



FCC TEST REPORT

FCC ID:2A8Y6-AG1A0001

Report Number..... : ZKT-221009L7381E-2

Date of Test..... : October 20, 2022 to November 7, 2022

Date of issue..... : November 15, 2022

Total number of pages : 70

Test Result : PASS

Testing Laboratory..... : **Shenzhen ZKT Technology Co., Ltd.**

Address : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name : **Guangdong Virtual Reality Technology Co., Ltd**

Address : 201, 2F, Building 3, Hongtai Zhihui Valley, No. 15, Sicheng Road, Tianhe District, Guangzhou, China

Manufacturer's name : **Guangdong Virtual Reality Technology Co., Ltd**

Address : 201, 2F, Building 3, Hongtai Zhihui Valley, No. 15, Sicheng Road, Tianhe District, Guangzhou, China

Test specification:

Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247
ANSI C63.10:2013

Test procedure..... : /

Non-standard test method : N/A

Test Report Form No. : TRF-EL-110_V0

Test Report Form(s) Originator : ZKT Testing

Master TRF : Dated: 2020-07-08

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Product name..... : **Rhino X Pro**

Trademark : Ximmerse

Model/Type reference : AG1A0001

Ratings..... : DC 3.8V bybattery, DC 5V USB charging



Testing procedure and testing location:

Testing Laboratory..... : **Shenzhen ZKT Technology Co., Ltd.**

Address..... : 1/F, No. 101, Building B, No. 6, Tangwei Community
Industrial Avenue, Fuhai Street, Bao'an District,
Shenzhen, China

Tested by (name + signature)..... : **Jim Liu**

Jim Liu

Reviewer (name + signature)..... : **Jackson Fang**

Jackson Fang

Approved (name + signature)..... : **Lake Xie**





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1. VERSION

ReportNo.	Version	Description	Approved
ZKT-221009L7381E-2	Rev.01	Initial issue of report	November 15, 2022



2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

	FCC Part15 (15.247) , Subpart C			
	Standard Section	Test Item	Result	Remark
	FCC part 15.203/15.247 (c)	Antenna requirement	PASS	
	FCC part 15.207	AC Power Line Conducted Emission	PASS	
	FCC part 15.247 (b)(3)	Conducted Peak Output Power	PASS	
	FCC part 15.247 (a)(2)	Channel Bandwidth& 99% OCB	PASS	
	FCC part 15.247 (e)	Power Spectral Density	PASS	
	FCC part 15.247(d)	Band Edge	PASS	
	FCC part 15.205/15.209	Spurious Emission	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report



2.1 TEST FACILITY

Shenzhen ZKT Technology Co., Ltd.

Add. : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

FCC Test Firm Registration Number: 692225

Designation Number: CN1299

IC Registered No.: 27033

CAB identifier: CN0110

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$ · where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$ · providing a level of confidence of approximately 95 % .

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9KHz-30MHz)	U=4.5dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.8dB
3	3m chamber Radiated spurious emission(1GHz-6GHz)	U=4.9dB
4	3m chamber Radiated spurious emission(6GHz-40GHz)	U=5.0dB
5	Conducted disturbance	U=3.2dB
6	RF Band Edge	U=1.68dB
7	RF power conducted	U=1.86dB
8	RF conducted Spurious Emission	U=2.2dB
9	RF Occupied Bandwidth	U=1.8dB
10	RF Power Spectral Density	U=1.75dB
11	humidity uncertainty	U=5.3%
12	Temperature uncertainty	U=0.59°C



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Product Name:	Rhino X Pro
Model No.:	AG1A0001
Model Different.:	--
Serial No.:	ZKT-221009L7381E
Hardware Version:	V1.0
Software Version:	V1.0
Sample(s) Status:	Engineer sample
Channel numbers:	802.11b/802.11g /802.11n(HT20):11 802.11n(HT40):7
Channel separation:	5MHz
Modulation technology:	802.11b: Direct Sequence Spread Spectrum(DSSS) 802.11g/802.11n(H20)/802.11n(HT40): Orthogonal Frequency Division Multiplexing(OFDM)
Antenna Type:	ANT. 0: FPCBAntenna, ANT. 1: FPCBAntenna
Antenna gain:	ANT. 0: 3.87dBi, ANT. 1: 2.57dBi
Power supply:	DC 3.8V by battery, DC 5V USB charging
Sample Number:	ZKT-221009L7381E



