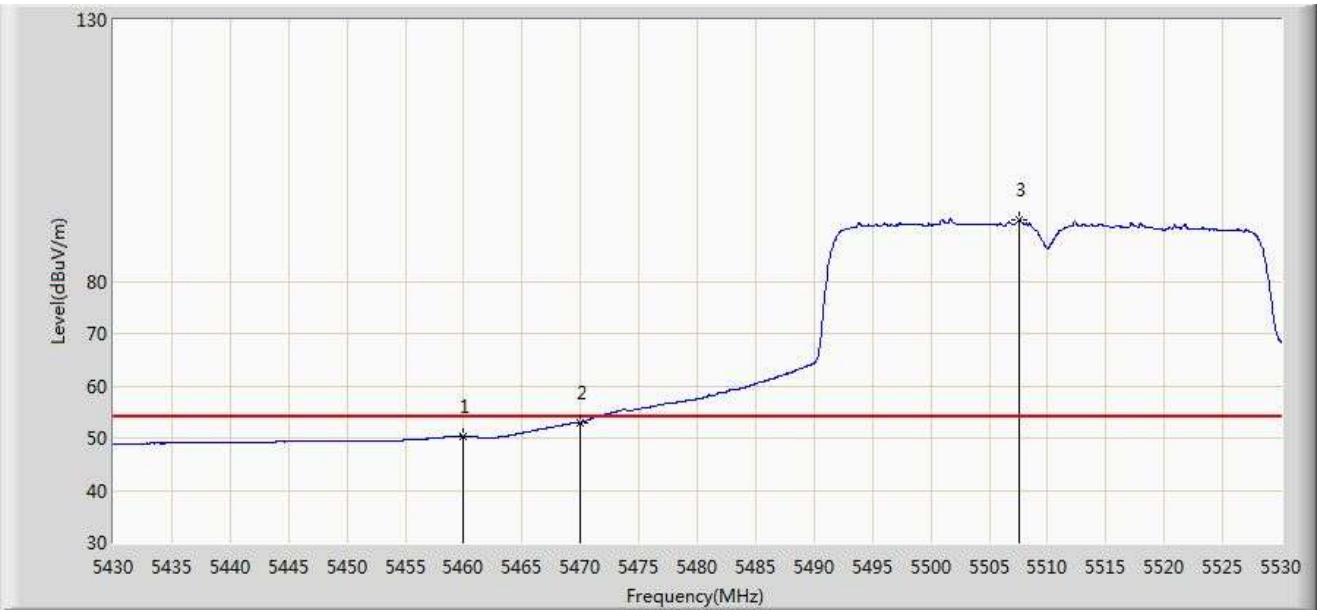


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.200	66.804	29.244	-7.196	74.000	37.560	PK
2			5460.000	67.294	29.731	-6.706	74.000	37.563	PK
3			5468.950	71.535	33.949	-2.465	74.000	37.586	PK
4			5470.000	70.249	32.661	-3.751	74.000	37.588	PK
5		*	5505.000	108.441	70.811	N/A	N/A	37.630	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0	

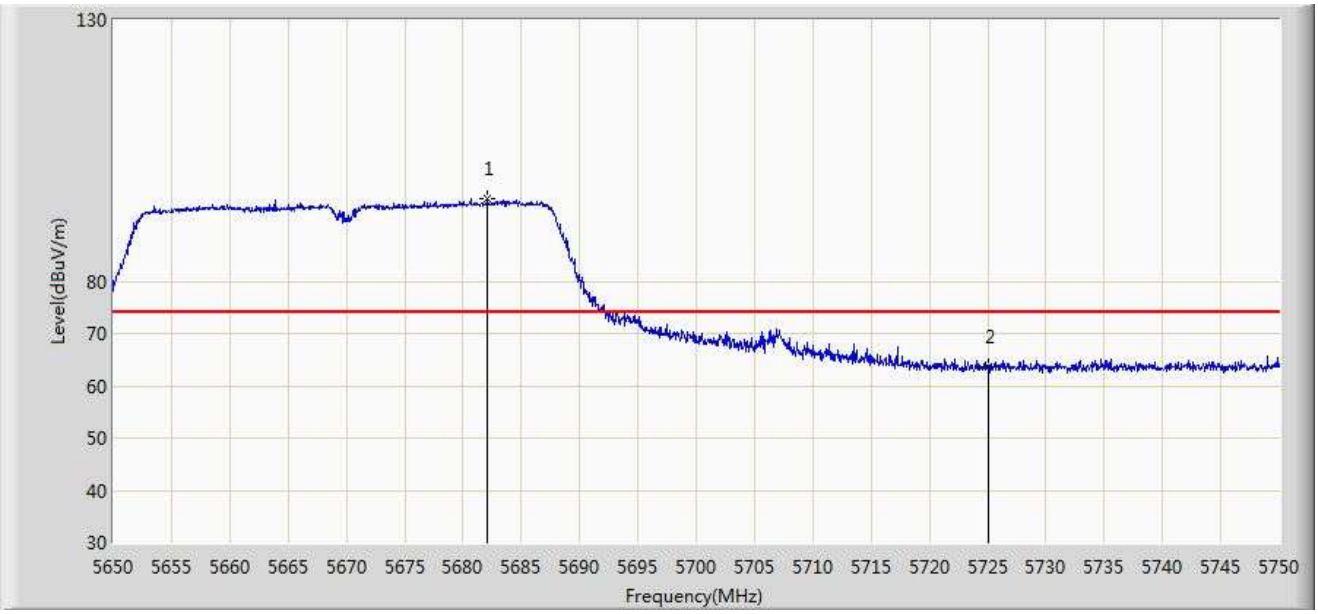


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.377	12.814	-3.623	54.000	37.563	AV
2			5470.000	53.017	15.429	-0.983	54.000	37.588	AV
3		*	5507.550	91.660	54.028	N/A	N/A	37.632	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0	

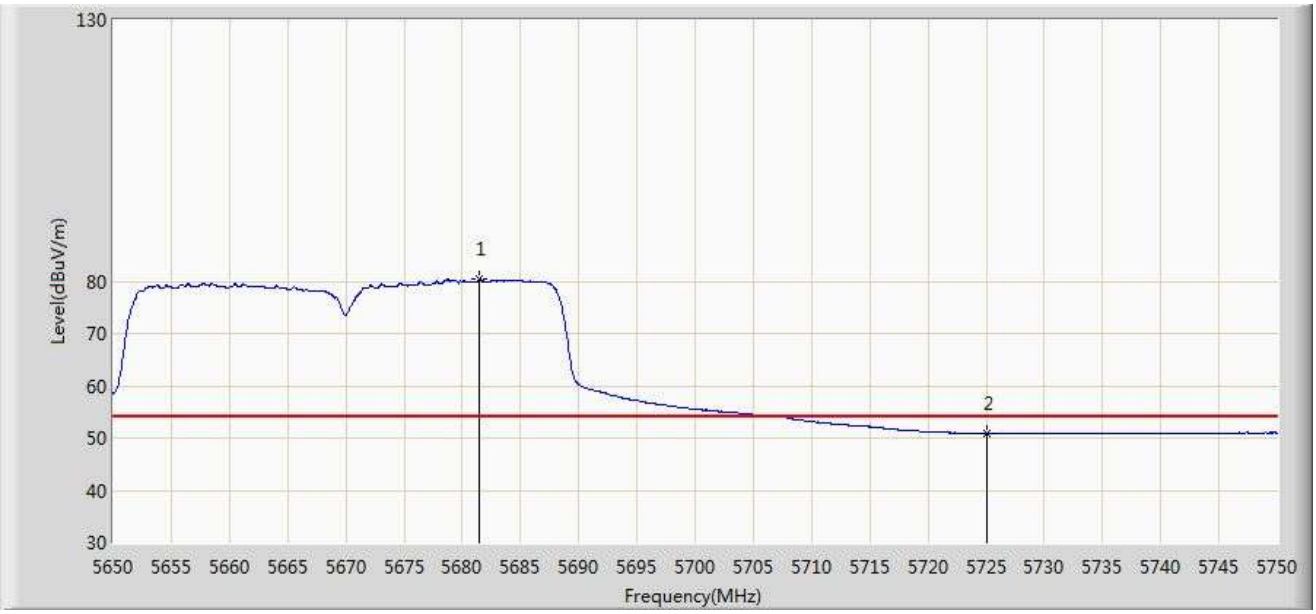


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5682.100	95.845	58.007	N/A	N/A	37.838	PK
2			5725.000	63.675	25.685	-10.325	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0	

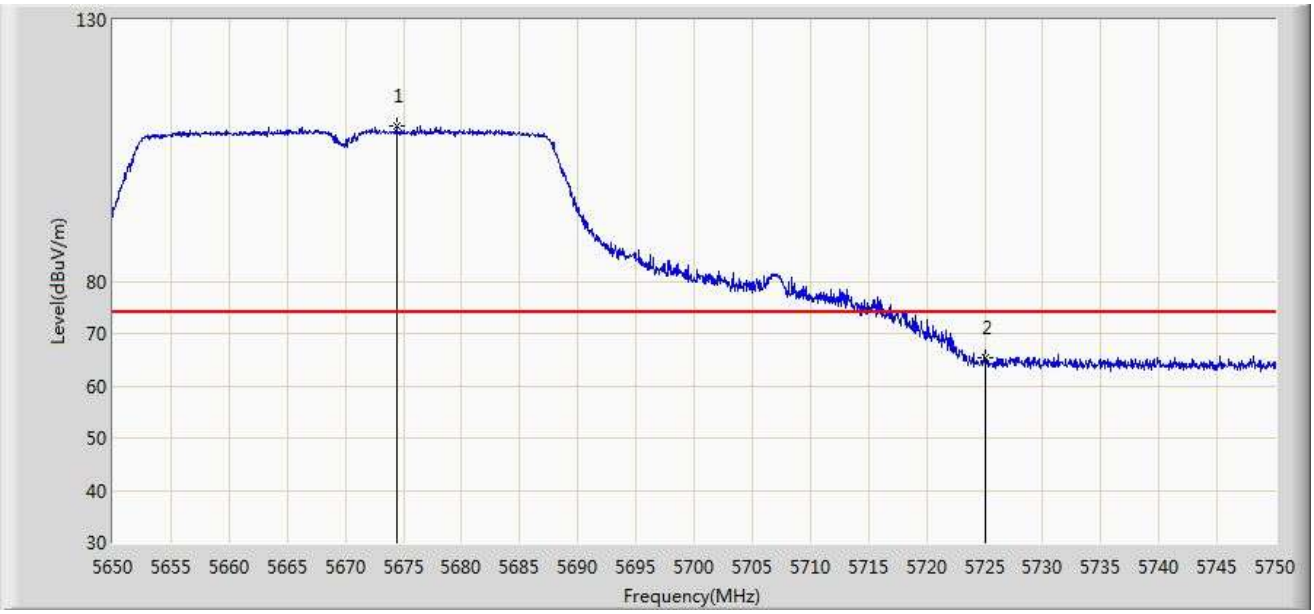


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5681.500	80.478	42.642	N/A	N/A	37.836	AV
2			5725.000	50.901	12.911	-3.099	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0	

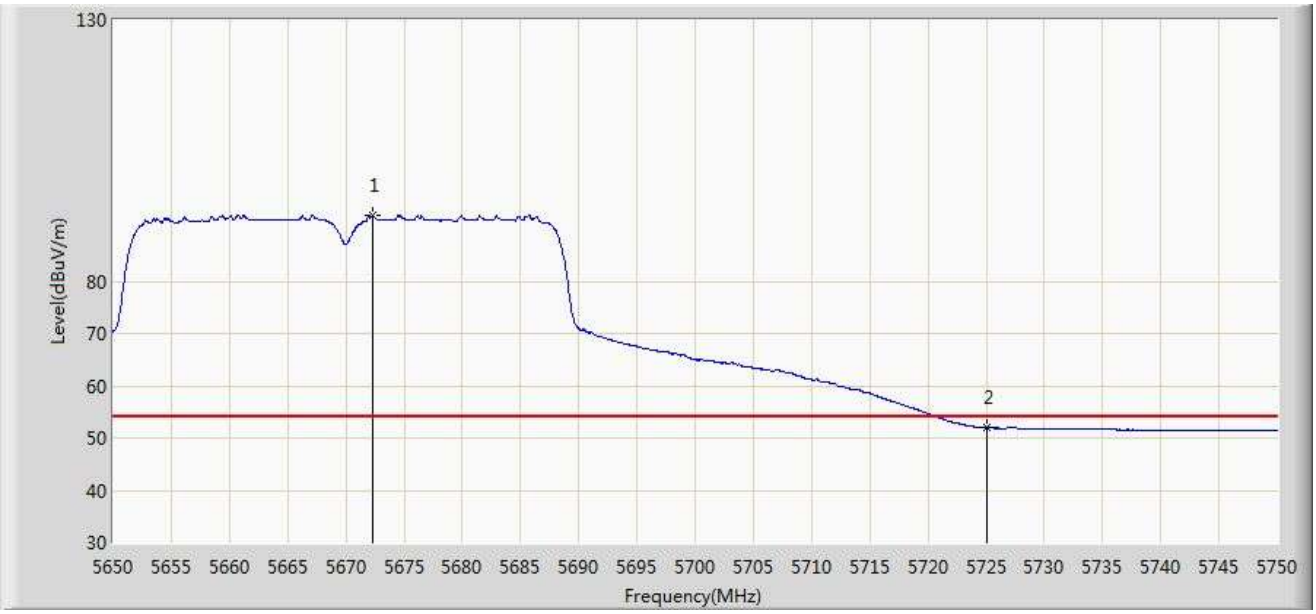


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5674.400	109.779	71.964	N/A	N/A	37.815	PK
2			5725.000	65.336	27.346	-8.664	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 01:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0	

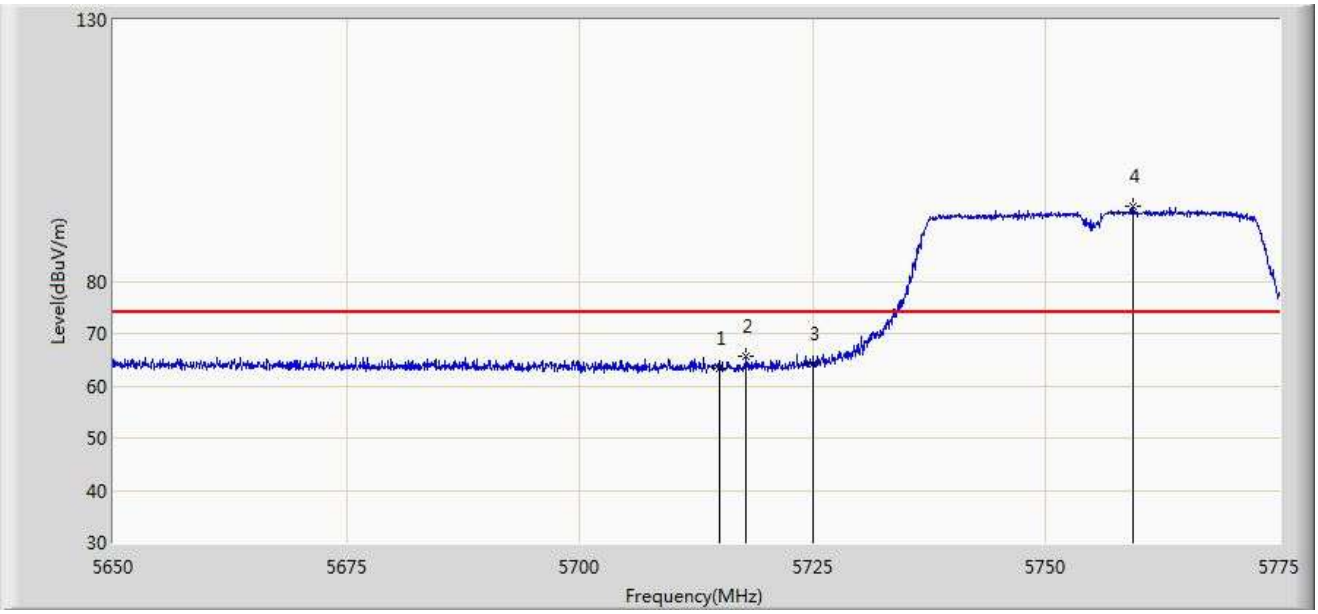


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5672.250	92.590	54.778	N/A	N/A	37.813	AV
2			5725.000	51.921	13.931	-2.079	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0	

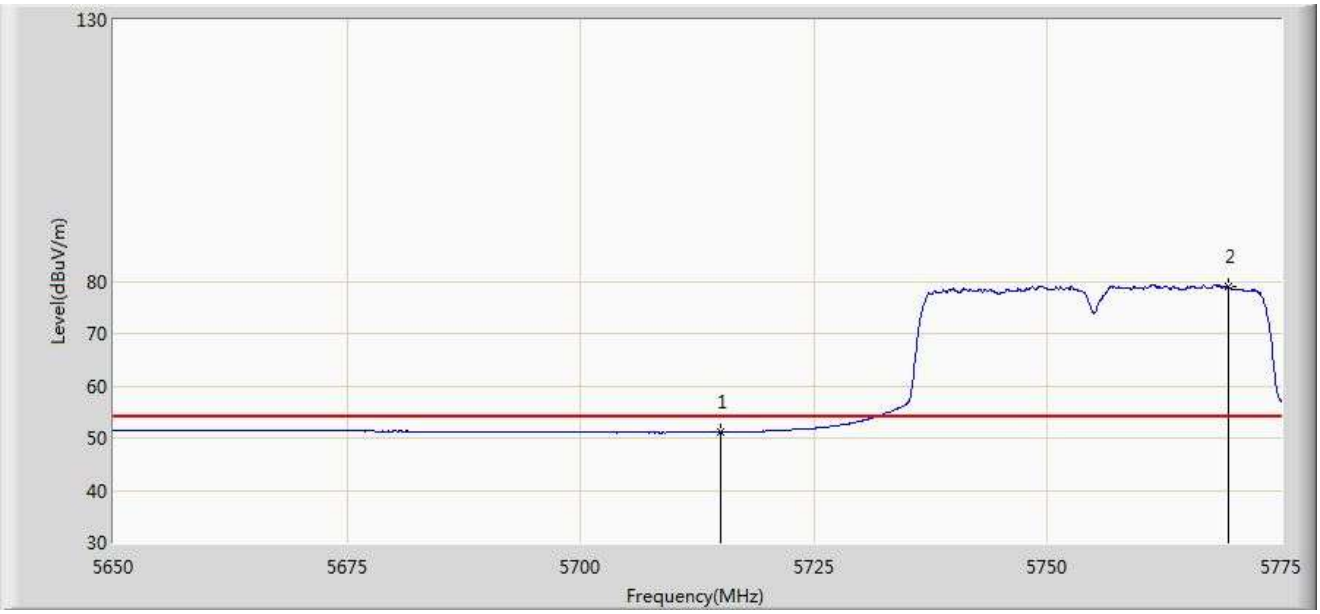


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.276	25.327	-10.724	74.000	37.949	PK
2			5717.812	65.681	27.720	-12.519	78.200	37.960	PK
3			5725.000	64.216	26.226	-13.984	78.200	37.990	PK
4		*	5759.312	94.362	56.224	N/A	N/A	38.138	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0	

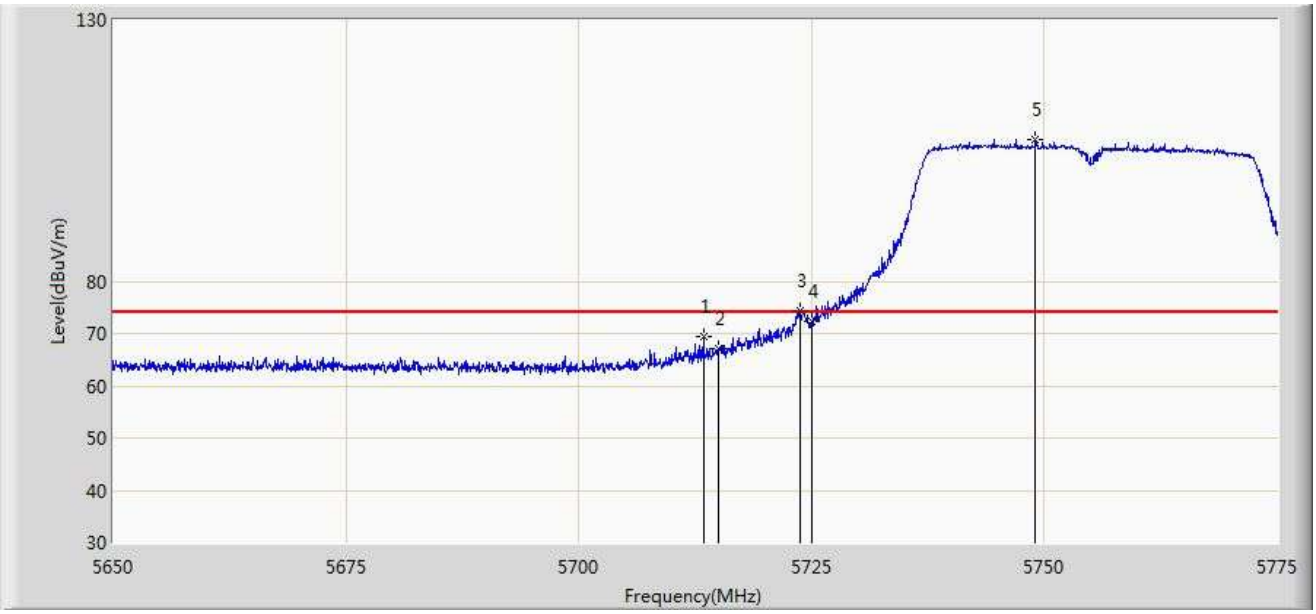


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.107	13.158	-2.893	54.000	37.949	AV
2		*	5769.312	78.987	40.823	N/A	N/A	38.164	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0	

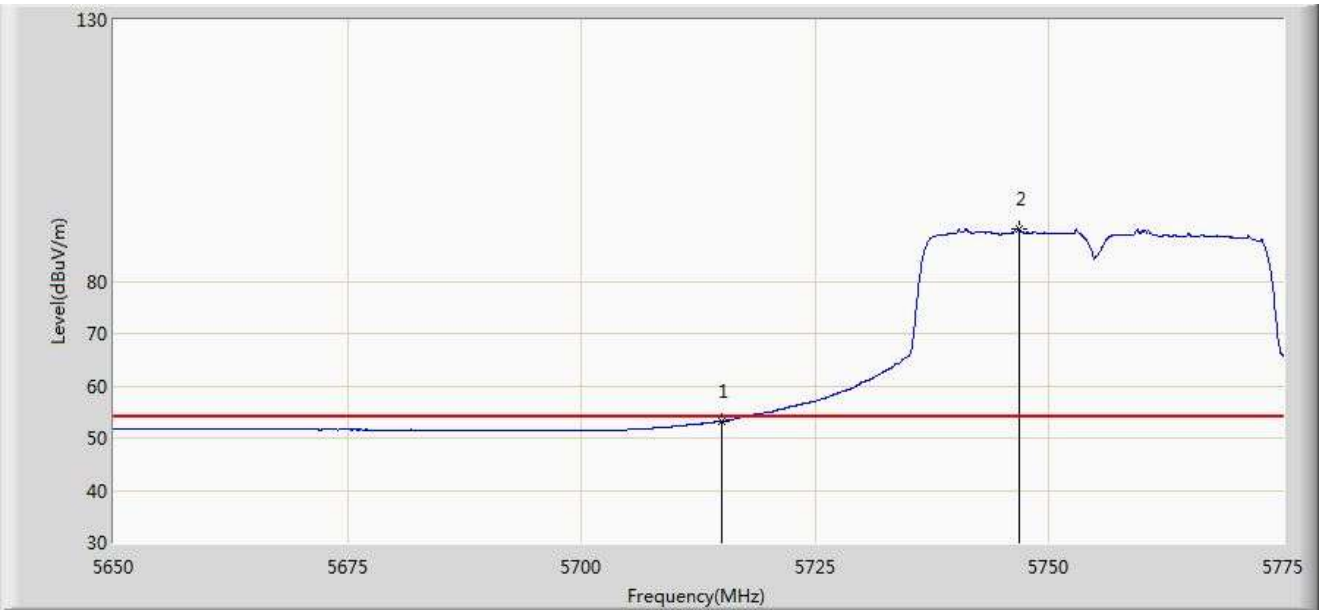


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.375	69.313	31.370	-4.687	74.000	37.943	PK
2			5715.000	67.227	29.278	-6.773	74.000	37.949	PK
3			5723.750	74.397	36.412	-3.803	78.200	37.984	PK
4			5725.000	72.430	34.440	-5.770	78.200	37.990	PK
5		*	5749.000	106.986	68.895	N/A	N/A	38.091	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0	

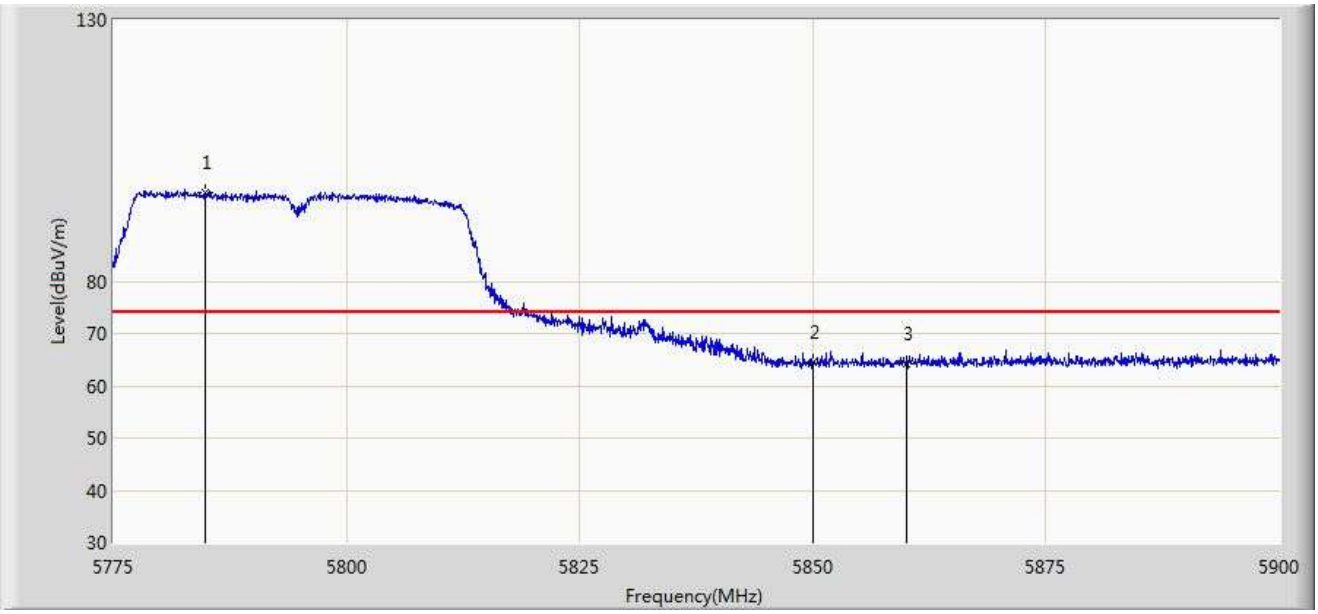


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.218	15.269	-0.782	54.000	37.949	AV
2		*	5746.750	90.136	52.056	N/A	N/A	38.080	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0	

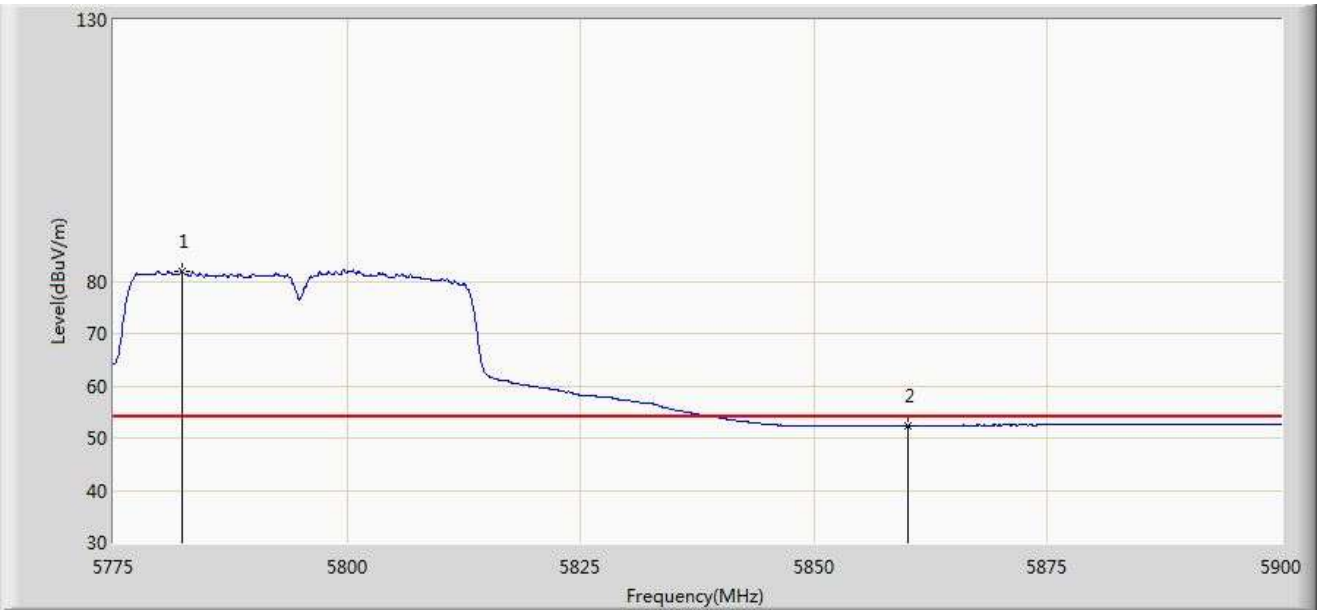


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.812	96.960	58.748	N/A	N/A	38.211	PK
2			5850.000	64.492	26.039	-13.708	78.200	38.454	PK
3			5860.000	64.295	25.817	-9.705	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0	

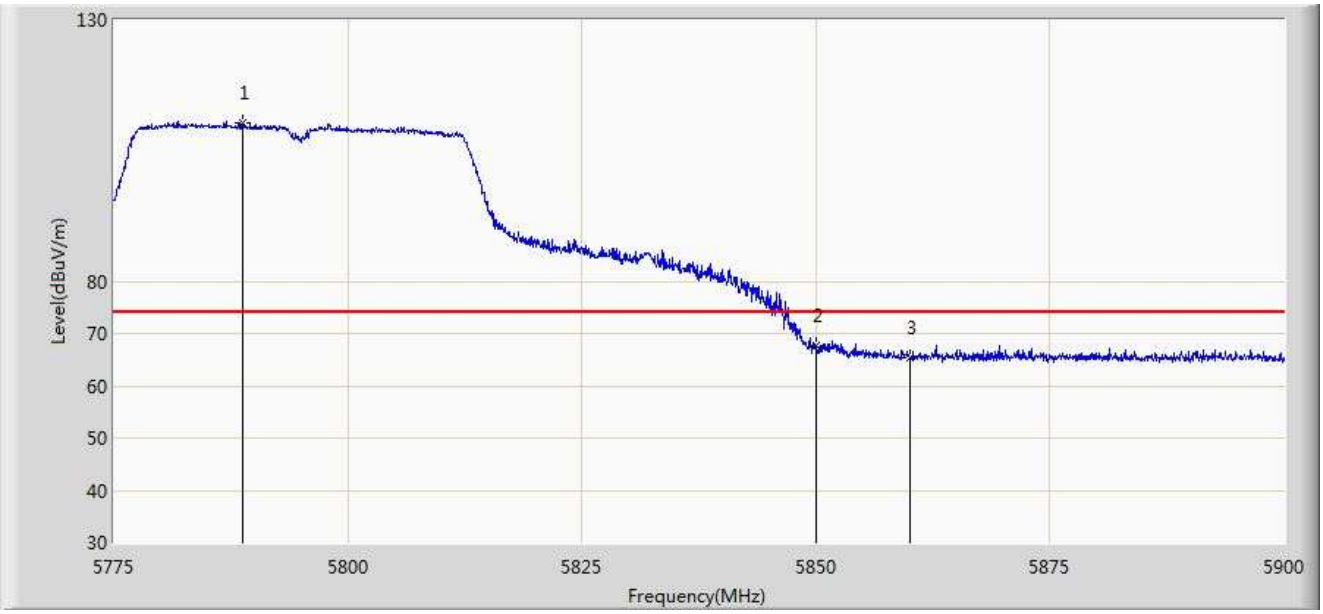


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.312	81.839	43.636	N/A	N/A	38.202	AV
2			5860.000	52.396	13.918	-1.604	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0	

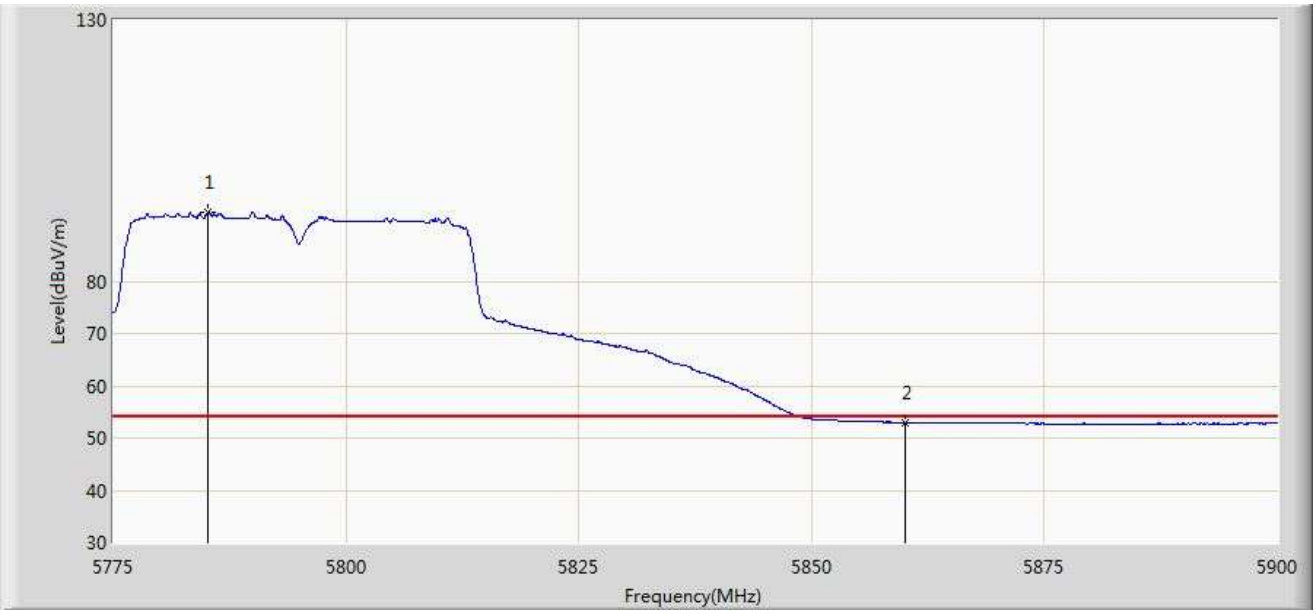


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.812	110.413	72.187	N/A	N/A	38.227	PK
2			5850.000	67.603	29.150	-10.597	78.200	38.454	PK
3			5860.000	65.482	27.004	-8.518	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0	

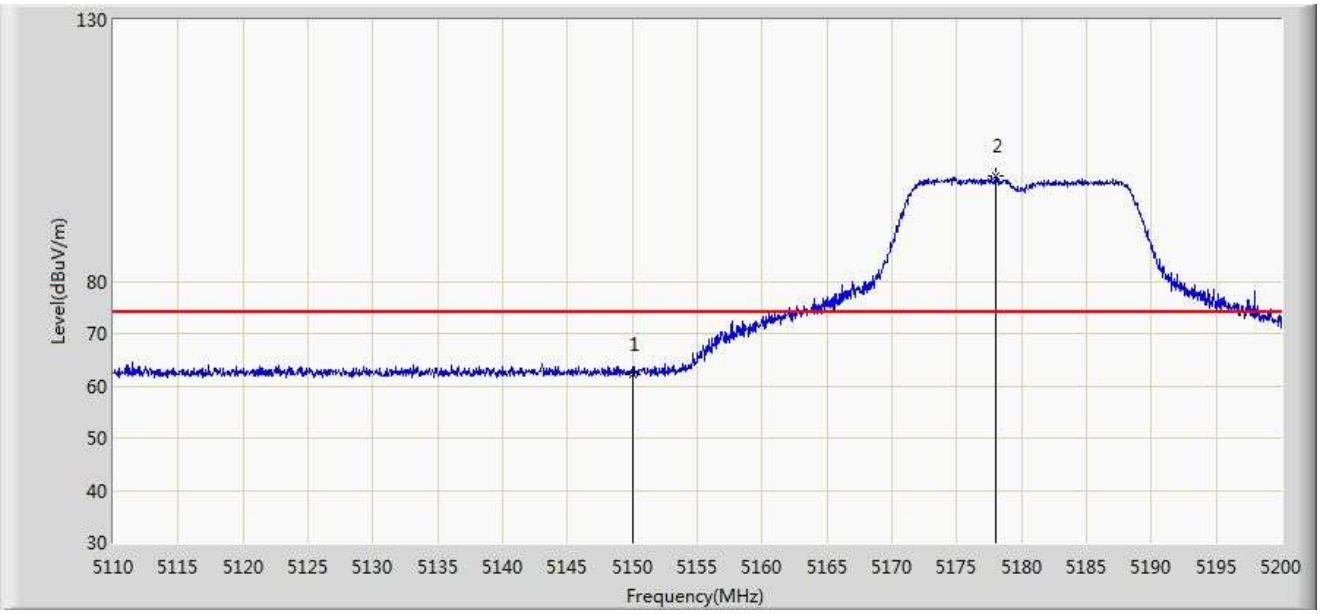


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5785.250	93.050	54.837	N/A	N/A	38.214	AV
2			5860.000	52.963	14.485	-1.037	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0	

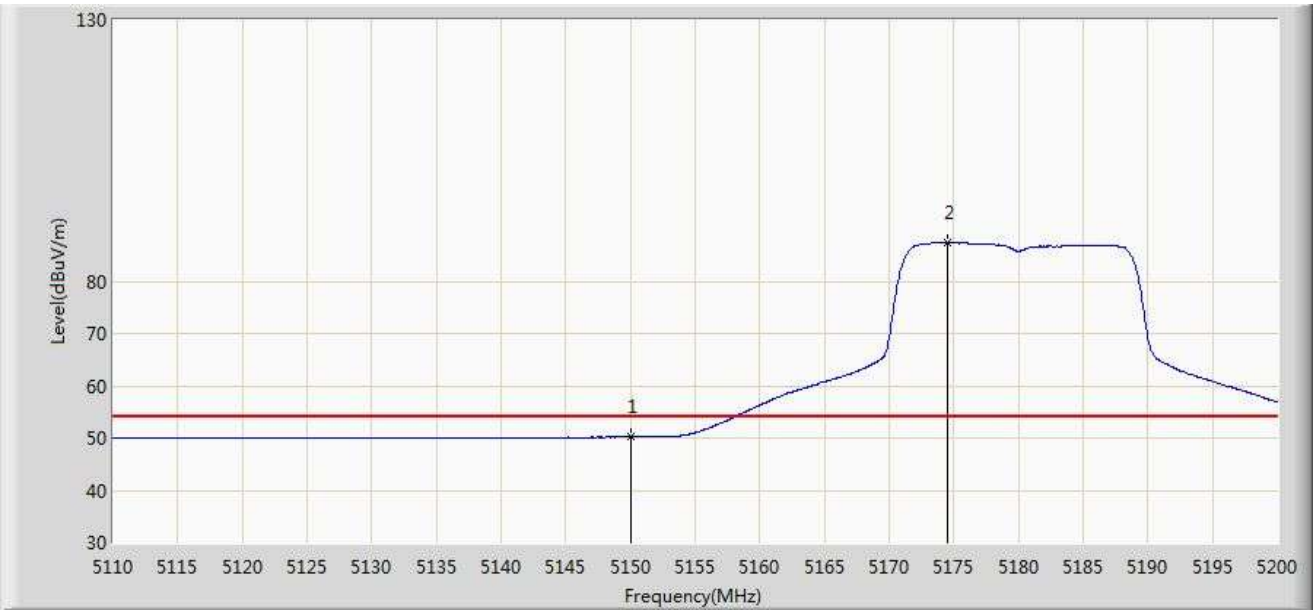


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.264	24.812	-11.736	74.000	37.452	PK
2		*	5178.040	100.278	62.900	N/A	N/A	37.378	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0	

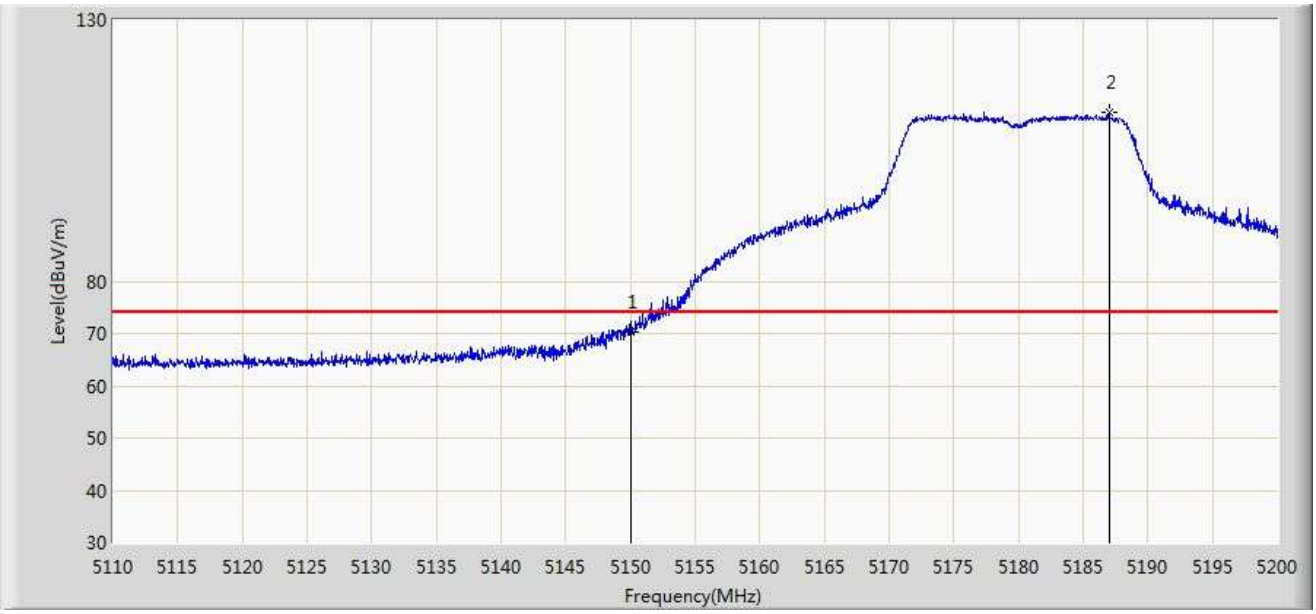


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.186	12.734	-3.814	54.000	37.452	AV
2		*	5174.485	87.310	49.924	N/A	N/A	37.386	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 18:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	70.166	32.714	-3.834	74.000	37.452	PK
2		*	5186.995	112.181	74.825	N/A	N/A	37.356	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

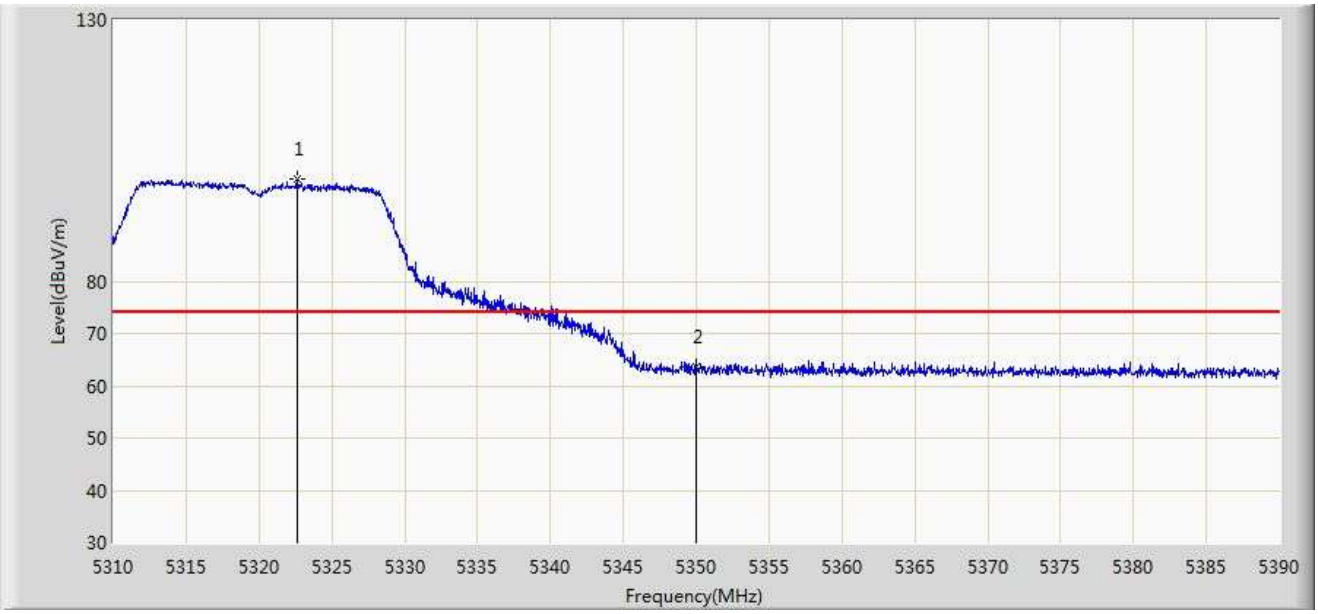
Site: AC1	Time: 2015/05/09 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.940	15.488	-1.060	54.000	37.452	AV
2		*	5185.375	98.915	61.554	N/A	N/A	37.361	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.600	99.441	62.223	N/A	N/A	37.218	PK
2			5350.000	63.693	26.407	-10.307	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

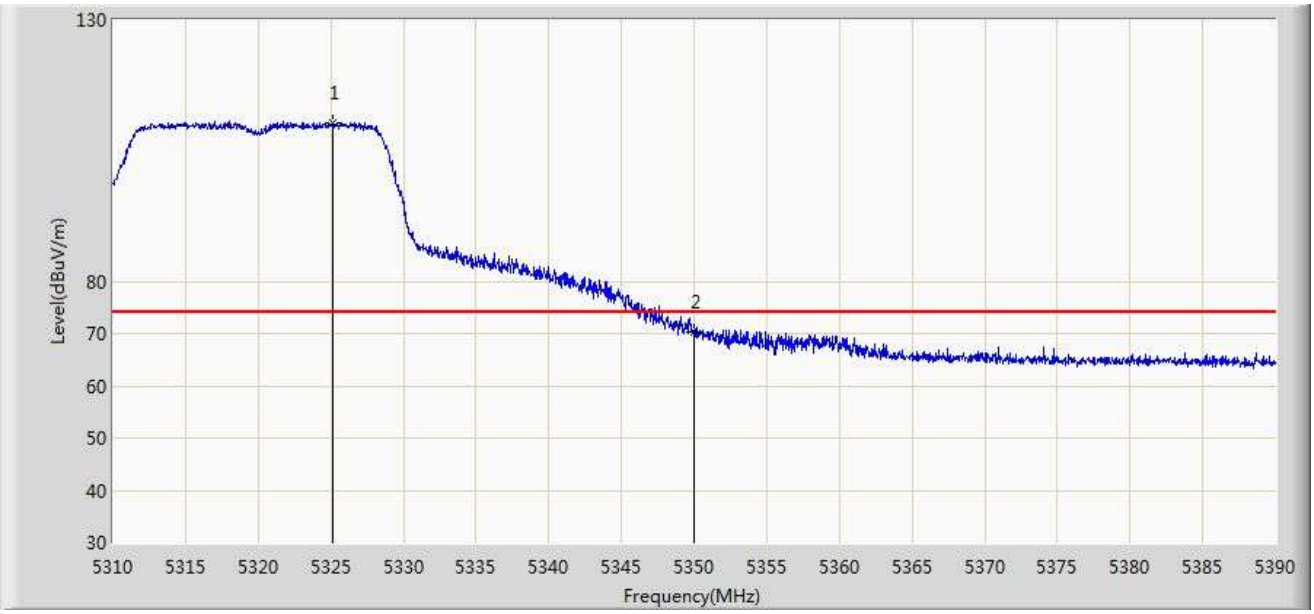
Site: AC1	Time: 2015/05/09 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.560	86.562	49.360	N/A	N/A	37.202	AV
2			5350.000	50.664	13.378	-3.336	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 18:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0	

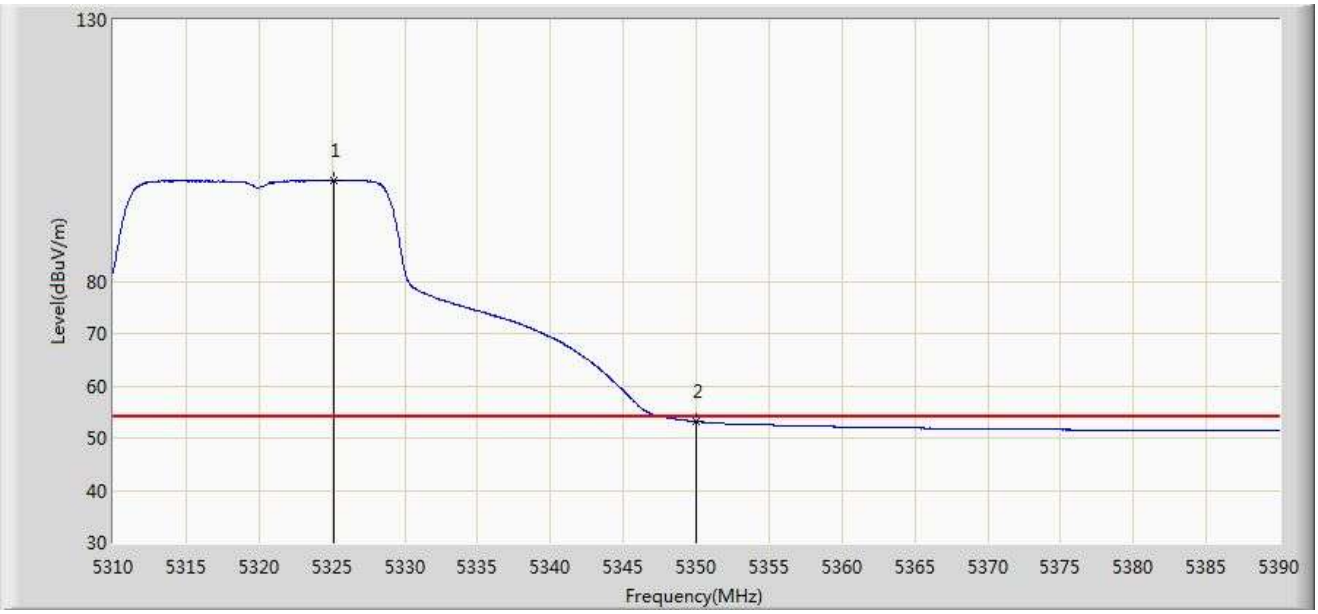


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.160	110.319	73.096	N/A	N/A	37.223	PK
2			5350.000	70.279	32.993	-3.721	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0	

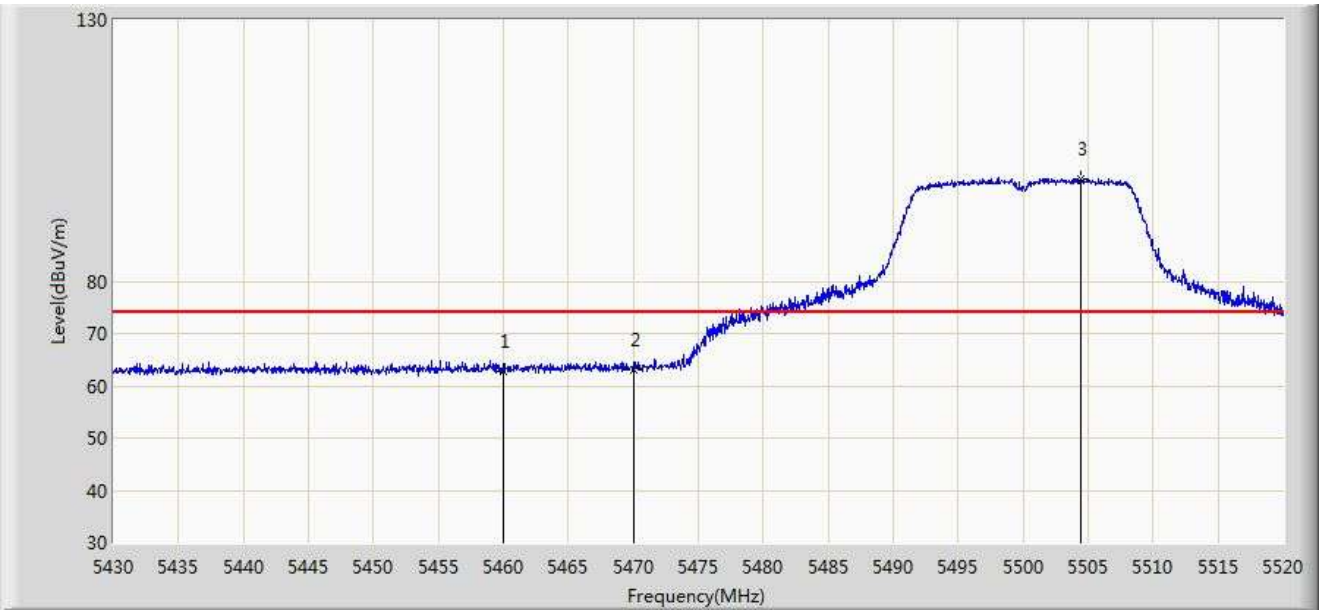


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.120	99.412	62.189	N/A	N/A	37.223	AV
2			5350.000	53.141	15.855	-0.859	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0	

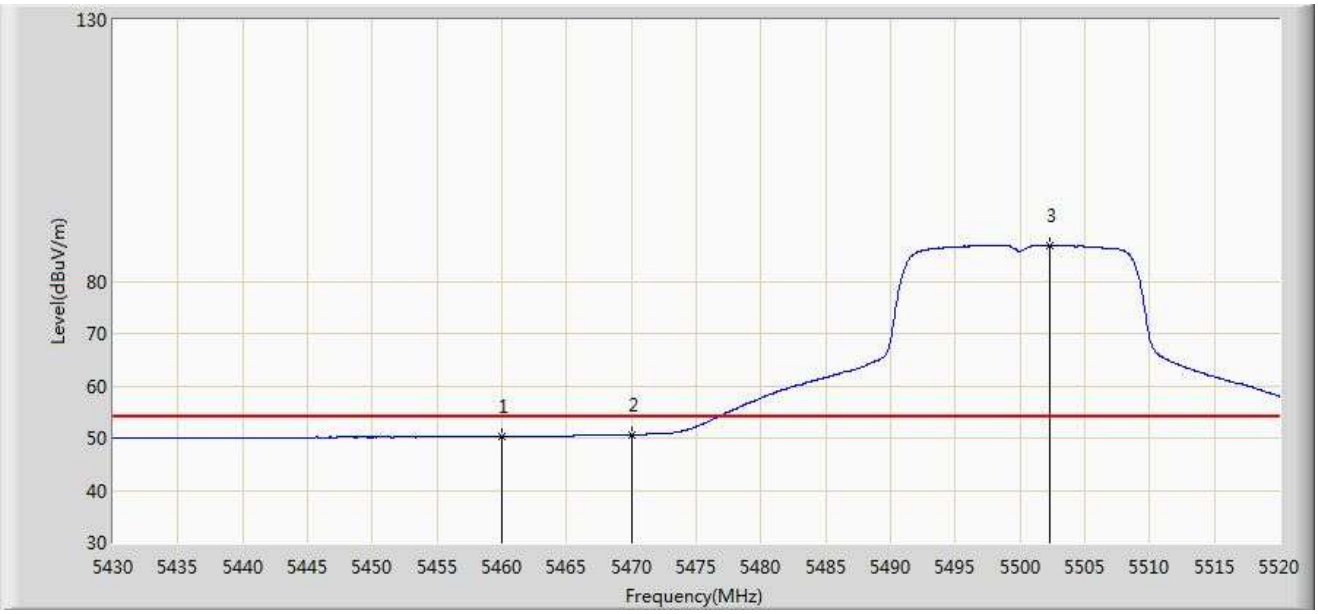


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.830	25.267	-11.170	74.000	37.563	PK
2			5470.000	63.180	25.591	-10.820	74.000	37.588	PK
3		*	5504.385	99.483	61.854	N/A	N/A	37.629	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0	

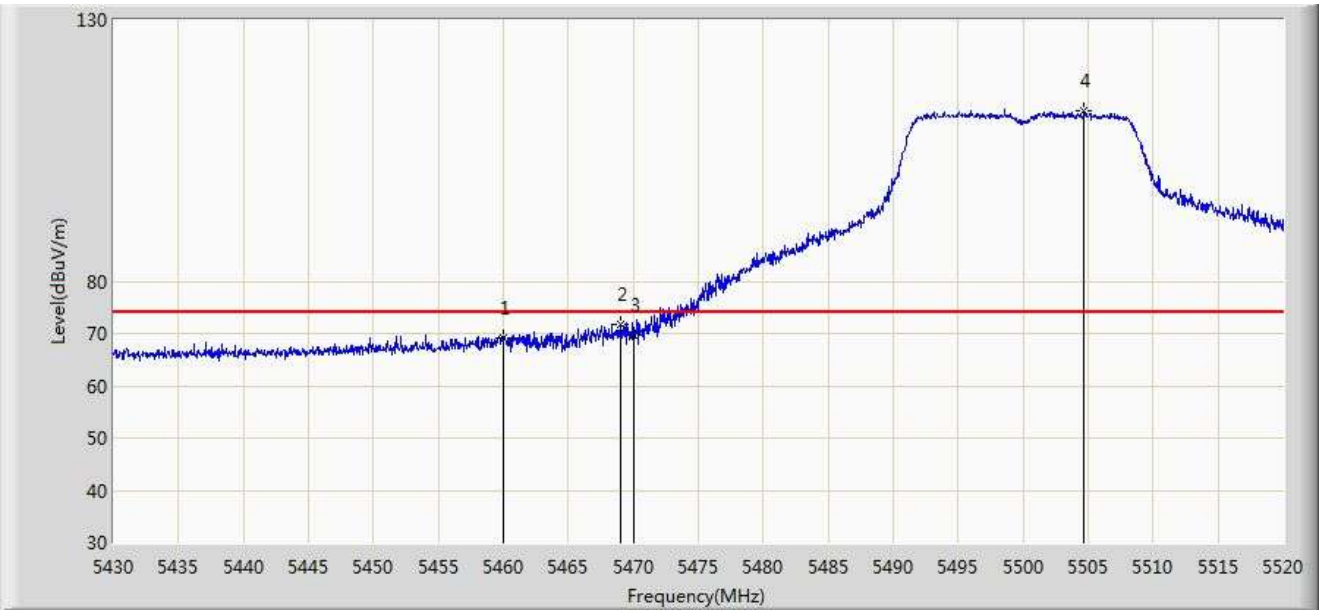


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.290	12.727	-3.710	54.000	37.563	AV
2			5470.000	50.630	13.041	-3.370	54.000	37.588	AV
3		*	5502.315	86.866	49.239	N/A	N/A	37.627	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/16 - 19:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0	

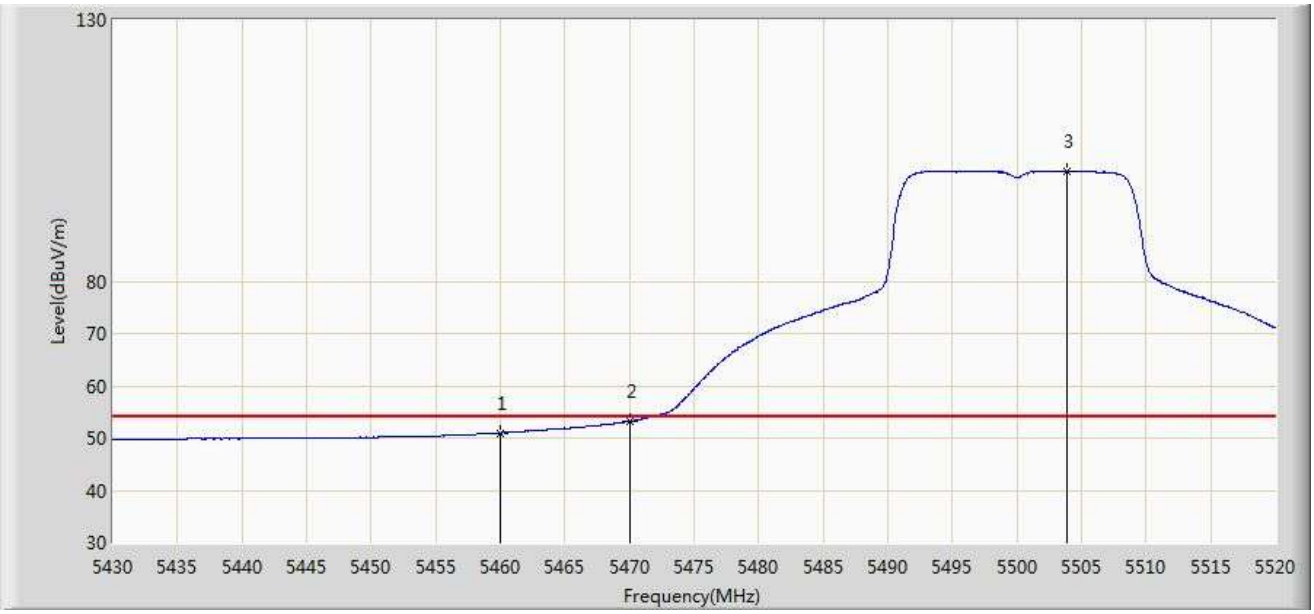


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	69.038	31.475	-4.962	74.000	37.563	PK
2			5469.015	71.882	34.296	-2.118	74.000	37.586	PK
3			5470.000	69.737	32.148	-4.263	74.000	37.588	PK
4		*	5504.655	112.470	74.841	N/A	N/A	37.629	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0	

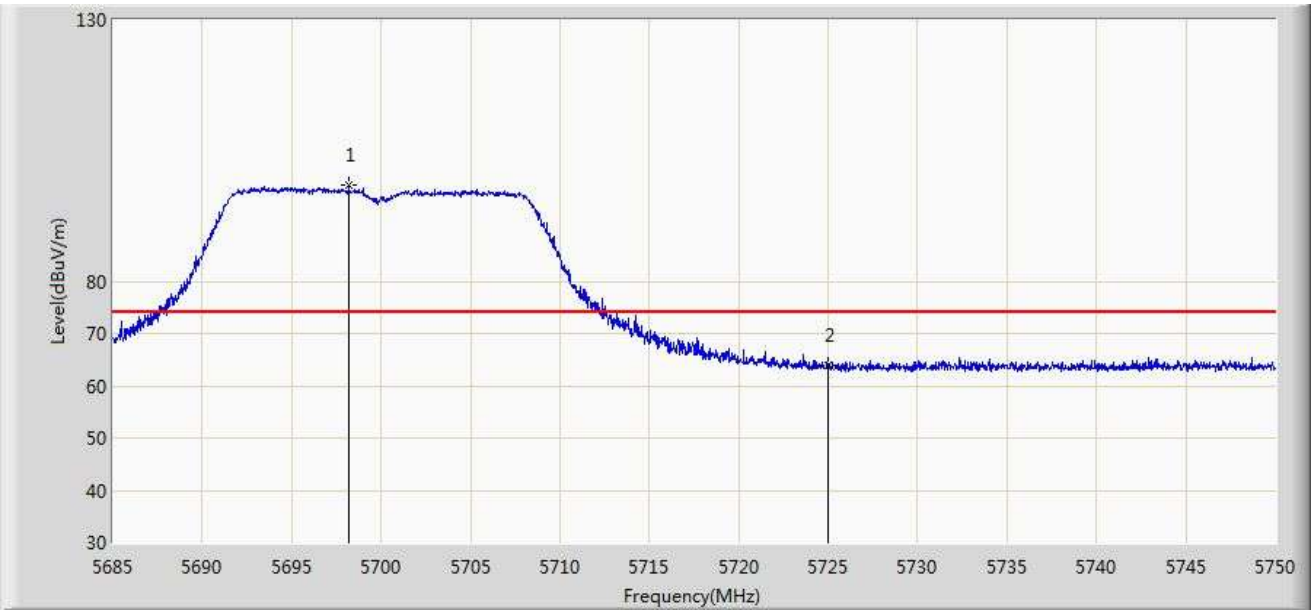


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.962	13.399	-3.038	54.000	37.563	AV
2			5470.000	53.241	15.653	-0.759	54.000	37.588	AV
3		*	5503.845	101.073	63.444	N/A	N/A	37.629	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0	

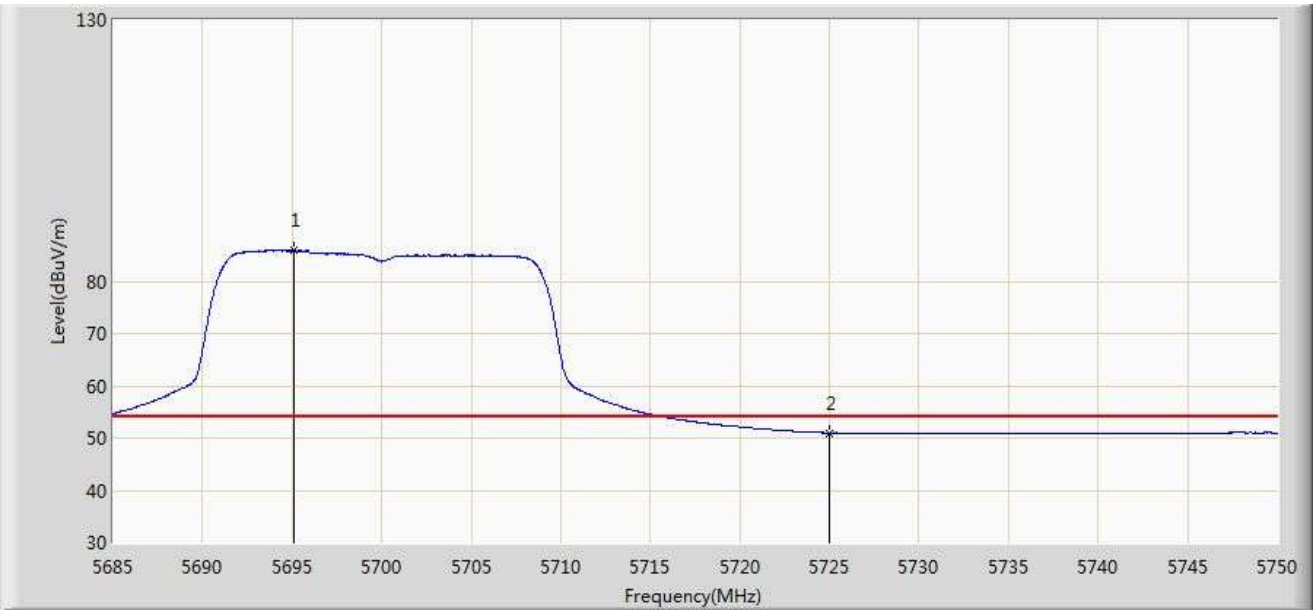


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.195	98.424	60.536	N/A	N/A	37.888	PK
2			5725.000	63.888	25.898	-10.112	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0	

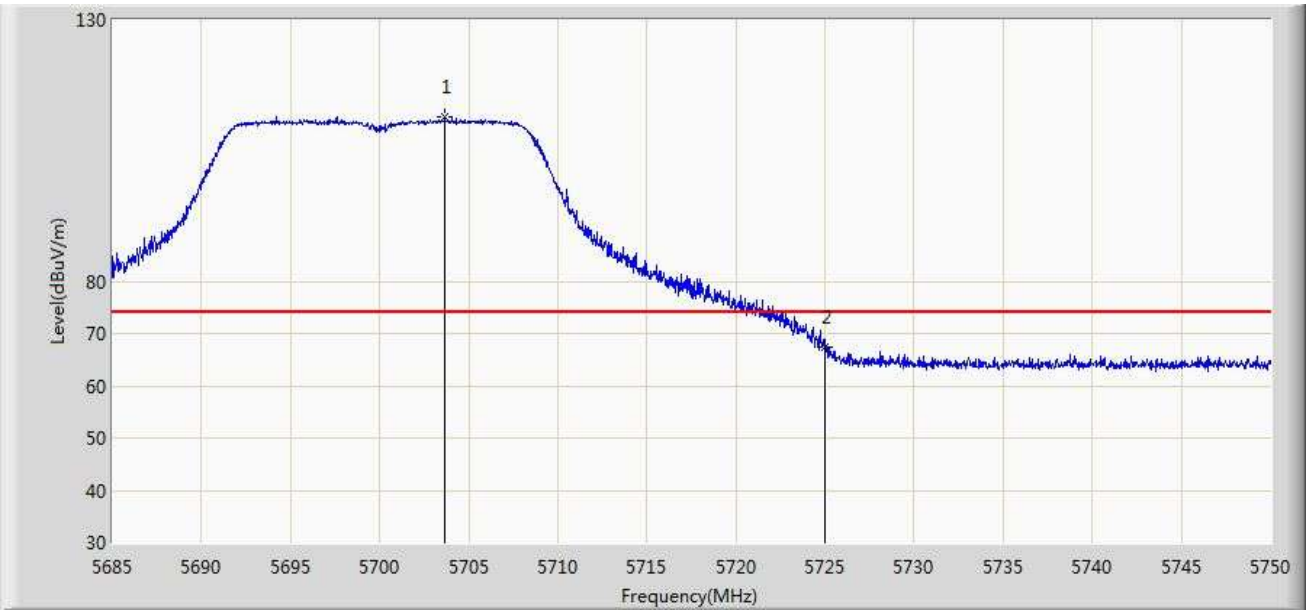


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.075	85.934	48.054	N/A	N/A	37.880	AV
2			5725.000	50.994	13.004	-3.006	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0	

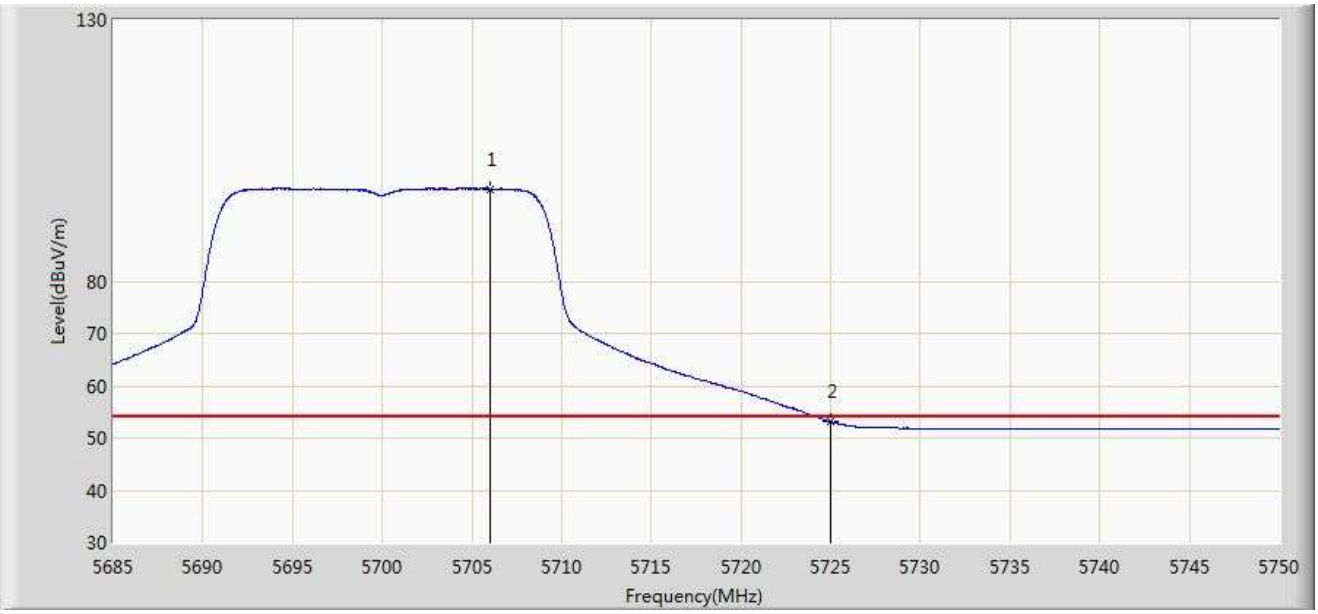


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5703.655	111.587	73.685	N/A	N/A	37.902	PK
2			5725.000	67.300	29.310	-6.700	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0	

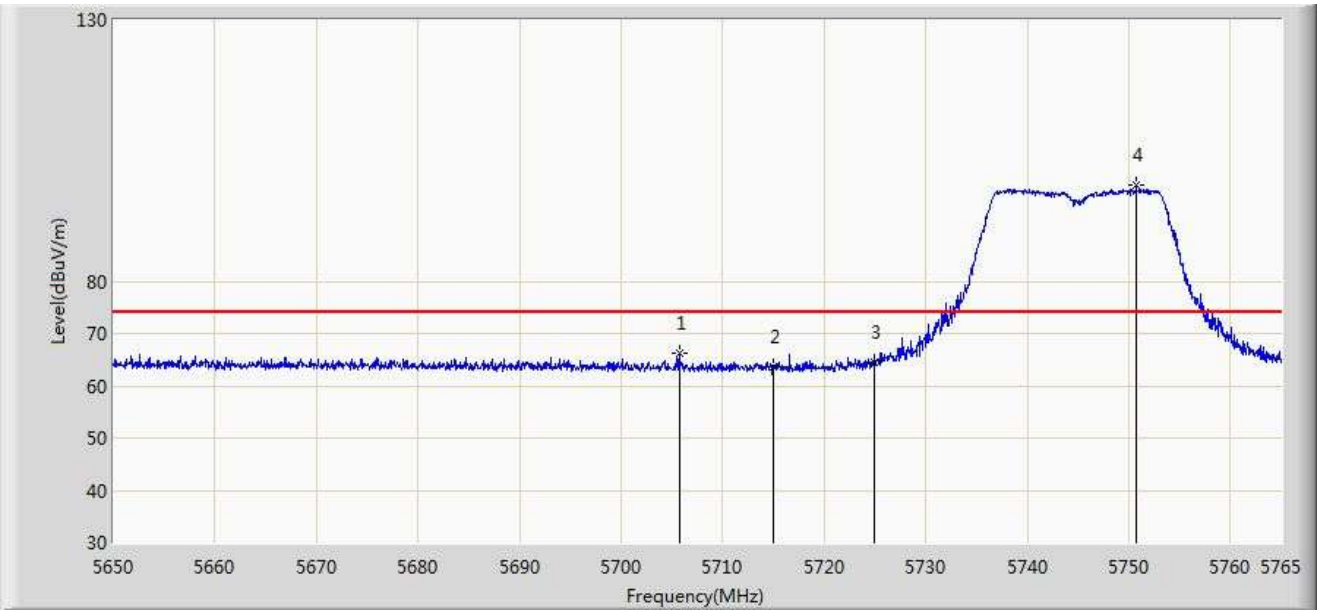


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.995	97.633	59.721	N/A	N/A	37.913	AV
2			5725.000	53.117	15.127	-0.883	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0	

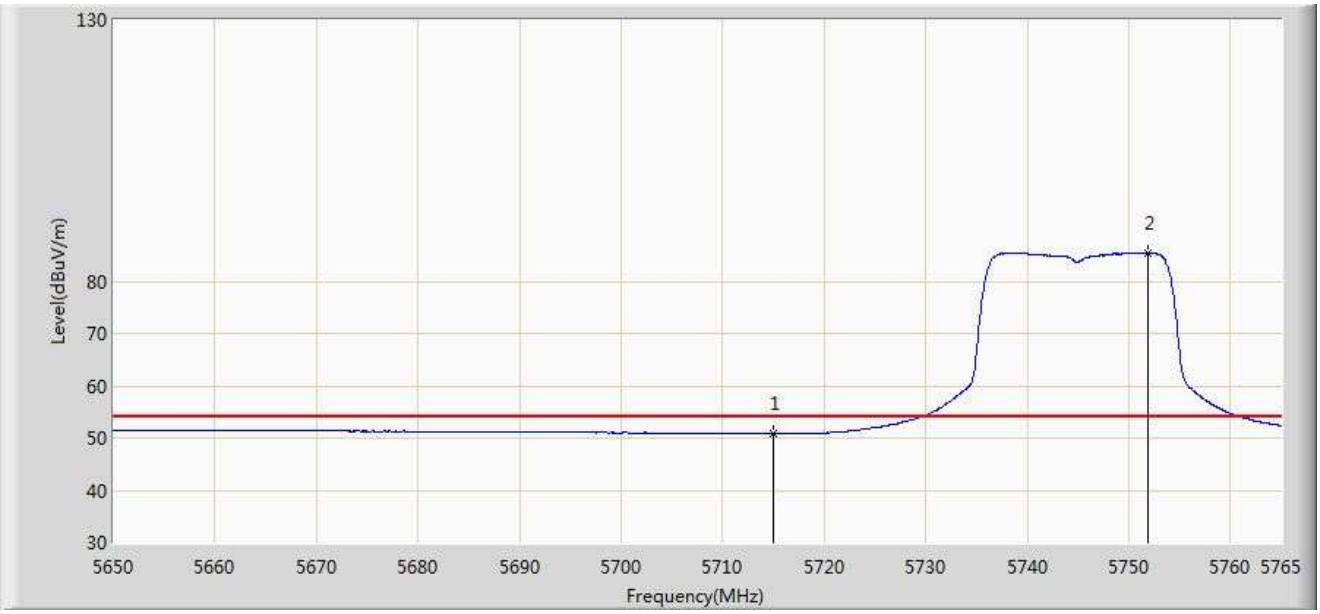


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5705.717	66.316	28.405	-7.684	74.000	37.911	PK
2			5715.000	63.585	25.636	-10.415	74.000	37.949	PK
3			5725.000	64.463	26.473	-13.737	78.200	37.990	PK
4		*	5750.740	98.333	60.234	N/A	N/A	38.099	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0	

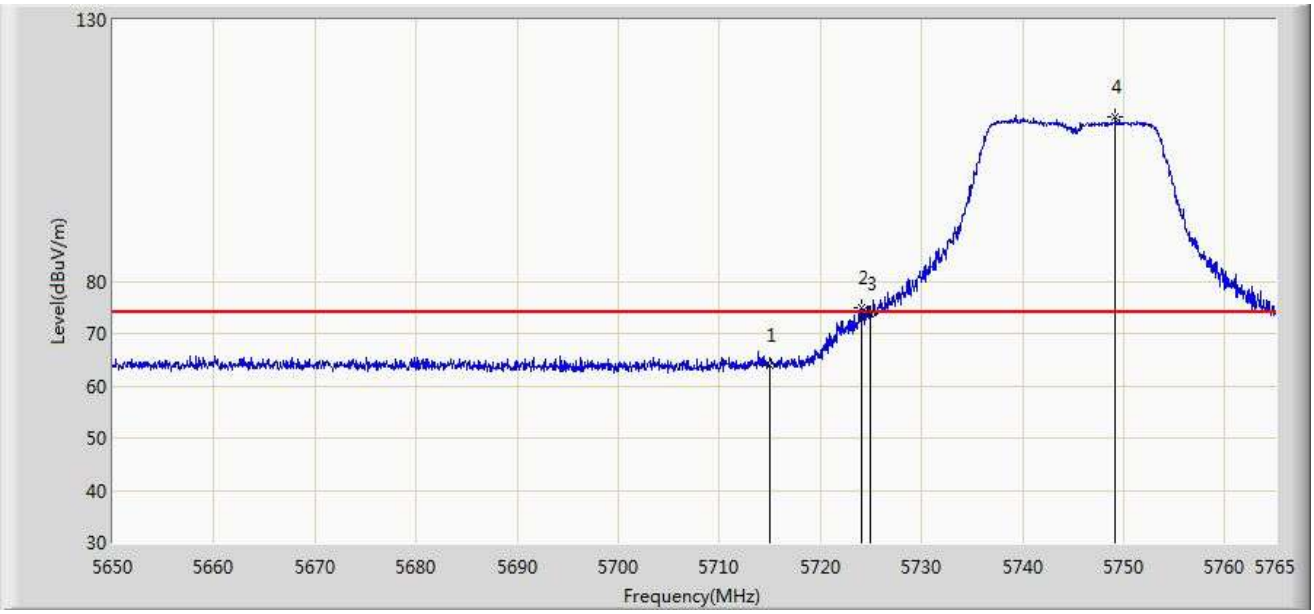


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.889	12.940	-3.111	54.000	37.949	AV
2		*	5751.890	85.444	47.339	N/A	N/A	38.105	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0	

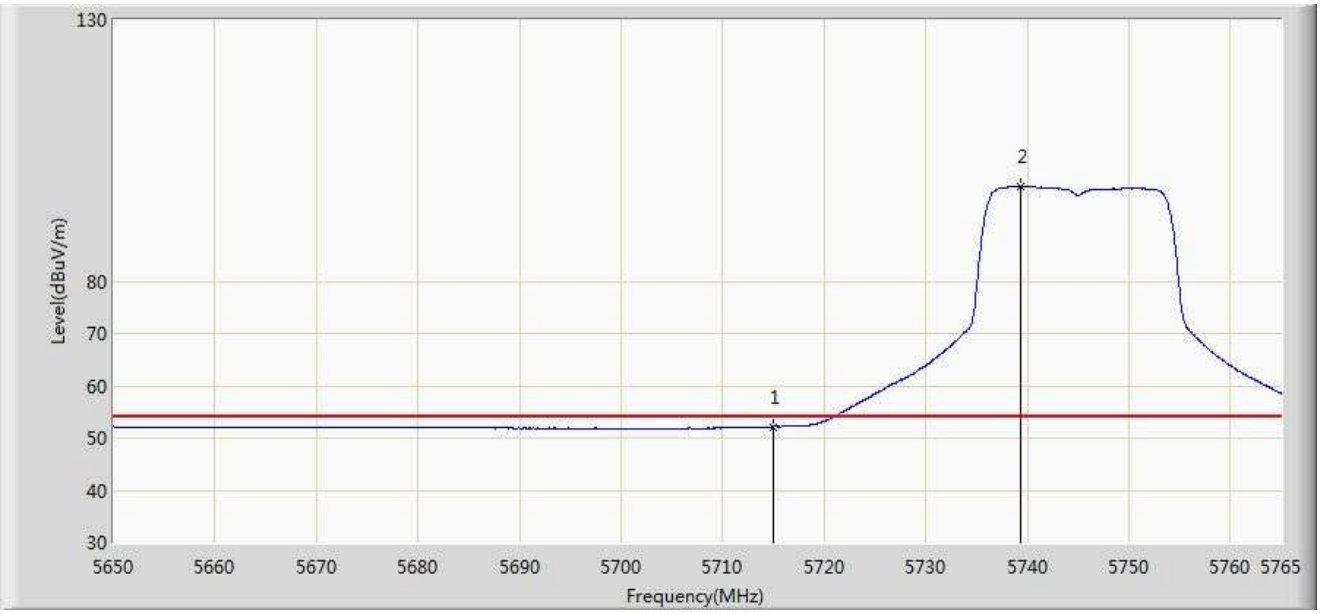


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.796	25.847	-10.204	74.000	37.949	PK
2			5724.002	75.015	37.029	-3.185	78.200	37.986	PK
3			5725.000	73.732	35.742	-4.468	78.200	37.990	PK
4		*	5749.187	111.332	73.240	N/A	N/A	38.092	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0	

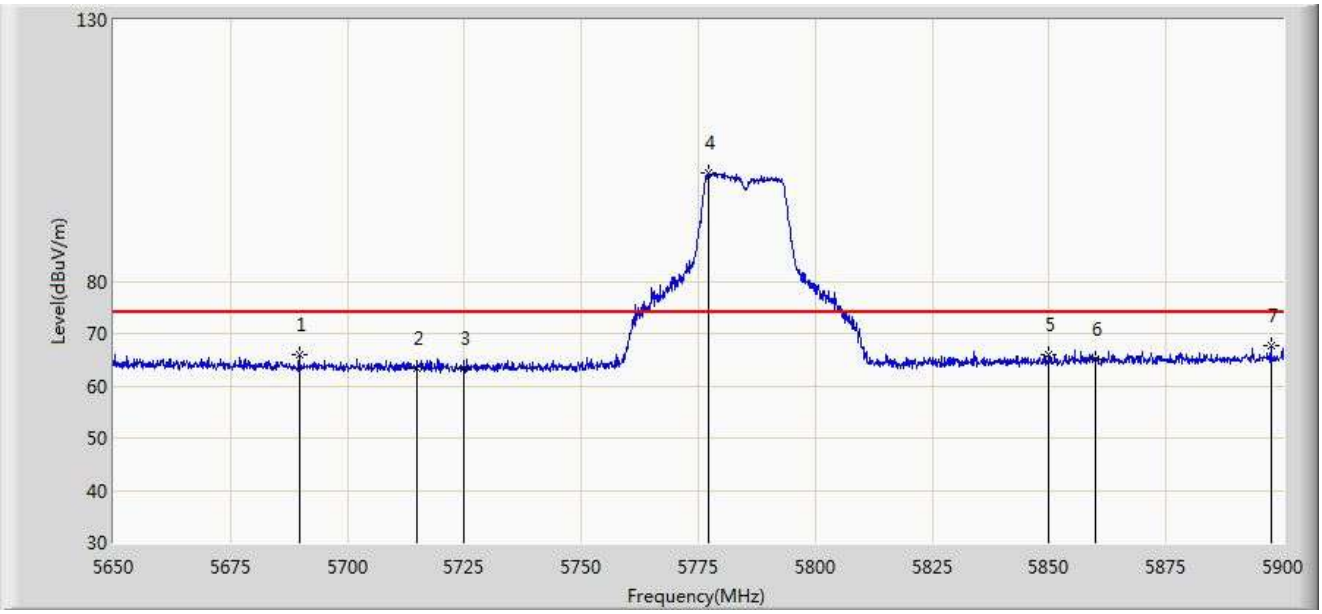


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.167	14.218	-1.833	54.000	37.949	AV
2		*	5739.355	98.067	60.018	N/A	N/A	38.049	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0	

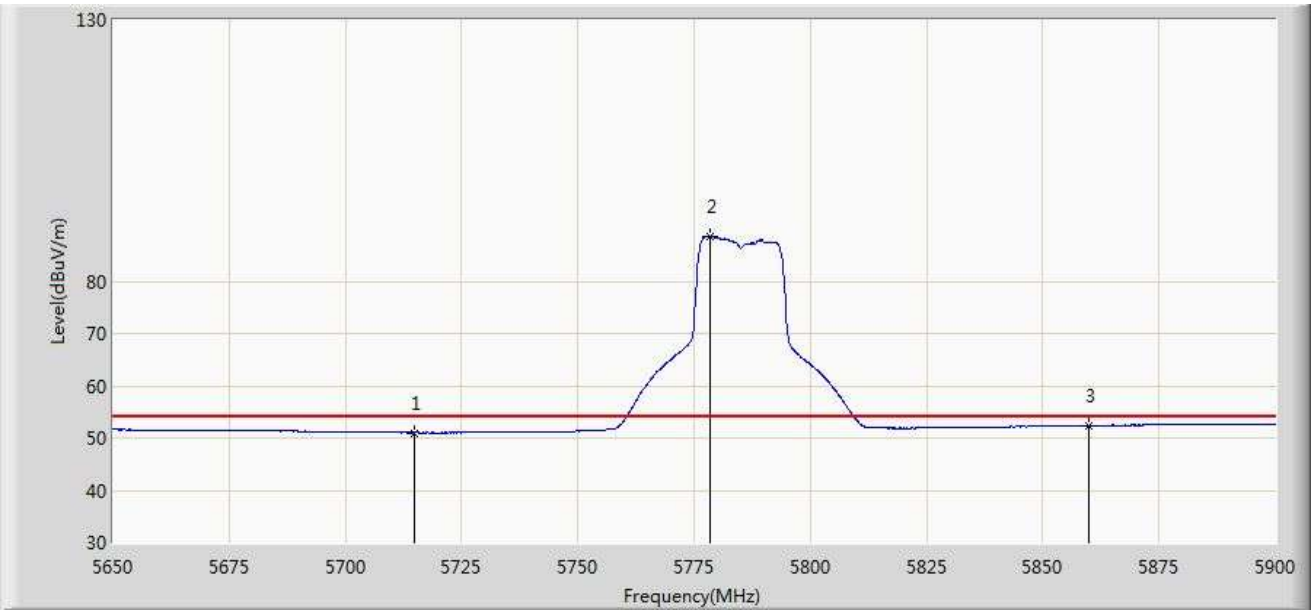


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5689.750	65.918	28.054	-8.082	74.000	37.864	PK
2			5715.000	63.404	25.455	-10.596	74.000	37.949	PK
3			5725.000	63.381	25.391	-14.819	78.200	37.990	PK
4		*	5777.125	100.744	62.560	N/A	N/A	38.184	PK
5			5850.000	65.941	27.488	-12.259	78.200	38.454	PK
6			5860.000	64.990	26.512	-9.010	74.000	38.478	PK
7			5897.375	67.813	29.296	-6.187	74.000	38.517	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0	

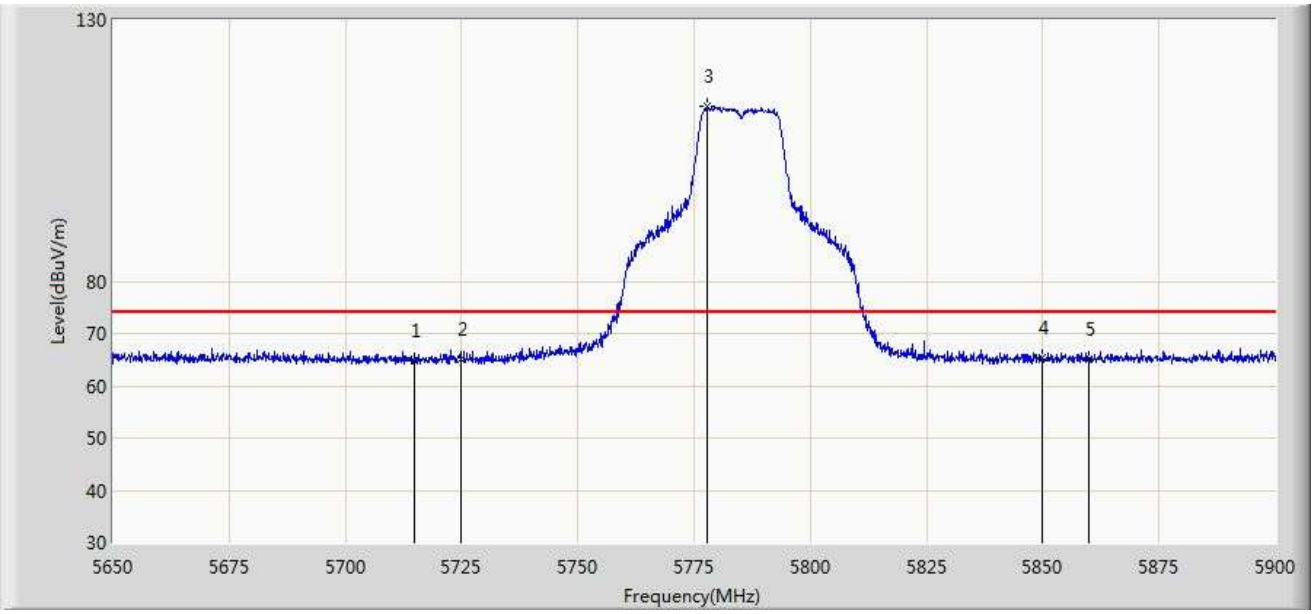


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.014	13.065	-2.986	54.000	37.949	AV
2		*	5778.375	88.593	50.405	N/A	N/A	38.188	AV
3			5860.000	52.382	13.904	-1.618	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0	

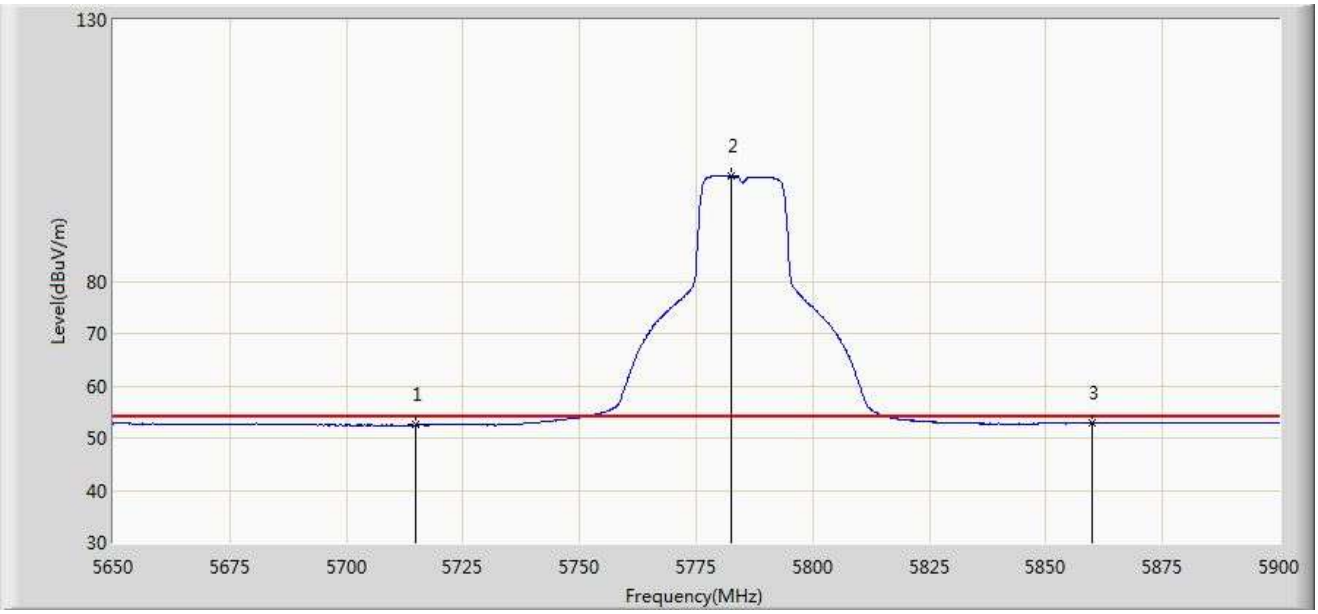


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.671	26.722	-9.329	74.000	37.949	PK
2			5725.000	65.065	27.075	-13.135	78.200	37.990	PK
3		*	5777.875	113.559	75.372	N/A	N/A	38.187	PK
4			5850.000	65.482	27.029	-12.718	78.200	38.454	PK
5			5860.000	65.143	26.665	-8.857	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0	

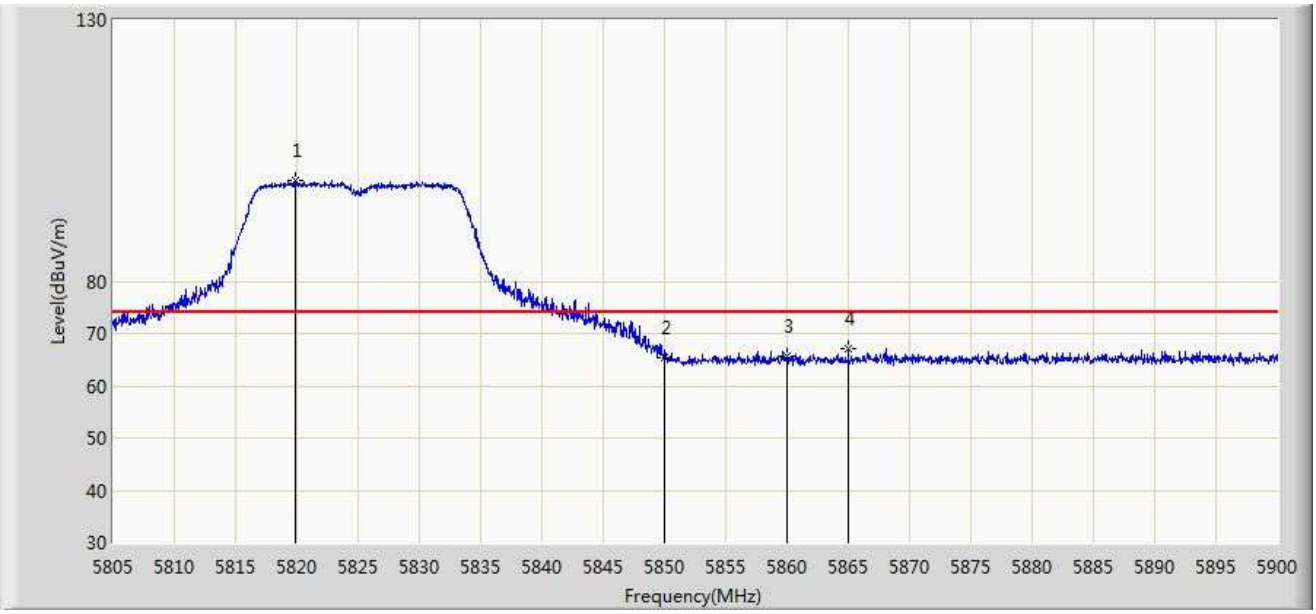


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.489	14.540	-1.511	54.000	37.949	AV
2		*	5782.625	100.043	61.839	N/A	N/A	38.204	AV
3			5860.000	52.807	14.329	-1.193	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0	

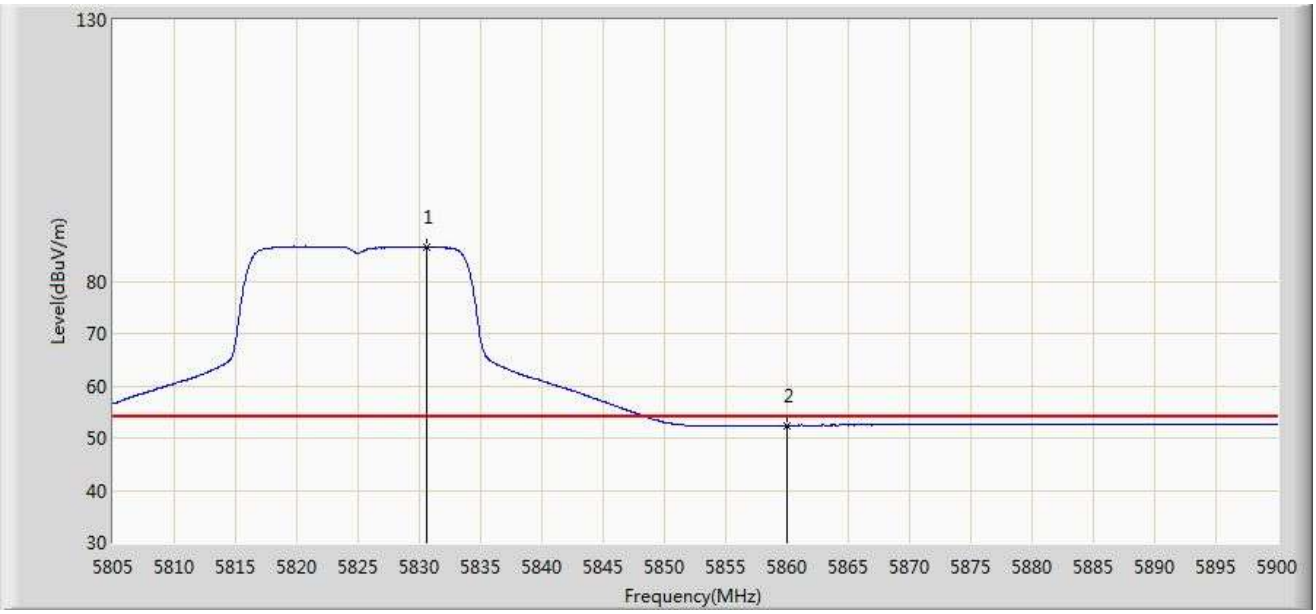


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.915	99.175	60.841	N/A	N/A	38.335	PK
2			5850.000	65.466	27.013	-12.734	78.200	38.454	PK
3			5860.000	65.535	27.057	-8.465	74.000	38.478	PK
4			5864.993	67.228	28.742	-6.772	74.000	38.486	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0	

