

Recognized by the German Regulator  
 to act as a Notified Body in accordance with the  
 R&TTE Directive 1999/5/EC of 9. March 1999



BNetzA-bS-02/51-54

## R&TTE STATEMENT OF OPINION

Registration No. G110471F

Certificate Holder  
 Compex Systems Pte Ltd  
 135 Joo Seng Road #08-01  
 Singapore 368363  
 Singapore

Product Designation  
 802.11ac Dual Band Module,  
 Model WLE900VX, Trade Name: COMPEX

Product Description  
 WiFi Module

Manufacturer  
 Compex Systems Pte Ltd  
 135 Joo Seng Road #08-01  
 Singapore 368363  
 Singapore

Essential Requirement	Applied Specifications / Standards	Documentary Evidence	Result
Art. 3.1(a) Health	EN 62311	Test Report 1503RSU03011	conform
Art. 3.1(a) Safety	EN 60950-1+A11+A1+A12+A2	Test Report 1550393R-S	conform
Art. 3.1(b) EMC	EN 301 489-1/-17	Test Report 1503RSU03010	conform
Art. 3.2 Radio	EN 300 328 EN 301 893 EN 302 502	Test Report 1503RSU03005 Test Report 1503RSU03006 Test Report 1503RSU03007 Test Report 1503RSU03008 Test Report 1503RSU03009	conform

The product shall be marked with the CE conformity marking  
 and our Notified Body number as shown on the right.

**CE 0678** 

The scope of evaluation relates to the submitted documents only.

This Statement of Opinion is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC  
 of 9<sup>th</sup> March, 1999 and is only valid in conjunction with the attached Annex.

Unterleinleiter,  
 2015-06-03



Kai Heinrichs  
 Notified Body



## Technical Details

Frequency Range:	2412 – 2472 MHz (802.11b/g/n_HT20) 2422 – 2462 MHz (802.11n_HT40) 5180 – 5240 MHz (802.11a/n-HT20/ac-VHT20) 5260 – 5320 MHz (802.11a/n-HT20/ac-VHT20) 5500 – 5700 MHz (802.11a/n-HT20/ac-VHT20) 5190 – 5230 MHz (802.11n-HT40/ac-VHT40) 5270 – 5310 MHz (802.11n-HT40/ac-VHT40) 5510 – 5670 MHz (802.11n-HT40/ac-VHT40) 5210 MHz, 5290 MHz, 5530 MHz, 5610 MHz (802.11ac-VHT80) 5745 – 5825 MHz (802.11a/n-HT20/ac-VHT20)
Transmit Power:	19.97 dBm EIRP (2.4 GHz) 29.91 dBm EIRP (5 GHz)
Modulation Type:	DSSS, OFDM

### Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>			
Applied Standards	Version	Applied Standards	Version
EN 62311	2008		
Report or Certificate No.	Issue Date	Issued by	
1503RSU03011	2015-06-01	MRT Technology (Suzhou) Co., Ltd	
<i>To demonstrate conformity with Article 3.1(a) Safety</i>			
Applied Standards	Version	Applied Standards	Version
EN 60950-1+A11+A1+A12+A2	2013		
Report or Certificate No.	Issue Date	Issued by	
1550393R-S	2015-05-21	QuieTek Technology (Suzhou) Co., Ltd	
<i>To demonstrate conformity with Article 3.1(b) EMC</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 489-1	V1.9.2		
EN 301 489-17	V2.2.1		
Report or Certificate No.	Issue Date	Issued by	
1503RSU03010	2015-06-01	MRT Technology (Suzhou) Co., Ltd	
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>			
Applied Standards	Version	Applied Standards	Version
EN 300 328	V1.8.1	EN 302 502	V1.2.1
EN 301 893	V1.7.1		
Report or Certificate No.	Issue Date	Issued by	
1503RSU03005	2015-05-21	MRT Technology (Suzhou) Co., Ltd	
1503RSU03006	2015-06-01	MRT Technology (Suzhou) Co., Ltd	
1503RSU03007	2015-06-02	MRT Technology (Suzhou) Co., Ltd	
1503RSU03008	2015-06-02	MRT Technology (Suzhou) Co., Ltd	
1503RSU03009	2015-06-01	MRT Technology (Suzhou) Co., Ltd	
<i>Declaration of Conformity</i>			
Signed by		Date	
Yaw Thiam Teng		2015-05-21	
<i>Technical Documentation</i>			
Block diagram			
Operational description			
Schematic diagram			
User Manual			