

Test Report No.:
FCC2022-0067-RF

RF Test Report

EUT : WiFi module
MODEL : HLK-7628N
BRAND NAME : N/A
CLIENT : Chengdu Vantron Technology Co., Ltd.
Classification Of Test : N/A

CVC Testing Technology Co., Ltd.



CVC Testing Technology Co., Ltd.

Test Report No.:FCC2022-0067-RF

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Client		Name:Chengdu Vantron Technology Co., Ltd. Address : No.5 GaoPeng Road, Hi-Tech Zone, Chengdu, SiChuan, P.R. China	
Manufacturer		Name:Chengdu Vantron Technology Co., Ltd. Address : No.5 GaoPeng Road, Hi-Tech Zone, Chengdu, SiChuan, P.R. China	
Equipment Under Test		Name :WiFi module Model/Type:HLK-7628N Trade mark :N/A Serial NO.:N/A Sampe NO.:1-1	
Date of Receipt.	2022.11.14	Date of Testing	2022.11.14~2022.11.25
Test Specification		Test Result	
FCC Part 15, Subpart C, Section 15.247		PASS	
Evaluation of Test Result	The equipment under test was found to comply with the requirements of the standards applied. Seal of CVC Issue Date: 2022.11.25		
Tested by:  Xu ZhenFei Name Signature	Reviewed by:  Liu YongHai Name Signature	Approved by:  Chen HuaWen Name Signature	
Other Aspects: NONE.			
Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCC2022-0067-RF	Original release	2022.11.25



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	REMARK
15.247(d) 15.209	Radiated Emissions	PASS	Meet the requirement of limit.
15.247(b)	Conducted Output power	PASS	Meet the requirement of limit.

For WLAN2.4G, verified conducted power, the power of each band is lower than original, only RSE was retested.



1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Test Equipment	Type/Mode	SERIAL NO.	Equipment No.	Manufacturer	Cal. Due
WIFI & Bluetooth Test System 1					/
Communication Shielded Room 2	4m*3m*3m	CRTDSWKSR44301	VGDS-0700	CRT	2024/04/24
Bluetooth system integration	/	/	-	Tonscend	/
Spectrum Analyzer	FSV40	101580	DZ-000238-3	R&S	2023/06/05
Comprehensive Test Instrument	CMW270	100304	DZ-000240-1	R&S	2022/12/09
Analog Signal Generator	SMB100A	181858	DZ-000238-2	R&S	2023/06/05
Vector Signal Generator	SGT100A	111661	DZ-000238-1	R&S	2023/06/05
RF Radio Frequency Switch	JS0806-2	19H9080187		Tonscend	2023/06/06
Programmable DC Power Supply	E3644A	MY58036222	DZ-000178	KEYSIGHT	2023/04/21
Radiation Spurious Test System					/
3m Semi-Anechoic Chamber	FACT-4	ST08035	WKNA-0024	ETS	2024/12/12
Spectrum Analyzer	N9010B	MY57470323	DZ-000174	KEYSIGHT	2023/03/02
EMI Test Receiver	N9038A-508	MY532290079	EM-000397	Agilent	2023/03/02
Broadband Antenna	VULB 9163	9163-530	EM-000342	SCHWARZBECK	2023/06/25
Waveguide Horn Antenna	HF906	360306/008	WKNA-0024-8	R&S	2023/03/04
Waveguide Horn Antenna	BBHA9170	00949	DZ-000209-2	SCHWARZBECK	2023/07/31
Preamplifier	BBV 9721	9721-050	DZ-000209-1	SCHWARZBECK	2023/06/05
5G Bandstop Filters	WRCJV12-4 900-5100-5 900-6100-5 0EE	1	DZ-000186	WI	2022/12/20
Comprehensive tester	CMW500	159000	DZ-000240-2	R&S	2022/12/20

1.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

No.	ITEM	FREQUENCY	UNCERTAINTY
1	Conducted emissions	9kHz~30MHz	±2.66dB
2	Radiated emissions	9KHz ~ 30MHz	±0.769dB
		30MHz ~ 1GMHz	±0.877dB
		1GHz ~ 18GHz	±0.777dB
		18GHz ~ 40GHz	±1.315dB

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

1.3 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab. of CVC Testing Technology Co., Ltd.

Address: No.3,TiantaiyiRoad,KaitaiAvenue,ScienceCity,Guangzhou,China

Post Code: 510663

Tel: 020-32293888

FAX: 020-32293889

E-mail: office@cvc.org.cn



2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT	WiFi module										
BRAND	N/A										
MODEL	HLK-7628N										
ADDITIONAL MODEL	N/A										
FCC ID	2AAGEHLK-7628N										
POWER SUPPLY	DC 3.3 from host unit										
MODULATIONTECHNOLOGY	DSSS, OFDM										
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM										
OPERATING FREQUENCY	2412MHz ~ 2462MHz for 11b/g/n(HT20) 2422-2452MHz for 11n(HT40)										
PEAK OUTPUT POWER	WLAN: 23.91dBm (Maximum)										
AV OUTPUT POWER	WLAN: 16.39dBm (Maximum)										
ANTENNA TYPE (Note 4)	External antenna ,3dBi Gain										
I/O PORTS	Refer to user's manual										
CABLE SUPPLIED	N/A										
<p>Note:</p> <ol style="list-style-type: none"> For more detailed features description, please refer to the manufacturer's specifications or the User's Manual. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report. This is provided by the manufacturer. The laboratory is not responsible for technical data provided by the customer. EUT photo refer to the report (Report NO.: FCC2022-0067-E). The EUT have SISO function, provides 2 completed transmitter and 2 receiver. <table border="1"> <thead> <tr><th>MODULATION MODE</th><th>TX FUNCTION</th></tr> </thead> <tbody> <tr><td>802.11b</td><td>SISO</td></tr> <tr><td>802.11g</td><td>SISO</td></tr> <tr><td>802.11n (HT20)</td><td>2TX/2RX</td></tr> <tr><td>802.11n (HT40)</td><td>2TX/2RX</td></tr> </tbody> </table>		MODULATION MODE	TX FUNCTION	802.11b	SISO	802.11g	SISO	802.11n (HT20)	2TX/2RX	802.11n (HT40)	2TX/2RX
MODULATION MODE	TX FUNCTION										
802.11b	SISO										
802.11g	SISO										
802.11n (HT20)	2TX/2RX										
802.11n (HT40)	2TX/2RX										

2.2 Description of Accessories

N/A



2.3 OTHER INFORMATION

Operating frequency of each channel

2.4G WIFI					
802.11b/g/n (HT20)					
CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447		
802.11n (HT40)					
CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
3	2422	6	2437	9	2452
4	2427	7	2442		
5	2432	8	2447		

Note:The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.