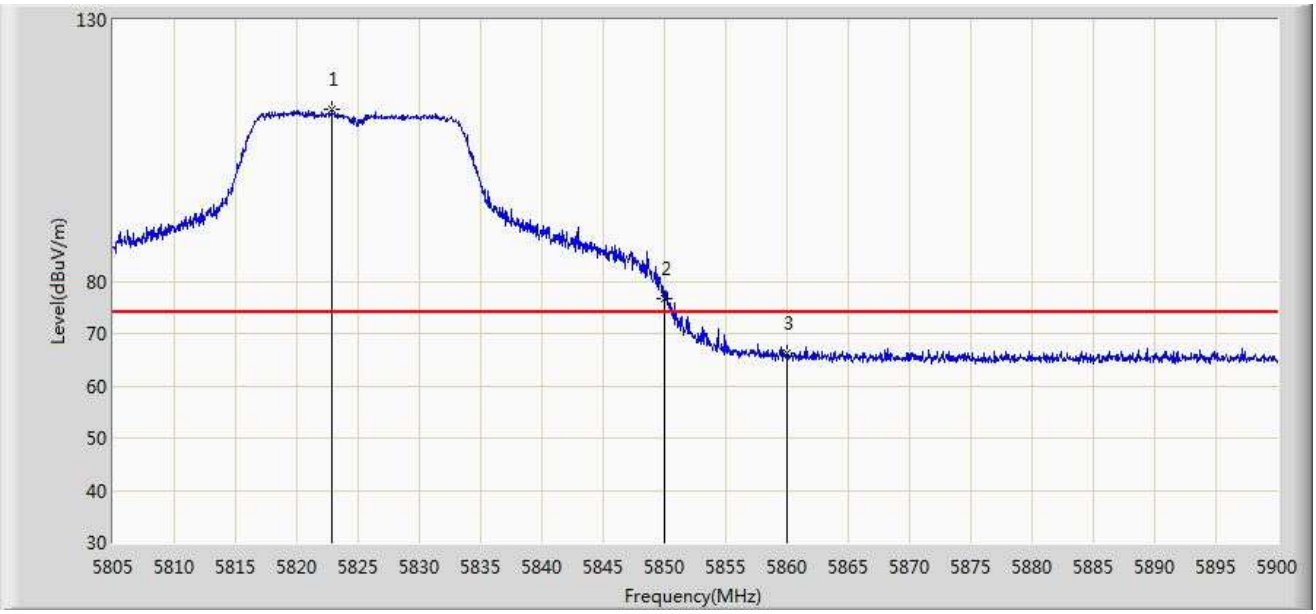


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.650	86.481	48.101	N/A	N/A	38.379	AV
2			5860.000	52.436	13.958	-1.564	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0	

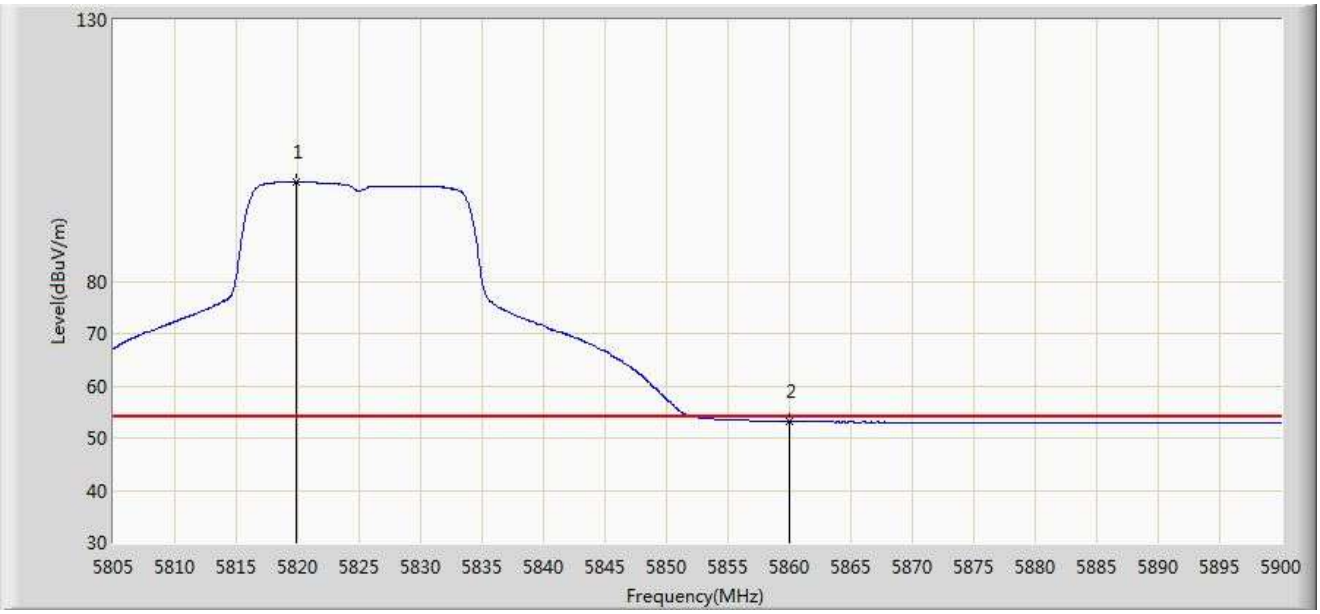


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.860	112.870	74.523	N/A	N/A	38.347	PK
2			5850.000	76.728	38.275	-1.472	78.200	38.454	PK
3			5860.000	66.293	27.815	-7.707	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0	

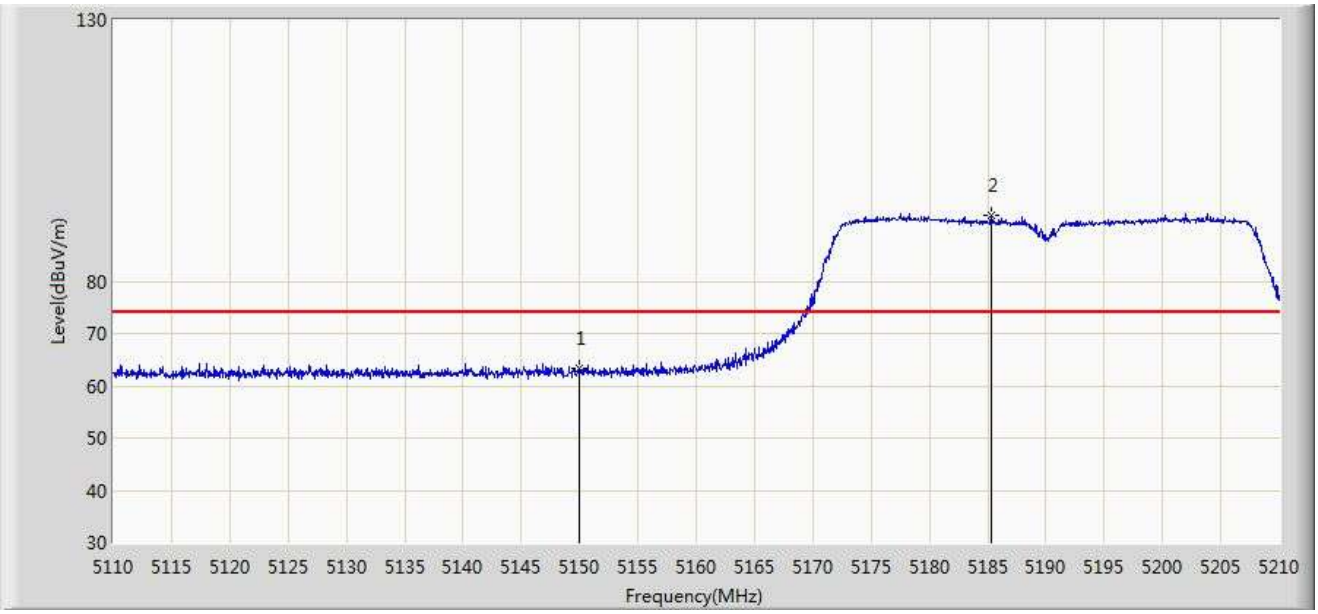


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	98.910	60.576	N/A	N/A	38.335	AV
2			5860.000	53.151	14.673	-0.849	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0	

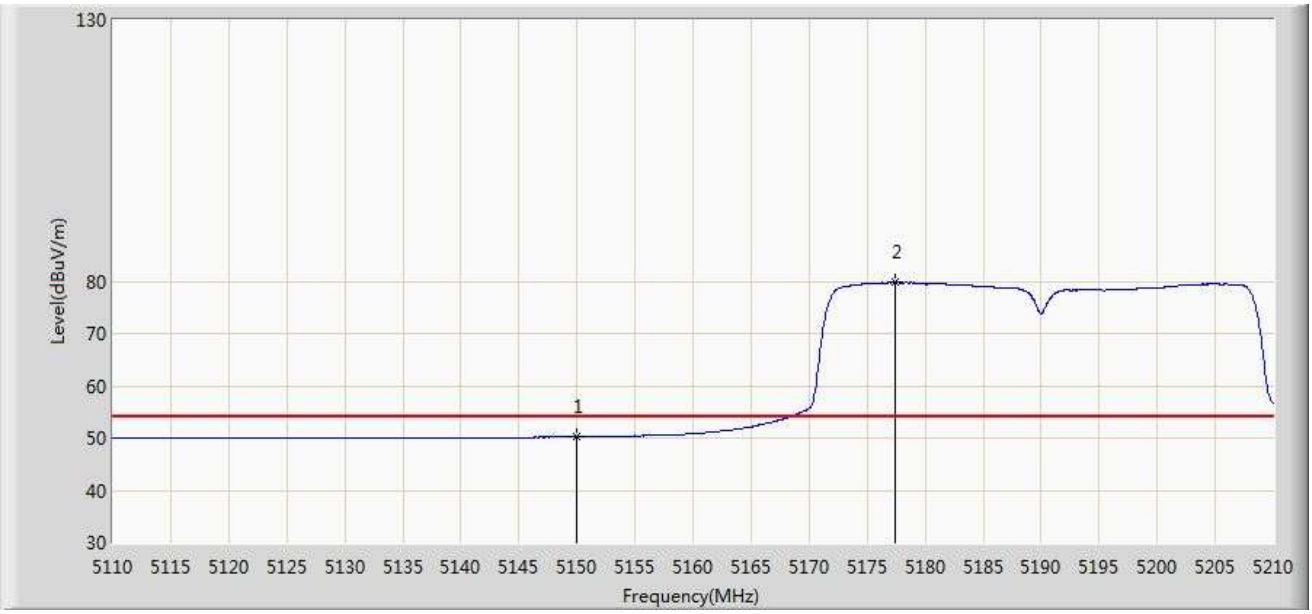


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.478	26.026	-10.522	74.000	37.452	PK
2		*	5185.300	92.613	55.252	N/A	N/A	37.361	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0	

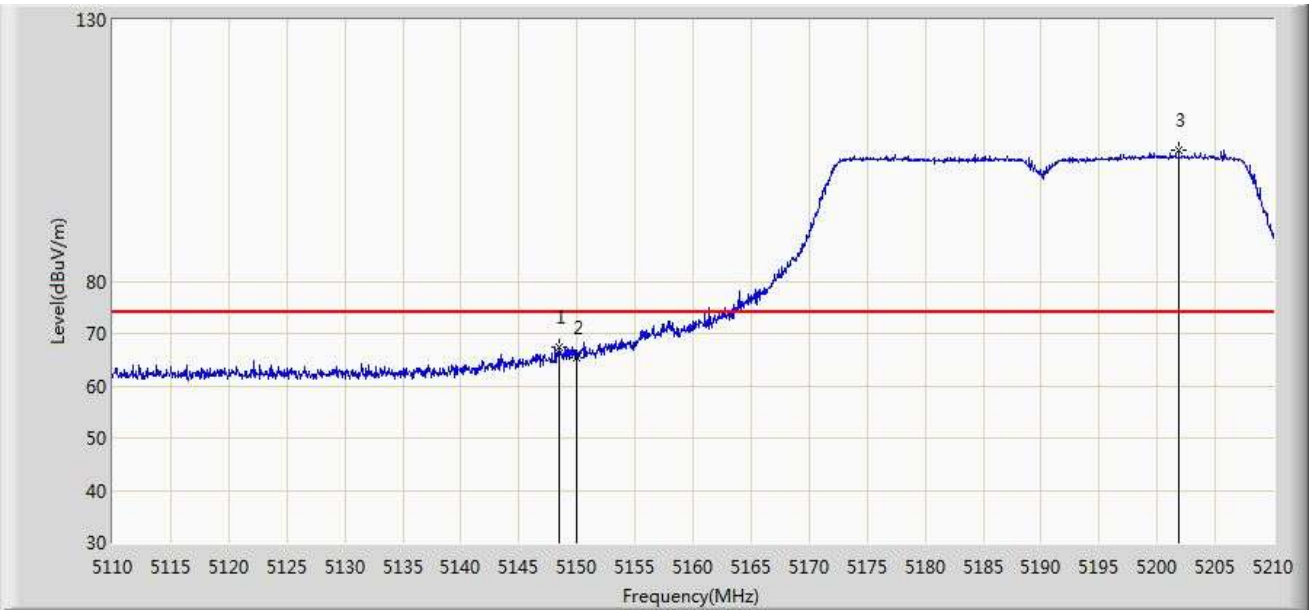


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.251	12.799	-3.749	54.000	37.452	AV
2		*	5177.450	79.733	42.353	N/A	N/A	37.380	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.500	67.519	30.065	-6.481	74.000	37.454	PK
2			5150.000	65.383	27.931	-8.617	74.000	37.452	PK
3		*	5201.850	105.009	67.691	N/A	N/A	37.318	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

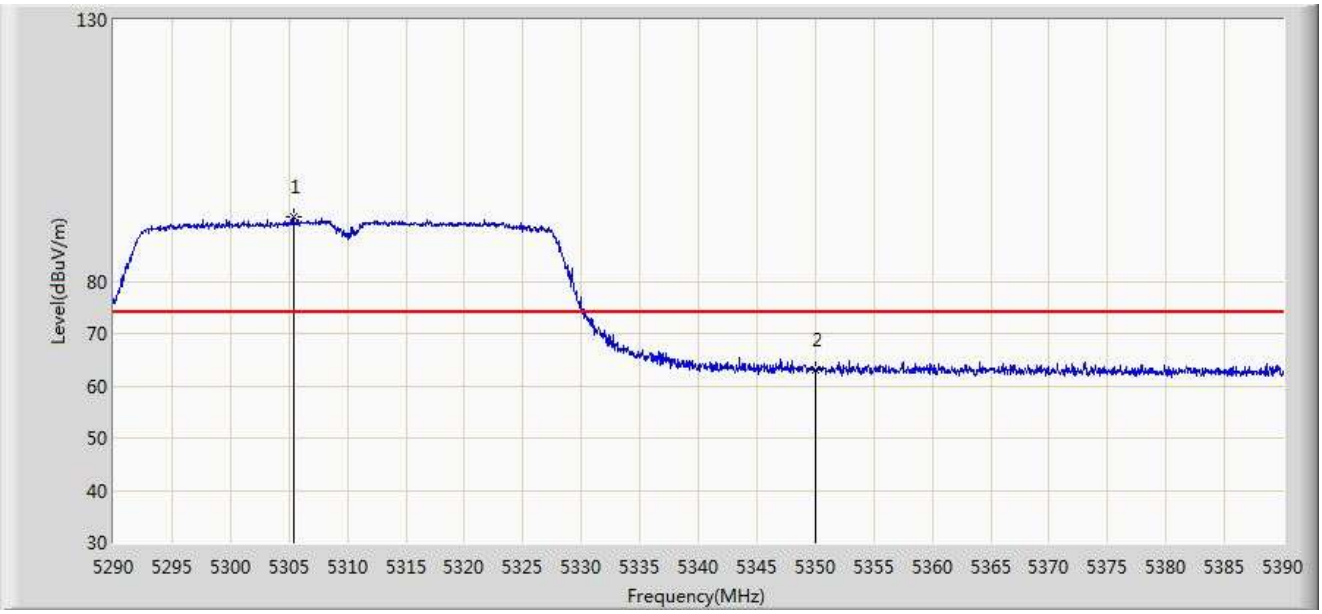
Site: AC1	Time: 2015/05/09 - 03:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.772	15.320	-1.228	54.000	37.452	AV
2		*	5202.650	90.893	53.578	N/A	N/A	37.315	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0	

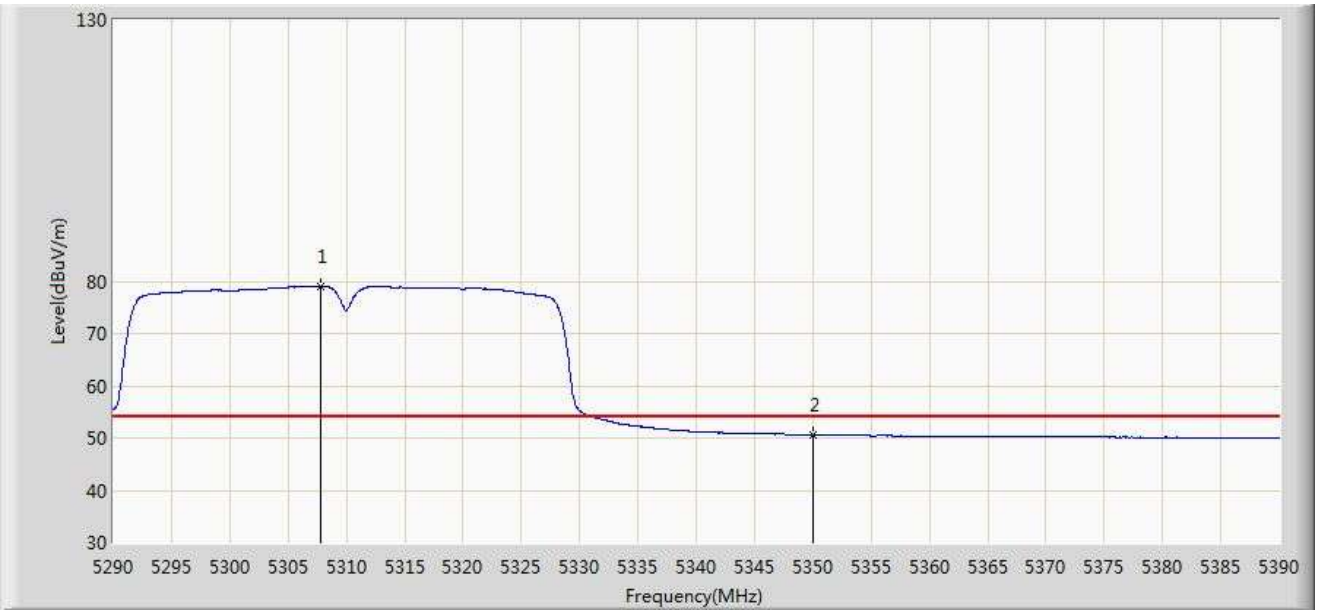


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.400	92.318	55.125	N/A	N/A	37.192	PK
2			5350.000	63.138	25.852	-10.862	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0	

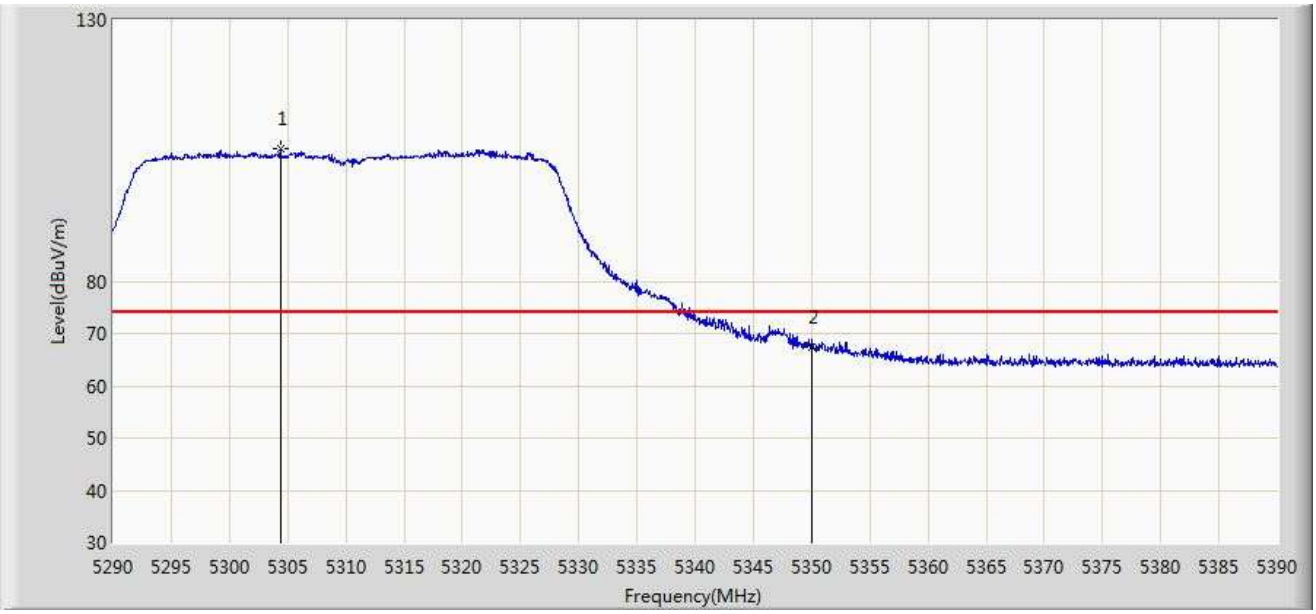


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.850	79.061	41.866	N/A	N/A	37.195	AV
2			5350.000	50.601	13.315	-3.399	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0	

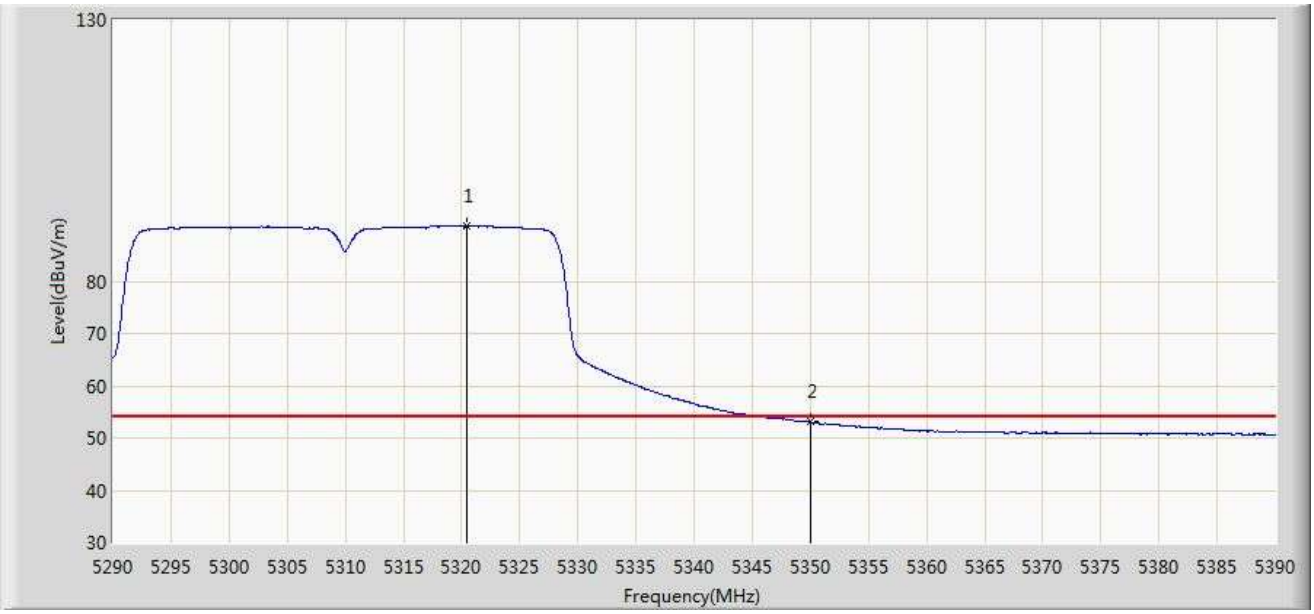


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5304.350	105.471	68.280	N/A	N/A	37.191	PK
2			5350.000	67.326	30.040	-6.674	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 03:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0	

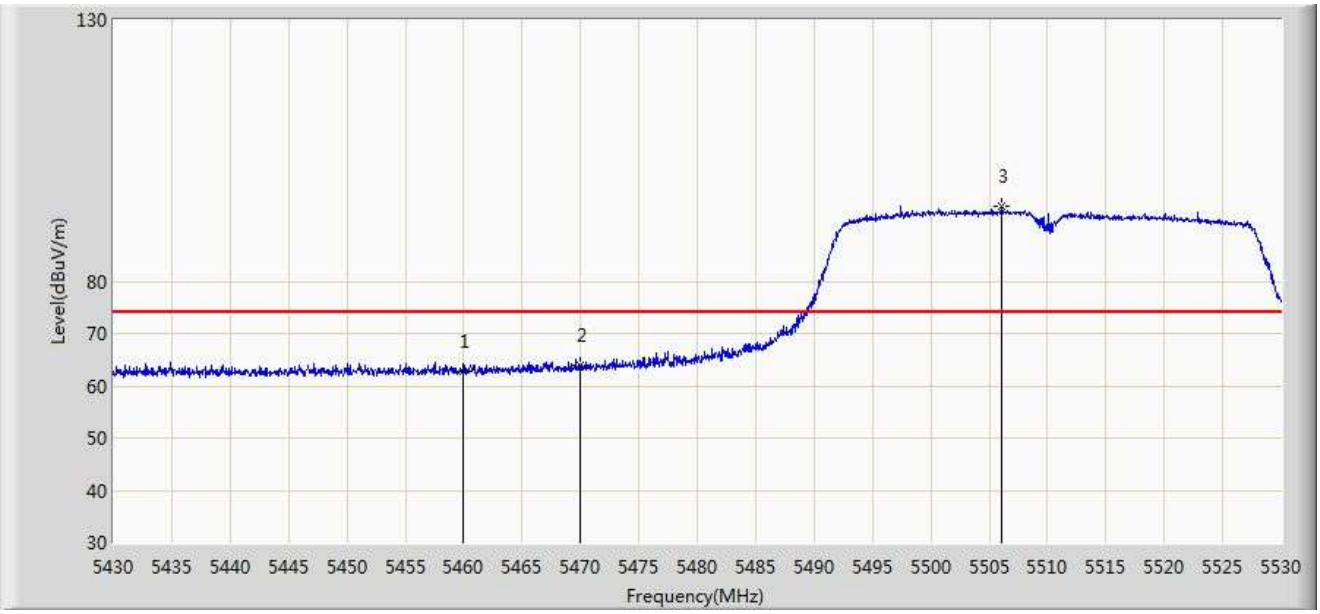


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.450	90.491	53.277	N/A	N/A	37.215	AV
2			5350.000	53.069	15.783	-0.931	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.807	25.244	-11.193	74.000	37.563	PK
2			5470.000	63.773	26.184	-10.227	74.000	37.588	PK
3		*	5506.050	94.306	56.675	N/A	N/A	37.631	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

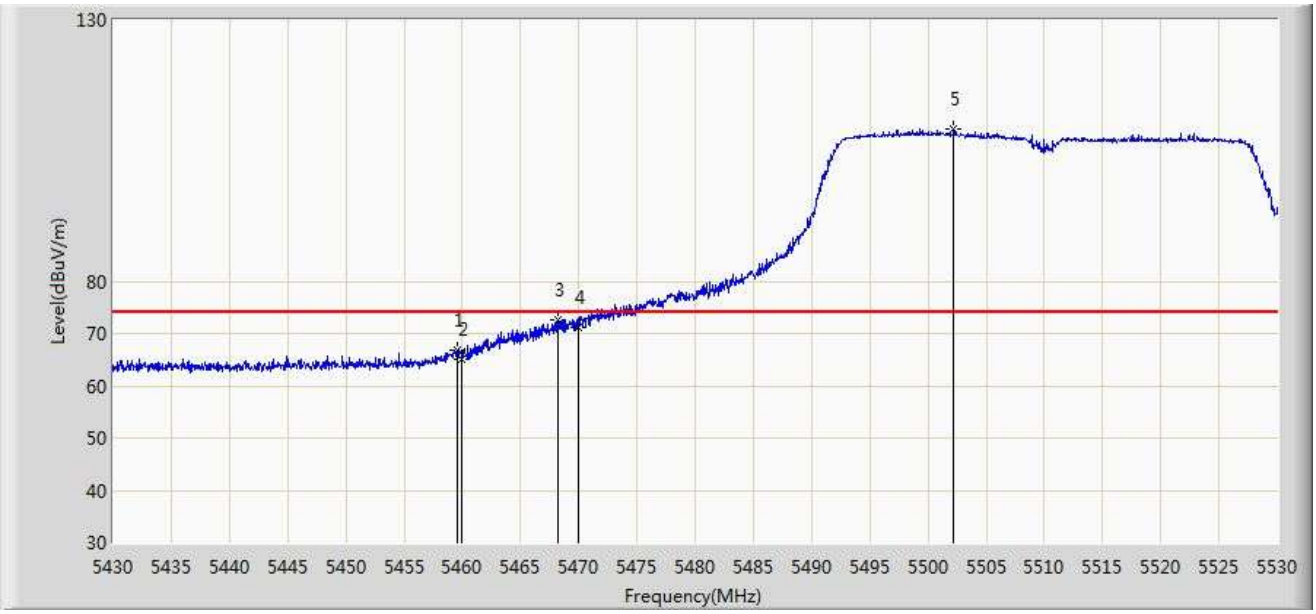
Site: AC1	Time: 2015/05/09 - 04:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.351	12.788	-3.649	54.000	37.563	AV
2			5470.000	51.053	13.464	-2.947	54.000	37.588	AV
3		*	5507.400	80.929	43.297	N/A	N/A	37.632	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0	

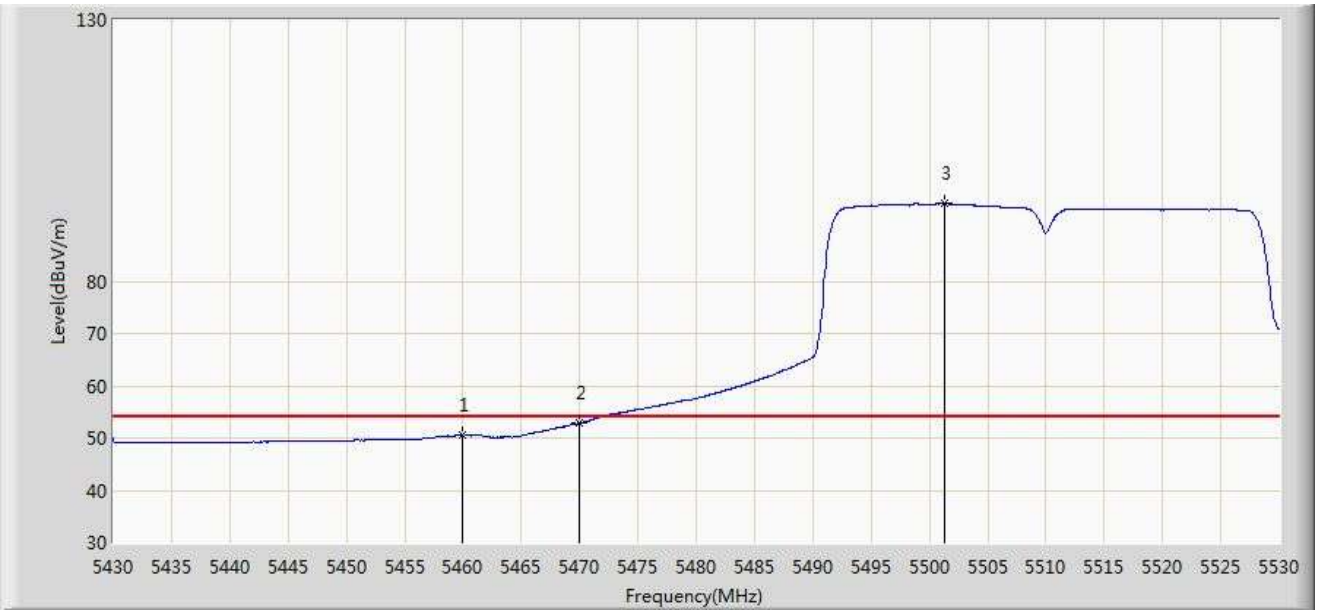


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.600	66.742	29.180	-7.258	74.000	37.562	PK
2			5460.000	65.214	27.651	-8.786	74.000	37.563	PK
3			5468.250	72.720	35.136	-1.280	74.000	37.584	PK
4			5470.000	71.248	33.660	-2.752	74.000	37.588	PK
5		*	5502.200	109.041	71.414	N/A	N/A	37.627	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0	

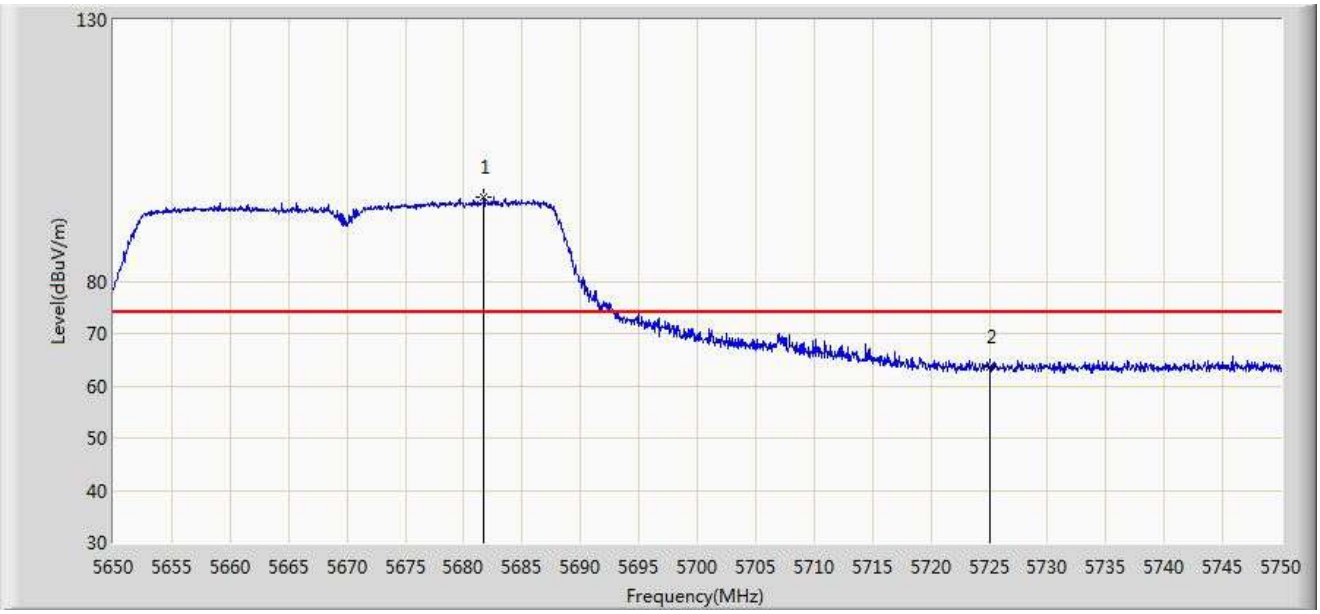


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.442	12.879	-3.558	54.000	37.563	AV
2			5470.000	52.860	15.272	-1.140	54.000	37.588	AV
3		*	5501.350	94.812	57.186	N/A	N/A	37.626	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0	

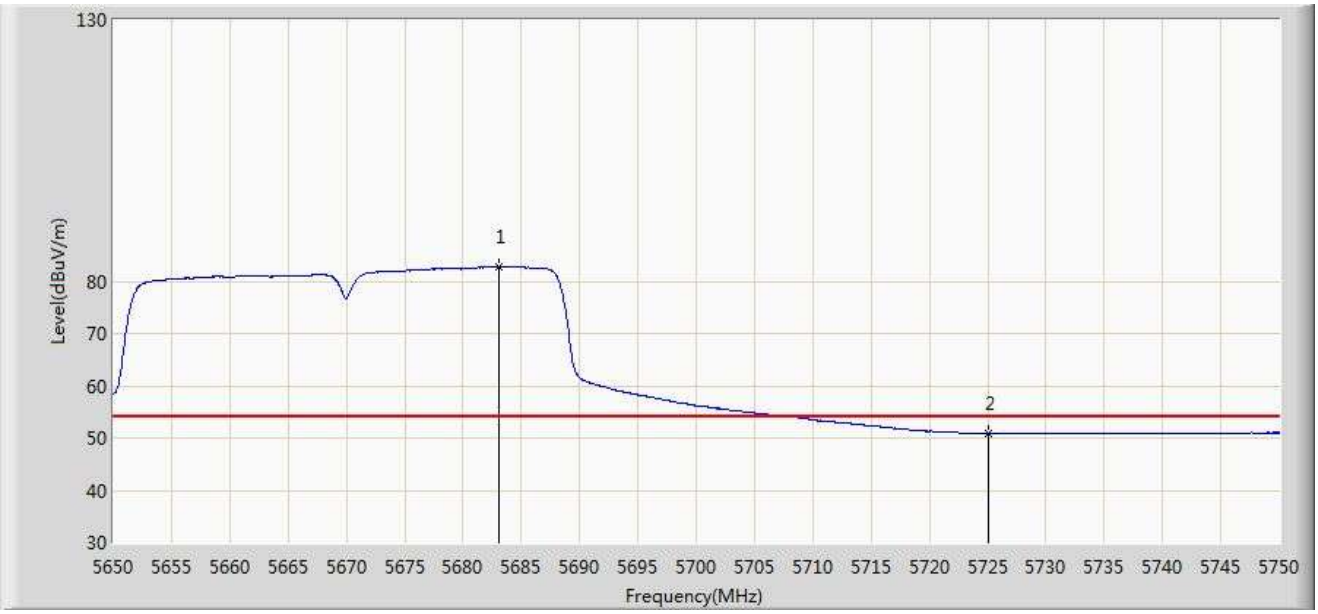


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5681.750	96.023	58.186	N/A	N/A	37.838	PK
2			5725.000	63.668	25.678	-10.332	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0	

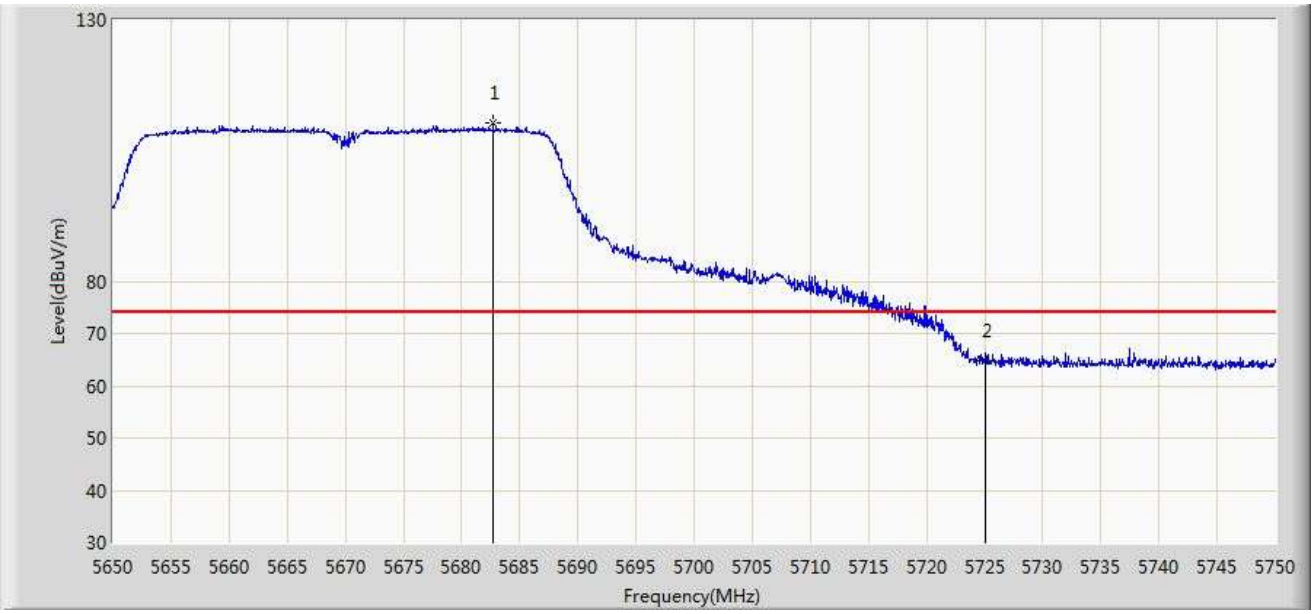


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5683.050	82.720	44.879	N/A	N/A	37.842	AV
2			5725.000	50.907	12.917	-3.093	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0	

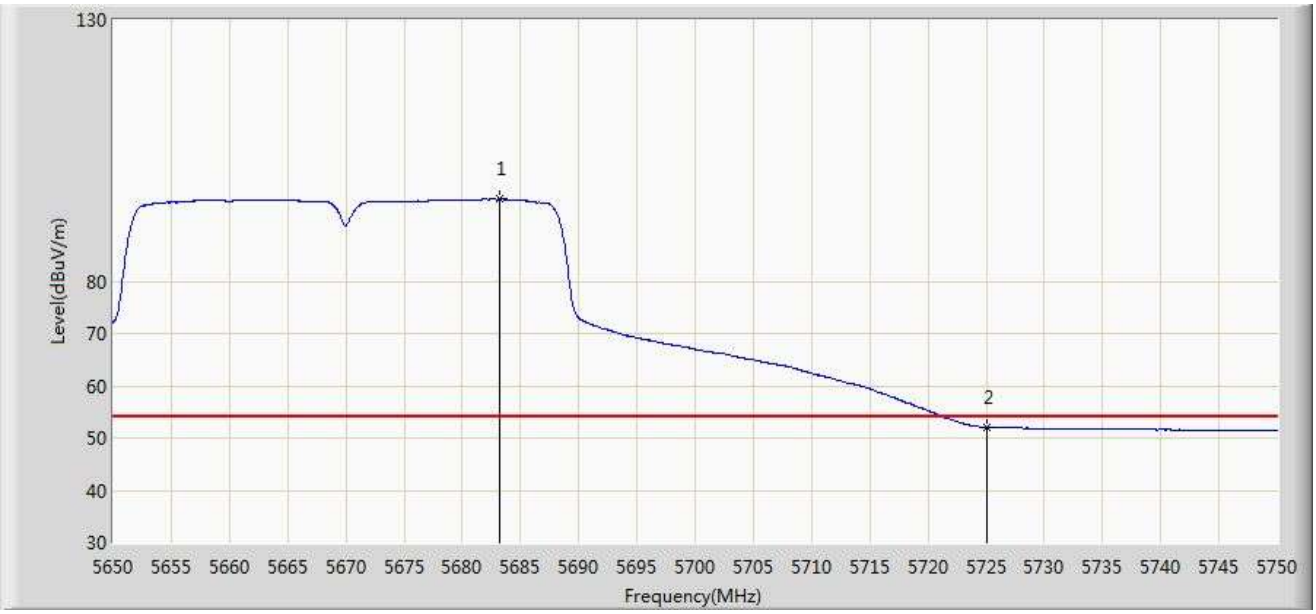


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5682.700	110.300	72.460	N/A	N/A	37.840	PK
2			5725.000	64.891	26.901	-9.109	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0	

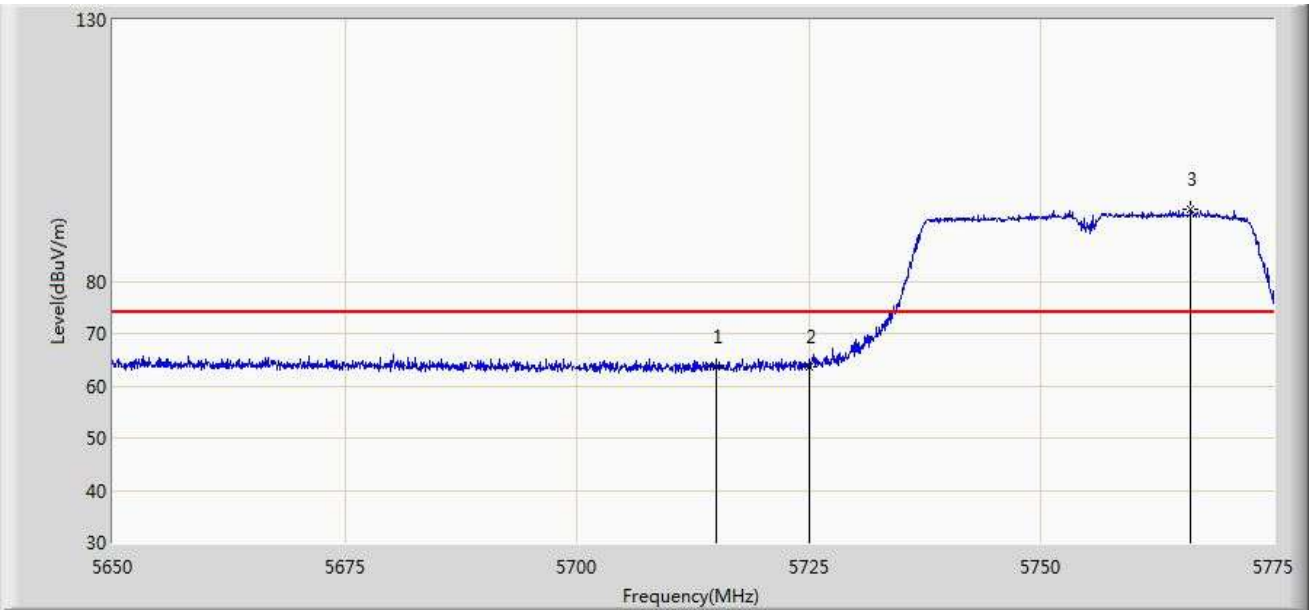


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5683.250	95.742	57.900	N/A	N/A	37.842	AV
2			5725.000	52.033	14.043	-1.967	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0	

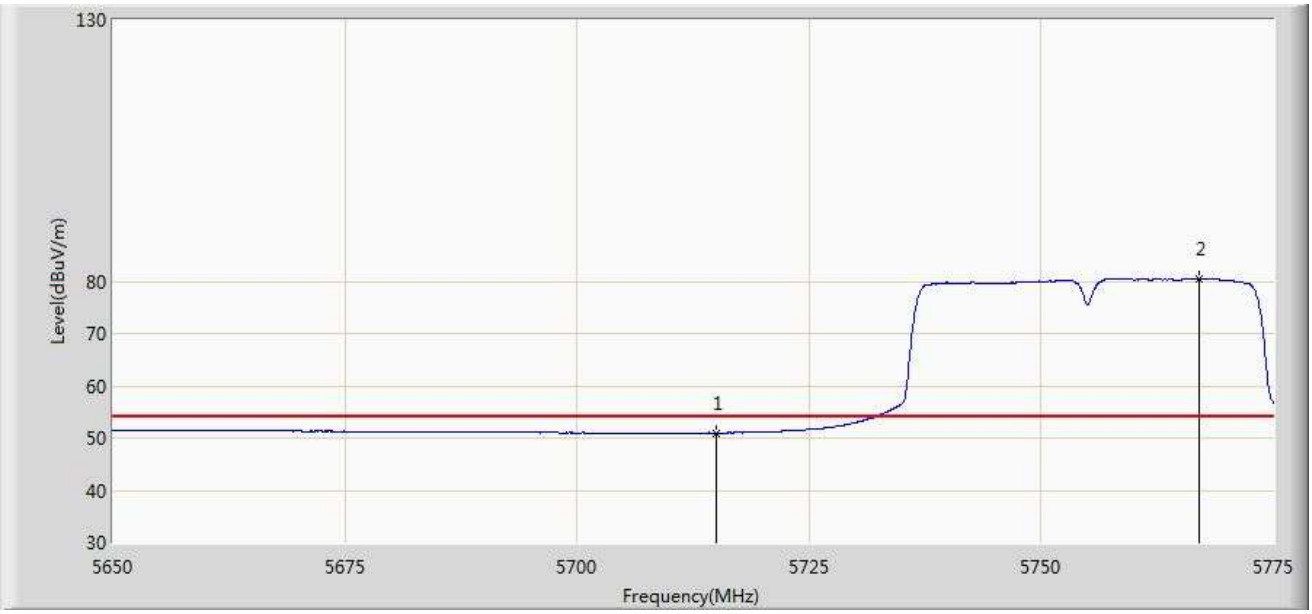


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.516	25.567	-10.484	74.000	37.949	PK
2			5725.000	63.504	25.514	-14.696	78.200	37.990	PK
3		*	5766.125	93.821	55.665	N/A	N/A	38.156	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0	

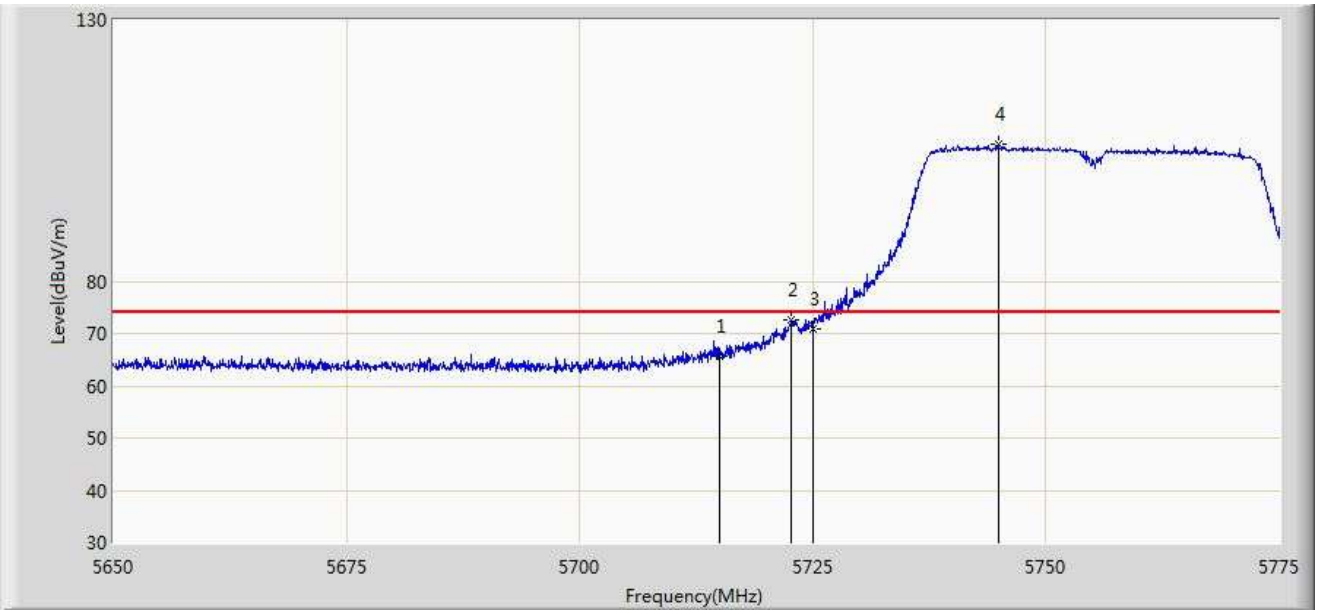


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.956	13.007	-3.044	54.000	37.949	AV
2		*	5766.937	80.469	42.311	N/A	N/A	38.158	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0	

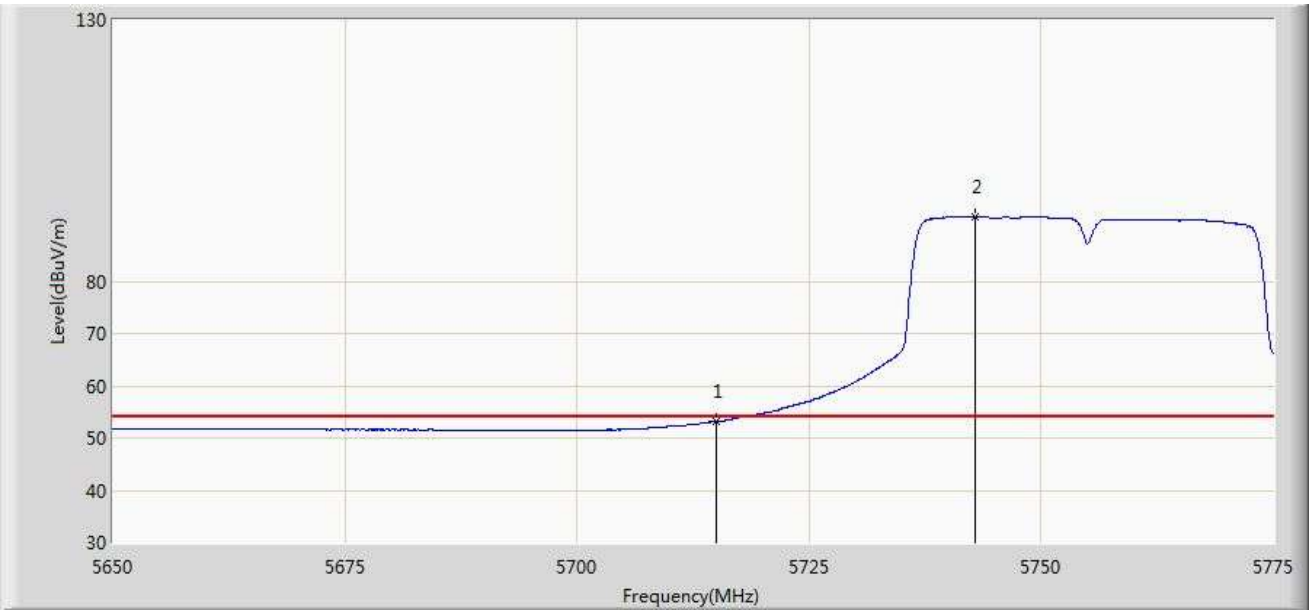


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.779	27.830	-8.221	74.000	37.949	PK
2			5722.750	72.543	34.563	-5.657	78.200	37.980	PK
3			5725.000	70.859	32.869	-7.341	78.200	37.990	PK
4		*	5744.875	106.277	68.206	N/A	N/A	38.072	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0	

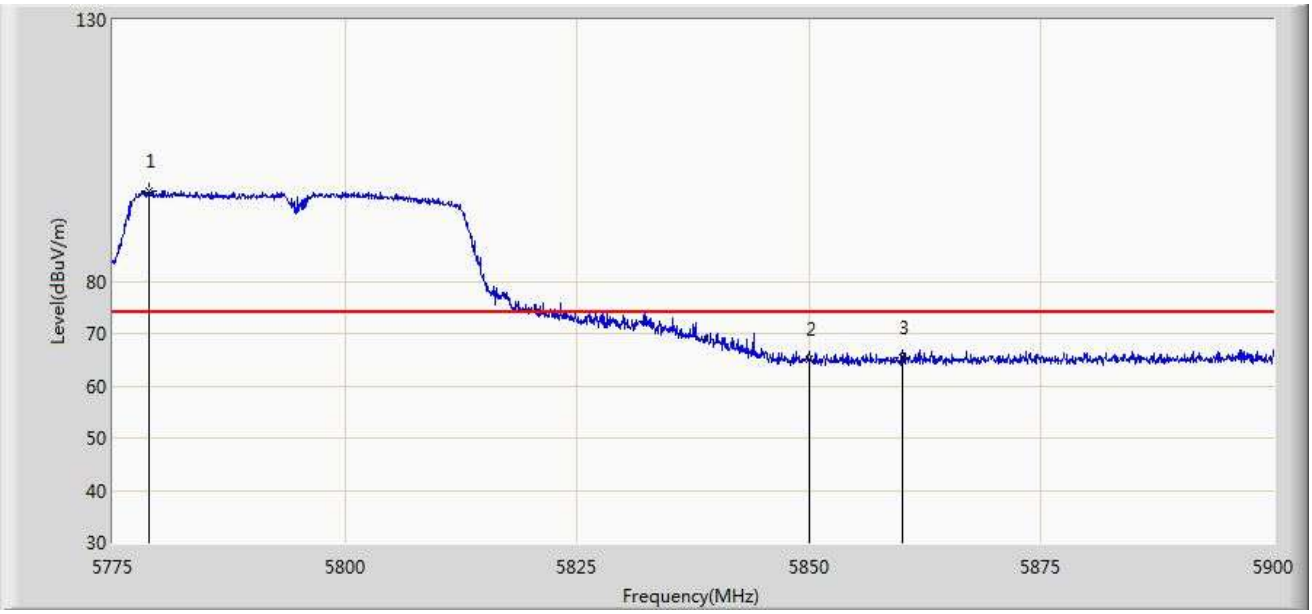


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.088	15.139	-0.912	54.000	37.949	AV
2		*	5742.875	92.386	54.324	N/A	N/A	38.062	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0	

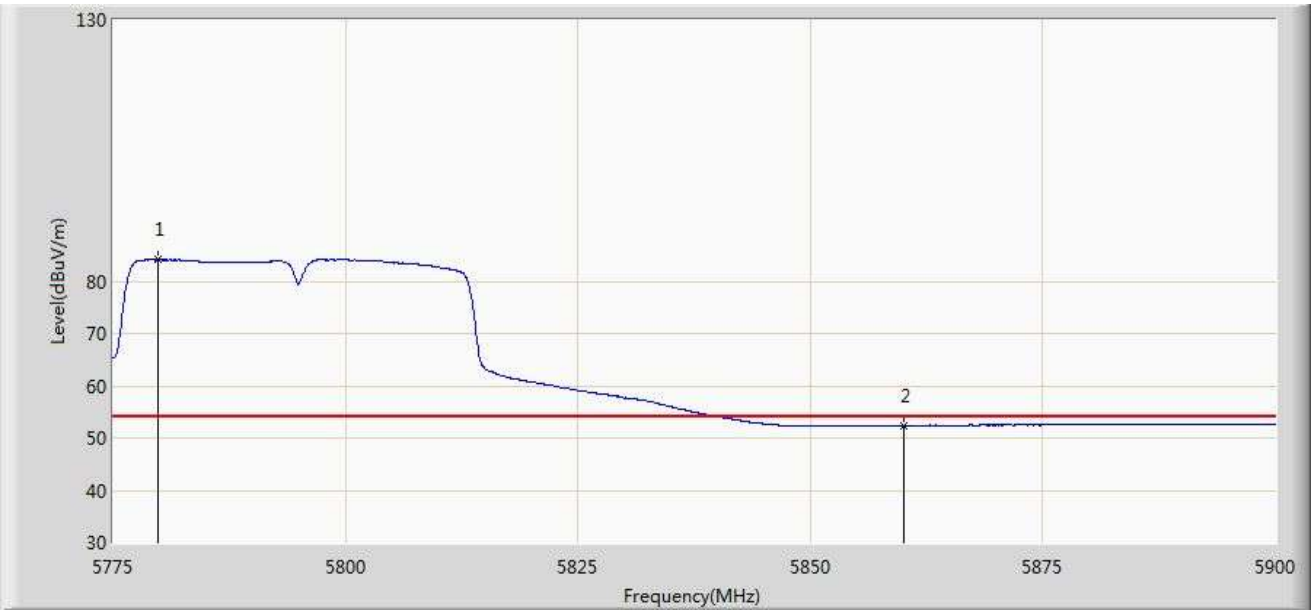


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5778.875	97.341	59.151	N/A	N/A	38.191	PK
2			5850.000	65.187	26.734	-13.013	78.200	38.454	PK
3			5860.000	65.400	26.922	-8.600	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0	

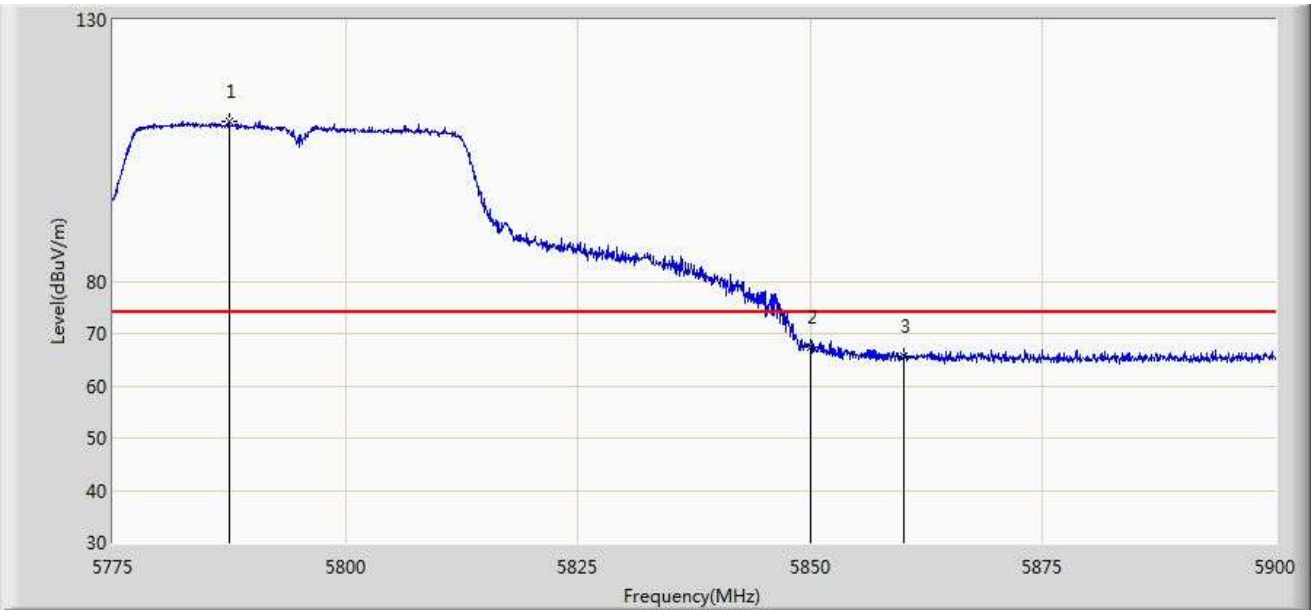


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5779.812	84.172	45.978	N/A	N/A	38.193	AV
2			5860.000	52.406	13.928	-1.594	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0	

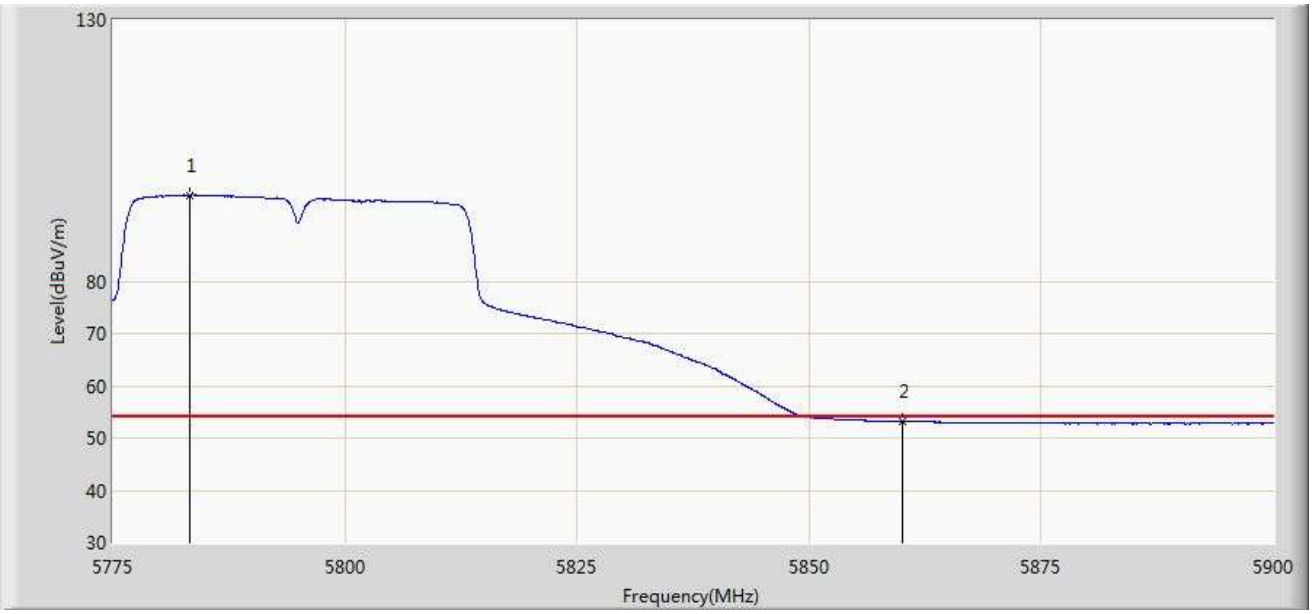


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.500	110.584	72.362	N/A	N/A	38.222	PK
2			5850.000	67.472	29.019	-10.728	78.200	38.454	PK
3			5860.000	65.703	27.225	-8.297	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0	

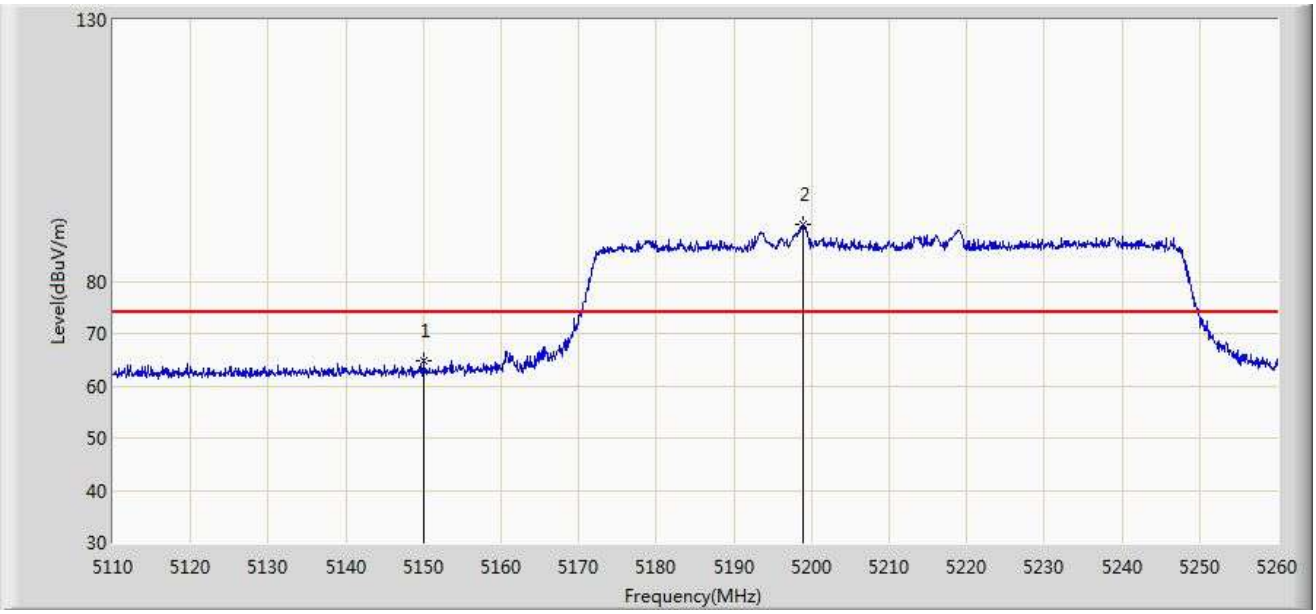


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.312	96.486	58.280	N/A	N/A	38.206	AV
2			5860.000	53.143	14.665	-0.857	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0	

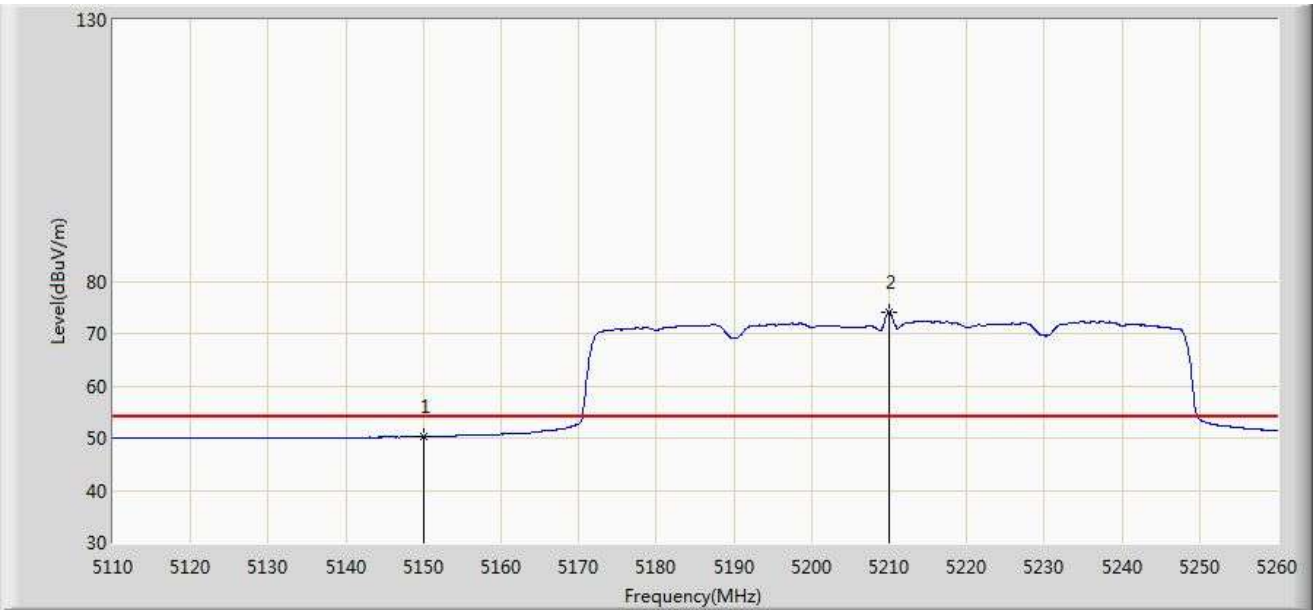


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.691	27.239	-9.309	74.000	37.452	PK
2		*	5198.875	90.812	53.484	N/A	N/A	37.328	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0	

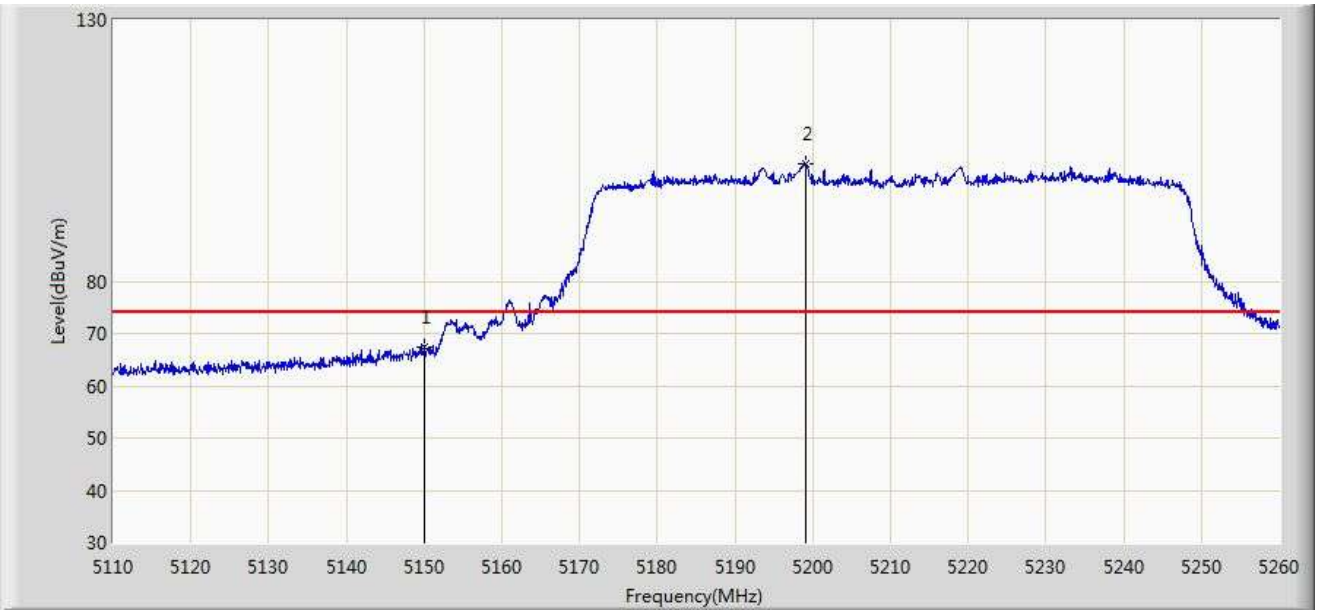


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.221	12.769	-3.779	54.000	37.452	AV
2		*	5209.975	74.027	36.737	N/A	N/A	37.290	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0	

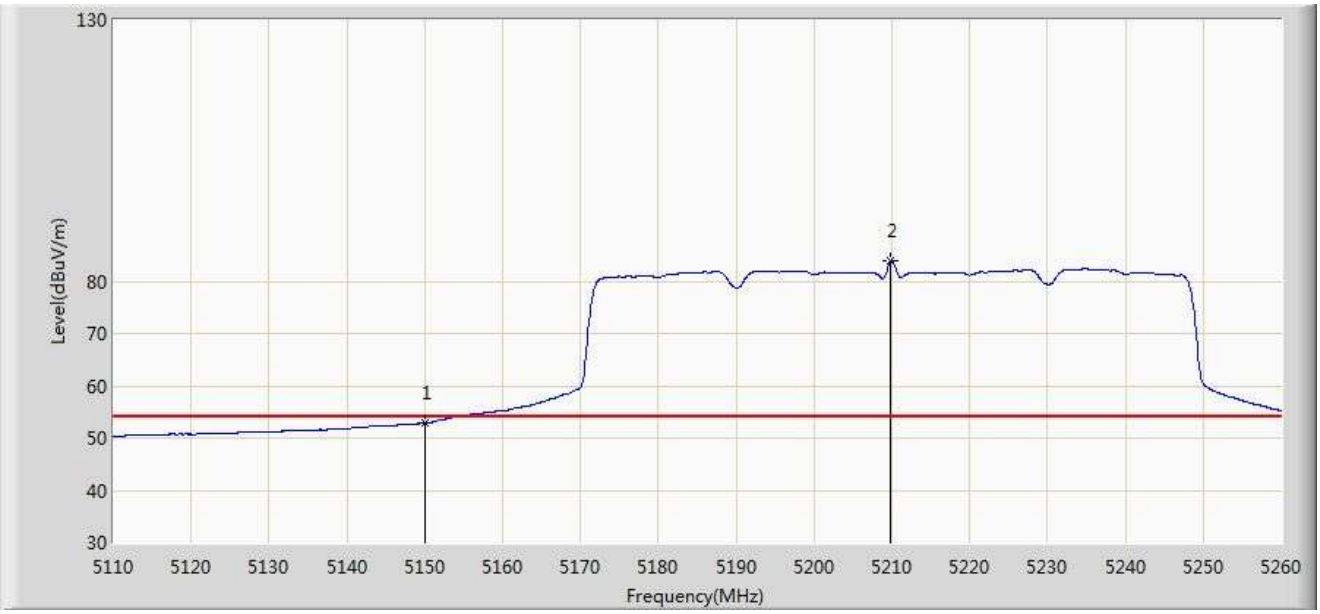


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.370	29.918	-6.630	74.000	37.452	PK
2		*	5199.025	102.329	65.001	N/A	N/A	37.328	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0	

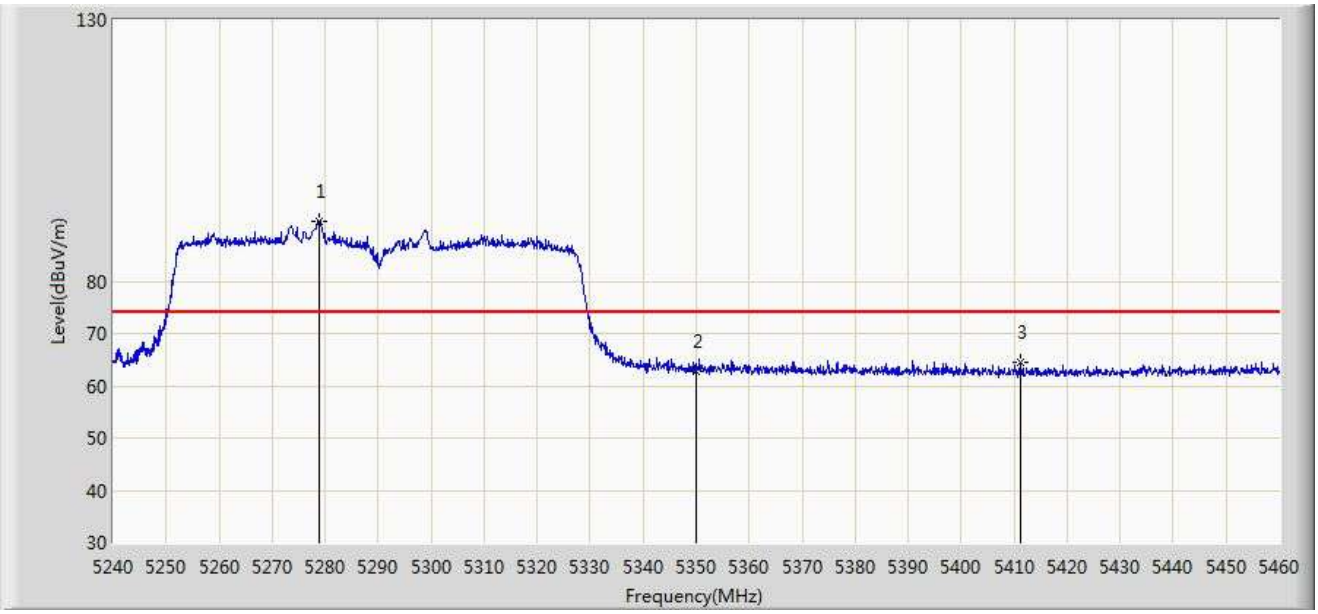


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.890	15.438	-1.110	54.000	37.452	AV
2		*	5209.900	83.885	46.594	N/A	N/A	37.290	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

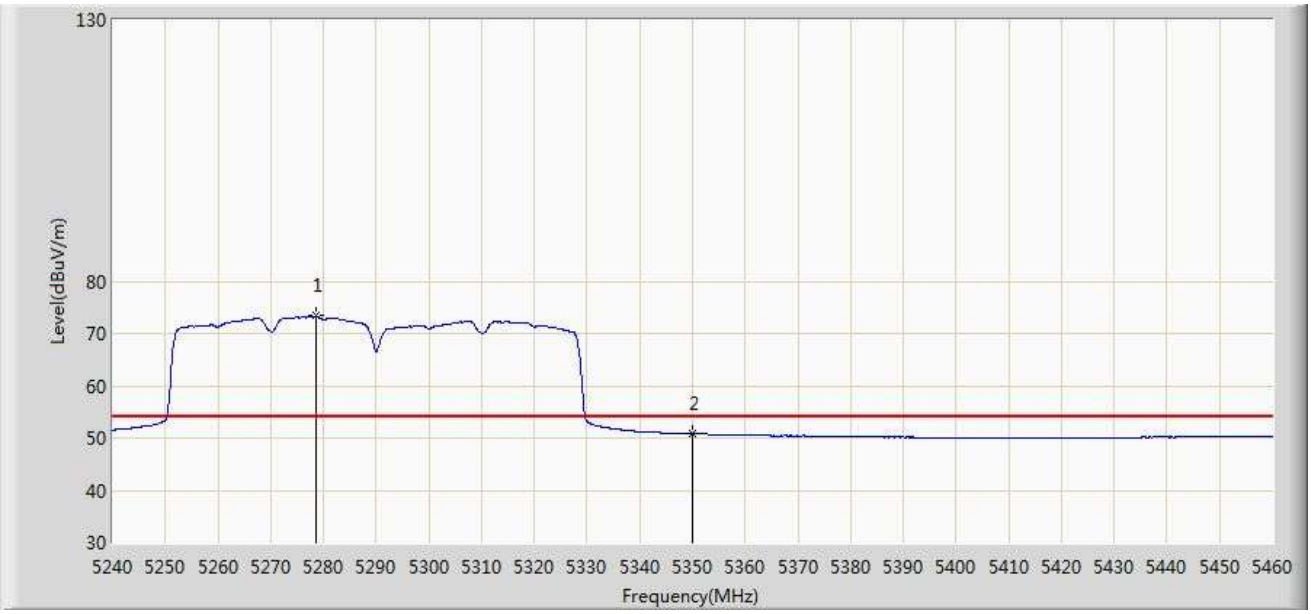


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5278.940	91.592	54.408	N/A	N/A	37.184	PK
2			5350.000	62.895	25.609	-11.105	74.000	37.286	PK
3			5411.160	64.412	26.955	-9.588	74.000	37.458	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

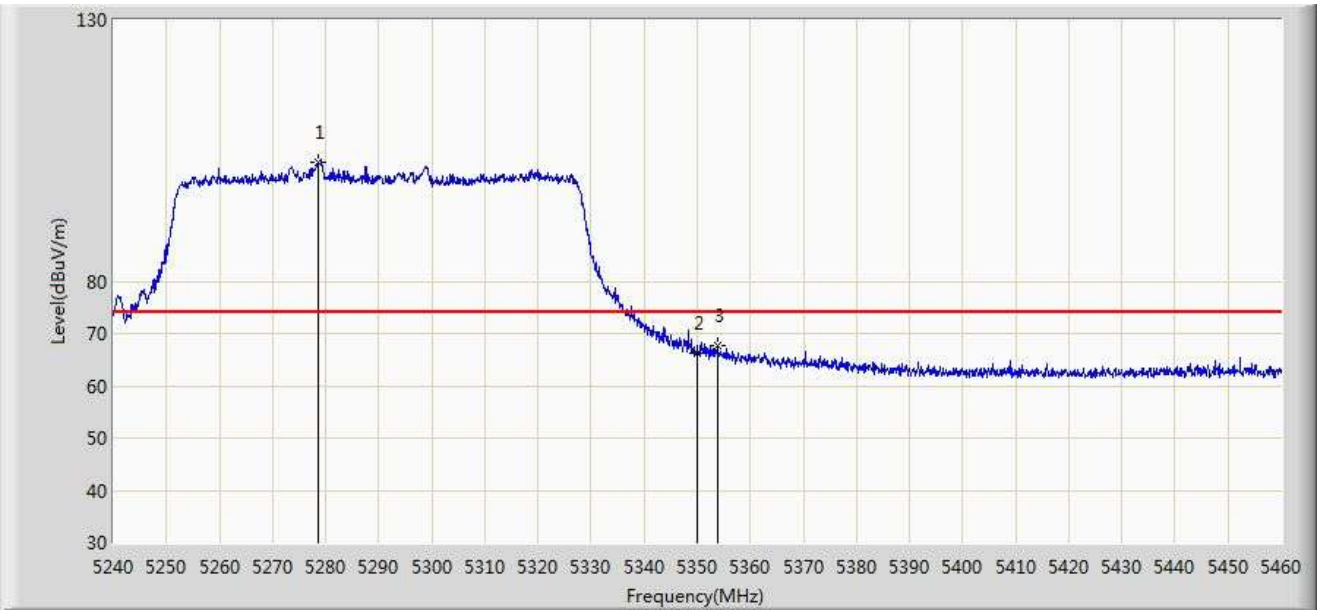


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5278.610	73.339	36.155	N/A	N/A	37.183	AV
2			5350.000	50.805	13.519	-3.195	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

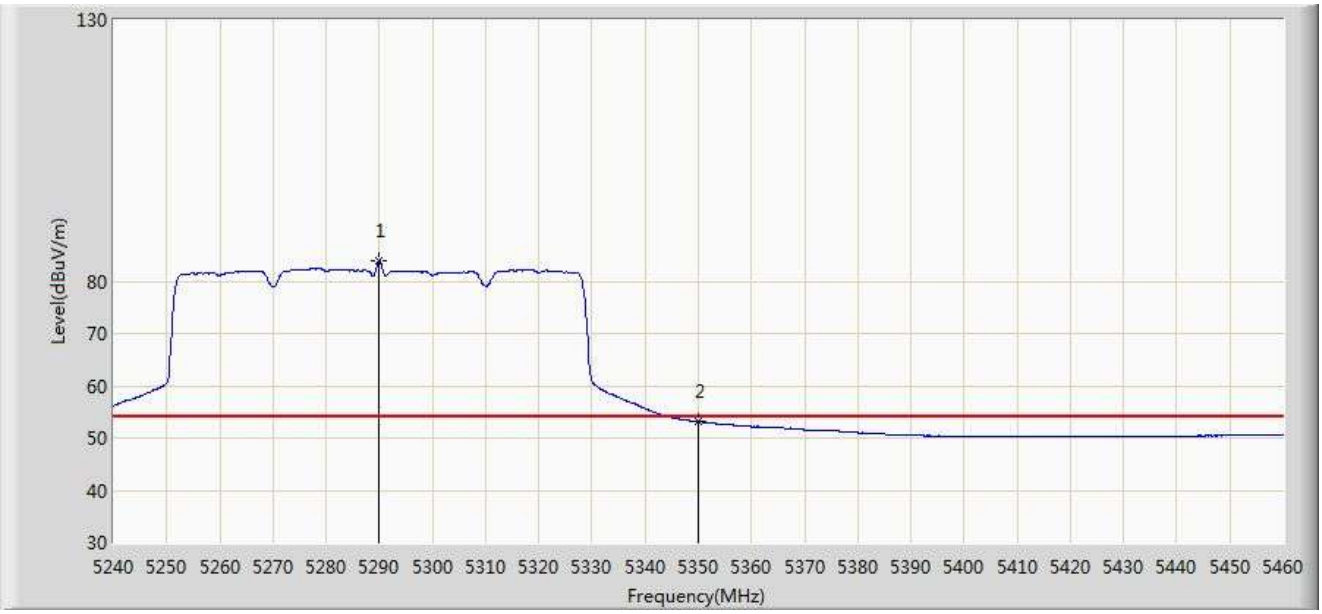


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5278.720	102.896	65.712	N/A	N/A	37.183	PK
2			5350.000	66.358	29.072	-7.642	74.000	37.286	PK
3			5353.850	67.790	30.492	-6.210	74.000	37.298	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

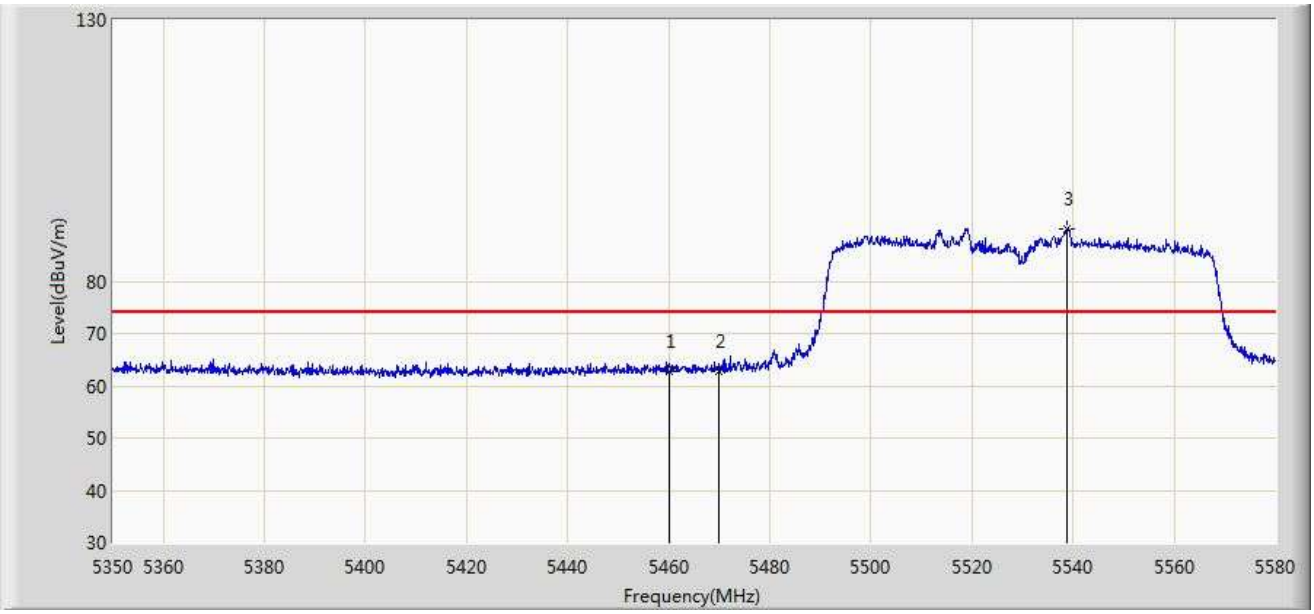


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5289.830	83.945	46.764	N/A	N/A	37.180	AV
2			5350.000	53.185	15.899	-0.815	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0	

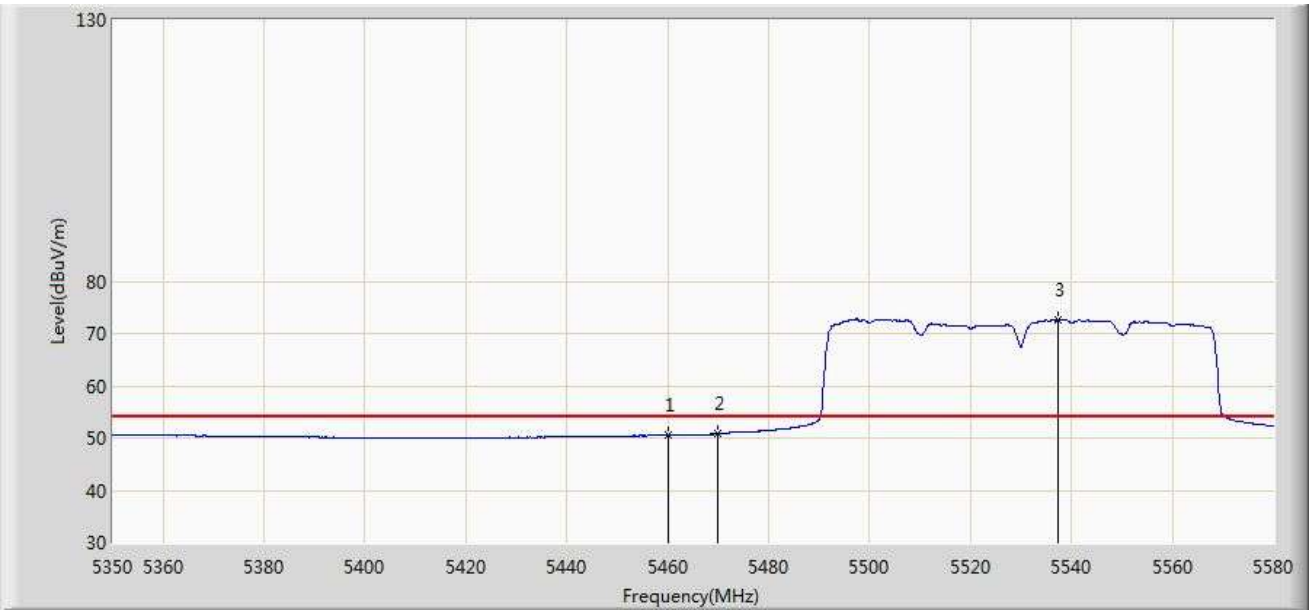


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.777	25.214	-11.223	74.000	37.563	PK
2			5470.000	62.888	25.299	-11.112	74.000	37.588	PK
3		*	5538.830	90.130	52.446	N/A	N/A	37.684	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0	

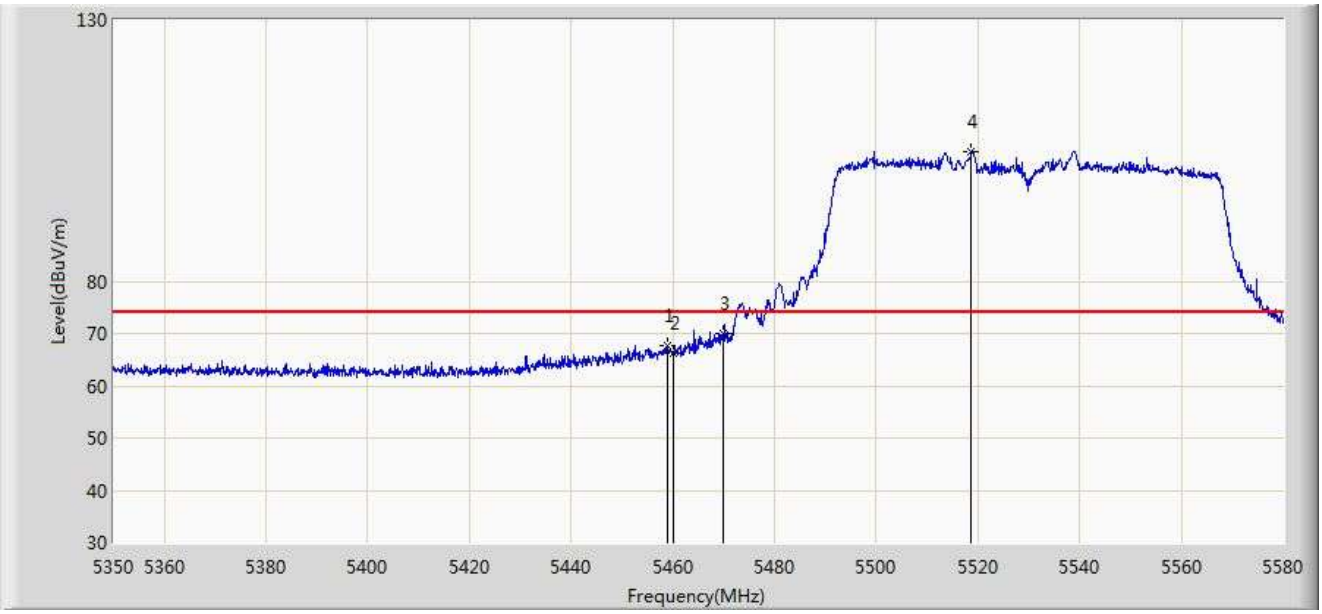


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.495	12.932	-3.505	54.000	37.563	AV
2			5470.000	50.726	13.137	-3.274	54.000	37.588	AV
3		*	5537.450	72.704	35.023	N/A	N/A	37.681	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0	

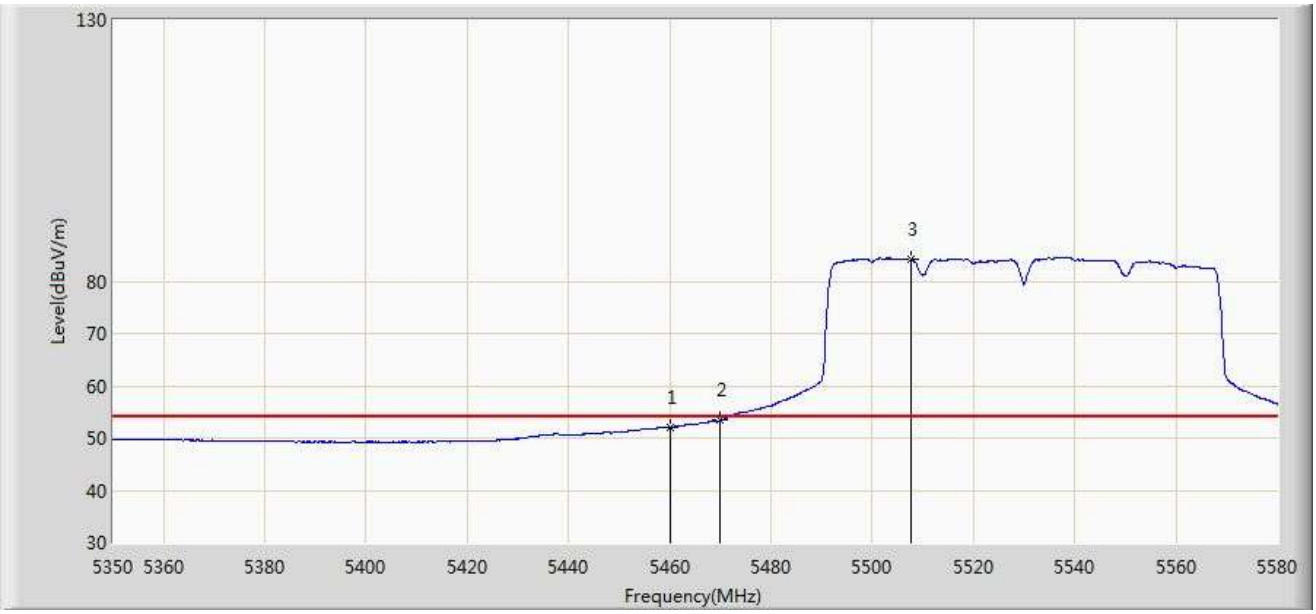


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.905	67.738	30.178	-6.262	74.000	37.560	PK
2			5460.000	66.263	28.700	-7.737	74.000	37.563	PK
3			5470.000	69.915	32.326	-4.085	74.000	37.588	PK
4		*	5518.705	104.705	67.060	N/A	N/A	37.646	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0	

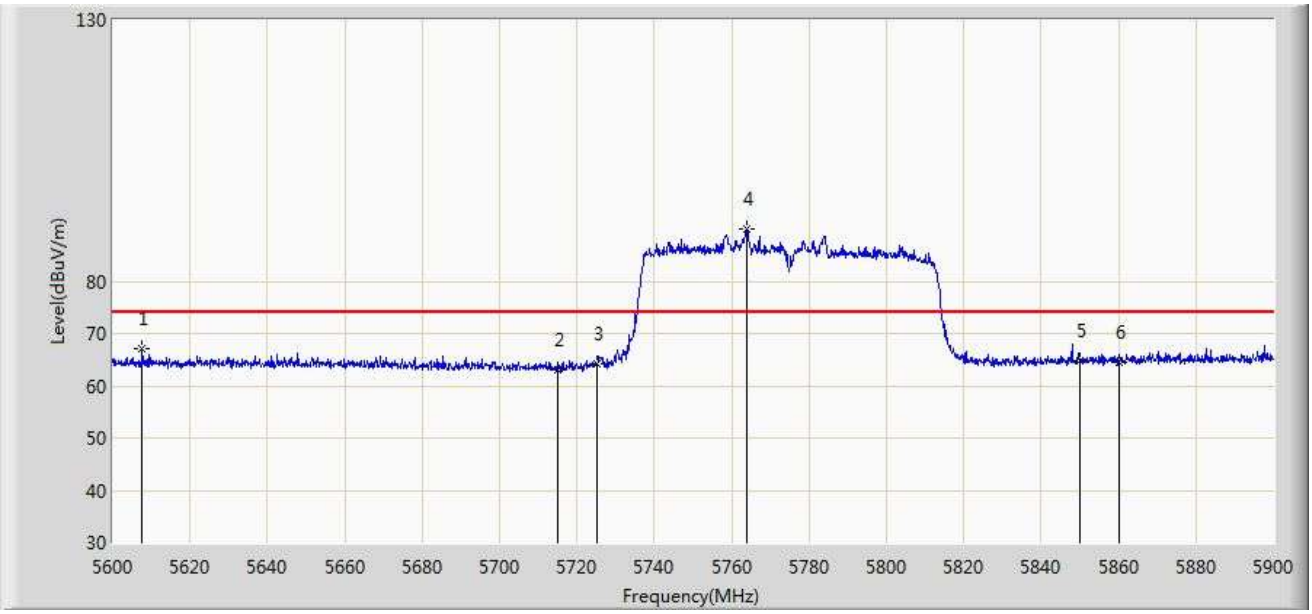


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.047	14.484	-1.953	54.000	37.563	AV
2			5470.000	53.349	15.761	-0.651	54.000	37.588	AV
3		*	5507.665	84.307	46.675	N/A	N/A	37.632	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0	

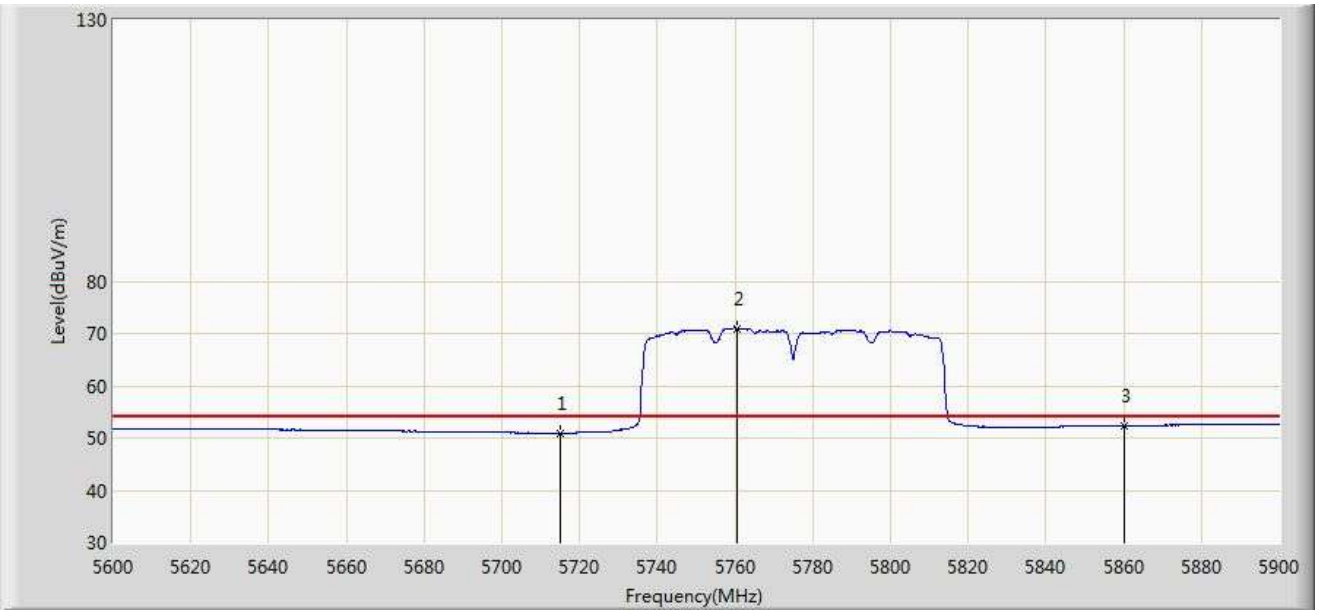


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5607.500	67.178	29.464	-6.822	74.000	37.714	PK
2			5715.000	63.129	25.180	-10.871	74.000	37.949	PK
3			5725.000	64.332	26.342	-13.868	78.200	37.990	PK
4		*	5763.950	90.124	51.973	N/A	N/A	38.151	PK
5			5850.000	64.806	26.353	-13.394	78.200	38.454	PK
6			5860.000	64.478	26.000	-9.522	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0	