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	Frequency (MHz)	
	802.11b/802.11g/802.11n(HT20)	802.11n(HT40)
Lowest channel	2412MHz	2422MHz
Middle channel	2437MHz	2437MHz
Highest channel	2462MHz	2452MHz

3.2 DESCRIPTION OF TEST MODES

Transmitting mode	Keep the EUT in continuously transmitting mode
Remark: During the test, the duty cycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:				
Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.				
Mode	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)
Data rate	1Mbps	6Mbps	6.5Mbps	13Mbps

Test Software	QRCT
Powerlevelsetup	<15dBm

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Emission



Radiated Emission





EUT

3.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Rhino X Pro	Ximmerse	AG1A0001	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

3.5EQUIPMENTS LIST FOR ALL TEST ITEMS



Radiation Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	SpectrumAnalyzer (9kHz-26.5GHz)	KEYSIGHT	9020A	MY55370835	Oct. 18, 2022	Oct. 17, 2023
2	Spectrum Analyzer (1GHz-40GHz)	R&S	FSQ	100363	Oct. 17, 2022	Oct. 16, 2023
3	EMI Test Receiver (9kHz-7GHz)	R&S	ESCI7	101169	Oct. 18, 2022	Oct. 17, 2023
4	Bilog Antenna (30MHz-1500MHz)	Schwarzbeck	VULB9168	N/A	Oct. 17, 2022	Oct. 16, 2023
5	Horn Antenna (1GHz-18GHz)	Agilent	AH-118	071145	Oct. 17, 2022	Oct. 16, 2023
6	Loop Antenna	TESEQ	HLA6121	58357	Oct. 17, 2022	Oct. 16, 2023
7	Amplifier (30-1000MHz)	EM Electronics	EM330 Amplifier	060747	Oct. 18, 2022	Oct. 17, 2023
8	Amplifier (1GHz-26.5GHz)	Agilent	8449B	3008A00315	Oct. 18, 2022	Oct. 17, 2023
9	RF cables1 (9kHz-30MHz)	N/A	9kHz-30MHz	N/A	Oct. 18, 2022	Oct. 17, 2023
10	RF cables2 (30MHz-1GHz)	N/A	30MHz-1GHz	N/A	Oct. 18, 2022	Oct. 17, 2023
11	RF cables3 (1GHz-40GHz)	N/A	1GHz-40GHz	N/A	Oct. 18, 2022	Oct. 17, 2023
12	ESGSignal Generator	Agilent	E4421B	N/A	Oct. 22, 2022	Oct. 21, 2023
13	Signal Generator	Agilent	N5182A	N/A	Oct. 22, 2022	Oct. 21, 2023
14	Magnetic Field Probe Tester	Narda	ELT-400	0-0344	Oct. 17, 2022	Oct. 16, 2023
15	RF Power Meter Test system	N/A	MW100-RPCB	N/A	Oct. 22, 2022	Oct. 21, 2023
16	D.C. Power Supply	LongWei	TPR-6405D	N/A	\	\
17	EMC Software	Frad	EZ-EMC	Ver.EMC-CON 3A1.1	\	\
18	RF Software	MW	MTS8310	V2.0.0.0	\	\
19	Turntable	MF	MF-7802BS	N/A	\	\
20	Antenna tower	MF	MF-7802BS	N/A	\	\



Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	LISN	R&S	ENV216	101471	Oct. 22, 2022	Oct. 21, 2023
2	LISN	CYBERTEK	EM5040A	E1850400149	Oct. 22, 2022	Oct. 21, 2023
3	Test Cable	N/A	C01	N/A	Oct. 18, 2022	Oct. 17, 2023
4	Test Cable	N/A	C02	N/A	Oct. 18, 2022	Oct. 17, 2023
5	EMI Test Receiver	R&S	ESCI3	101393	Oct. 17, 2022	Oct. 16, 2023
6	EMC Software	Frad	EZ-EMC	Ver.EMC-CO N 3A1.1	\	\



4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10:2013
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

4.1.1 POWER LINE CONDUCTED EMISSION Limits

FREQUENCY (MHz)	Limit (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

(1) *Decreases with the logarithm of the frequency.