2.4 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, xyz axis and antenna ports

EUT CONFIGURE MODE	APPLICABLE TEST ITEMS				DESCRIPTION
	RE<1G	RE≥1G	PLC	APCM	
A	√	√	-	√	2.4G WIFI Function or BT link

Where **RE<1G**: Radiated Emission below 1GHz **RE≥1G**: Radiated Emission above 1GHz
PLC: Power Line Conducted Emission **APCM**: Antenna Port Conducted Measurement

RADIATED EMISSION TEST (BELOW 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.
- The worst case was found when positioned on x axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11b	1 to 11	6	DSSS	DBPSK	6.0

For the test results, only the worst case was shown in test report.

RADIATED EMISSION TEST (ABOVE 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.
- The worst case was found when positioned on x axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11b	1 to 11	1, 6, 11	DSSS	DBPSK	1.0
A	802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6.0
A	802.11n(HT20)	1 to 11	1, 6, 11	OFDM	BPSK	6.5
A	802.11n(HT40)	3 to 9	3, 6, 9	OFDM	BPSK	6.5



ANTENNA PORT CONDUCTED MEASUREMENT:

- This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, antenna ports (if EUT with antenna diversity architecture), and packet types.
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11b	1 to 11	1, 6, 11	DSSS	DBPSK	1.0
A	802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6.0
A	802.11n(HT20)	1 to 11	1, 6, 11	OFDM	BPSK	6.5
A	802.11n(HT40)	3 to 9	3, 6, 9	OFDM	BPSK	6.5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	TEST VOLTAGE (SYSTEM)	TESTED BY
RE<1G	24deg. C, 55%RH	DC 3.3 from host unit	Liu shiwei
RE≥1G	24deg. C, 55%RH	DC 3.3 from host unit	Liu shiwei
PLC	-	-	-
APCM	25deg. C, 58%RH	DC 3.3 from host unit	Liu shiwei



2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

- FCC PART 15, Subpart C. Section 15.247**
- KDB 558074 D01 15.247 Meas Guidance v05r02**
- KDB662911 D01 Multiple Transmitter Output v02r01**
- ANSI C63.10-2020**

All test items have been performed and recorded as per the above standards

2.6 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
1	Laptop	Lenovo	V14	PFNXB1628023	Lab		
2	Adapter	N/A	SAW12-120-1000U D	SAW120-1000UD	Client		
Support Cable							
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by

3 TEST TYPES AND RESULTS

3.1 CONDUCTED OUTPUT POWER

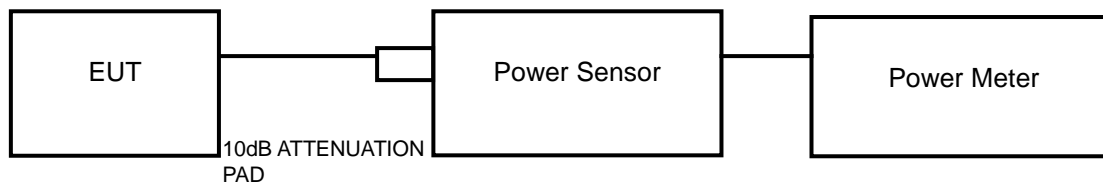
3.1.1 Limits

Forsystems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm).

3.1.2 Measurement procedure

- a. A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor and set the detector to PEAK. Record the power level.
- b. An average power sensor was used on the output port of the EUT. A power meter was used to read the response of the average power sensor and set the detector to AVERAGE. Record the power level.

3.1.3 Test setup





3.1.4 Test result

PK

TestMode	Antenna	Frequenc y[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	17.30	≤30.00	15.90	≤36.00	PASS
	Ant2	2412	17.21	≤30.00	16.04	≤36.00	PASS
	Ant1	2437	17.97	≤30.00	15.59	≤36.00	PASS
	Ant2	2437	17.37	≤30.00	16.47	≤36.00	PASS
	Ant1	2462	17.43	≤30.00	16.10	≤36.00	PASS
	Ant2	2462	16.80	≤30.00	16.72	≤36.00	PASS
11G	Ant1	2412	21.32	≤30.00	24.30	≤36.00	PASS
	Ant2	2412	21.08	≤30.00	23.78	≤36.00	PASS
	Ant1	2437	21.83	≤30.00	24.63	≤36.00	PASS
	Ant2	2437	21.05	≤30.00	23.51	≤36.00	PASS
	Ant1	2462	21.27	≤30.00	23.98	≤36.00	PASS
	Ant2	2462	20.64	≤30.00	22.93	≤36.00	PASS
11N20MIM O	Ant1	2412	20.82	≤30.00	22.90	≤36.00	PASS
	Ant2	2412	20.50	≤30.00	23.07	≤36.00	PASS
	total	2412	23.67	≤30.00	26.00	≤36.00	PASS
	Ant1	2437	21.24	≤30.00	23.30	≤36.00	PASS
	Ant2	2437	20.54	≤30.00	23.17	≤36.00	PASS
	total	2437	23.91	≤30.00	26.25	≤36.00	PASS
	Ant1	2462	20.80	≤30.00	22.70	≤36.00	PASS
	Ant2	2462	20.11	≤30.00	22.66	≤36.00	PASS
	total	2462	23.48	≤30.00	25.69	≤36.00	PASS
11N40MIM O	Ant1	2422	20.41	≤30.00	22.90	≤36.00	PASS
	Ant2	2422	20.19	≤30.00	23.07	≤36.00	PASS
	total	2422	23.31	≤30.00	26.00	≤36.00	PASS
	Ant1	2437	20.88	≤30.00	23.30	≤36.00	PASS
	Ant2	2437	20.13	≤30.00	23.17	≤36.00	PASS
	total	2437	23.53	≤30.00	26.25	≤36.00	PASS
	Ant1	2452	21.03	≤30.00	22.70	≤36.00	PASS
	Ant2	2452	20.16	≤30.00	22.66	≤36.00	PASS
	total	2452	23.63	≤30.00	25.69	≤36.00	PASS