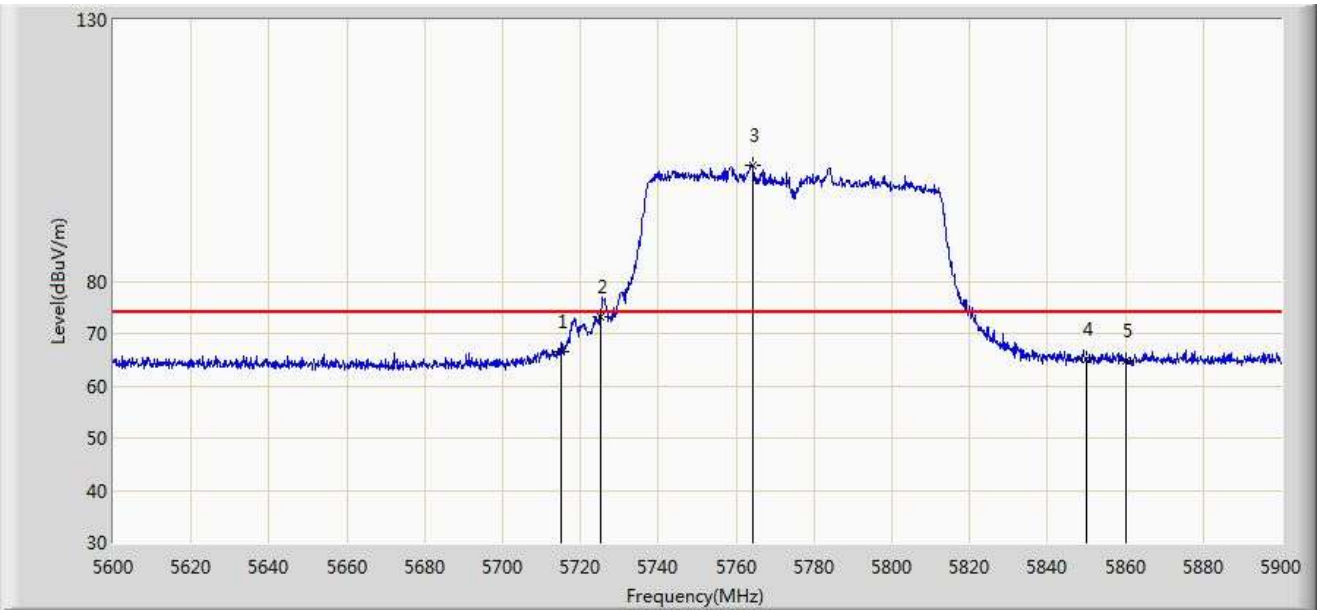


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.934	12.985	-3.066	54.000	37.949	AV
2		*	5760.350	70.935	32.793	N/A	N/A	38.142	AV
3			5860.000	52.365	13.887	-1.635	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/09 - 04:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.603	28.654	-7.397	74.000	37.949	PK
2			5725.000	73.182	35.192	-5.018	78.200	37.990	PK
3		*	5764.100	102.222	64.071	N/A	N/A	38.151	PK
4			5850.000	65.079	26.626	-13.121	78.200	38.454	PK
5			5860.000	64.760	26.282	-9.240	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

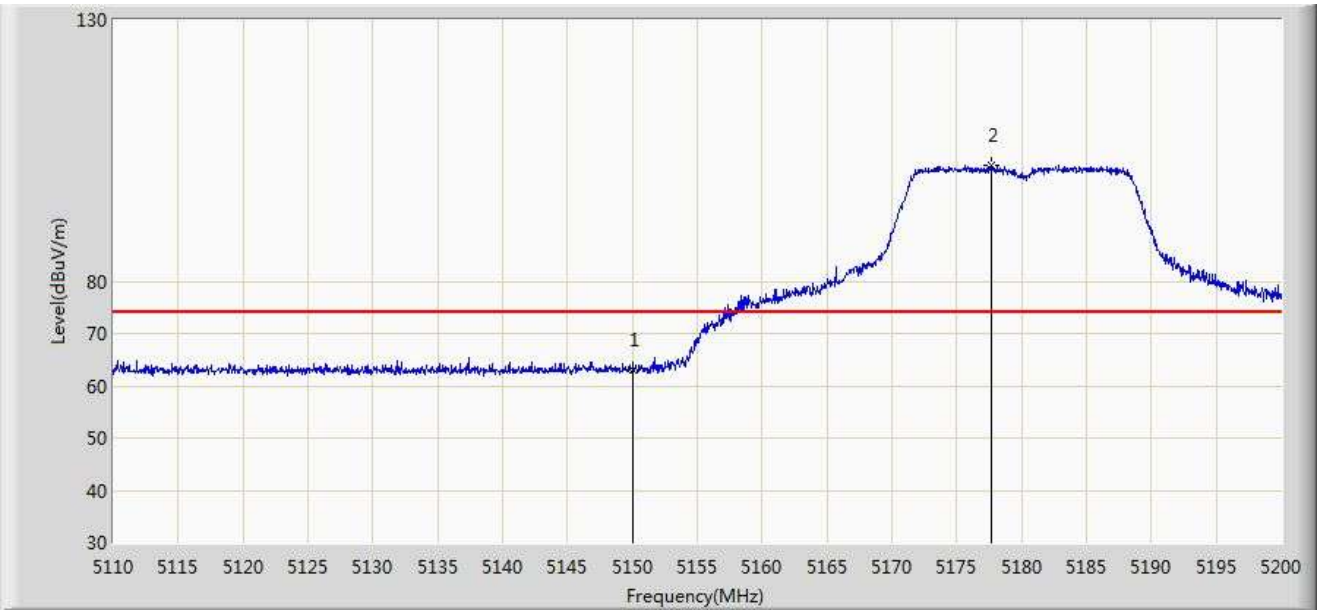
Site: AC1	Time: 2015/05/09 - 04:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.925	14.976	-1.075	54.000	37.949	AV
2		*	5750.600	82.386	44.287	N/A	N/A	38.098	AV
3			5860.000	52.617	14.139	-1.383	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.025	25.573	-10.975	74.000	37.452	PK
2		*	5177.725	102.286	64.907	N/A	N/A	37.379	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

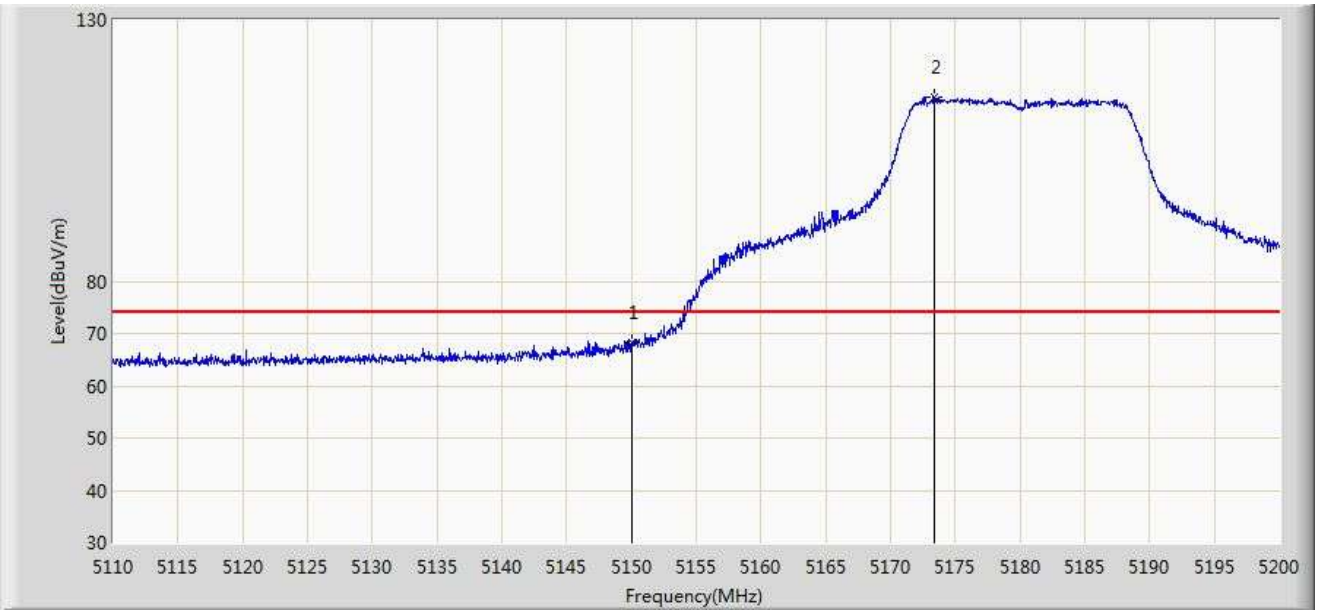
Site: AC1	Time: 2015/05/11 - 19:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.265	12.813	-3.735	54.000	37.452	AV
2		*	5182.585	88.467	51.099	N/A	N/A	37.368	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.229	30.777	-5.771	74.000	37.452	PK
2		*	5173.360	115.273	77.884	N/A	N/A	37.389	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

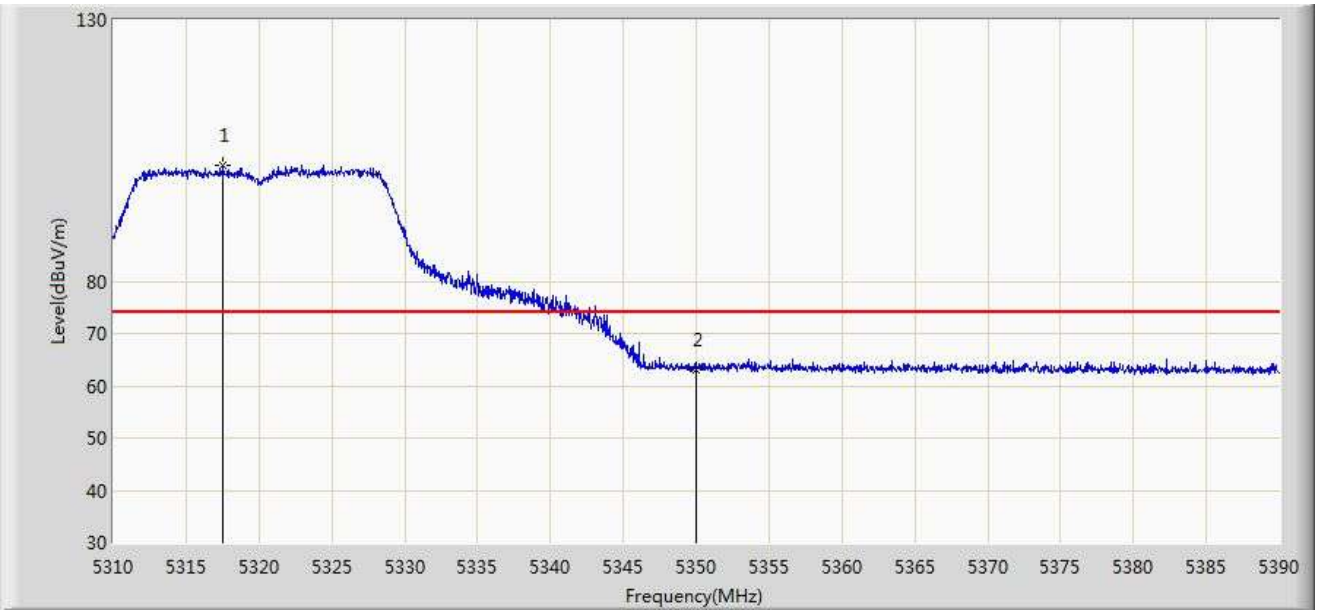
Site: AC1	Time: 2015/05/11 - 19:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.977	16.525	-0.023	54.000	37.452	AV
2		*	5176.285	99.879	62.497	N/A	N/A	37.382	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1	

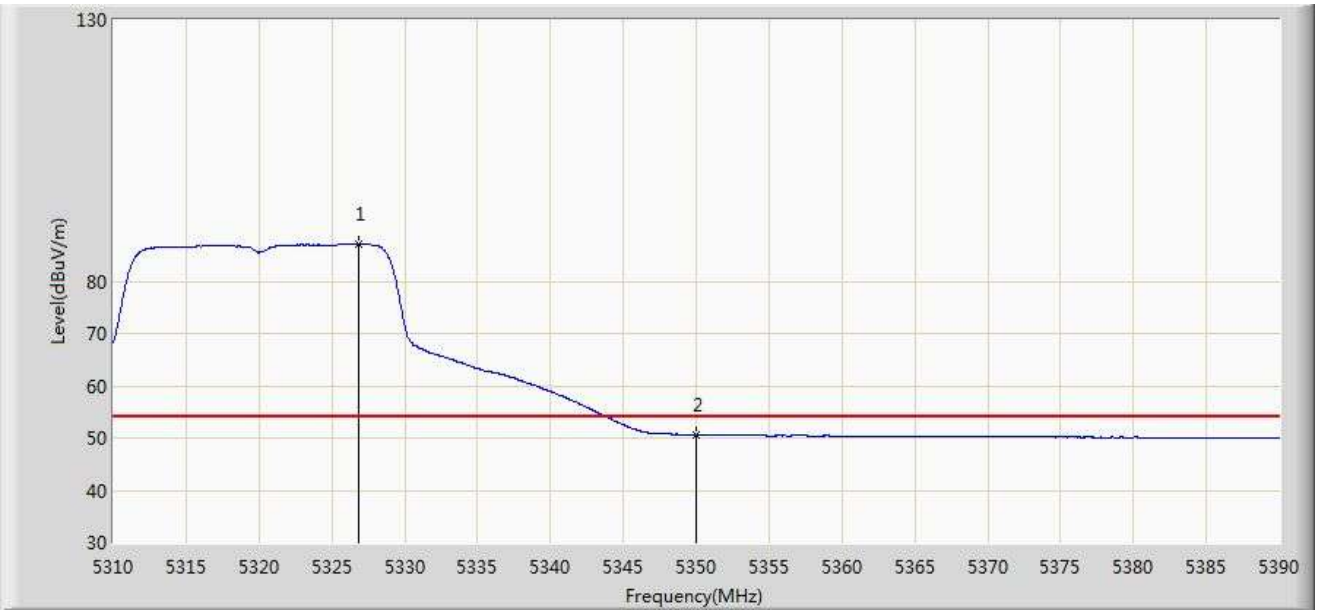


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.560	102.206	64.997	N/A	N/A	37.209	PK
2			5350.000	63.161	25.875	-10.839	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1	

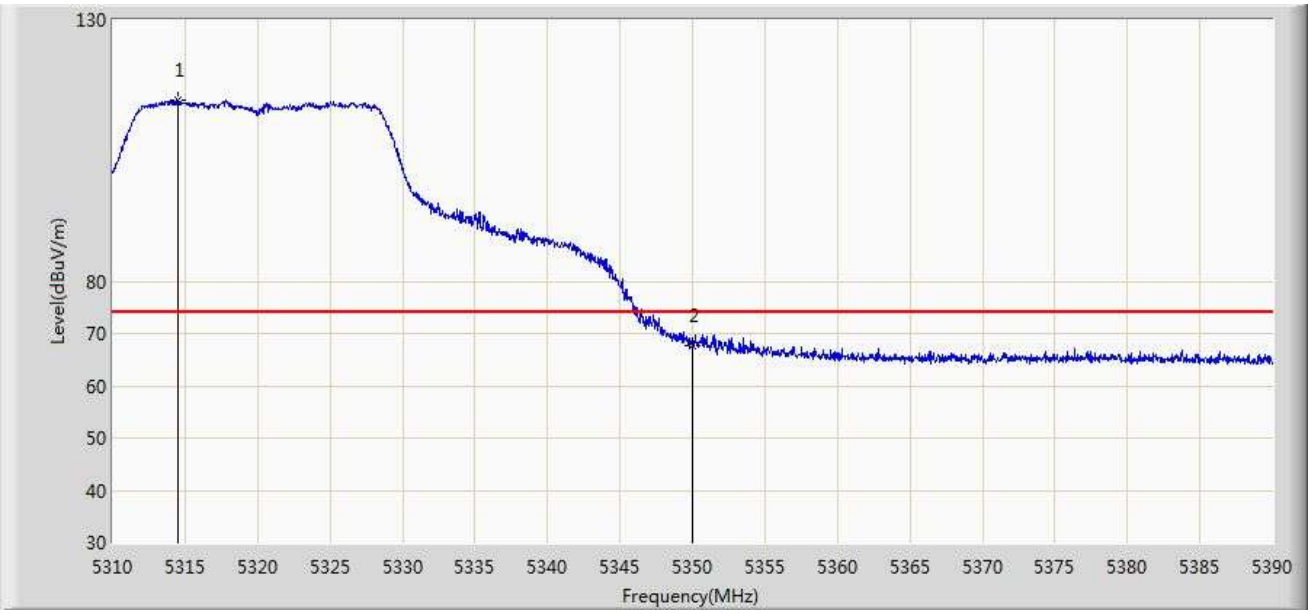


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.880	87.118	49.892	N/A	N/A	37.225	AV
2			5350.000	50.604	13.318	-3.396	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1	

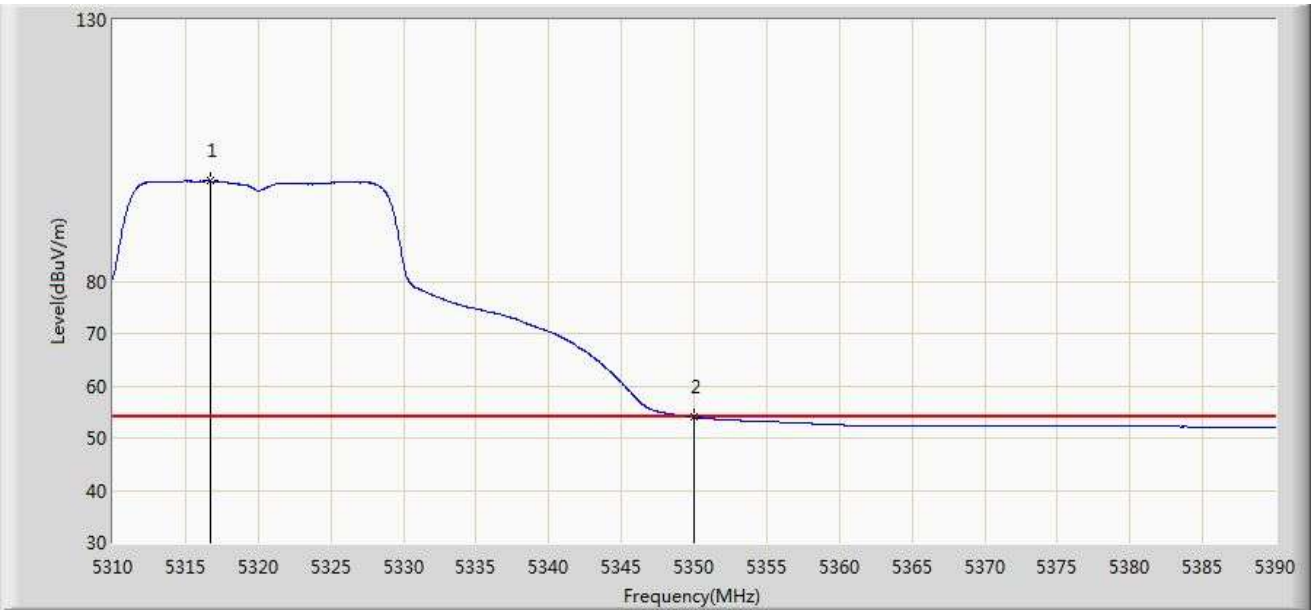


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.560	114.669	77.465	N/A	N/A	37.204	PK
2			5350.000	67.542	30.256	-6.458	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1	

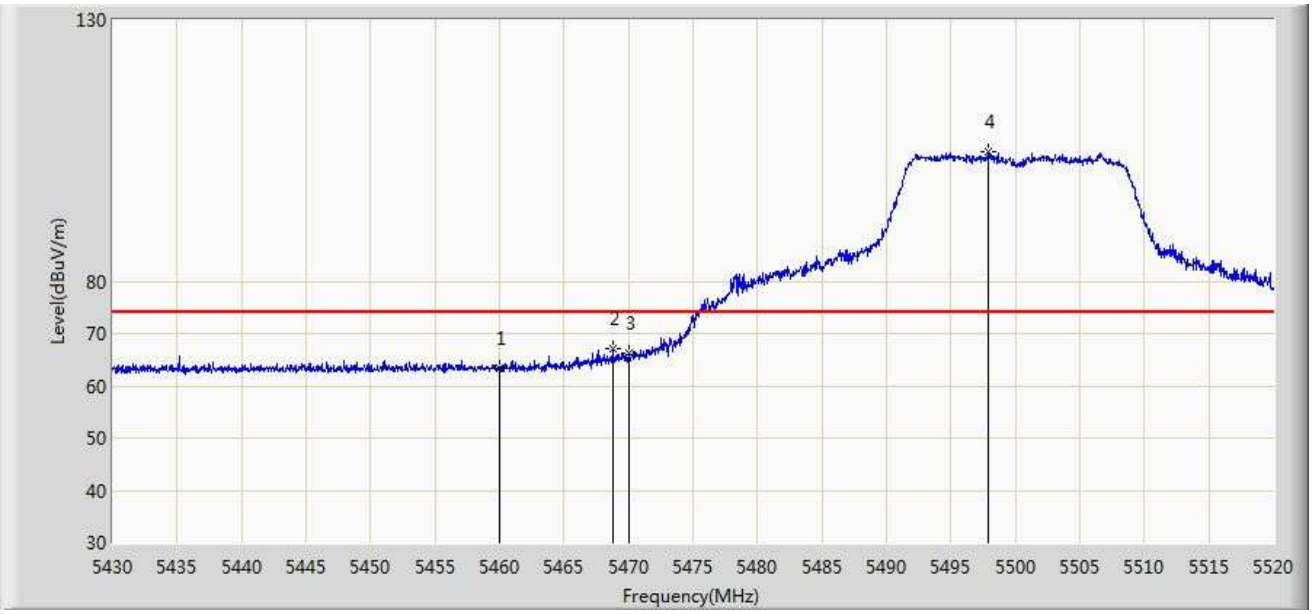


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.680	99.161	61.953	N/A	N/A	37.208	AV
2			5350.000	53.933	16.647	-0.067	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1	

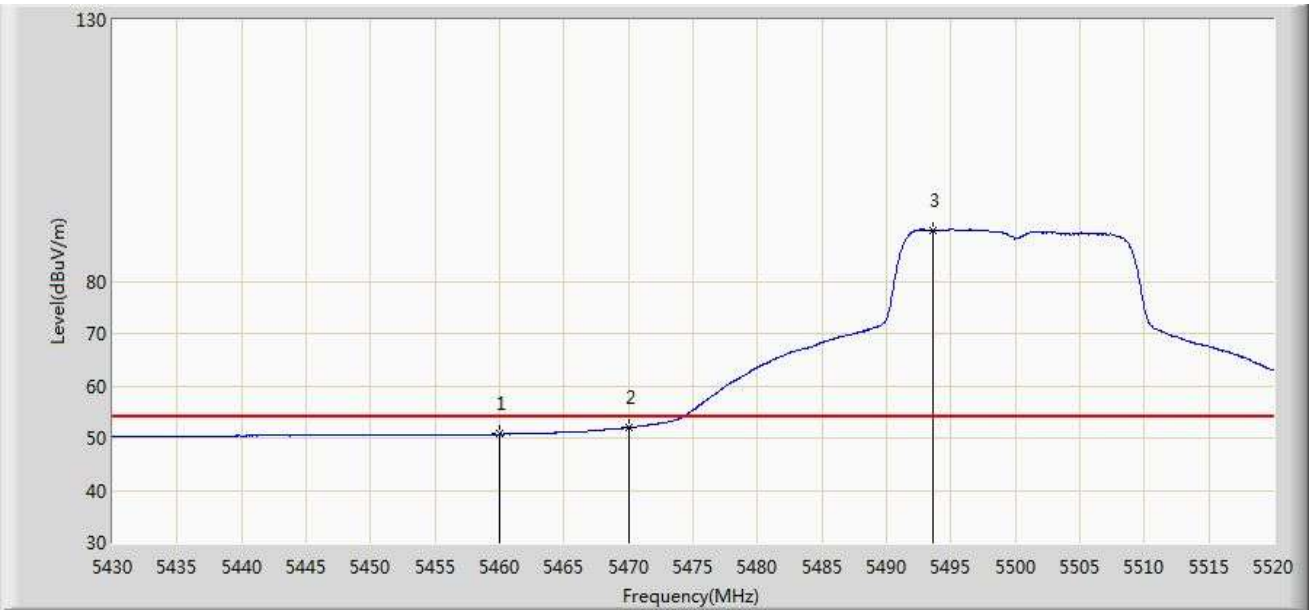


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.293	25.730	-10.707	74.000	37.563	PK
2			5468.790	66.962	29.377	-7.038	74.000	37.585	PK
3			5470.000	66.144	28.555	-7.856	74.000	37.588	PK
4		*	5497.950	104.646	67.024	N/A	N/A	37.623	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 19:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1	

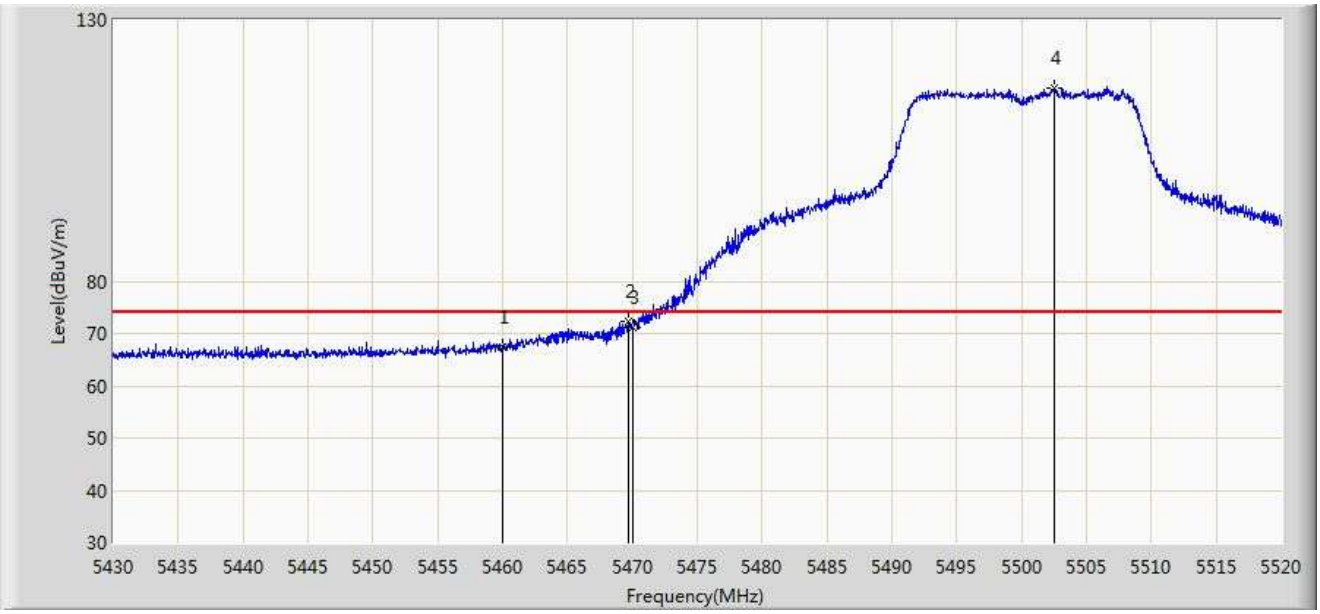


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.732	13.169	-3.268	54.000	37.563	AV
2			5470.000	51.954	14.365	-2.046	54.000	37.588	AV
3		*	5493.630	89.797	52.179	N/A	N/A	37.617	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1	

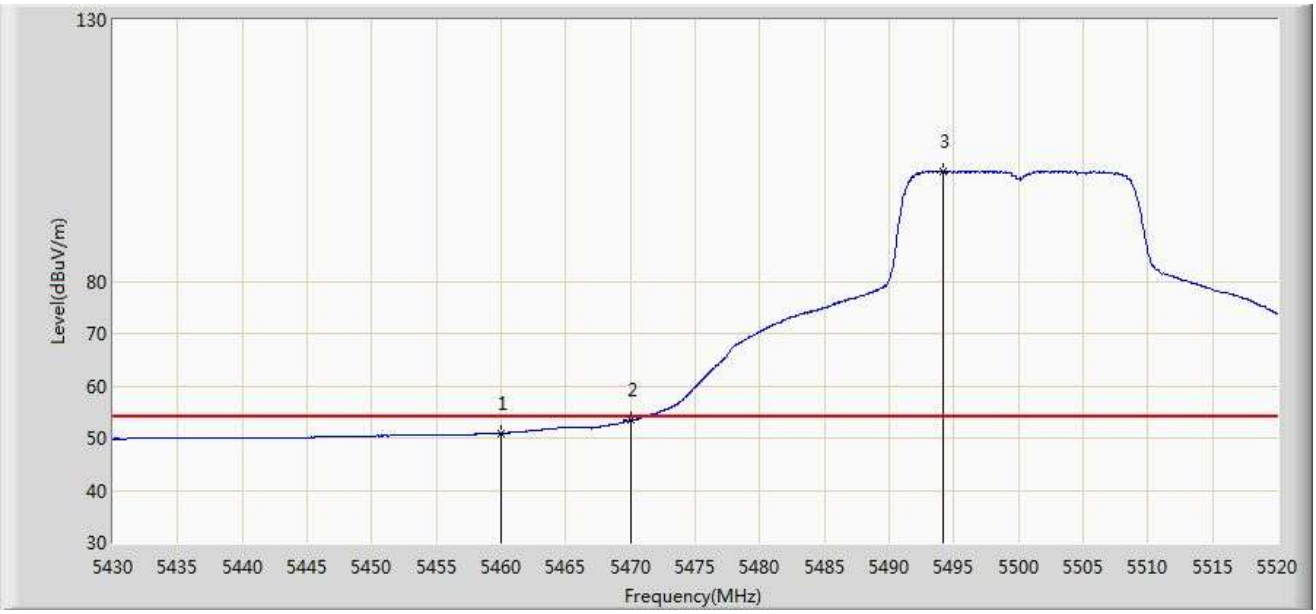


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.374	29.811	-6.626	74.000	37.563	PK
2			5469.735	72.318	34.730	-1.682	74.000	37.588	PK
3			5470.000	71.279	33.691	-2.721	74.000	37.588	PK
4		*	5502.495	116.876	79.249	N/A	N/A	37.627	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1	

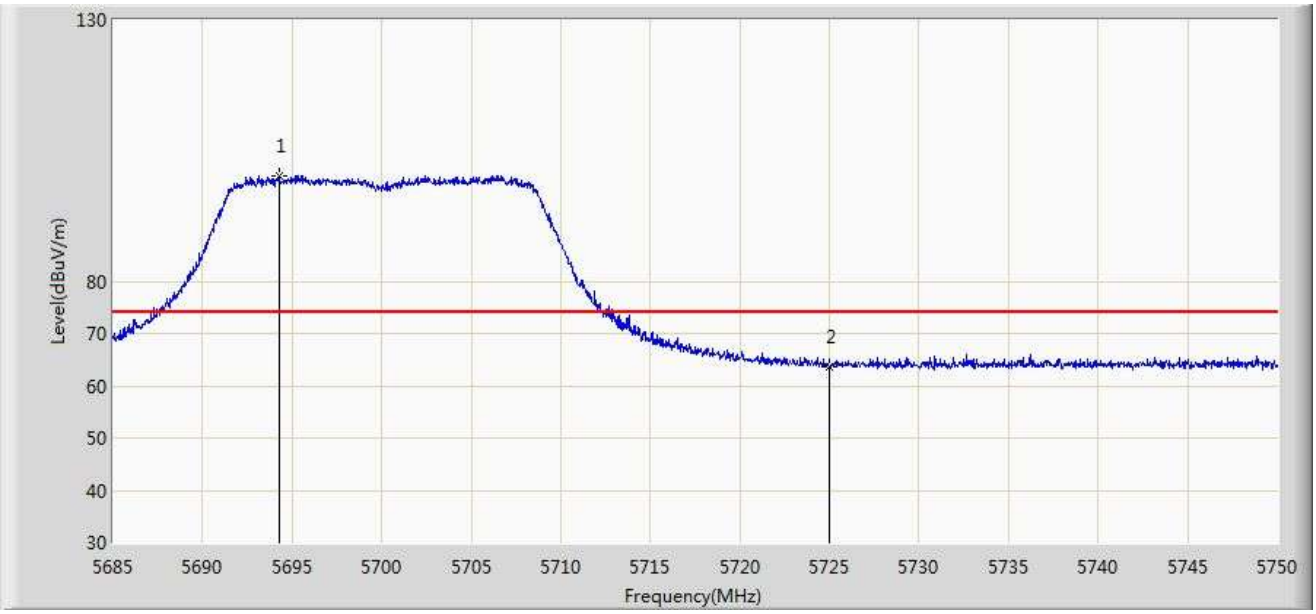


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.894	13.331	-3.106	54.000	37.563	AV
2			5470.000	53.350	15.762	-0.650	54.000	37.588	AV
3		*	5494.215	100.999	63.381	N/A	N/A	37.618	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 20:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1	

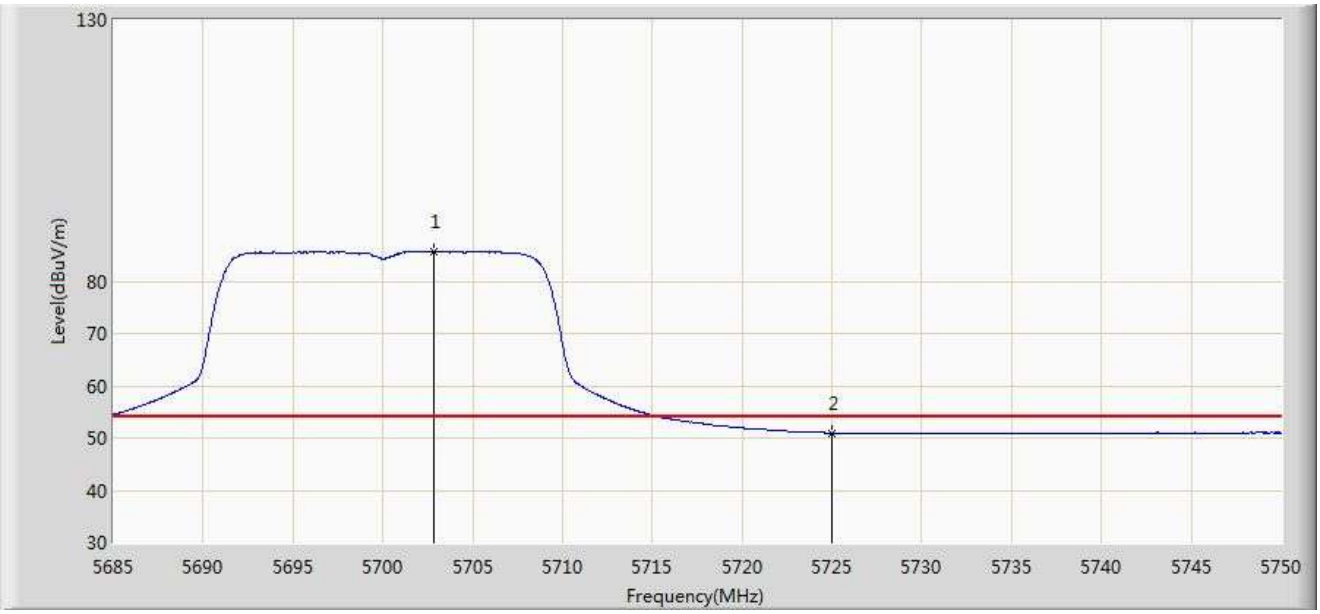


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.263	100.133	62.255	N/A	N/A	37.878	PK
2			5725.000	63.711	25.721	-10.289	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 20:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1	

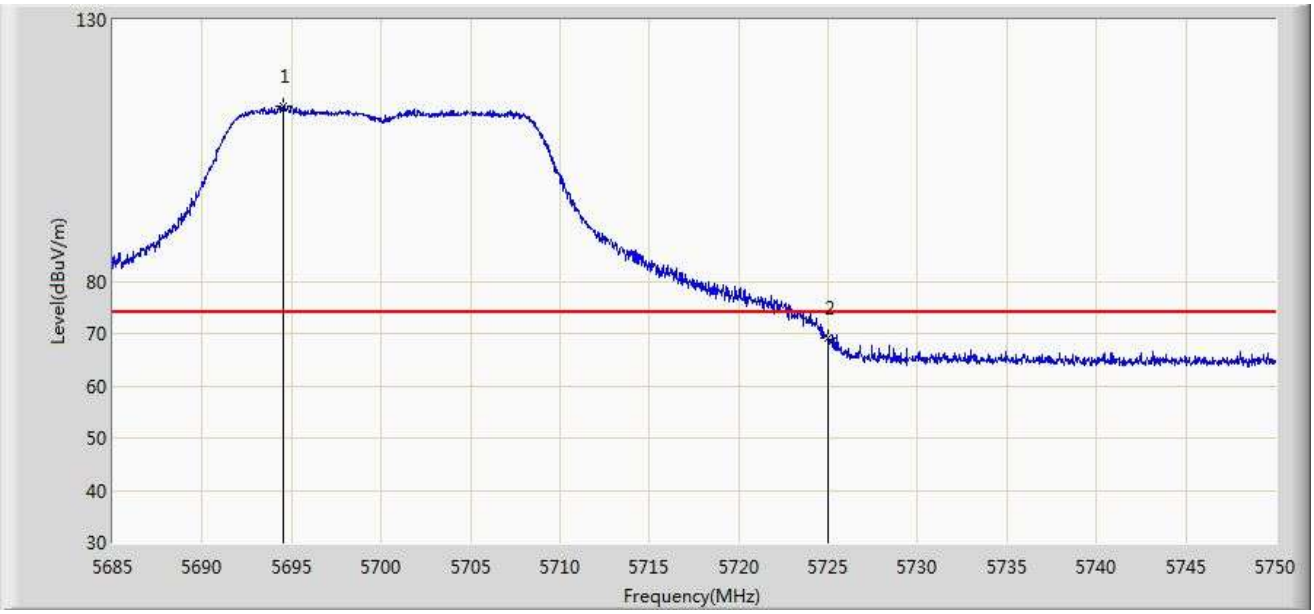


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.810	85.745	47.846	N/A	N/A	37.899	AV
2			5725.000	50.974	12.984	-3.026	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 20:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1	

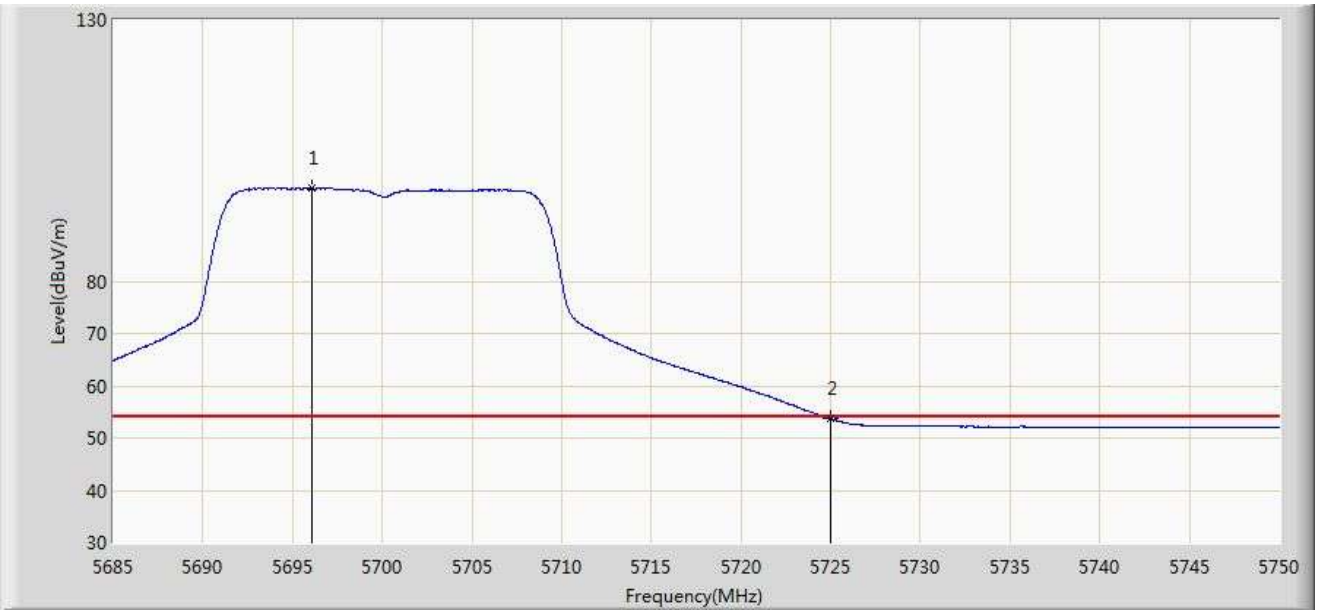


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.555	113.602	75.723	N/A	N/A	37.878	PK
2			5725.000	69.189	31.199	-4.811	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 20:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1	

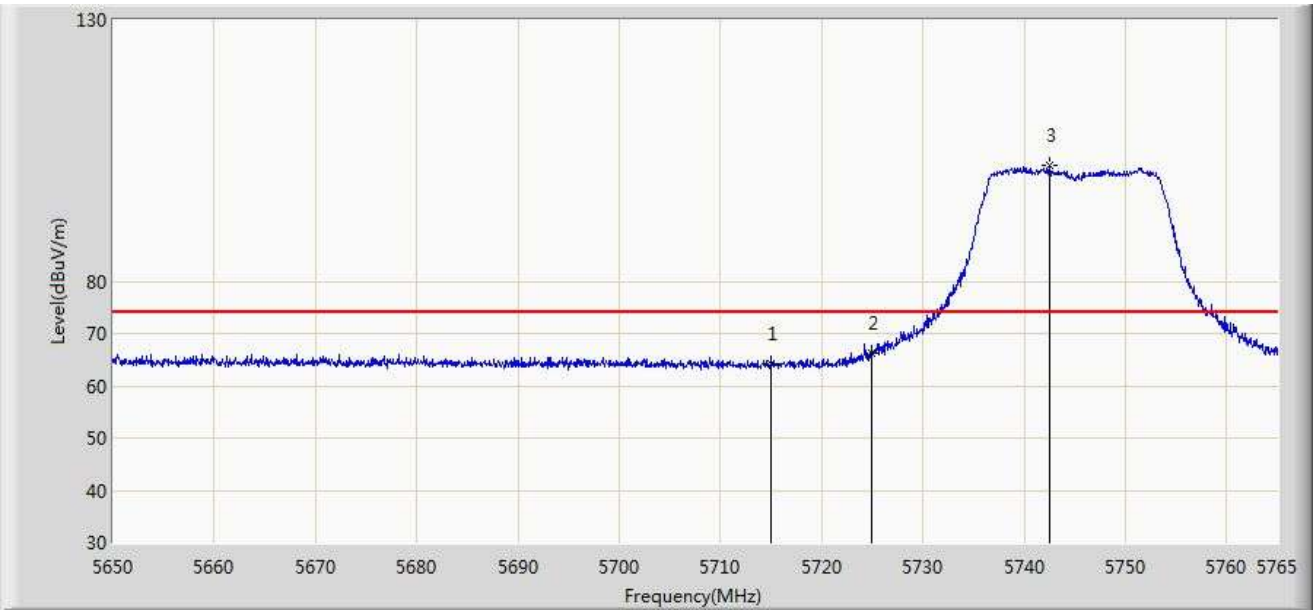


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.083	97.745	59.863	N/A	N/A	37.883	AV
2			5725.000	53.670	15.680	-0.330	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

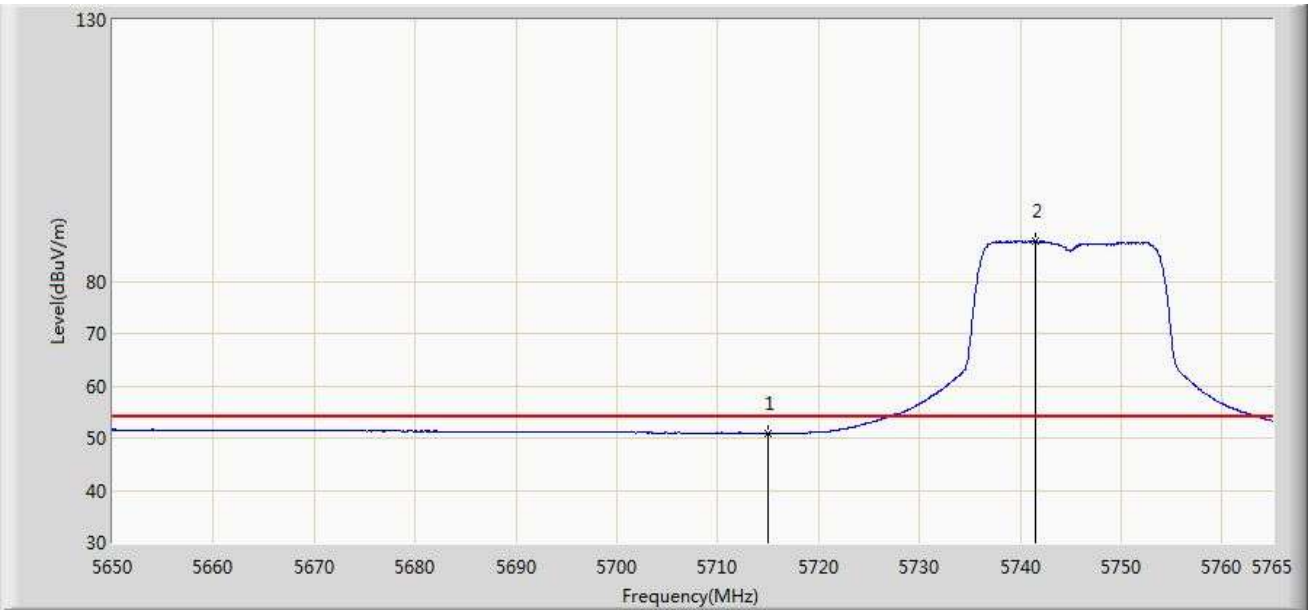


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.295	26.346	-9.705	74.000	37.949	PK
2			5725.000	66.207	28.217	-11.993	78.200	37.990	PK
3		*	5742.460	102.214	64.154	N/A	N/A	38.060	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

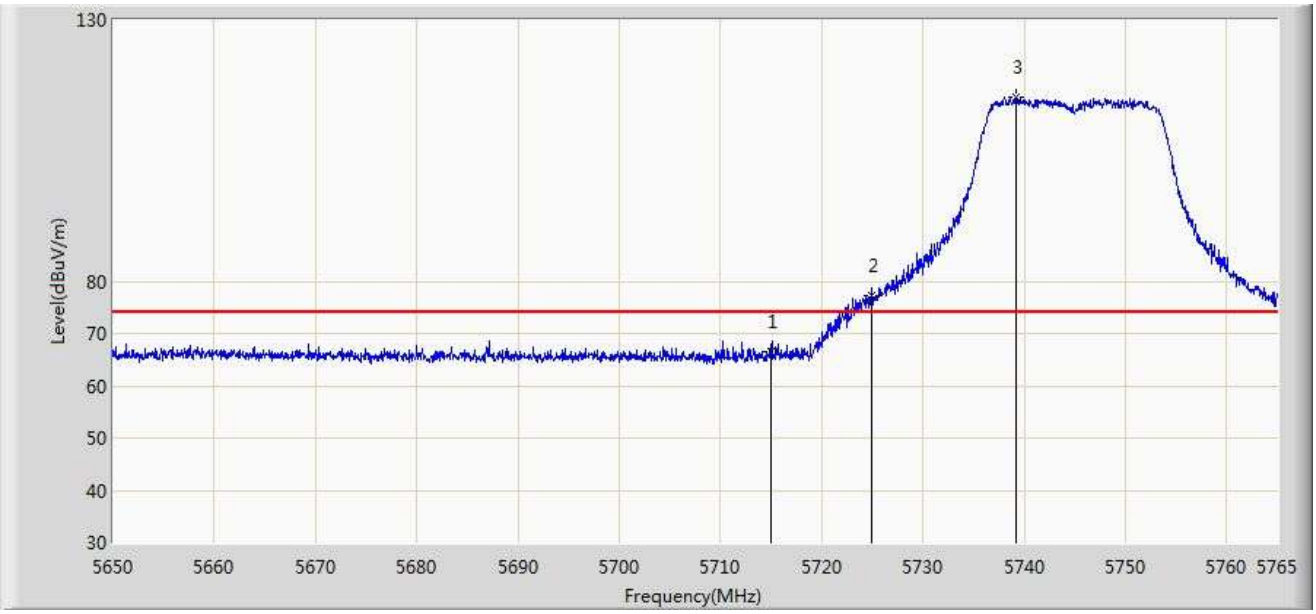


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.973	13.024	-3.027	54.000	37.949	AV
2		*	5741.482	87.642	49.585	N/A	N/A	38.057	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

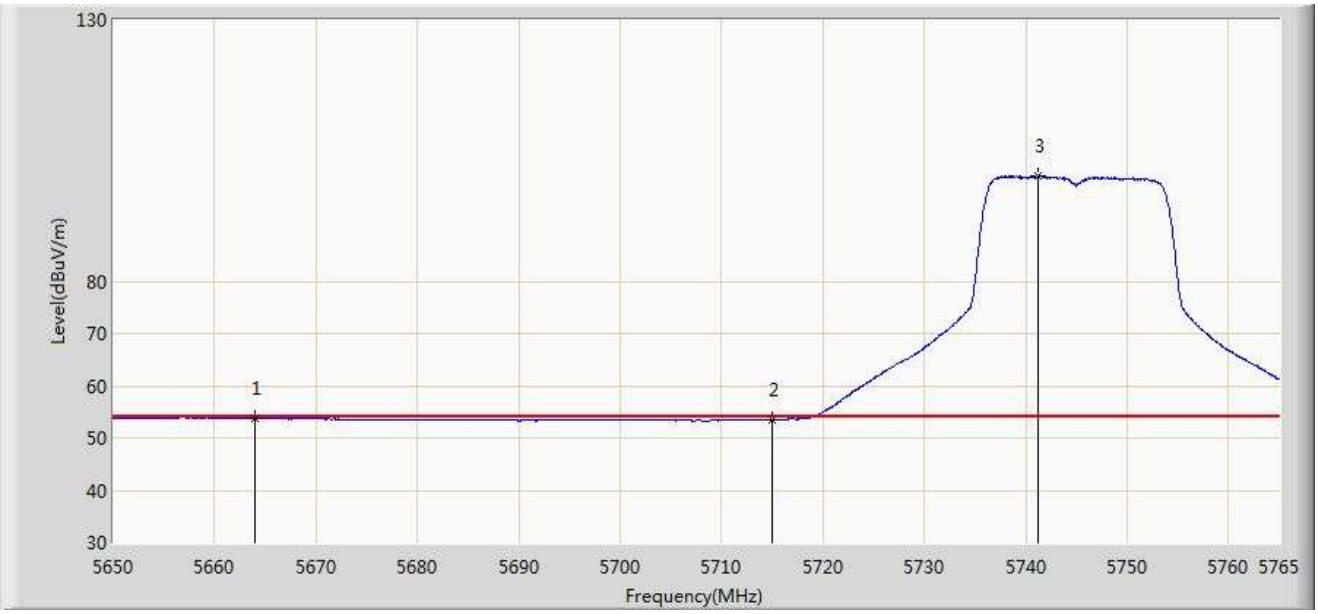


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.428	28.479	-7.572	74.000	37.949	PK
2			5725.000	77.378	39.388	-0.822	78.200	37.990	PK
3		*	5739.183	115.301	77.253	N/A	N/A	38.048	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

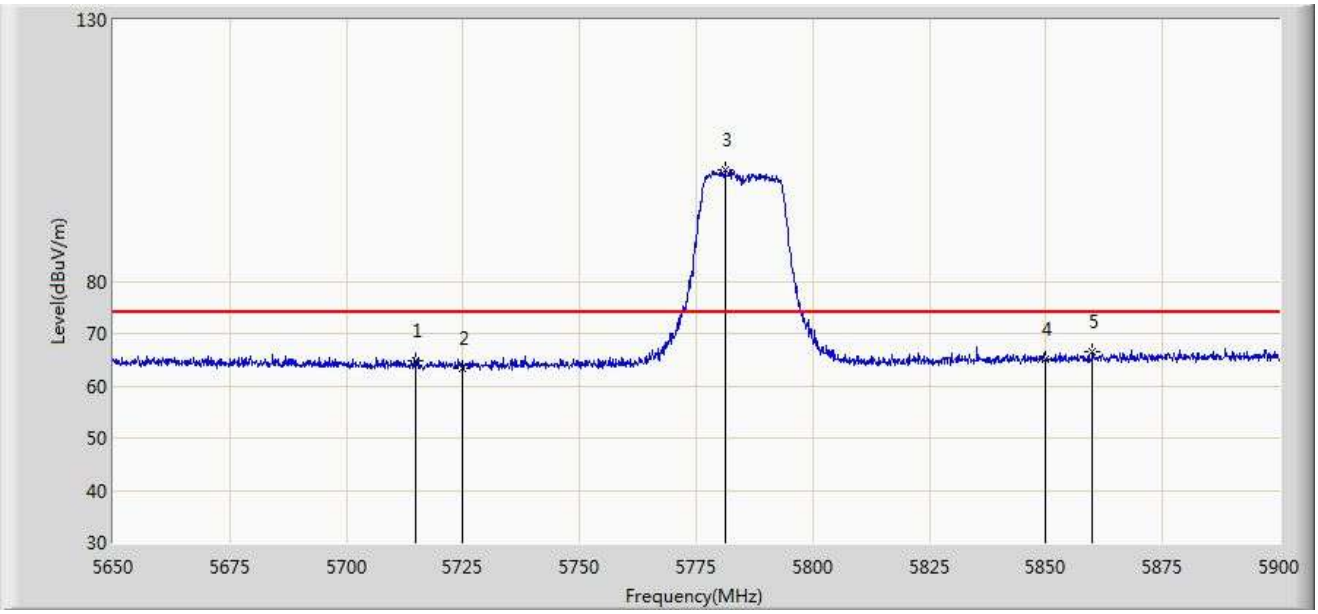


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5664.030	53.771	15.969	-0.229	54.000	37.802	AV
2			5715.000	53.502	15.553	-0.498	54.000	37.949	AV
3		*	5741.252	100.060	62.004	N/A	N/A	38.055	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1	

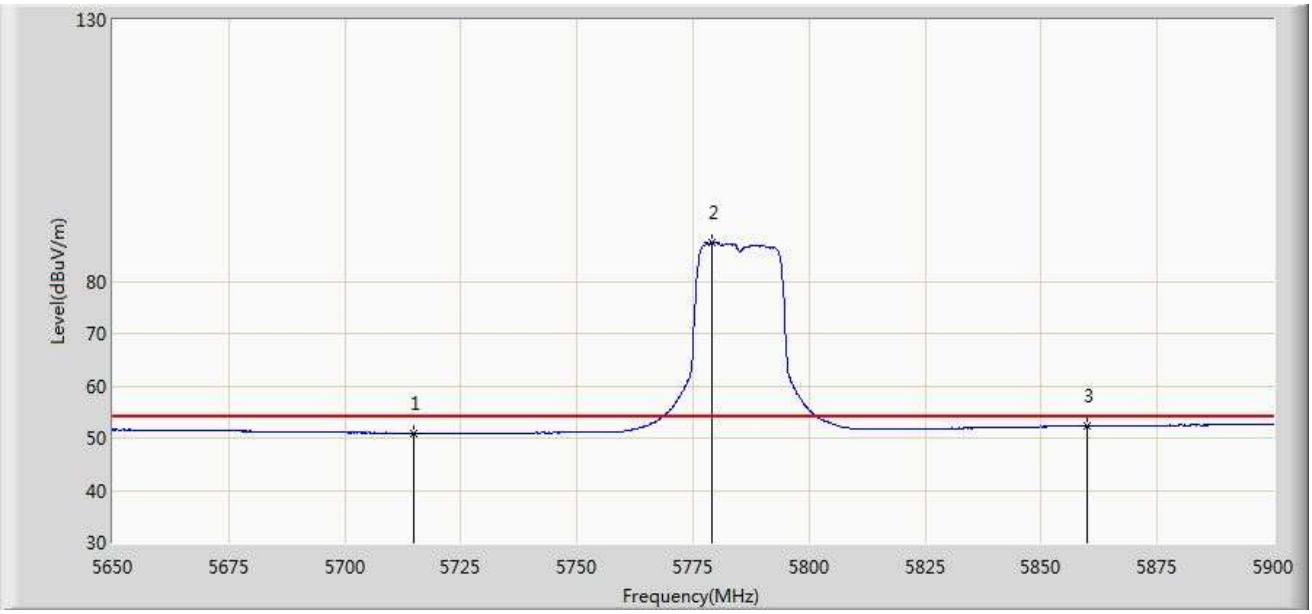


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.861	26.912	-9.139	74.000	37.949	PK
2			5725.000	63.402	25.412	-14.798	78.200	37.990	PK
3		*	5781.125	101.295	63.097	N/A	N/A	38.198	PK
4			5850.000	65.105	26.652	-13.095	78.200	38.454	PK
5			5860.000	66.434	27.956	-7.566	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1	

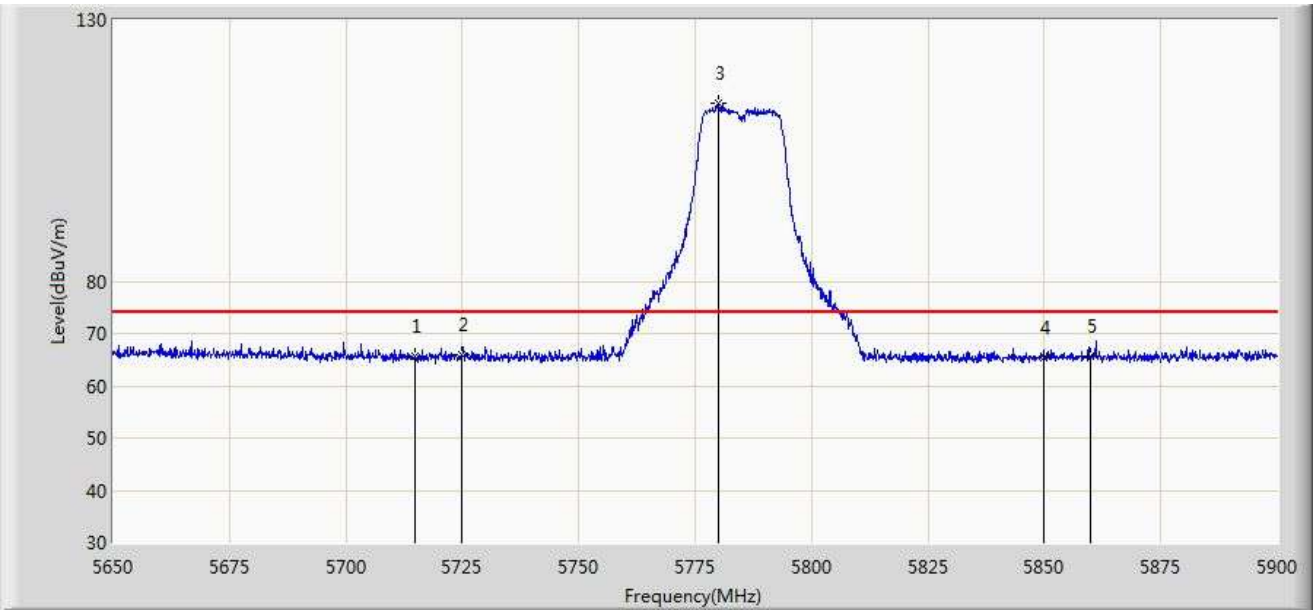


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.943	12.994	-3.057	54.000	37.949	AV
2		*	5779.000	87.334	49.143	N/A	N/A	38.191	AV
3			5860.000	52.314	13.836	-1.686	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1	

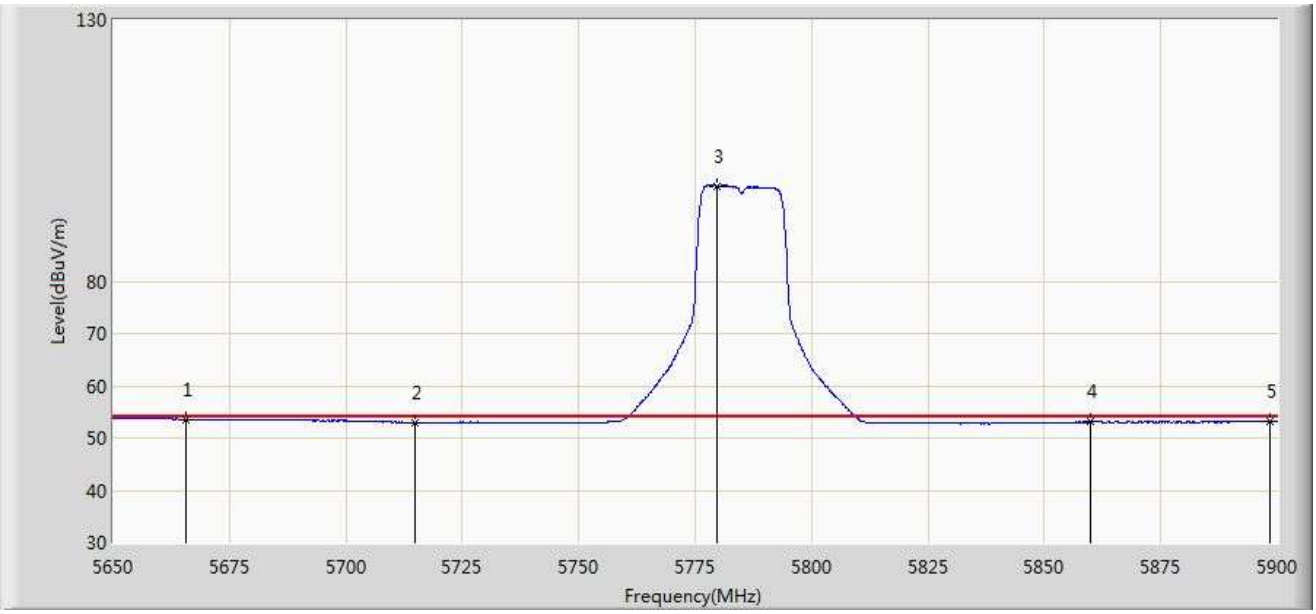


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.596	27.647	-8.404	74.000	37.949	PK
2			5725.000	65.956	27.966	-12.244	78.200	37.990	PK
3		*	5780.125	113.936	75.741	N/A	N/A	38.195	PK
4			5850.000	65.351	26.898	-12.849	78.200	38.454	PK
5			5860.000	65.513	27.035	-8.487	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/11 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1	

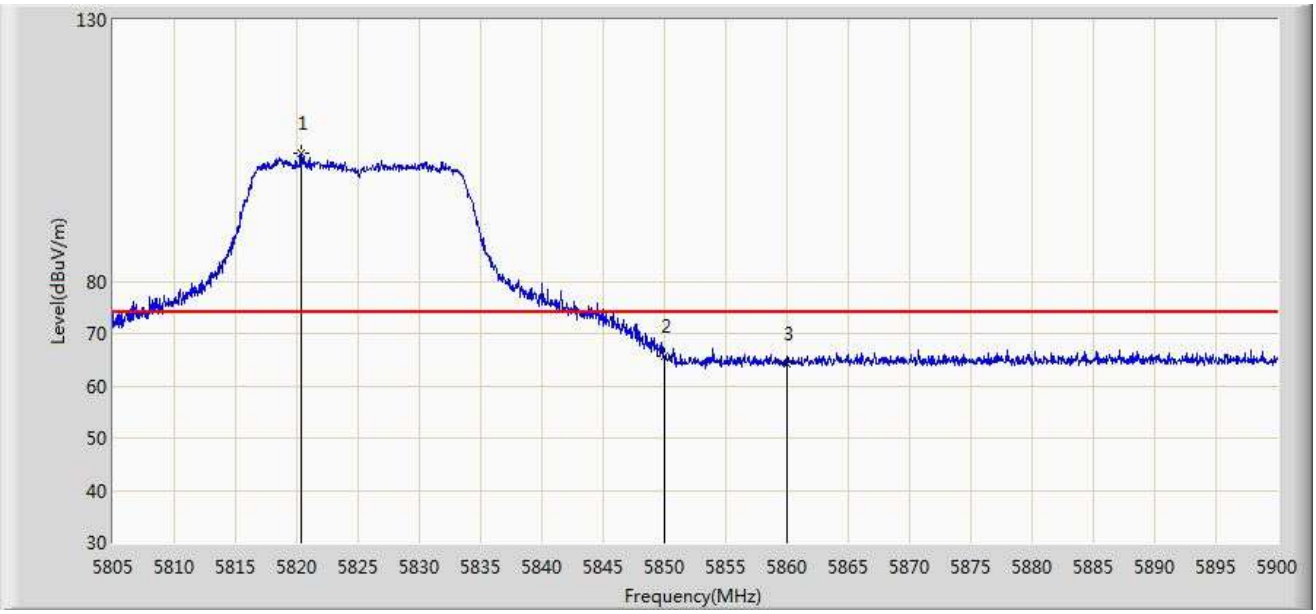


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5665.750	53.556	15.752	-0.444	54.000	37.804	AV
2			5715.000	52.967	15.018	-1.033	54.000	37.949	AV
3		*	5779.750	98.215	60.022	N/A	N/A	38.193	AV
4			5860.000	53.098	14.620	-0.902	54.000	38.478	AV
5			5898.375	53.159	14.641	-0.841	54.000	38.518	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

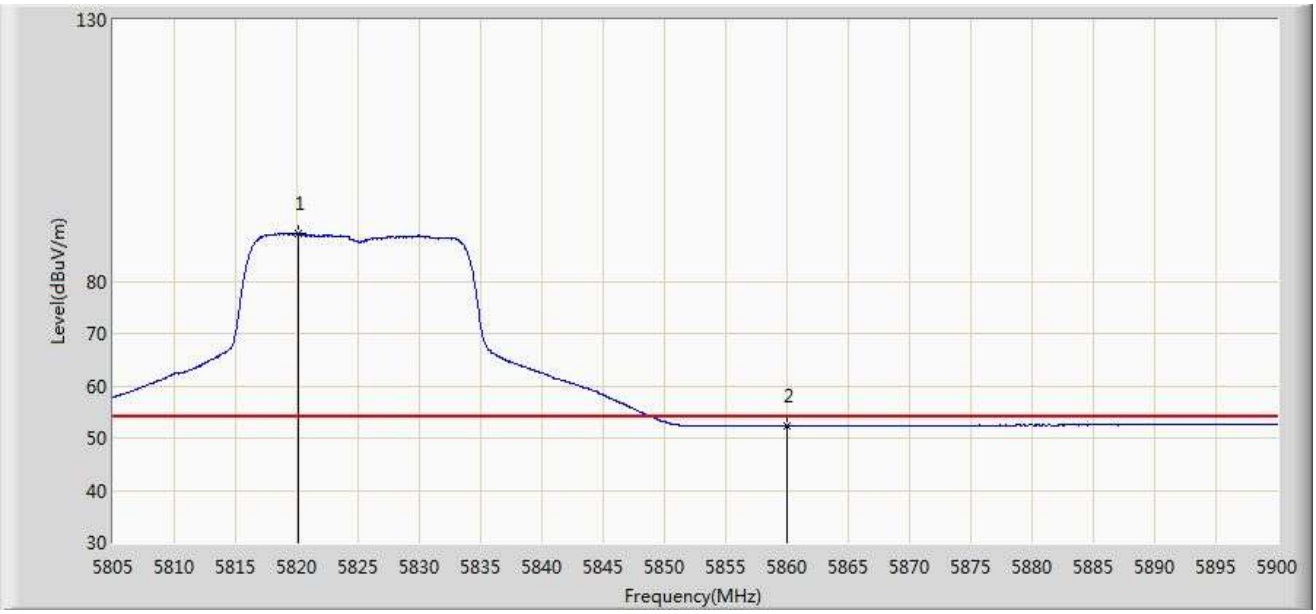


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.342	104.398	66.062	N/A	N/A	38.336	PK
2			5850.000	65.598	27.145	-12.602	78.200	38.454	PK
3			5860.000	64.317	25.839	-9.683	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

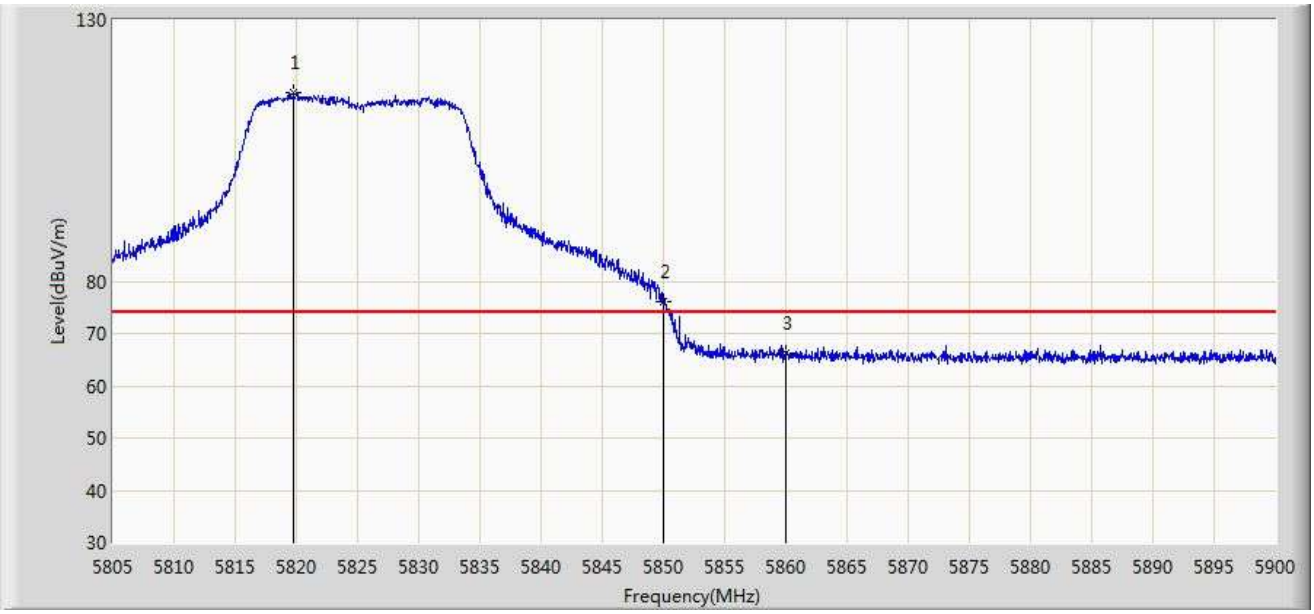


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.152	88.986	50.651	N/A	N/A	38.335	AV
2			5860.000	52.315	13.837	-1.685	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

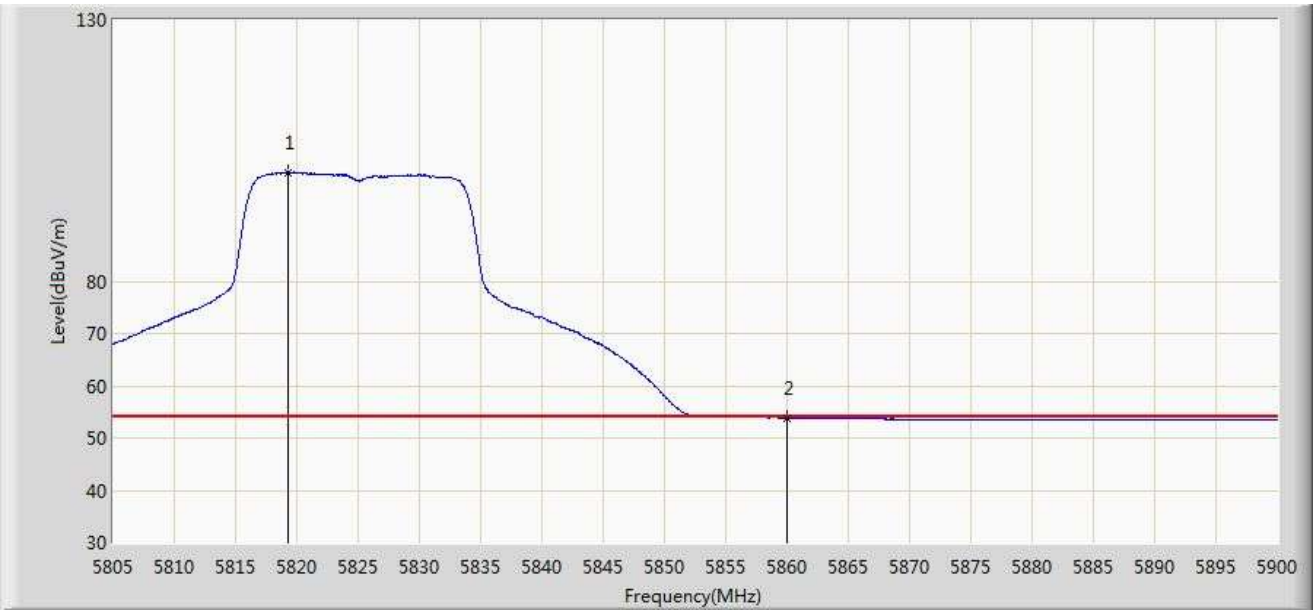


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.772	116.096	77.762	N/A	N/A	38.334	PK
2			5850.000	76.125	37.672	-2.075	78.200	38.454	PK
3			5860.000	66.361	27.883	-7.639	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

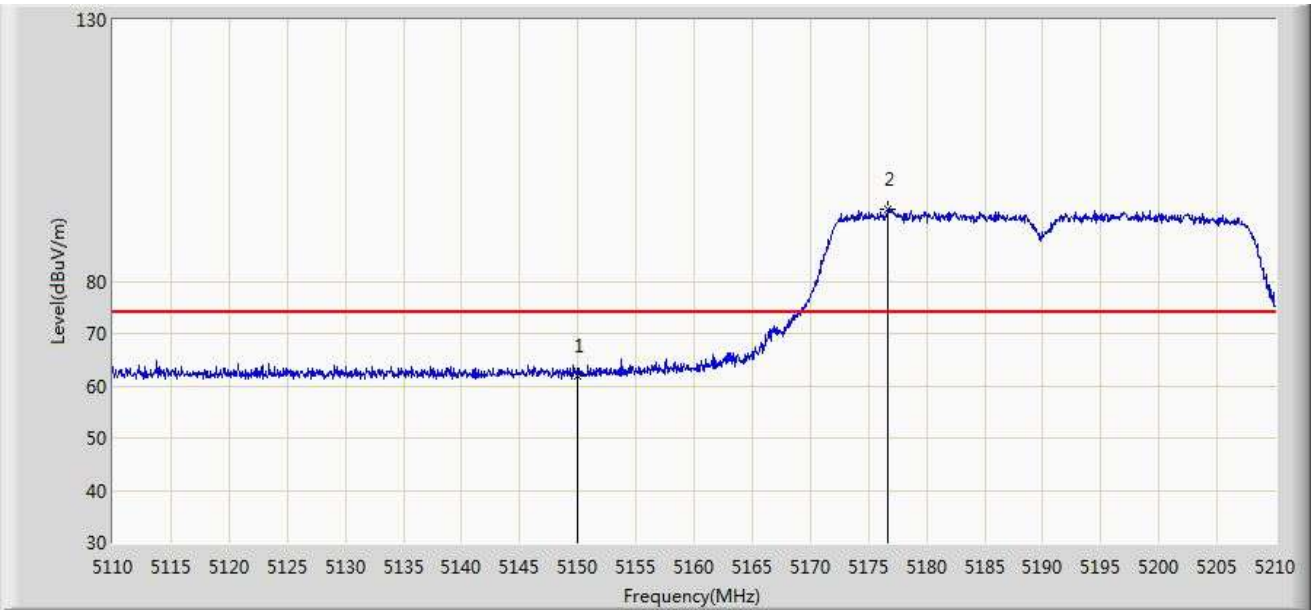


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	100.828	62.496	N/A	N/A	38.332	AV
2			5860.000	53.885	15.407	-0.115	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1	

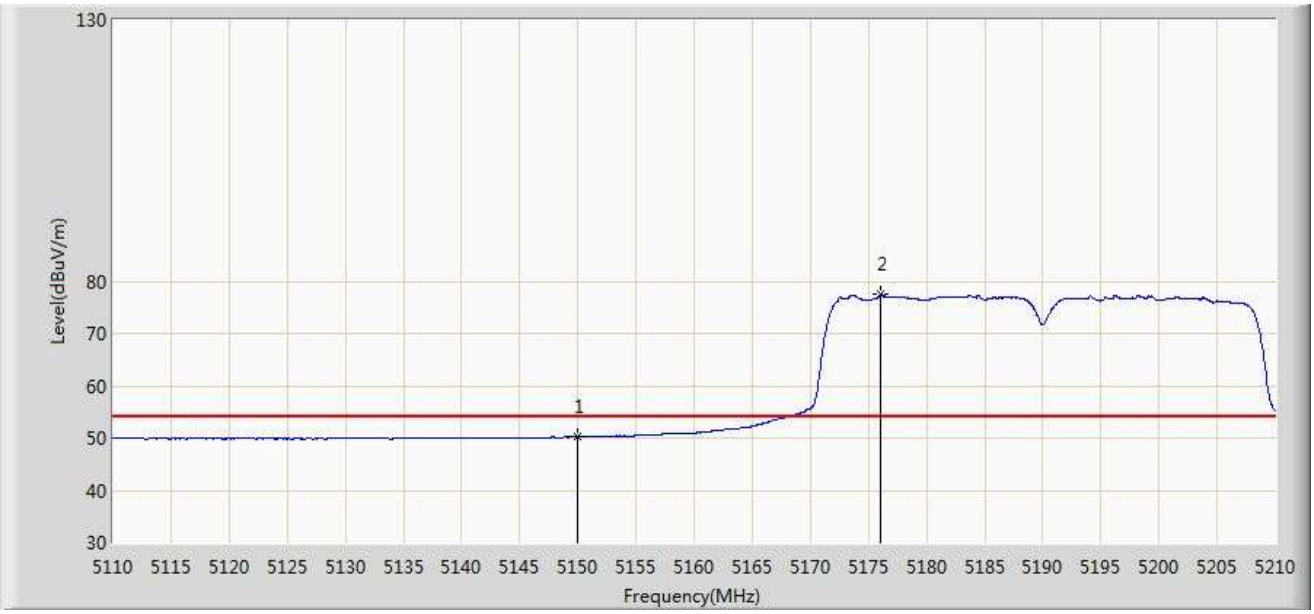


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	61.980	24.528	-12.020	74.000	37.452	PK
2		*	5176.700	93.842	56.461	N/A	N/A	37.381	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1	

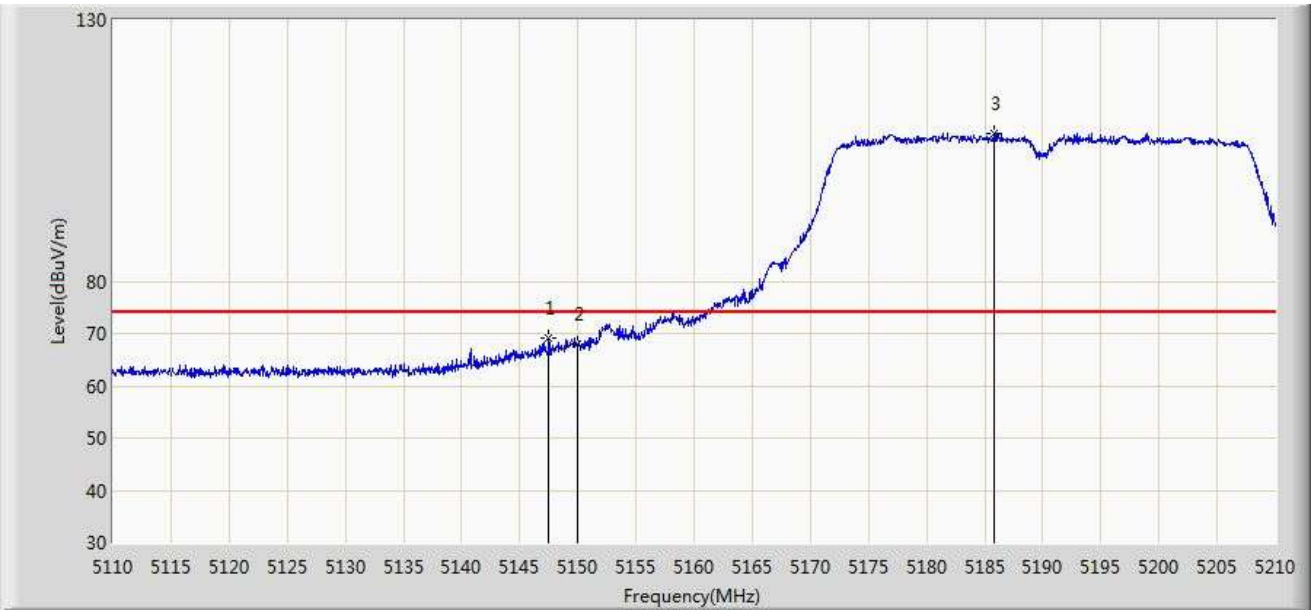


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.235	12.783	-3.765	54.000	37.452	AV
2		*	5176.100	77.392	40.009	N/A	N/A	37.383	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.500	69.163	31.707	-4.837	74.000	37.455	PK
2			5150.000	68.089	30.637	-5.911	74.000	37.452	PK
3		*	5185.850	108.161	70.802	N/A	N/A	37.359	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

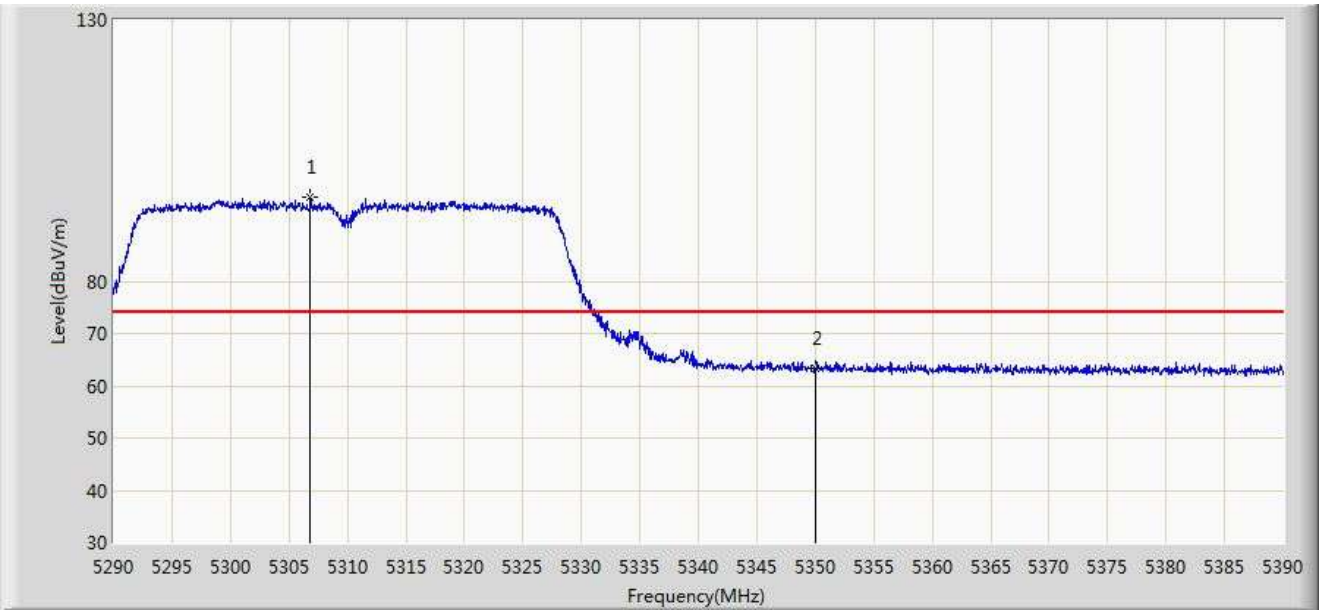
Site: AC1	Time: 2015/05/12 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.700	16.248	-0.300	54.000	37.452	AV
2		*	5186.500	90.440	53.082	N/A	N/A	37.358	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1	

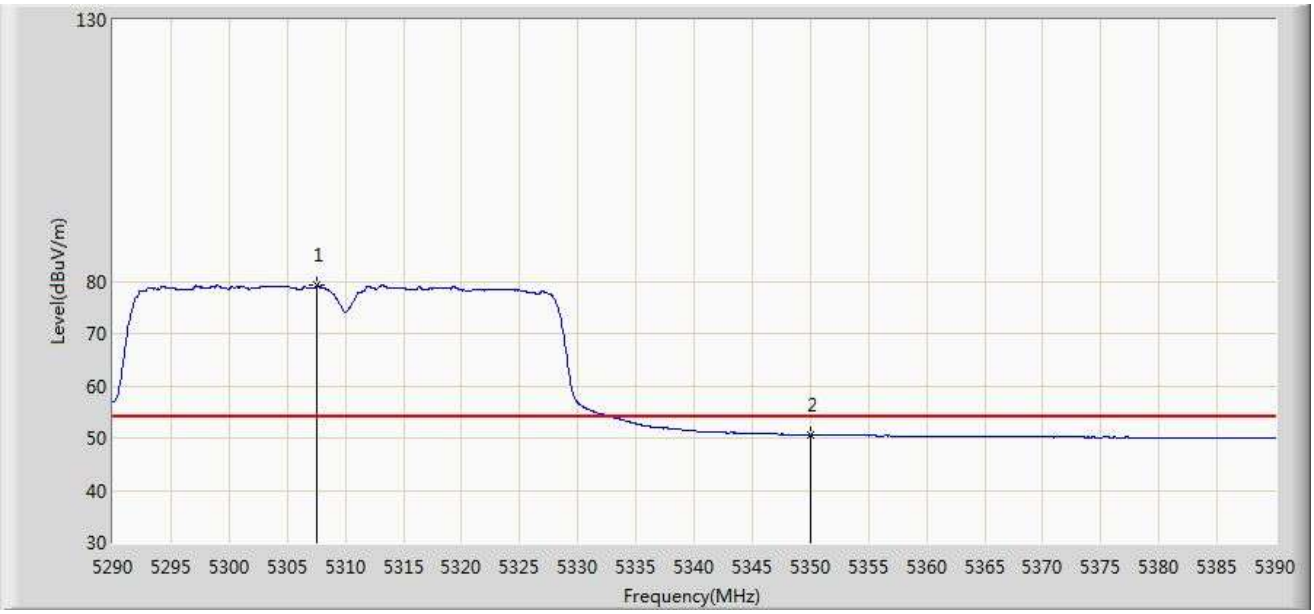


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.850	96.021	58.827	N/A	N/A	37.194	PK
2			5350.000	63.305	26.019	-10.695	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1	

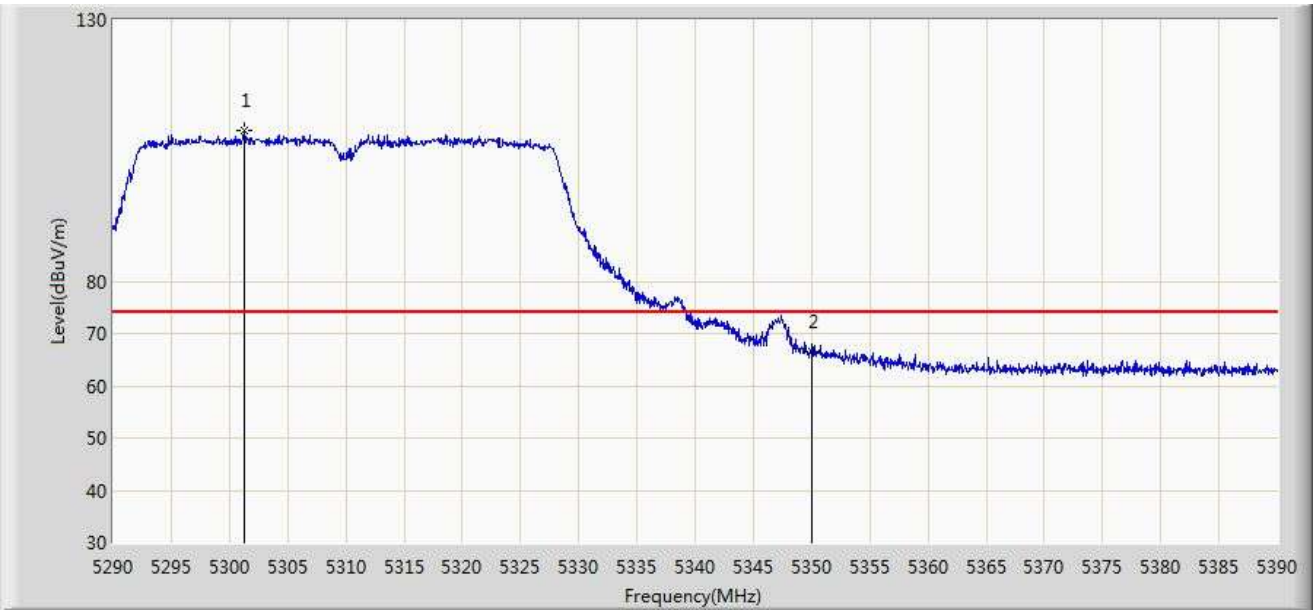


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.600	79.224	42.029	N/A	N/A	37.195	AV
2			5350.000	50.617	13.331	-3.383	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1	

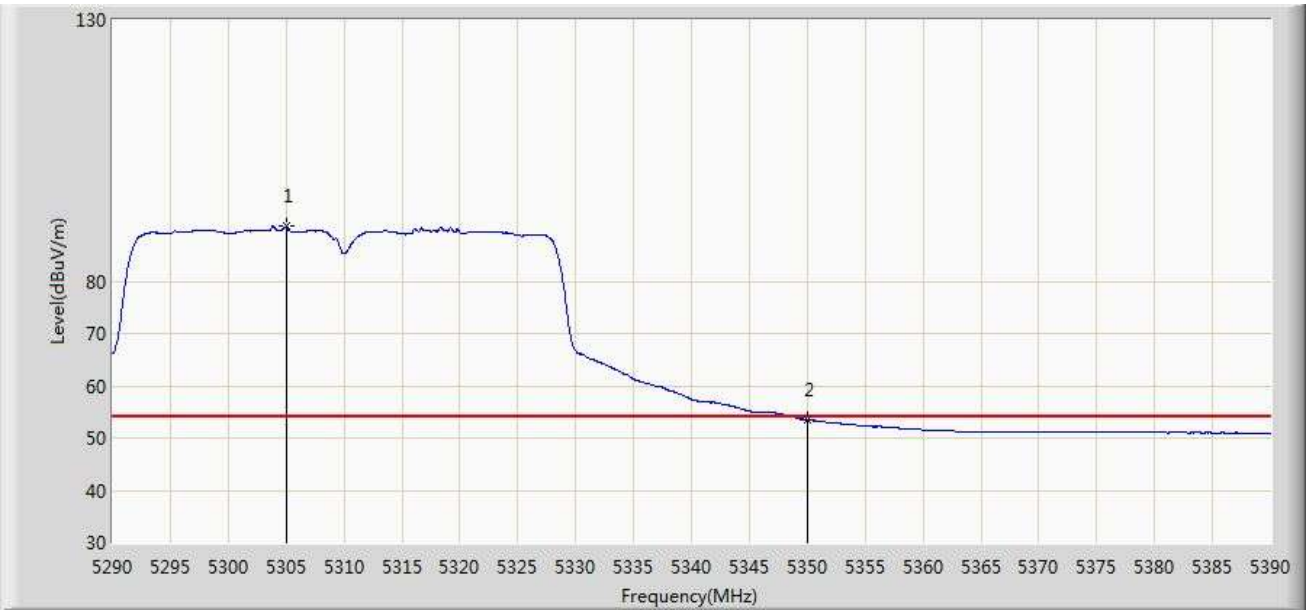


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.300	108.853	71.665	N/A	N/A	37.188	PK
2			5350.000	66.380	29.094	-7.620	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1	

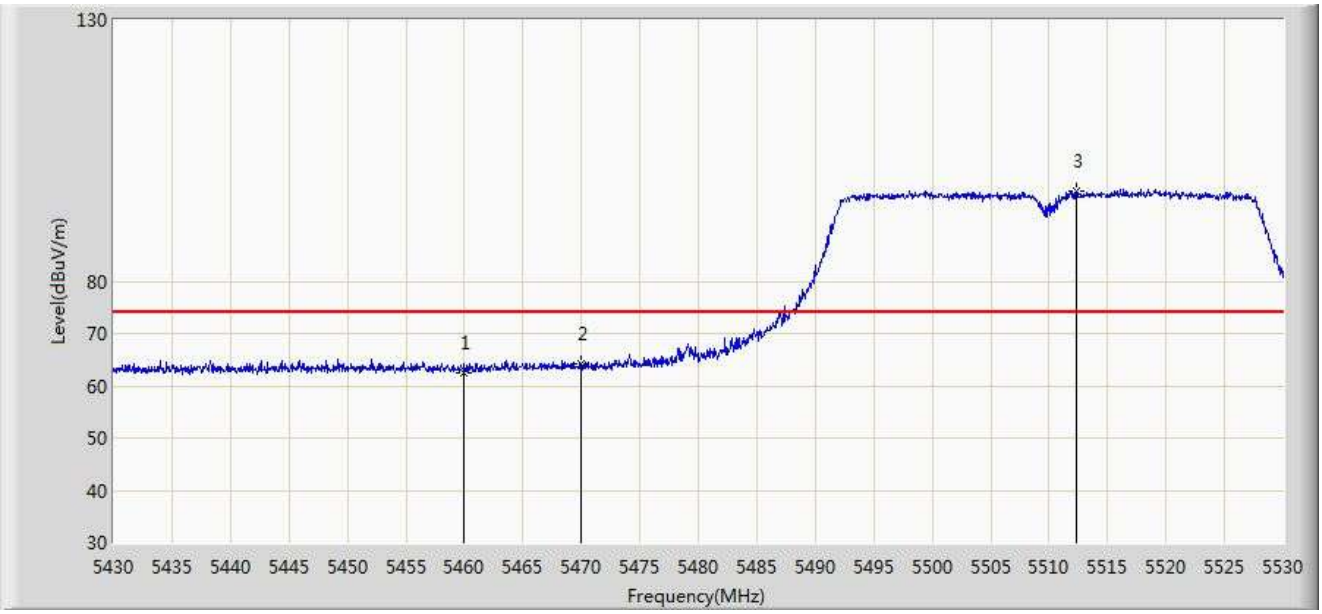


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.000	90.456	53.264	N/A	N/A	37.192	AV
2			5350.000	53.498	16.212	-0.502	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1	

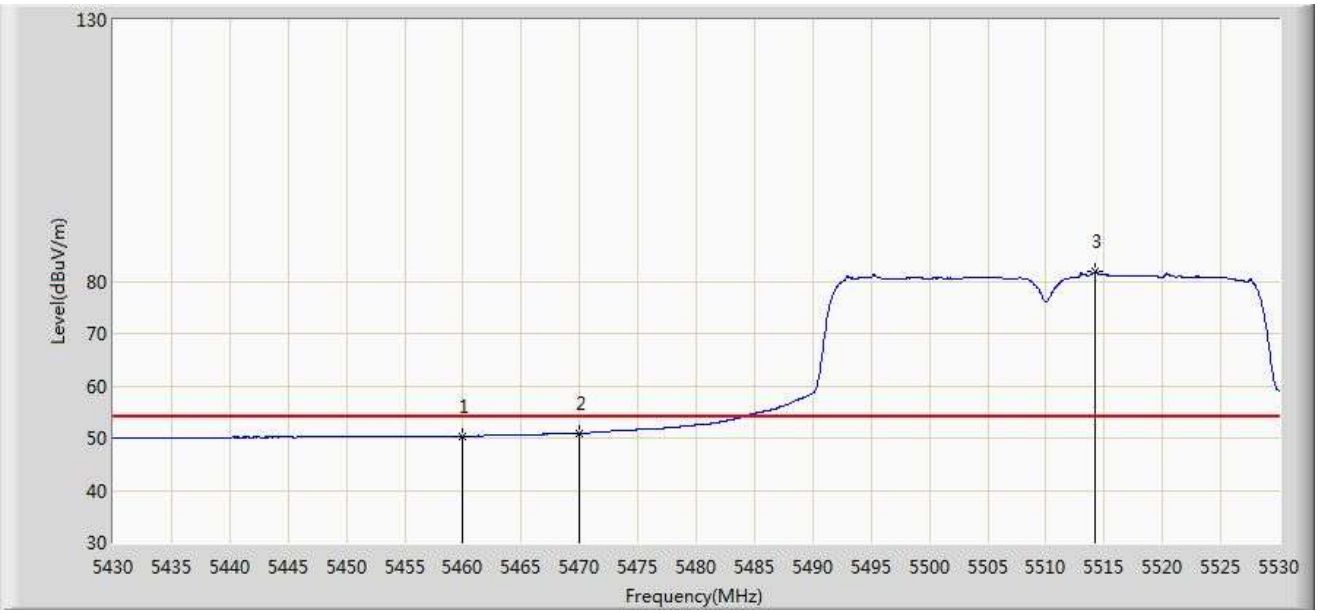


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.597	25.034	-11.403	74.000	37.563	PK
2			5470.000	64.277	26.688	-9.723	74.000	37.588	PK
3		*	5512.300	97.256	59.618	N/A	N/A	37.638	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1	

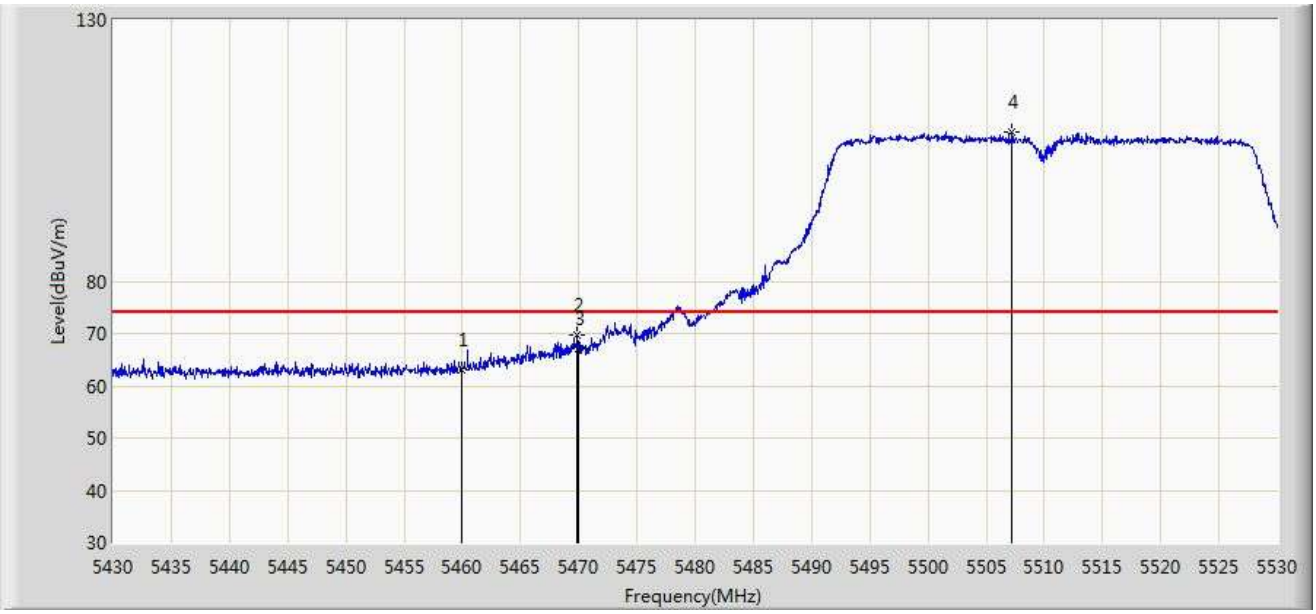


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.388	12.825	-3.612	54.000	37.563	AV
2			5470.000	50.920	13.331	-3.080	54.000	37.588	AV
3		*	5514.250	81.869	44.229	N/A	N/A	37.640	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1	