4.1.2 TEST PROCEDURE

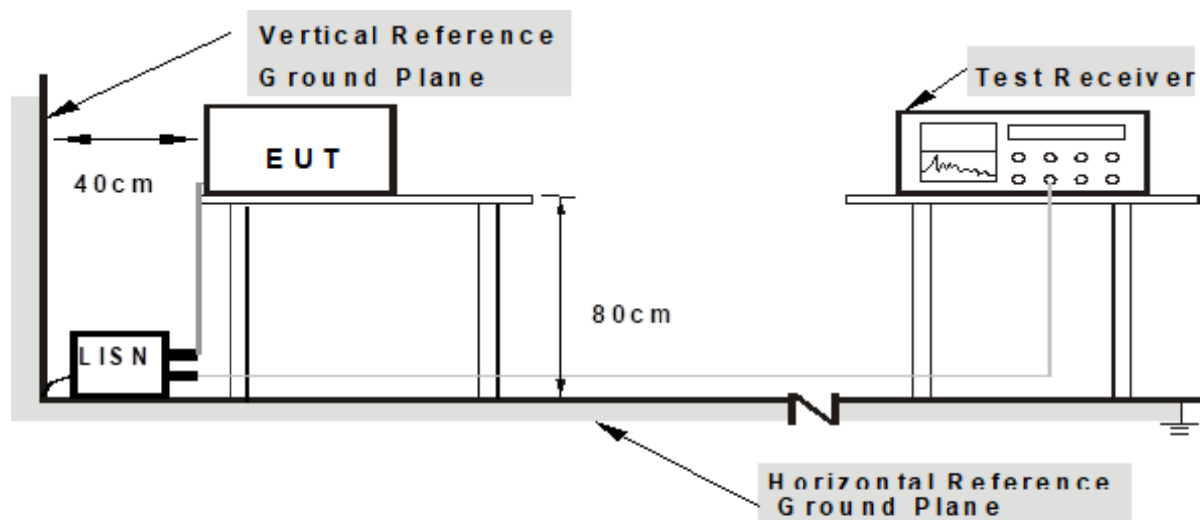
- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation



4.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

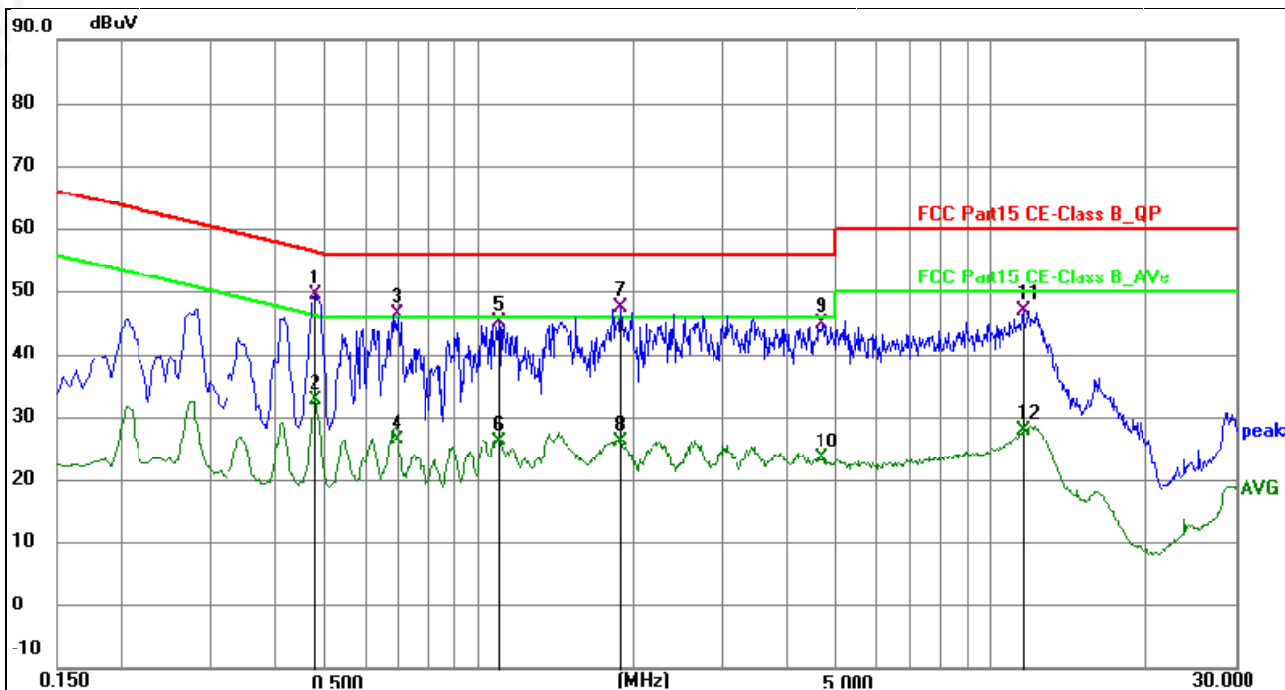
The test mode is the Wi-Fi operating mode in the charging state, and the worst data of 802.11b_2412MHz was reported.