AV

Test Mode	Antenna	Frequency[MHz]	PowerClass	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	12	13.98	≤30.00	3	16.98	≤36.00	PASS
	Ant2	2412	12	14.07	≤30.00	3	17.07	≤36.00	PASS
	Ant1	2437	12	14.50	≤30.00	3	17.50	≤36.00	PASS
	Ant2	2437	12	14.31	≤30.00	3	17.31	≤36.00	PASS
	Ant1	2462	12	14.12	≤30.00	3	17.12	≤36.00	PASS
	Ant2	2462	12	13.72	≤30.00	3	16.72	≤36.00	PASS
11G	Ant1	2412	14	13.53	≤30.00	3	16.53	≤36.00	PASS
	Ant2	2412	14	13.60	≤30.00	3	16.60	≤36.00	PASS
	Ant1	2437	14	13.82	≤30.00	3	16.82	≤36.00	PASS
	Ant2	2437	14	13.47	≤30.00	3	16.47	≤36.00	PASS
	Ant1	2462	14	13.50	≤30.00	3	16.50	≤36.00	PASS
	Ant2	2462	14	13.14	≤30.00	3	16.14	≤36.00	PASS
11N20MIM O	Ant1	2412	7	12.93	≤30.00	3	15.93	≤36.00	PASS
	Ant2	2412	7	13.07	≤30.00	3	16.07	≤36.00	PASS
	total	2412	7	16.01	≤30.00	---	19.01	≤36.00	PASS
	Ant1	2437	7	13.58	≤30.00	3	16.58	≤36.00	PASS
	Ant2	2437	7	13.18	≤30.00	3	16.18	≤36.00	PASS
	total	2437	7	16.39	≤30.00	---	19.39	≤36.00	PASS
	Ant1	2462	7	13.00	≤30.00	3	16.00	≤36.00	PASS
	Ant2	2462	7	12.89	≤30.00	3	15.89	≤36.00	PASS
	total	2462	7	15.96	≤30.00	---	18.96	≤36.00	PASS
11N40MIM O	Ant1	2412	7	12.78	≤30.00	3	15.78	≤36.00	PASS
	Ant2	2412	7	12.53	≤30.00	3	15.53	≤36.00	PASS
	total	2412	7	15.67	≤30.00	---	18.67	≤36.00	PASS
	Ant1	2437	7	12.96	≤30.00	3	15.96	≤36.00	PASS
	Ant2	2437	7	12.68	≤30.00	3	15.68	≤36.00	PASS
	total	2437	7	15.83	≤30.00	---	18.83	≤36.00	PASS
	Ant1	2462	7	12.51	≤30.00	3	15.51	≤36.00	PASS
	Ant2	2462	7	12.65	≤30.00	3	15.65	≤36.00	PASS
	total	2462	7	15.59	≤30.00	---	18.59	≤36.00	PASS



3.2 RADIATED EMISSION AND BANDEDGE MEASUREMENT

3.2.1 Limit

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

FREQUENCIES (MHz)	FIELD STRENGTH (Microvolts/Meter)	MEASUREMENT DISTANCE (Meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE: 1. The lower limit shall apply at the transition frequencies.
NOTE: 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
NOTE: 3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

3.2.2 Measurement procedure

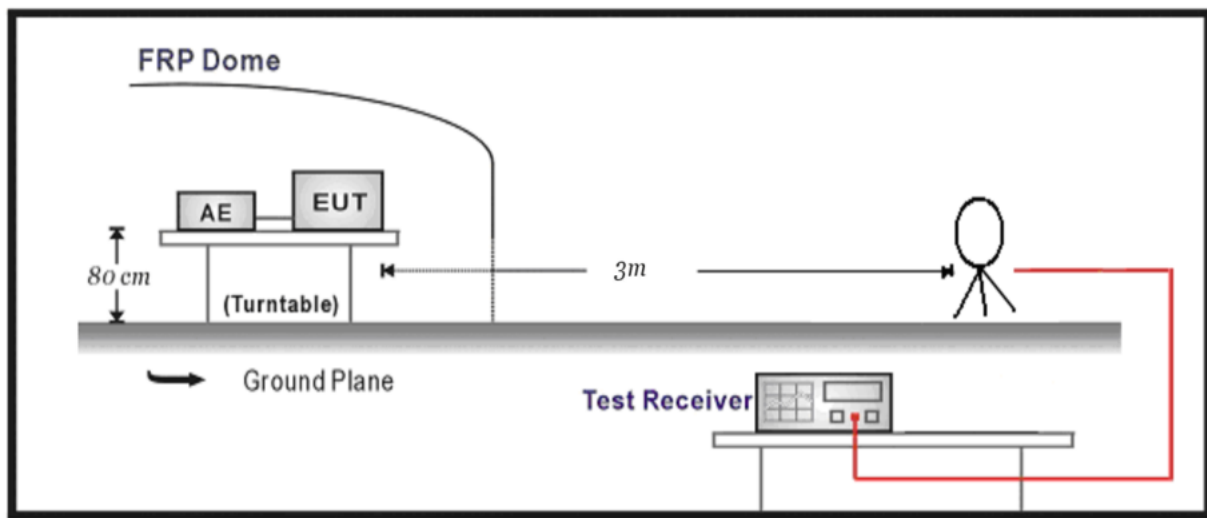
- The EUT was placed on the top of a rotating table 1.5 meters(above 1GHz) and 0.8 meters(below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- For below 1GHz was used bilog antenna, and above 1GHz was used horn antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.
- During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using fresh batteries. The turntable was rotated to maximize the emission level.