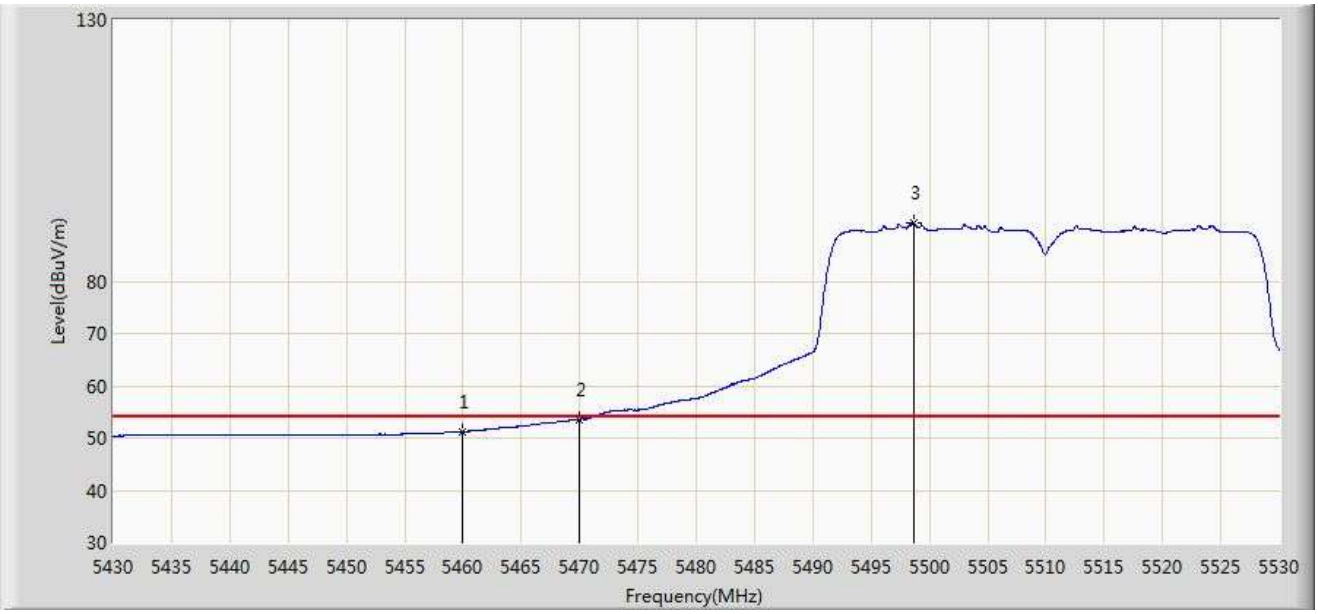


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.940	25.377	-11.060	74.000	37.563	PK
2			5469.900	69.578	31.990	-4.422	74.000	37.588	PK
3			5470.000	67.240	29.651	-6.760	74.000	37.588	PK
4		*	5507.250	108.441	70.809	N/A	N/A	37.632	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1	

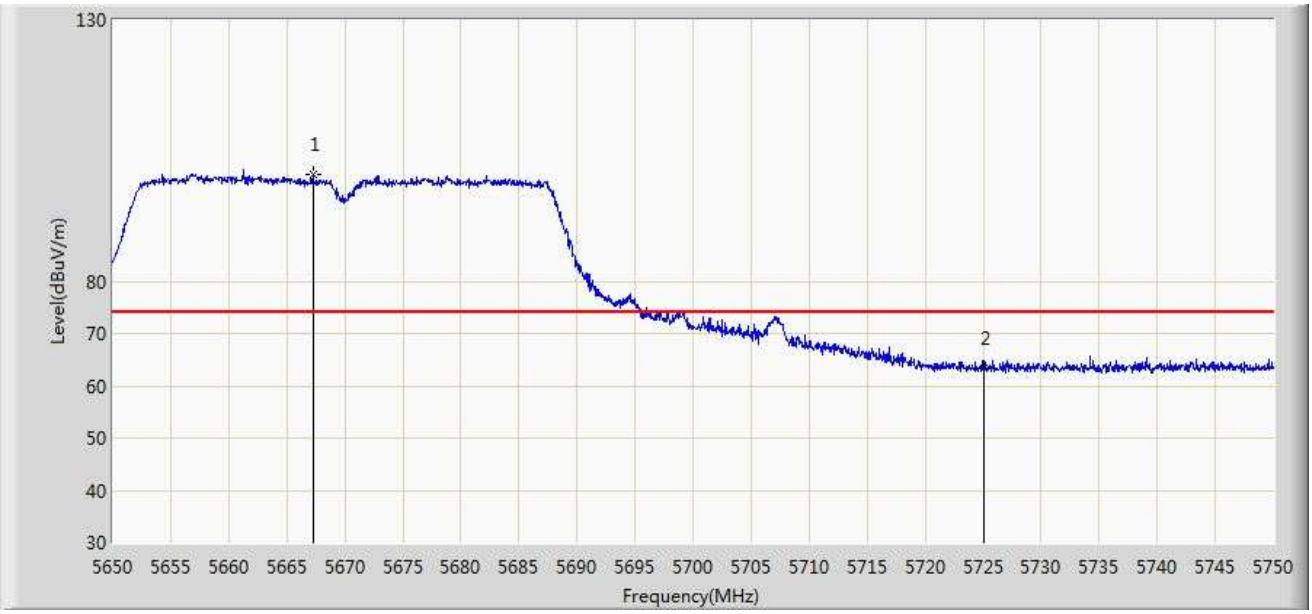


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.183	13.620	-2.817	54.000	37.563	AV
2			5470.000	53.540	15.951	-0.460	54.000	37.588	AV
3		*	5498.700	91.155	53.532	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5667.250	100.361	62.555	N/A	N/A	37.806	PK
2			5725.000	63.273	25.283	-10.727	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

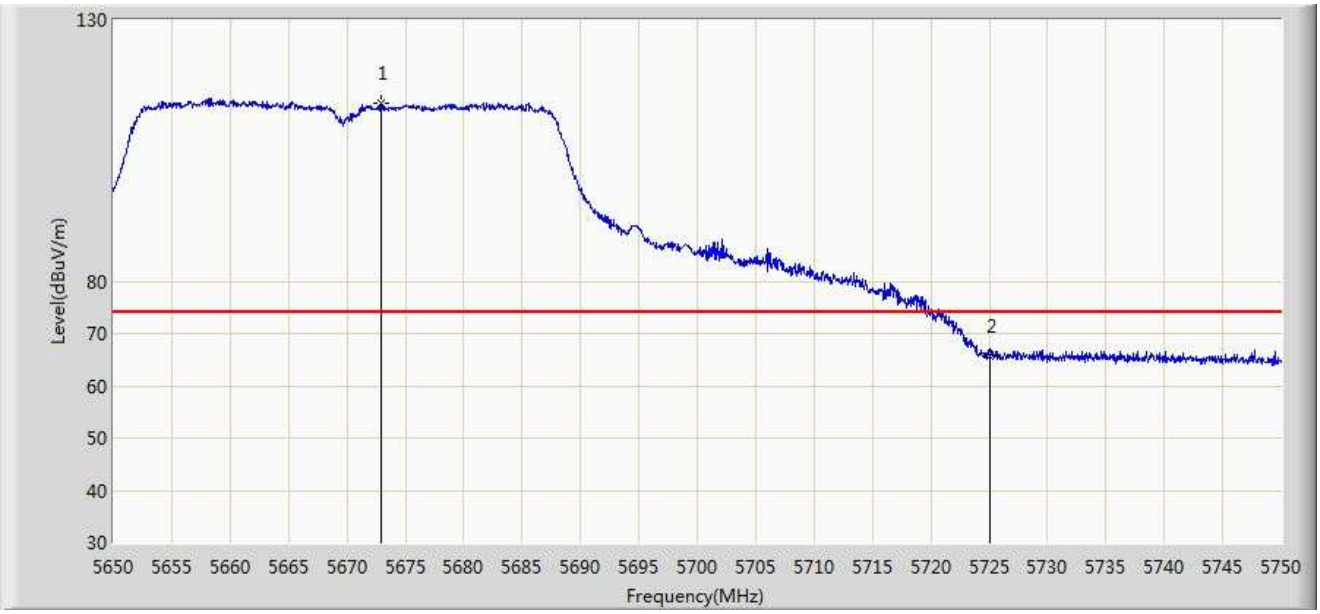
Site: AC1	Time: 2015/05/12 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5663.950	83.691	45.889	N/A	N/A	37.801	AV
2			5725.000	50.874	12.884	-3.126	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1	

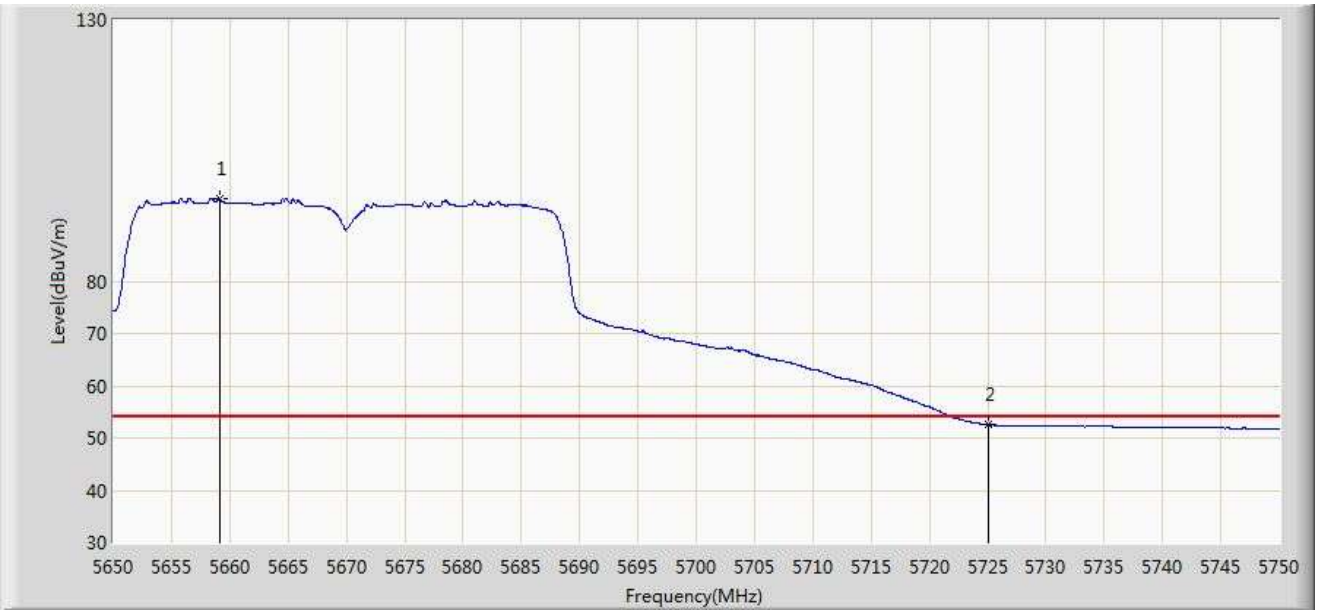


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5672.900	114.039	76.226	N/A	N/A	37.814	PK
2			5725.000	65.540	27.550	-8.460	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

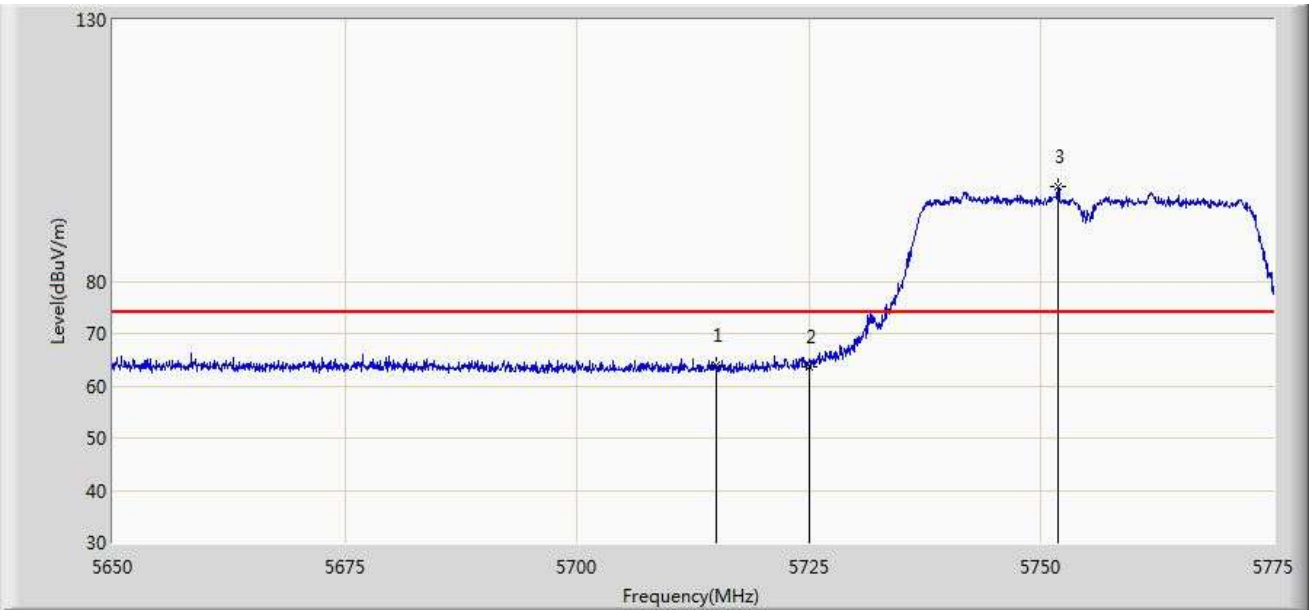
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5659.100	95.809	58.014	N/A	N/A	37.796	AV
2			5725.000	52.540	14.550	-1.460	54.000	37.990	AV

Site: AC1	Time: 2015/05/12 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

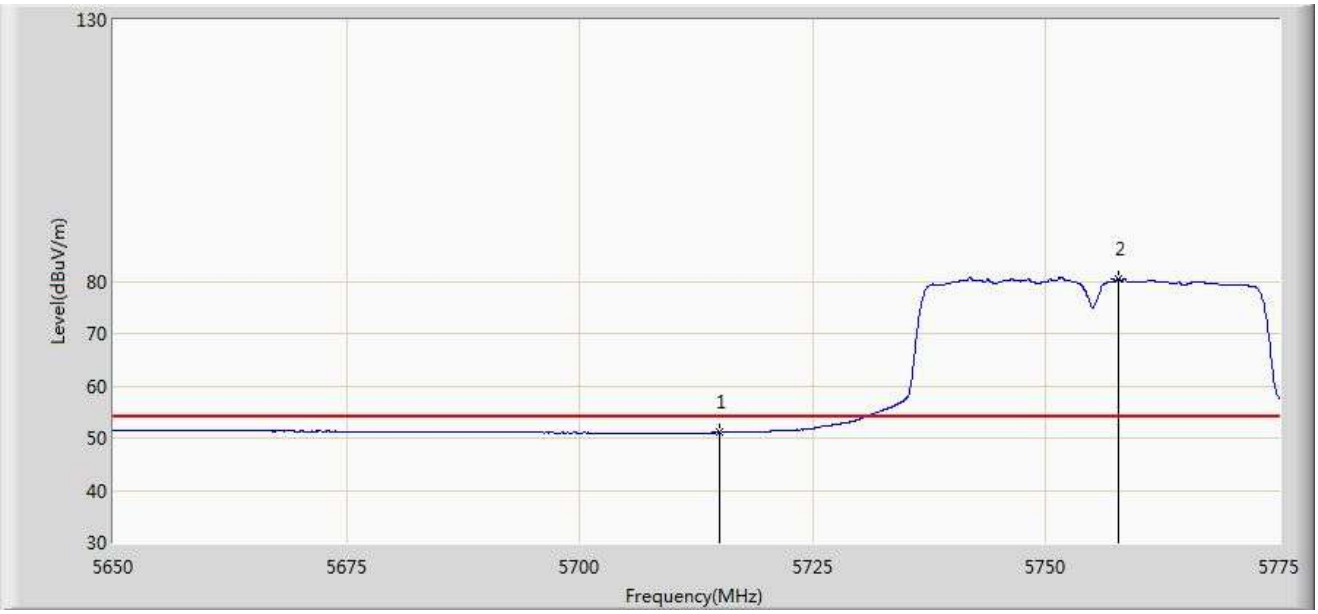


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.829	25.880	-10.171	74.000	37.949	PK
2			5725.000	63.579	25.589	-14.621	78.200	37.990	PK
3		*	5751.875	98.009	59.904	N/A	N/A	38.105	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

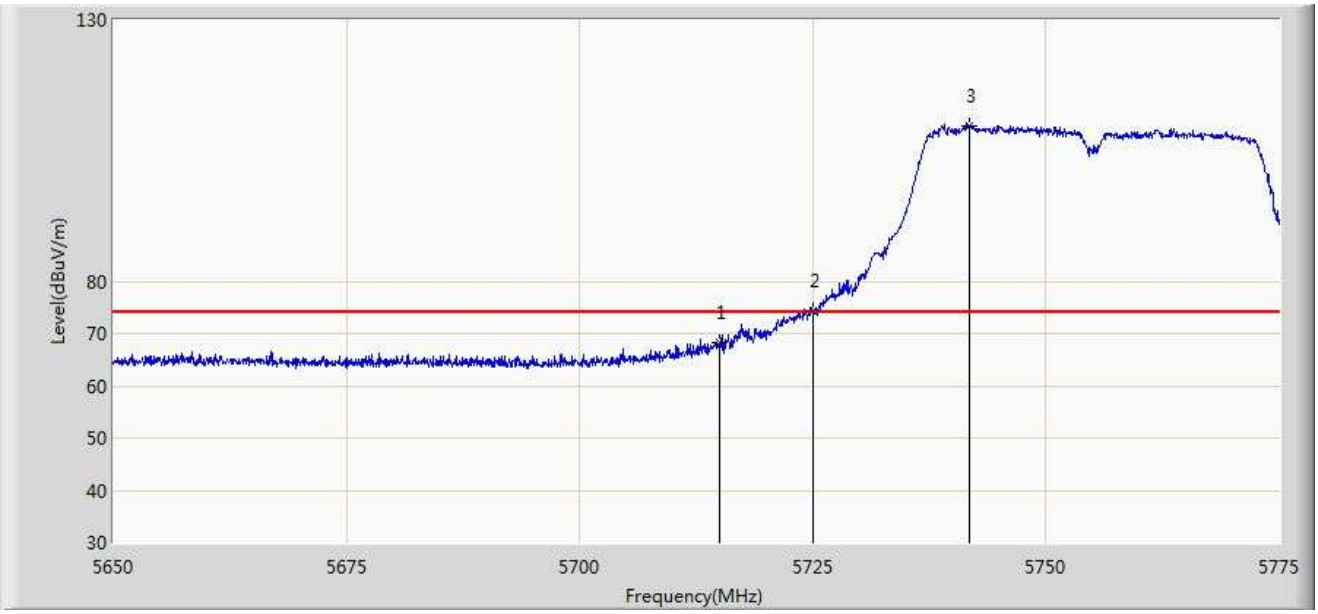


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.030	13.081	-2.970	54.000	37.949	AV
2		*	5757.750	80.566	42.434	N/A	N/A	38.132	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

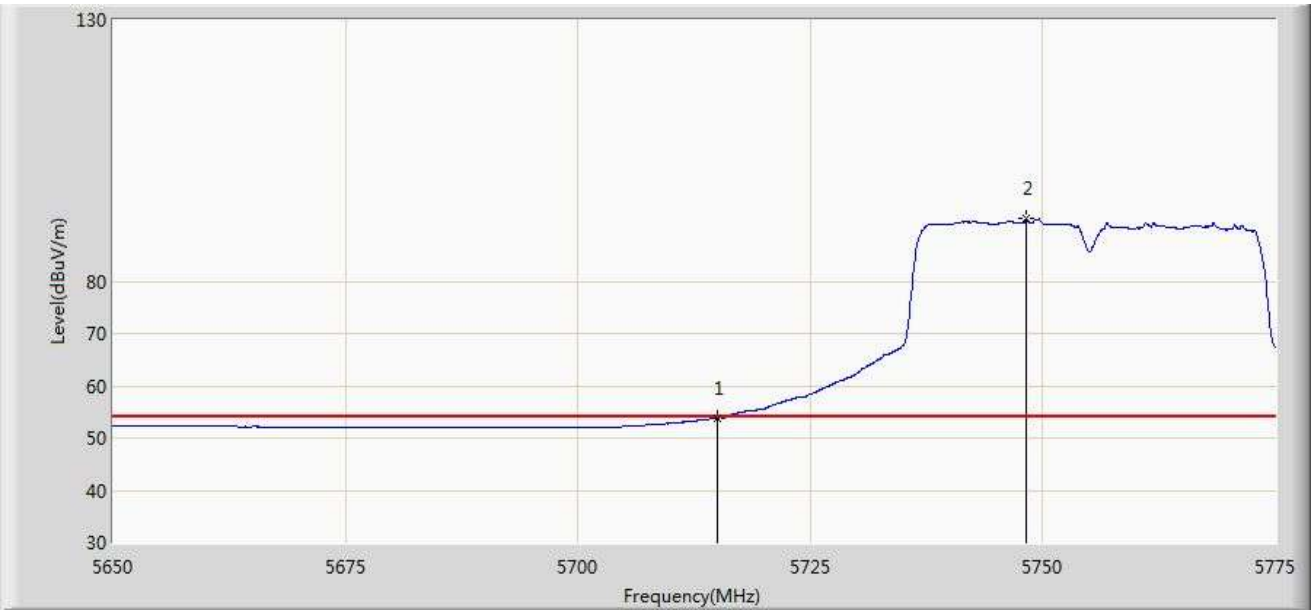


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.218	30.269	-5.782	74.000	37.949	PK
2			5725.000	74.236	36.246	-3.964	78.200	37.990	PK
3		*	5741.812	109.738	71.680	N/A	N/A	38.058	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

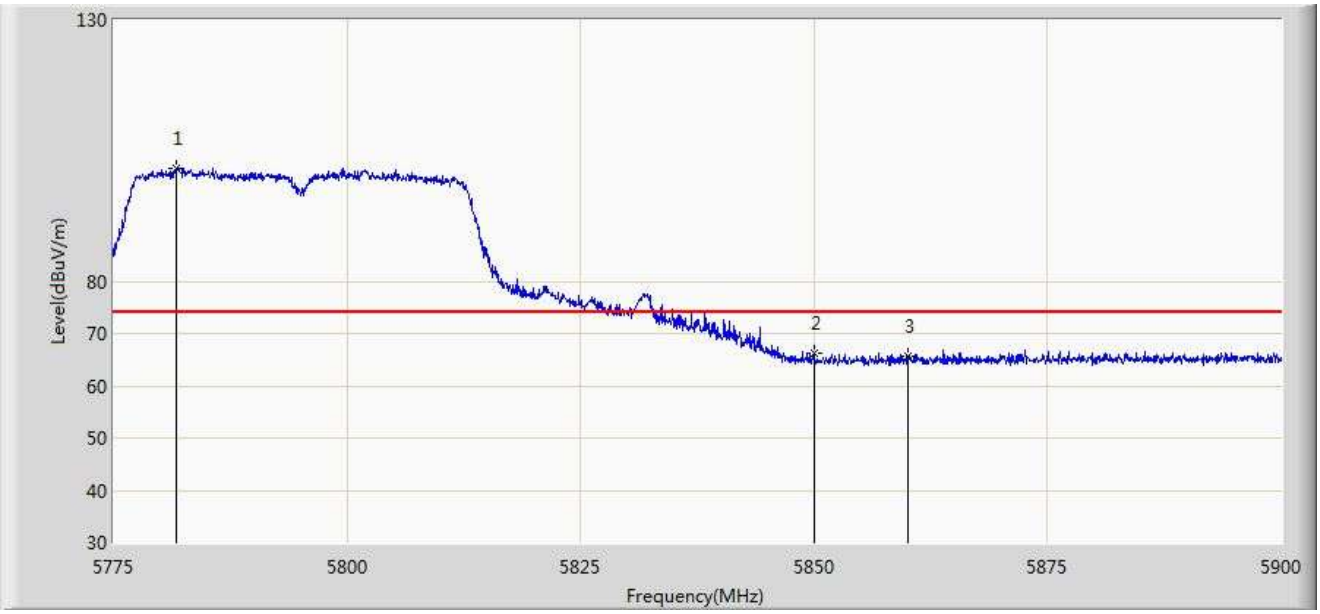


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.750	15.801	-0.250	54.000	37.949	AV
2		*	5748.187	91.974	53.887	N/A	N/A	38.087	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

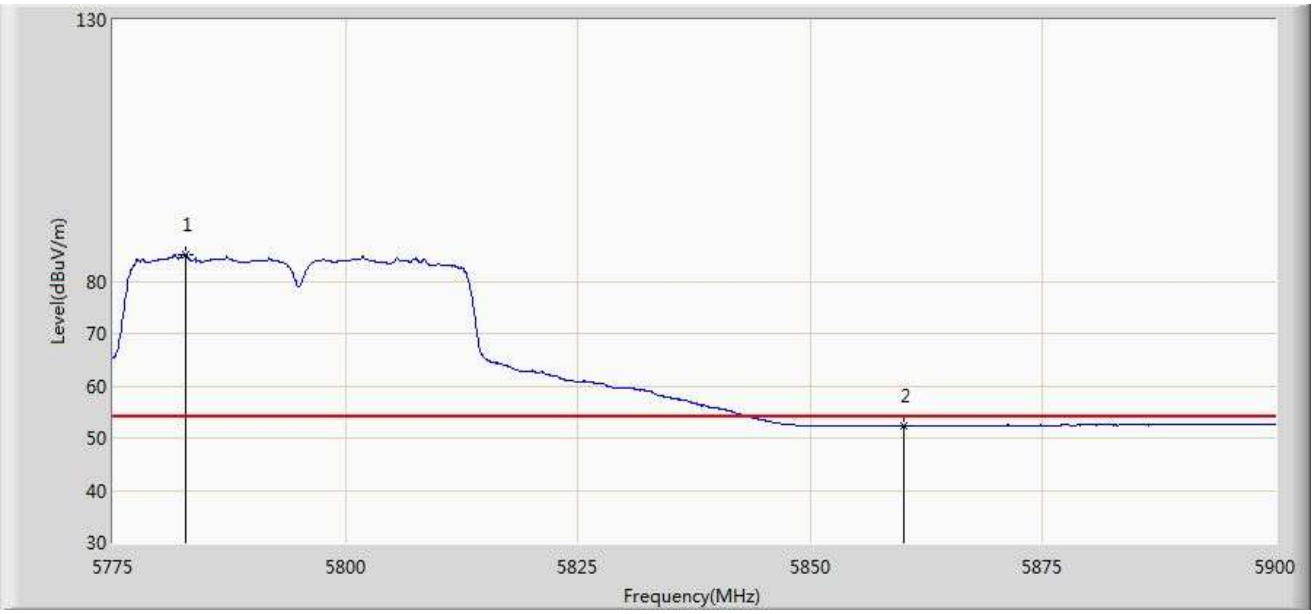


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.812	101.599	63.398	N/A	N/A	38.201	PK
2			5850.000	66.248	27.795	-11.952	78.200	38.454	PK
3			5860.000	65.682	27.204	-8.318	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

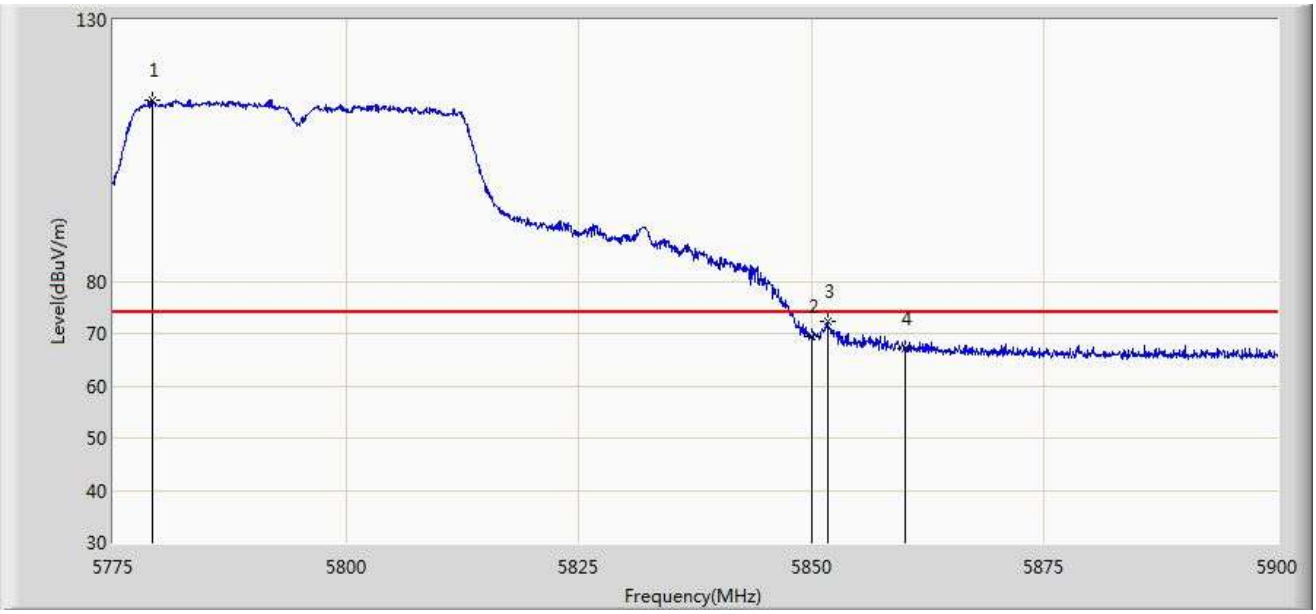


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.875	85.204	46.999	N/A	N/A	38.205	AV
2			5860.000	52.294	13.816	-1.706	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

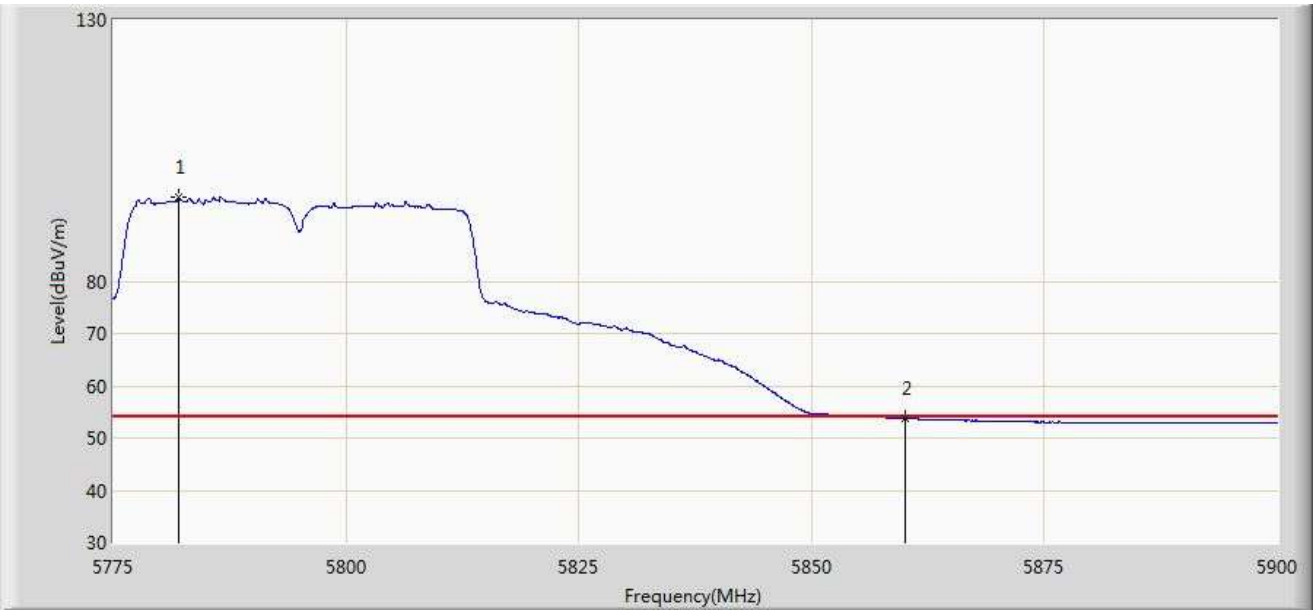


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5779.187	114.653	76.462	N/A	N/A	38.192	PK
2			5850.000	69.473	31.020	-8.727	78.200	38.454	PK
3			5851.687	72.377	33.920	-5.823	78.200	38.458	PK
4			5860.000	66.967	28.489	-7.033	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

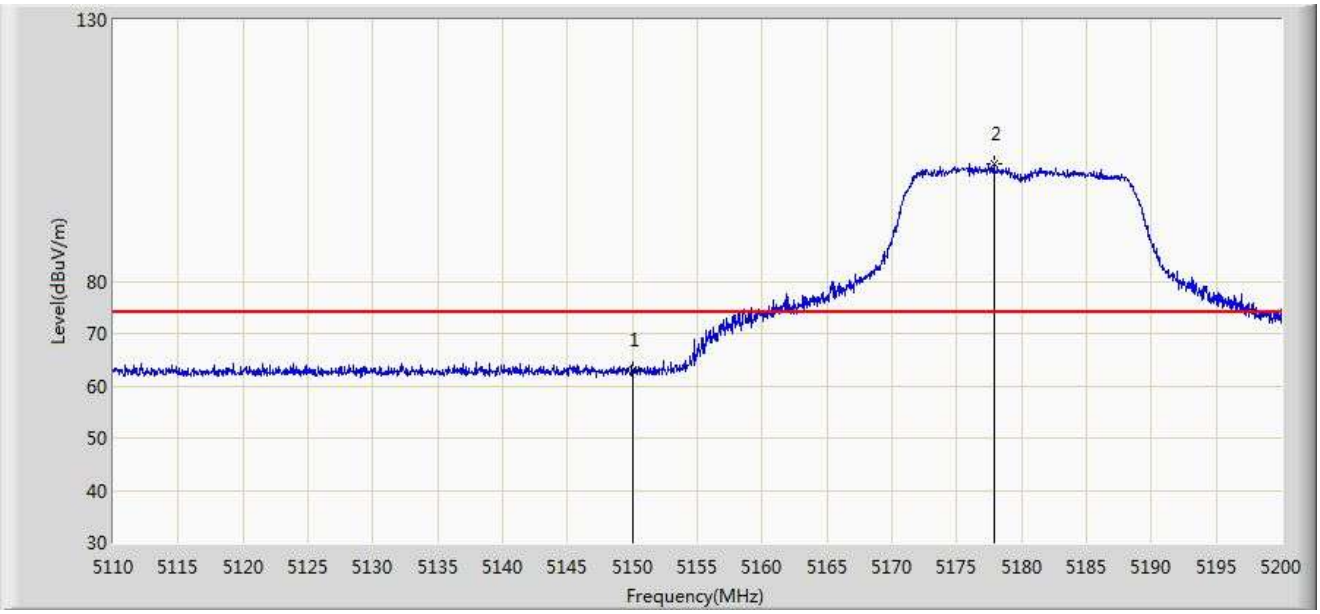


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.062	96.032	57.830	N/A	N/A	38.202	AV
2			5860.000	53.731	15.253	-0.269	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1	

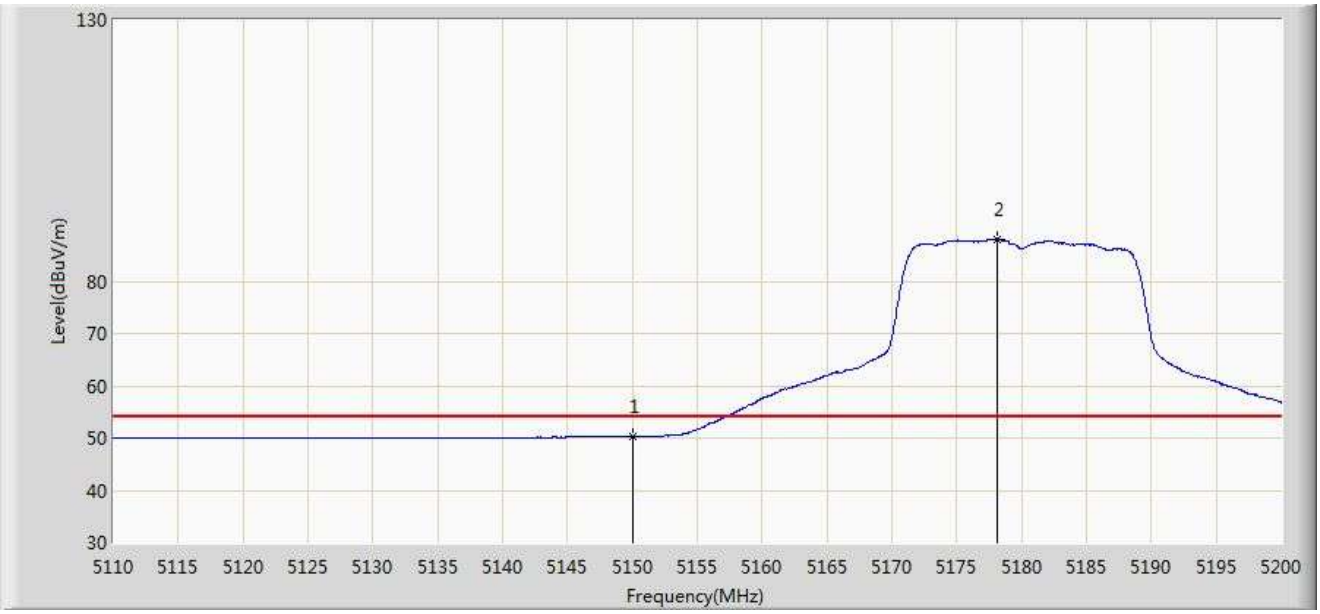


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.938	25.486	-11.062	74.000	37.452	PK
2		*	5177.860	102.602	65.223	N/A	N/A	37.378	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1	

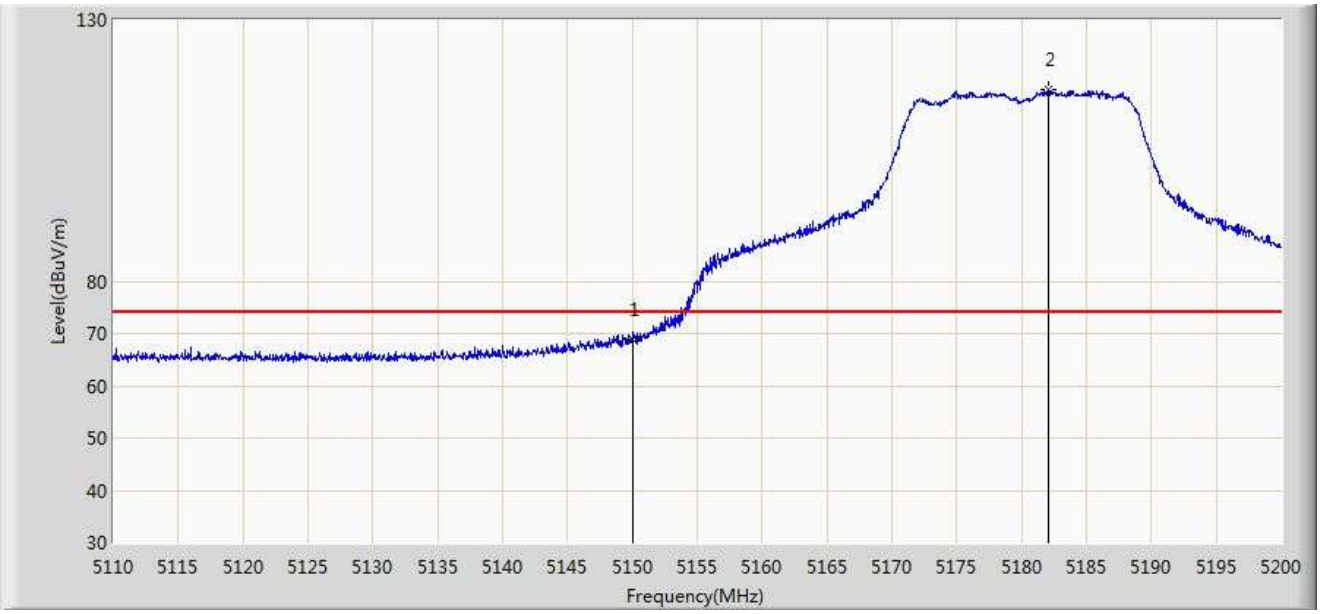


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.276	12.824	-3.724	54.000	37.452	AV
2		*	5178.130	88.104	50.726	N/A	N/A	37.378	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.885	31.433	-5.115	74.000	37.452	PK
2		*	5182.045	116.636	79.267	N/A	N/A	37.369	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

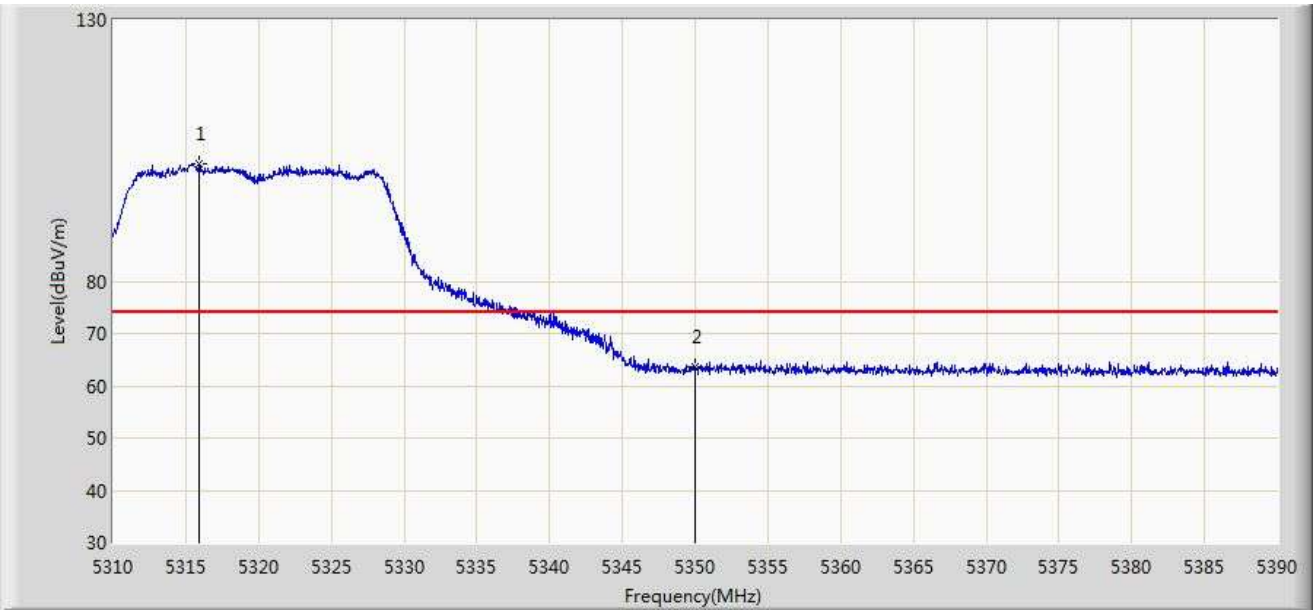
Site: AC1	Time: 2015/05/12 - 01:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.401	15.949	-0.599	54.000	37.452	AV
2		*	5182.315	100.737	63.369	N/A	N/A	37.368	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1	

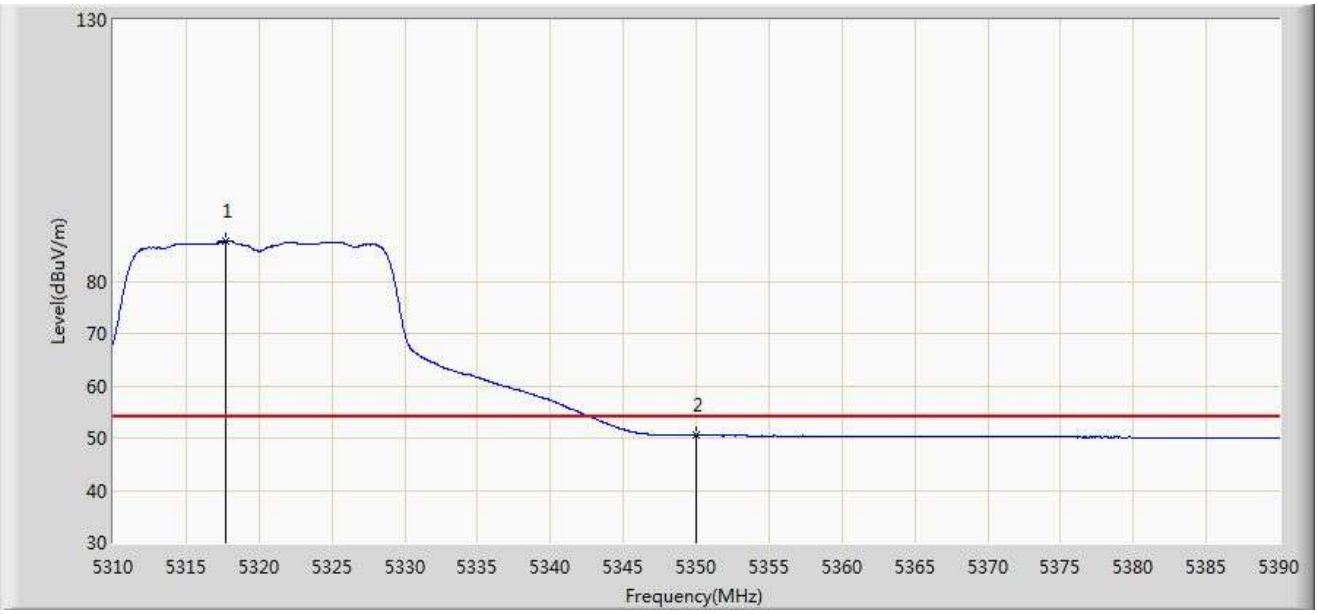


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.920	102.554	65.348	N/A	N/A	37.206	PK
2			5350.000	63.650	26.364	-10.350	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1	

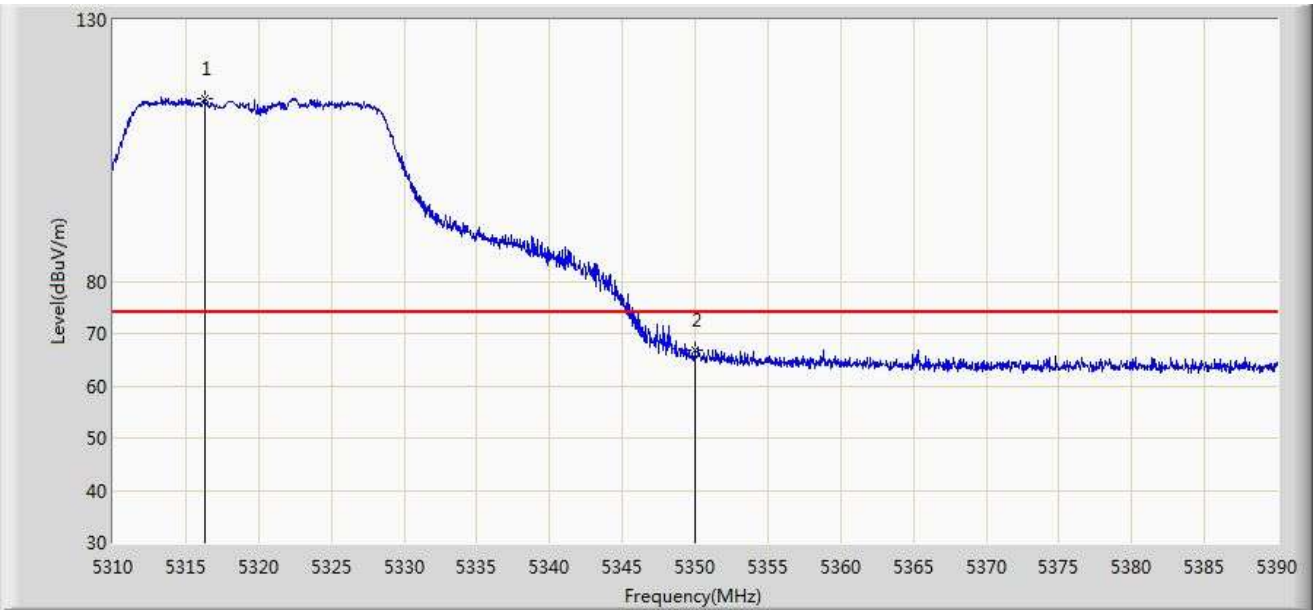


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.680	87.706	50.496	N/A	N/A	37.210	AV
2			5350.000	50.532	13.246	-3.468	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1	

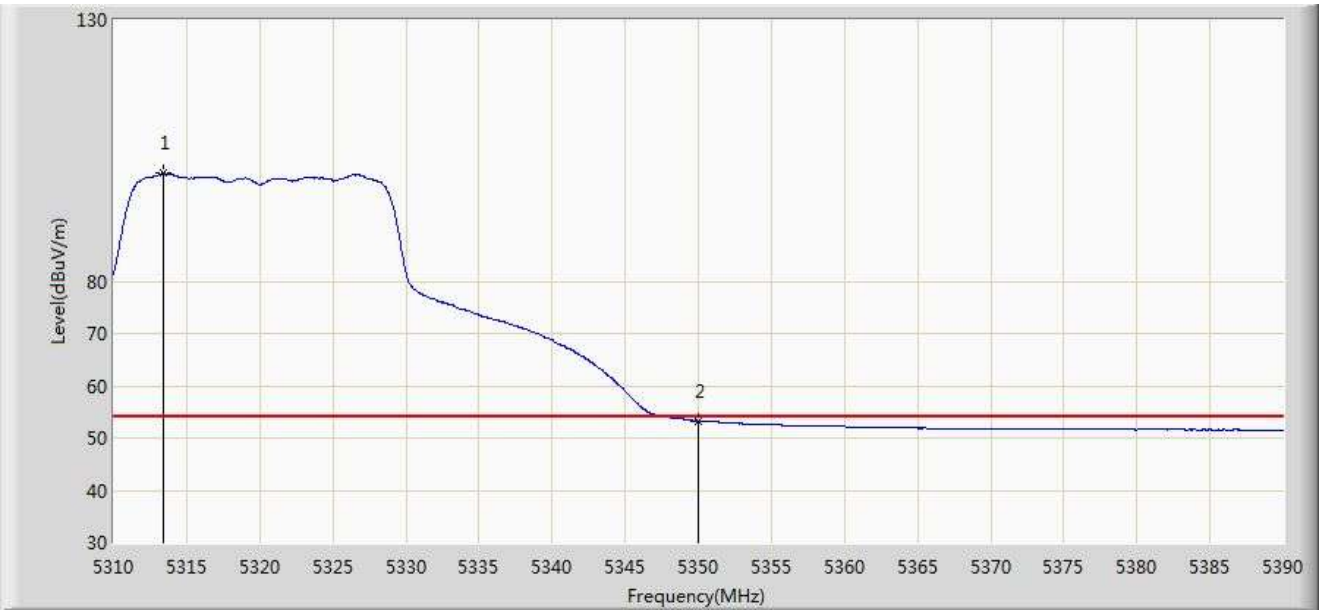


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.280	115.015	77.808	N/A	N/A	37.207	PK
2			5350.000	66.700	29.414	-7.300	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1	

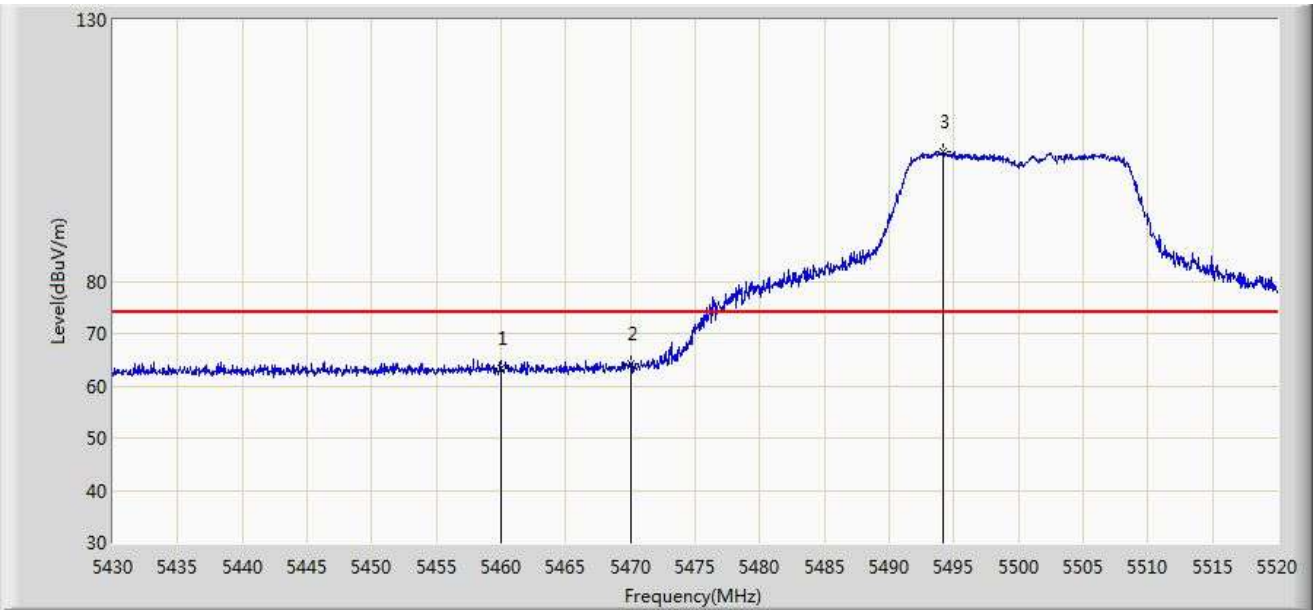


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.400	100.657	63.455	N/A	N/A	37.202	AV
2			5350.000	53.316	16.030	-0.684	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1	

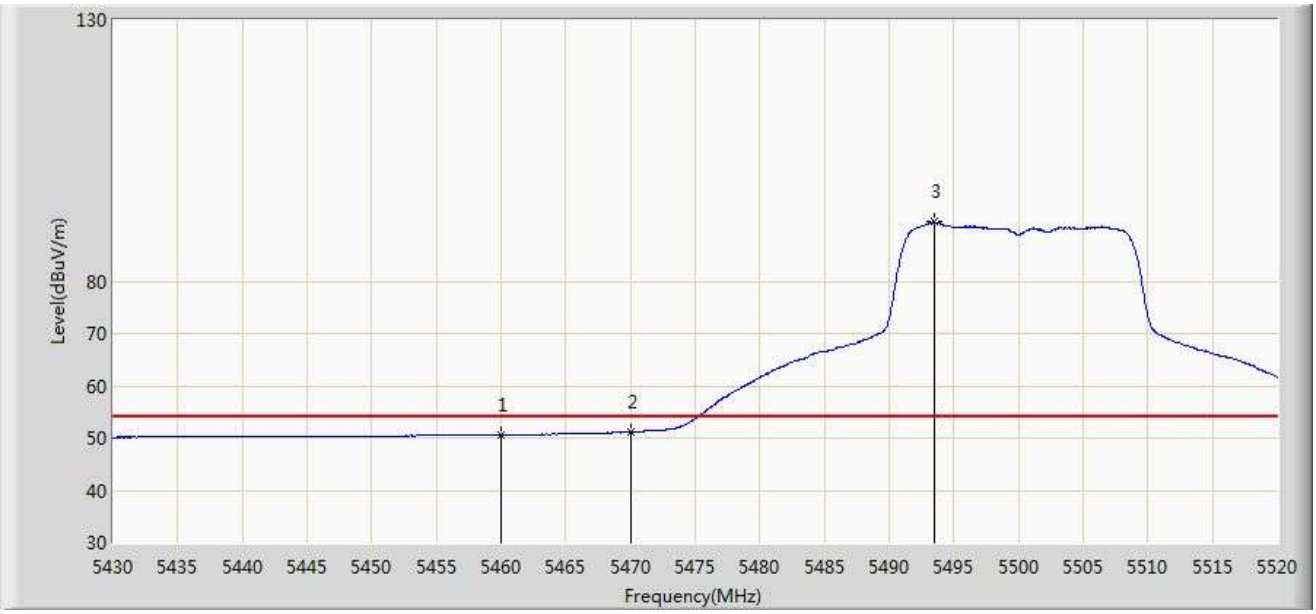


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.267	25.704	-10.733	74.000	37.563	PK
2			5470.000	64.218	26.629	-9.782	74.000	37.588	PK
3		*	5494.215	104.874	67.256	N/A	N/A	37.618	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1	

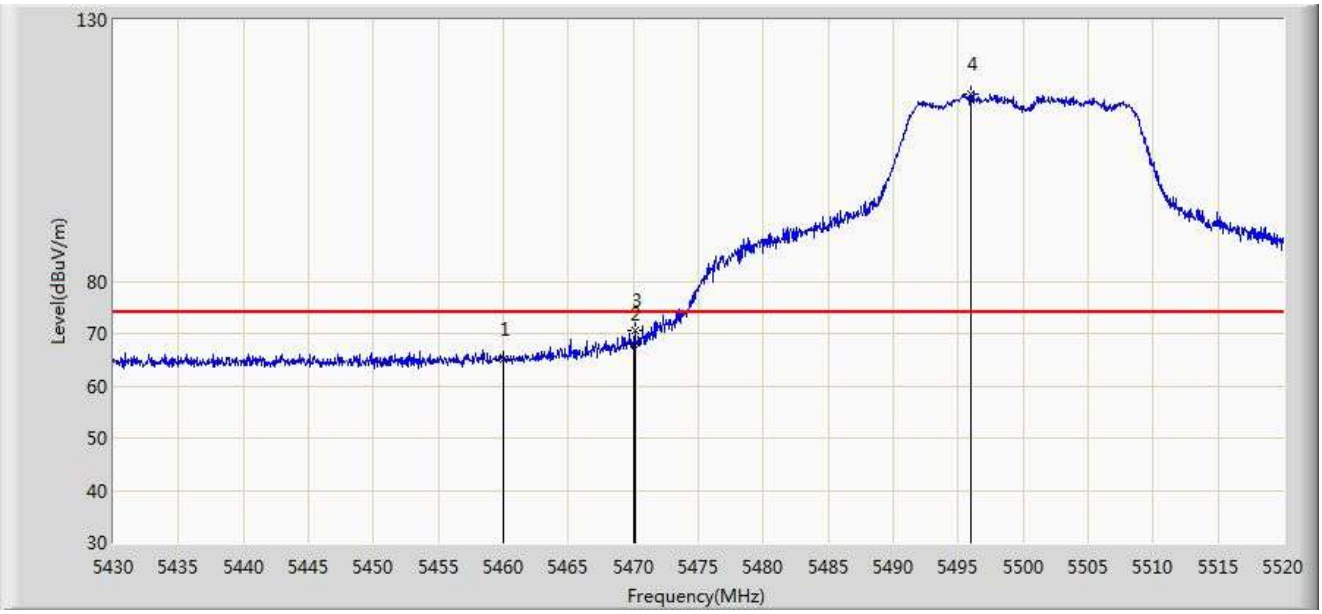


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.591	13.028	-3.409	54.000	37.563	AV
2			5470.000	51.199	13.610	-2.801	54.000	37.588	AV
3		*	5493.450	91.381	53.764	N/A	N/A	37.617	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1	

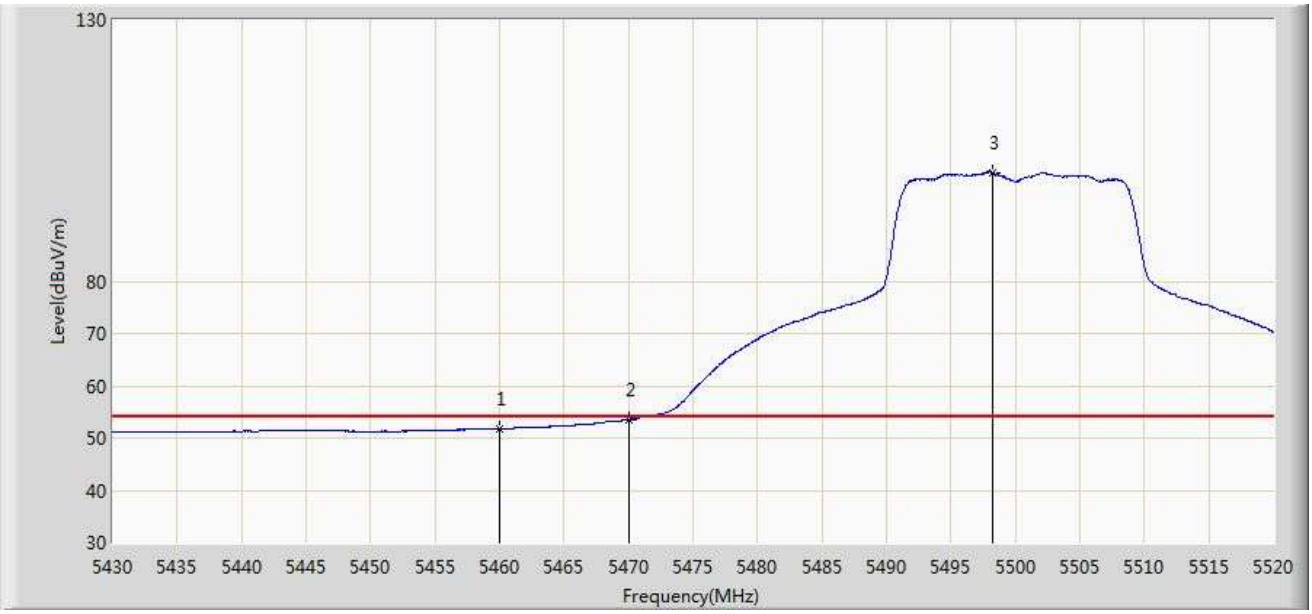


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.136	27.573	-8.864	74.000	37.563	PK
2			5470.000	68.053	30.464	-5.947	74.000	37.588	PK
3			5470.140	70.554	32.965	-3.446	74.000	37.589	PK
4		*	5495.925	115.906	78.286	N/A	N/A	37.620	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1	

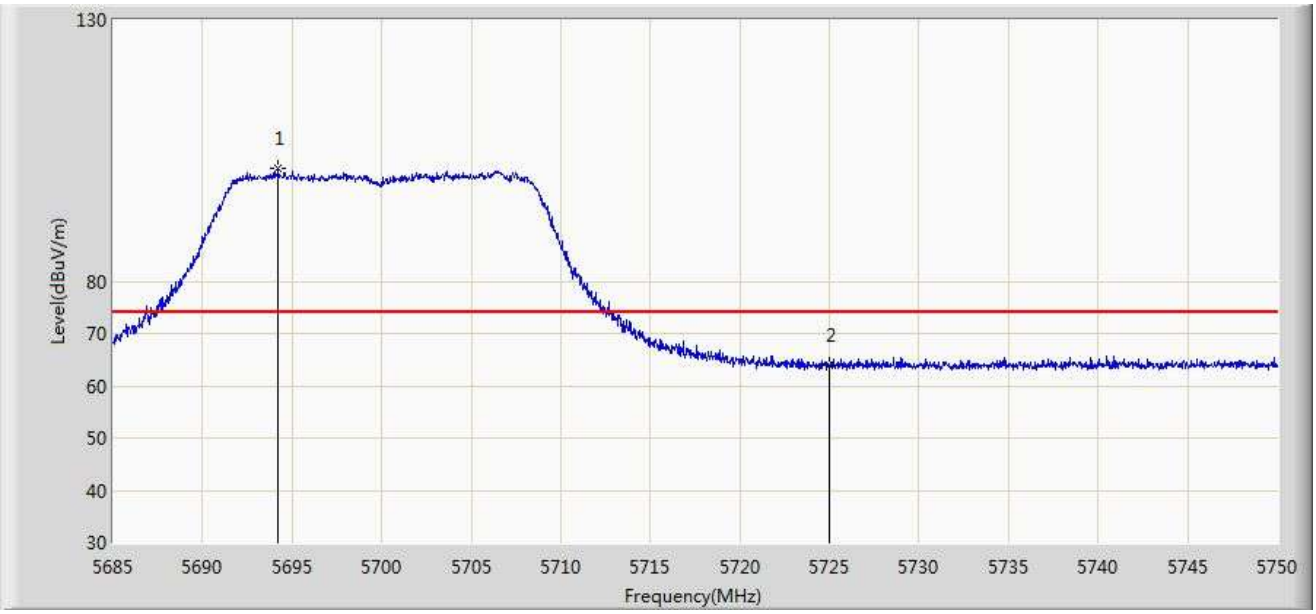


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.786	14.223	-2.214	54.000	37.563	AV
2			5470.000	53.532	15.944	-0.468	54.000	37.588	AV
3		*	5498.265	100.676	63.053	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1	

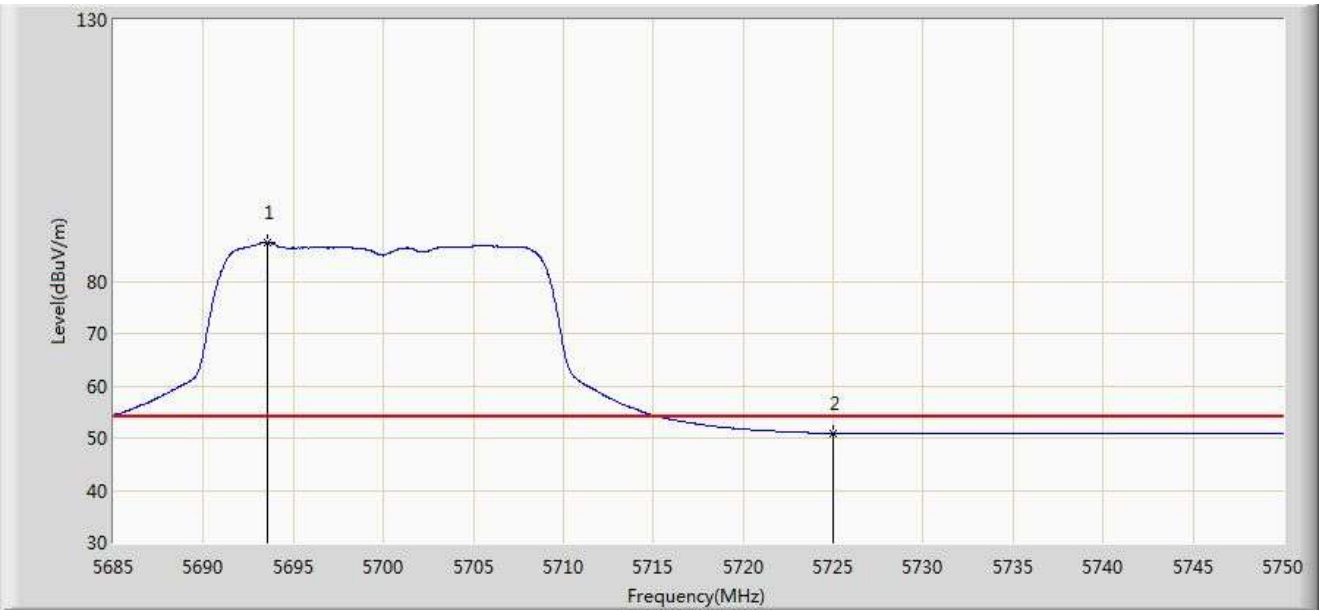


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.230	101.663	63.785	N/A	N/A	37.878	PK
2			5725.000	63.908	25.918	-10.092	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1	

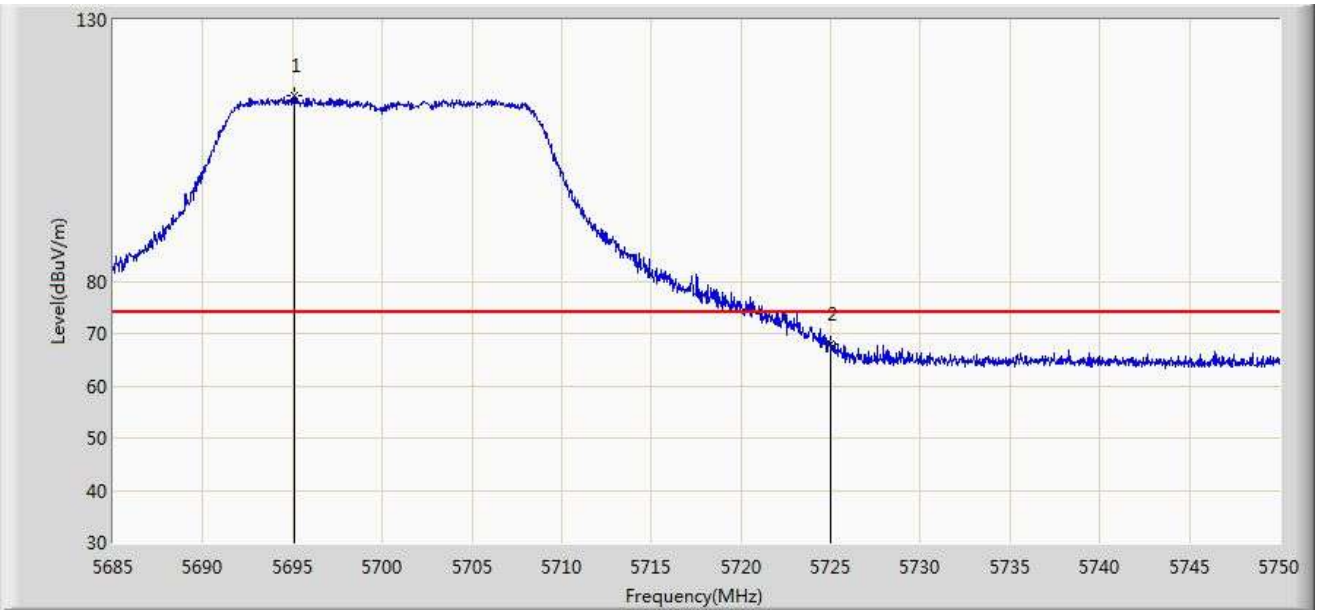


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.547	87.409	49.533	N/A	N/A	37.877	AV
2			5725.000	50.917	12.927	-3.083	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1	

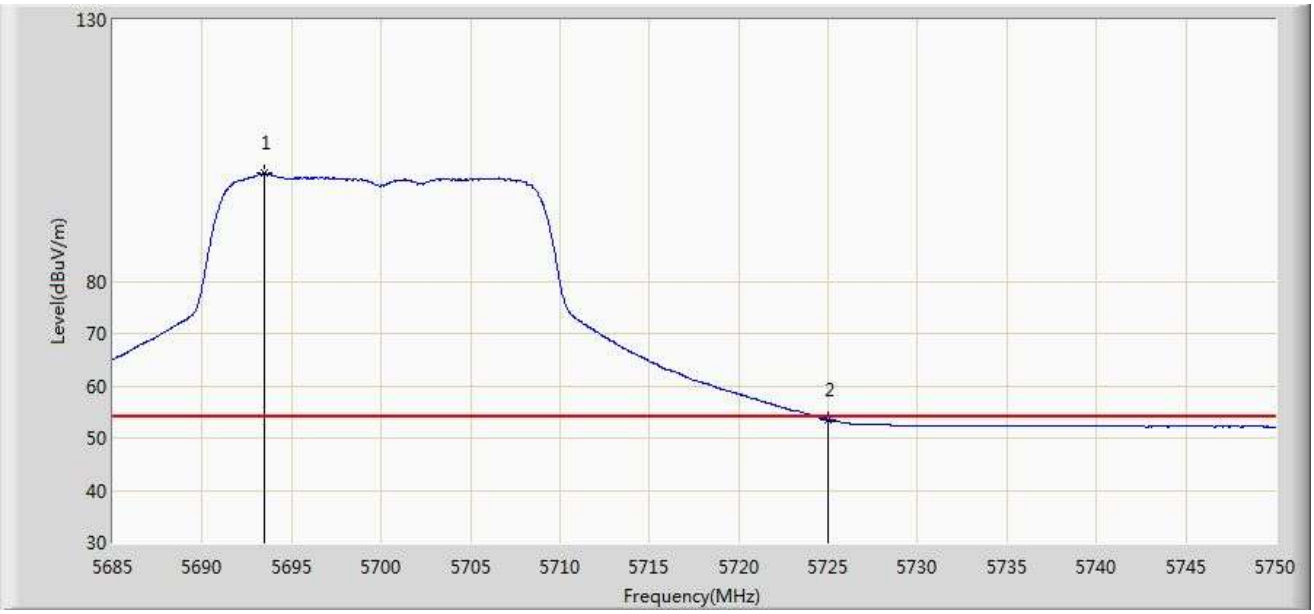


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.107	115.568	77.688	N/A	N/A	37.880	PK
2			5725.000	67.999	30.009	-6.001	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1	

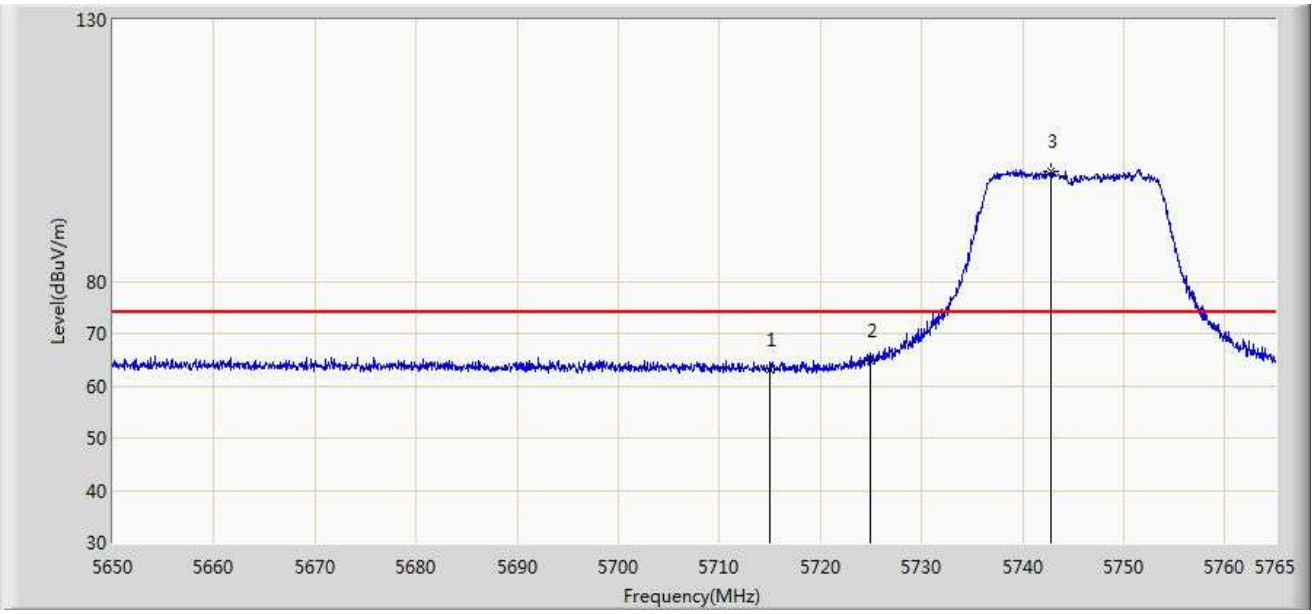


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.450	100.595	62.719	N/A	N/A	37.876	AV
2			5725.000	53.492	15.502	-0.508	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

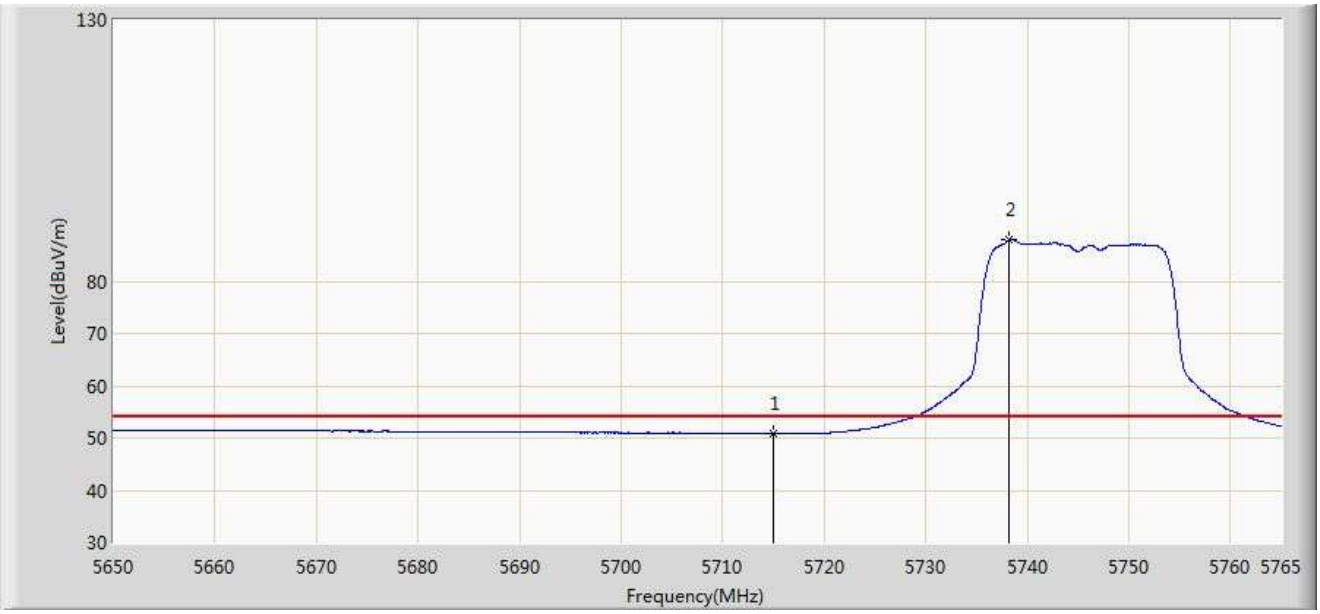


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.983	25.034	-11.017	74.000	37.949	PK
2			5725.000	64.689	26.699	-13.511	78.200	37.990	PK
3		*	5742.862	100.976	62.914	N/A	N/A	38.062	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

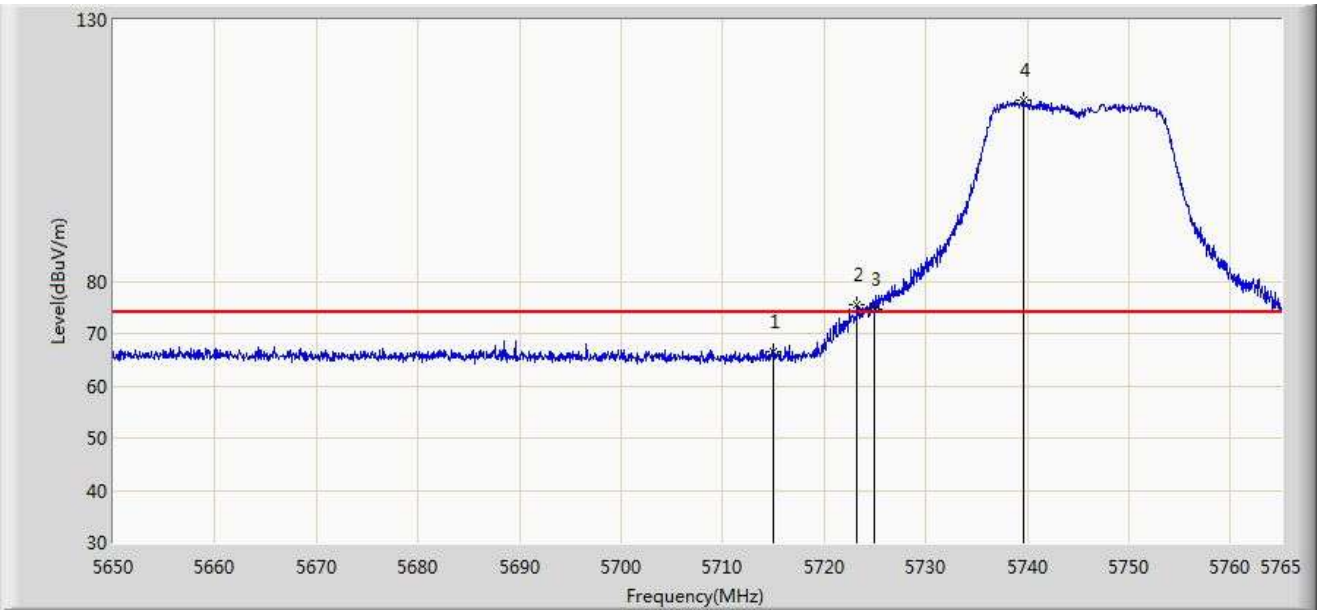


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.886	12.937	-3.114	54.000	37.949	AV
2		*	5738.263	87.953	49.909	N/A	N/A	38.045	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

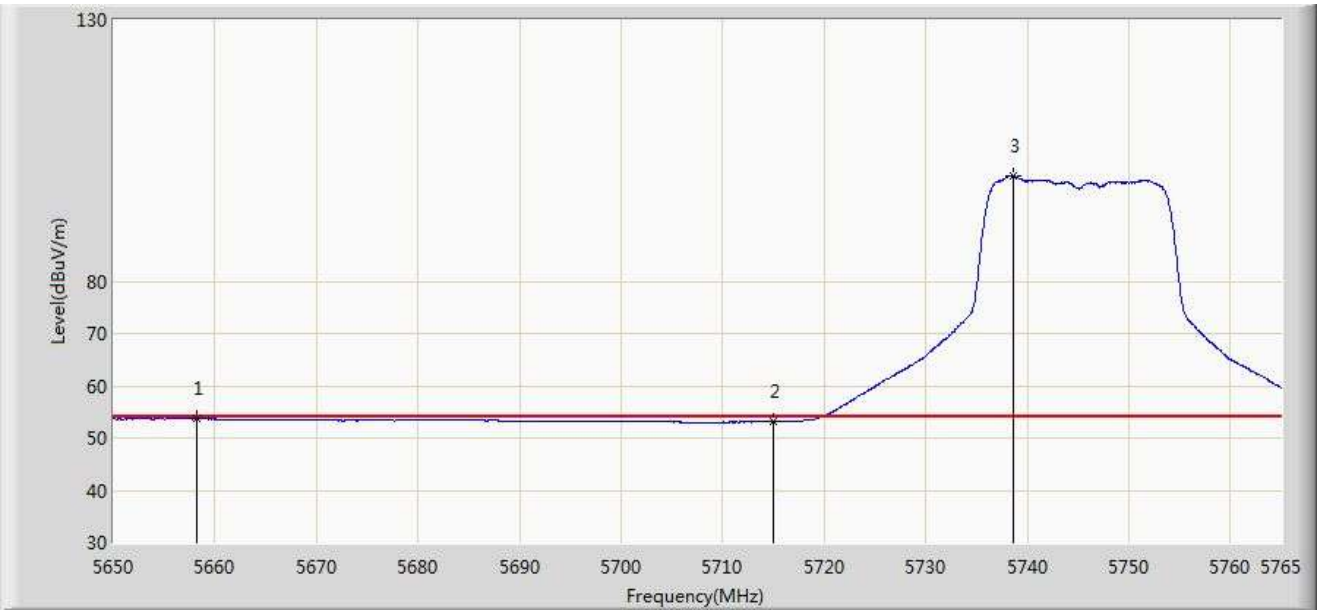


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.409	28.460	-7.591	74.000	37.949	PK
2			5723.255	75.372	37.389	-2.828	78.200	37.982	PK
3			5725.000	74.752	36.762	-3.448	78.200	37.990	PK
4		*	5739.585	114.709	76.660	N/A	N/A	38.049	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

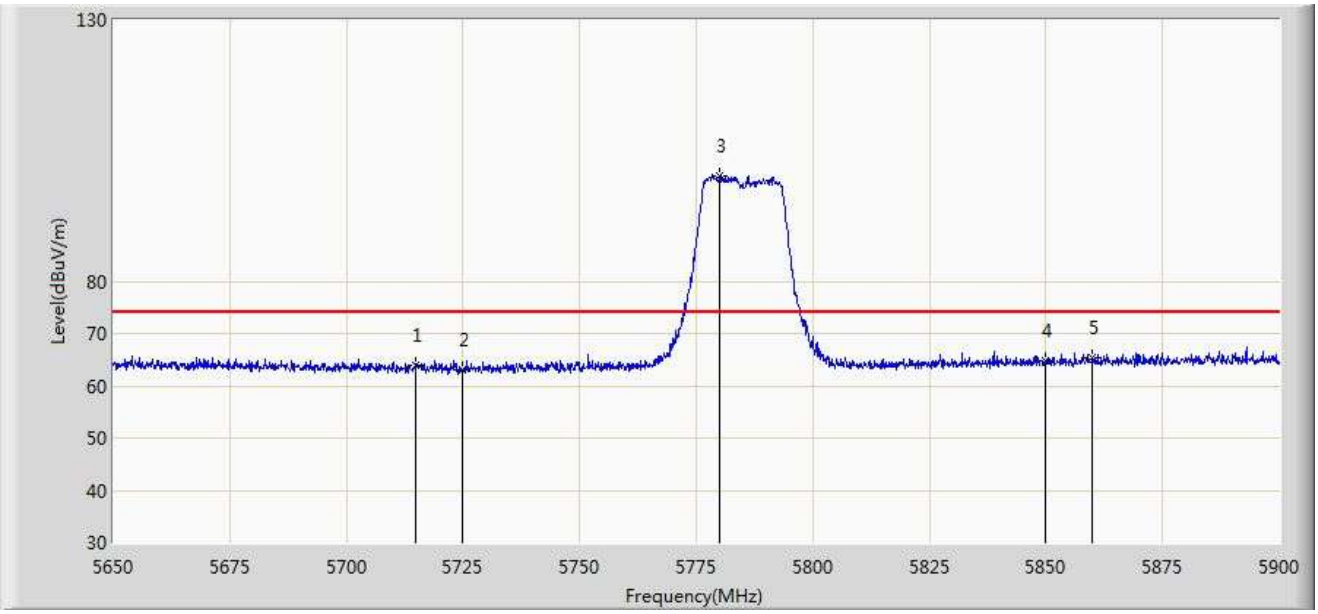


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5658.165	53.632	15.838	-0.368	54.000	37.794	AV
2			5715.000	53.133	15.184	-0.867	54.000	37.949	AV
3		*	5738.665	100.087	62.041	N/A	N/A	38.046	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1	

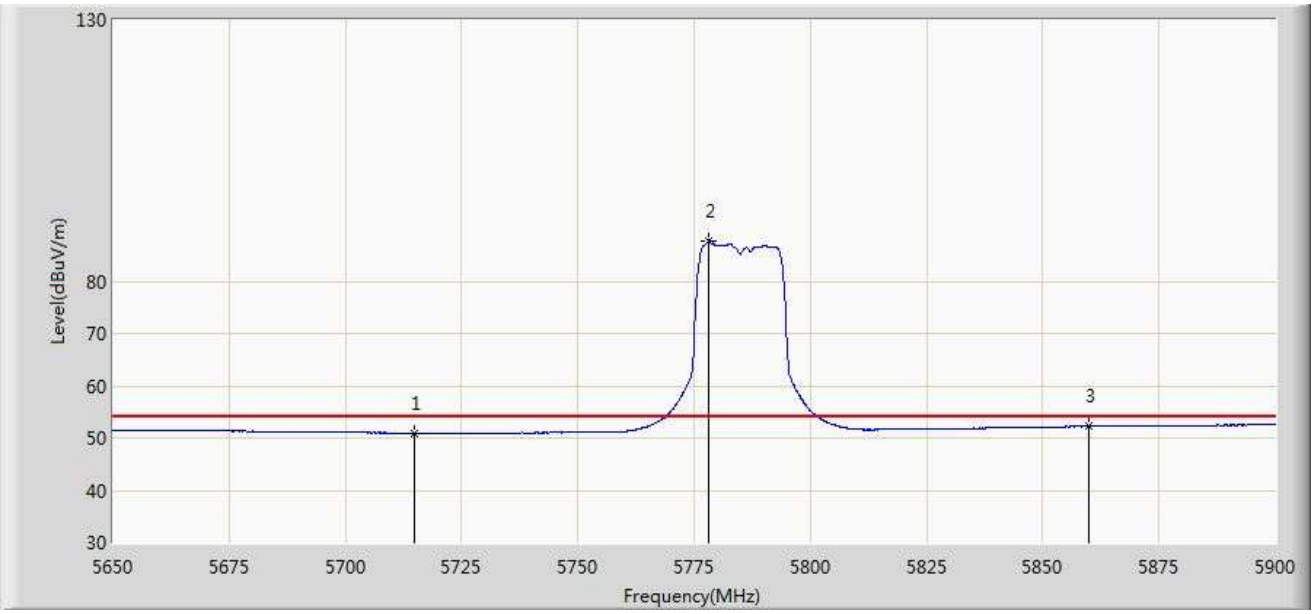


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.882	25.933	-10.118	74.000	37.949	PK
2			5725.000	63.018	25.028	-15.182	78.200	37.990	PK
3		*	5780.125	100.147	61.952	N/A	N/A	38.195	PK
4			5850.000	64.673	26.220	-13.527	78.200	38.454	PK
5			5860.000	65.353	26.875	-8.647	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1	

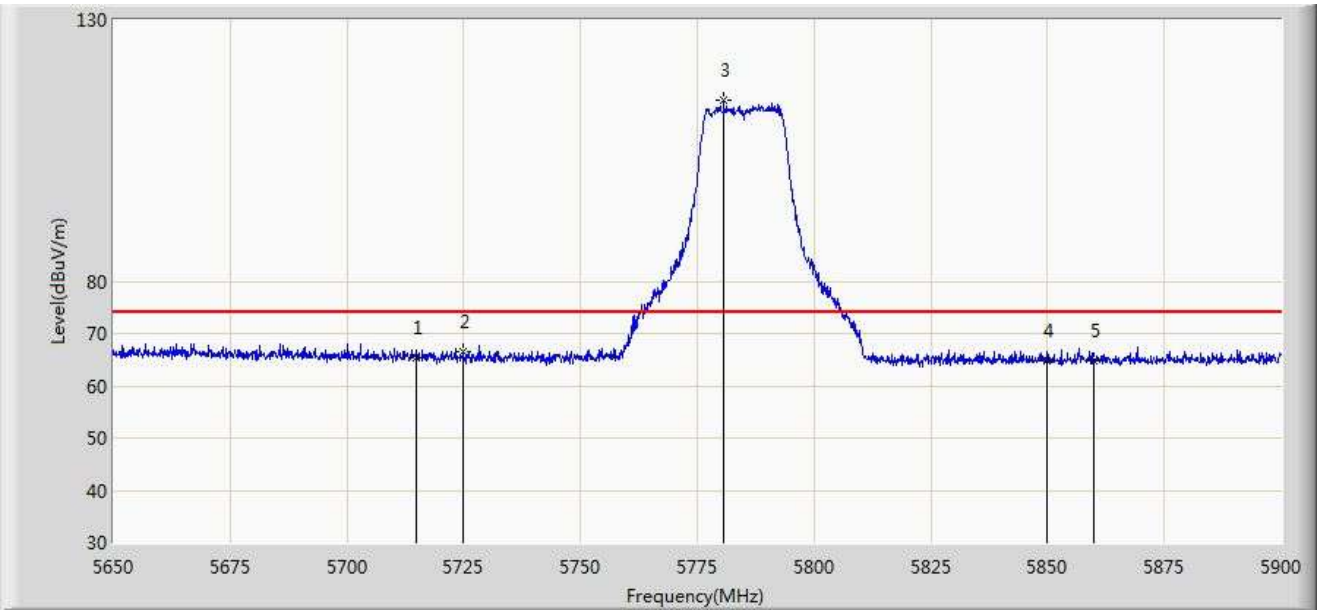


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.948	12.999	-3.052	54.000	37.949	AV
2		*	5778.125	87.666	49.479	N/A	N/A	38.188	AV
3			5860.000	52.233	13.755	-1.767	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1	

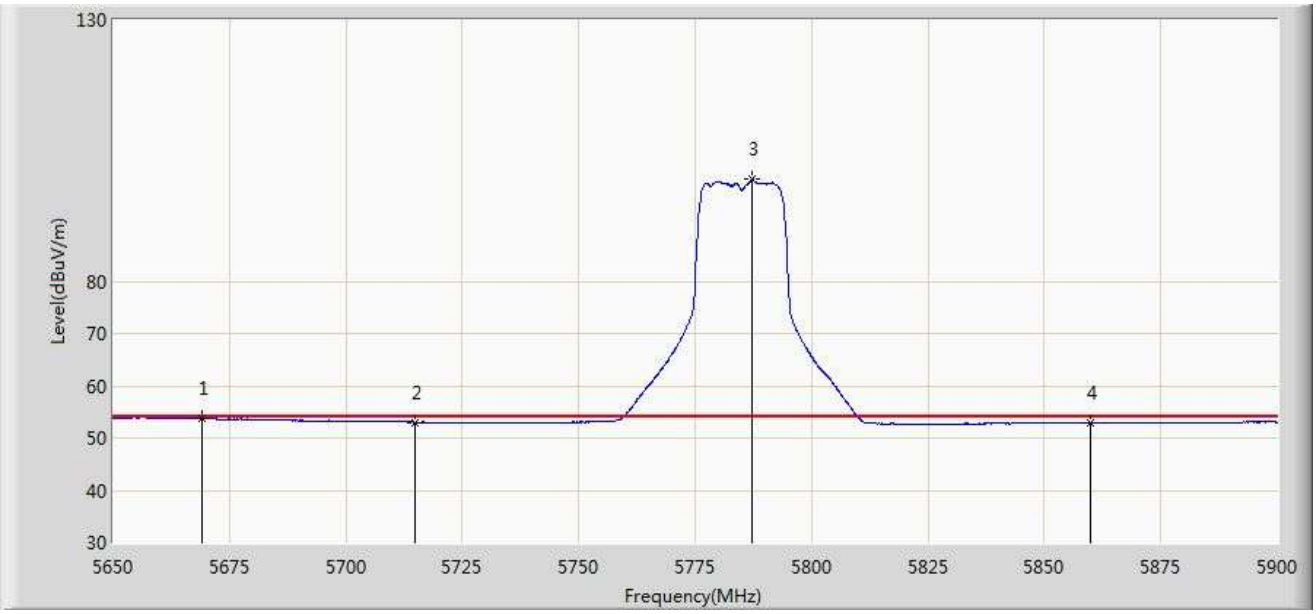


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.220	27.271	-8.780	74.000	37.949	PK
2			5725.000	66.519	28.529	-11.681	78.200	37.990	PK
3		*	5780.625	114.582	76.385	N/A	N/A	38.197	PK
4			5850.000	64.808	26.355	-13.392	78.200	38.454	PK
5			5860.000	64.857	26.379	-9.143	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 01:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1	

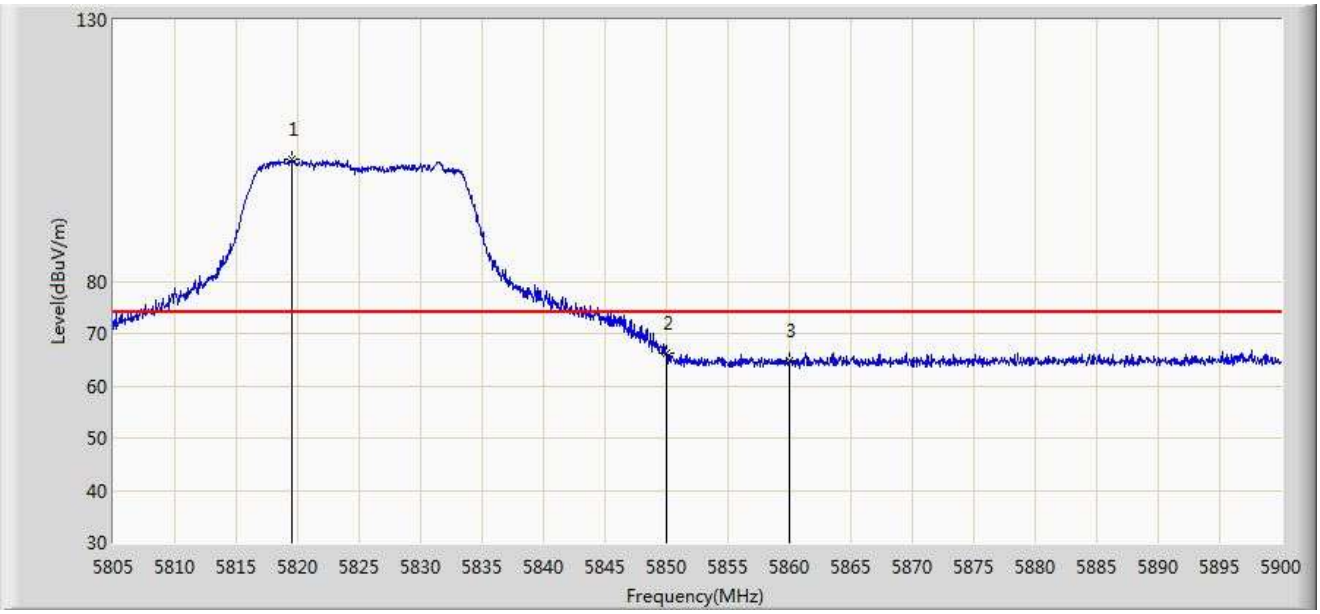


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5669.250	53.810	16.002	-0.190	54.000	37.809	AV
2			5715.000	53.032	15.083	-0.968	54.000	37.949	AV
3		*	5787.250	99.431	61.210	N/A	N/A	38.220	AV
4			5860.000	52.857	14.379	-1.143	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

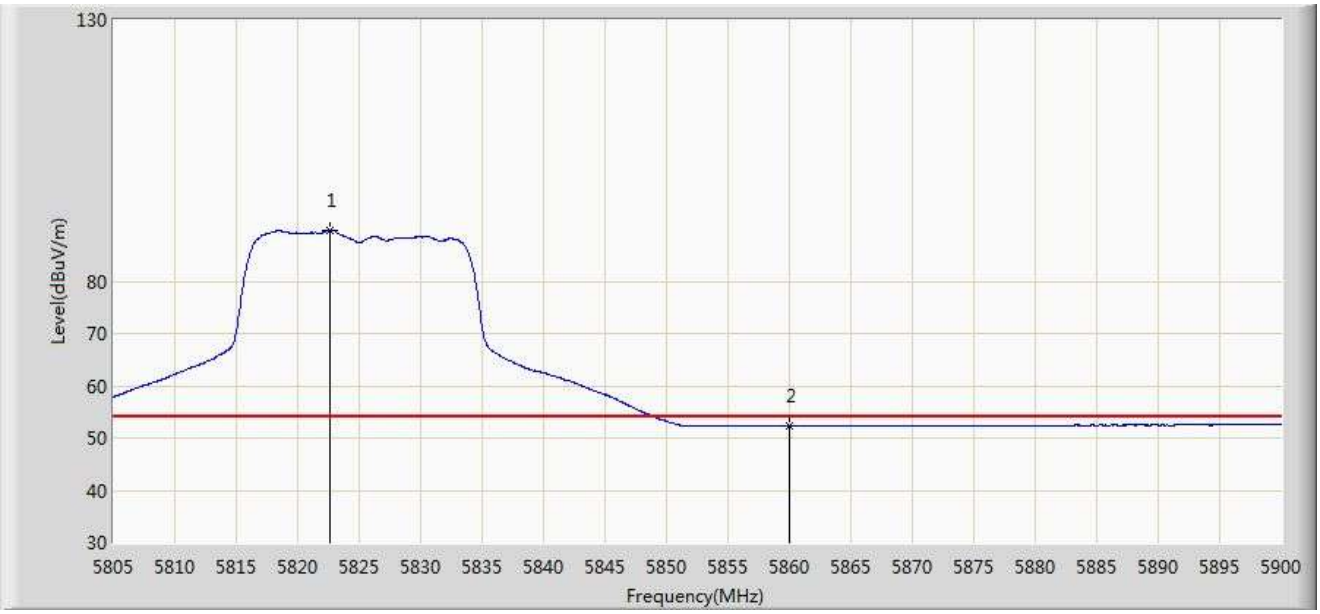


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.487	103.413	65.080	N/A	N/A	38.332	PK
2			5850.000	66.216	27.763	-11.984	78.200	38.454	PK
3			5860.000	64.672	26.194	-9.328	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