NOTE:

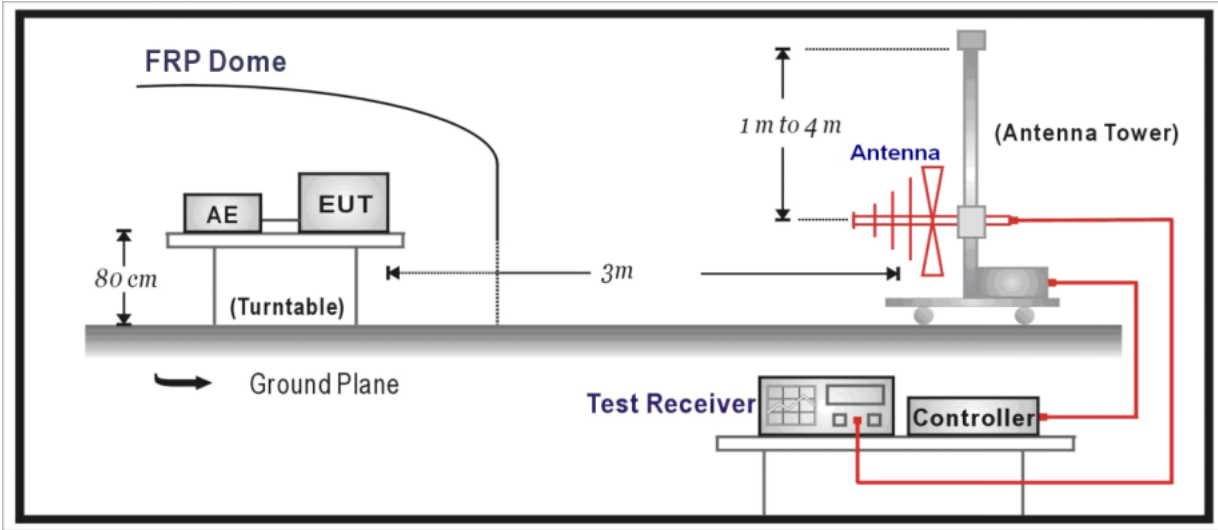
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz(Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.
5. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

3.2.3 Test setup

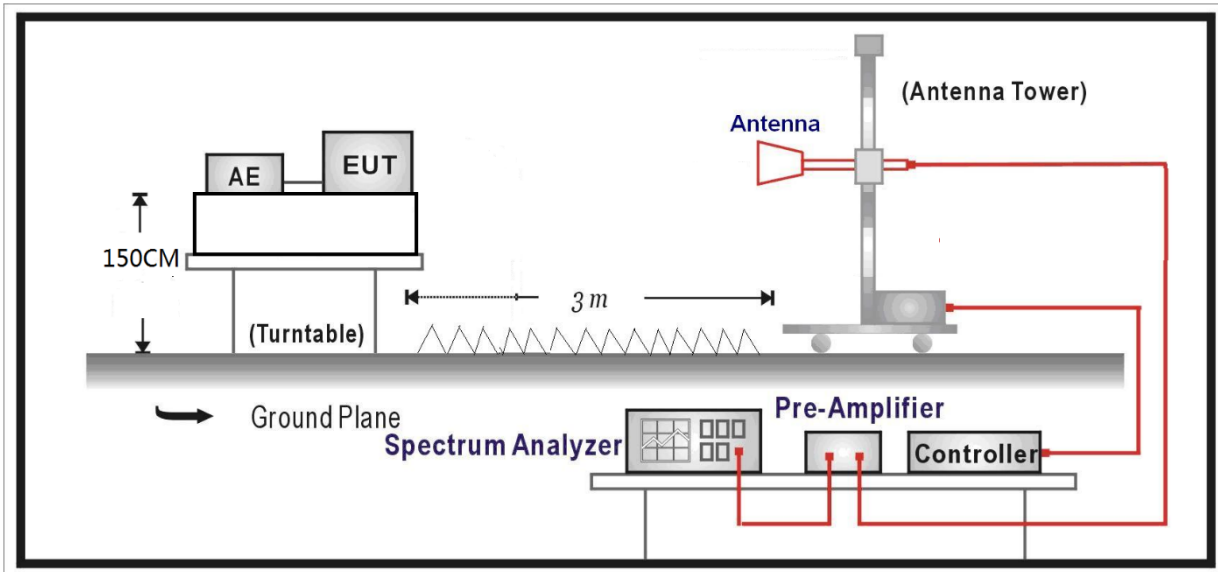
Below 30MHz Test Setup:



Below 1GHz Test Setup:



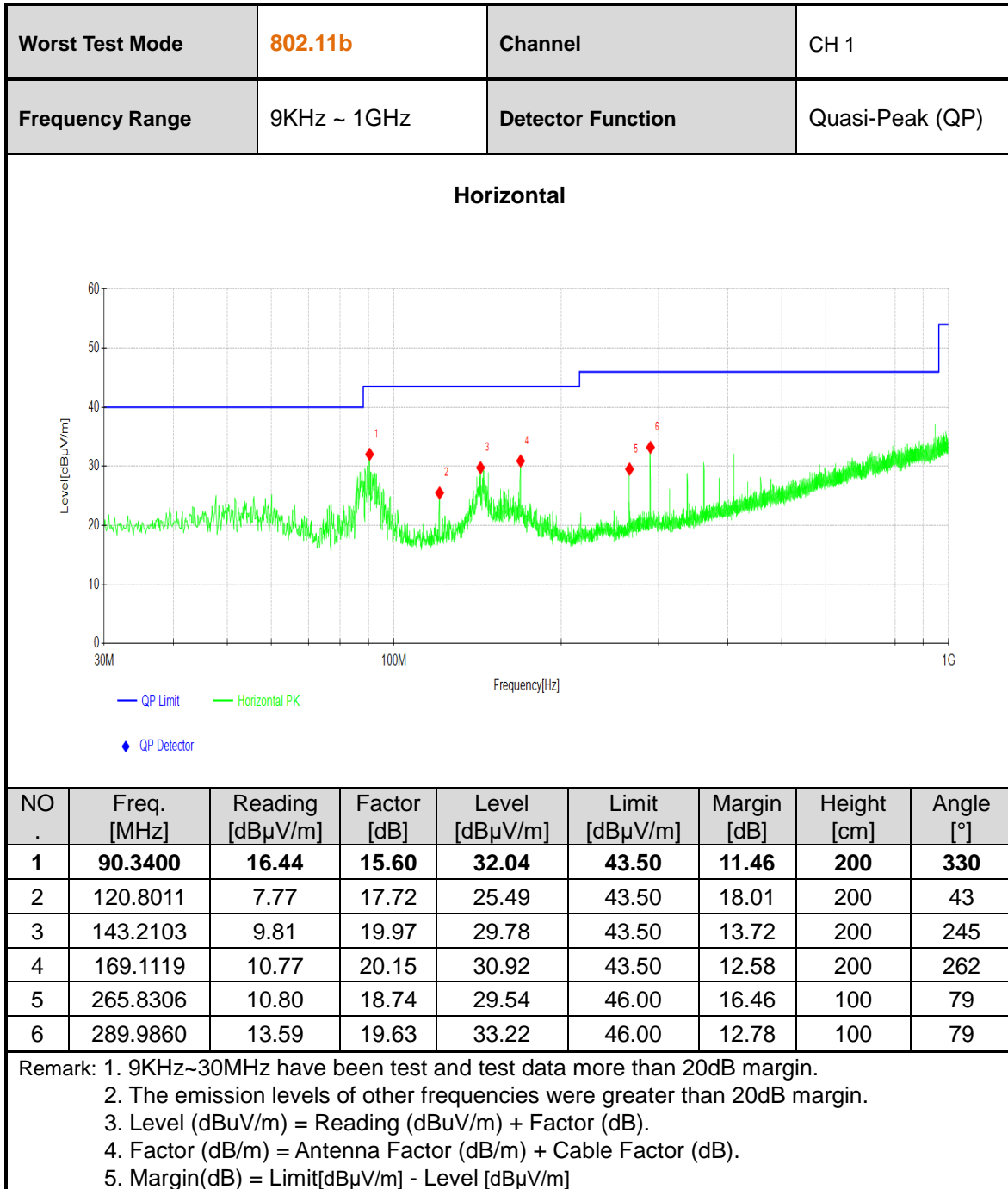
Above 1GHz Test Setup:

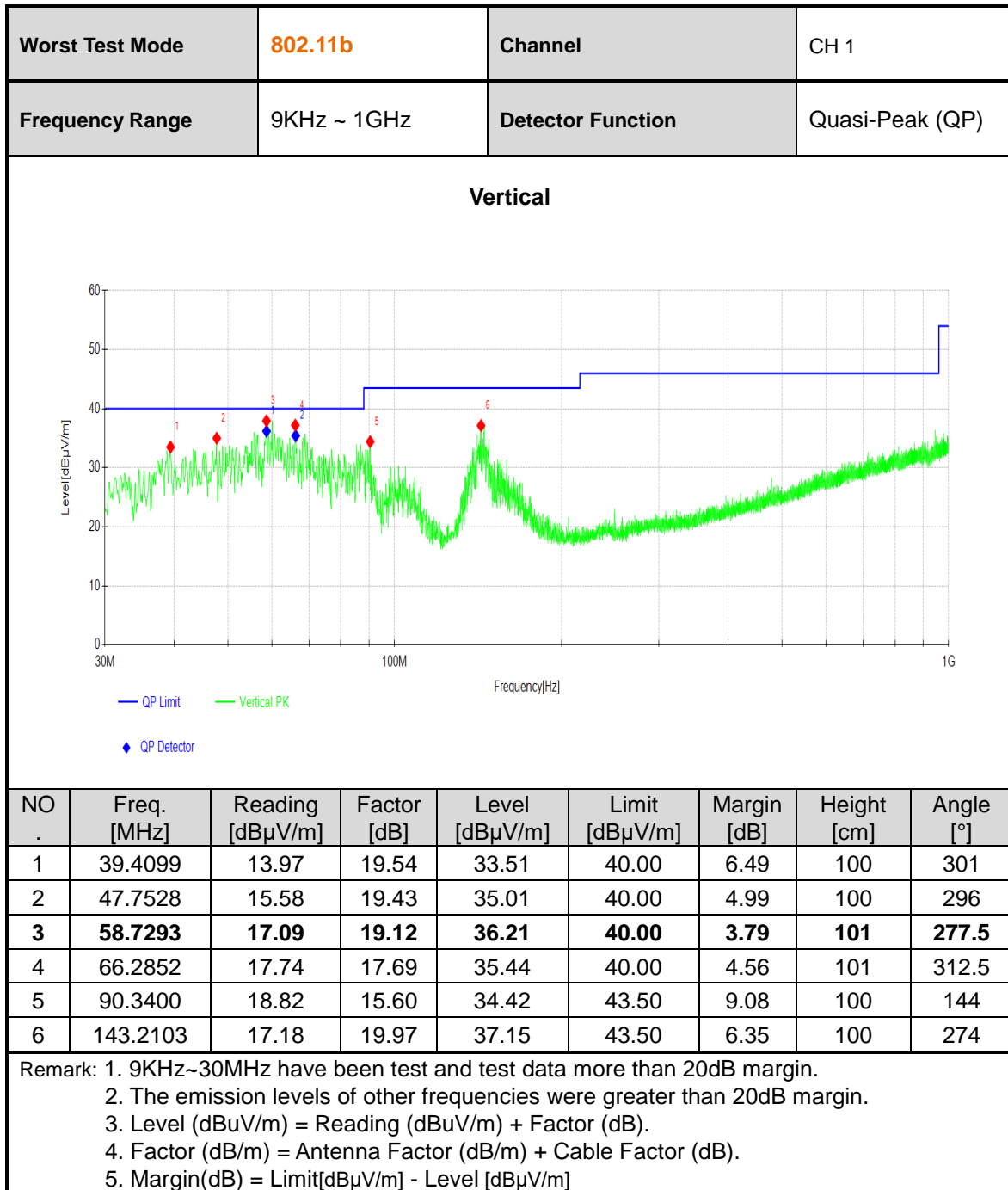




3.2.4 Test results

BELOW 1GHz WORST-CASE DATA:







ABOVE 1GHz DATA

Channel		802.11b CH 1		Frequency		2412MHz			
Frequency Range		Above 1G		Detector Function		PK/AV			
Horizontal									
NO	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	37.80	-0.15	37.65	54.00	16.35	375	153	AV
2	2390.0000	46.24	-0.15	46.09	74.00	27.91	277	160	PK
3	2412.8383	98.63	0.16	98.79			205	160	PK
4	2412.8763	96.74	0.16	96.90			359	160	AV
5	4824.0000	43.60	9.68	53.28	74.00	20.72	368	177	PK
6	4824.0000	36.47	9.68	46.15	54.00	7.85	299	106	AV
7	7236.0000	20.15	12.39	32.54	54.00	21.46	257	74	AV
8	7236.0000	28.23	12.39	40.62	74.00	33.38	200	20	PK
9	9648.0000	27.59	13.13	40.72	74.00	33.28	145	7	PK
10	9648.0000	19.65	13.13	32.78	54.00	21.22	189	120	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	44.71	-0.15	44.56	54.00	9.44	177	340	AV
2	2390.0000	52.22	-0.15	52.07	74.00	21.93	353	1	PK
3	2412.8003	109.88	0.16	110.04			135	1	PK
4	2412.9333	107.87	0.17	108.04			191	3	AV
5	4824.0000	46.41	9.68	56.09	74.00	17.91	253	199	PK
6	4824.0000	41.89	9.68	51.57	54.00	2.43	190	195	AV
7	7236.0000	20.27	12.39	32.66	54.00	21.34	295	102	AV
8	7236.0000	28.14	12.39	40.53	74.00	33.47	270	6	PK
9	9648.0000	27.46	13.13	40.59	74.00	33.41	286	10	PK
10	9648.0000	19.68	13.13	32.81	54.00	21.19	331	32	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel		802.11b CH 6		Frequency		2437MHz			
Frequency Range		Above 1G		Detector Function		PK/AV			
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	43.03	9.70	52.73	74.00	21.27	154	306	PK
2	4874.0000	34.94	9.70	44.64	54.00	9.36	386	144	AV
3	7311.0000	20.45	11.03	31.48	54.00	22.52	158	359	AV
4	7311.0000	28.53	11.03	39.56	74.00	34.44	300	50	PK
5	9748.0000	25.98	13.23	39.21	74.00	34.79	113	167	PK
6	9748.0000	19.06	13.23	32.29	54.00	21.71	131	171	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	45.38	9.70	55.08	74.00	18.92	290	37	PK
2	4874.0000	38.13	9.70	47.83	54.00	6.17	245	182	AV
3	7311.0000	20.37	11.03	31.40	54.00	22.60	126	111	AV
4	7311.0000	28.14	11.03	39.17	74.00	34.83	181	111	PK
5	9748.0000	27.65	13.23	40.88	74.00	33.12	162	207	PK
6	9748.0000	19.00	13.23	32.23	54.00	21.77	258	332	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel		802.11b CH 11			Frequency		2462MHz		
Frequency Range		Above 1G			Detector Function		PK/AV		
Horizontal									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2460.8941	96.59	0.59	97.18			212	161	AV
2	2461.0651	98.52	0.59	99.11			379	161	PK
3	2483.5000	37.29	0.46	37.75	54.00	16.25	245	87	AV
4	2483.5000	45.27	0.46	45.73	74.00	28.27	307	147	PK
5	4926.0000	42.46	10.07	52.53	74.00	21.47	132	107	PK
6	4926.0000	34.18	10.07	44.25	54.00	9.75	293	170	AV
7	7386.0000	20.34	9.80	30.14	54.00	23.86	386	257	AV
8	7386.0000	28.35	9.80	38.15	74.00	35.85	291	6	PK
9	9848.0000	27.02	13.24	40.26	74.00	33.74	280	119	PK
10	9848.0000	18.70	13.24	31.94	54.00	22.06	382	203	AV
Vertical									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2460.9321	108.63	0.59	109.22			314	353	AV
2	2461.0461	110.58	0.59	111.17			318	353	PK
3	2483.5000	44.99	0.46	45.45	54.00	8.55	238	3	AV
4	2483.5000	51.10	0.46	51.56	74.00	22.44	272	1	PK
5	4926.0000	41.33	10.07	51.40	74.00	22.60	222	144	PK
6	4926.0000	33.78	10.07	43.85	54.00	10.15	338	69	AV
7	7386.0000	20.47	9.80	30.27	54.00	23.73	169	237	AV
8	7386.0000	27.95	9.80	37.75	74.00	36.25	274	95	PK
9	9848.0000	27.20	13.24	40.44	74.00	33.56	235	175	PK
10	9848.0000	19.01	13.24	32.25	54.00	21.75	114	91	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBµV/m) = Reading (dBµV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBµV/m] - Level [dBµV/m]</p>									



Channel		802.11g CH 1		Frequency		2412MHz			
Frequency Range		Above 1G		Detector Function		PK/AV			
Horizontal									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	41.90	-0.15	41.75	54.00	12.25	133	127	AV
2	2390.0000	48.62	-0.15	48.47	74.00	25.53	363	159	PK
3	2408.9049	94.30	0.10	94.40			250	127	AV
4	2414.1304	100.74	0.18	100.92			252	127	PK
5	4824.0000	43.23	9.68	52.91	74.00	21.09	369	140	PK
6	4824.0000	35.18	9.68	44.86	54.00	9.14	172	257	AV
7	7236.0000	19.93	12.39	32.32	54.00	21.68	398	324	AV
8	7236.0000	28.00	12.39	40.39	74.00	33.61	317	48	PK
9	9648.0000	27.00	13.13	40.13	74.00	33.87	333	90	PK
10	9648.0000	19.33	13.13	32.46	54.00	21.54	110	349	AV
Vertical									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	58.79	-0.15	58.64	74.00	15.36	275	274	PK
2	2390.0000	50.95	-0.15	50.80	54.00	3.20	261	335	AV
3	2410.5961	111.96	0.13	112.09			107	308	PK
4	2410.6721	105.16	0.13	105.29			179	308	AV
5	4824.0000	44.89	9.68	54.57	74.00	19.43	180	53	PK
6	4824.0000	36.13	9.68	45.81	54.00	8.19	327	199	AV
7	7236.0000	19.67	12.39	32.06	54.00	21.94	149	197	AV
8	7236.0000	28.23	12.39	40.62	74.00	33.38	201	197	PK
9	9648.0000	28.07	13.13	41.20	74.00	32.80	287	327	PK
10	9648.0000	19.60	13.13	32.73	54.00	21.27	303	264	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBµV/m) = Reading (dBµV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBµV/m] - Level [dBµV/m]</p>									