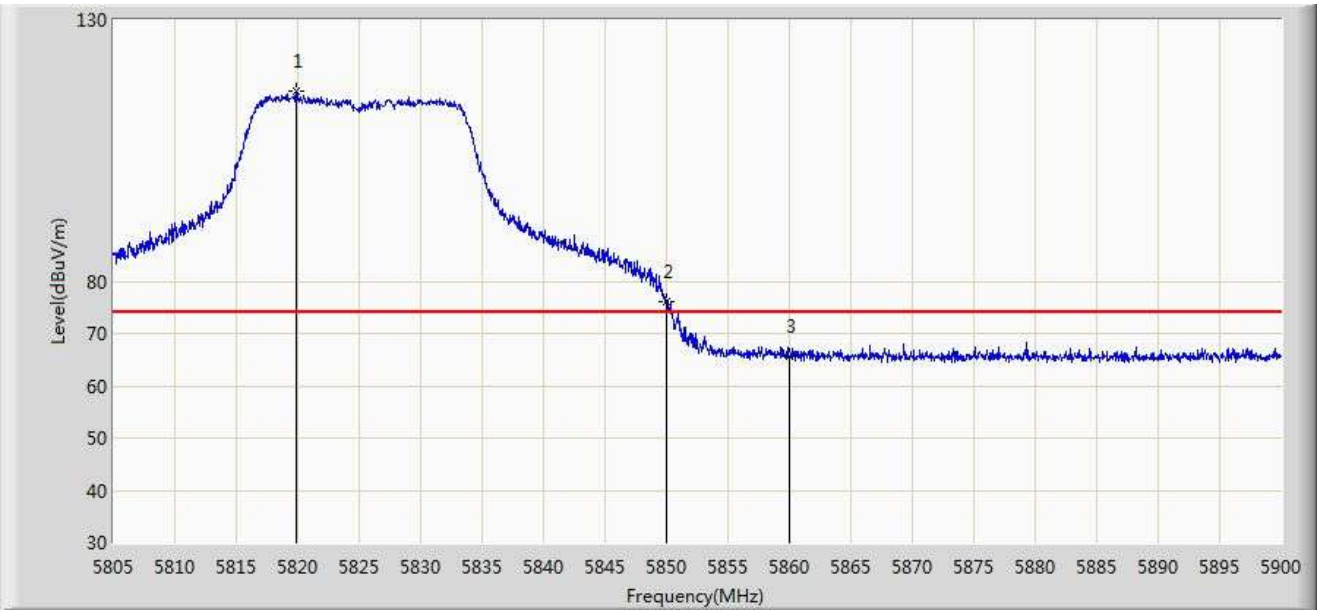


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.670	89.802	51.456	N/A	N/A	38.346	AV
2			5860.000	52.278	13.800	-1.722	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

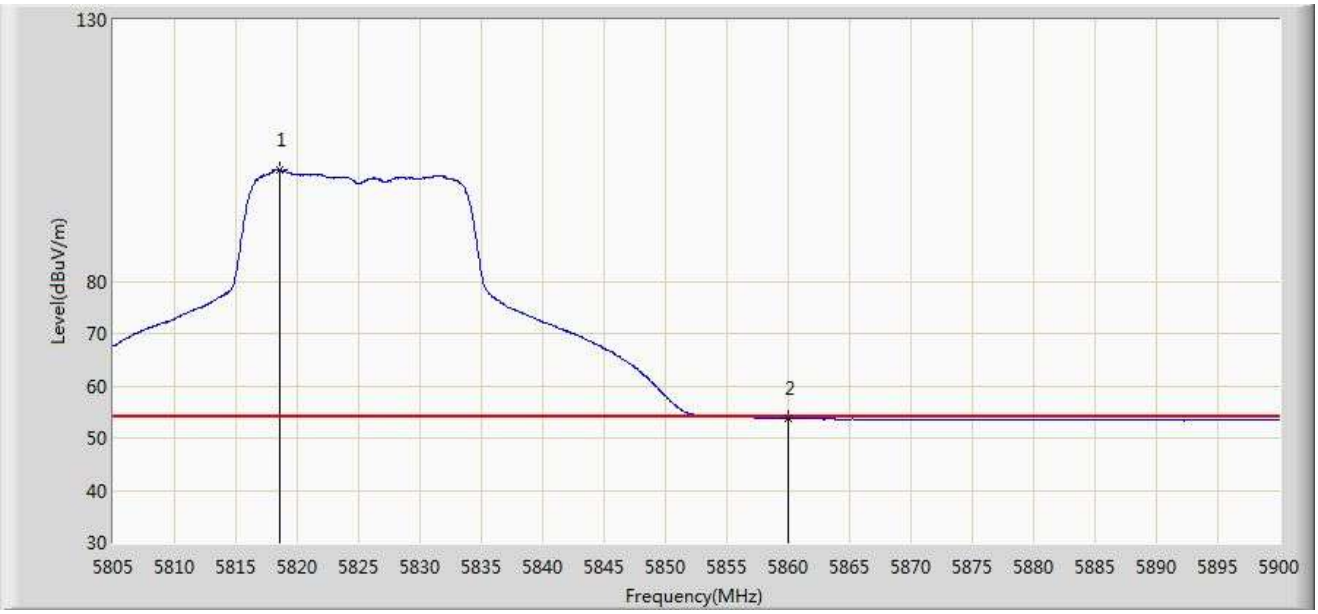


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.915	116.248	77.914	N/A	N/A	38.335	PK
2			5850.000	76.054	37.601	-2.146	78.200	38.454	PK
3			5860.000	65.629	27.151	-8.371	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

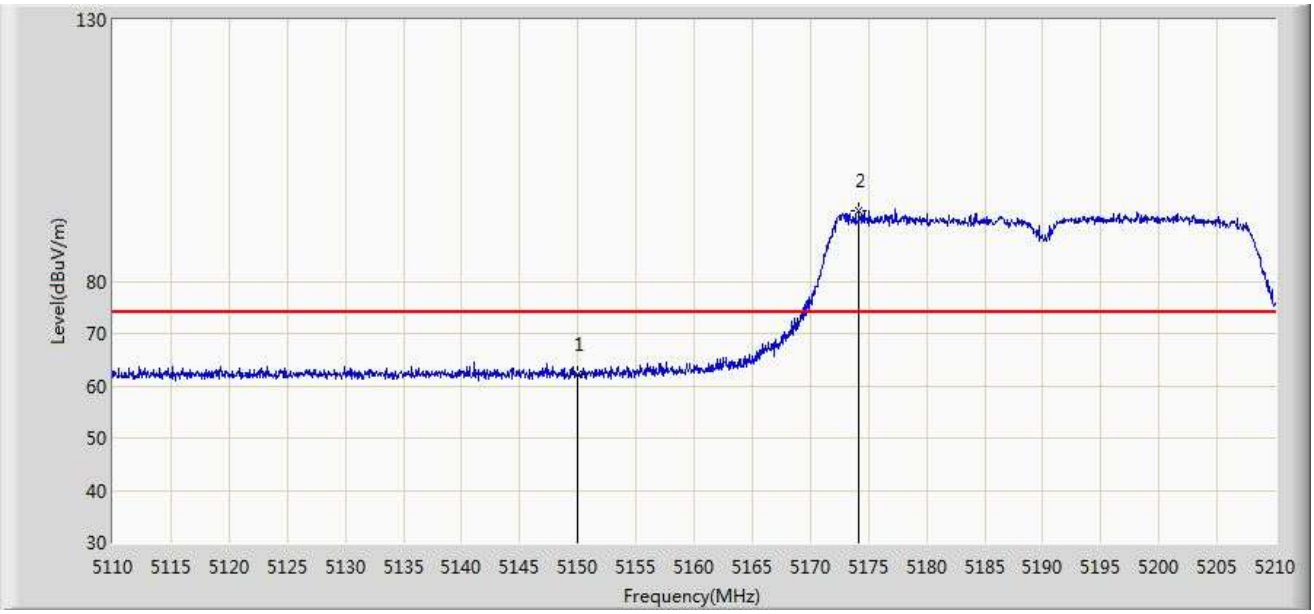


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.538	101.350	63.021	N/A	N/A	38.329	AV
2			5860.000	53.836	15.358	-0.164	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1	

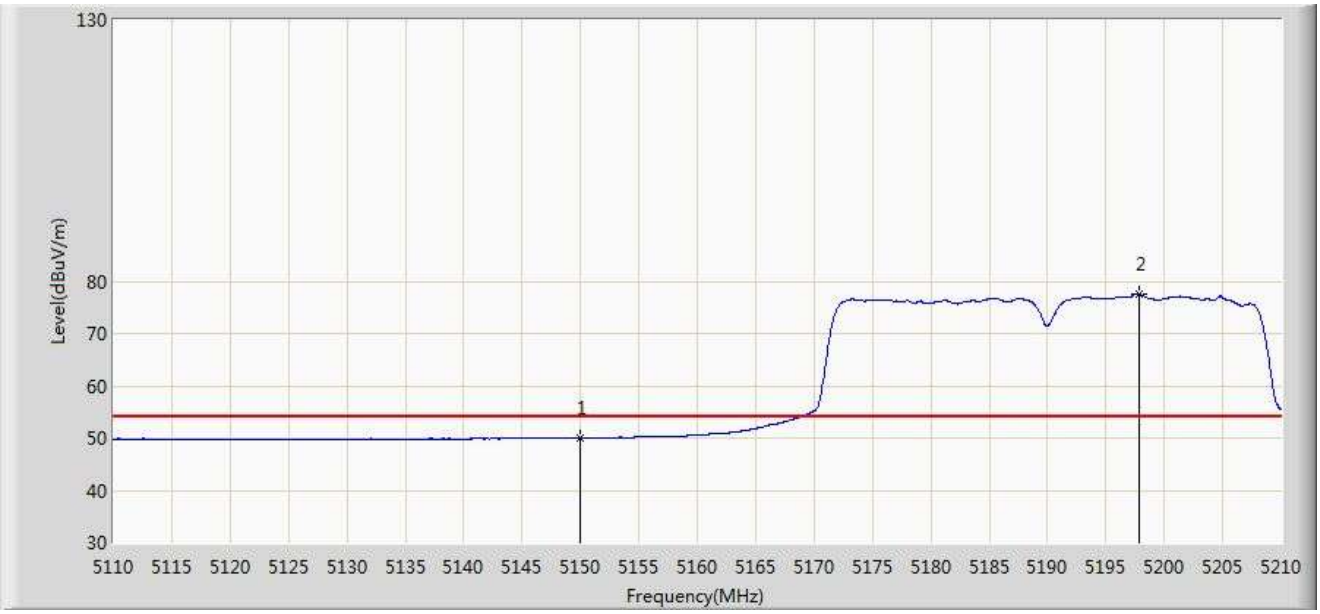


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.222	24.770	-11.778	74.000	37.452	PK
2		*	5174.200	93.463	56.076	N/A	N/A	37.387	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1	

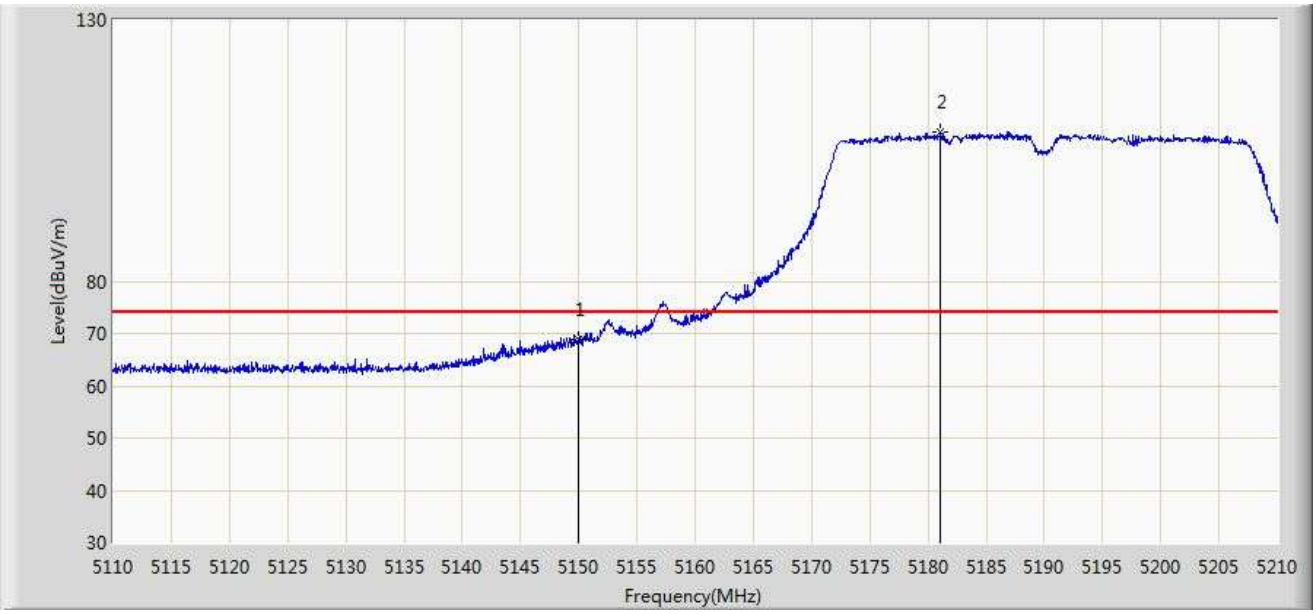


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.974	12.522	-4.026	54.000	37.452	AV
2		*	5197.800	77.510	40.179	N/A	N/A	37.331	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.860	31.408	-5.140	74.000	37.452	PK
2		*	5181.050	108.622	71.251	N/A	N/A	37.371	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

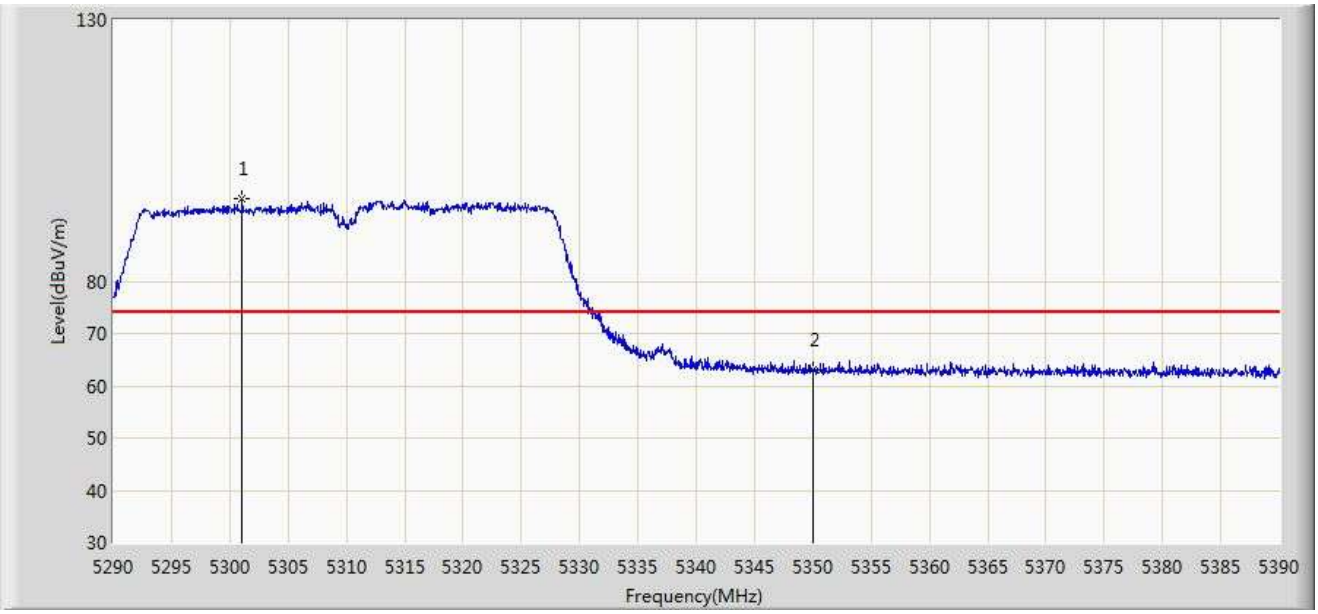
Site: AC1	Time: 2015/05/12 - 02:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.750	16.298	-0.250	54.000	37.452	AV
2		*	5181.300	90.724	53.353	N/A	N/A	37.371	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1	

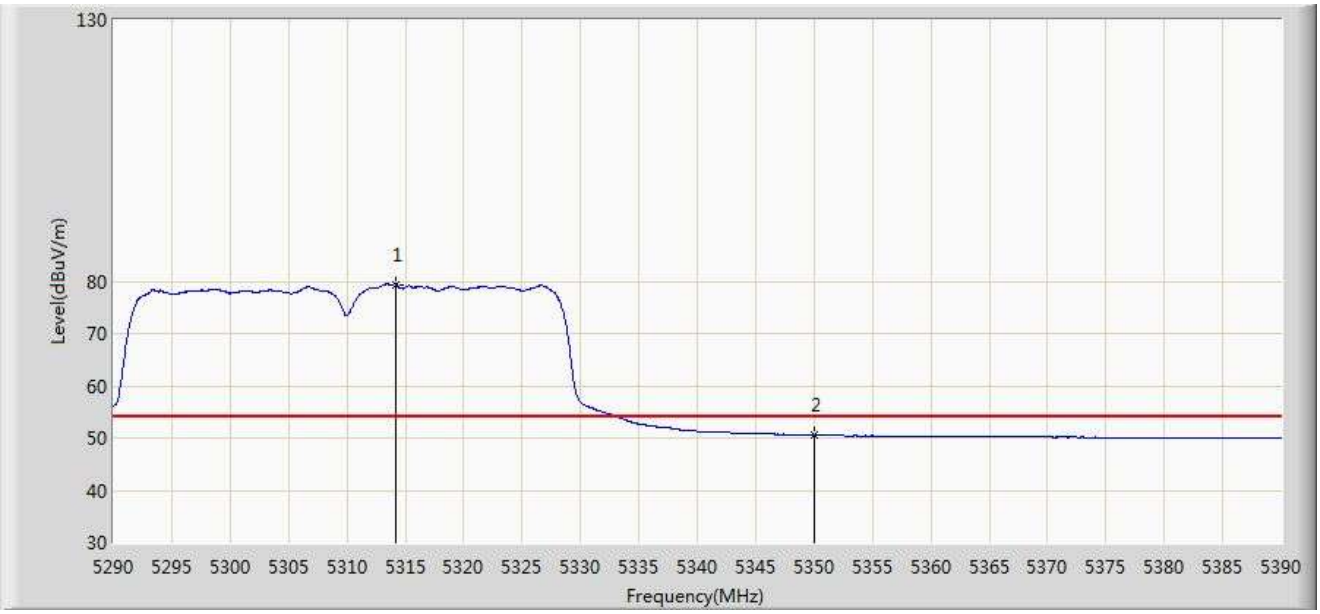


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.050	95.690	58.502	N/A	N/A	37.188	PK
2			5350.000	62.958	25.672	-11.042	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1	

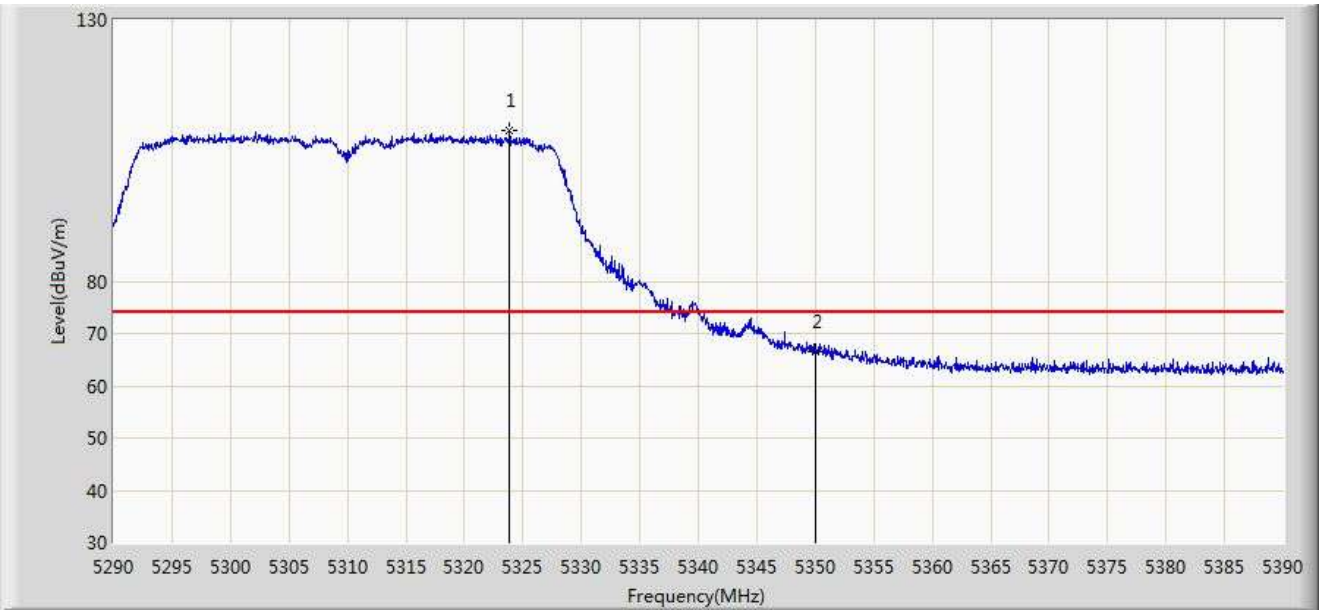


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.200	79.278	42.075	N/A	N/A	37.203	AV
2			5350.000	50.549	13.263	-3.451	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.850	108.764	71.544	N/A	N/A	37.221	PK
2			5350.000	66.544	29.258	-7.456	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

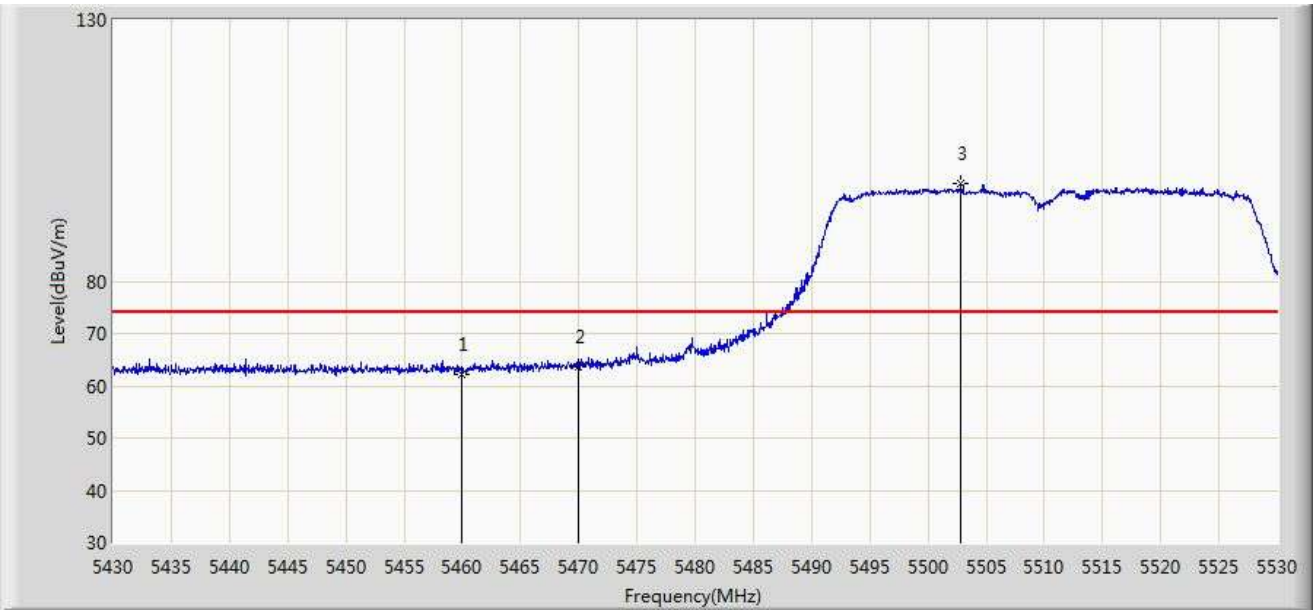
Site: AC1	Time: 2015/05/12 - 02:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.600	90.724	53.541	N/A	N/A	37.183	AV
2			5350.000	53.450	16.164	-0.550	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1	

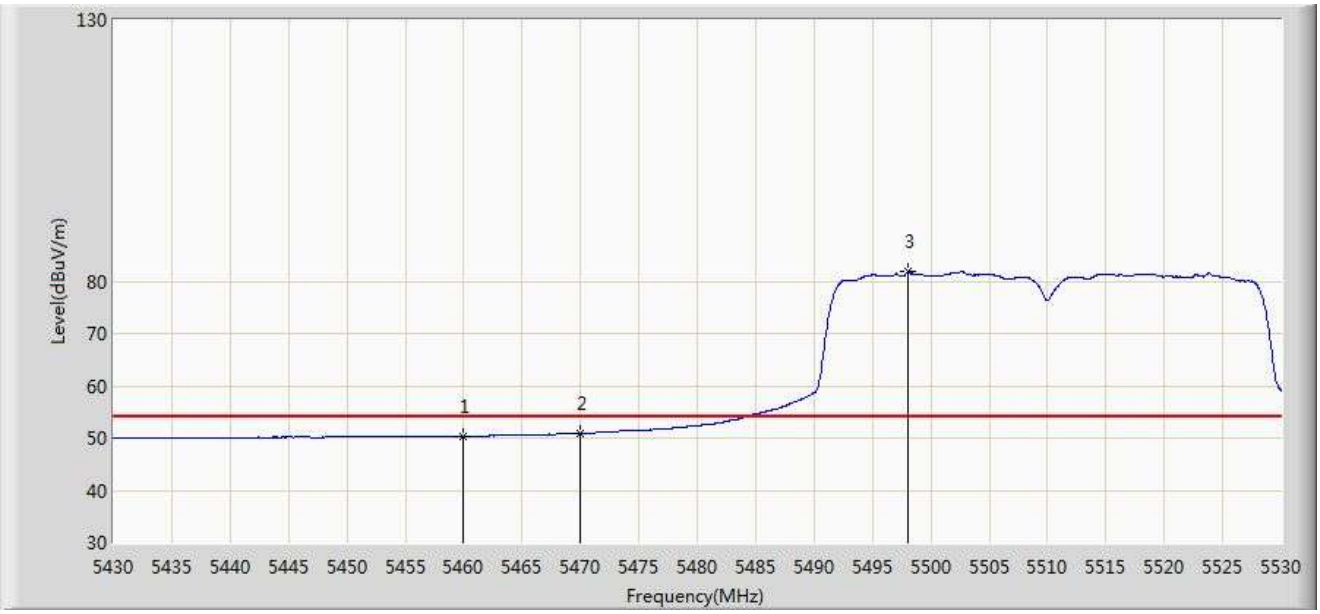


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.299	24.736	-11.701	74.000	37.563	PK
2			5470.000	63.740	26.151	-10.260	74.000	37.588	PK
3		*	5502.800	98.808	61.181	N/A	N/A	37.628	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1	

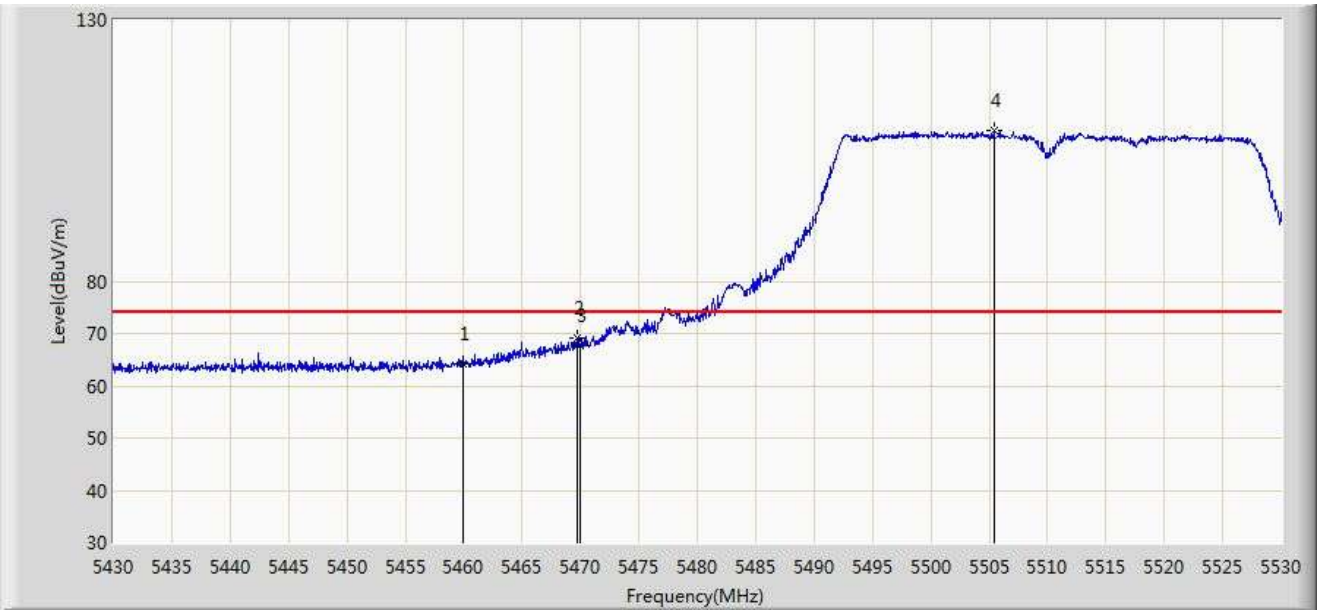


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.368	12.805	-3.632	54.000	37.563	AV
2			5470.000	50.914	13.325	-3.086	54.000	37.588	AV
3		*	5498.100	81.787	44.165	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.185	26.622	-9.815	74.000	37.563	PK
2			5469.750	69.230	31.642	-4.770	74.000	37.588	PK
3			5470.000	67.624	30.035	-6.376	74.000	37.588	PK
4		*	5505.400	108.820	71.190	N/A	N/A	37.630	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

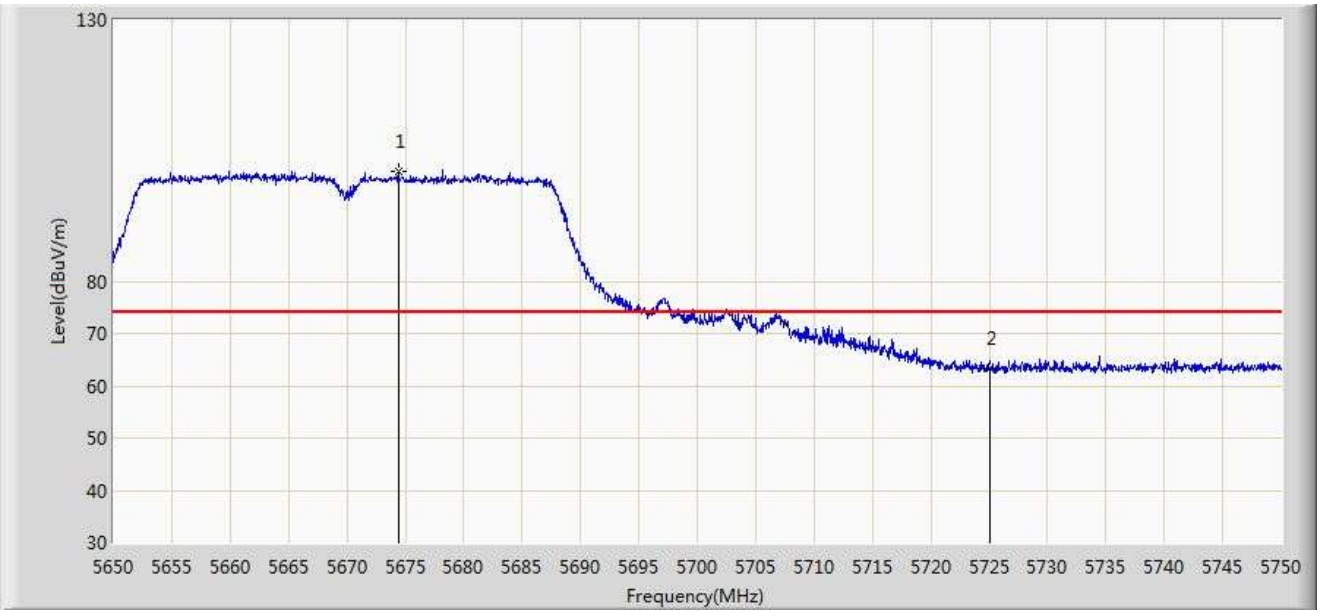
Site: AC1	Time: 2015/05/12 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.525	13.962	-2.475	54.000	37.563	AV
2			5470.000	53.875	16.286	-0.125	54.000	37.588	AV
3		*	5506.350	91.648	54.017	N/A	N/A	37.631	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1	

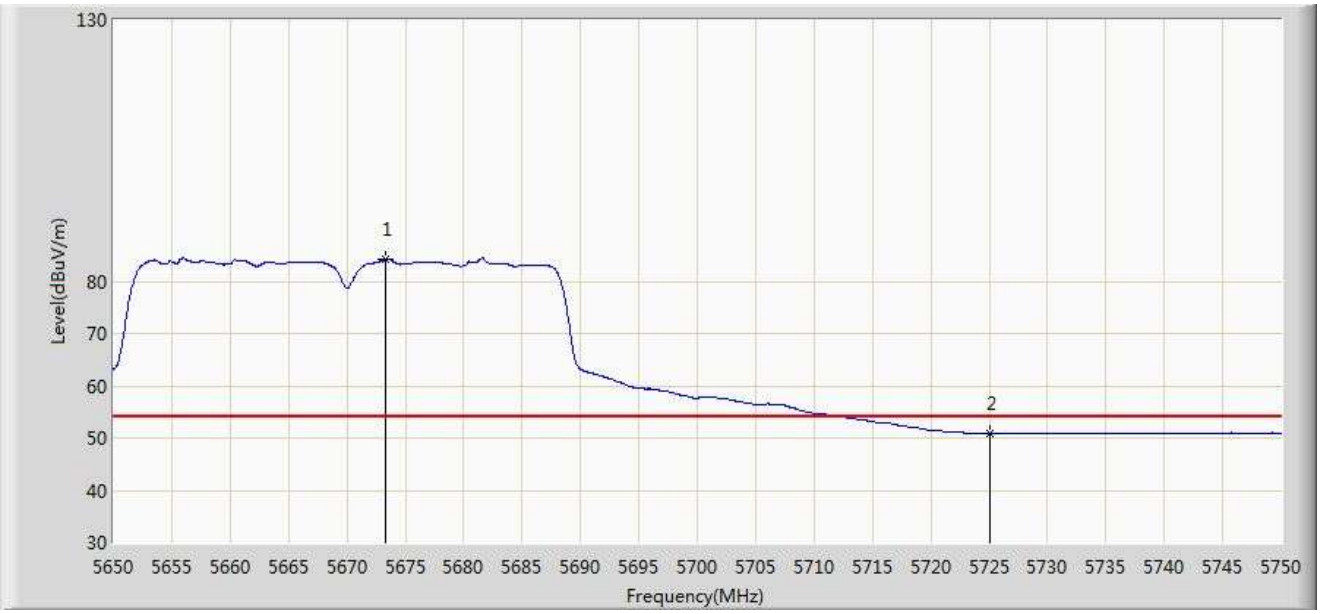


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5674.400	101.035	63.220	N/A	N/A	37.815	PK
2			5725.000	63.435	25.445	-10.565	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1	

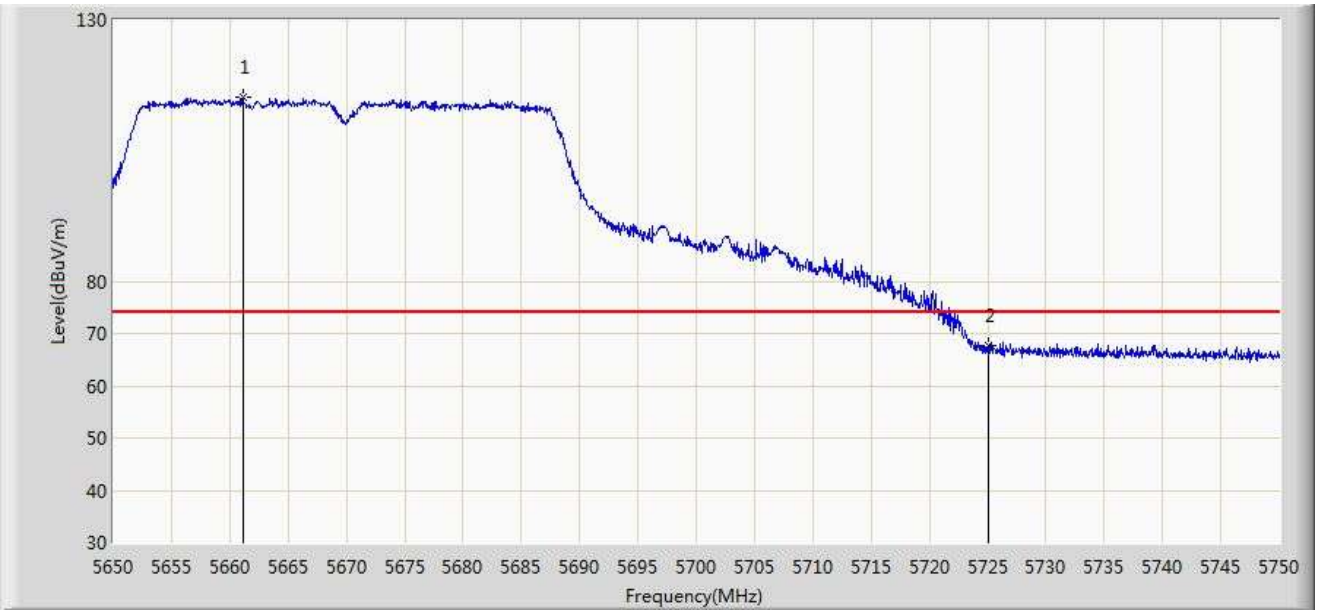


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5673.300	84.219	46.405	N/A	N/A	37.813	AV
2			5725.000	50.943	12.953	-3.057	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1	

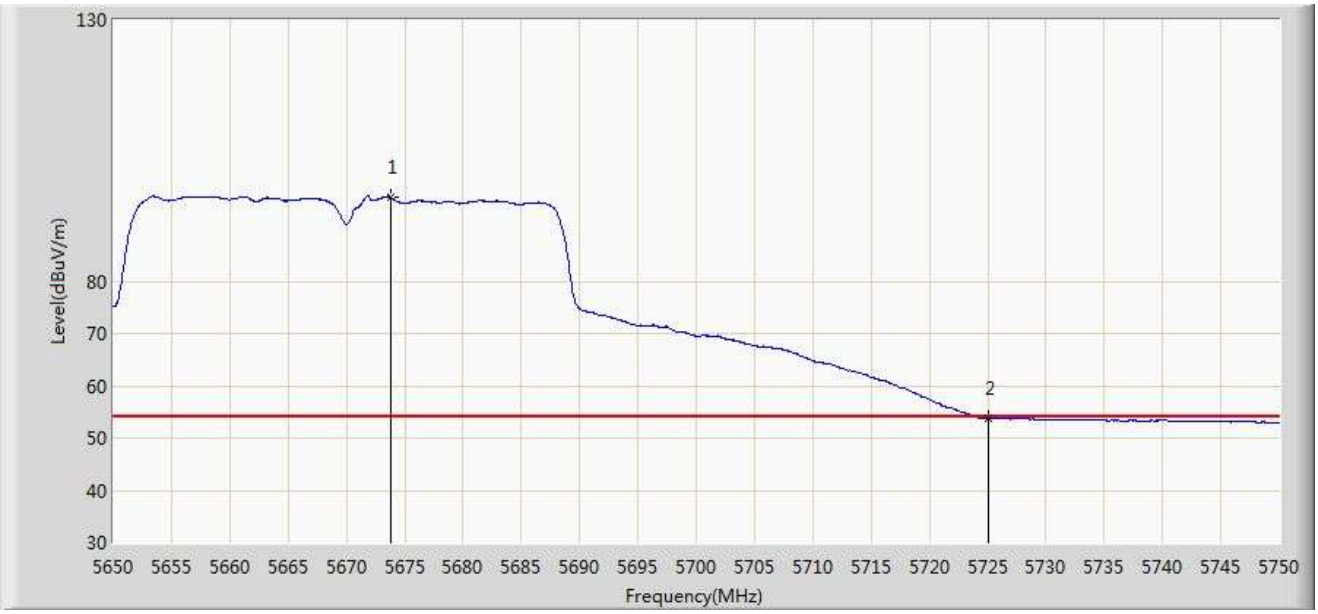


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5661.150	115.197	77.399	N/A	N/A	37.798	PK
2			5725.000	67.822	29.832	-6.178	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1	

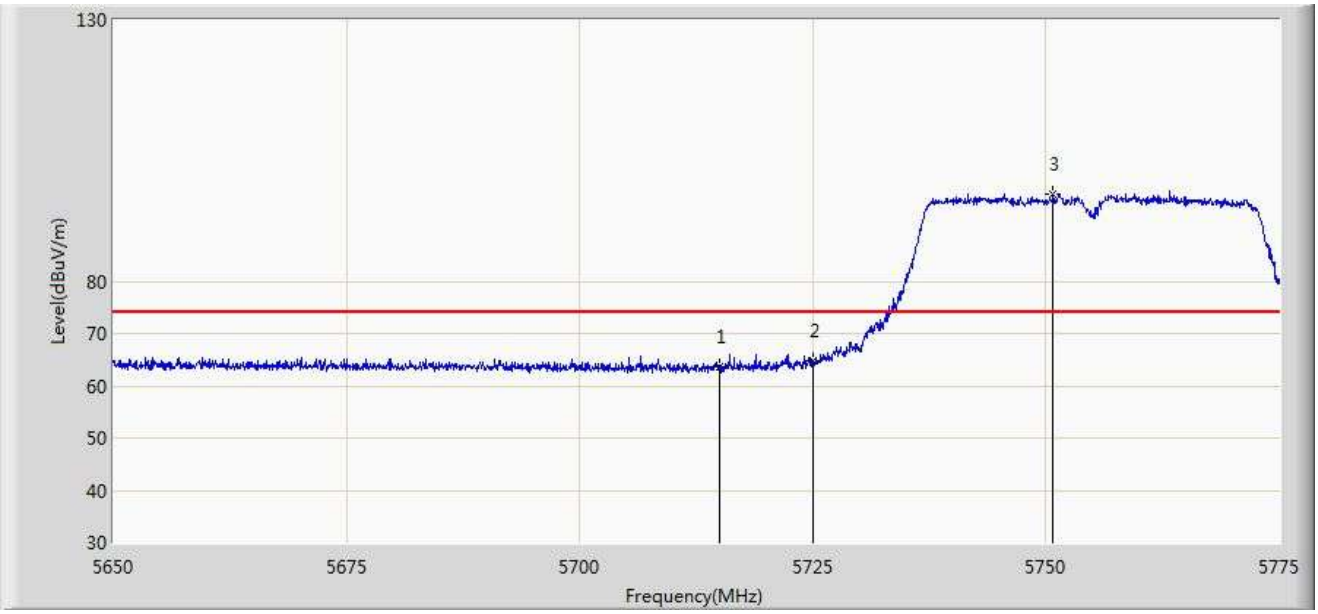


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5673.750	96.007	58.193	N/A	N/A	37.814	AV
2			5725.000	53.774	15.784	-0.226	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

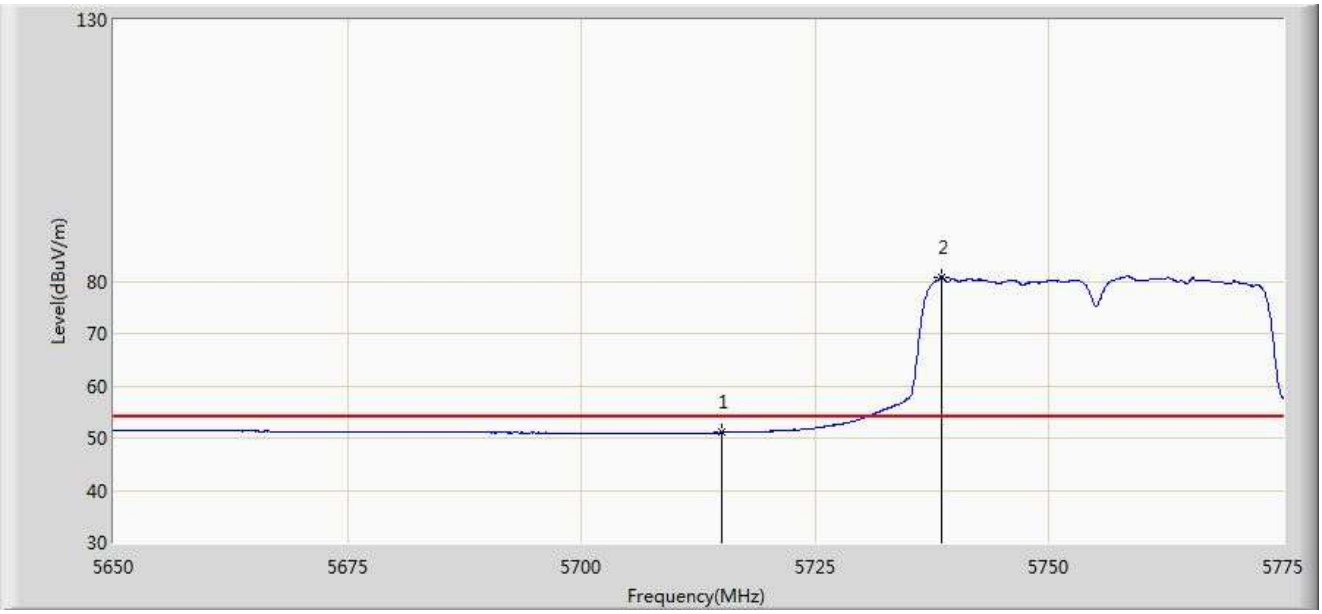


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.604	25.655	-10.396	74.000	37.949	PK
2			5725.000	64.807	26.817	-13.393	78.200	37.990	PK
3		*	5750.750	96.796	58.697	N/A	N/A	38.099	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

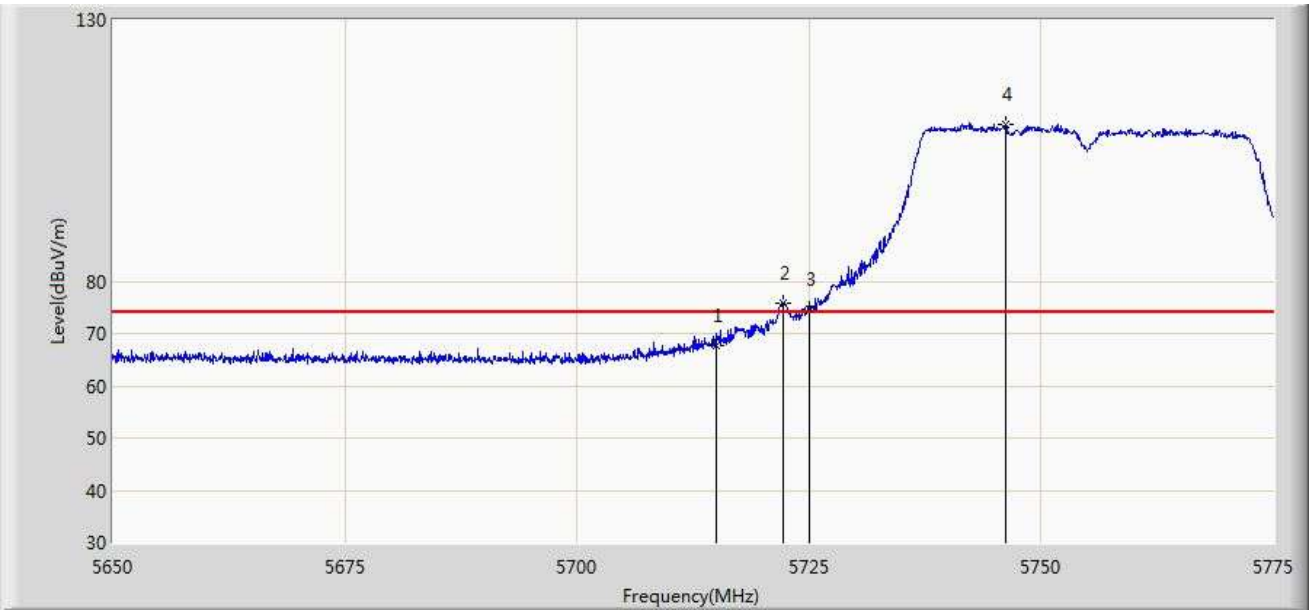


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.030	13.081	-2.970	54.000	37.949	AV
2		*	5738.437	80.777	42.732	N/A	N/A	38.045	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

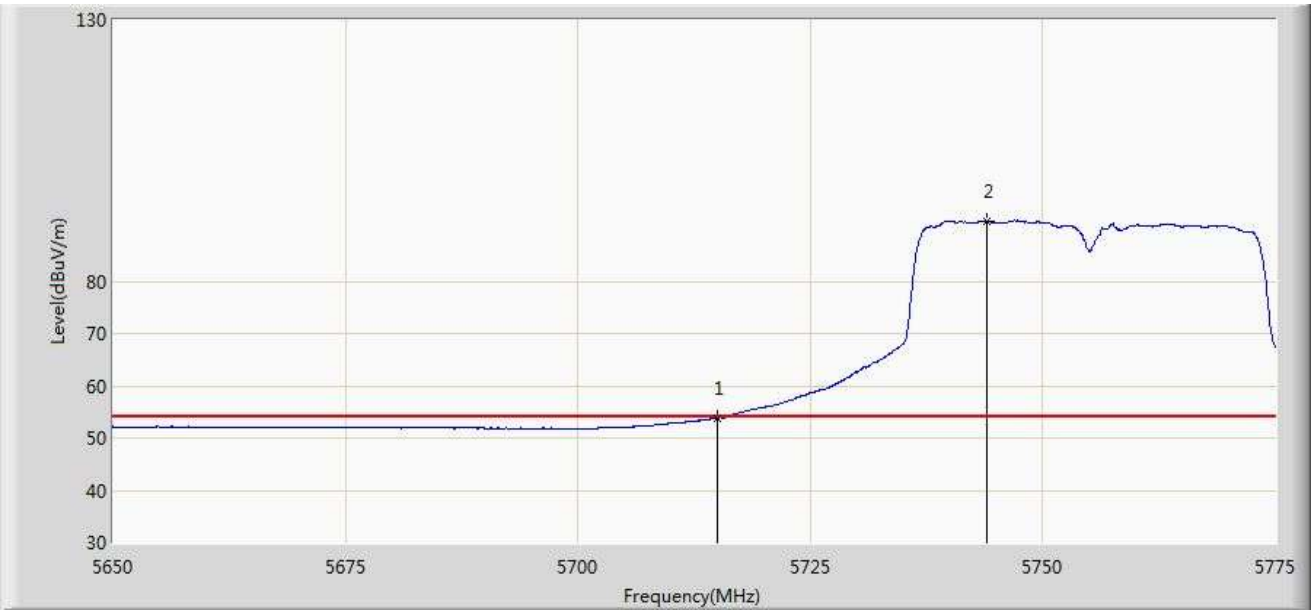


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.585	29.636	-6.415	74.000	37.949	PK
2			5722.187	75.866	37.888	-2.334	78.200	37.978	PK
3			5725.000	74.682	36.692	-3.518	78.200	37.990	PK
4		*	5746.125	109.983	71.906	N/A	N/A	38.077	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

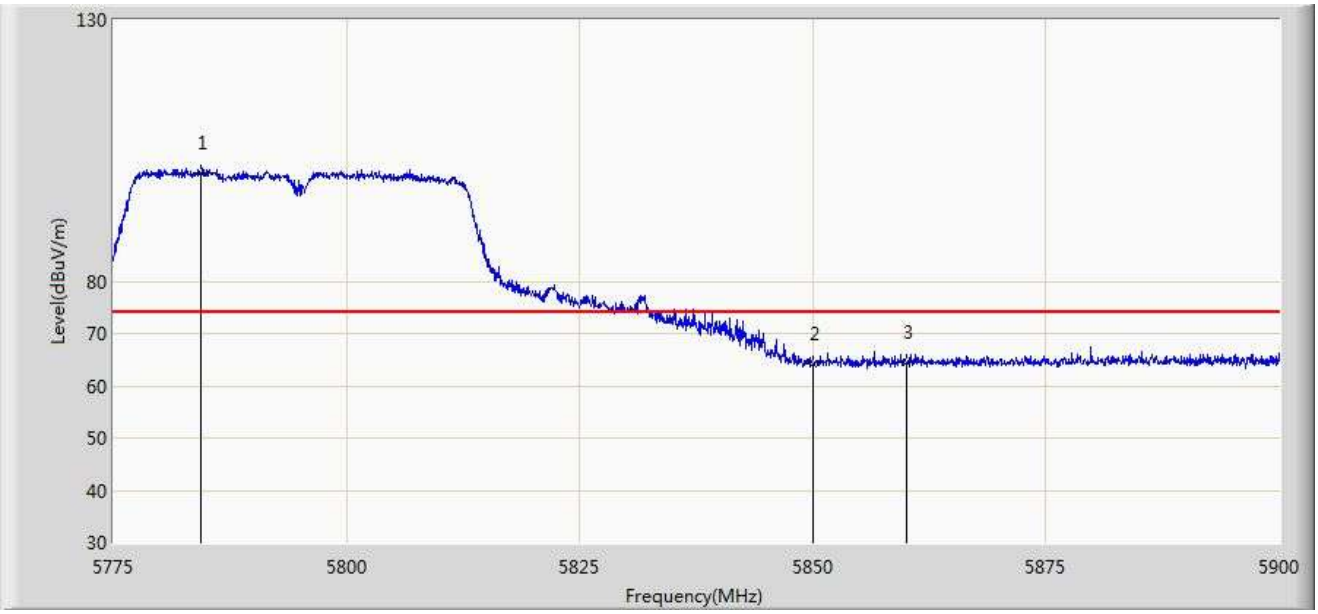


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.841	15.892	-0.159	54.000	37.949	AV
2		*	5744.000	91.481	53.414	N/A	N/A	38.067	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

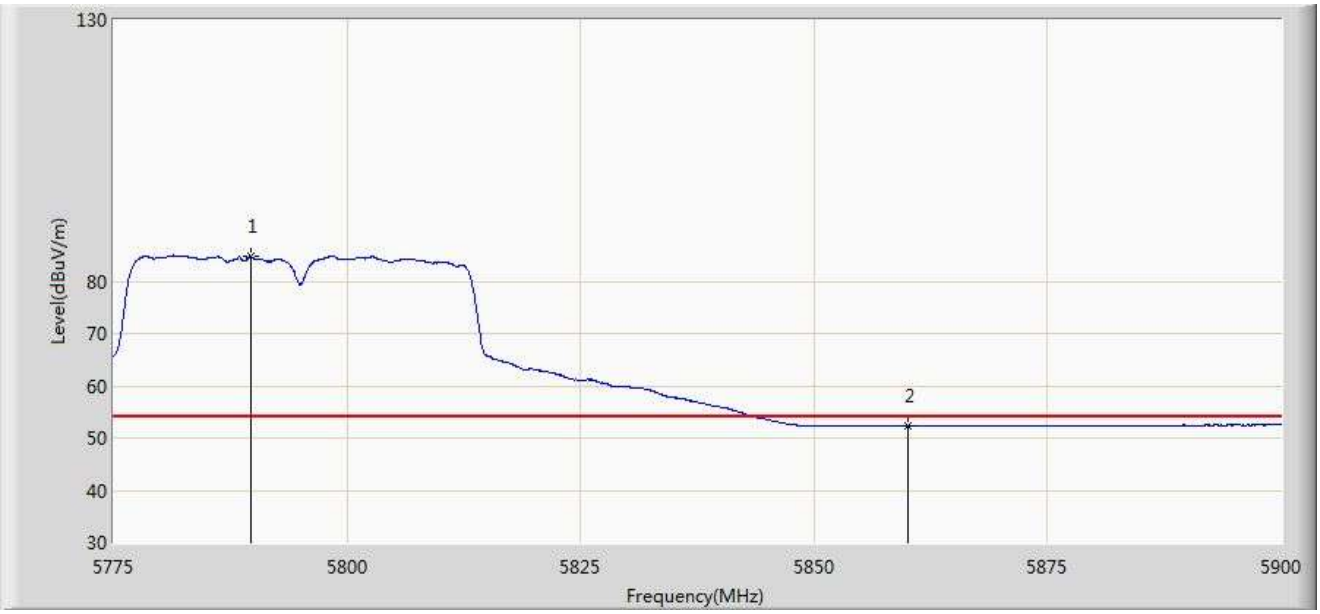


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.437	100.859	62.649	N/A	N/A	38.210	PK
2			5850.000	64.176	25.723	-14.024	78.200	38.454	PK
3			5860.000	64.430	25.952	-9.570	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

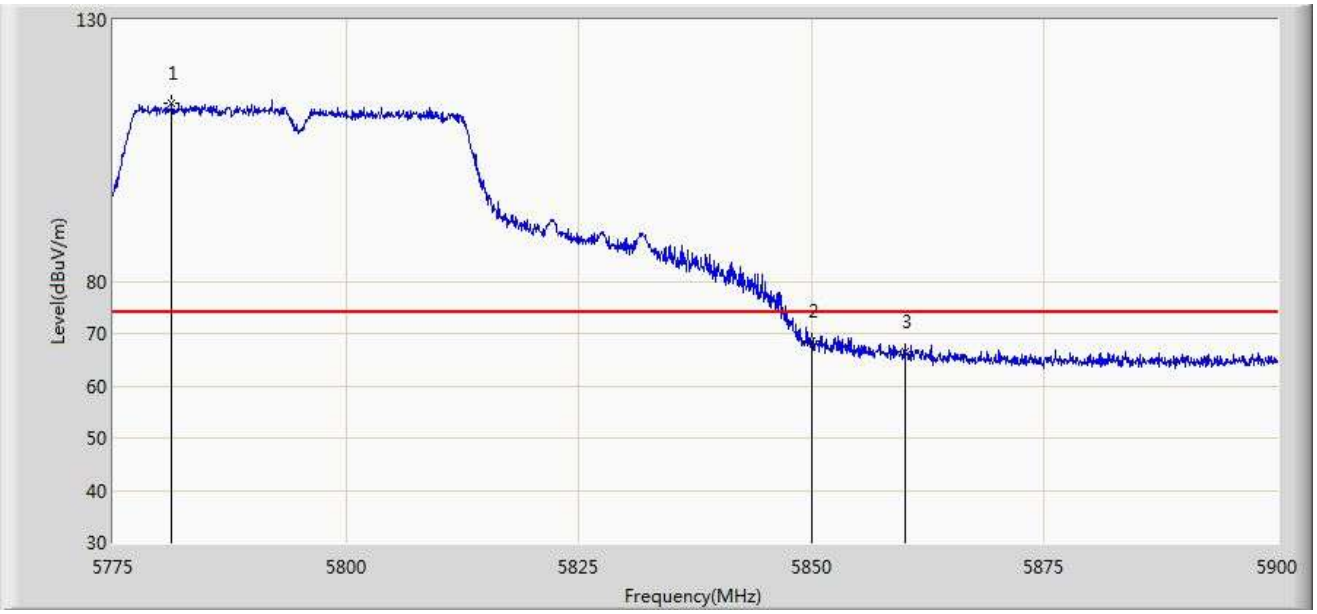


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.687	84.843	46.613	N/A	N/A	38.229	AV
2			5860.000	52.263	13.785	-1.737	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

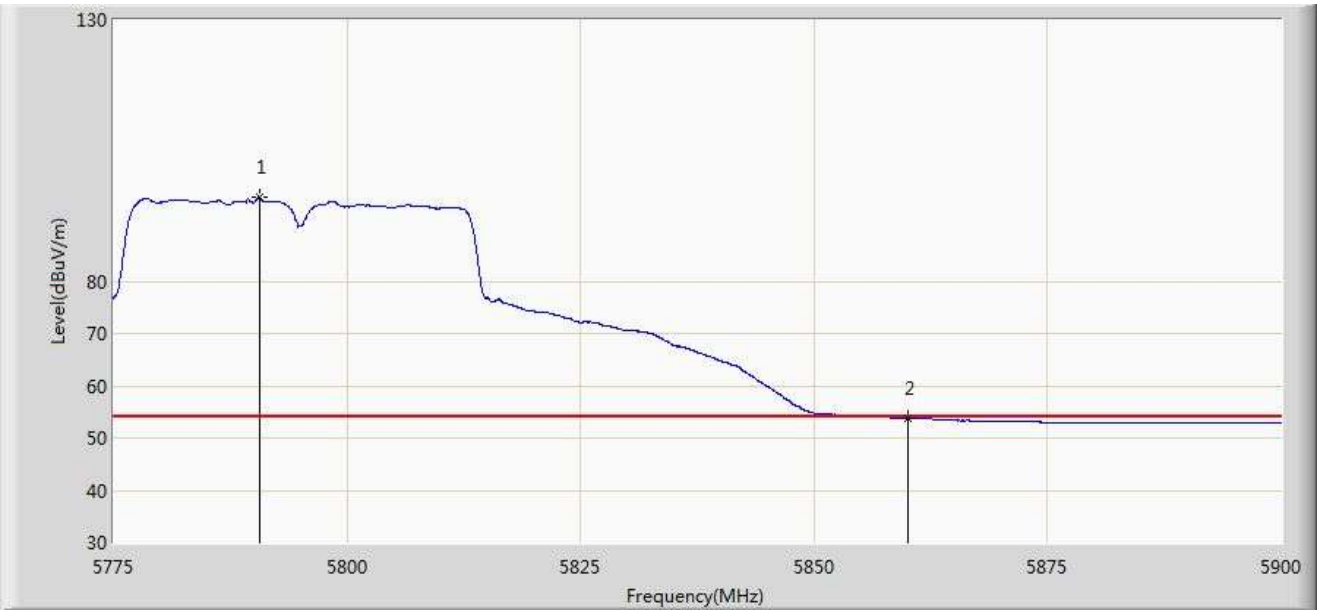


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.312	114.118	75.919	N/A	N/A	38.200	PK
2			5850.000	68.502	30.049	-9.698	78.200	38.454	PK
3			5860.000	66.641	28.163	-7.359	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

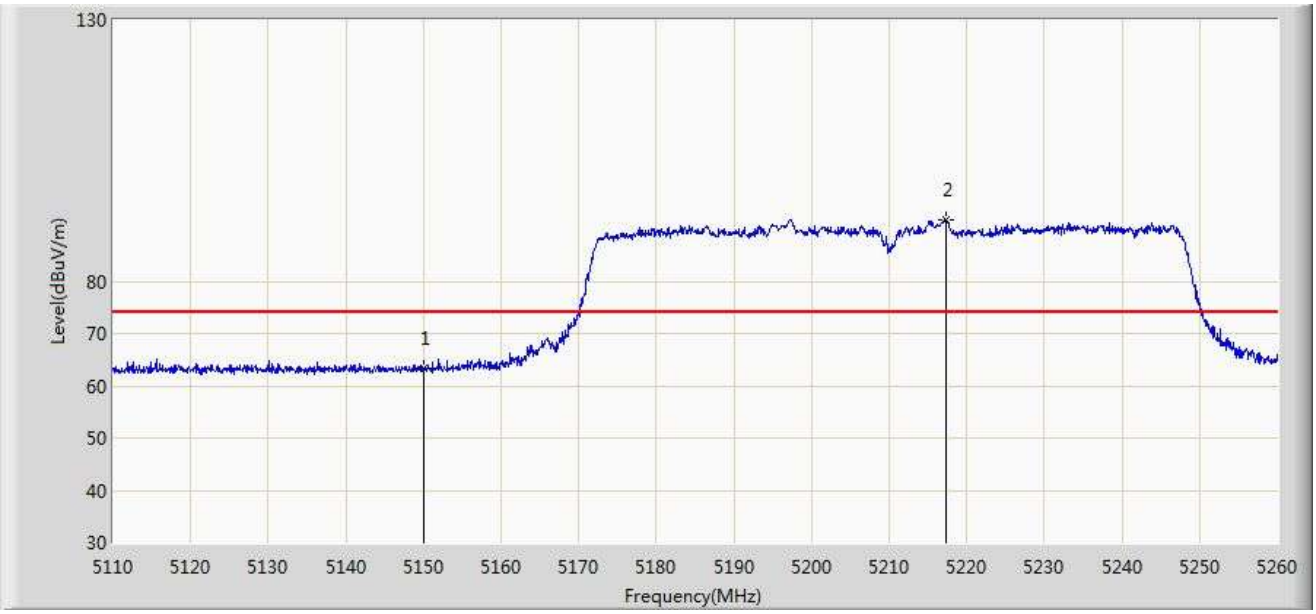


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.687	96.200	57.967	N/A	N/A	38.233	AV
2			5860.000	53.740	15.262	-0.260	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.236	25.784	-10.764	74.000	37.452	PK
2		*	5217.250	91.844	54.576	N/A	N/A	37.268	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

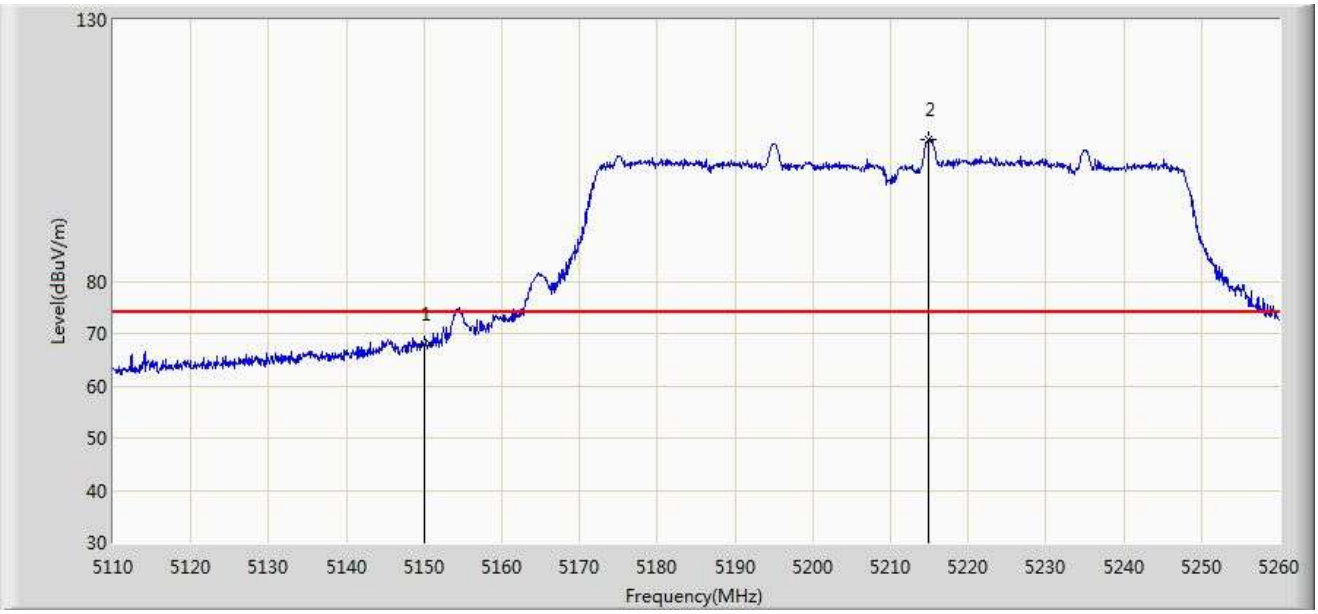
Site: AC1	Time: 2015/05/14 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.234	12.782	-3.766	54.000	37.452	AV
2		*	5236.225	73.962	36.736	N/A	N/A	37.226	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1	

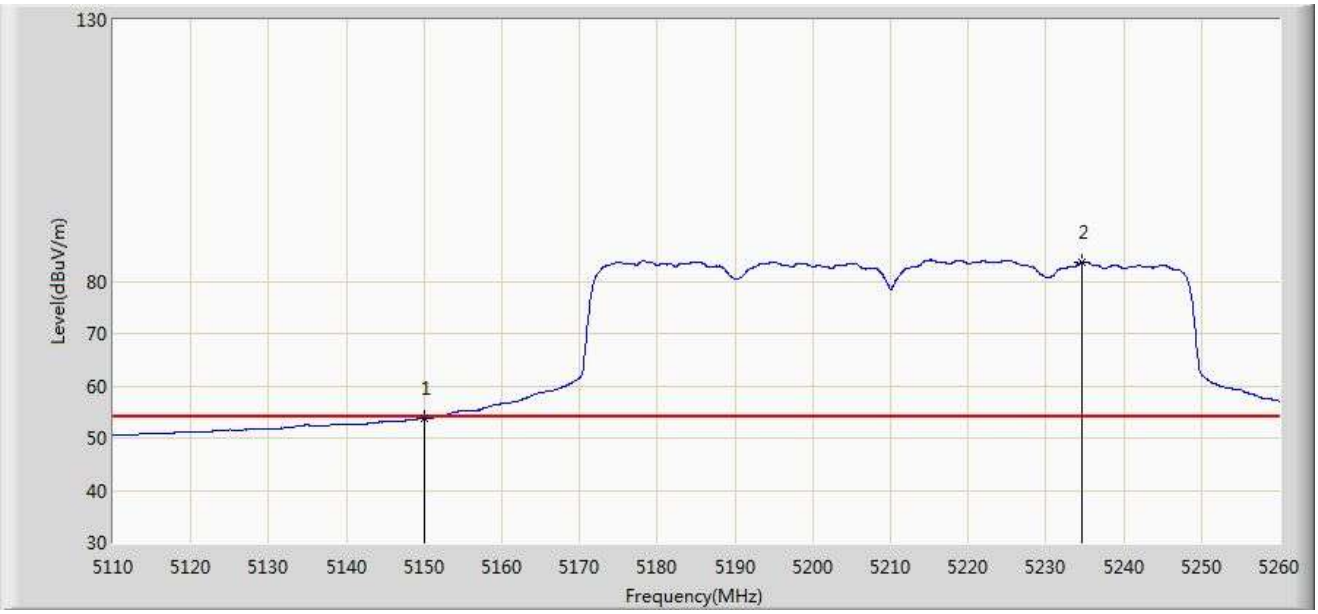


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.886	30.434	-6.114	74.000	37.452	PK
2		*	5214.925	107.185	69.911	N/A	N/A	37.274	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1	

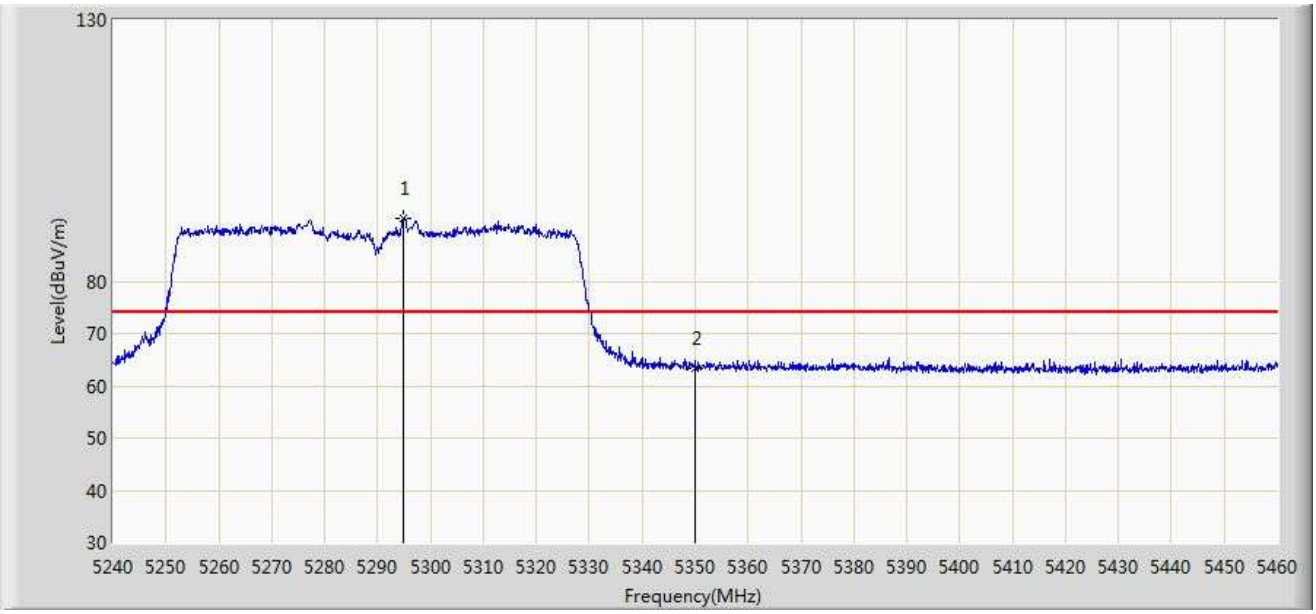


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.762	16.310	-0.238	54.000	37.452	AV
2		*	5234.575	83.582	46.352	N/A	N/A	37.230	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5294.890	92.073	54.895	N/A	N/A	37.178	PK
2			5350.000	63.466	26.180	-10.534	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

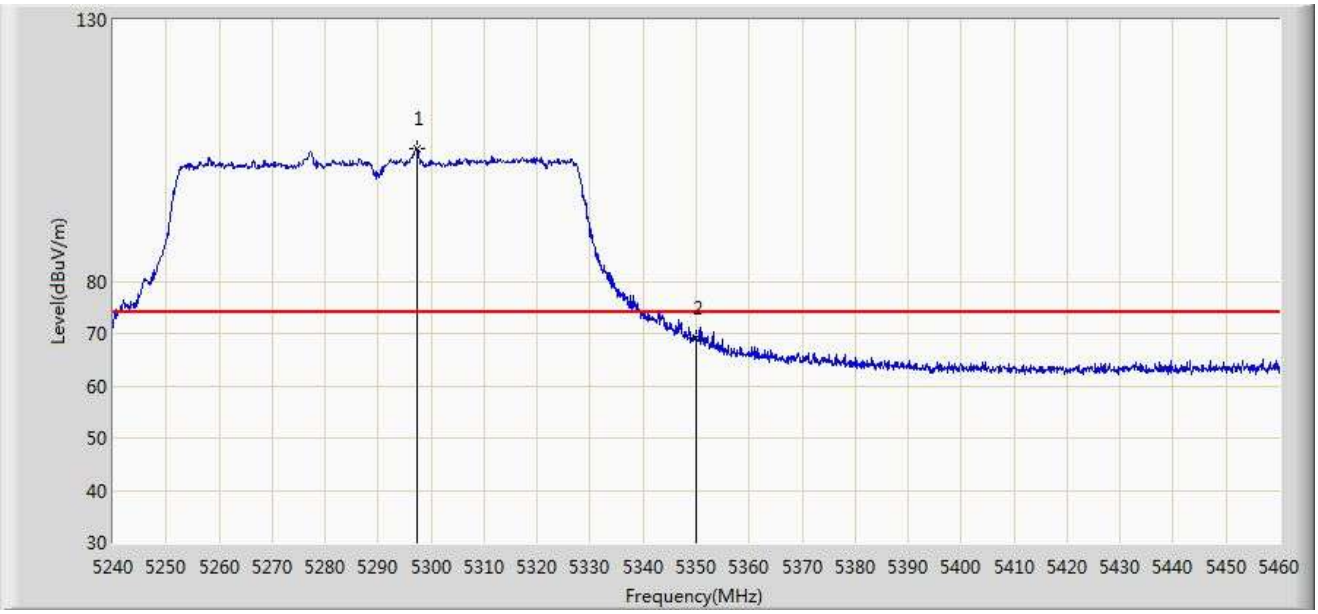
Site: AC1	Time: 2015/05/14 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5257.710	73.736	36.545	N/A	N/A	37.191	AV
2			5350.000	50.816	13.530	-3.184	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1	

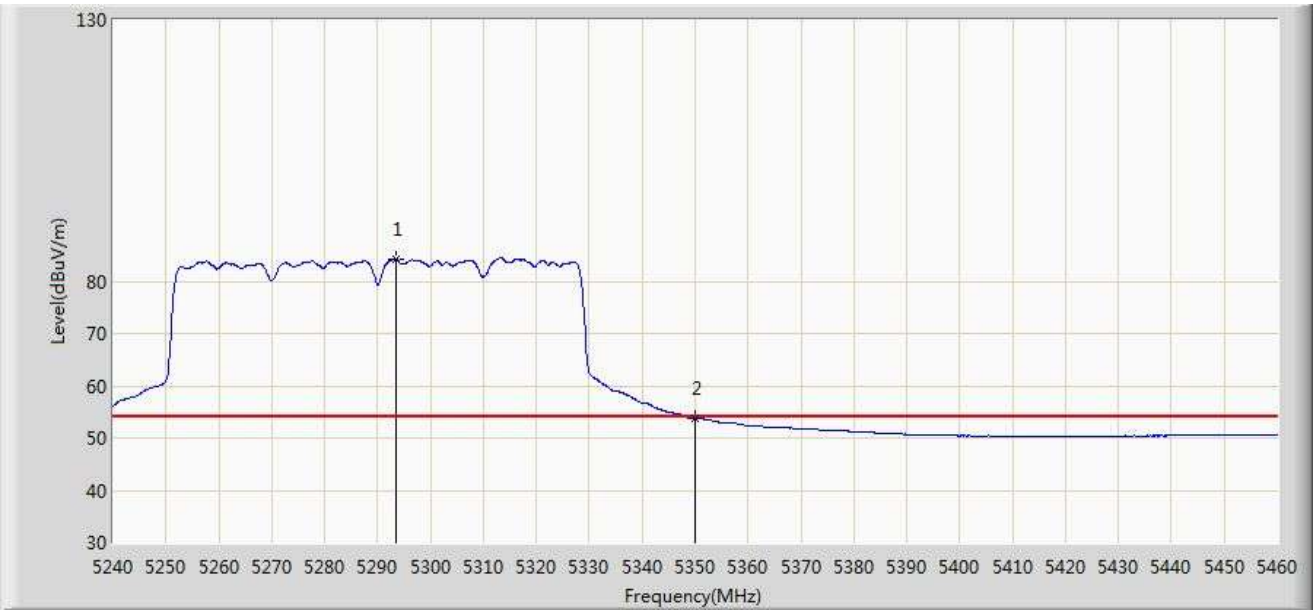


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5297.310	105.248	68.067	N/A	N/A	37.181	PK
2			5350.000	69.122	31.836	-4.878	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1	

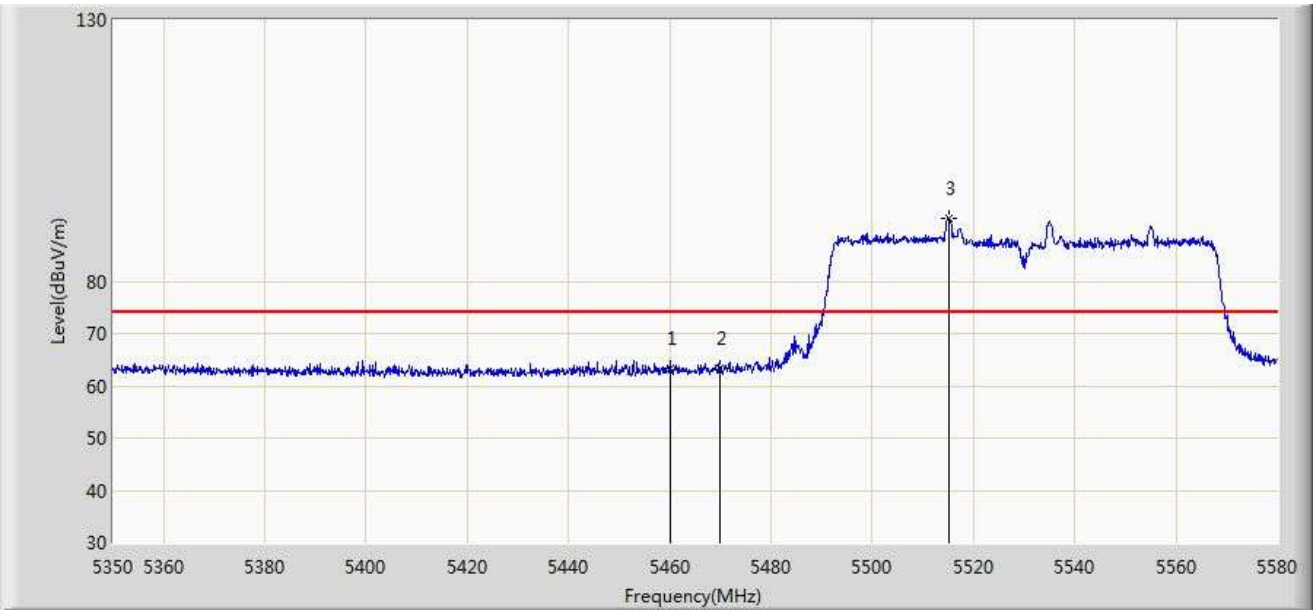


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.570	84.258	47.079	N/A	N/A	37.179	AV
2			5350.000	53.798	16.512	-0.202	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1	

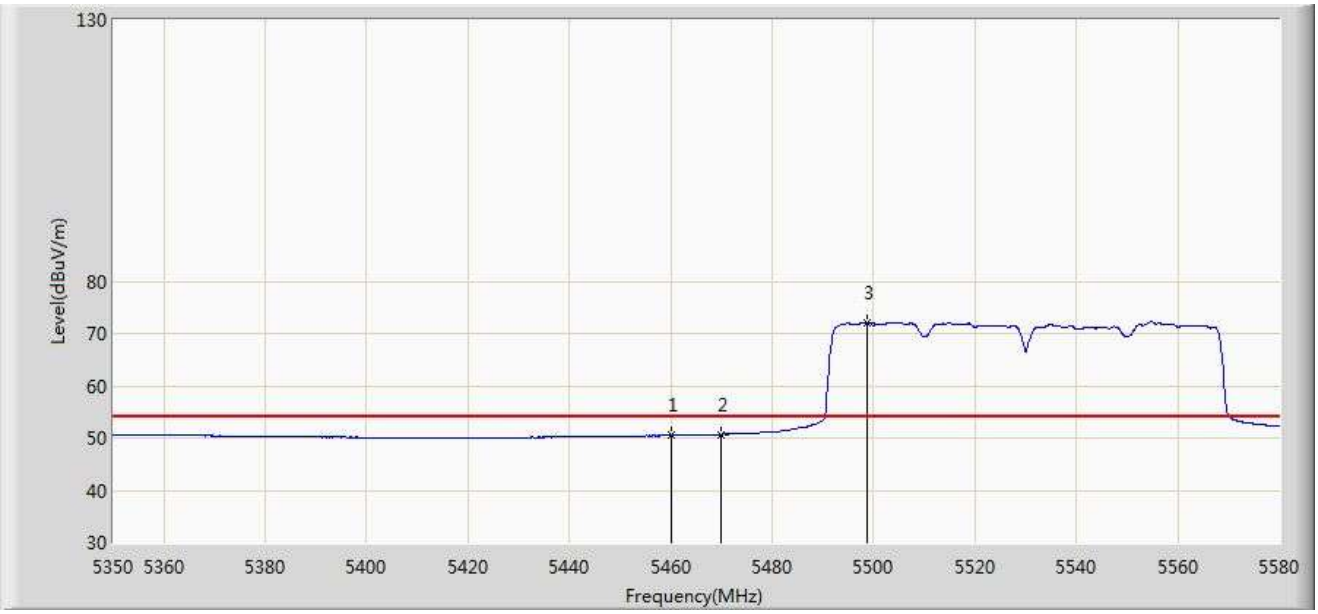


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.456	25.893	-10.544	74.000	37.563	PK
2			5470.000	63.194	25.605	-10.806	74.000	37.588	PK
3		*	5515.140	92.152	54.511	N/A	N/A	37.641	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1	

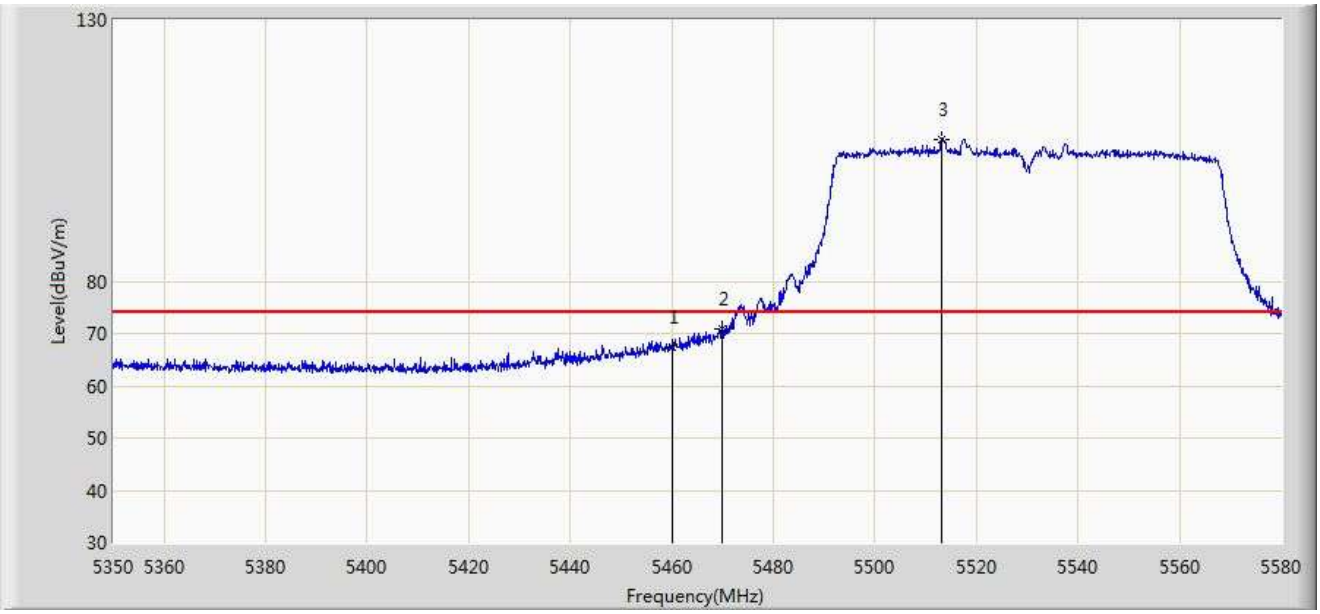


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.507	12.944	-3.493	54.000	37.563	AV
2			5470.000	50.703	13.114	-3.297	54.000	37.588	AV
3		*	5498.580	72.110	34.487	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1	

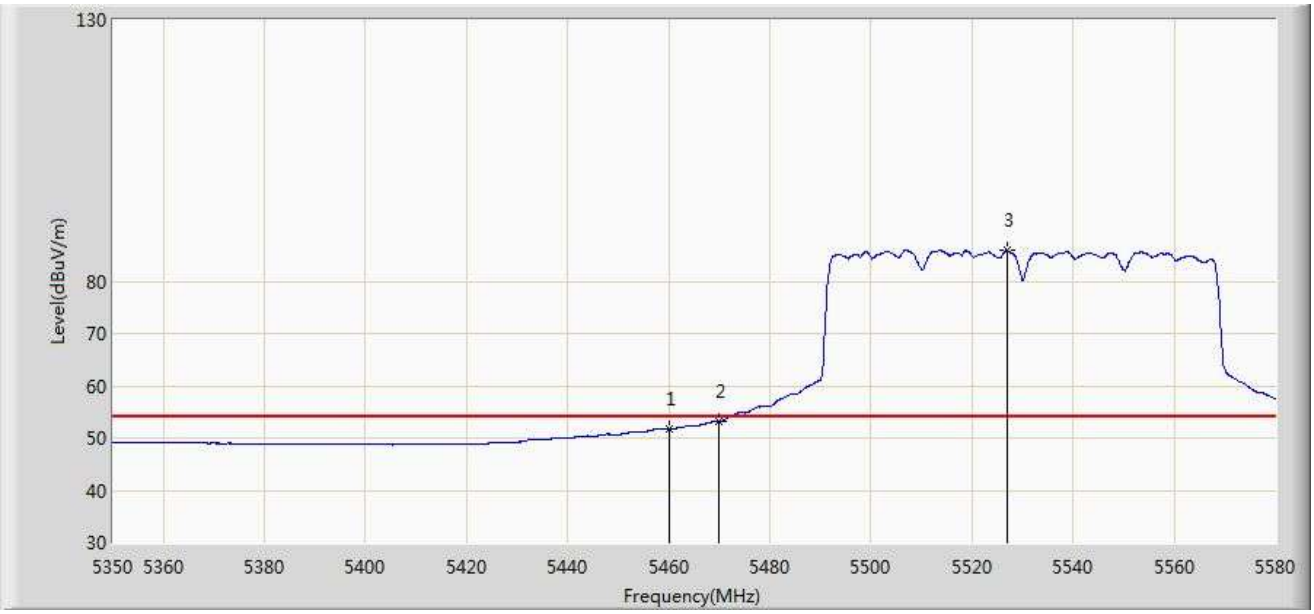


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.323	29.760	-6.677	74.000	37.563	PK
2			5470.000	70.865	33.276	-3.135	74.000	37.588	PK
3		*	5513.070	107.179	69.540	N/A	N/A	37.639	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1	

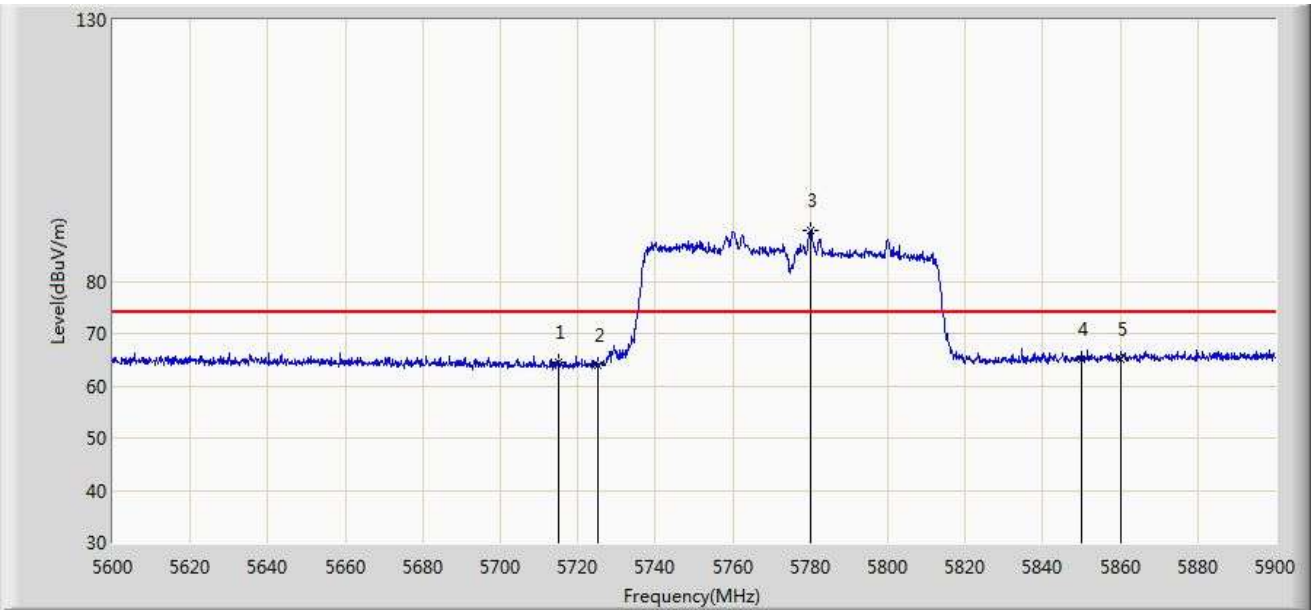


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.598	14.035	-2.402	54.000	37.563	AV
2			5470.000	53.088	15.500	-0.912	54.000	37.588	AV
3		*	5526.985	85.855	48.196	N/A	N/A	37.659	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

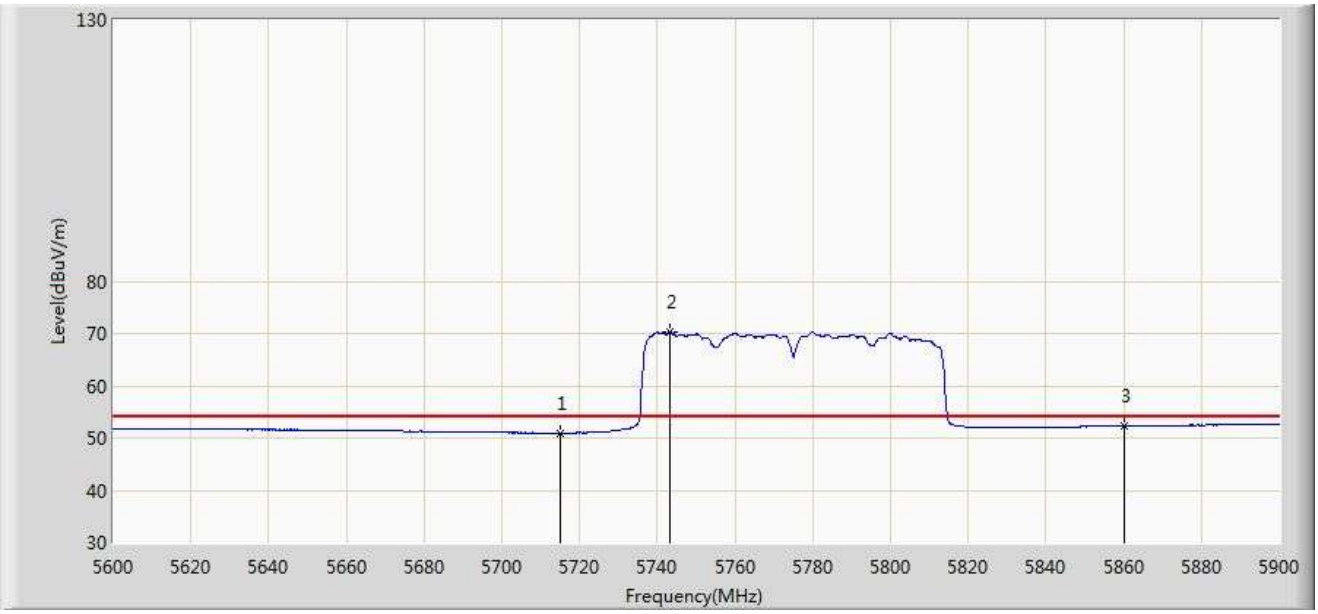


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.514	26.565	-9.486	74.000	37.949	PK
2			5725.000	63.817	25.827	-14.383	78.200	37.990	PK
3		*	5780.000	89.850	51.656	N/A	N/A	38.194	PK
4			5850.000	65.213	26.760	-12.987	78.200	38.454	PK
5			5860.000	65.076	26.598	-8.924	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

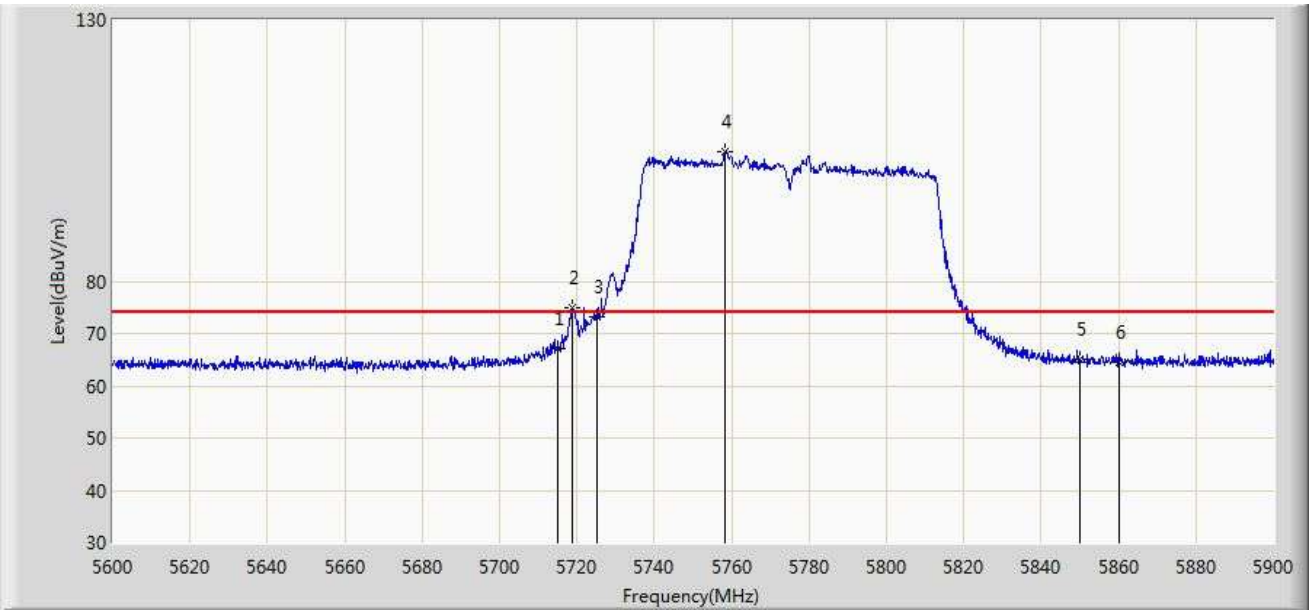


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.943	12.994	-3.057	54.000	37.949	AV
2		*	5743.100	70.229	32.166	N/A	N/A	38.063	AV
3			5860.000	52.319	13.841	-1.681	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

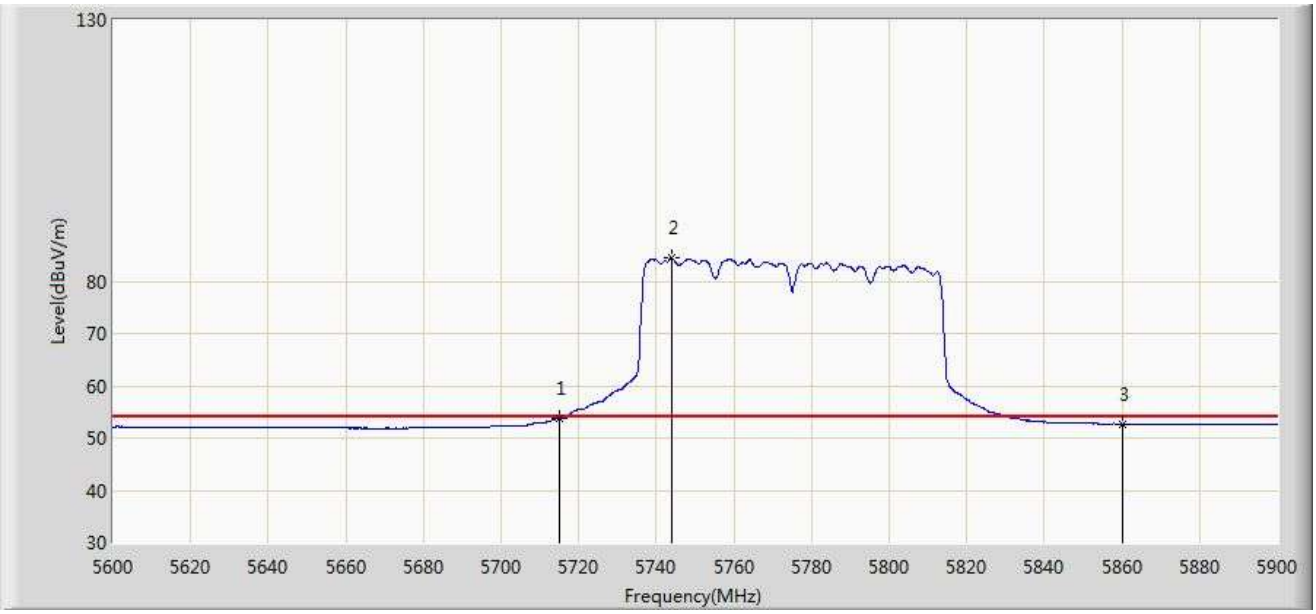


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.204	29.255	-6.796	74.000	37.949	PK
2			5718.800	74.899	36.935	-3.301	78.200	37.964	PK
3			5725.000	73.288	35.298	-4.912	78.200	37.990	PK
4		*	5758.400	104.851	66.717	N/A	N/A	38.135	PK
5			5850.000	64.940	26.487	-13.260	78.200	38.454	PK
6			5860.000	64.565	26.087	-9.435	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

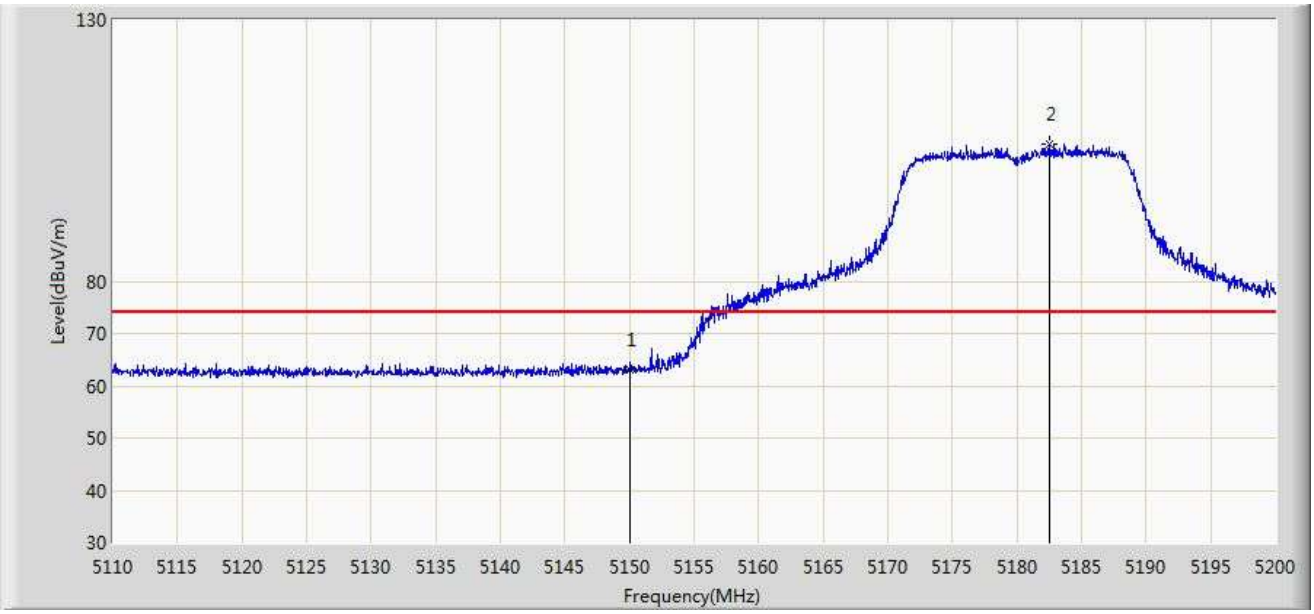


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.722	15.773	-0.278	54.000	37.949	AV
2		*	5744.000	84.522	46.455	N/A	N/A	38.067	AV
3			5860.000	52.684	14.206	-1.316	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.023	25.571	-10.977	74.000	37.452	PK
2		*	5182.495	106.226	68.858	N/A	N/A	37.367	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