Channel		802.11g CH 6		Frequency		2437MHz			
Frequency Range		Above 1G		Detector Function		PK/AV			
Horizontal									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	43.07	9.70	52.77	74.00	21.23	138	312	PK
2	4874.0000	35.24	9.70	44.94	54.00	9.06	195	349	AV
3	7311.0000	20.29	11.03	31.32	54.00	22.68	263	124	AV
4	7311.0000	27.76	11.03	38.79	74.00	35.21	260	11	PK
5	9748.0000	27.21	13.23	40.44	74.00	33.56	102	307	PK
6	9748.0000	19.19	13.23	32.42	54.00	21.58	186	199	AV
Vertical									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	42.97	9.70	52.67	74.00	21.33	143	162	PK
2	4874.0000	34.66	9.70	44.36	54.00	9.64	358	107	AV
3	7311.0000	20.66	11.03	31.69	54.00	22.31	163	189	AV
4	7311.0000	28.78	11.03	39.81	74.00	34.19	360	40	PK
5	9748.0000	27.91	13.23	41.14	74.00	32.86	336	110	PK
6	9748.0000	19.00	13.23	32.23	54.00	21.77	372	90	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBµV/m) = Reading (dBµV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBµV/m] - Level [dBµV/m]</p>									



Channel		802.11g CH 11			Frequency		2462MHz		
Frequency Range		Above 1G			Detector Function		PK/AV		
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2463.2693	98.51	0.66	99.17			294	129	PK
2	2463.4783	91.92	0.66	92.58			103	129	AV
3	2483.5000	40.28	0.46	40.74	54.00	13.26	126	209	AV
4	2483.5000	49.95	0.46	50.41	74.00	23.59	377	209	PK
5	4926.0000	42.65	10.07	52.72	74.00	21.28	266	256	PK
6	4926.0000	34.17	10.07	44.24	54.00	9.76	284	77	AV
7	7386.0000	20.39	9.80	30.19	54.00	23.81	204	91	AV
8	7386.0000	29.15	9.80	38.95	74.00	35.05	261	274	PK
9	9848.0000	27.69	13.24	40.93	74.00	33.07	270	0	PK
10	9848.0000	18.93	13.24	32.17	54.00	21.83	327	82	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2461.2551	111.01	0.60	111.61			346	338	PK
2	2461.2551	104.24	0.60	104.84			235	338	RMS
3	2483.5000	51.64	0.46	52.10	54.00	1.90	351	38	AV
4	2483.5000	62.97	0.46	63.43	74.00	10.57	183	19	PK
5	4926.0000	42.36	10.07	52.43	74.00	21.57	242	135	PK
6	4926.0000	34.20	10.07	44.27	54.00	9.73	302	47	AV
7	7386.0000	20.01	9.80	29.81	54.00	24.19	166	282	AV
8	7386.0000	28.65	9.80	38.45	74.00	35.55	315	49	PK
9	9848.0000	28.14	13.24	41.38	74.00	32.62	210	278	PK
10	9848.0000	19.33	13.24	32.57	54.00	21.43	301	245	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin.</p> <p>2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB).</p> <p>3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).</p> <p>4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel	802.11n20 CH 1			Frequency	2412MHz				
Frequency Range	Above 1G			Detector Function	PK/AV				
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	39.92	-0.15	39.77	54.00	14.23	271	134	AV
2	2390.0000	49.05	-0.15	48.90	74.00	25.10	125	134	PK
3	2413.0853	97.80	0.17	97.97			318	134	PK
4	2413.0853	91.59	0.17	91.76			244	134	AV
5	4824.0000	34.90	9.68	44.58	54.00	9.42	152	241	AV
6	4824.0000	42.70	9.68	52.38	74.00	21.62	259	291	PK
7	7236.0000	28.61	12.39	41.00	74.00	33.00	140	65	PK
8	7236.0000	19.93	12.39	32.32	54.00	21.68	146	343	AV
9	9648.0000	19.34	13.13	32.47	54.00	21.53	192	248	AV
10	9648.0000	27.66	13.13	40.79	74.00	33.21	341	161	PK
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	56.17	-0.15	56.02	74.00	17.98	250	86	PK
2	2390.0000	47.22	-0.15	47.07	54.00	6.93	294	113	AV
3	2411.0901	102.55	0.14	102.69			206	300	AV
4	2411.2041	108.59	0.14	108.73			237	300	PK
5	4824.0000	43.07	9.68	52.75	74.00	21.25	269	358	PK
6	4824.0000	35.22	9.68	44.90	54.00	9.10	264	102	AV
7	7236.0000	20.57	12.39	32.96	54.00	21.04	108	162	AV
8	7236.0000	28.55	12.39	40.94	74.00	33.06	246	299	PK
9	9648.0000	27.25	13.13	40.38	74.00	33.62	309	354	PK
10	9648.0000	19.91	13.13	33.04	54.00	20.96	242	354	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel		802.11n20 CH 6			Frequency		2437MHz		
Frequency Range		Above 1G			Detector Function		PK/AV		
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	42.94	9.70	52.64	74.00	21.36	268	71	PK
2	4874.0000	34.67	9.70	44.37	54.00	9.63	354	212	AV
3	7311.0000	20.84	11.03	31.87	54.00	22.13	140	36	AV
4	7311.0000	28.62	11.03	39.65	74.00	34.35	117	3	PK
5	9748.0000	26.95	13.23	40.18	74.00	33.82	379	86	PK
6	9748.0000	19.18	13.23	32.41	54.00	21.59	237	161	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	43.41	9.70	53.11	74.00	20.89	191	156	PK
2	4874.0000	34.35	9.70	44.05	54.00	9.95	273	277	AV
3	7311.0000	20.68	11.03	31.71	54.00	22.29	345	200	AV
4	7311.0000	29.01	11.03	40.04	74.00	33.96	296	191	PK
5	9748.0000	27.57	13.23	40.80	74.00	33.20	255	153	PK
6	9748.0000	19.06	13.23	32.29	54.00	21.71	273	141	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBμV/m) = Reading (dBμV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel	802.11n20 CH 11			Frequency	2462MHz				
Frequency Range	Above 1G			Detector Function	PK/AV				
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2460.2480	94.97	0.57	95.54			285	134	PK
2	2462.7943	88.88	0.64	89.52			312	134	AV
3	2483.5000	38.03	0.46	38.49	54.00	15.51	105	233	AV
4	2483.5000	45.88	0.46	46.34	74.00	27.66	252	240	PK
5	4926.0000	42.91	10.07	52.98	74.00	21.02	194	83	PK
6	4926.0000	34.43	10.07	44.50	54.00	9.50	335	237	AV
7	7386.0000	20.60	9.80	30.40	54.00	23.60	260	260	AV
8	7386.0000	28.97	9.80	38.77	74.00	35.23	287	182	PK
9	9848.0000	26.95	13.24	40.19	74.00	33.81	352	1	PK
10	9848.0000	19.32	13.24	32.56	54.00	21.44	215	314	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2460.4570	100.91	0.58	101.49			206	308	AV
2	2461.3881	107.27	0.60	107.87			187	295	PK
3	2483.5000	46.84	0.46	47.30	54.00	6.70	230	92	AV
4	2483.5000	55.12	0.46	55.58	74.00	18.42	400	92	PK
5	4926.0000	41.94	10.07	52.01	74.00	21.99	104	48	PK
6	4926.0000	33.97	10.07	44.04	54.00	9.96	305	23	AV
7	7386.0000	20.58	9.80	30.38	54.00	23.62	324	191	AV
8	7386.0000	29.02	9.80	38.82	74.00	35.18	141	332	PK
9	9848.0000	27.54	13.24	40.78	74.00	33.22	372	215	PK
10	9848.0000	19.50	13.24	32.74	54.00	21.26	203	32	AV
Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]									