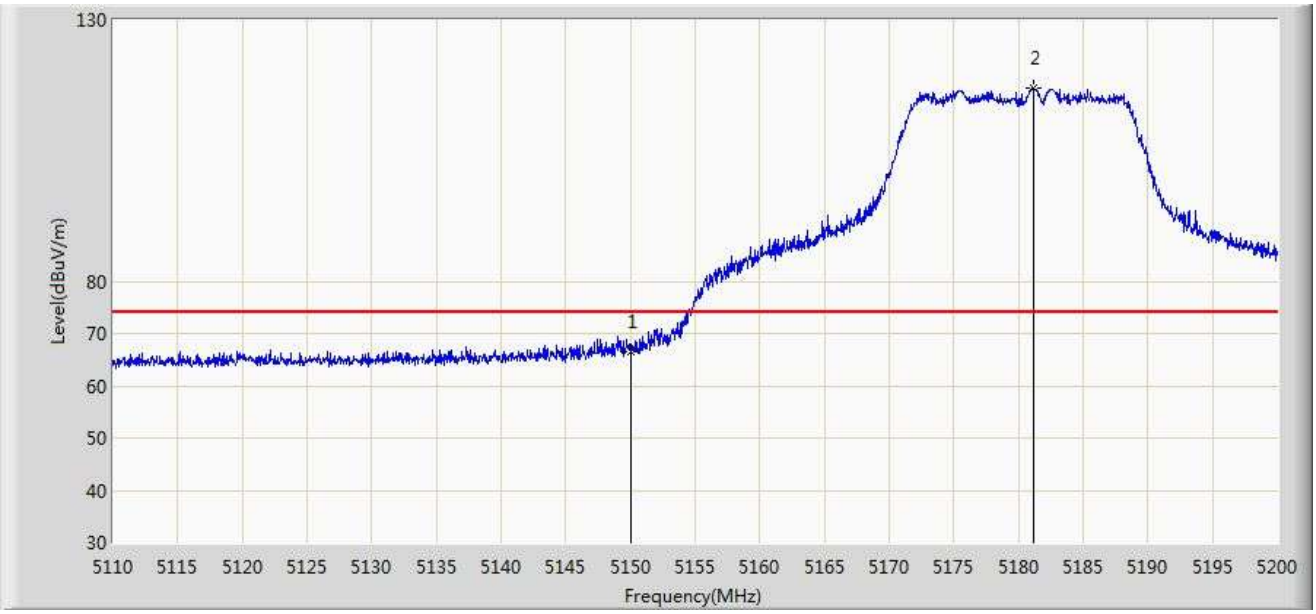
Site: AC1	Time: 2015/05/12 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.734	13.282	-3.266	54.000	37.452	AV
2		*	5183.305	90.094	52.728	N/A	N/A	37.366	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.452	29.000	-7.548	74.000	37.452	PK
2		*	5181.190	116.960	79.589	N/A	N/A	37.371	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

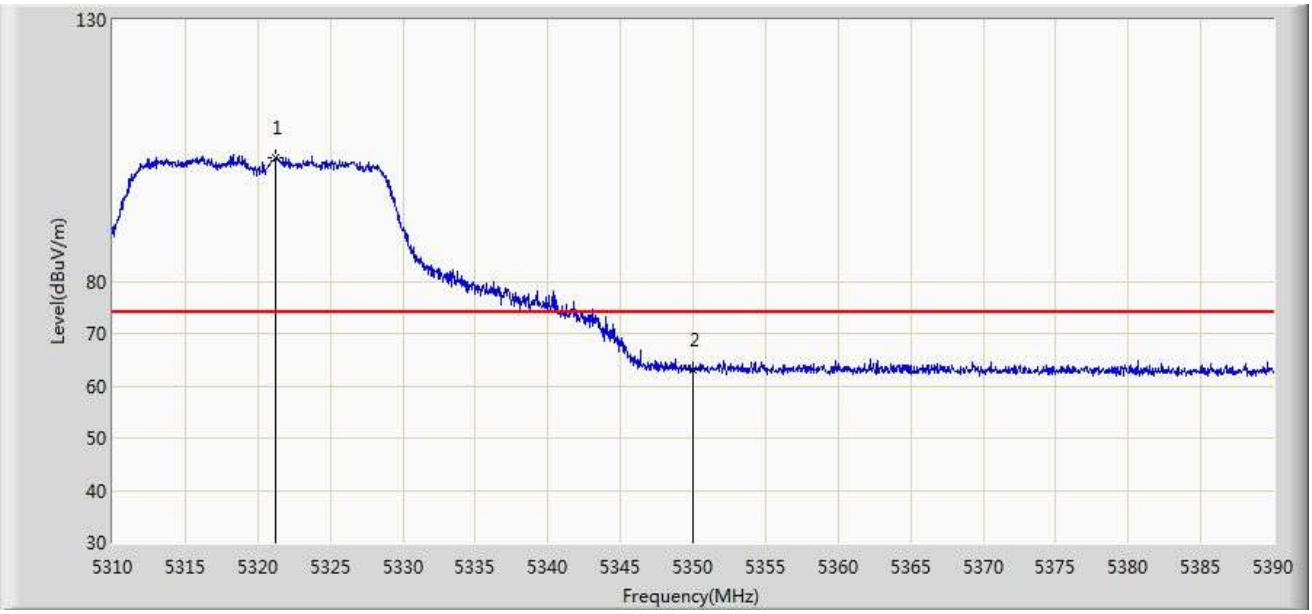
Site: AC1	Time: 2015/05/12 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.772	16.320	-0.228	54.000	37.452	AV
2		*	5181.460	99.636	62.266	N/A	N/A	37.370	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2	

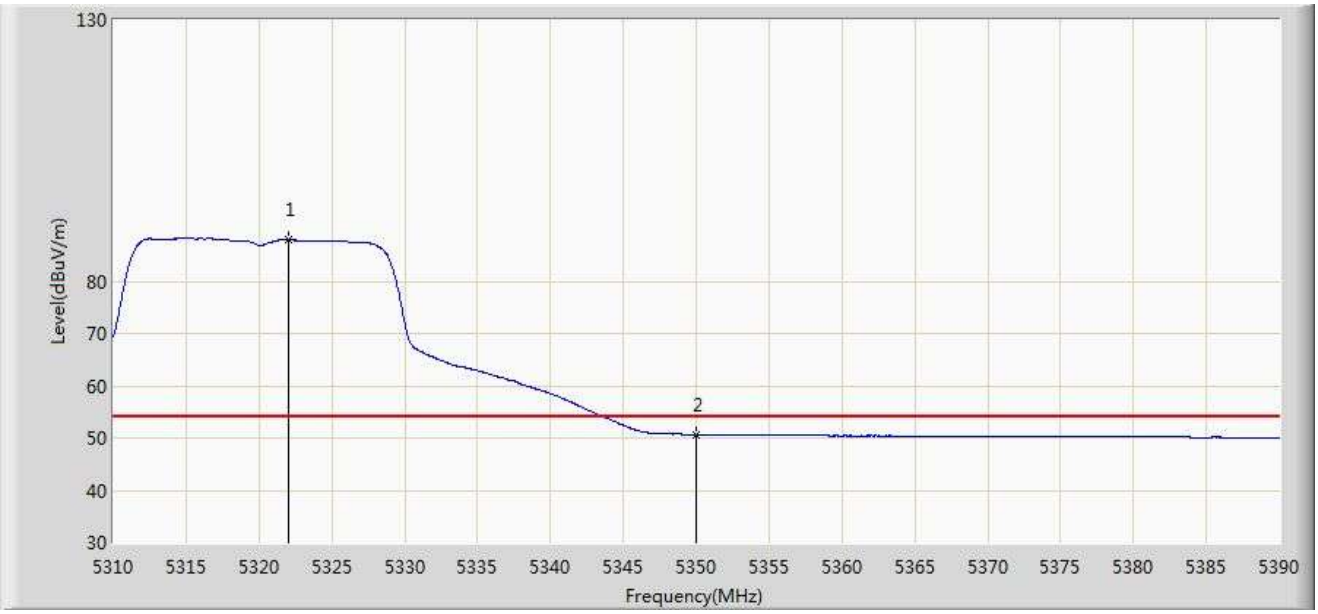


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.200	103.592	66.376	N/A	N/A	37.216	PK
2			5350.000	63.083	25.797	-10.917	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2	

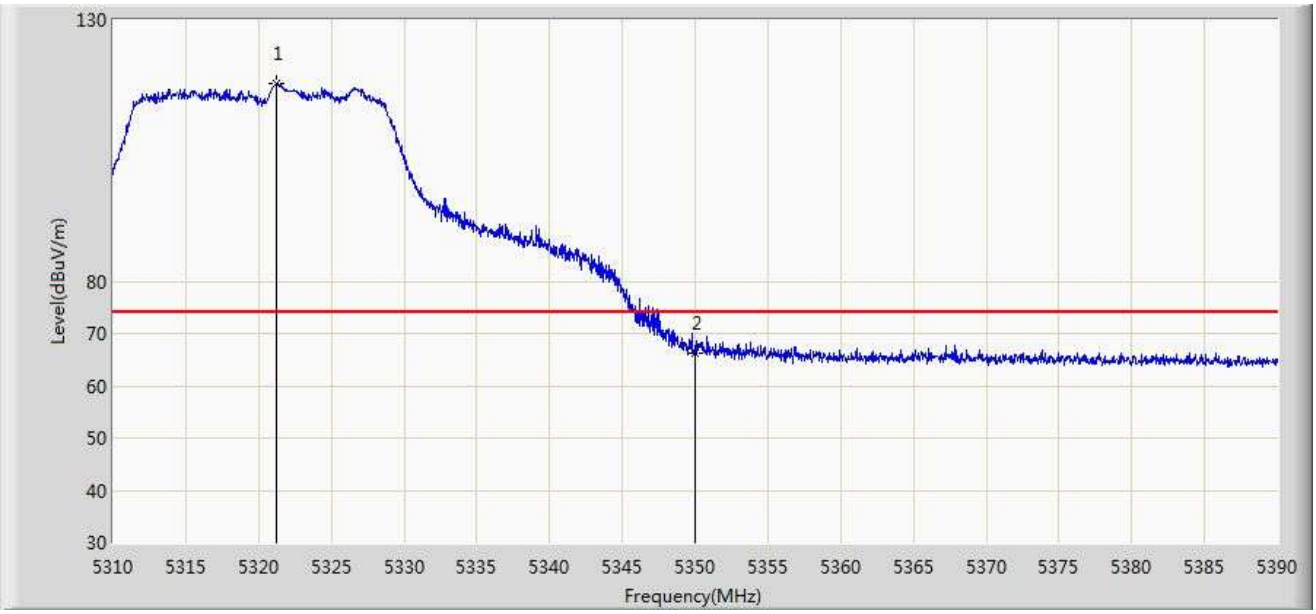


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.040	87.941	50.724	N/A	N/A	37.217	AV
2			5350.000	50.648	13.362	-3.352	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2	

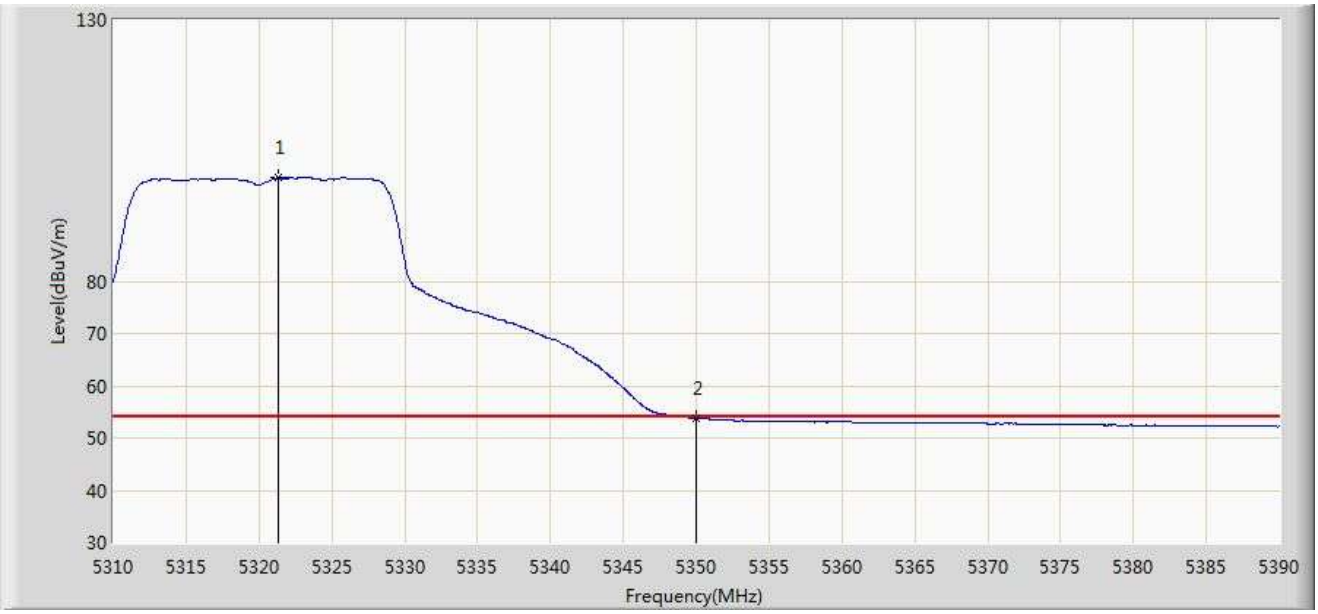


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.200	117.749	80.533	N/A	N/A	37.216	PK
2			5350.000	66.111	28.825	-7.889	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2	

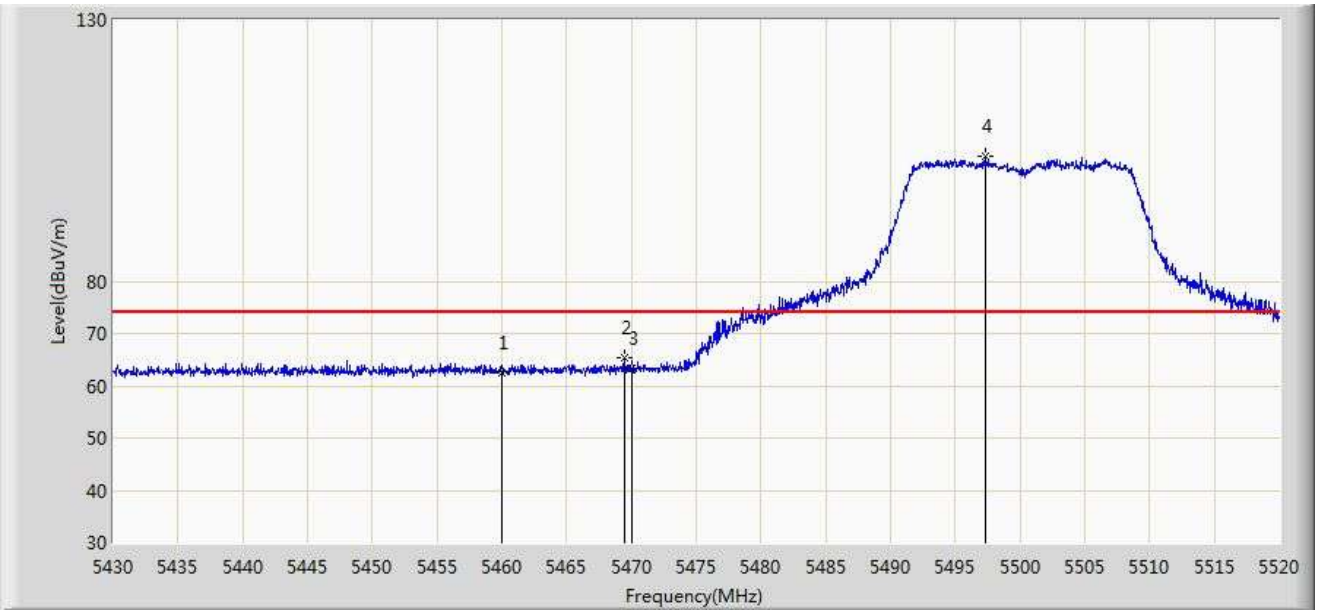


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.280	99.758	62.542	N/A	N/A	37.216	AV
2			5350.000	53.817	16.531	-0.183	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2	

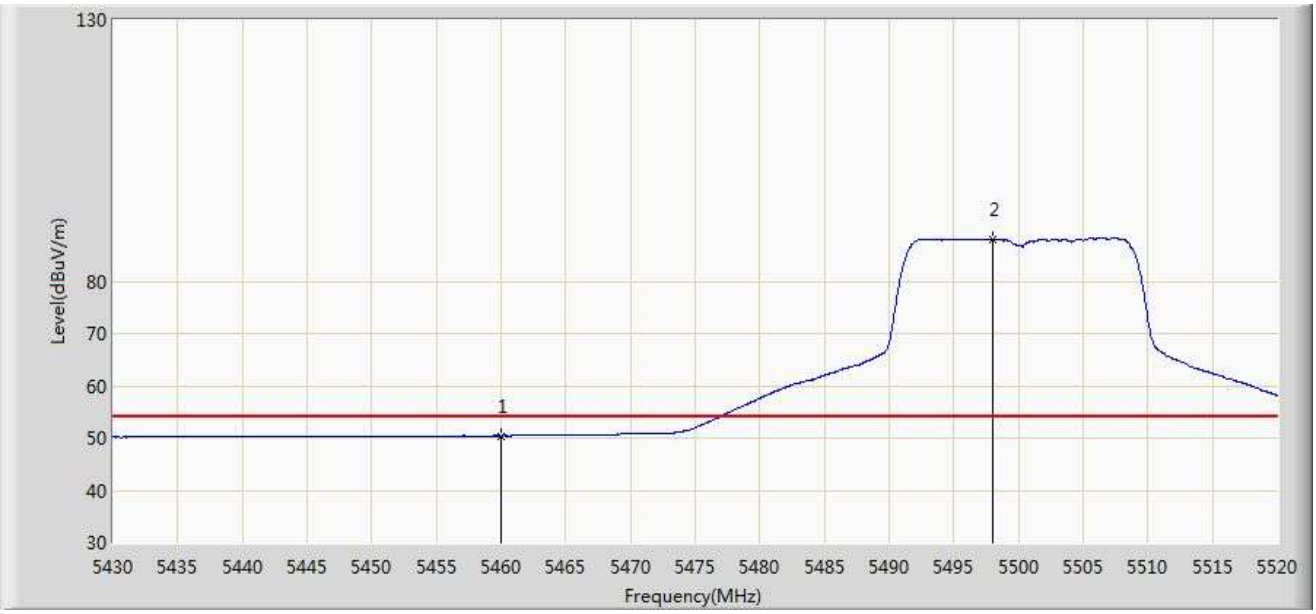


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.603	25.040	-11.397	74.000	37.563	PK
2			5469.510	65.258	27.671	-8.742	74.000	37.588	PK
3			5470.000	63.342	25.753	-10.658	74.000	37.588	PK
4		*	5497.365	103.869	66.247	N/A	N/A	37.622	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2	

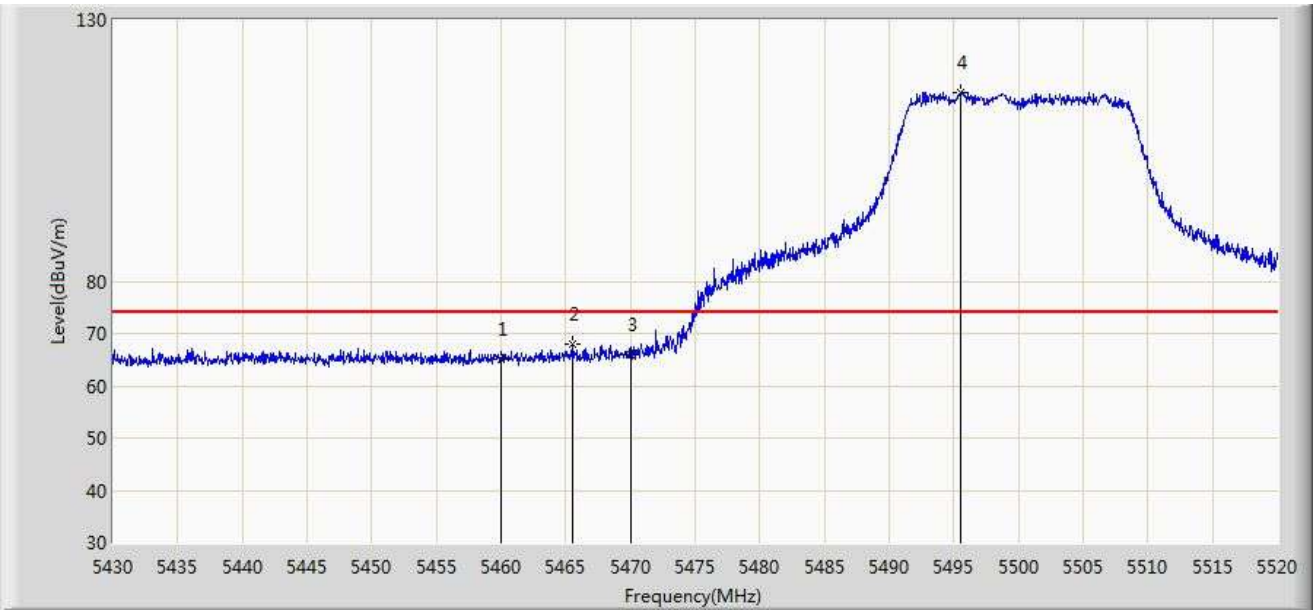


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.433	12.870	-3.567	54.000	37.563	AV
2		*	5497.995	87.937	50.315	N/A	N/A	37.623	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2	

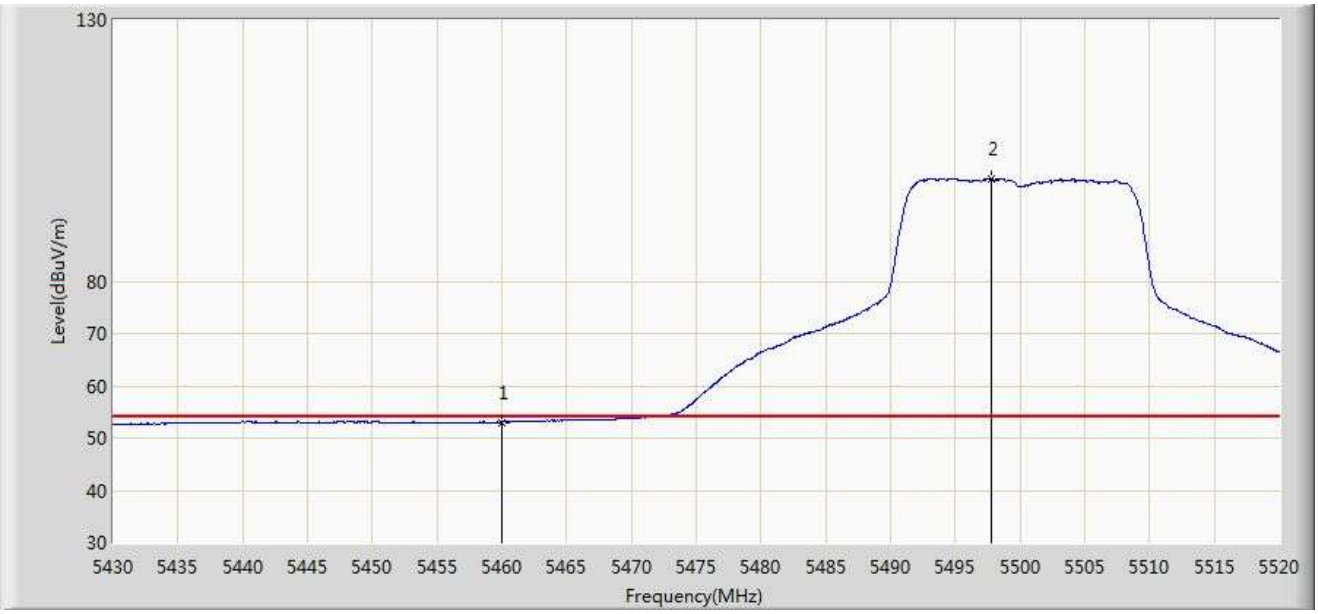


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.162	27.599	-8.838	74.000	37.563	PK
2			5465.550	67.866	30.289	-6.134	74.000	37.577	PK
3			5470.000	65.834	28.245	-8.166	74.000	37.588	PK
4		*	5495.565	115.966	78.346	N/A	N/A	37.619	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2	

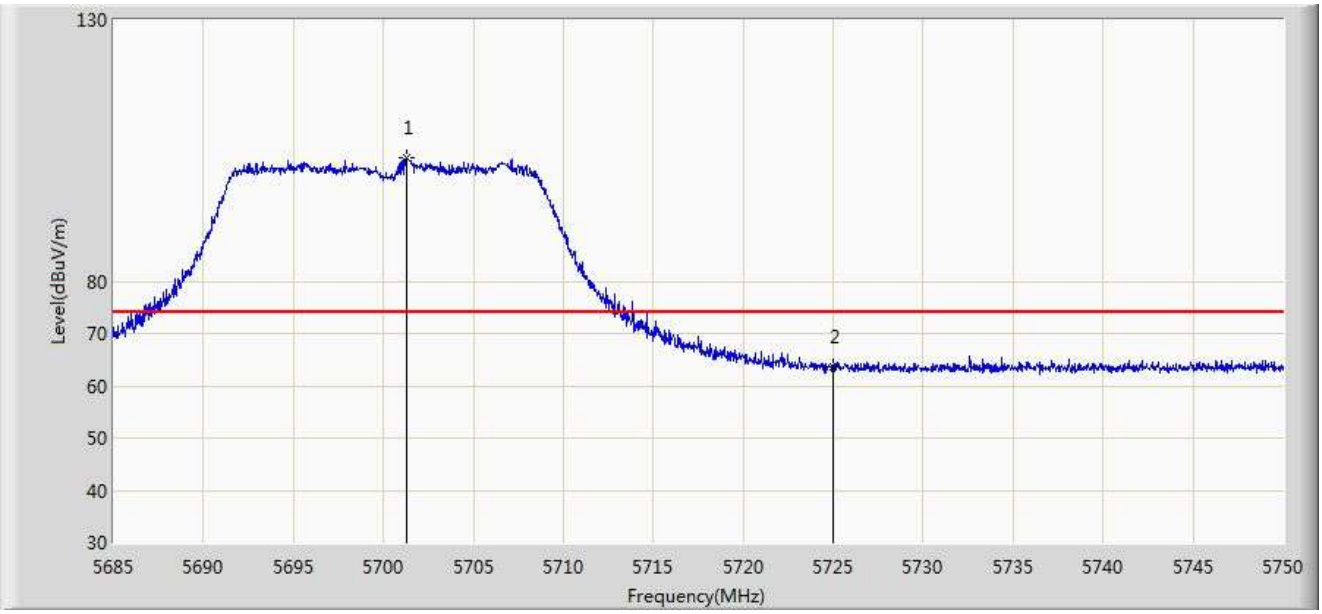


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	53.036	15.473	-0.964	54.000	37.563	AV
2		*	5497.815	99.537	61.915	N/A	N/A	37.622	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2	

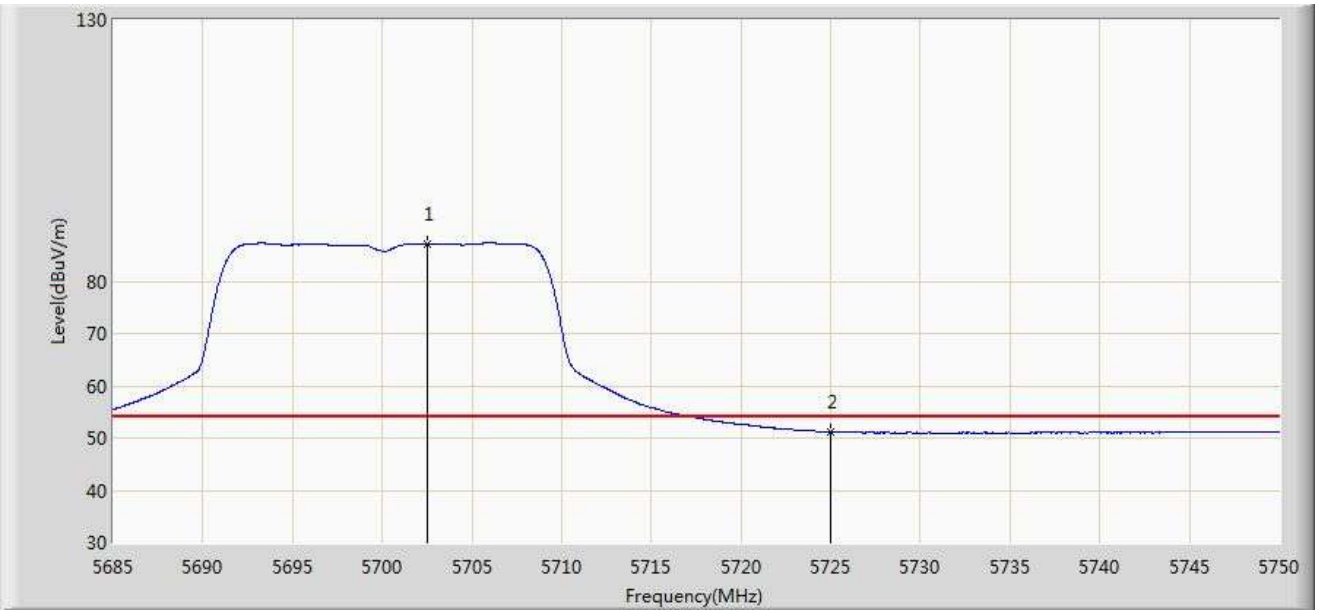


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.250	103.492	65.597	N/A	N/A	37.895	PK
2			5725.000	63.533	25.543	-10.467	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2	

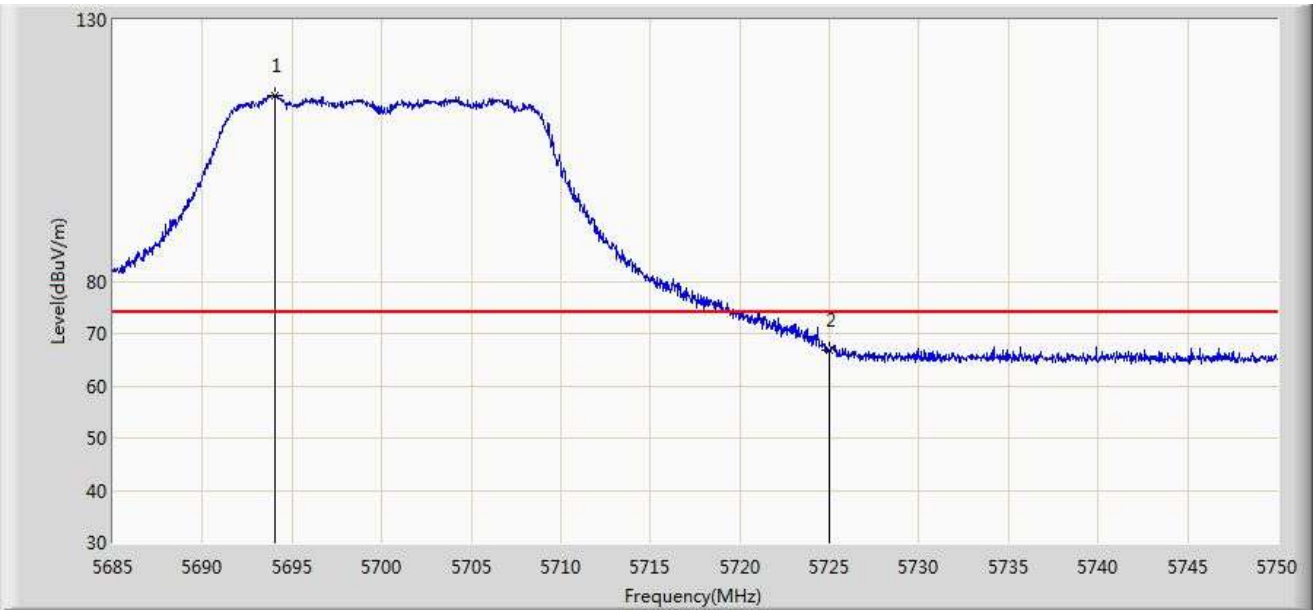


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.550	87.085	49.187	N/A	N/A	37.898	AV
2			5725.000	51.169	13.179	-2.831	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2	

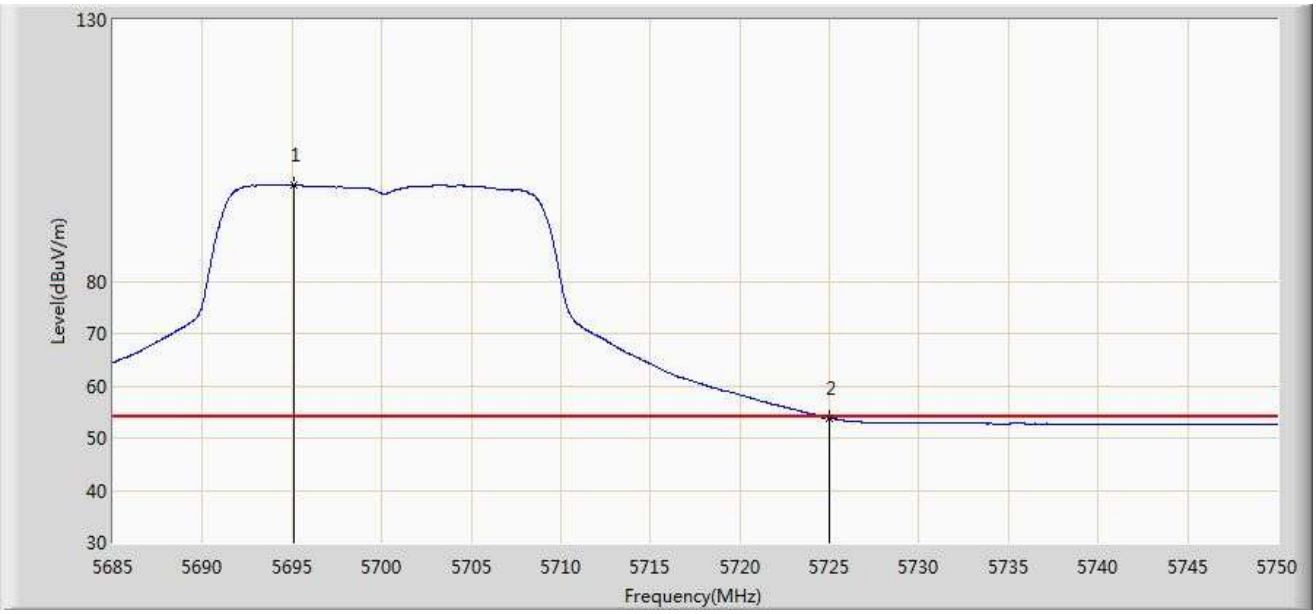


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.035	115.581	77.704	N/A	N/A	37.877	PK
2			5725.000	66.791	28.801	-7.209	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2	

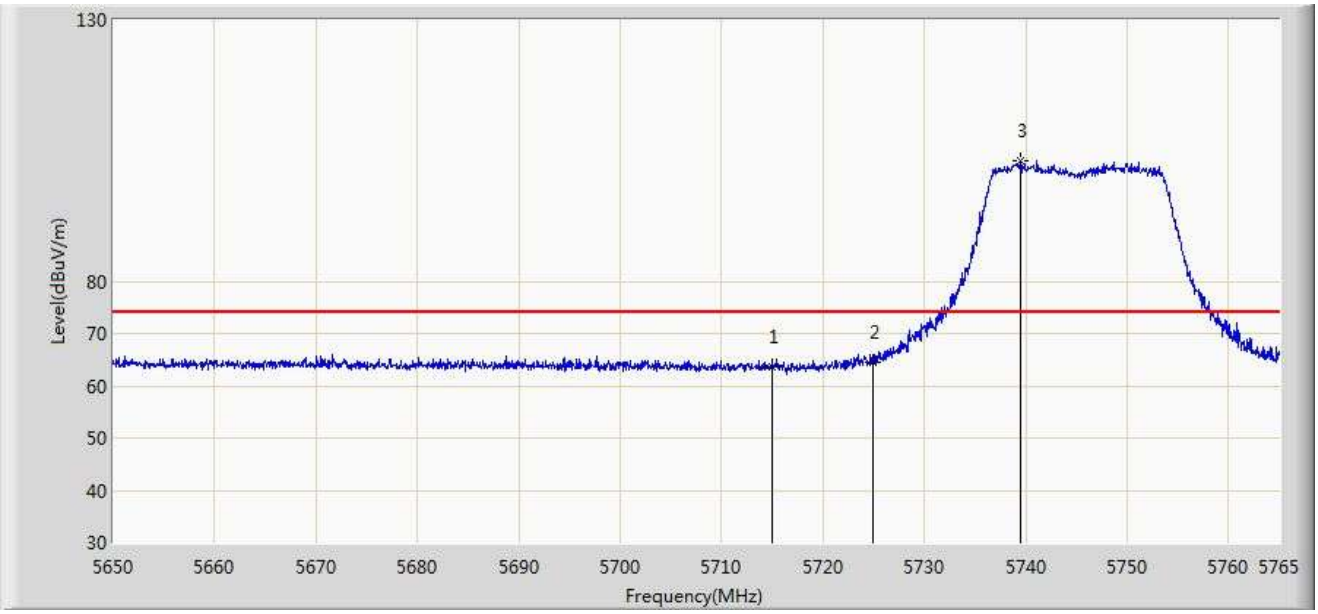


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.075	98.483	60.603	N/A	N/A	37.880	AV
2			5725.000	53.836	15.846	-0.164	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2	

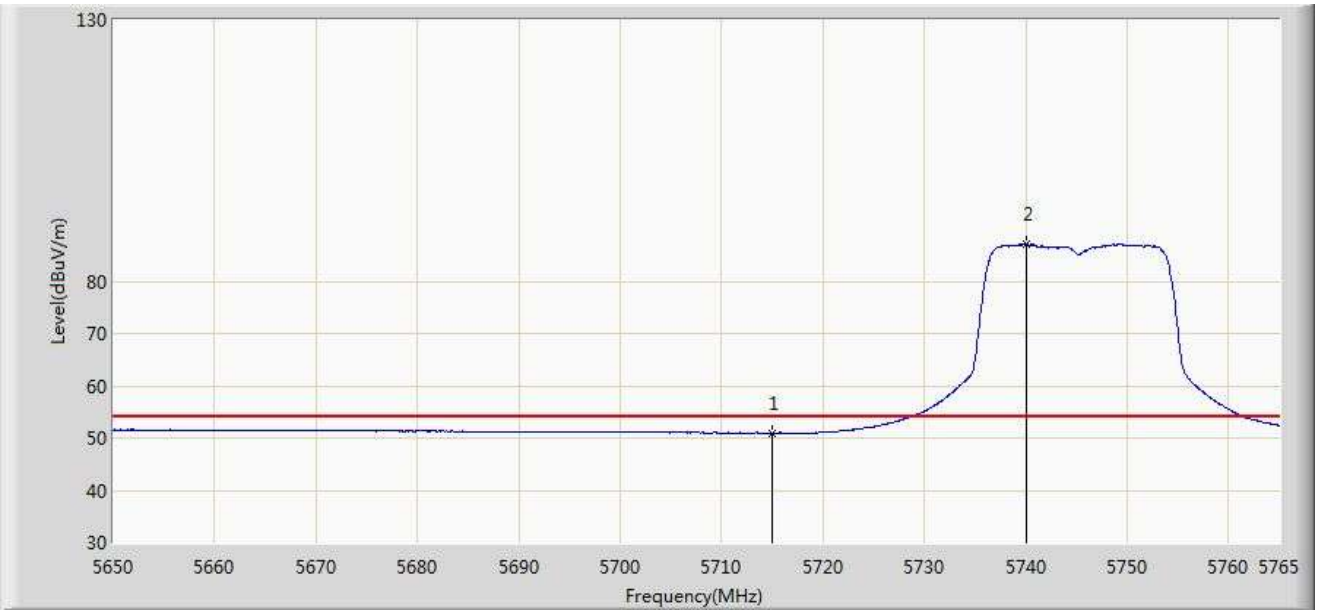


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.638	25.689	-10.362	74.000	37.949	PK
2			5725.000	64.397	26.407	-13.803	78.200	37.990	PK
3		*	5739.470	102.998	64.949	N/A	N/A	38.049	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2	

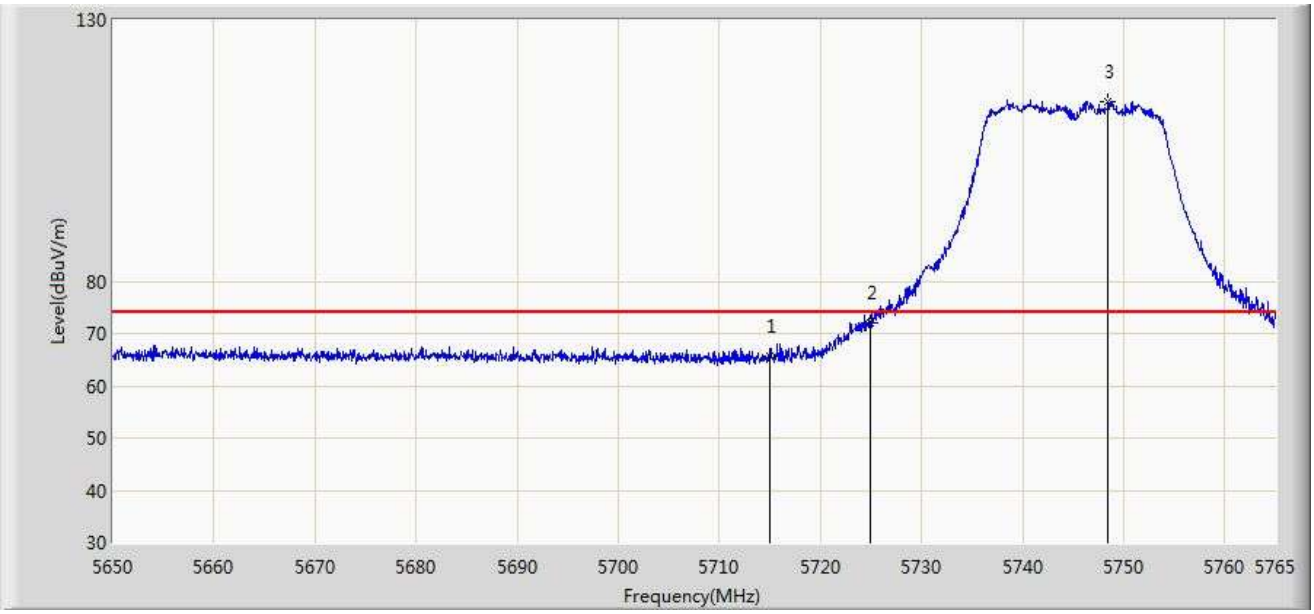


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.978	13.029	-3.022	54.000	37.949	AV
2		*	5740.103	86.989	48.938	N/A	N/A	38.051	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2	

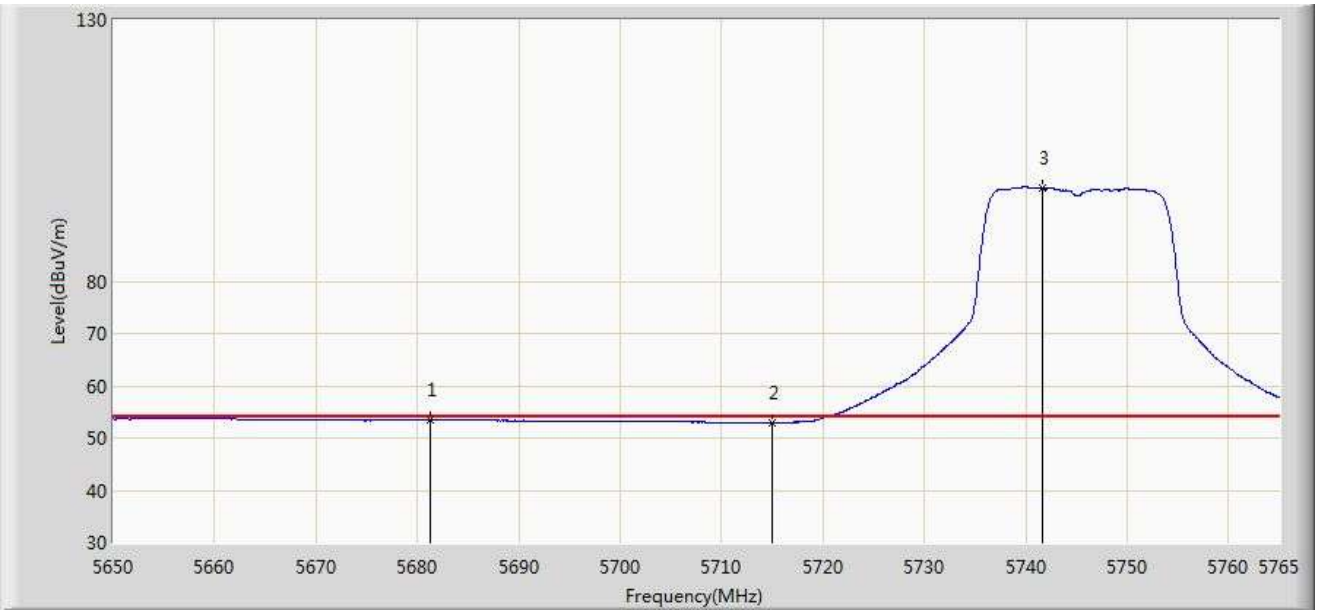


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.573	27.624	-8.427	74.000	37.949	PK
2			5725.000	71.940	33.950	-6.260	78.200	37.990	PK
3		*	5748.498	114.372	76.283	N/A	N/A	38.088	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 03:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2	

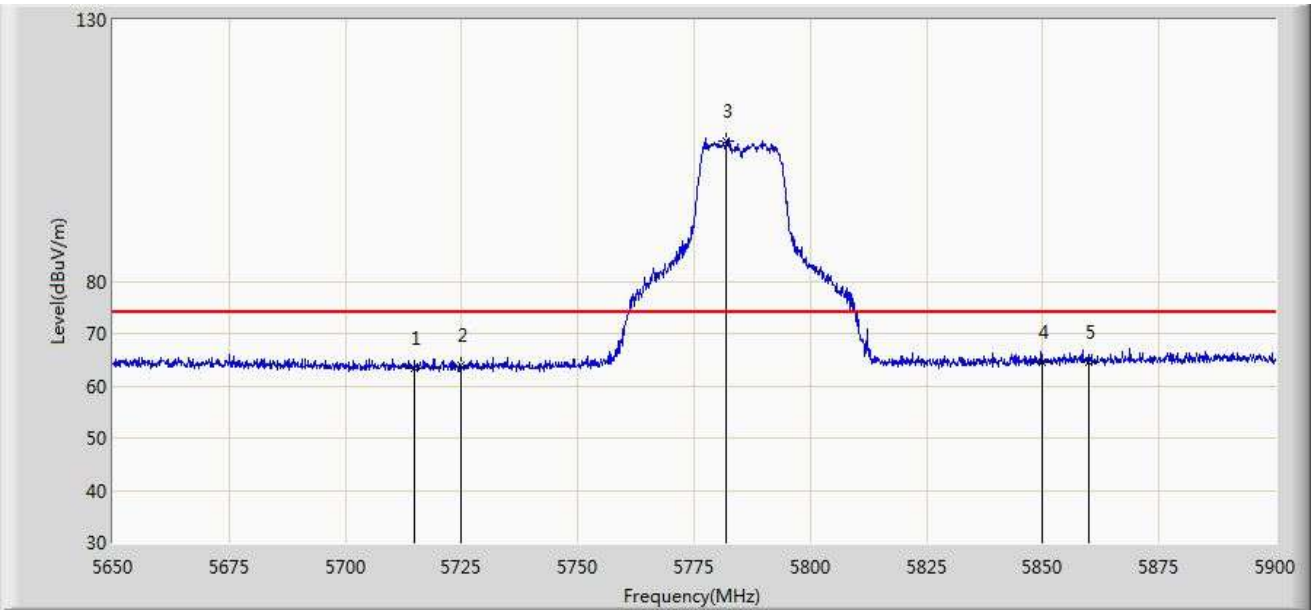


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5681.223	53.450	15.614	-0.550	54.000	37.836	AV
2			5715.000	52.963	15.014	-1.037	54.000	37.949	AV
3		*	5741.712	97.868	59.811	N/A	N/A	38.058	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1+2	

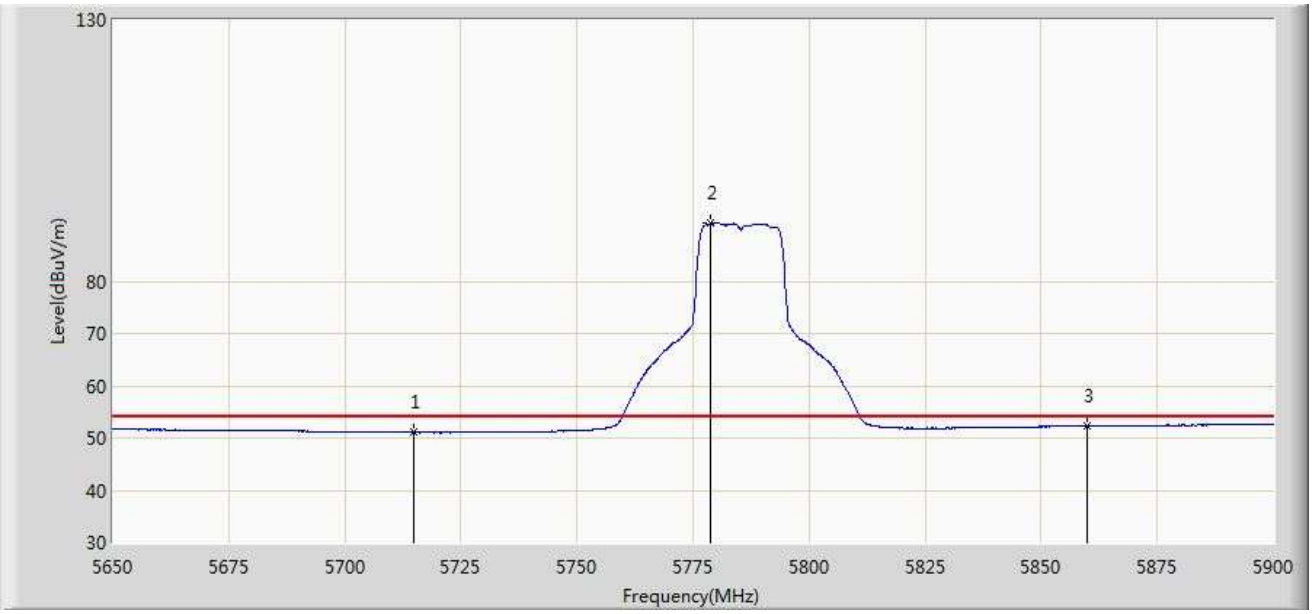


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.252	25.303	-10.748	74.000	37.949	PK
2			5725.000	63.807	25.817	-14.393	78.200	37.990	PK
3		*	5781.750	106.891	68.690	N/A	N/A	38.201	PK
4			5850.000	64.521	26.068	-13.679	78.200	38.454	PK
5			5860.000	64.519	26.041	-9.481	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1+2	

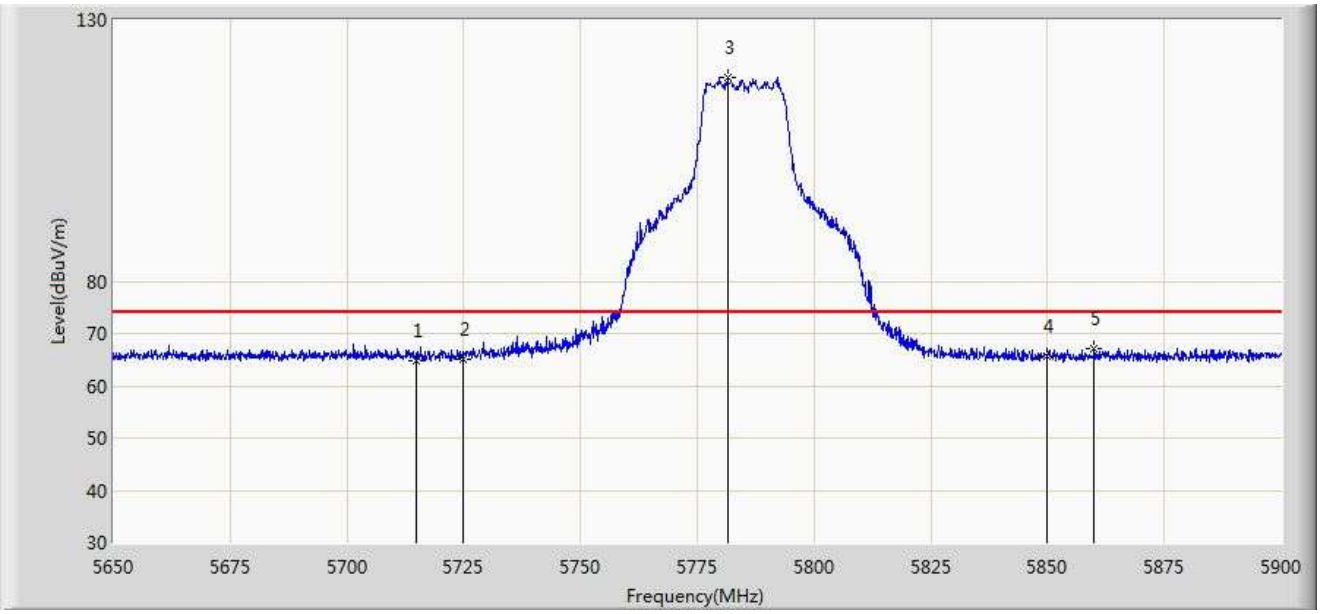


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.054	13.105	-2.946	54.000	37.949	AV
2		*	5778.625	91.036	52.847	N/A	N/A	38.189	AV
3			5860.000	52.278	13.800	-1.722	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1+2	

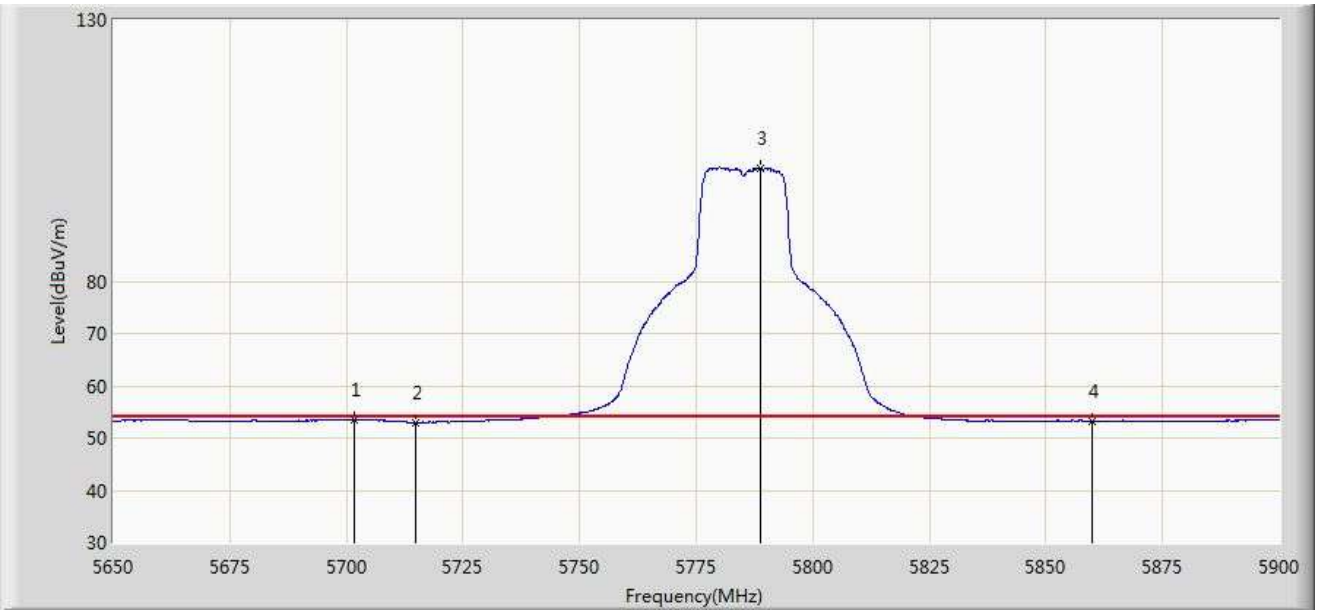


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.785	26.836	-9.215	74.000	37.949	PK
2			5725.000	65.212	27.222	-12.988	78.200	37.990	PK
3		*	5781.500	118.842	80.642	N/A	N/A	38.200	PK
4			5850.000	65.565	27.112	-12.635	78.200	38.454	PK
5			5860.000	67.027	28.549	-6.973	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz Ant 0+1+2	

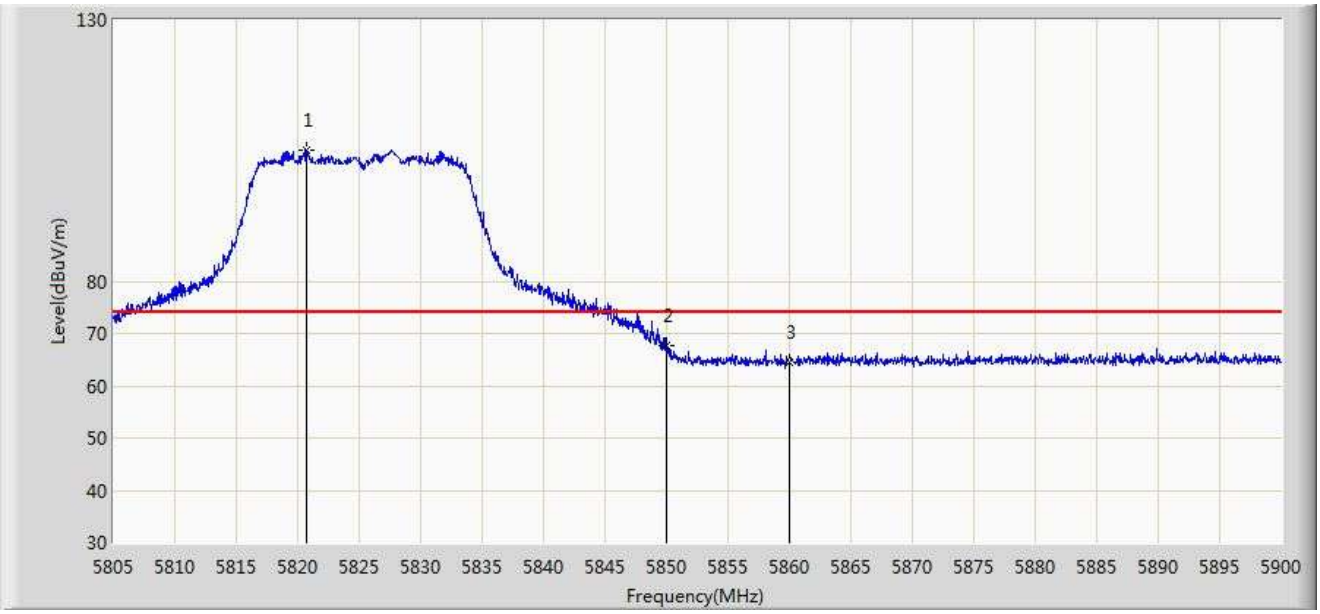


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5701.625	53.474	15.578	-0.526	54.000	37.896	AV
2			5715.000	53.006	15.057	-0.994	54.000	37.949	AV
3		*	5788.750	101.587	63.361	N/A	N/A	38.227	AV
4			5860.000	53.276	14.798	-0.724	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2	

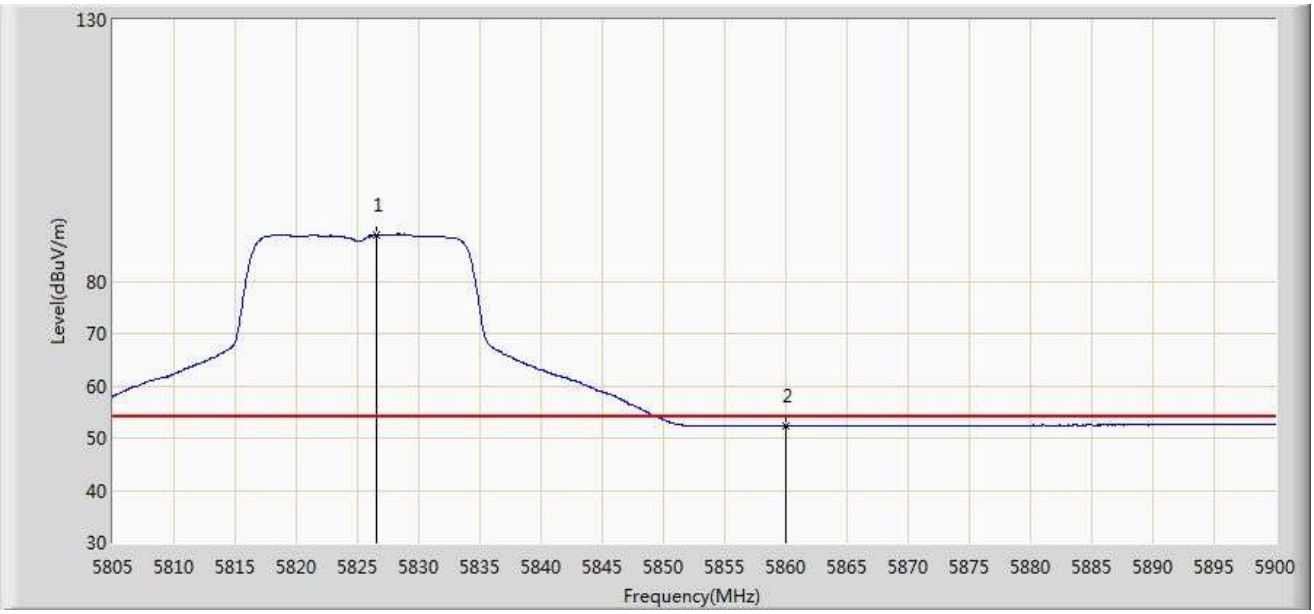


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.723	105.056	66.718	N/A	N/A	38.337	PK
2			5850.000	67.585	29.132	-10.615	78.200	38.454	PK
3			5860.000	64.517	26.039	-9.483	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2	

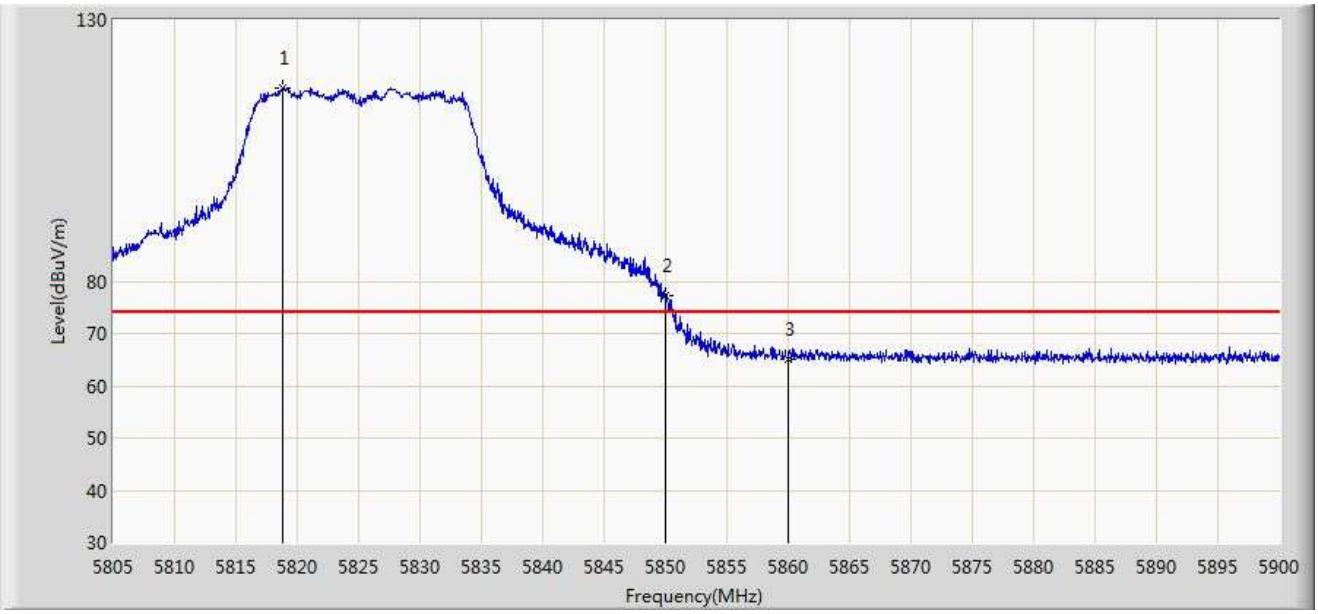


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.518	88.882	50.520	N/A	N/A	38.362	AV
2			5860.000	52.287	13.809	-1.713	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2	

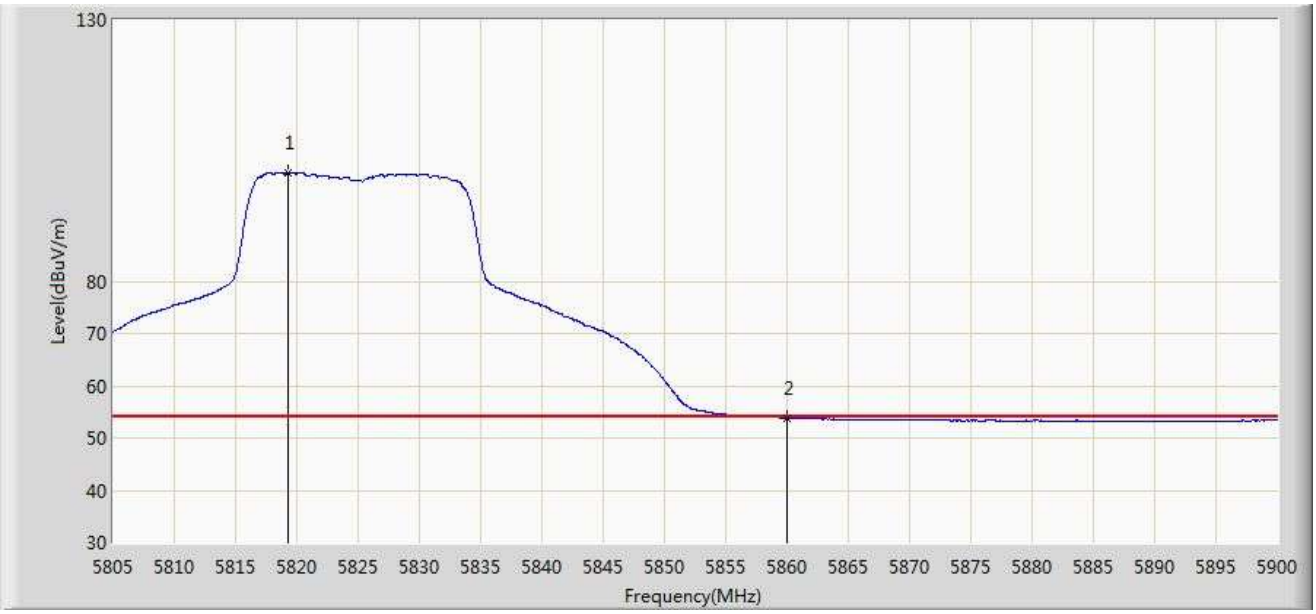


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.775	116.862	78.532	N/A	N/A	38.330	PK
2			5850.000	77.211	38.758	-0.989	78.200	38.454	PK
3			5860.000	65.132	26.654	-8.868	74.000	38.478	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2	

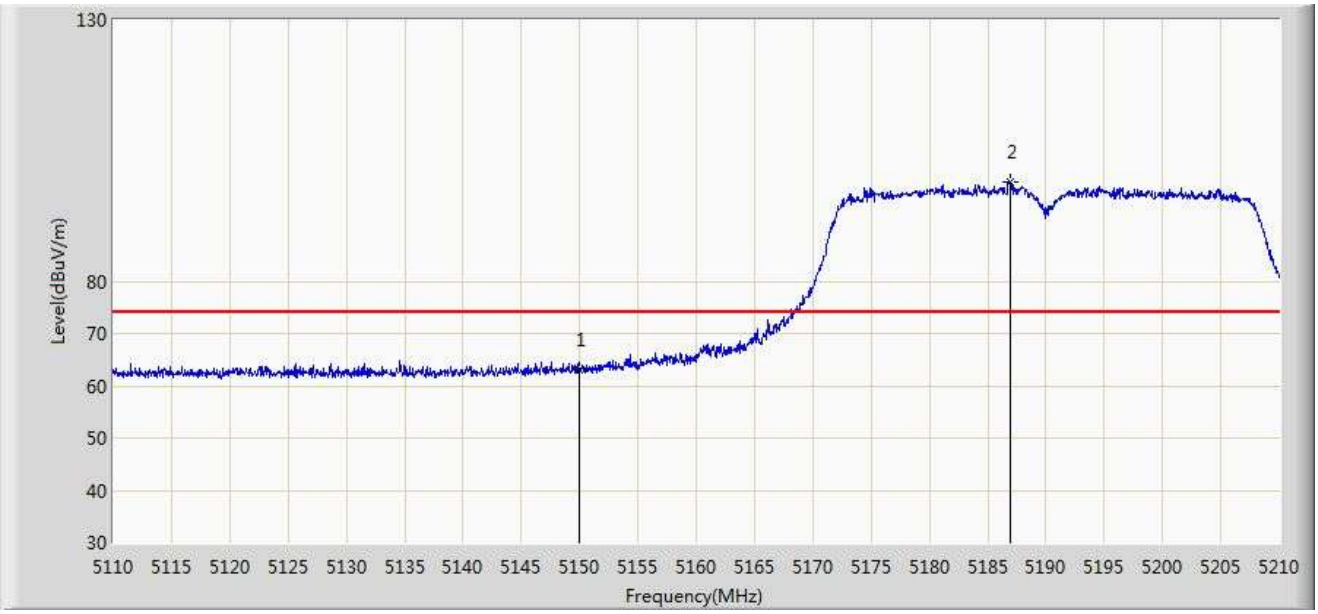


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	100.736	62.404	N/A	N/A	38.332	AV
2			5860.000	53.838	15.360	-0.162	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2	

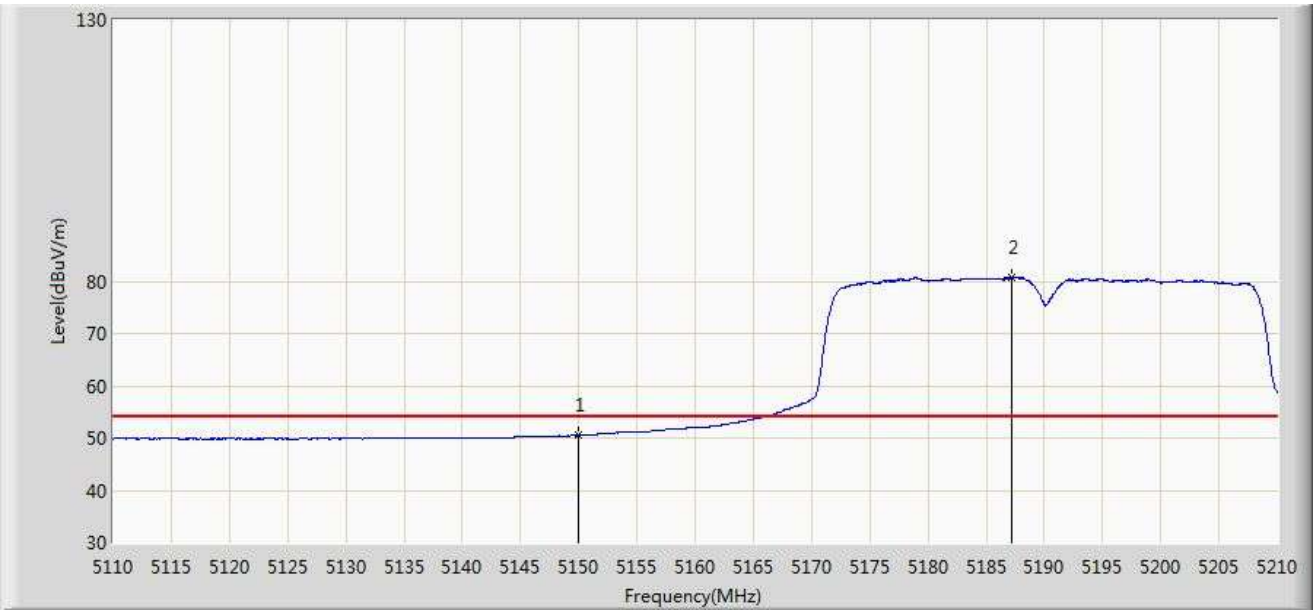


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.009	25.557	-10.991	74.000	37.452	PK
2		*	5186.950	98.985	61.628	N/A	N/A	37.356	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2	

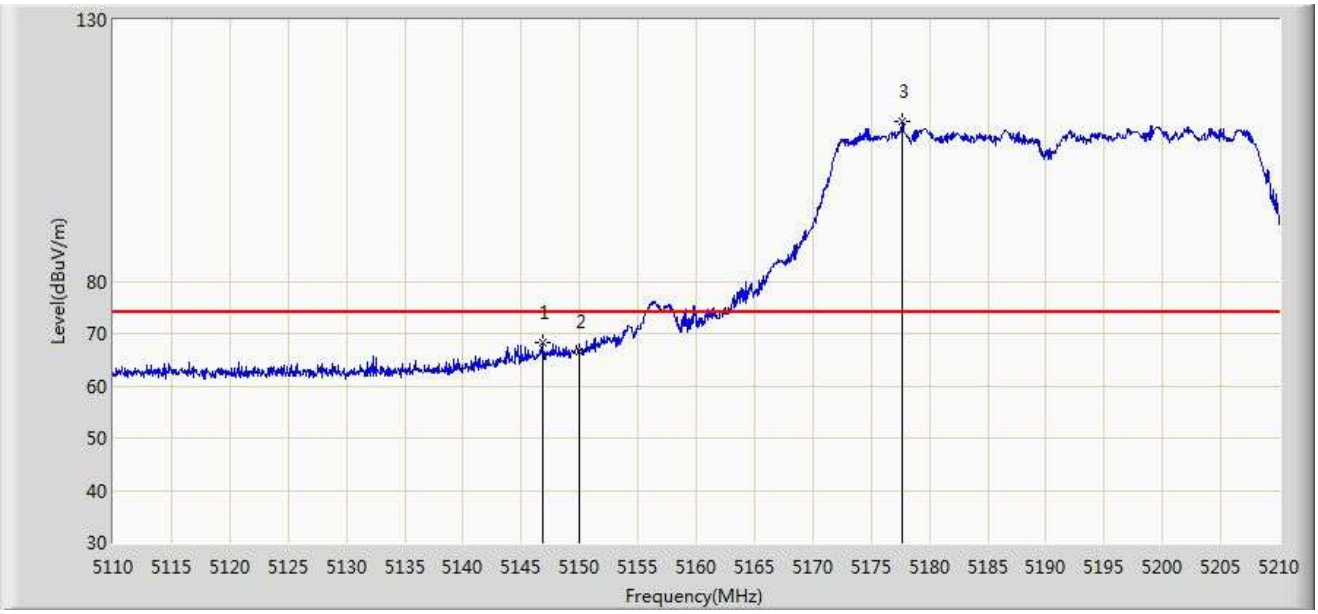


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.466	13.014	-3.534	54.000	37.452	AV
2		*	5187.250	80.777	43.421	N/A	N/A	37.356	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.900	68.397	30.940	-5.603	74.000	37.456	PK
2			5150.000	66.605	29.153	-7.395	74.000	37.452	PK
3		*	5177.650	110.593	73.214	N/A	N/A	37.379	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

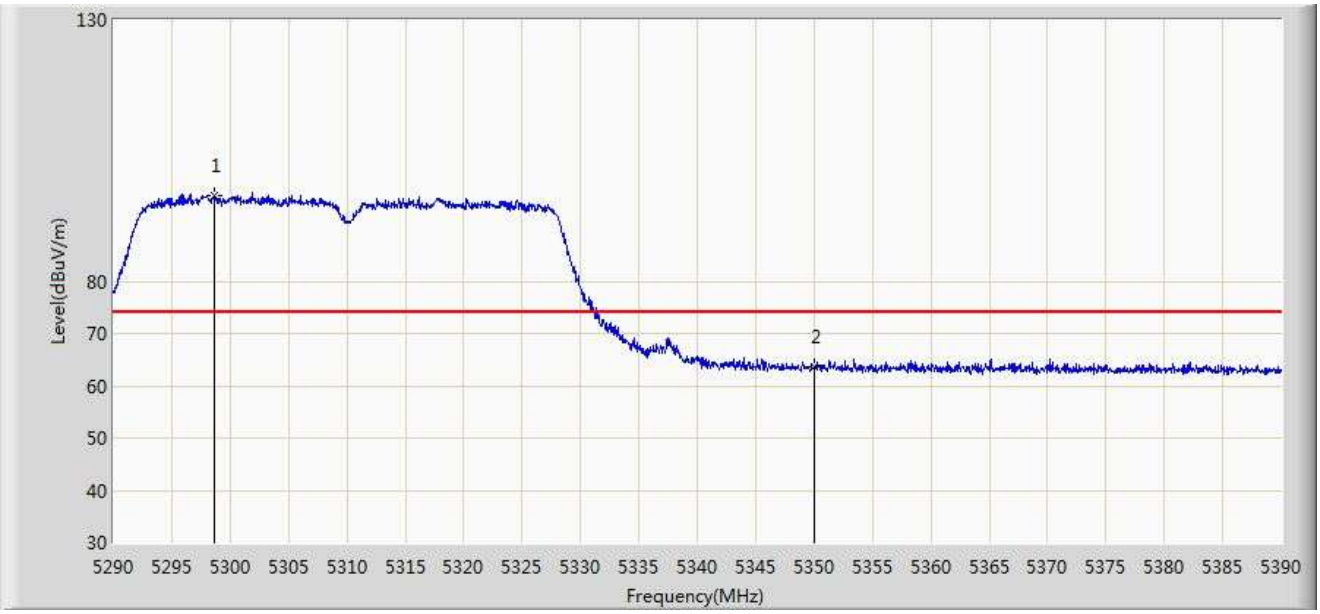
Site: AC1	Time: 2015/05/12 - 04:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.313	15.861	-0.687	54.000	37.452	AV
2		*	5197.800	89.936	52.605	N/A	N/A	37.331	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2	

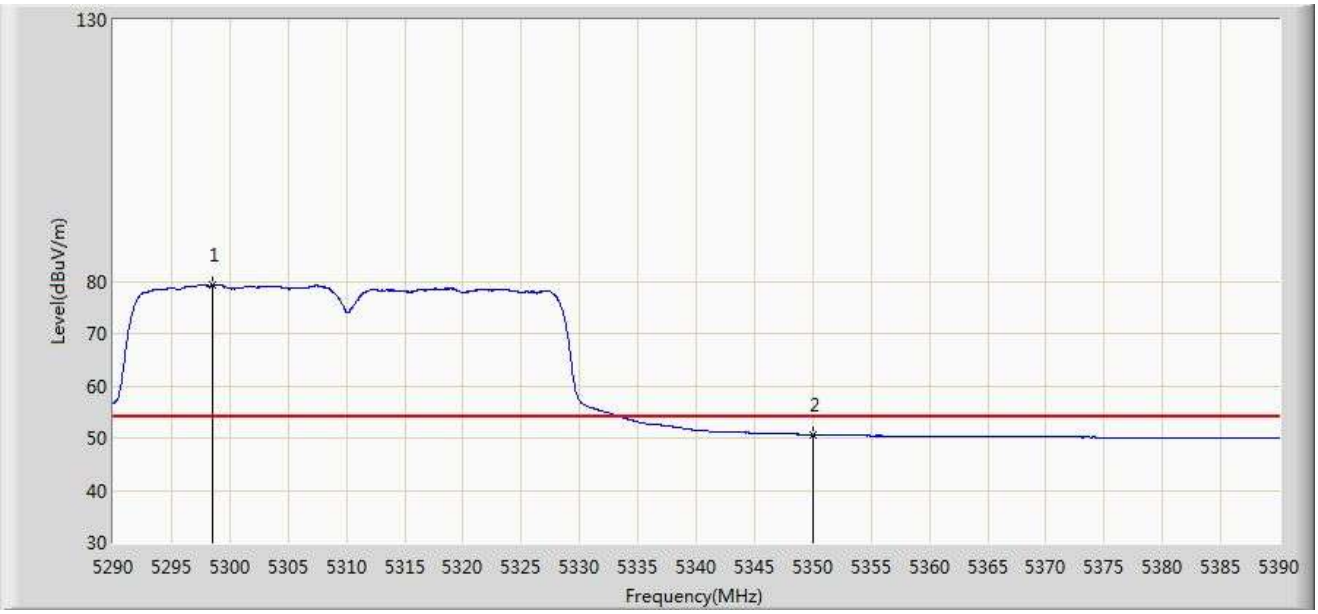


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.600	96.418	59.235	N/A	N/A	37.183	PK
2			5350.000	63.701	26.415	-10.299	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2	

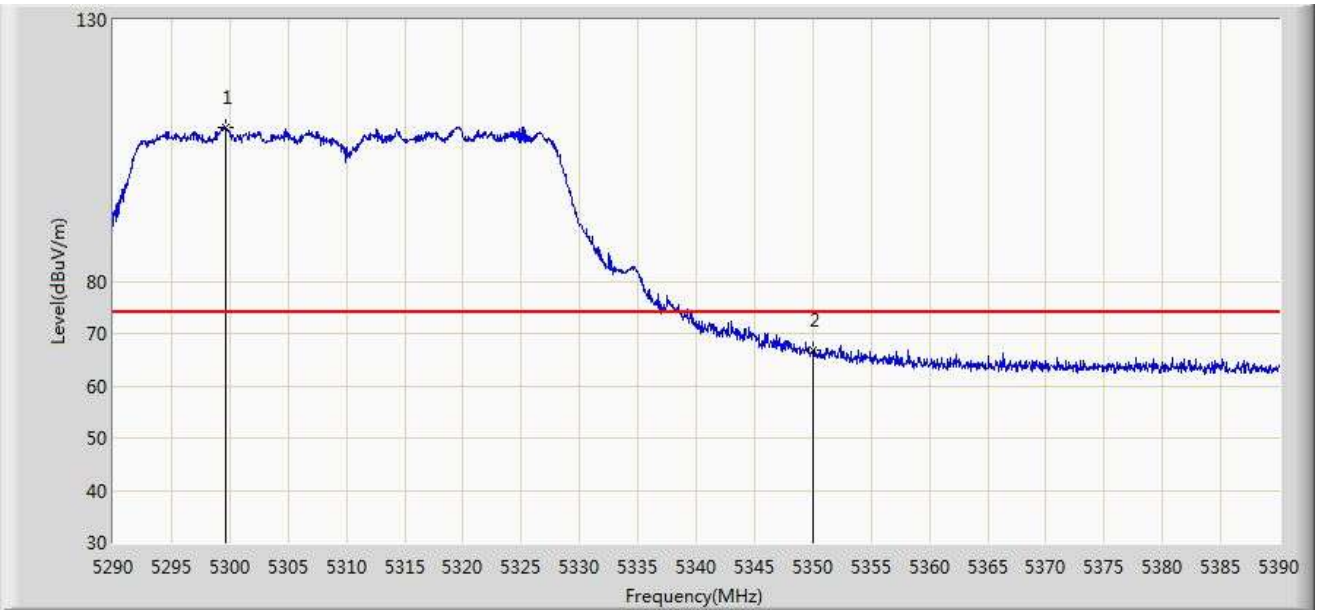


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.550	79.259	42.076	N/A	N/A	37.183	AV
2			5350.000	50.602	13.316	-3.398	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2	

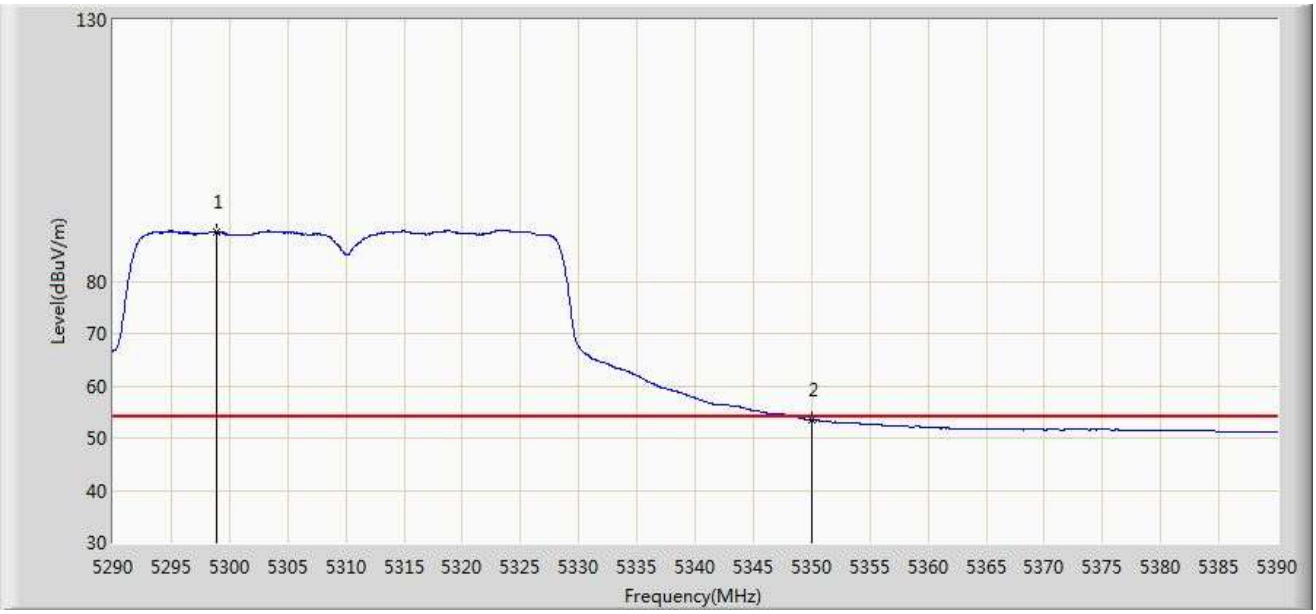


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5299.600	109.409	72.224	N/A	N/A	37.185	PK
2			5350.000	66.682	29.396	-7.318	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2	

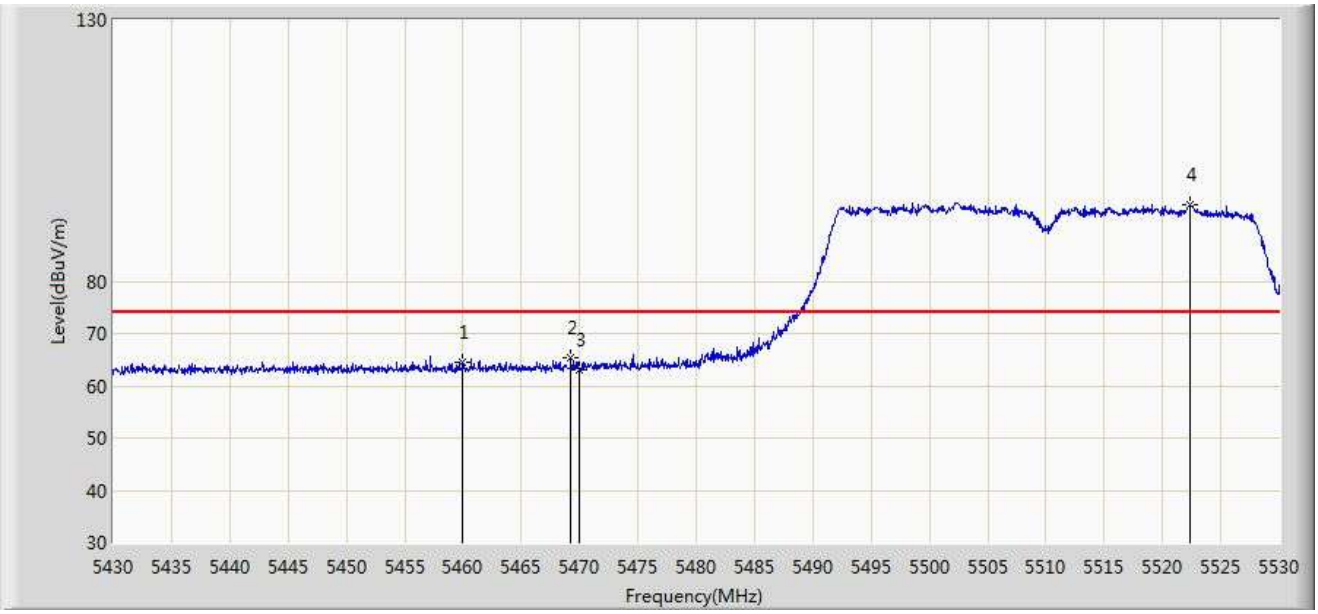


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.950	89.495	52.311	N/A	N/A	37.183	AV
2			5350.000	53.496	16.210	-0.504	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 04:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.391	26.828	-9.609	74.000	37.563	PK
2			5469.250	65.401	27.814	-8.599	74.000	37.586	PK
3			5470.000	62.998	25.409	-11.002	74.000	37.588	PK
4		*	5522.350	94.574	56.924	N/A	N/A	37.649	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

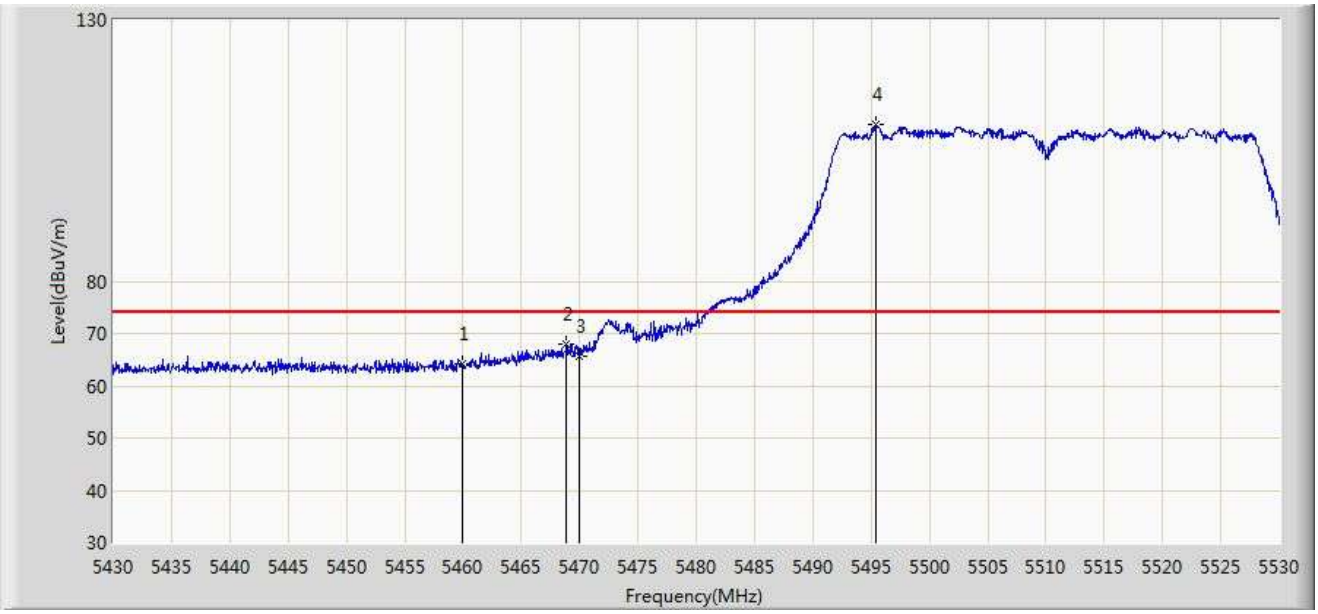
Site: AC1	Time: 2015/05/13 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.211	12.648	-3.789	54.000	37.563	AV
2		*	5503.650	77.109	39.481	N/A	N/A	37.628	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/12 - 04:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	64.103	26.540	-9.897	74.000	37.563	PK
2			5468.900	67.893	30.307	-6.107	74.000	37.586	PK
3			5470.000	65.689	28.100	-8.311	74.000	37.588	PK
4		*	5495.450	110.025	72.406	N/A	N/A	37.619	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

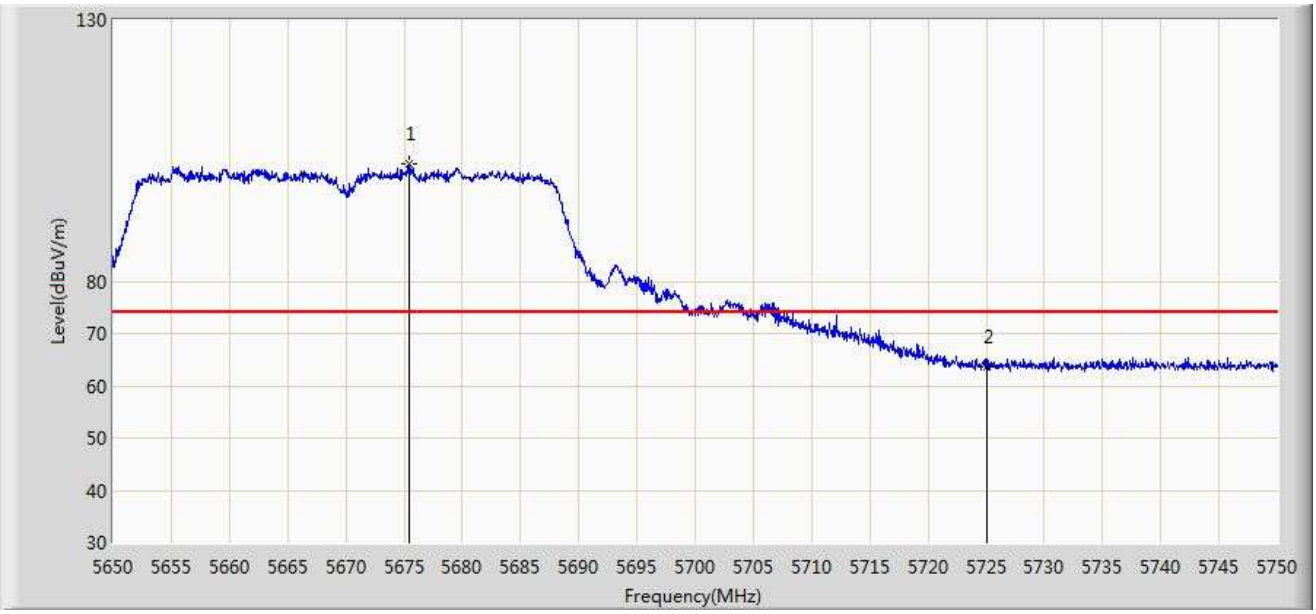
Site: AC1	Time: 2015/05/12 - 04:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.460	13.897	-2.540	54.000	37.563	AV
2		*	5503.050	90.097	52.469	N/A	N/A	37.628	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 04:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.400	102.395	64.578	N/A	N/A	37.817	PK
2			5725.000	63.655	25.665	-10.345	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

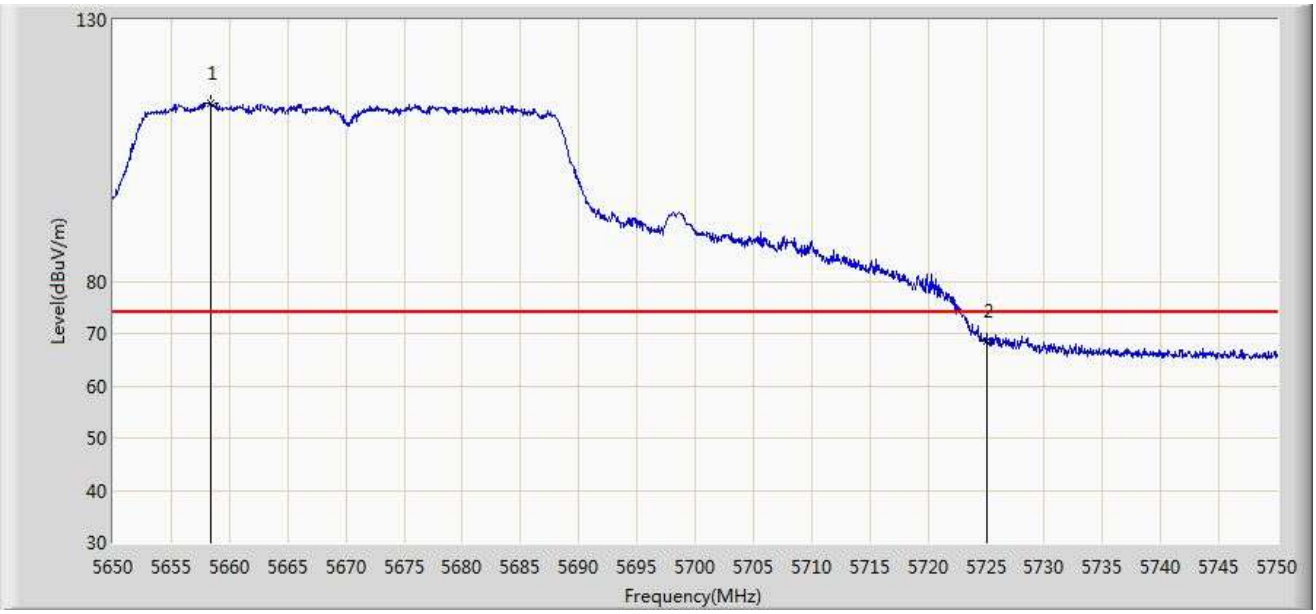
Site: AC1	Time: 2015/05/13 - 04:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5683.550	82.762	44.919	N/A	N/A	37.843	AV
2			5725.000	51.062	13.072	-2.938	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 04:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5658.350	114.086	76.292	N/A	N/A	37.795	PK
2			5725.000	68.532	30.542	-5.468	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

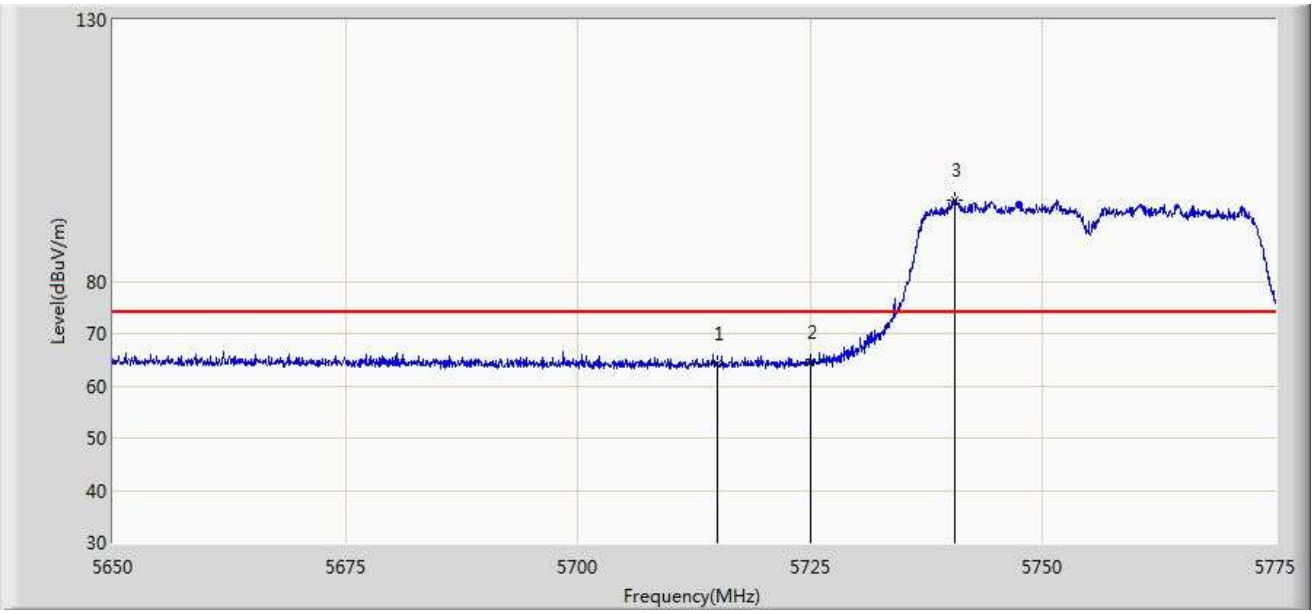
Site: AC1	Time: 2015/05/13 - 04:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5658.950	93.573	55.778	N/A	N/A	37.795	AV
2			5725.000	53.876	15.886	-0.124	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 20:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2	

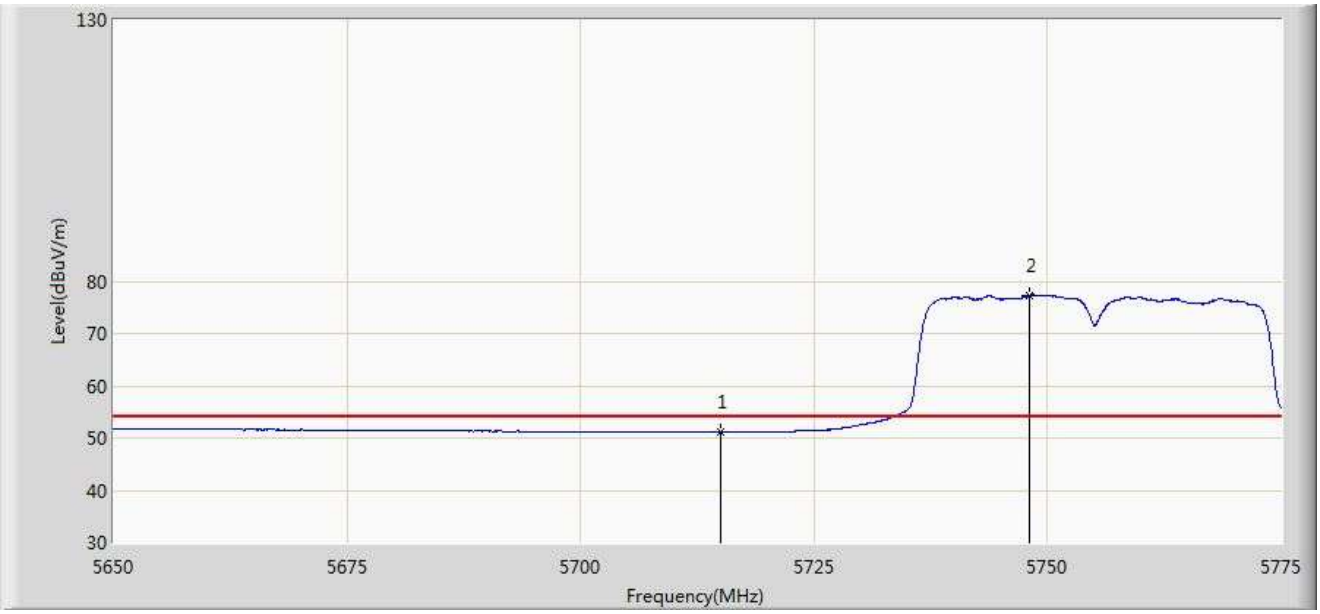


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.150	26.201	-9.850	74.000	37.949	PK
2			5725.000	64.423	26.433	-13.777	78.200	37.990	PK
3		*	5740.500	95.592	57.539	N/A	N/A	38.053	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2	

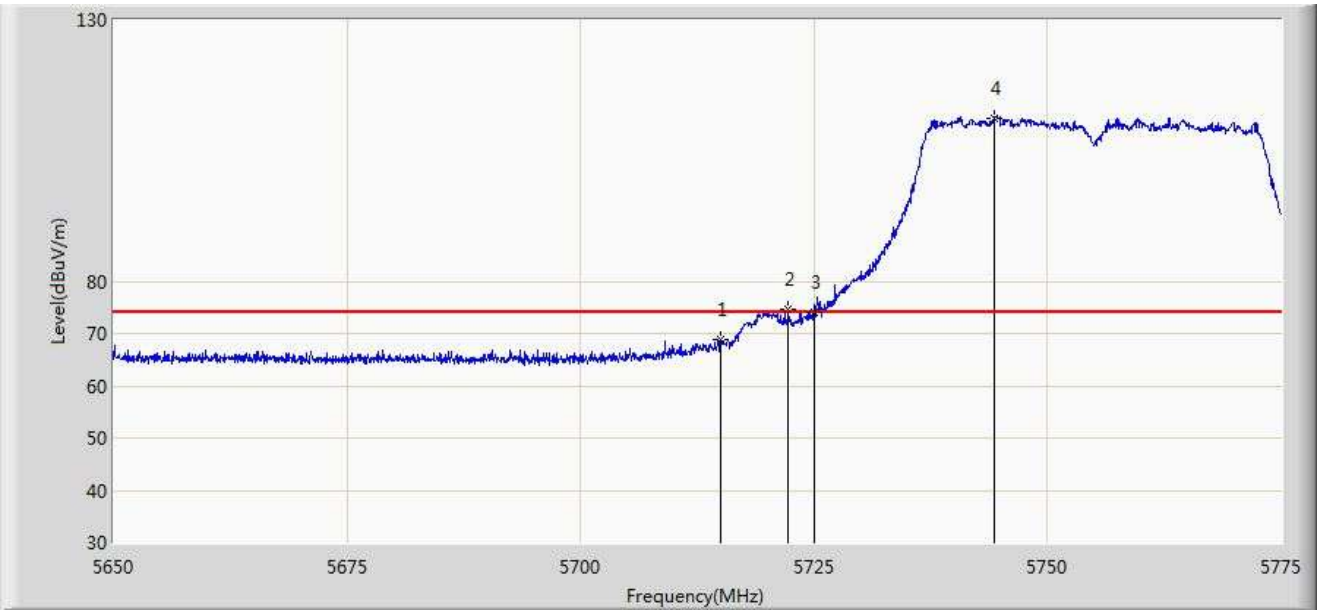


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.133	13.184	-2.867	54.000	37.949	AV
2		*	5748.125	77.375	39.288	N/A	N/A	38.087	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2	

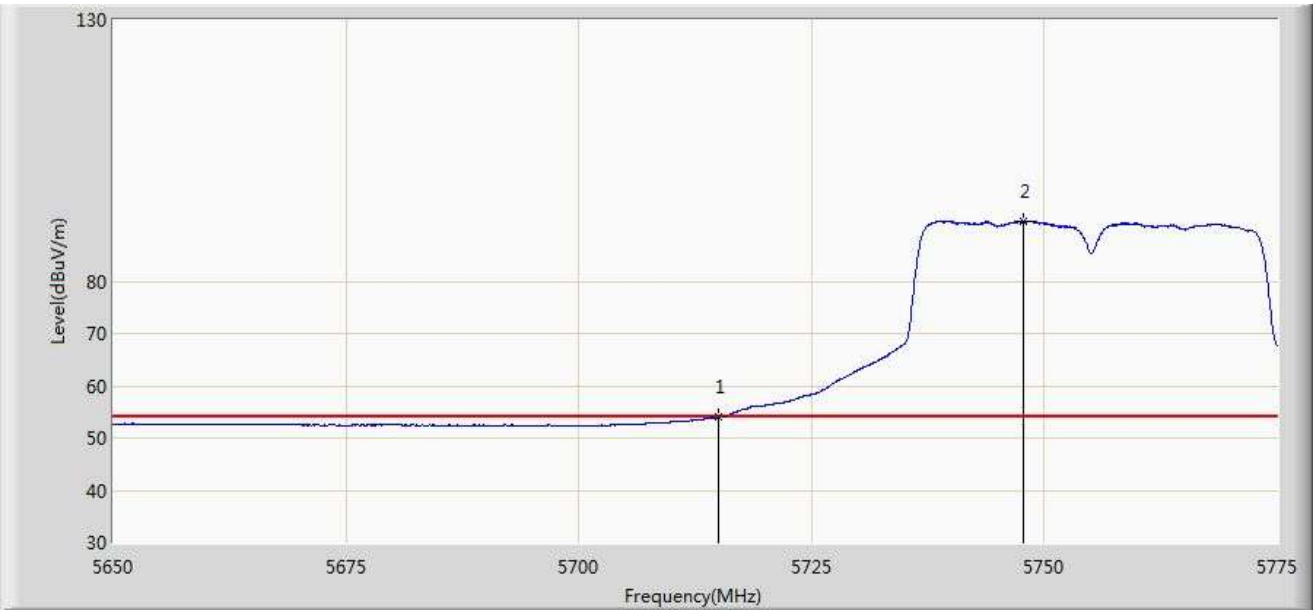


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.757	30.808	-5.243	74.000	37.949	PK
2			5722.250	74.636	36.658	-3.564	78.200	37.978	PK
3			5725.000	74.158	36.168	-4.042	78.200	37.990	PK
4		*	5744.312	111.221	73.153	N/A	N/A	38.069	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2	

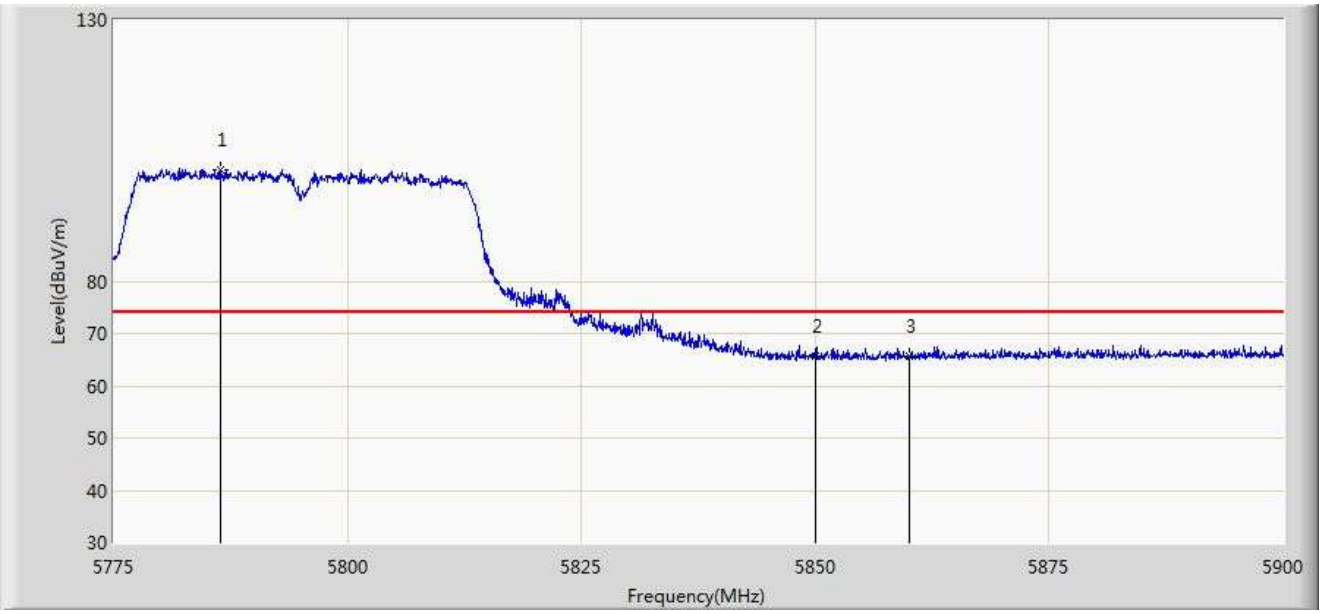


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.966	16.017	-0.034	54.000	37.949	AV
2		*	5747.687	91.403	53.318	N/A	N/A	38.084	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2	

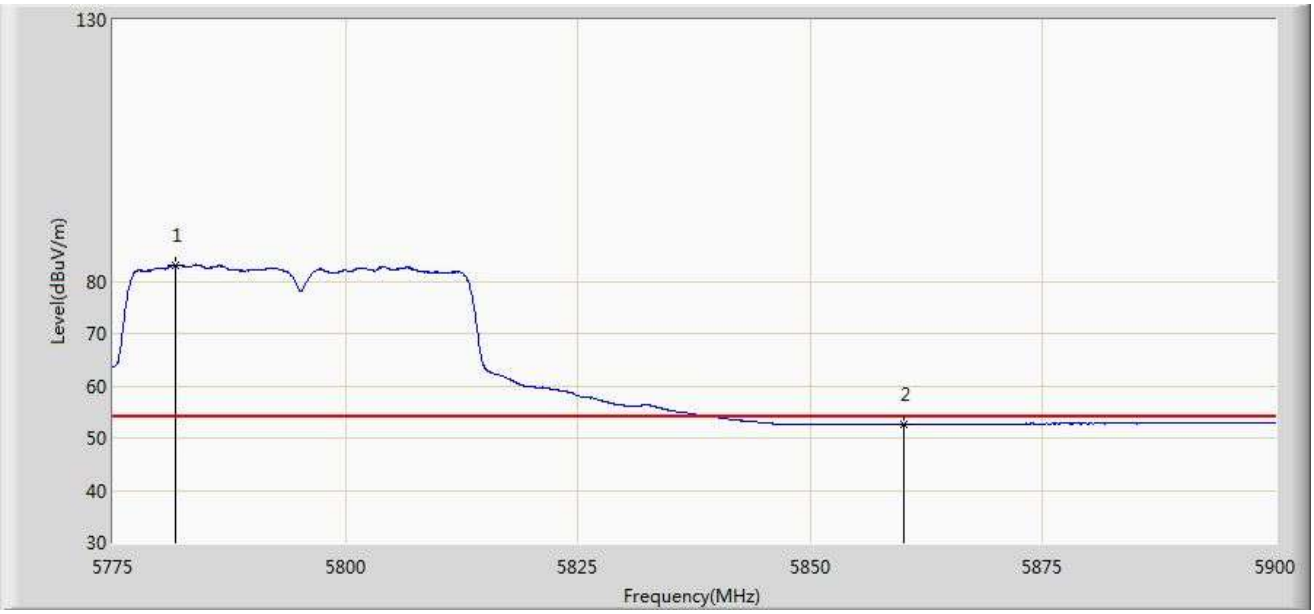


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.437	101.350	63.132	N/A	N/A	38.218	PK
2			5850.000	65.560	27.107	-12.640	78.200	38.454	PK
3			5860.000	65.736	27.258	-8.264	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2	

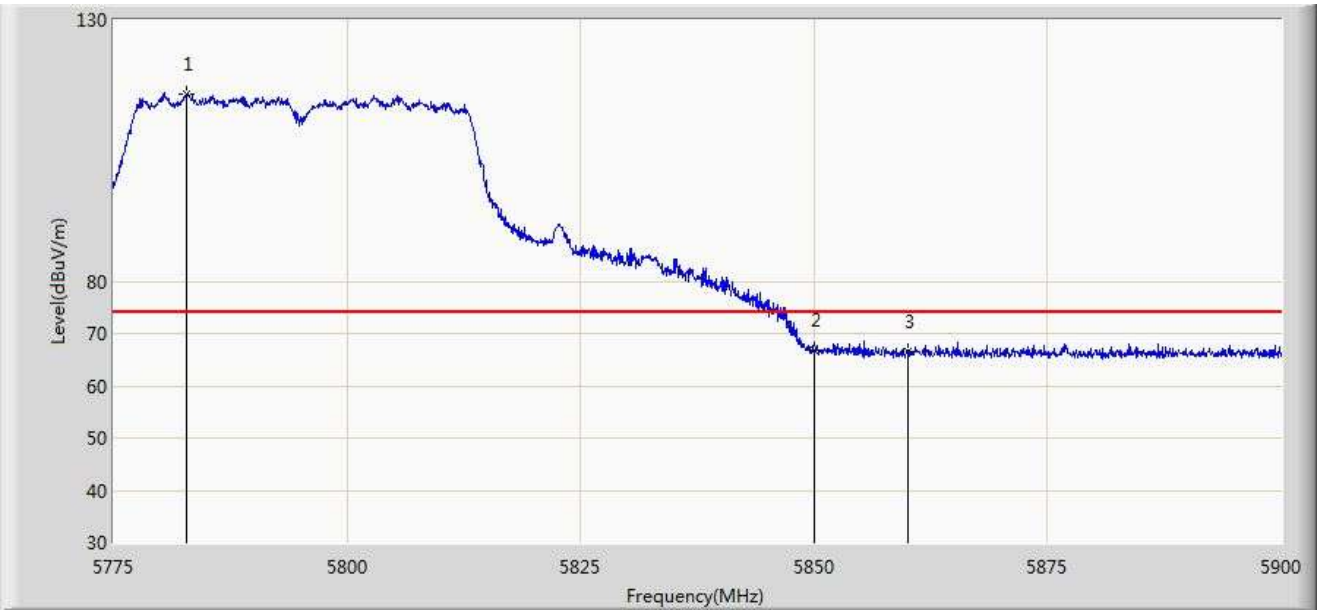


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.750	83.089	44.888	N/A	N/A	38.201	AV
2			5860.000	52.660	14.182	-1.340	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2	

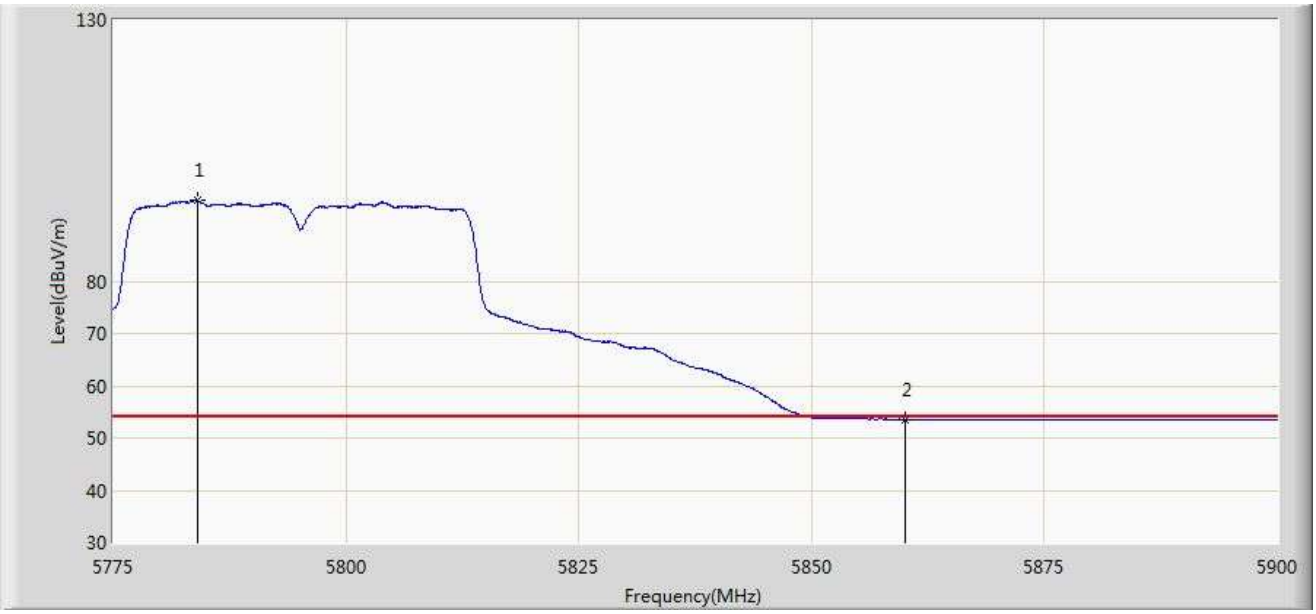


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.875	115.672	77.467	N/A	N/A	38.205	PK
2			5850.000	66.844	28.391	-11.356	78.200	38.454	PK
3			5860.000	66.482	28.004	-7.518	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2	

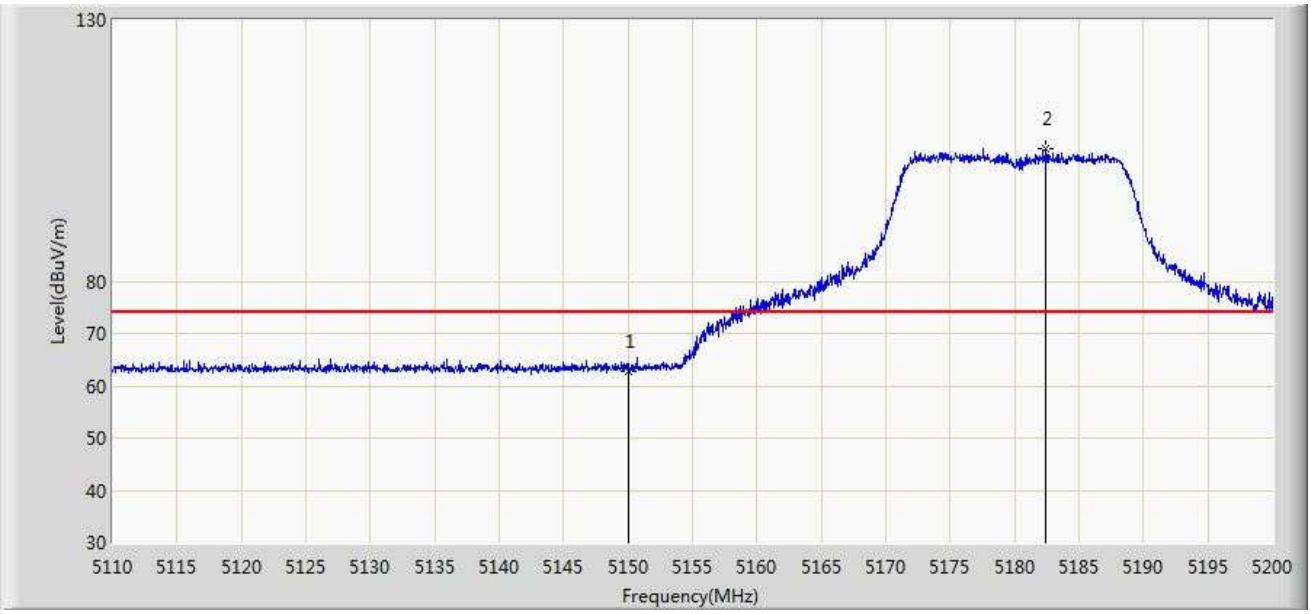


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.062	95.402	57.193	N/A	N/A	38.209	AV
2			5860.000	53.603	15.125	-0.397	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2	

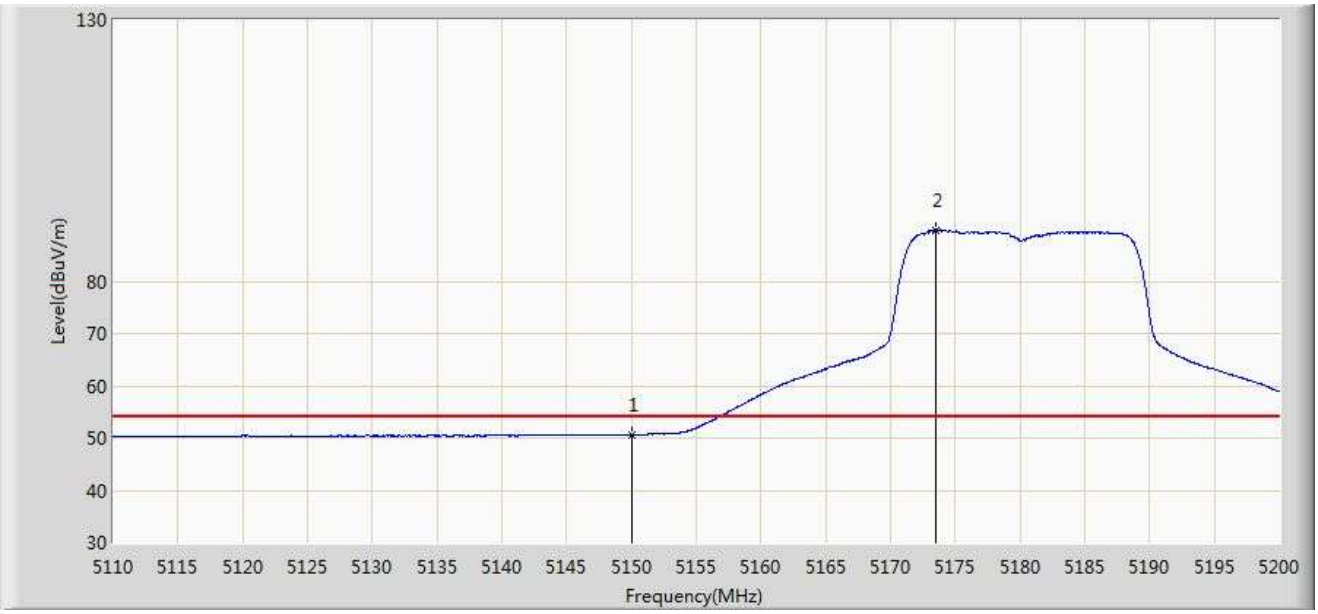


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.855	25.403	-11.145	74.000	37.452	PK
2		*	5182.450	105.467	68.099	N/A	N/A	37.368	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2	

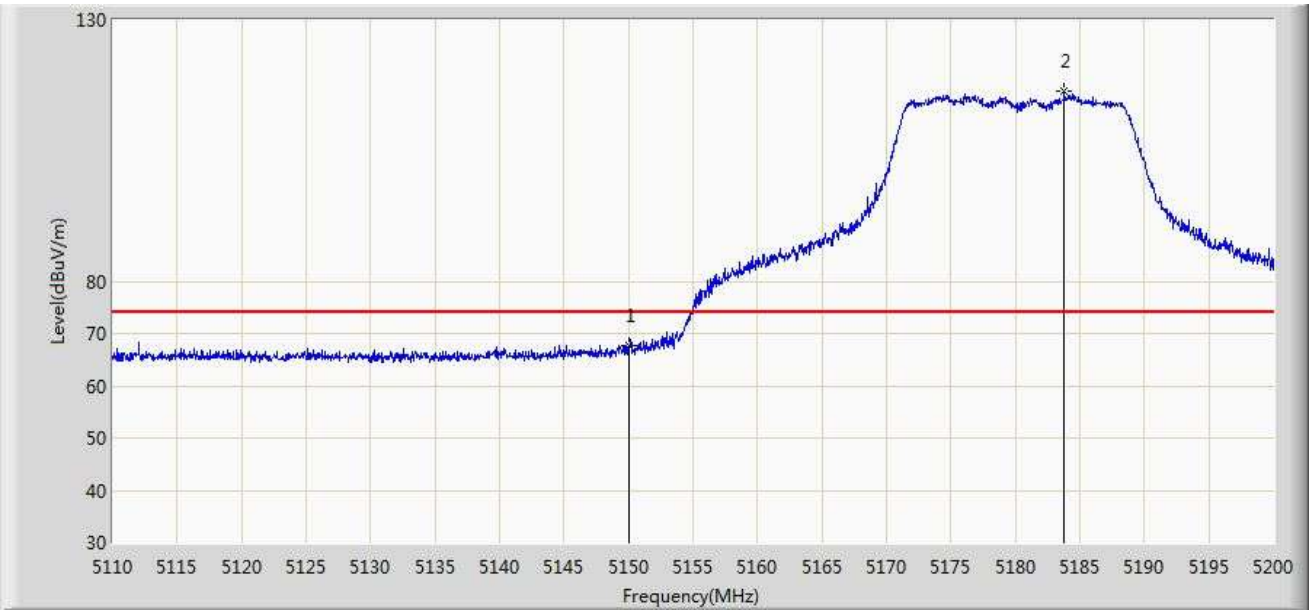


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.644	13.192	-3.356	54.000	37.452	AV
2		*	5173.450	89.815	52.426	N/A	N/A	37.389	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2	

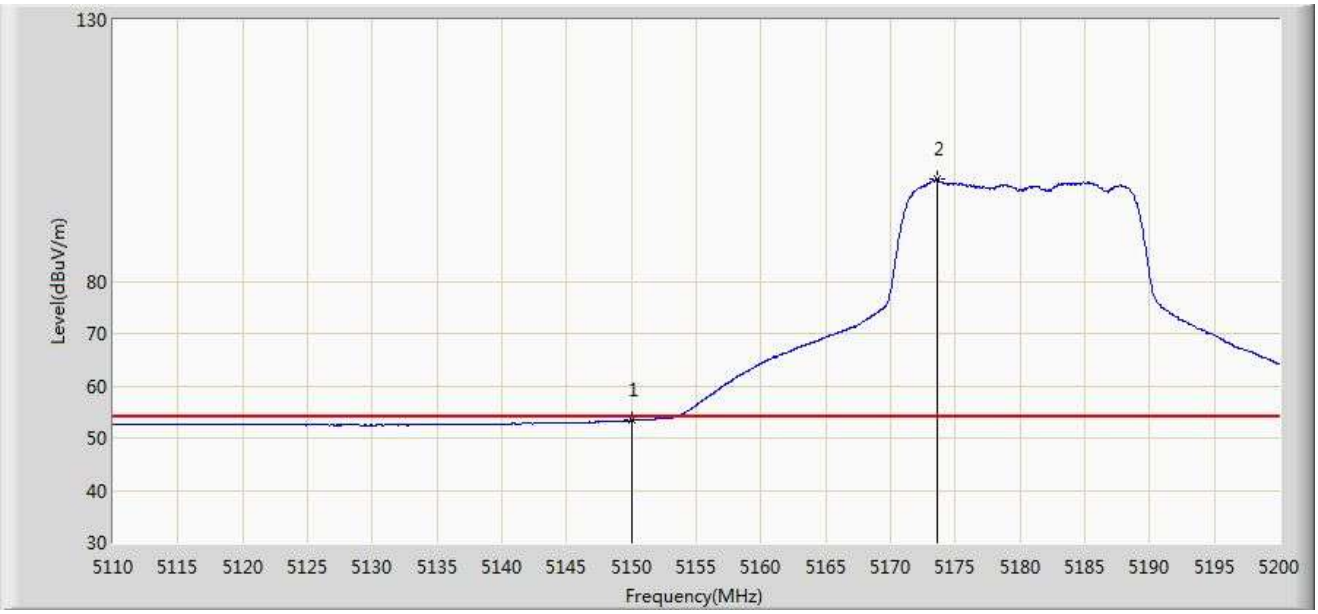


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.611	30.159	-6.389	74.000	37.452	PK
2		*	5183.800	116.443	79.078	N/A	N/A	37.365	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2	

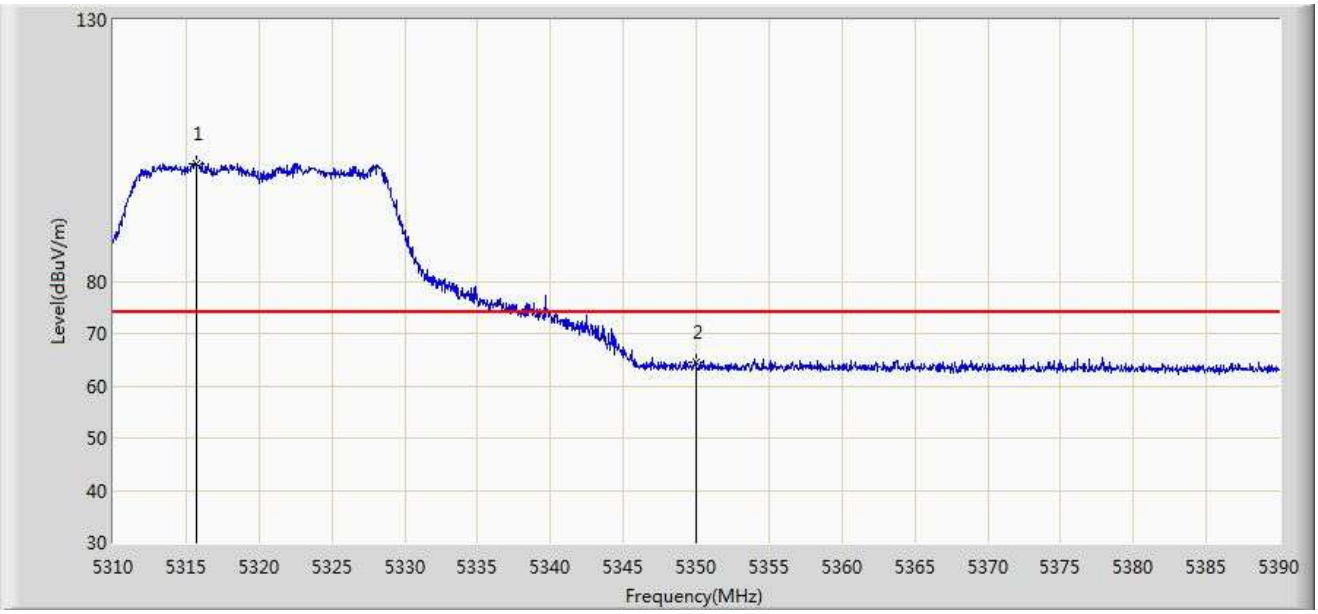


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.343	15.891	-0.657	54.000	37.452	AV
2		*	5173.630	99.448	62.060	N/A	N/A	37.388	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2	

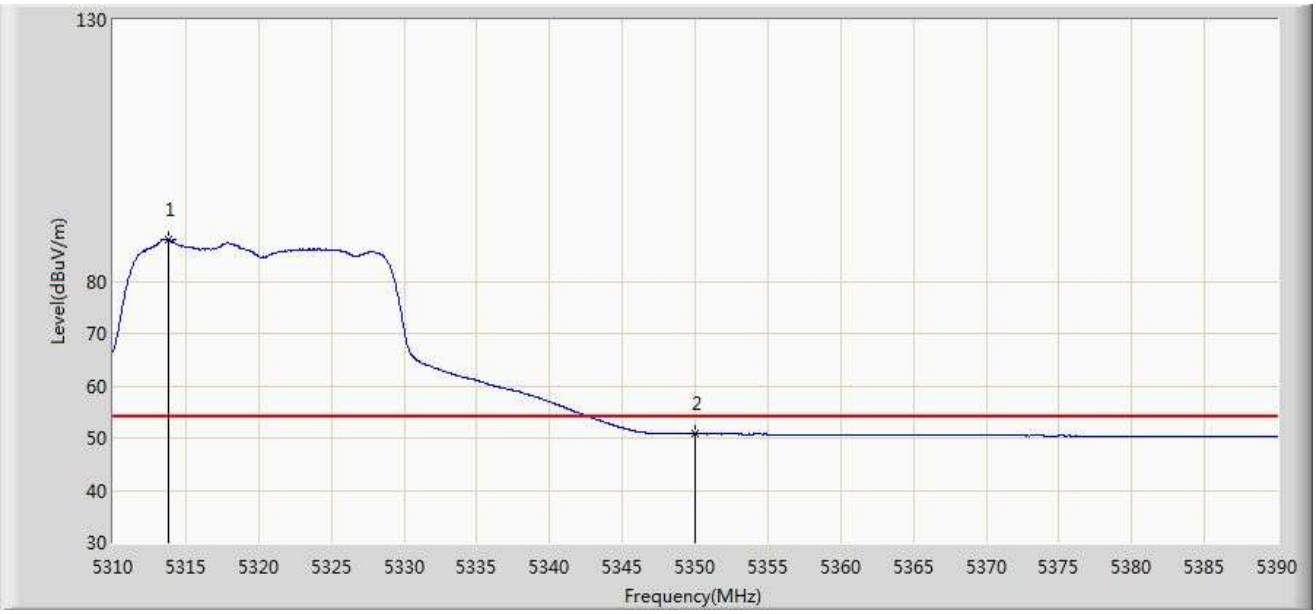


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.720	102.546	65.340	N/A	N/A	37.206	PK
2			5350.000	64.351	27.065	-9.649	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2	

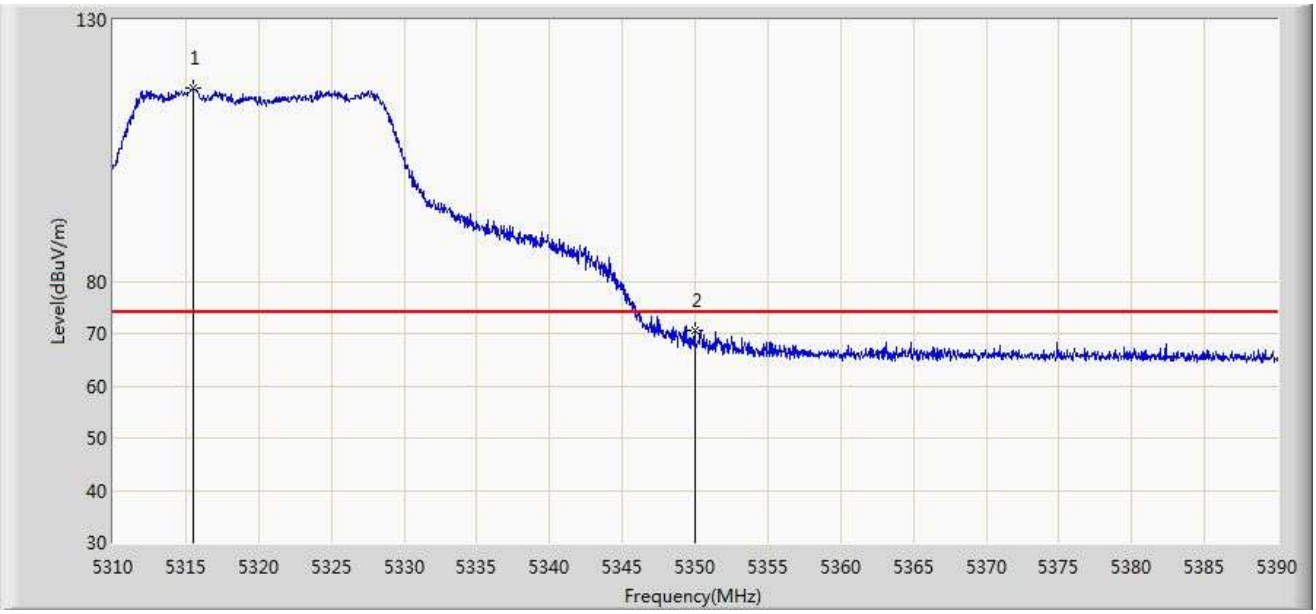


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.800	88.073	50.871	N/A	N/A	37.203	AV
2			5350.000	50.797	13.511	-3.203	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2	

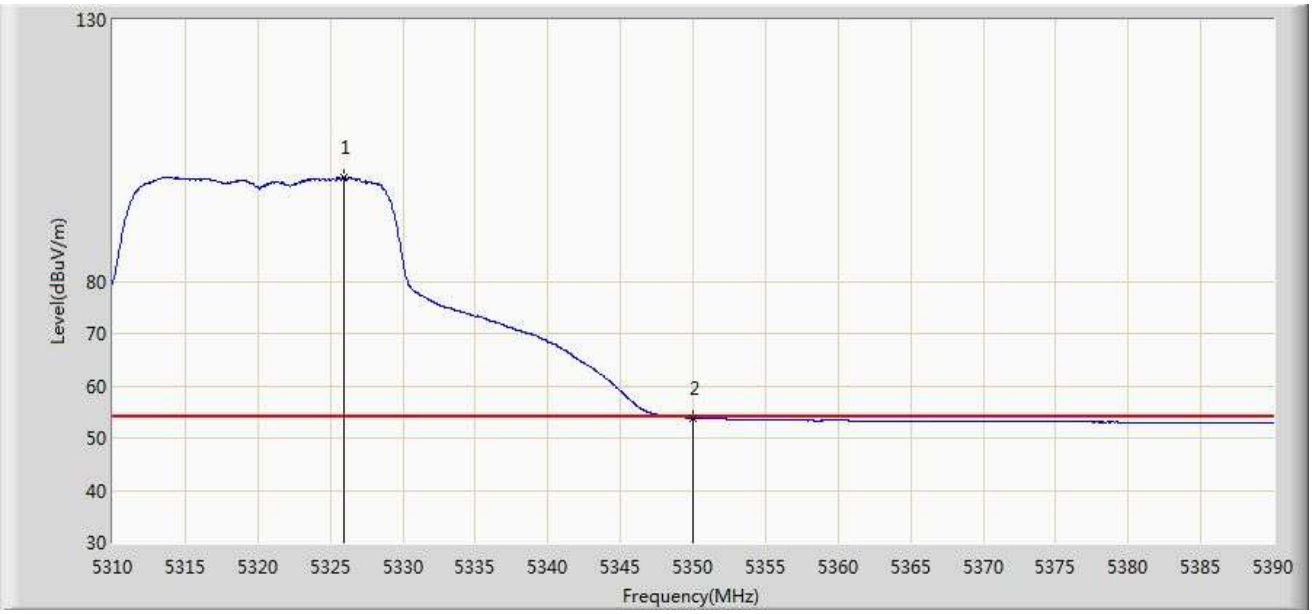


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.480	116.842	79.637	N/A	N/A	37.206	PK
2			5350.000	70.675	33.389	-3.325	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2	

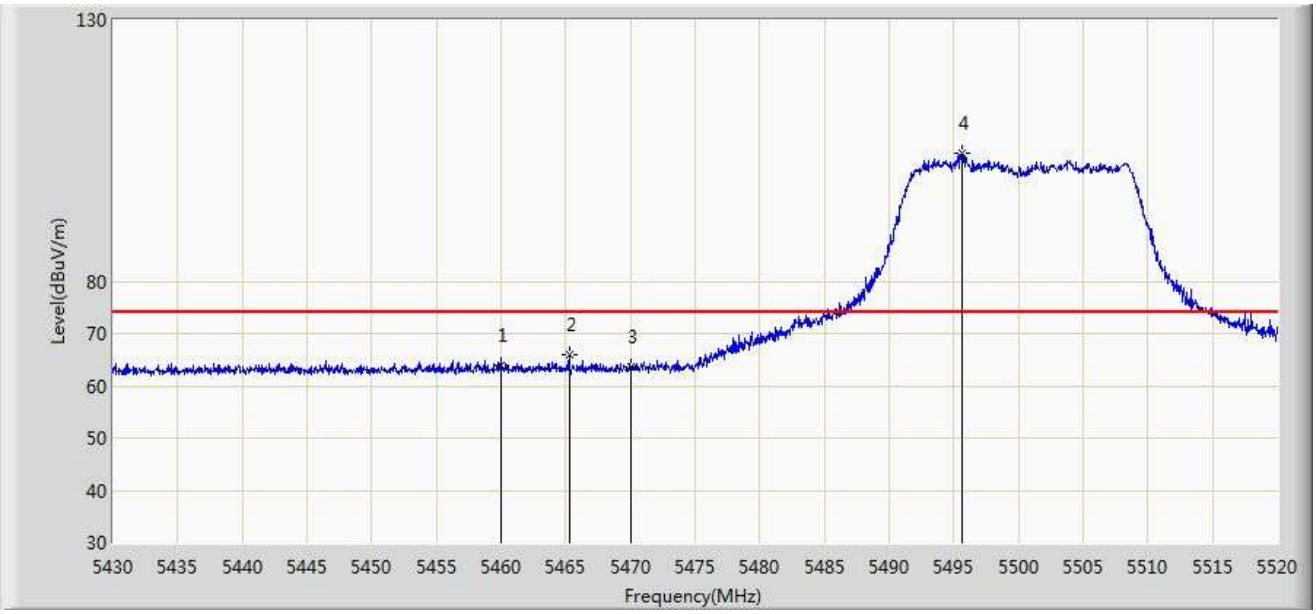


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.920	99.739	62.515	N/A	N/A	37.224	AV
2			5350.000	53.864	16.578	-0.136	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2	

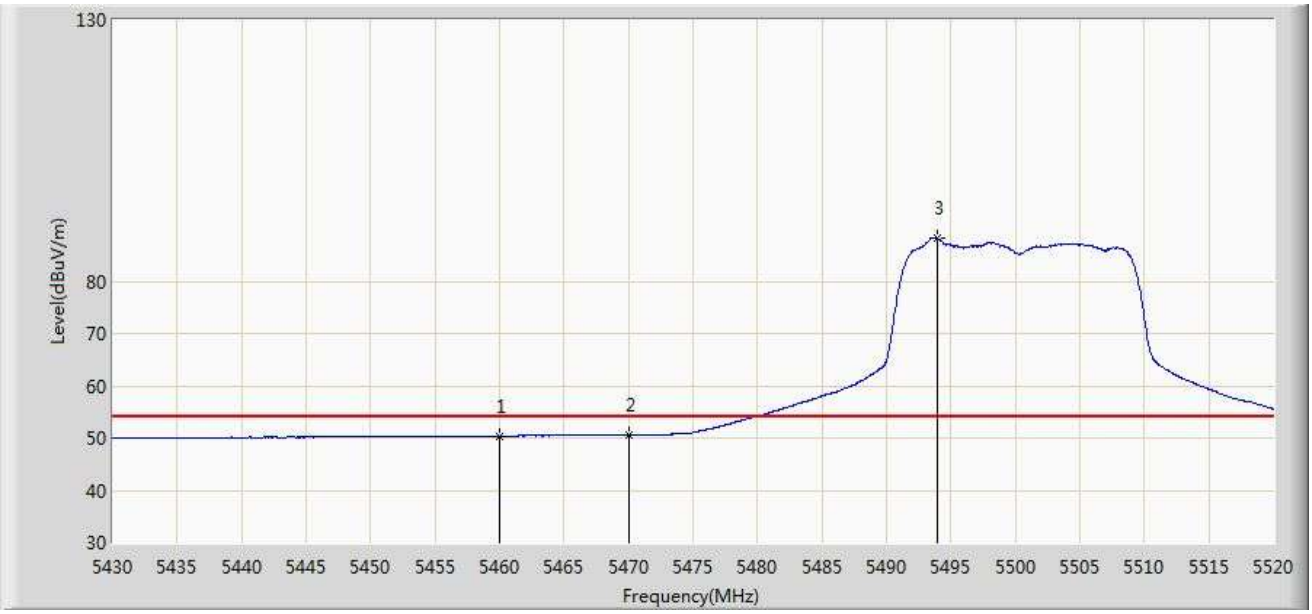


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.797	26.234	-10.203	74.000	37.563	PK
2			5465.280	65.913	28.337	-8.087	74.000	37.576	PK
3			5470.000	63.510	25.921	-10.490	74.000	37.588	PK
4		*	5495.655	104.410	66.790	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2	

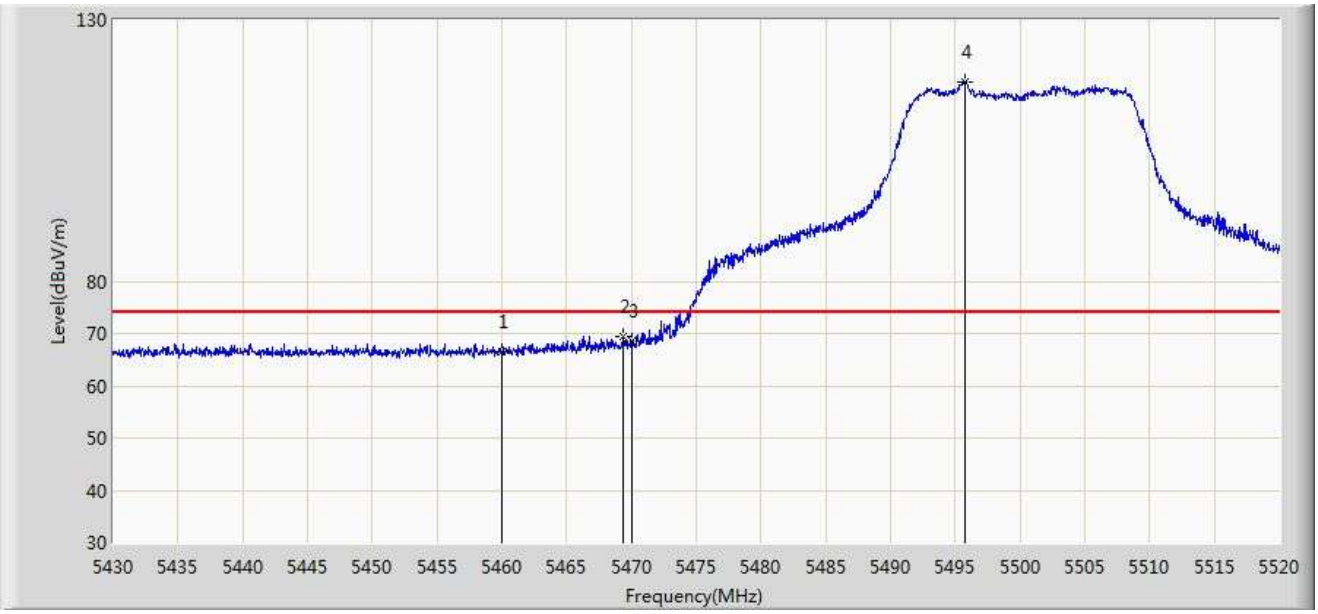


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.403	12.840	-3.597	54.000	37.563	AV
2			5470.000	50.570	12.981	-3.430	54.000	37.588	AV
3		*	5493.900	88.345	50.727	N/A	N/A	37.617	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2	

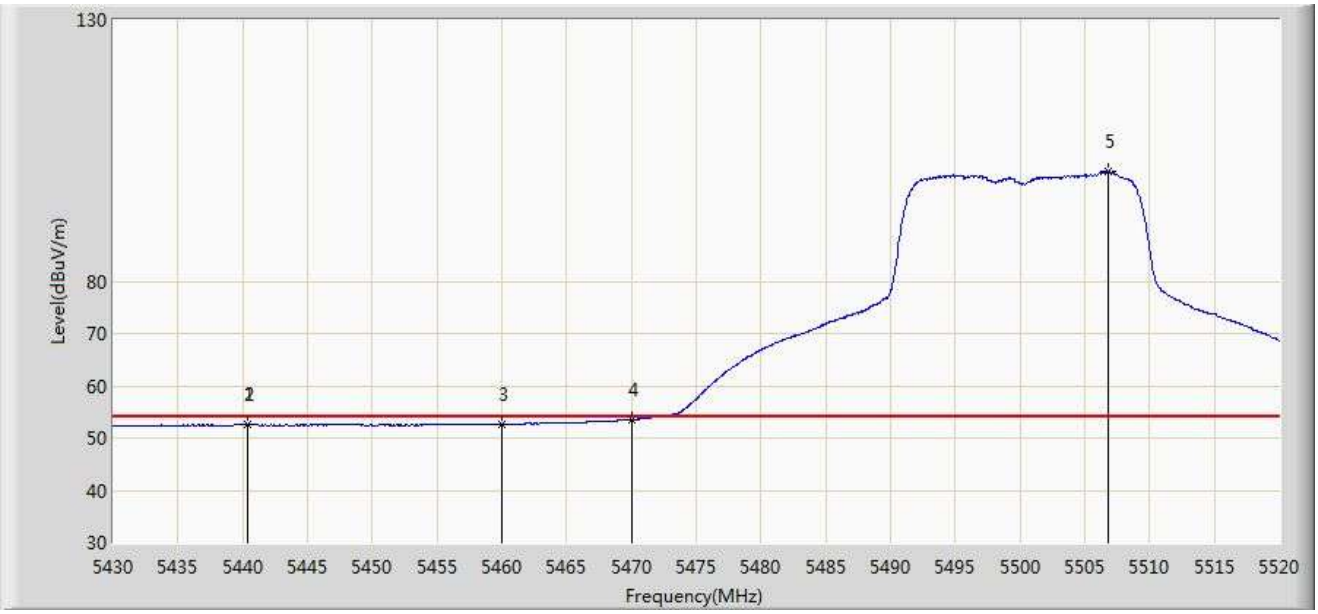


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	66.432	28.869	-7.568	74.000	37.563	PK
2			5469.375	69.290	31.703	-4.710	74.000	37.587	PK
3			5470.000	68.650	31.061	-5.350	74.000	37.588	PK
4		*	5495.745	118.052	80.432	N/A	N/A	37.619	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 00:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2	

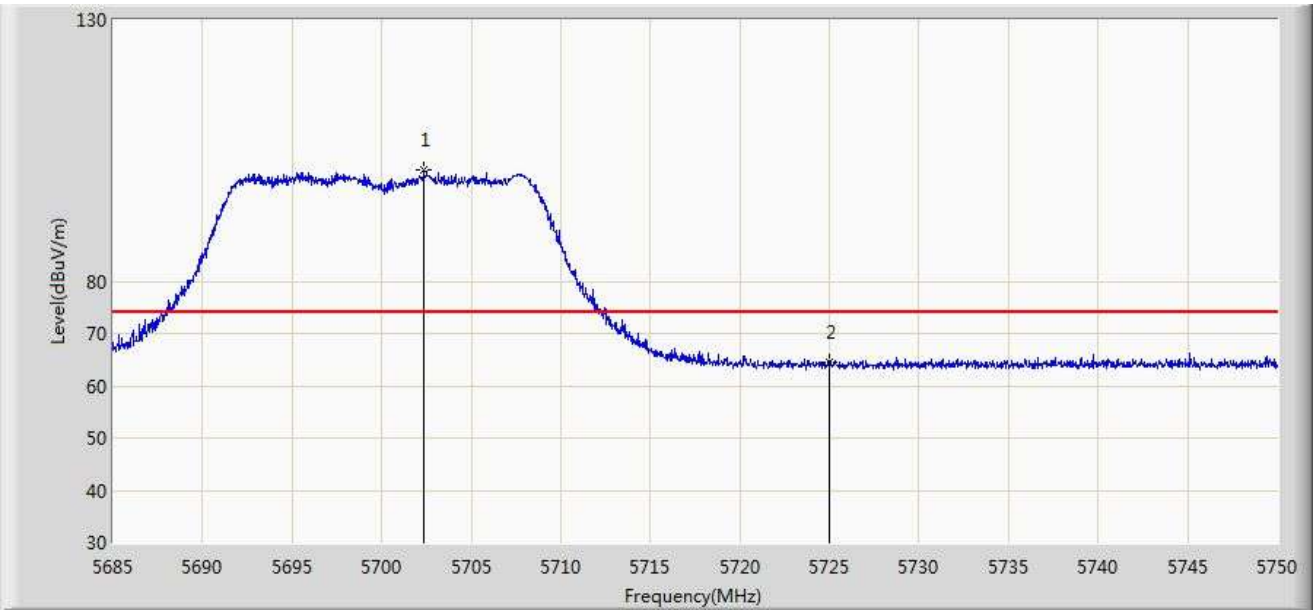


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5440.350	52.671	15.143	-1.329	54.000	37.528	AV
2			5440.350	52.671	15.143	-1.329	54.000	37.528	AV
3			5460.000	52.631	15.068	-1.369	54.000	37.563	AV
4			5470.000	53.515	15.927	-0.485	54.000	37.588	AV
5		*	5506.815	101.038	63.406	N/A	N/A	37.632	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2	

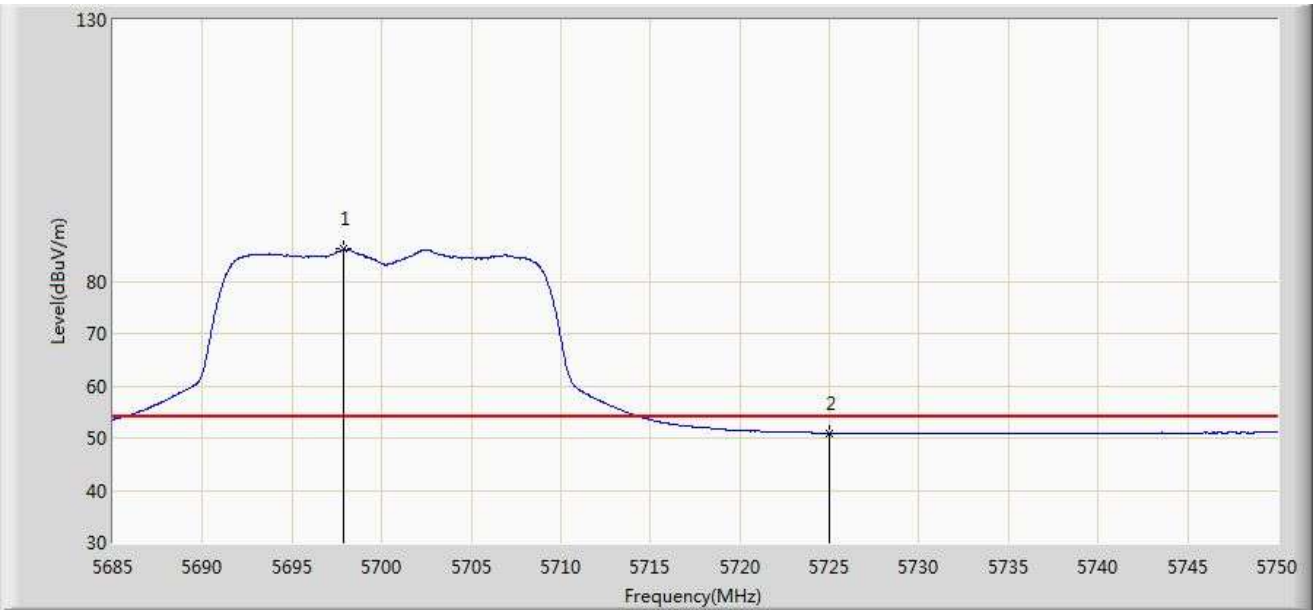


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.355	101.386	63.488	N/A	N/A	37.898	PK
2			5725.000	64.378	26.388	-9.622	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2	

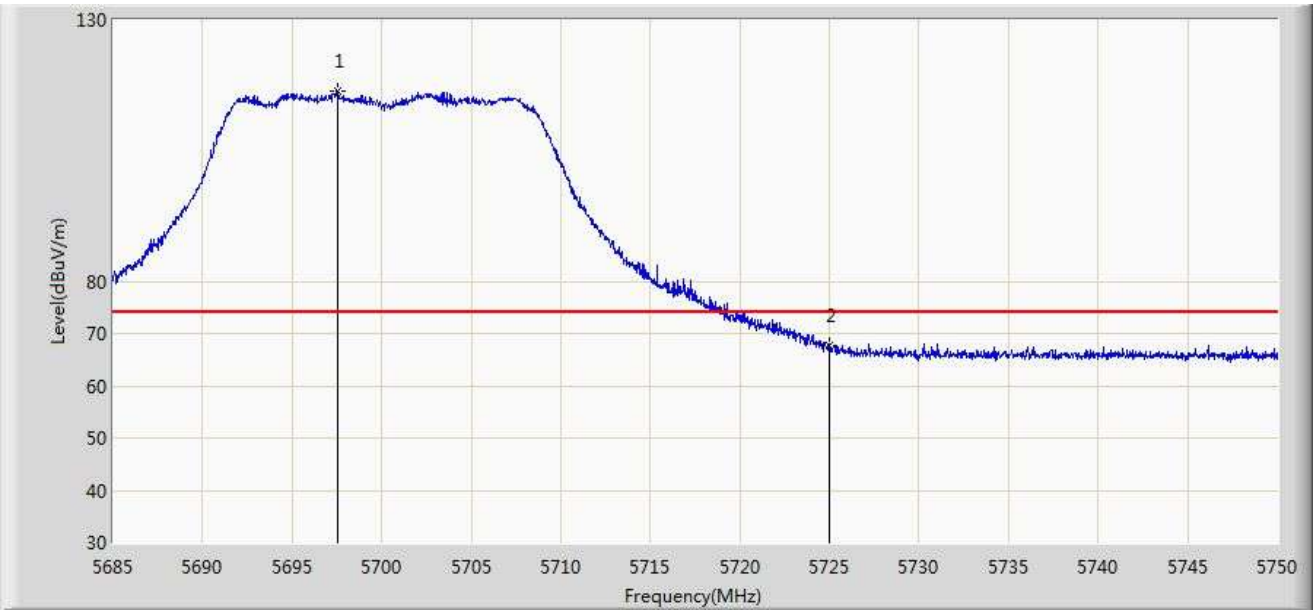


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.902	86.119	48.232	N/A	N/A	37.887	AV
2			5725.000	50.954	12.964	-3.046	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2	

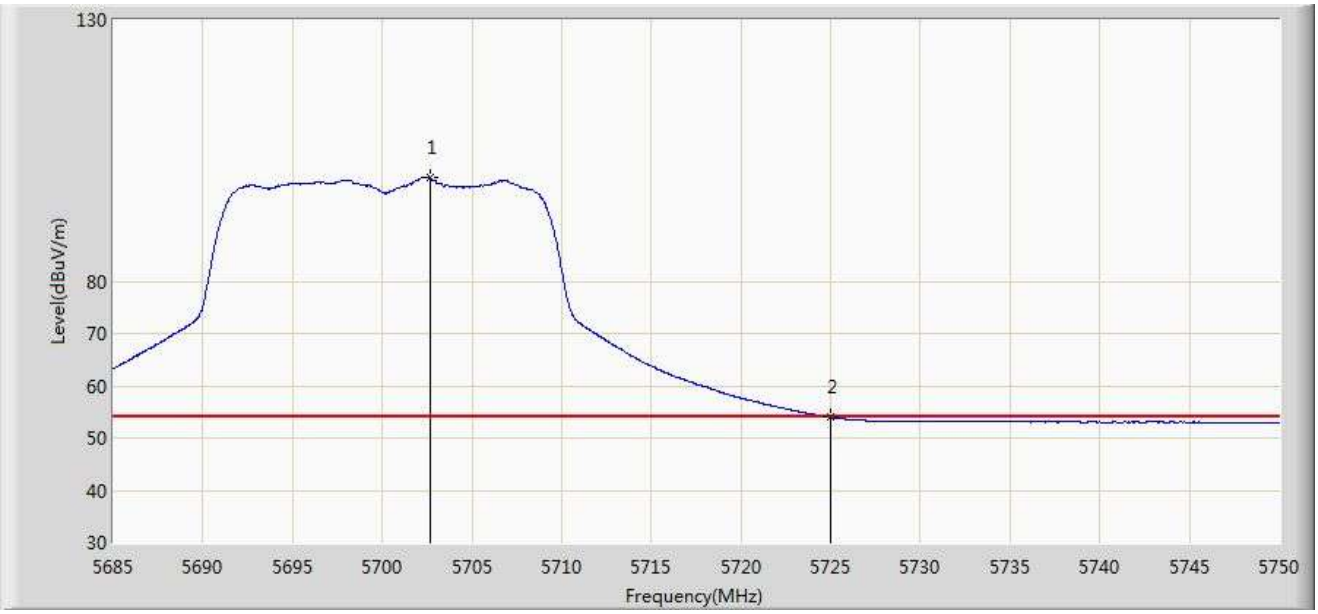


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.578	116.506	78.620	N/A	N/A	37.886	PK
2			5725.000	67.818	29.828	-6.182	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 21:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2	

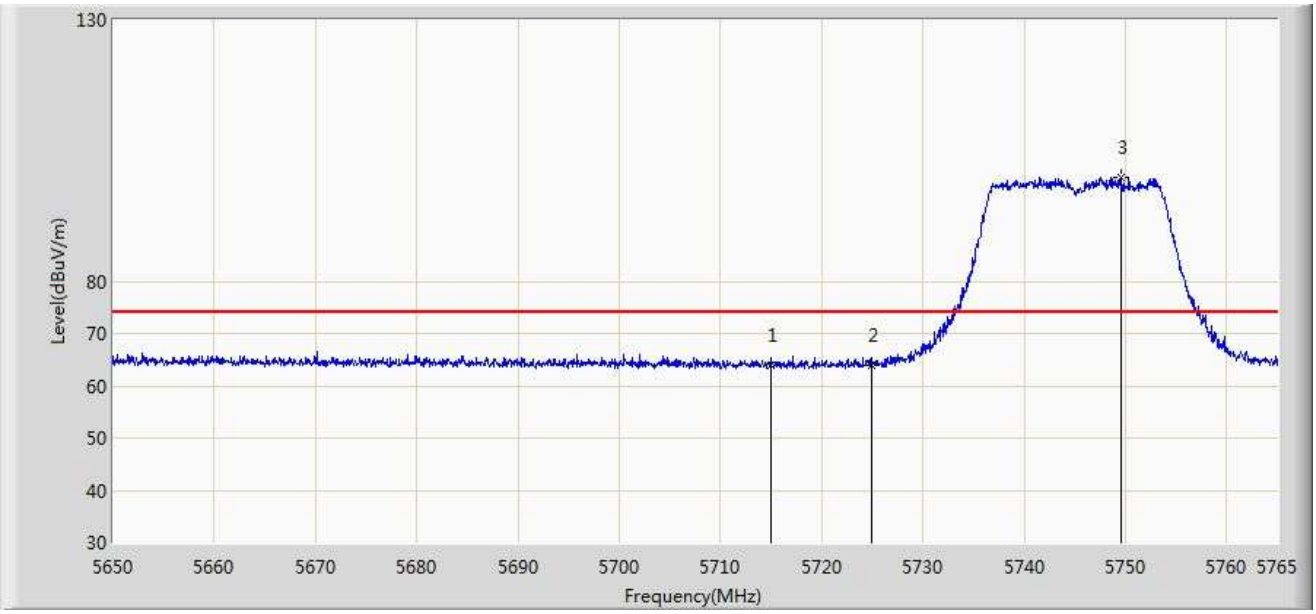


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.647	99.833	61.934	N/A	N/A	37.898	AV
2			5725.000	53.926	15.936	-0.074	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2	

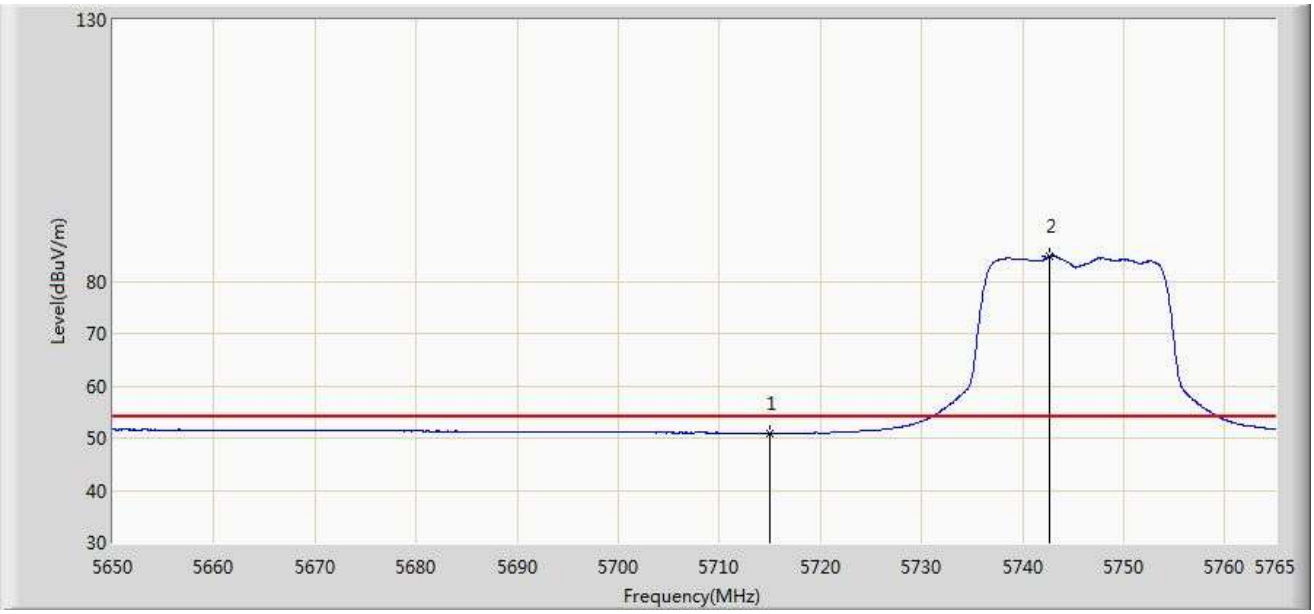


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.056	26.107	-9.944	74.000	37.949	PK
2			5725.000	64.031	26.041	-14.169	78.200	37.990	PK
3		*	5749.647	99.750	61.656	N/A	N/A	38.094	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2	

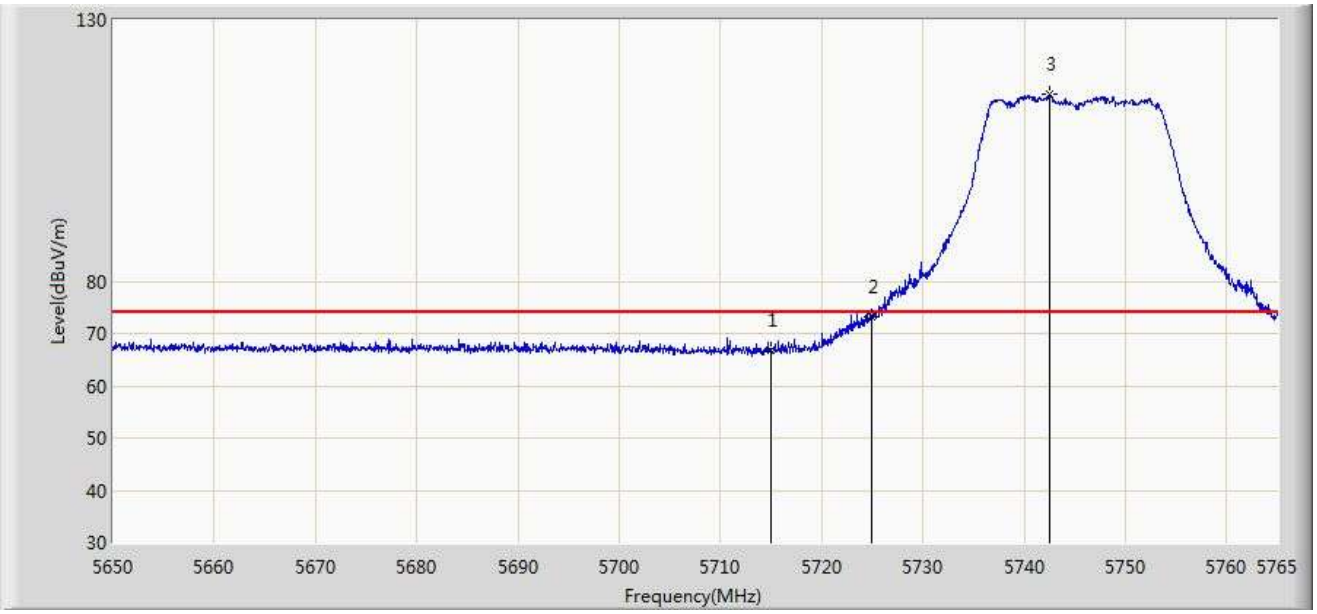


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.932	12.983	-3.068	54.000	37.949	AV
2		*	5742.690	84.843	46.782	N/A	N/A	38.061	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2	

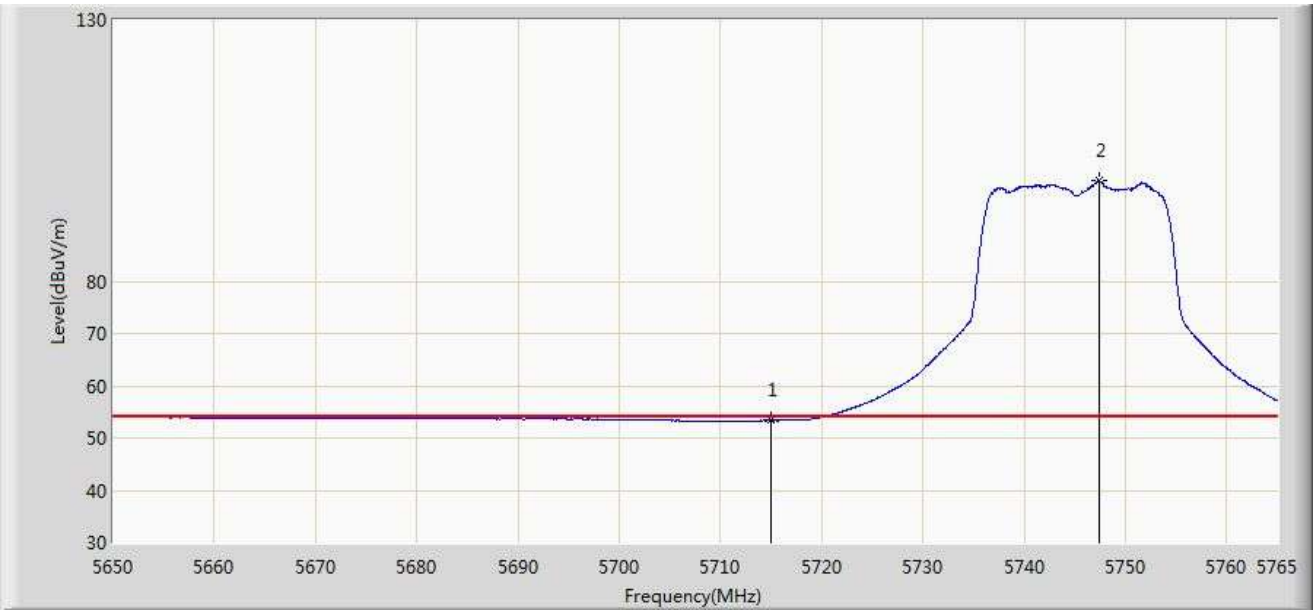


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.926	28.977	-7.074	74.000	37.949	PK
2			5725.000	73.271	35.281	-4.929	78.200	37.990	PK
3		*	5742.575	115.858	77.797	N/A	N/A	38.061	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2	

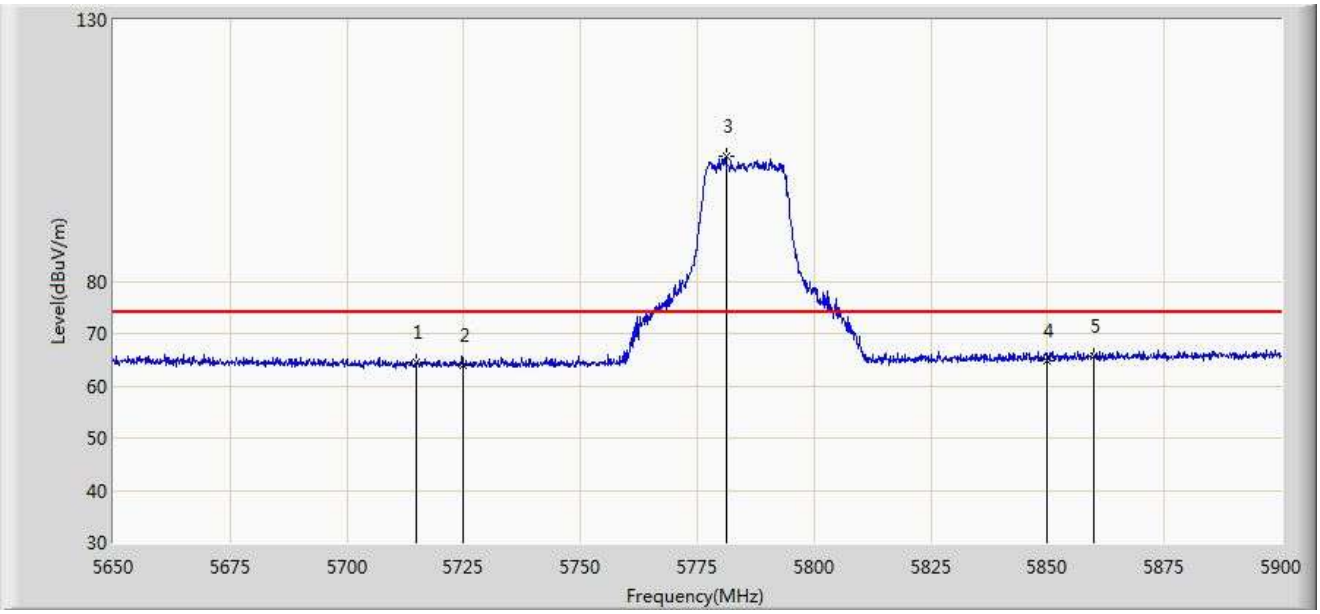


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.359	15.410	-0.641	54.000	37.949	AV
2		*	5747.405	99.231	61.148	N/A	N/A	38.083	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1+2	

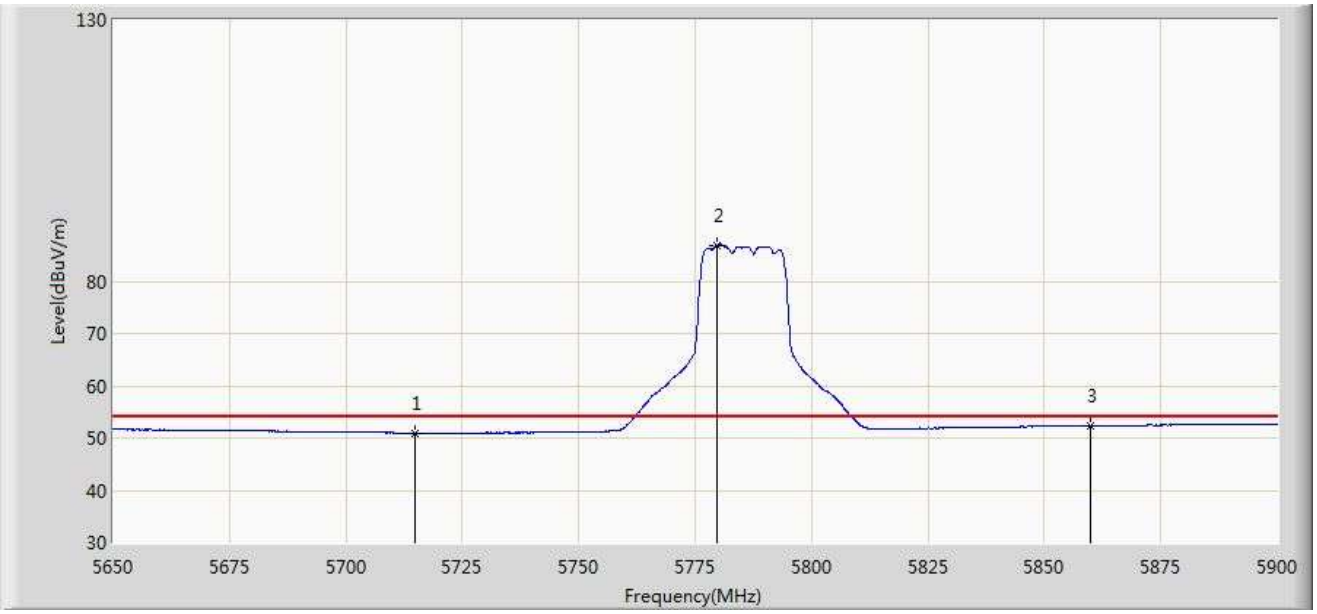


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.432	26.483	-9.568	74.000	37.949	PK
2			5725.000	63.787	25.797	-14.413	78.200	37.990	PK
3		*	5781.125	103.836	65.638	N/A	N/A	38.198	PK
4			5850.000	64.791	26.338	-13.409	78.200	38.454	PK
5			5860.000	65.526	27.048	-8.474	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1+2	

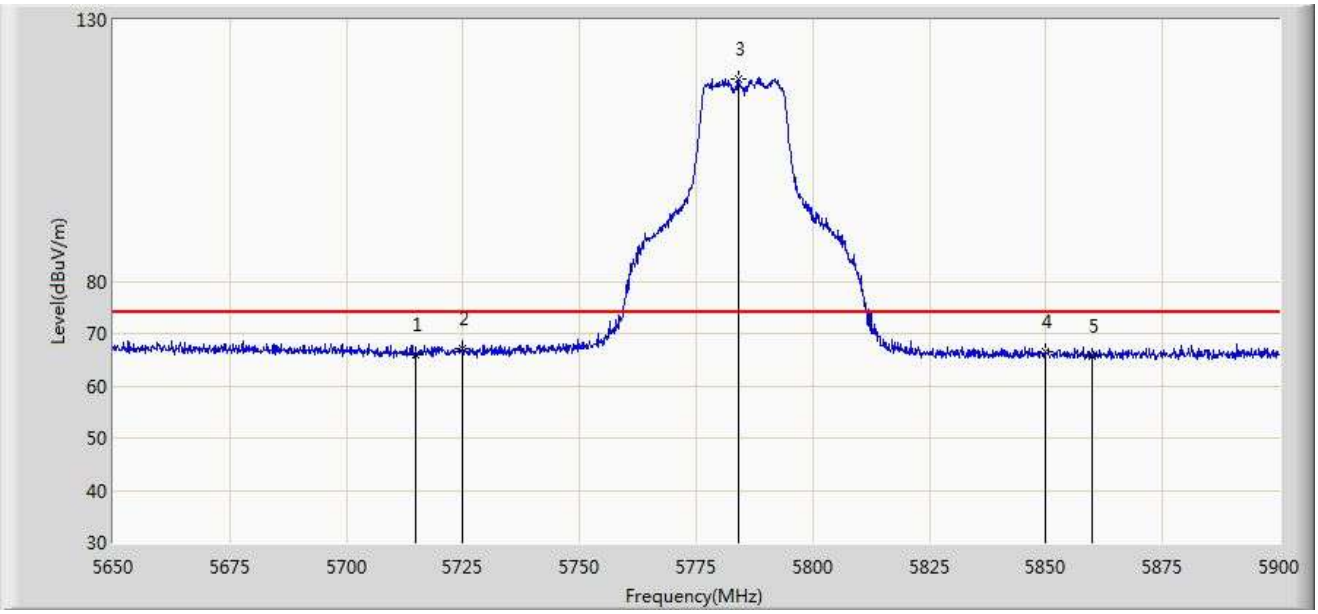


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.978	13.029	-3.022	54.000	37.949	AV
2		*	5779.750	86.908	48.715	N/A	N/A	38.193	AV
3			5860.000	52.360	13.882	-1.640	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1+2	

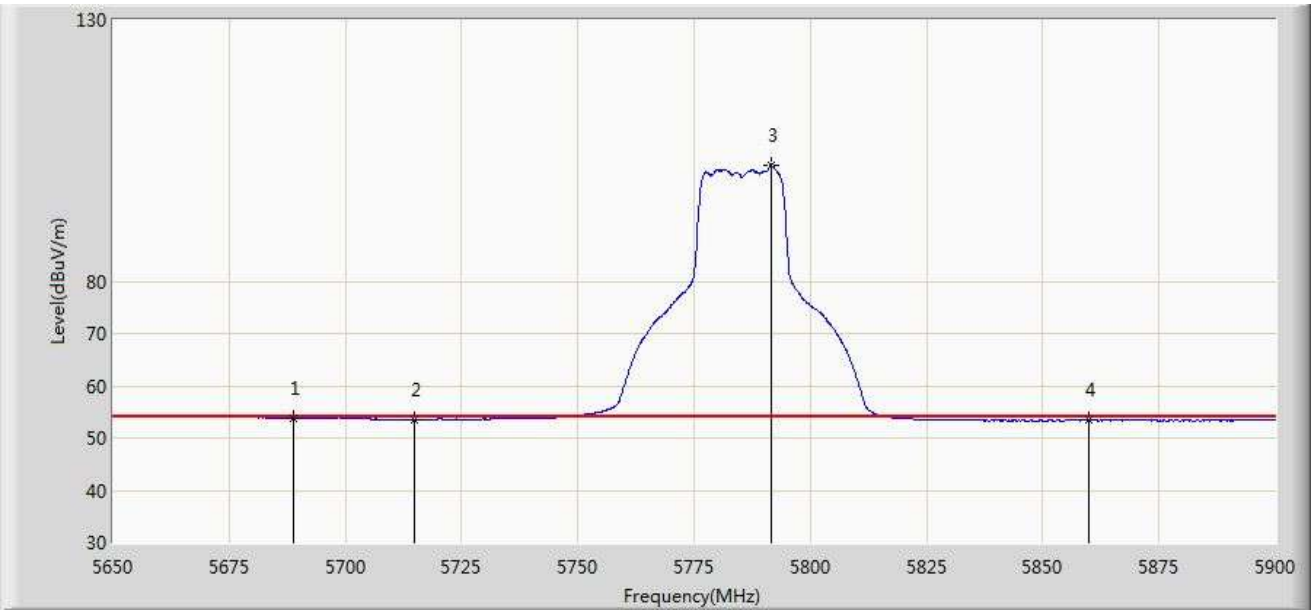


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.028	28.079	-7.972	74.000	37.949	PK
2			5725.000	67.218	29.228	-10.982	78.200	37.990	PK
3		*	5784.000	118.767	80.558	N/A	N/A	38.209	PK
4			5850.000	66.386	27.933	-11.814	78.200	38.454	PK
5			5860.000	65.779	27.301	-8.221	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz Ant 0+1+2	

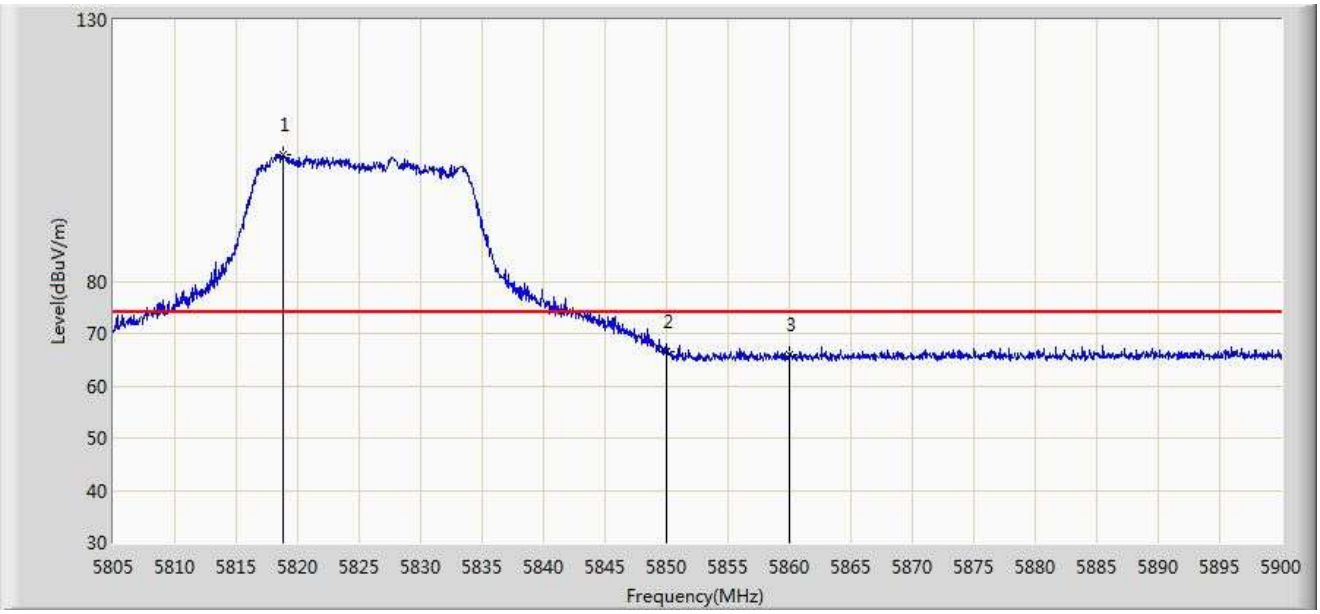


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5688.750	53.805	15.944	-0.195	54.000	37.861	AV
2			5715.000	53.489	15.540	-0.511	54.000	37.949	AV
3		*	5791.750	102.291	64.054	N/A	N/A	38.237	AV
4			5860.000	53.360	14.882	-0.640	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2	

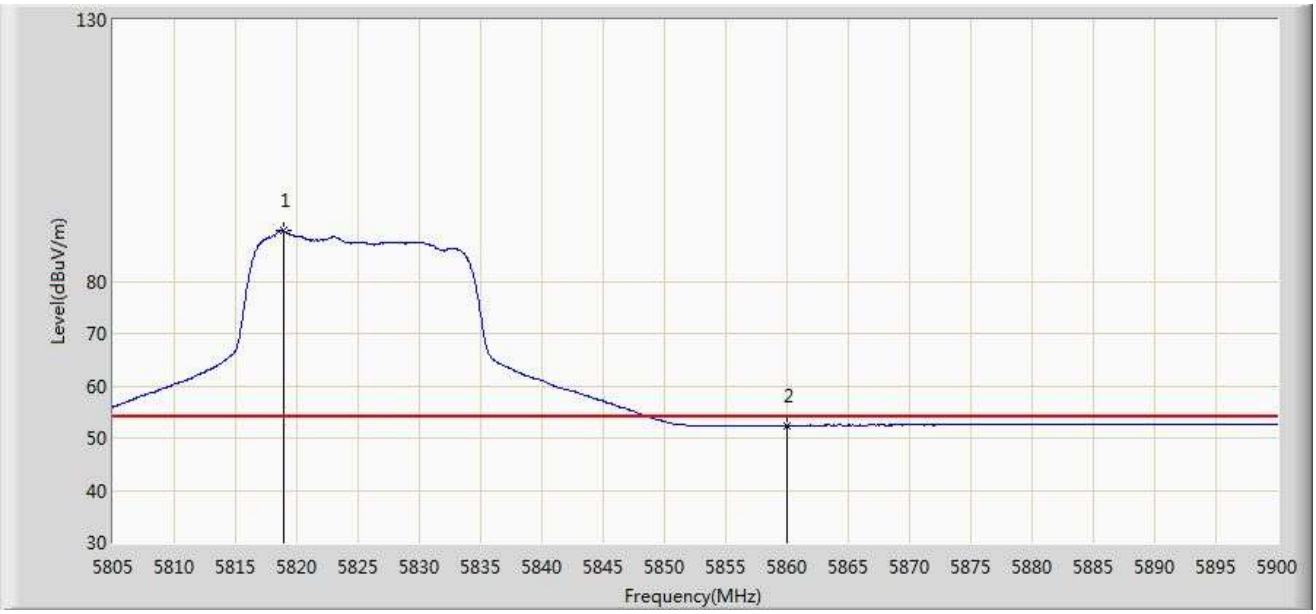


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.775	104.191	65.861	N/A	N/A	38.330	PK
2			5850.000	66.474	28.021	-11.726	78.200	38.454	PK
3			5860.000	66.054	27.576	-7.946	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2	

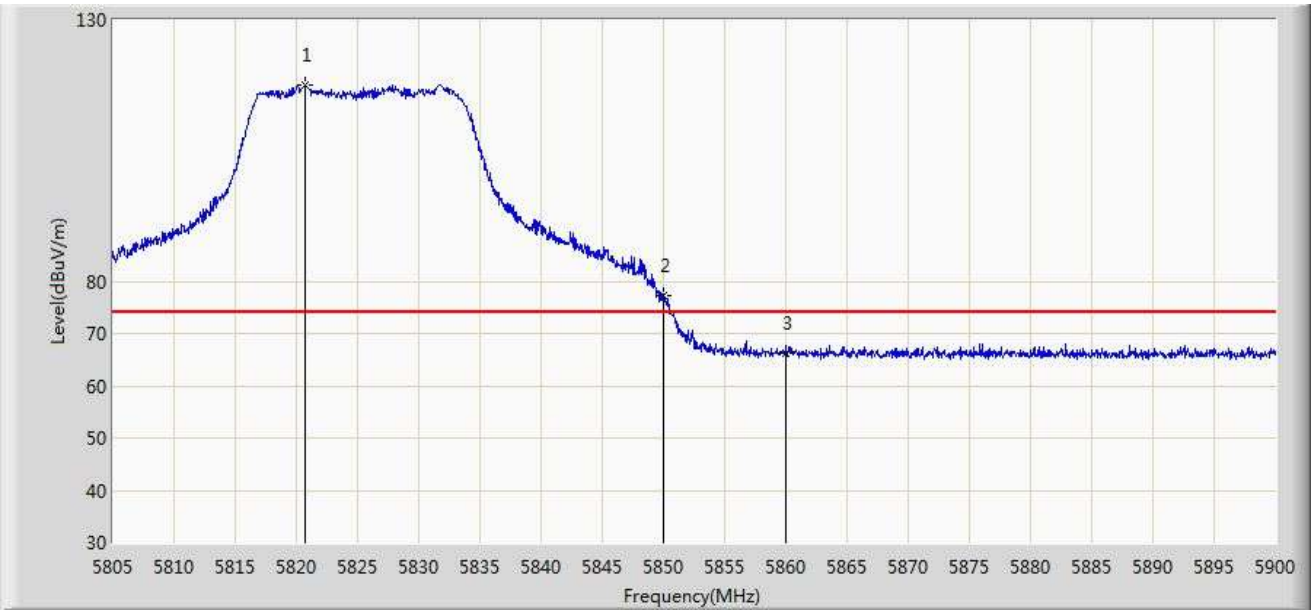


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.965	89.568	51.237	N/A	N/A	38.330	AV
2			5860.000	52.410	13.932	-1.590	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2	

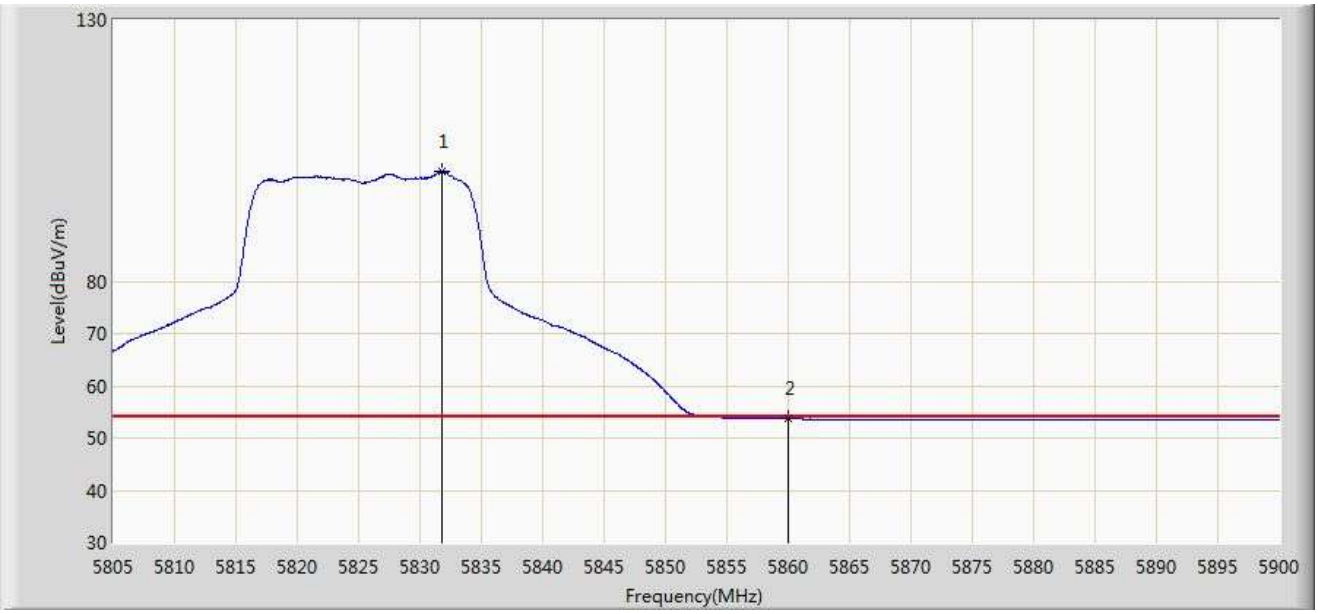


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.770	117.462	79.124	N/A	N/A	38.338	PK
2			5850.000	77.298	38.845	-0.902	78.200	38.454	PK
3			5860.000	66.104	27.626	-7.896	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2	

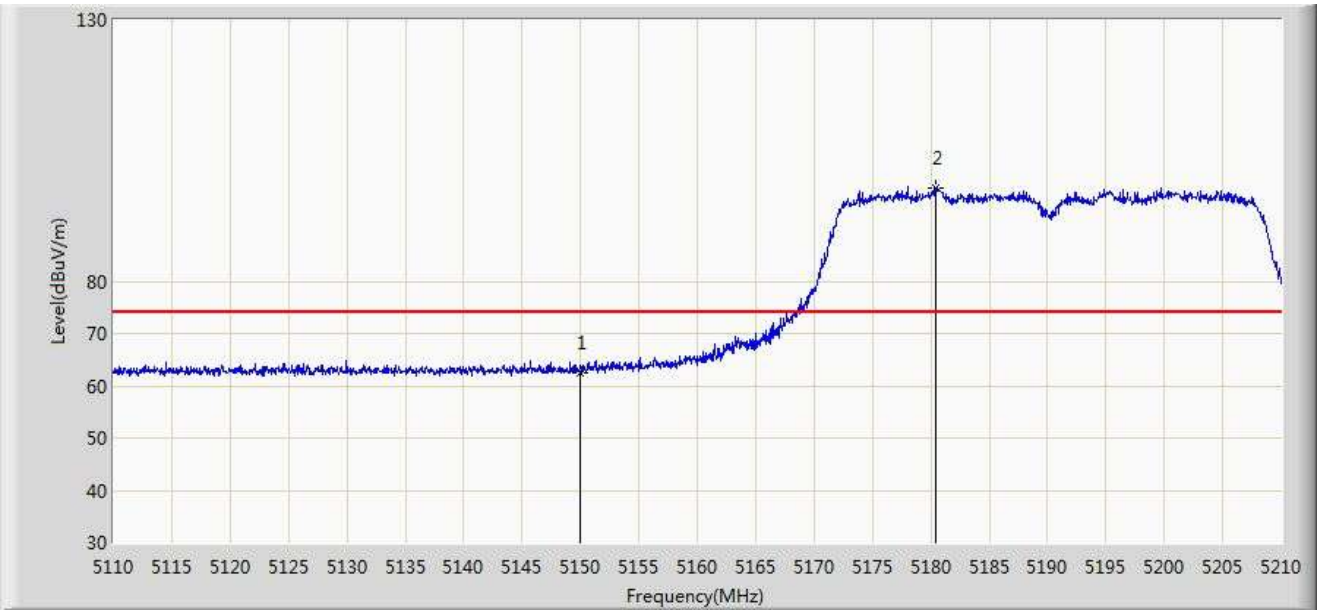


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.743	100.993	62.609	N/A	N/A	38.385	AV
2			5860.000	53.682	15.204	-0.318	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2	

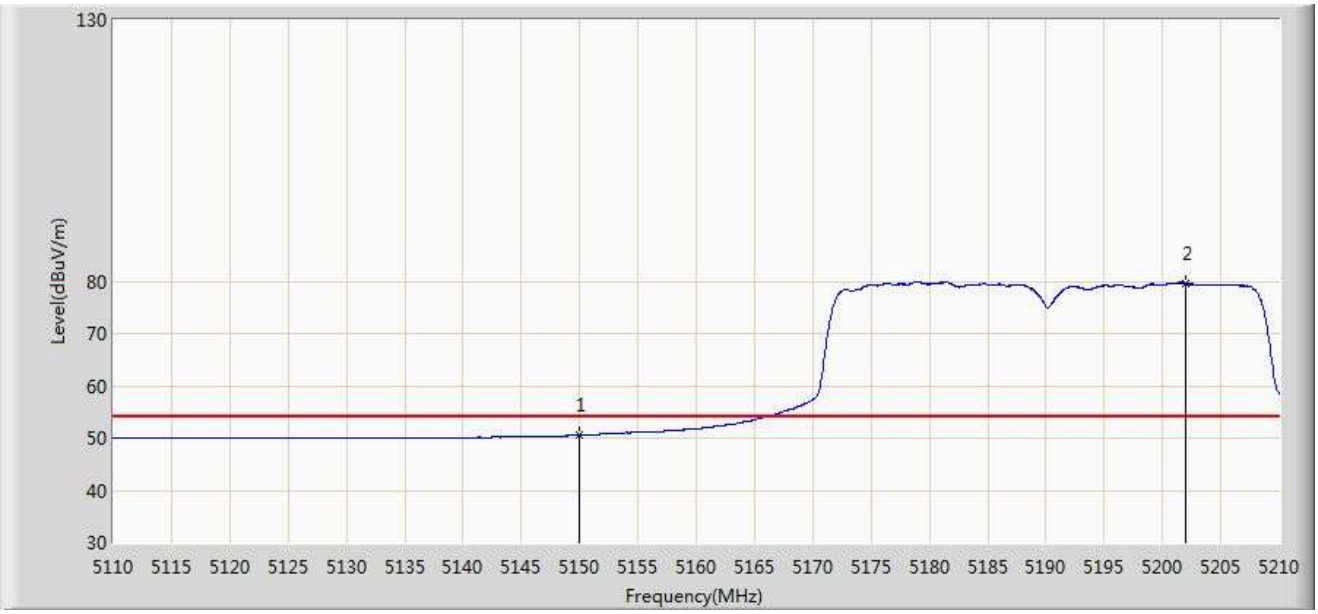


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.494	25.042	-11.506	74.000	37.452	PK
2		*	5180.450	97.951	60.578	N/A	N/A	37.373	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2	