Channel	802.11n40 CH 3			Frequency	2422MHz				
Frequency Range	Above 1G			Detector Function	PK/AV				
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	42.10	-0.15	41.95	54.00	12.05	272	133	AV
2	2390.0000	49.63	-0.15	49.48	74.00	24.52	126	199	PK
3	2419.1469	87.44	0.25	87.69			126	133	AV
4	2419.3749	93.83	0.25	94.08			237	133	PK
5	4844.0000	44.13	9.94	54.07	74.00	19.93	319	240	PK
6	4844.0000	34.44	9.94	44.38	54.00	9.62	325	316	AV
7	7266.0000	19.85	11.99	31.84	54.00	22.16	155	314	AV
8	7266.0000	27.93	11.99	39.92	74.00	34.08	102	132	PK
9	9688.0000	27.10	13.15	40.25	74.00	33.75	338	360	PK
10	9688.0000	19.23	13.15	32.38	54.00	21.62	262	65	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2390.0000	49.54	-0.15	49.39	54.00	4.61	241	73	AV
2	2390.0000	60.34	-0.15	60.19	74.00	13.81	399	73	PK
3	2418.7479	105.36	0.24	105.60			350	294	PK
4	2425.7406	98.67	0.32	98.99			193	334	AV
5	4844.0000	43.06	9.94	53.00	74.00	21.00	325	327	PK
6	4844.0000	35.15	9.94	45.09	54.00	8.91	280	148	AV
7	7266.0000	20.46	11.99	32.45	54.00	21.55	156	208	AV
8	7266.0000	27.76	11.99	39.75	74.00	34.25	393	208	PK
9	9688.0000	27.88	13.15	41.03	74.00	32.97	114	357	PK
10	9688.0000	19.79	13.15	32.94	54.00	21.06	373	182	AV
Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]									



Channel		802.11n40 CH 6			Frequency		2437MHz		
Frequency Range		Above 1G			Detector Function		PK/AV		
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4874.0000	42.18	9.70	51.88	74.00	22.12	392	359	PK
2	4874.0000	34.68	9.70	44.38	54.00	9.62	230	359	AV
3	7311.0000	20.52	11.03	31.55	54.00	22.45	175	1	AV
4	7311.0000	28.23	11.03	39.26	74.00	34.74	201	261	PK
5	9748.0000	26.38	13.23	39.61	74.00	34.39	177	124	PK
6	9748.0000	19.15	13.23	32.38	54.00	21.62	129	208	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4874.0000	43.26	9.70	52.96	74.00	21.04	111	198	PK
2	4874.0000	34.76	9.70	44.46	54.00	9.54	180	11	AV
3	7311.0000	20.52	11.03	31.55	54.00	22.45	220	94	AV
4	7311.0000	30.53	11.03	41.56	74.00	32.44	161	185	PK
5	9748.0000	26.94	13.23	40.17	74.00	33.83	232	73	PK
6	9748.0000	19.20	13.23	32.43	54.00	21.57	135	131	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



Channel		802.11n40 CH 9			Frequency		2452MHz		
Frequency Range		Above 1G			Detector Function		PK/AV		
Horizontal									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2449.3599	92.58	0.56	93.14			246	138	PK
2	2450.3670	85.91	0.57	86.48			248	138	AV
3	2483.5000	38.89	0.46	39.35	54.00	14.65	392	219	AV
4	2483.5000	46.31	0.46	46.77	74.00	27.23	213	39	PK
5	4904.0000	43.29	10.10	53.39	74.00	20.61	348	24	PK
6	4904.0000	34.46	10.10	44.56	54.00	9.44	375	166	AV
7	7356.0000	20.16	10.31	30.47	54.00	23.53	309	340	AV
8	7356.0000	29.42	10.31	39.73	74.00	34.27	318	103	PK
9	9808.0000	27.31	13.20	40.51	74.00	33.49	238	52	PK
10	9808.0000	19.58	13.20	32.78	54.00	21.22	258	169	AV
Vertical									
NO	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2446.9847	98.36	0.53	98.89			113	341	AV
2	2453.7684	104.64	0.57	105.21			266	328	PK
3	2483.5000	50.93	0.46	51.39	54.00	2.61	397	27	AV
4	2483.5000	61.09	0.46	61.55	74.00	12.45	180	27	PK
5	4904.0000	42.60	10.10	52.70	74.00	21.30	273	102	PK
6	4904.0000	34.55	10.10	44.65	54.00	9.35	116	3	AV
7	7356.0000	20.84	10.31	31.15	54.00	22.85	131	4	AV
8	7356.0000	28.40	10.31	38.71	74.00	35.29	216	224	PK
9	9808.0000	27.07	13.20	40.27	74.00	33.73	307	44	PK
10	9808.0000	19.58	13.20	32.78	54.00	21.22	142	1	AV
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin.</p> <p>2. Level (dBuV/m) = Reading (dBuV/m) + Factor (dB).</p> <p>3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).</p> <p>4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>									



4 PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (Test Setup Photo).

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Important

- (1) The test report is valid with the official seal of the laboratory and the signatures of Test engineer, Author and Reviewer simultaneously.
- (2) The test report is invalid if altered.
- (3) Any photocopies or part photocopies in the test report are forbidden without the written permission from the laboratory.
- (4) Objections to the test report must be submitted to the laboratory within 15 days.
- (5) Generally, commission test is responsible for the tested samples only.

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