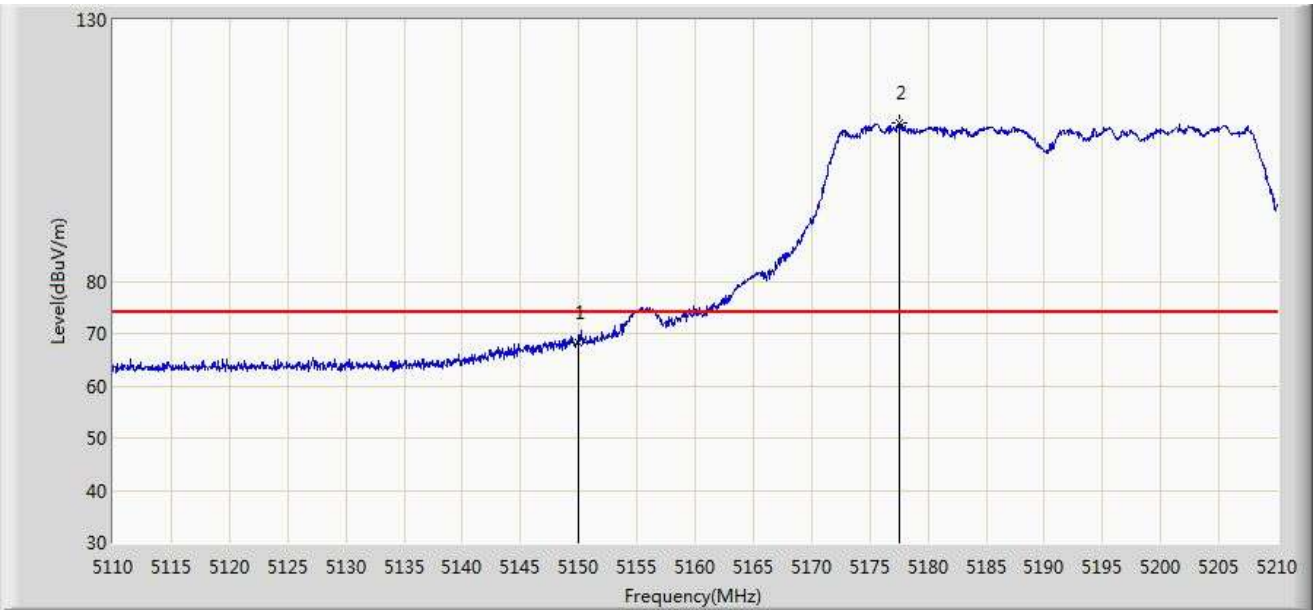


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.523	13.071	-3.477	54.000	37.452	AV
2		*	5202.000	79.675	42.358	N/A	N/A	37.317	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2	

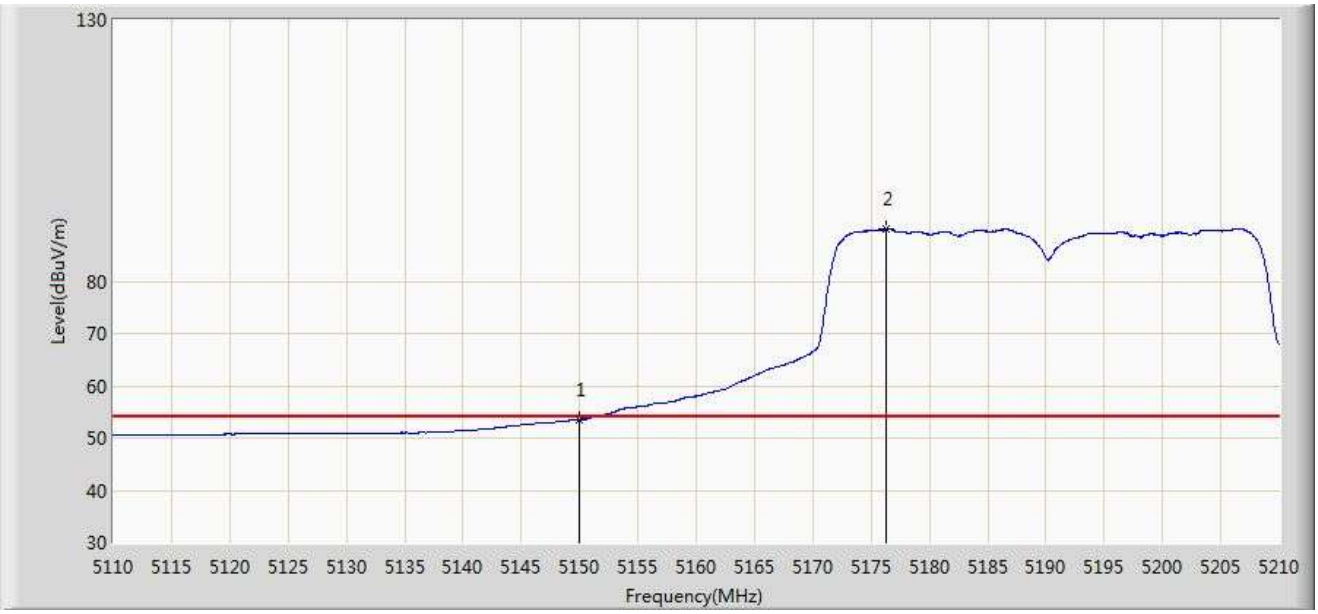


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.224	30.772	-5.776	74.000	37.452	PK
2		*	5177.550	110.282	72.903	N/A	N/A	37.380	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 22:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2	

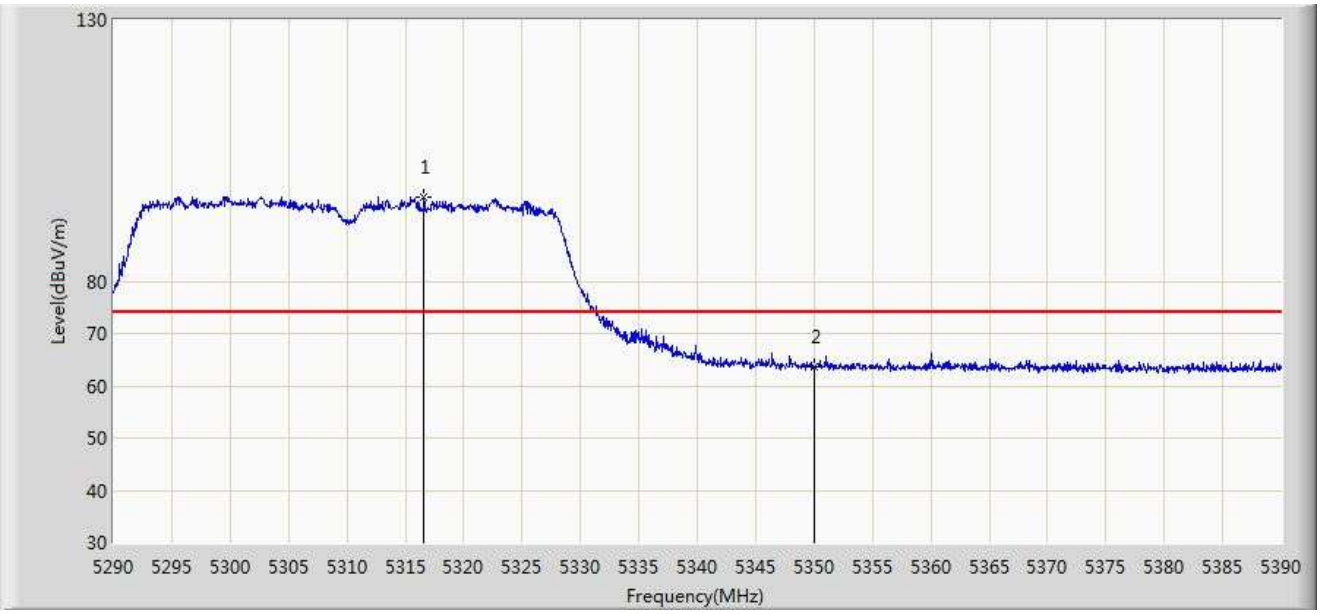


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.520	16.068	-0.480	54.000	37.452	AV
2		*	5176.350	89.972	52.590	N/A	N/A	37.382	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2	

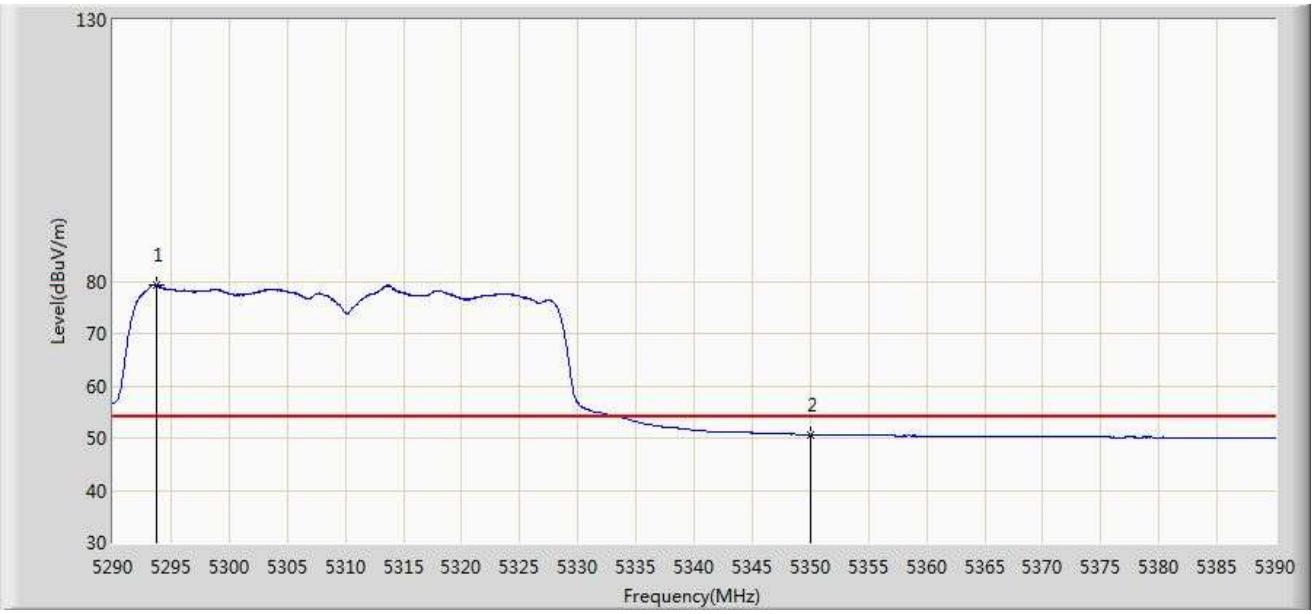


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.600	96.211	59.003	N/A	N/A	37.208	PK
2			5350.000	63.571	26.285	-10.429	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2	

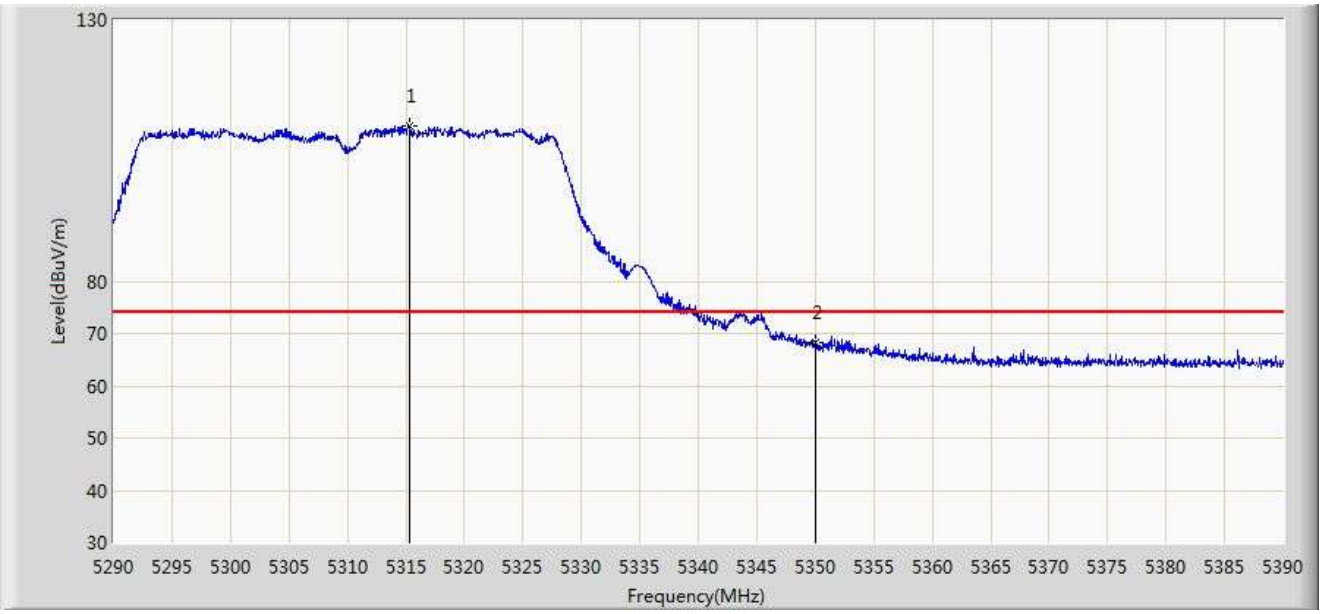


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.700	79.339	42.160	N/A	N/A	37.178	AV
2			5350.000	50.649	13.363	-3.351	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2	

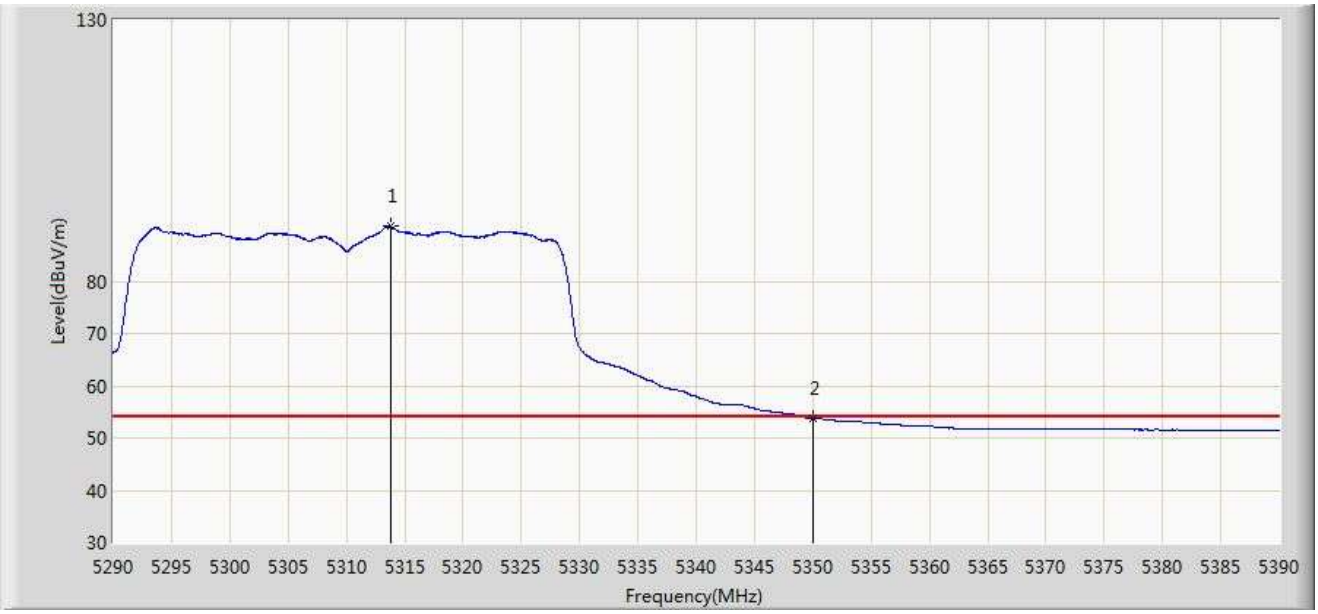


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.300	109.819	72.614	N/A	N/A	37.205	PK
2			5350.000	68.375	31.089	-5.625	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2	

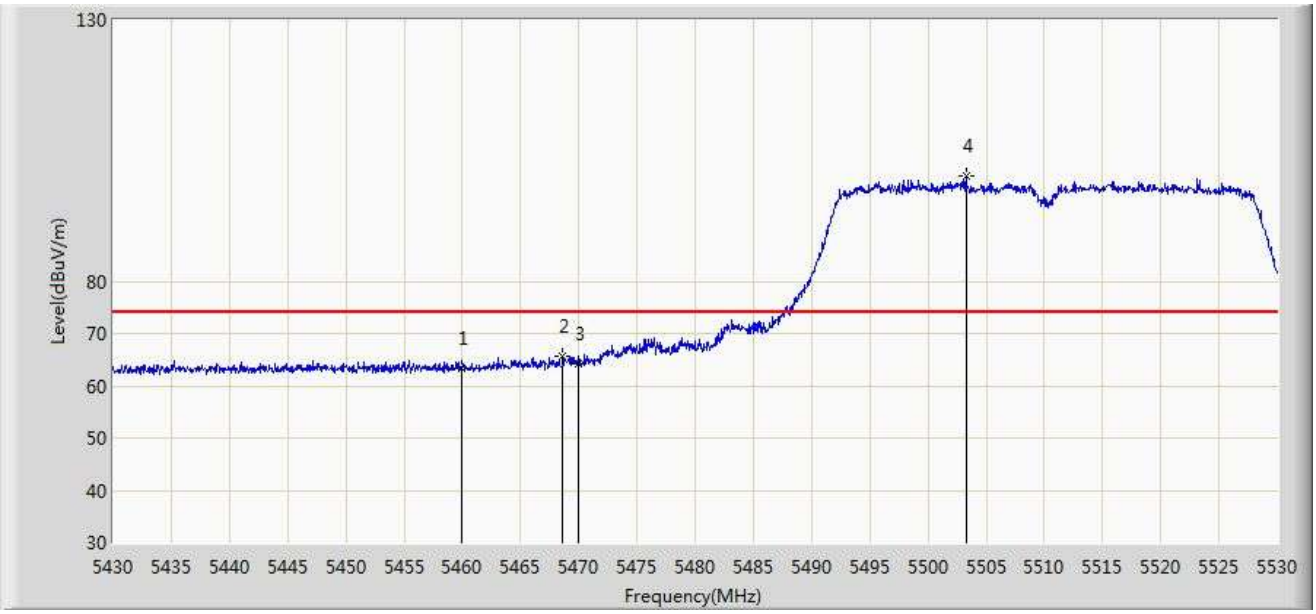


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.750	90.447	53.245	N/A	N/A	37.202	AV
2			5350.000	53.876	16.590	-0.124	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.370	25.807	-10.630	74.000	37.563	PK
2			5468.600	65.790	28.205	-8.210	74.000	37.585	PK
3			5470.000	64.178	26.589	-9.822	74.000	37.588	PK
4		*	5503.250	100.063	62.435	N/A	N/A	37.628	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

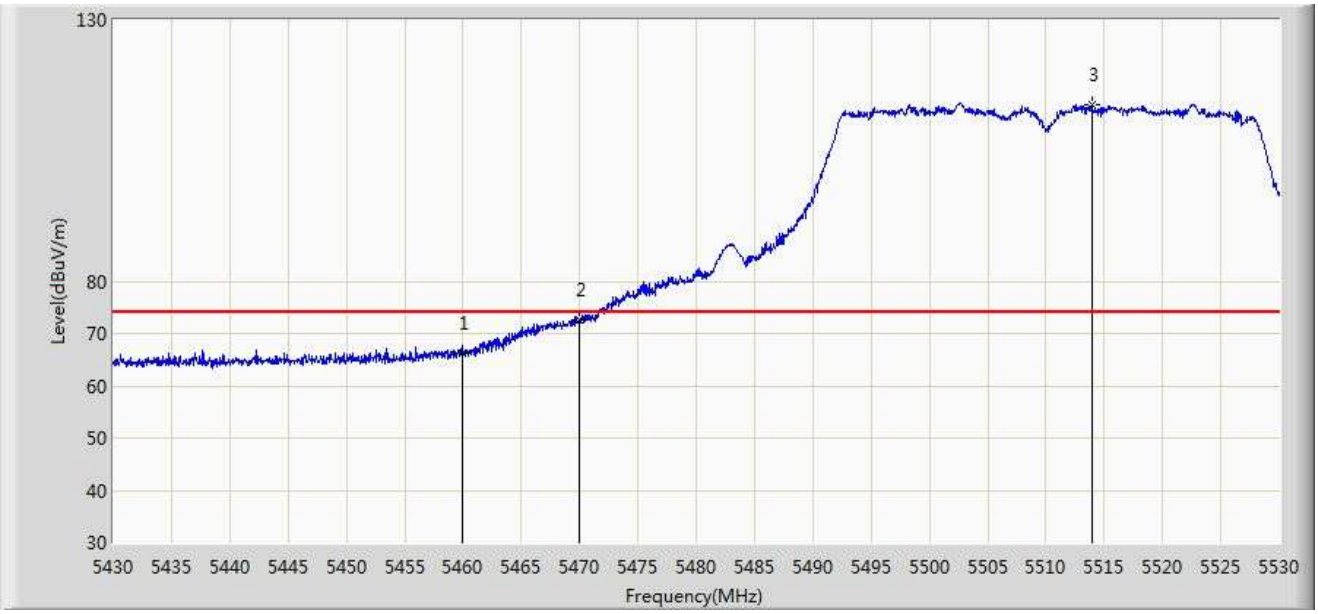
Site: AC1	Time: 2015/05/13 - 23:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.426	12.863	-3.574	54.000	37.563	AV
2			5470.000	51.389	13.800	-2.611	54.000	37.588	AV
3		*	5502.600	81.424	43.797	N/A	N/A	37.627	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 01:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	66.259	28.696	-7.741	74.000	37.563	PK
2			5470.000	72.676	35.088	-1.324	74.000	37.588	PK
3		*	5513.900	113.717	76.077	N/A	N/A	37.640	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

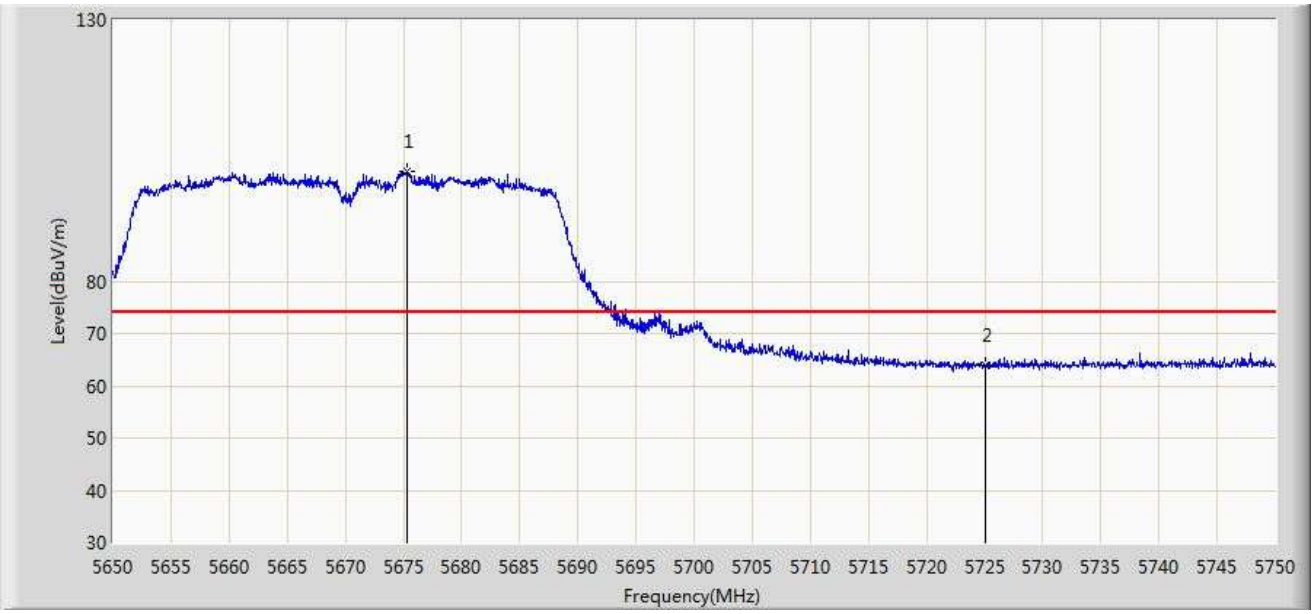
Site: AC1	Time: 2015/05/17 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.193	10.630	-5.807	54.000	37.563	AV
2			5470.000	53.095	15.507	-0.905	54.000	37.588	AV
3		*	5517.800	94.159	56.514	N/A	N/A	37.645	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2	

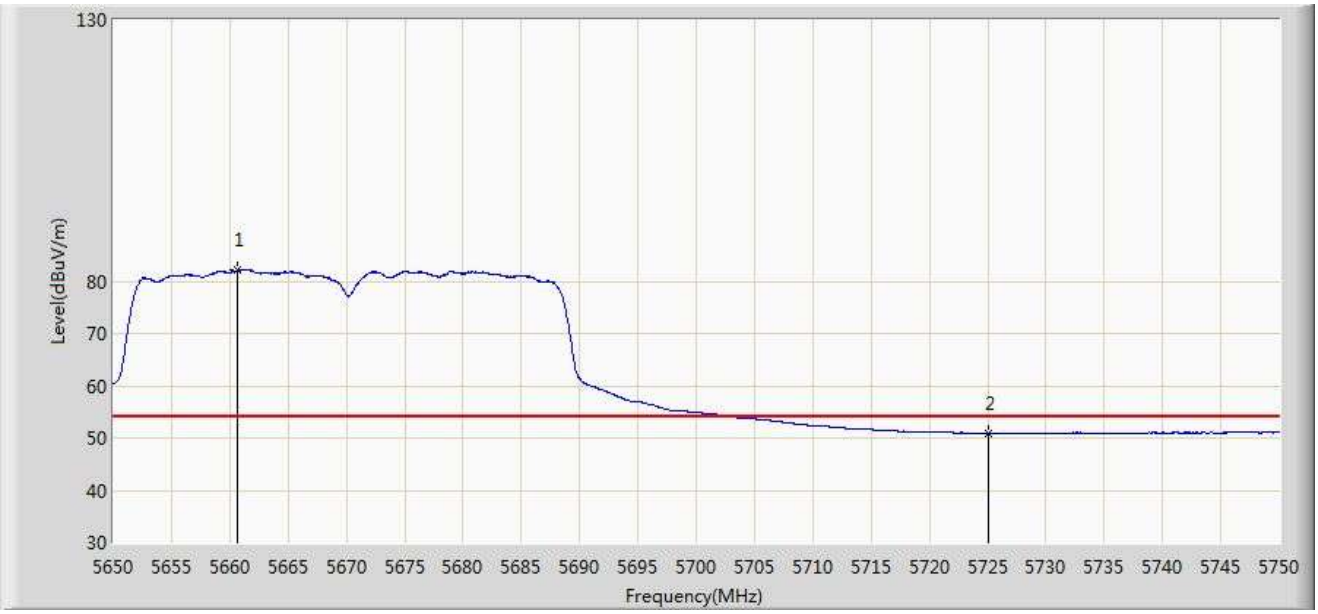


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.300	101.097	63.280	N/A	N/A	37.816	PK
2			5725.000	63.847	25.857	-10.153	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2	

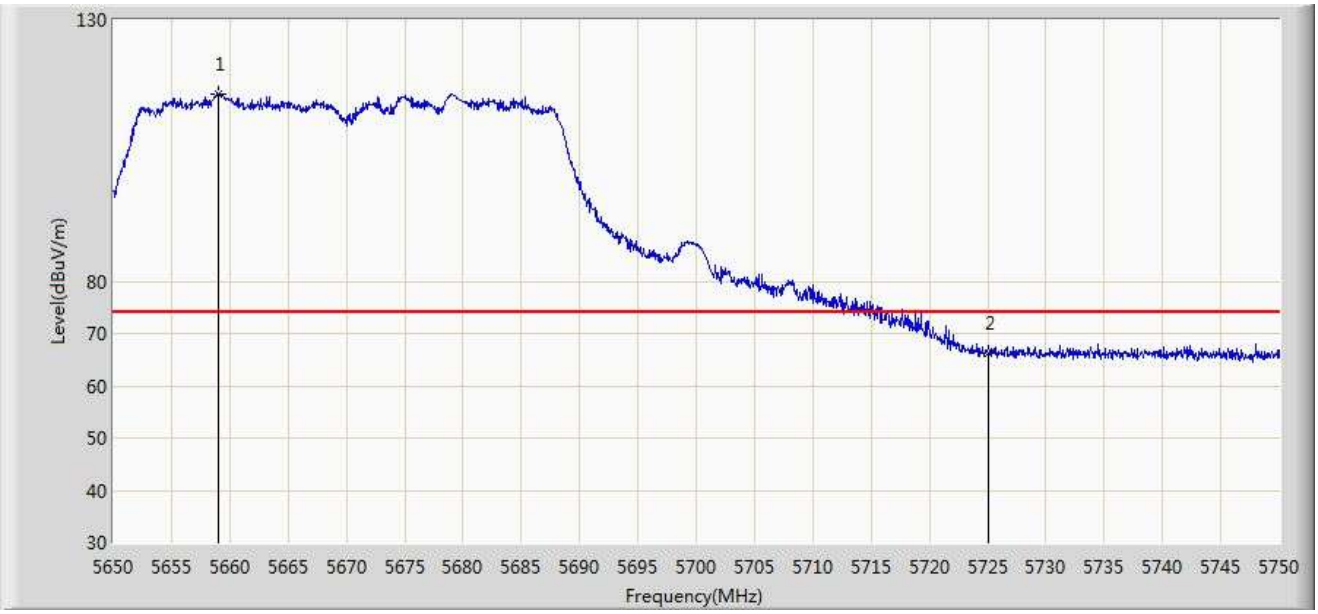


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5660.600	82.048	44.251	N/A	N/A	37.797	AV
2			5725.000	50.934	12.944	-3.066	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2	

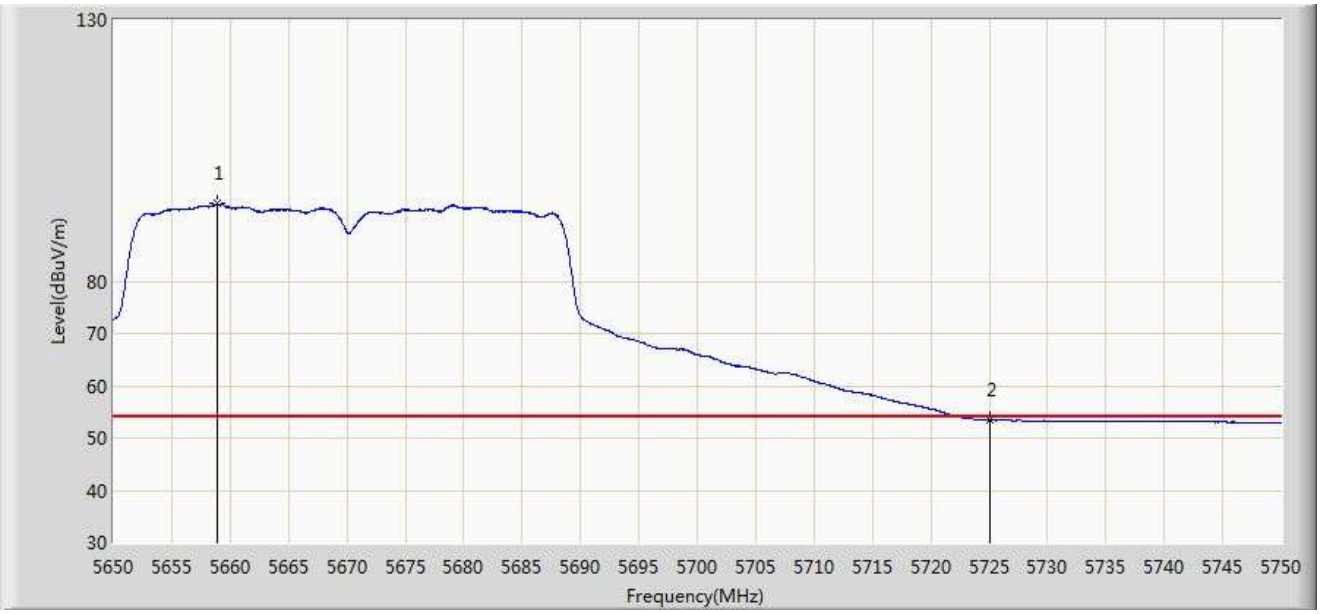


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5659.050	115.883	78.088	N/A	N/A	37.796	PK
2			5725.000	66.344	28.354	-7.656	74.000	37.990	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2	

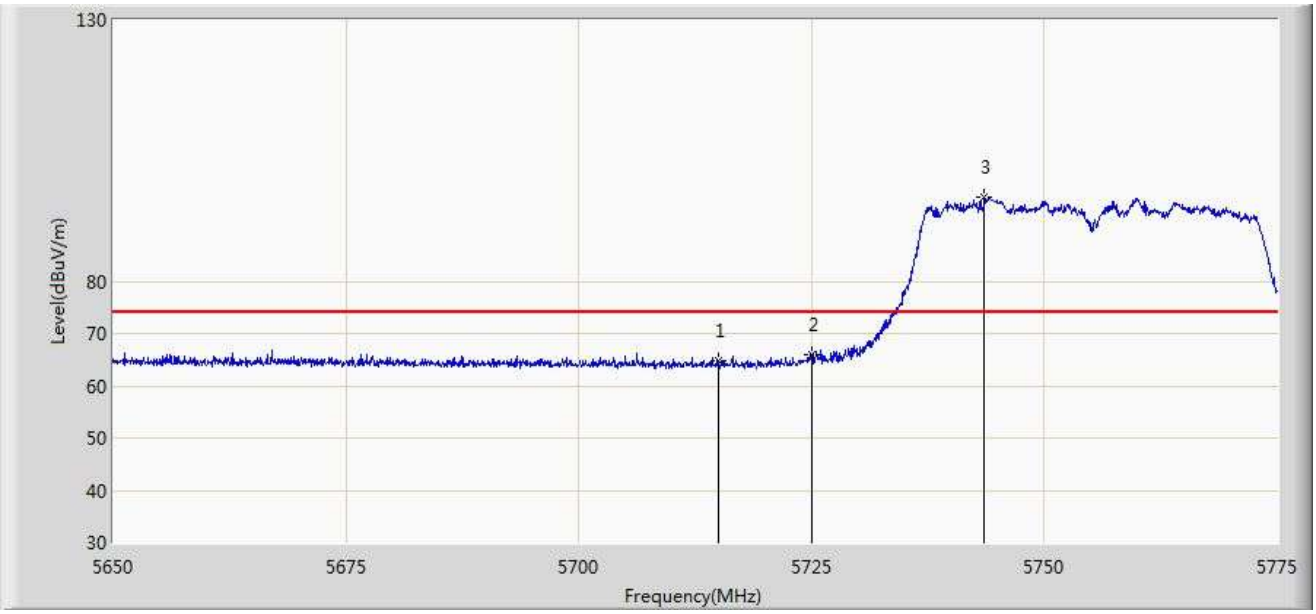


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5658.950	94.800	57.005	N/A	N/A	37.795	AV
2			5725.000	53.413	15.423	-0.587	54.000	37.990	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2	

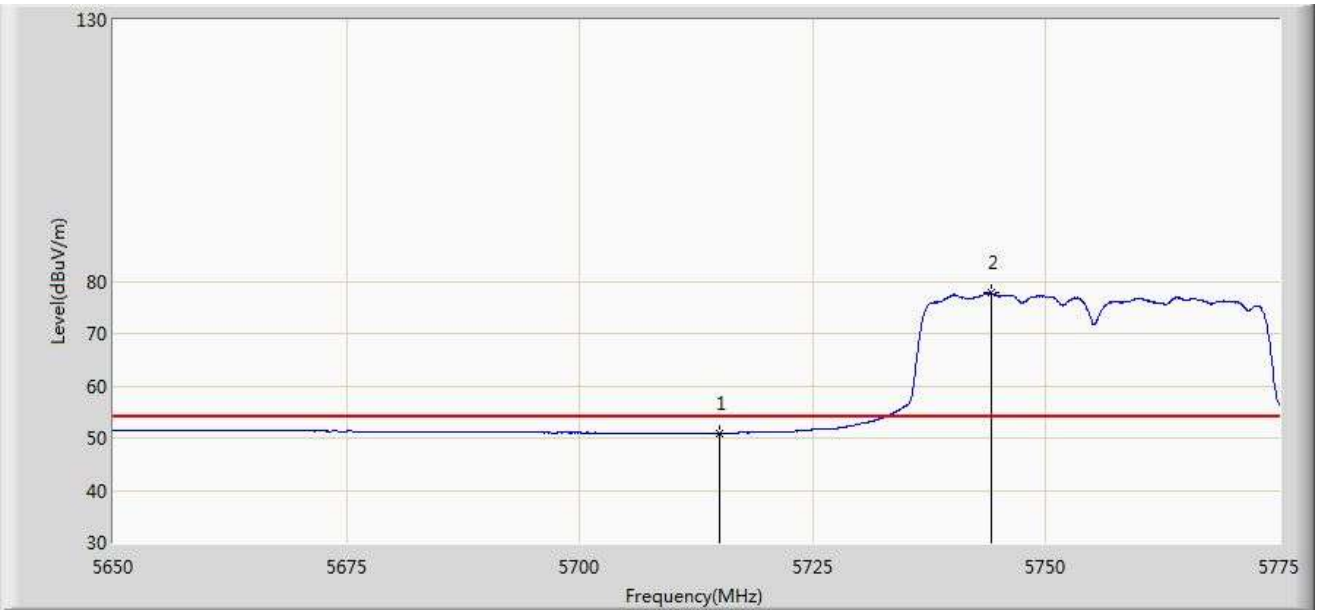


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.783	26.834	-9.217	74.000	37.949	PK
2			5725.000	66.021	28.031	-12.179	78.200	37.990	PK
3		*	5743.562	96.037	57.972	N/A	N/A	38.065	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2	

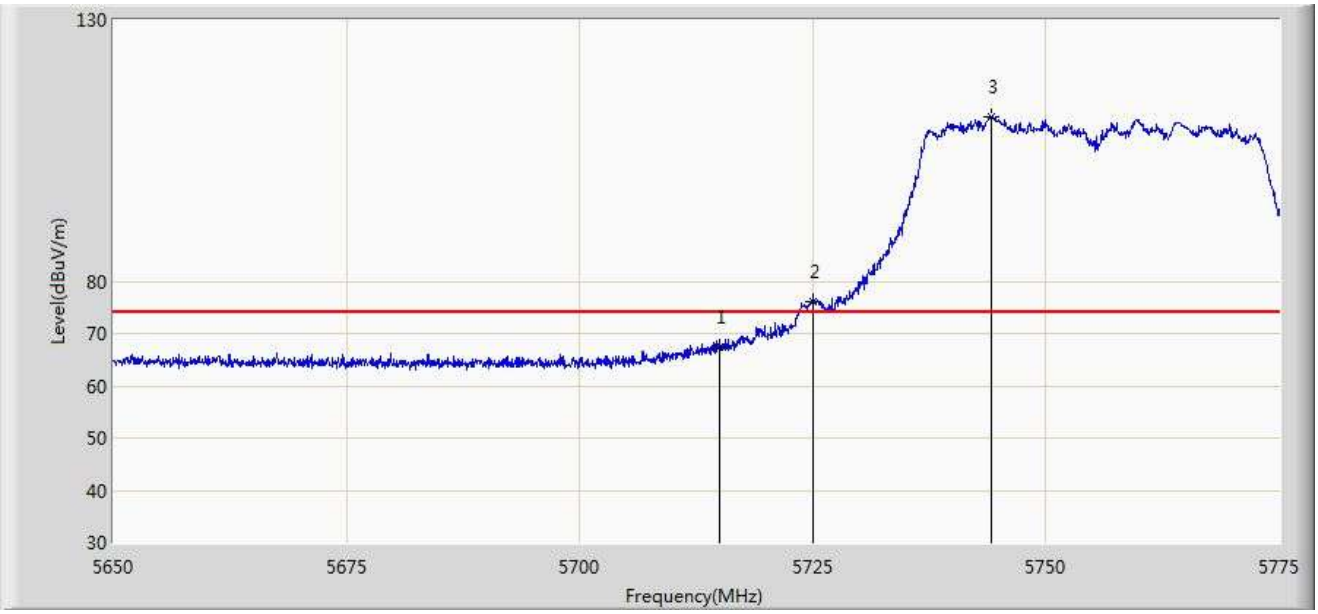


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.962	13.013	-3.038	54.000	37.949	AV
2		*	5744.187	77.757	39.689	N/A	N/A	38.068	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2	

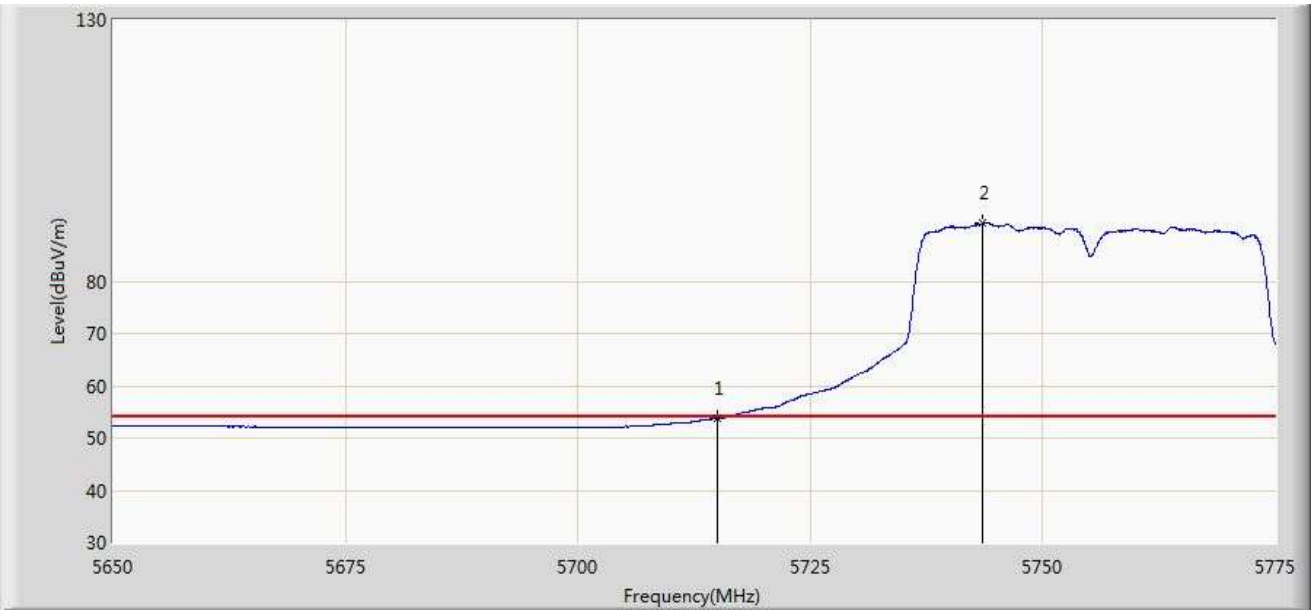


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.521	29.572	-6.479	74.000	37.949	PK
2			5725.000	76.066	38.076	-2.134	78.200	37.990	PK
3		*	5744.187	111.409	73.341	N/A	N/A	38.068	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2	

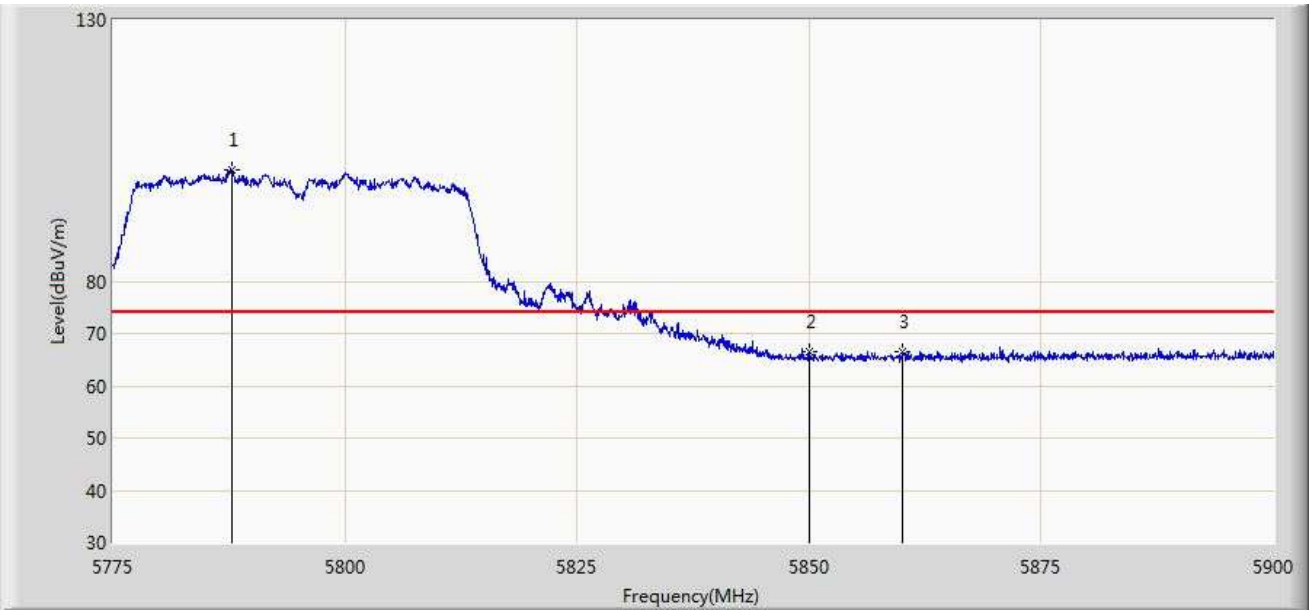


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.764	15.815	-0.236	54.000	37.949	AV
2		*	5743.500	91.044	52.979	N/A	N/A	38.065	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2	

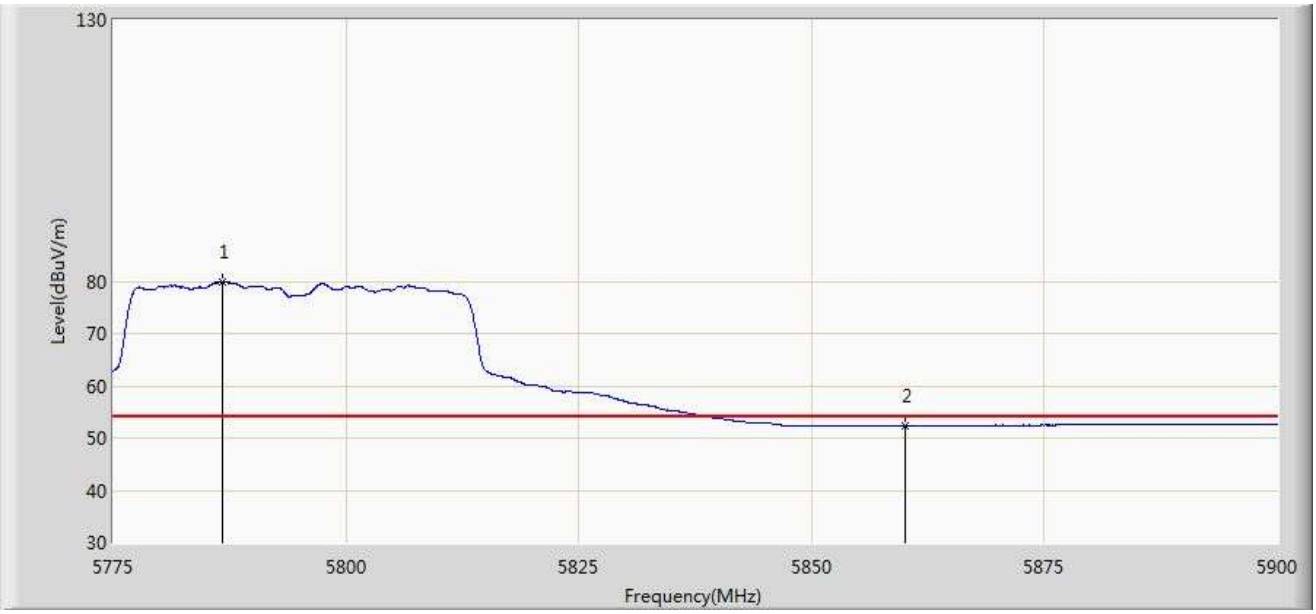


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.875	101.326	63.103	N/A	N/A	38.223	PK
2			5850.000	66.563	28.110	-11.637	78.200	38.454	PK
3			5860.000	66.444	27.966	-7.556	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2	

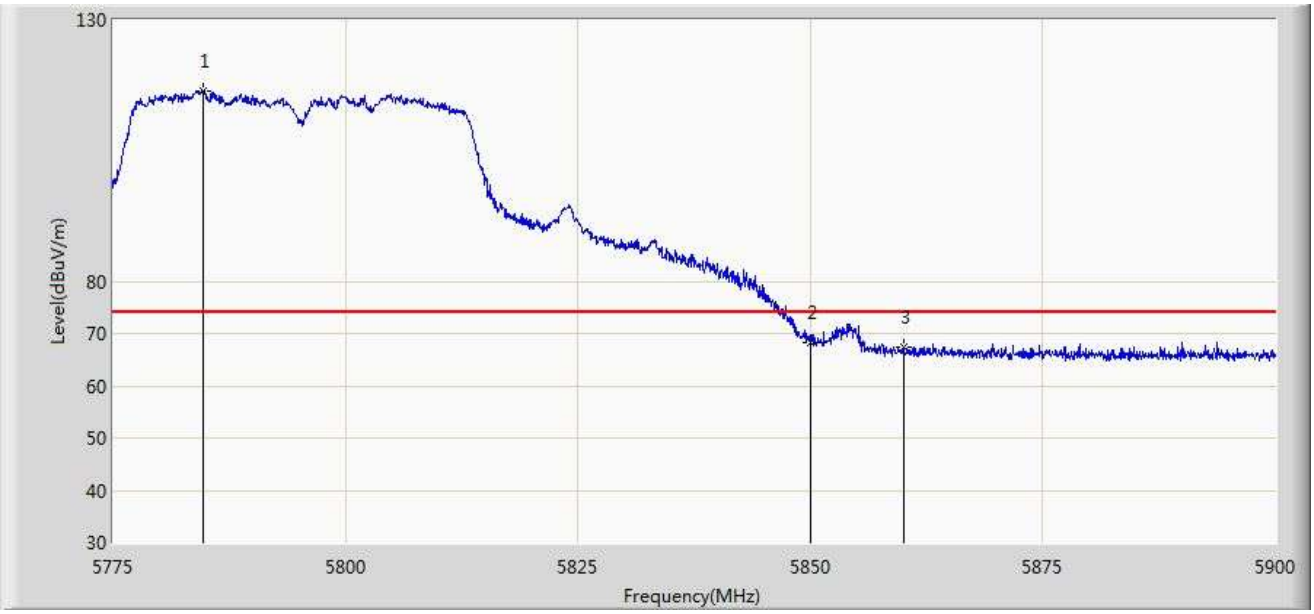


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.812	79.911	41.692	N/A	N/A	38.219	AV
2			5860.000	52.341	13.863	-1.659	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2	

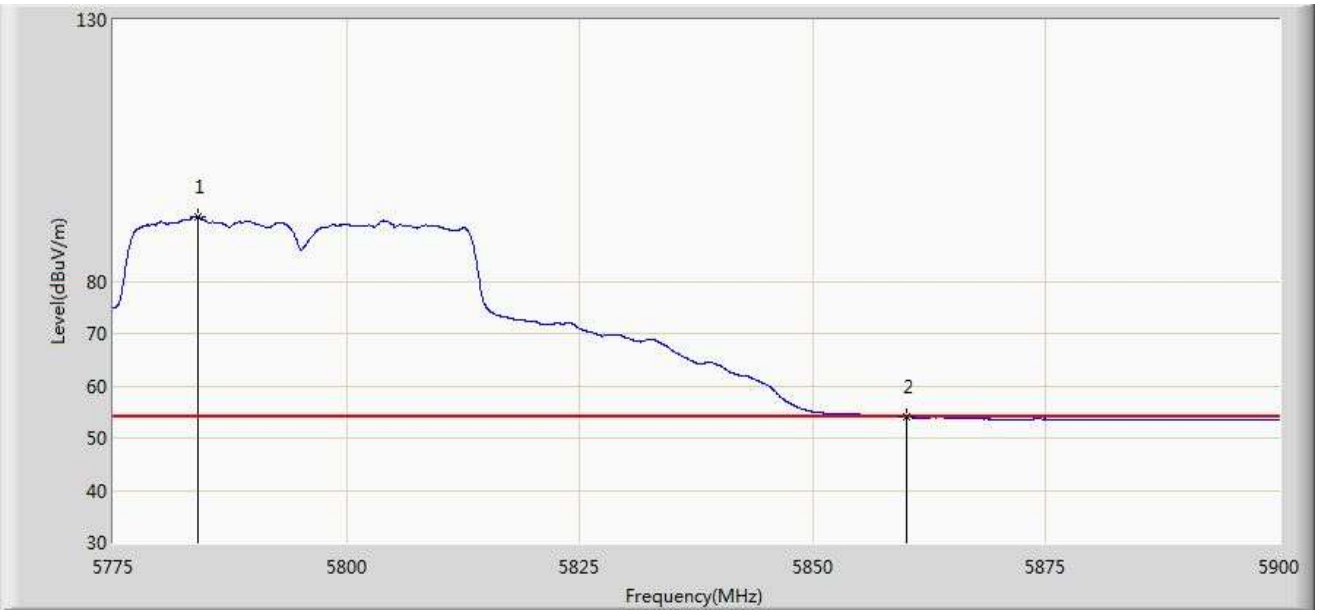


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.687	116.511	78.300	N/A	N/A	38.211	PK
2			5850.000	68.336	29.883	-9.864	78.200	38.454	PK
3			5860.000	67.443	28.965	-6.557	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/13 - 23:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2	

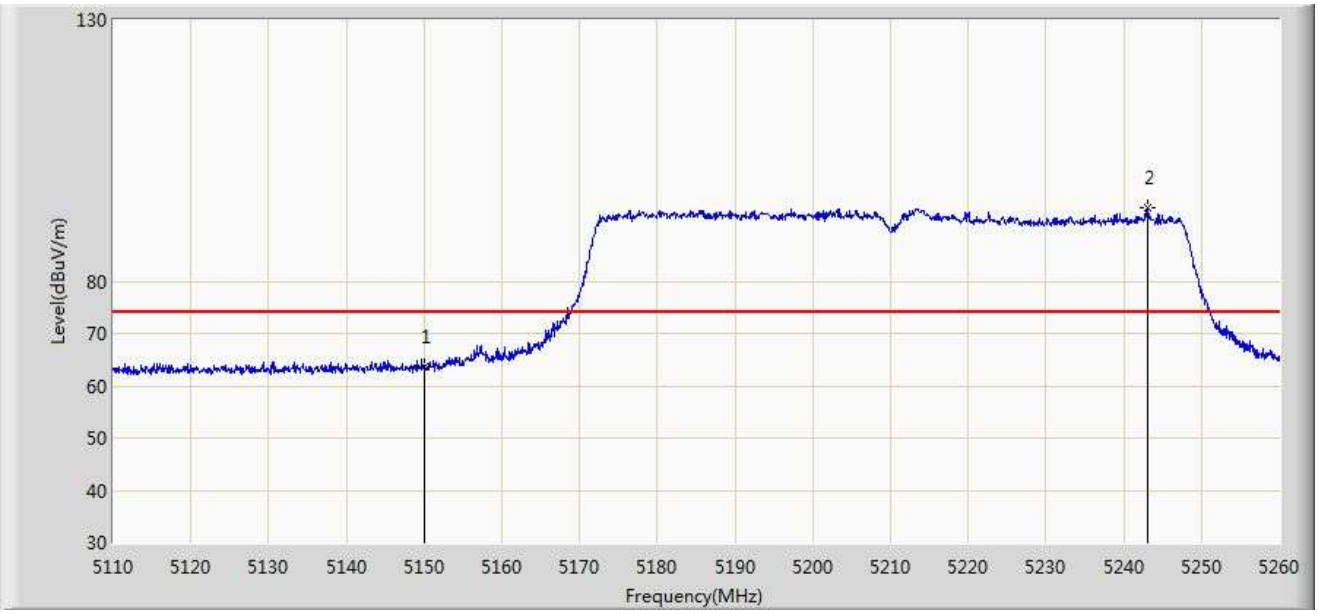


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.062	92.318	54.109	N/A	N/A	38.209	AV
2			5860.000	53.987	15.509	-0.013	54.000	38.478	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2	

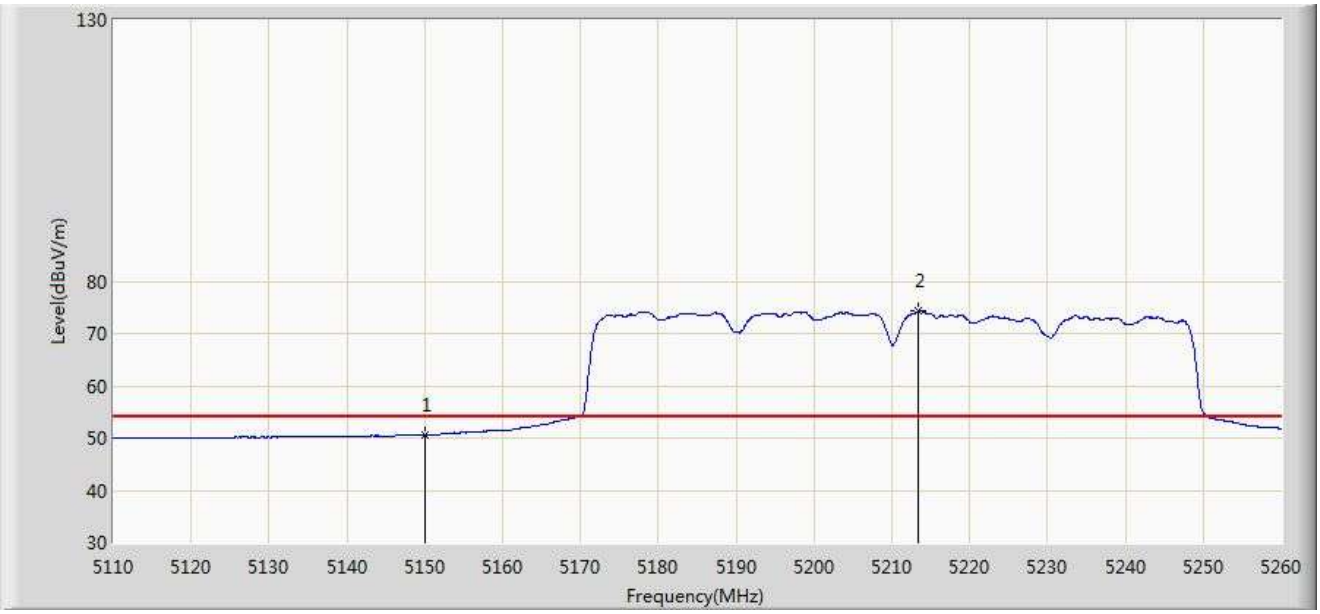


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.719	26.267	-10.281	74.000	37.452	PK
2		*	5243.050	94.147	56.938	N/A	N/A	37.209	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2	

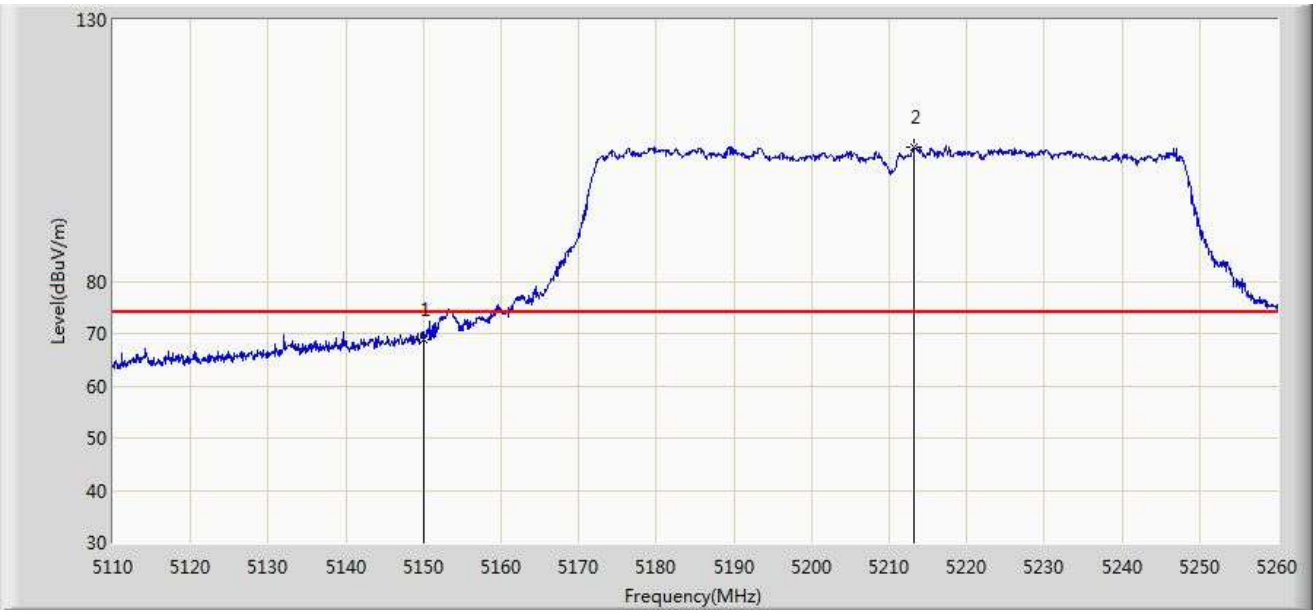


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.554	13.102	-3.446	54.000	37.452	AV
2		*	5213.425	74.277	36.998	N/A	N/A	37.280	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2	

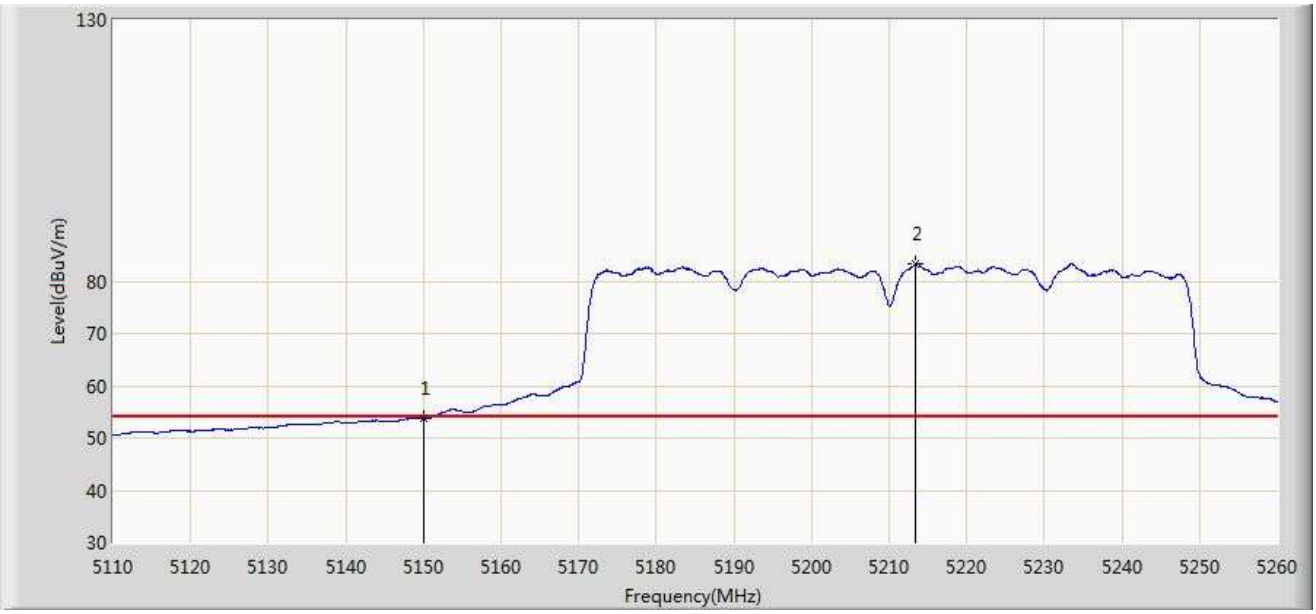


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.969	31.517	-5.031	74.000	37.452	PK
2		*	5213.275	105.737	68.457	N/A	N/A	37.280	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2	

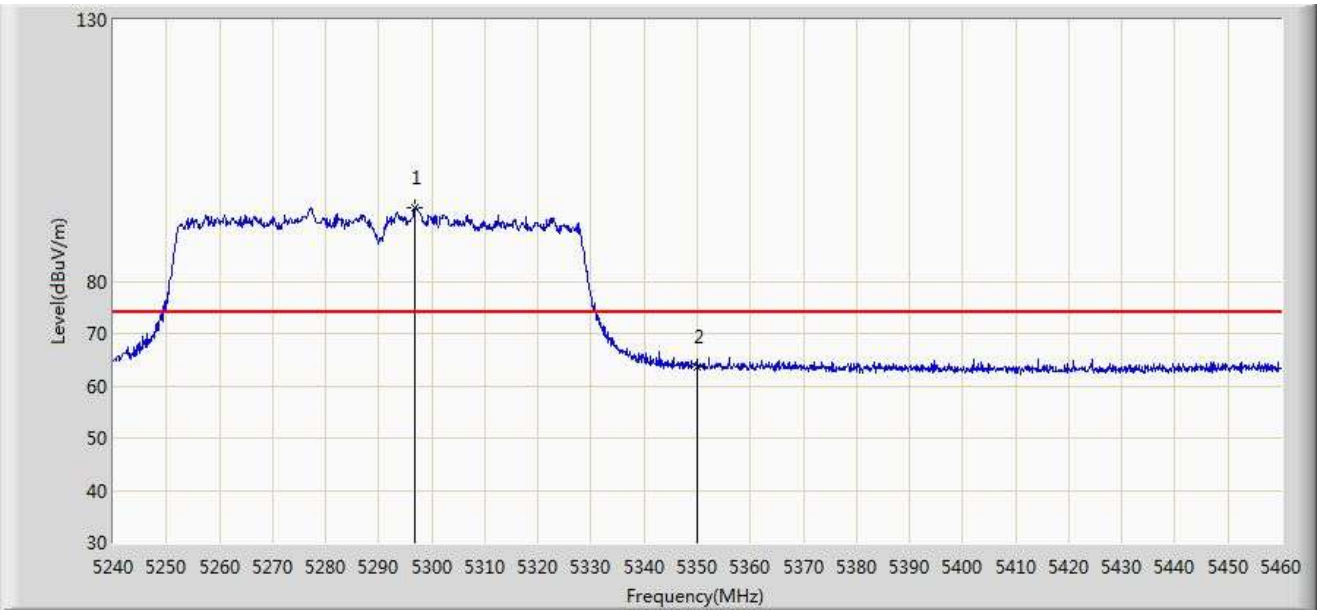


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.728	16.276	-0.272	54.000	37.452	AV
2		*	5213.350	83.293	46.013	N/A	N/A	37.280	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.870	94.171	56.991	N/A	N/A	37.180	PK
2			5350.000	63.704	26.418	-10.296	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

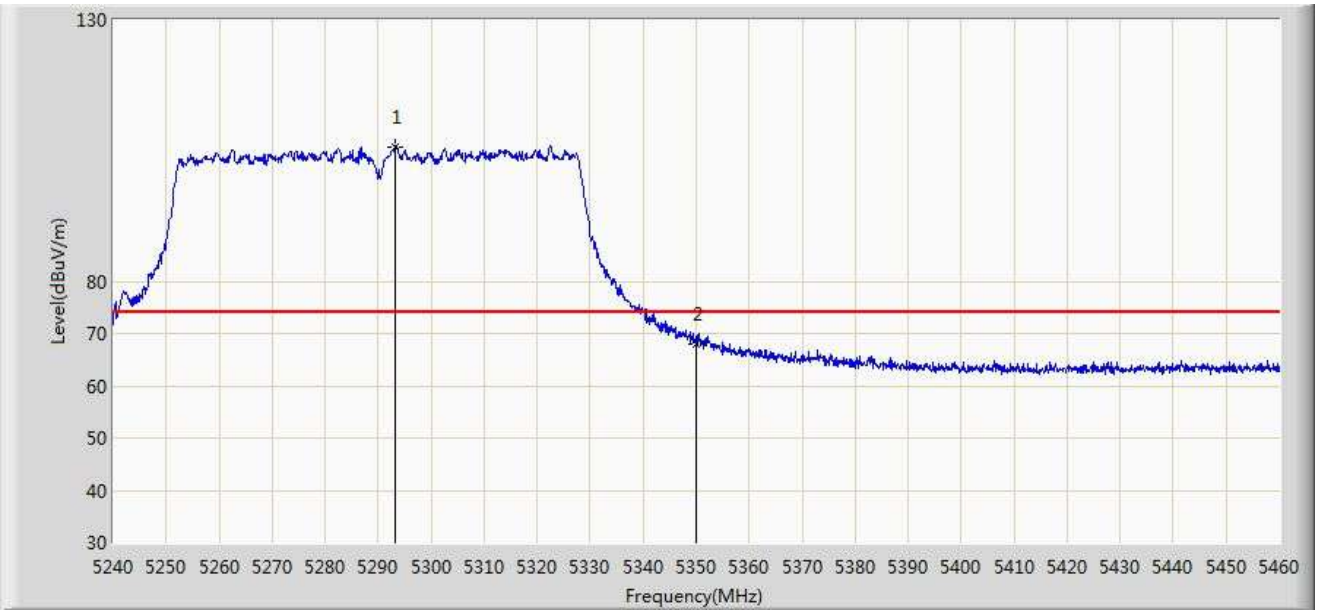
Site: AC1	Time: 2015/05/14 - 00:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5277.730	73.672	36.488	N/A	N/A	37.183	AV
2			5350.000	50.872	13.586	-3.128	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2	

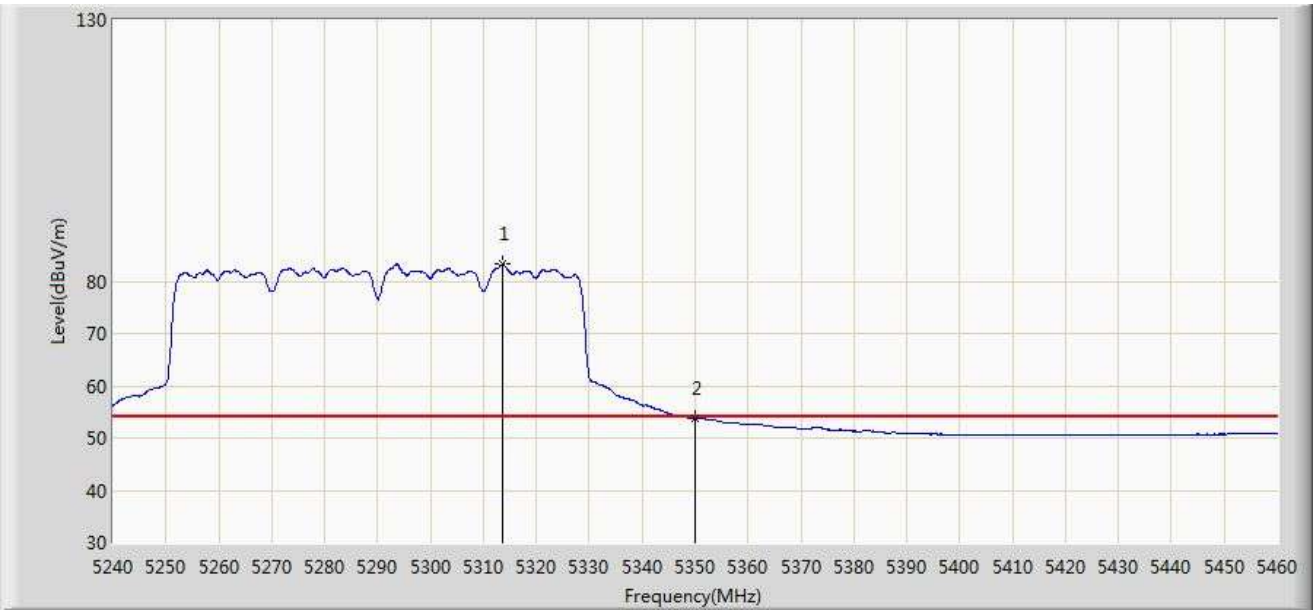


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.130	105.657	68.478	N/A	N/A	37.179	PK
2			5350.000	67.888	30.602	-6.112	74.000	37.286	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2	

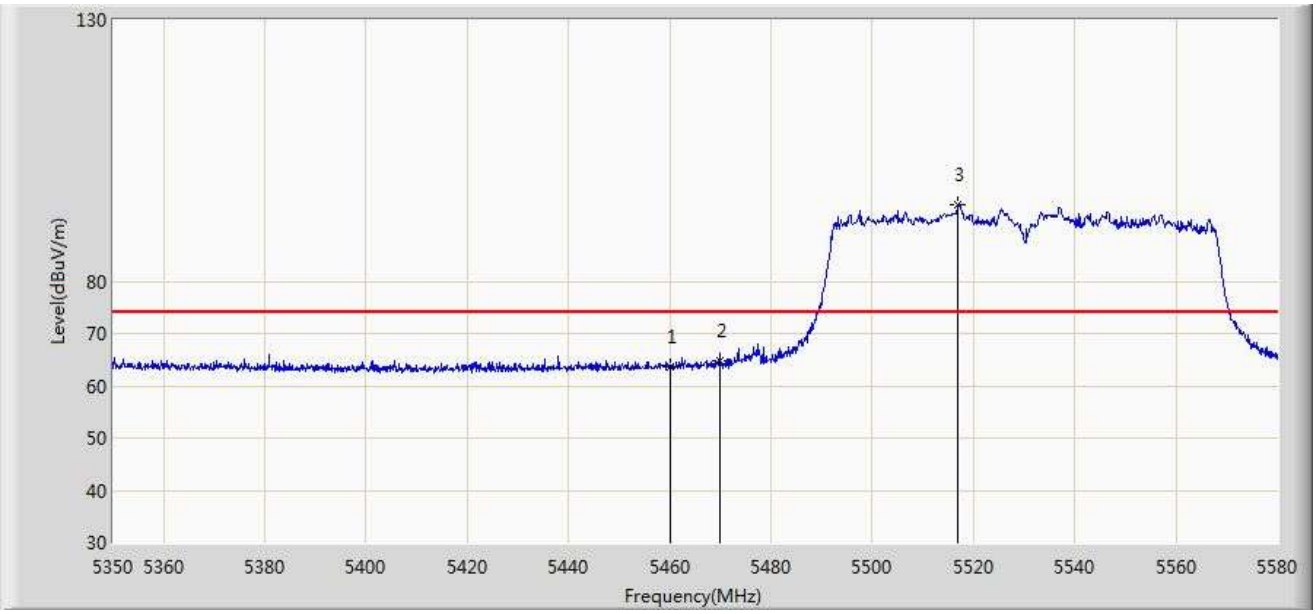


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.480	83.281	46.079	N/A	N/A	37.202	AV
2			5350.000	53.715	16.429	-0.285	54.000	37.286	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2	

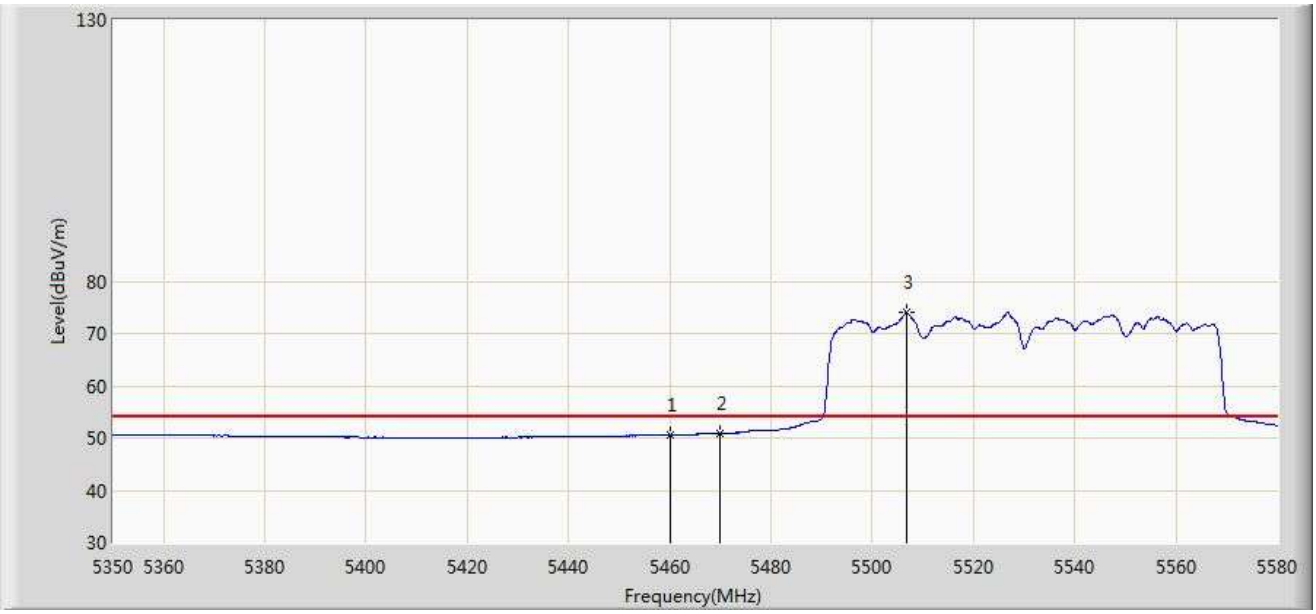


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.613	26.050	-10.387	74.000	37.563	PK
2			5470.000	64.708	27.119	-9.292	74.000	37.588	PK
3		*	5516.980	94.613	56.970	N/A	N/A	37.643	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2	

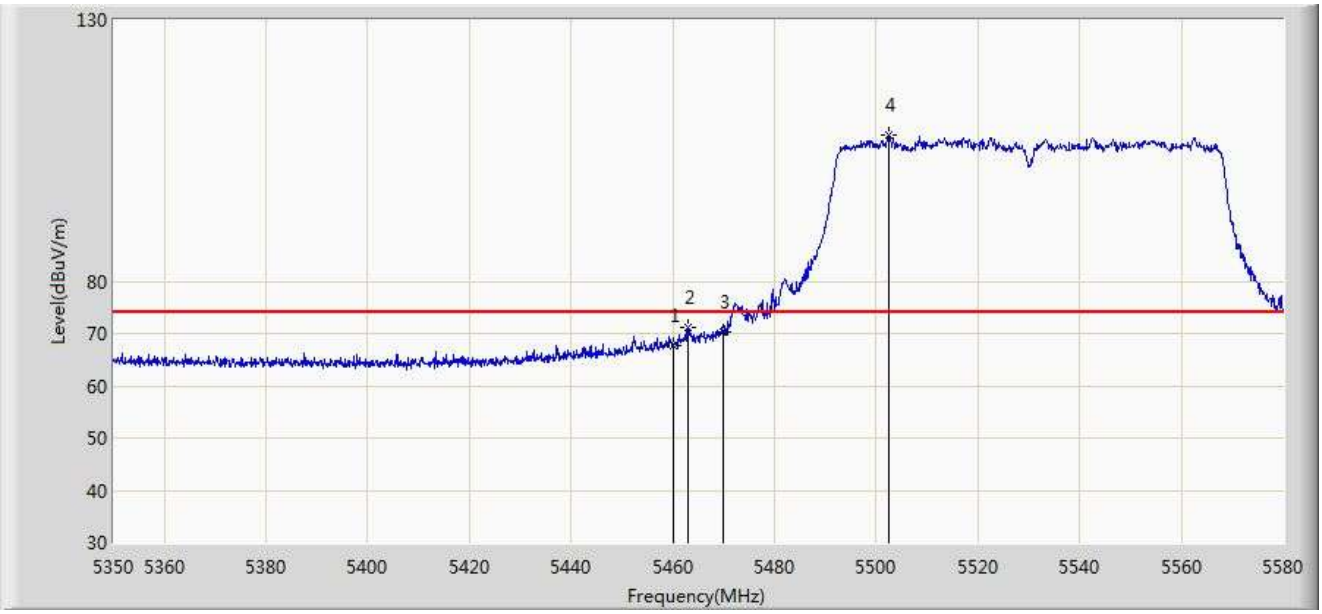


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.573	13.010	-3.427	54.000	37.563	AV
2			5470.000	50.822	13.233	-3.178	54.000	37.588	AV
3		*	5506.745	73.989	36.357	N/A	N/A	37.632	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2	

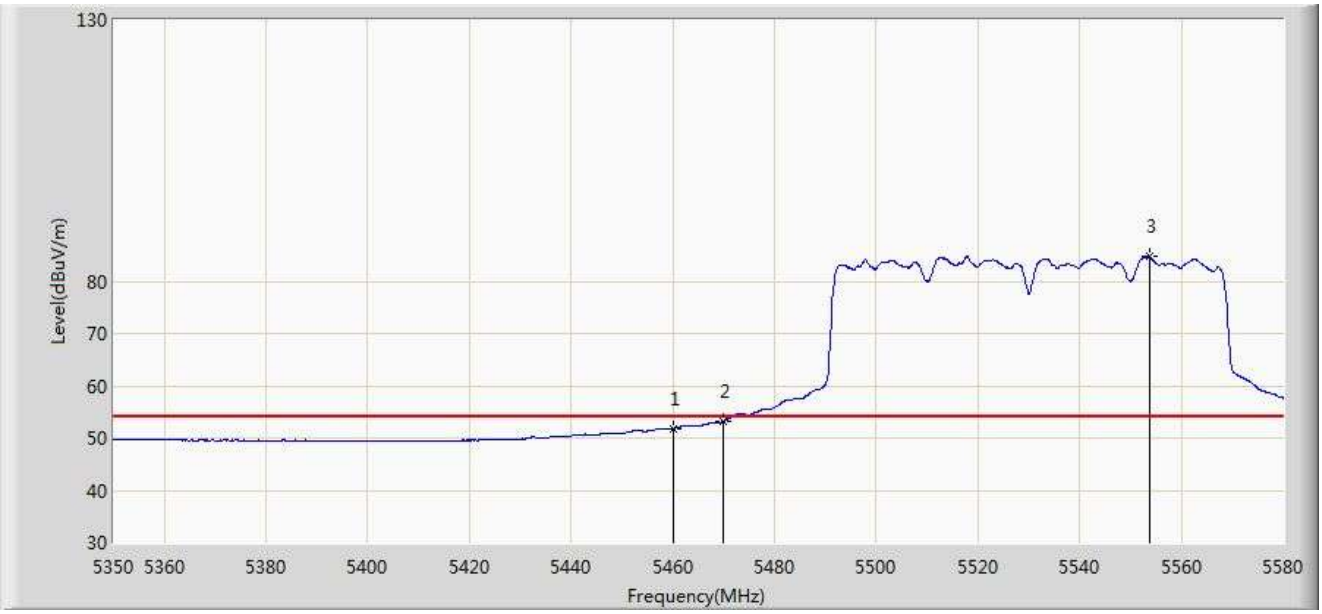


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.779	30.216	-6.221	74.000	37.563	PK
2			5462.930	71.159	33.589	-2.841	74.000	37.570	PK
3			5470.000	70.269	32.680	-3.731	74.000	37.588	PK
4		*	5502.490	107.834	70.207	N/A	N/A	37.627	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/17 - 01:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2	

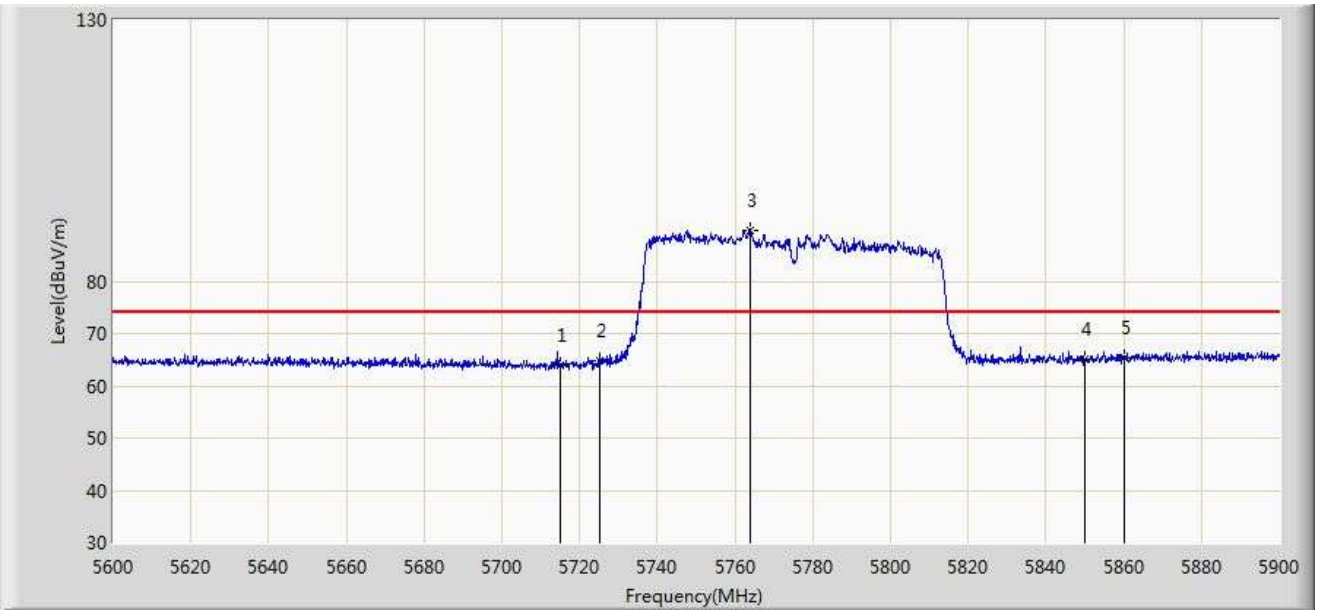


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.750	14.187	-2.250	54.000	37.563	AV
2			5470.000	53.210	15.622	-0.790	54.000	37.588	AV
3		*	5553.780	84.756	47.053	N/A	N/A	37.703	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2	

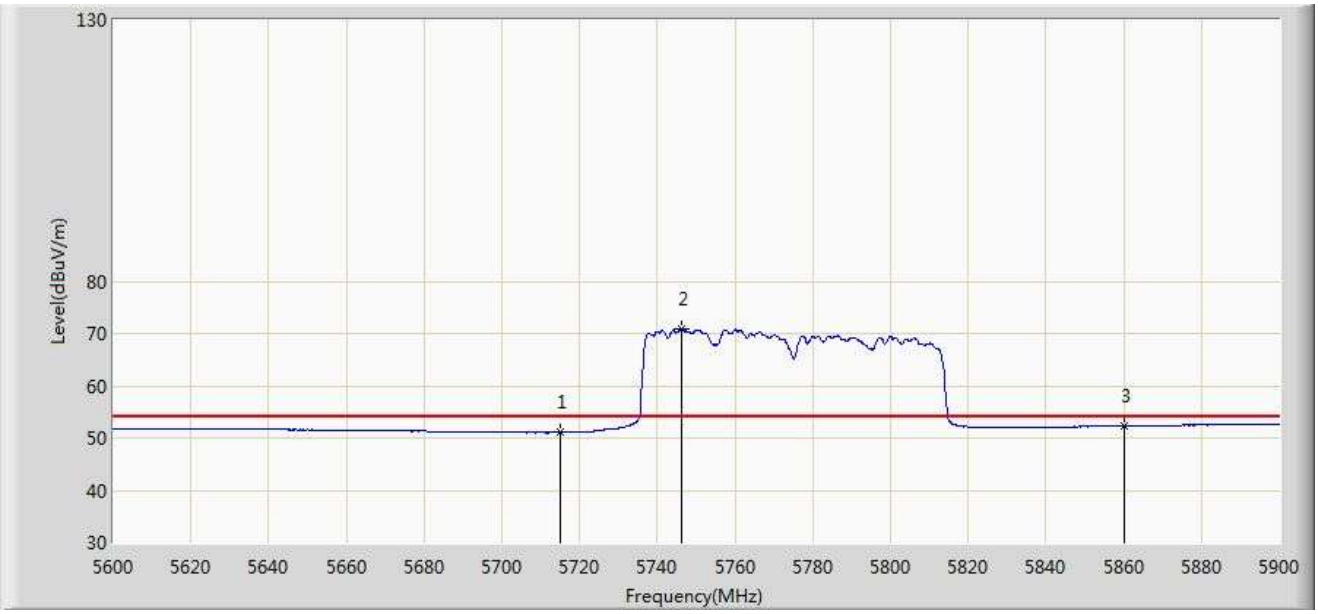


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.817	25.868	-10.183	74.000	37.949	PK
2			5725.000	64.763	26.773	-13.437	78.200	37.990	PK
3		*	5763.800	89.834	51.684	N/A	N/A	38.151	PK
4			5850.000	65.103	26.650	-13.097	78.200	38.454	PK
5			5860.000	65.430	26.952	-8.570	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2	

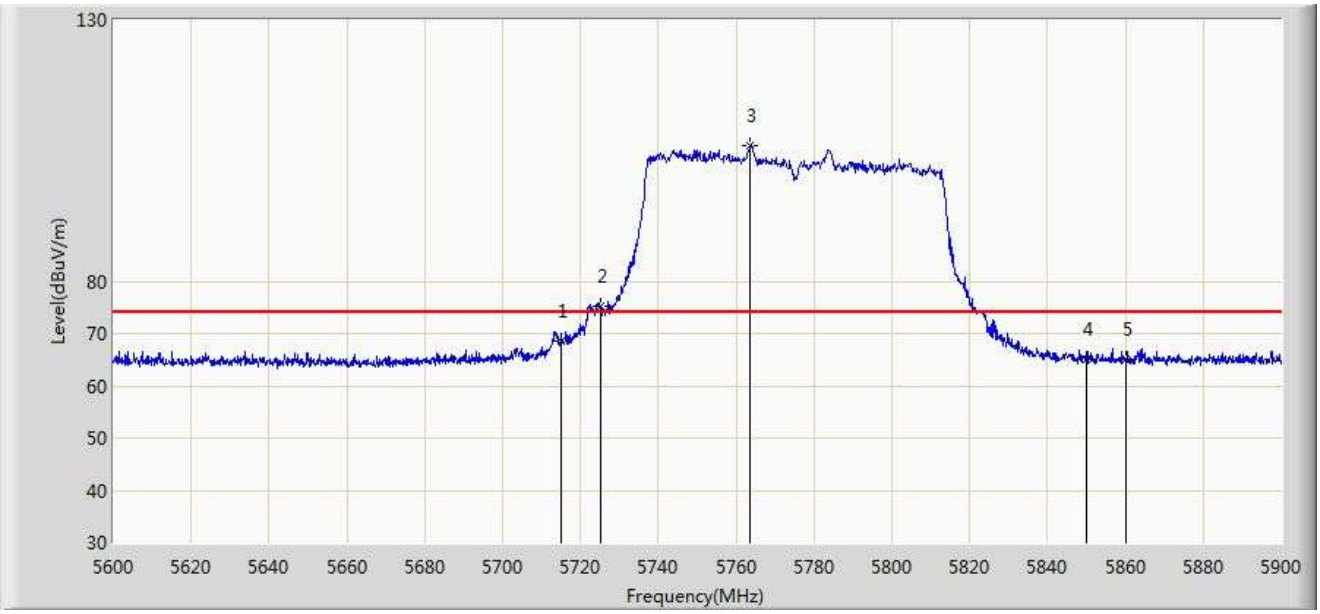


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.043	13.094	-2.957	54.000	37.949	AV
2		*	5746.400	70.976	32.897	N/A	N/A	38.079	AV
3			5860.000	52.311	13.833	-1.689	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.534	30.585	-5.466	74.000	37.949	PK
2			5725.000	75.359	37.369	-2.841	78.200	37.990	PK
3		*	5763.650	105.967	67.817	N/A	N/A	38.150	PK
4			5850.000	65.191	26.738	-13.009	78.200	38.454	PK
5			5860.000	65.184	26.706	-8.816	74.000	38.478	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2015/05/14 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.897	15.948	-0.103	54.000	37.949	AV
2		*	5743.700	82.748	44.682	N/A	N/A	38.066	AV
3			5860.000	52.738	14.260	-1.262	54.000	38.478	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

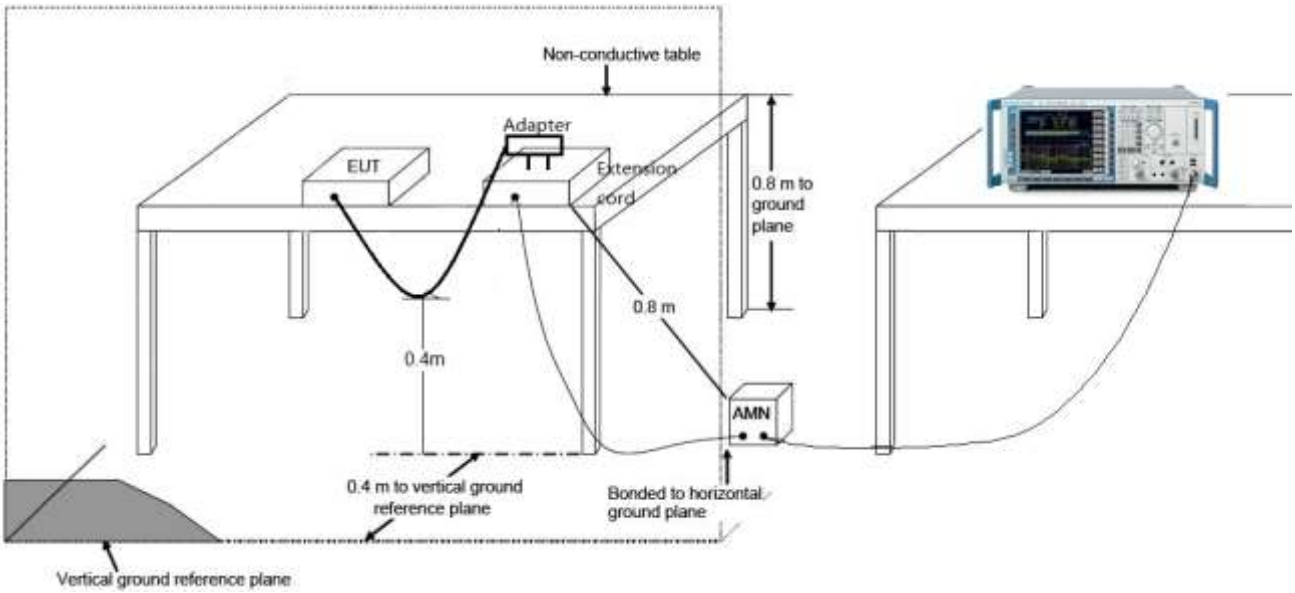
7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

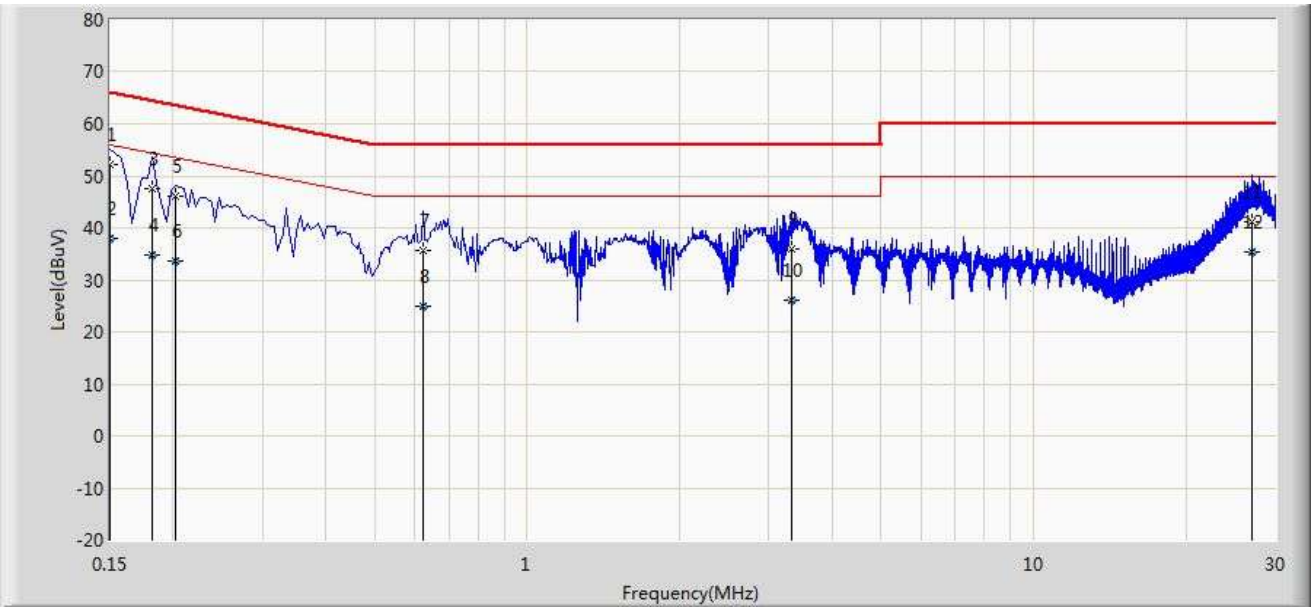
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2015/05/14 - 15:52
Limit: FCC_Part15.207_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode1	

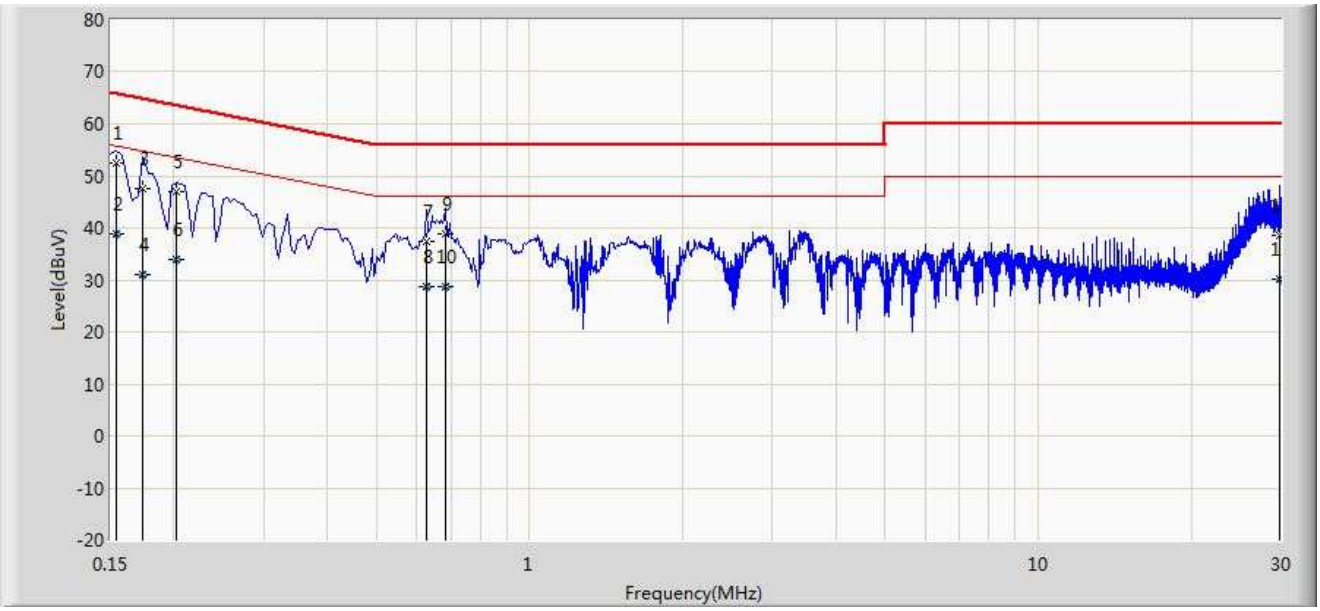


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	52.218	41.049	-13.782	66.000	11.168	QP
2			0.150	37.894	26.726	-18.106	56.000	11.168	AV
3			0.182	47.678	37.629	-16.716	64.394	10.048	QP
4			0.182	34.903	24.855	-19.491	54.394	10.048	AV
5			0.202	46.231	36.238	-17.297	63.528	9.993	QP
6			0.202	33.630	23.637	-19.898	53.528	9.993	AV
7			0.622	35.724	25.620	-20.276	56.000	10.103	QP
8			0.622	24.968	14.865	-21.032	46.000	10.103	AV
9			3.322	36.042	26.148	-19.958	56.000	9.895	QP
10			3.322	25.997	16.102	-20.003	46.000	9.895	AV
11			26.926	41.209	30.970	-18.791	60.000	10.239	QP
12			26.926	35.343	25.104	-14.657	50.000	10.239	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2015/05/14 - 16:02
Limit: FCC_Part15.207_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	52.533	41.817	-13.248	65.781	10.716	QP
2			0.154	38.749	28.033	-17.033	55.781	10.716	AV
3			0.174	47.468	37.411	-17.300	64.767	10.057	QP
4			0.174	31.158	21.101	-23.610	54.767	10.057	AV
5			0.202	46.861	36.853	-16.667	63.528	10.008	QP
6			0.202	33.977	23.969	-19.551	53.528	10.008	AV
7			0.626	37.433	27.316	-18.567	56.000	10.117	QP
8			0.626	28.768	18.651	-17.232	46.000	10.117	AV
9			0.682	38.720	28.635	-17.280	56.000	10.085	QP
10			0.682	28.777	18.692	-17.223	46.000	10.085	AV
11			29.706	38.570	28.134	-21.430	60.000	10.436	QP
12			29.706	30.198	19.762	-19.802	50.000	10.436	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **802.11ac Dual Band Module**

FCC ID: TK4WLE900VX is in compliance with Part 15E of the FCC Rules.

The End