We pretest AC 120V and AC 230V, the worst voltage was AC 120V and the data recording in the report.



4.1.6 TEST RESULT

Temperature :	26℃	Relative Humidity:	54%
Pressure :	101kPa	Phase :	L
Test Voltage :	AC 120V/60Hz		



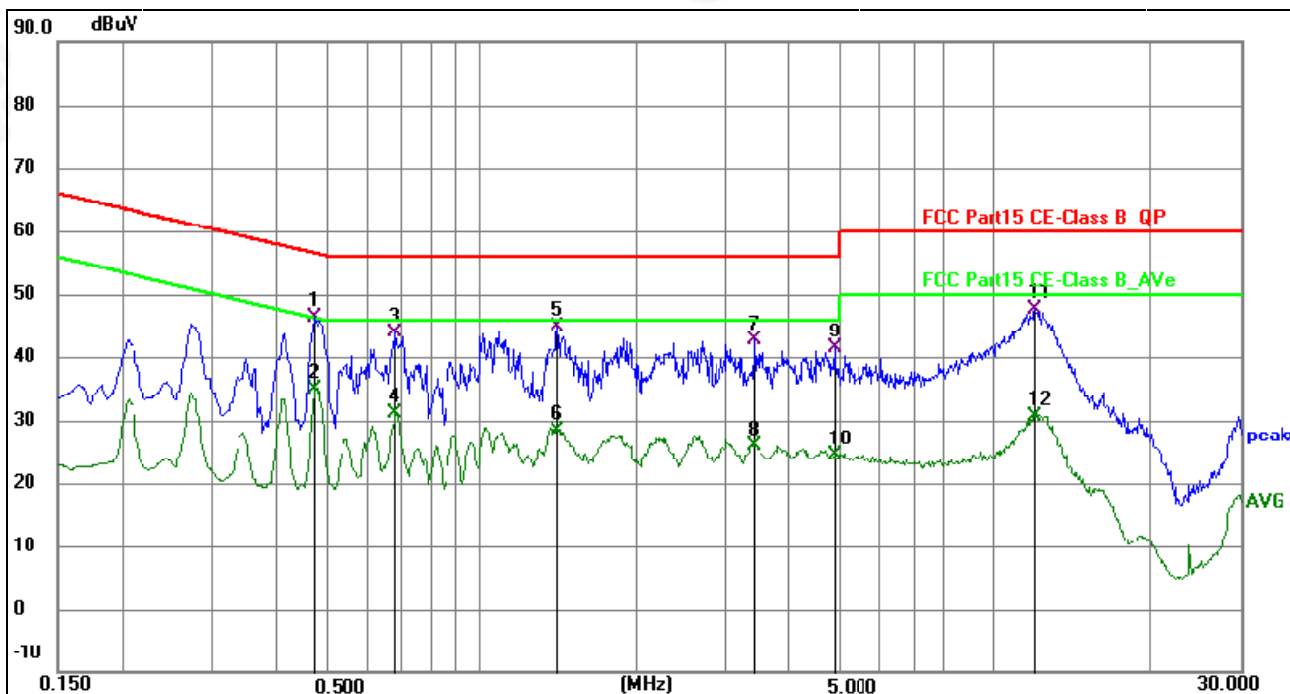
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.4785	39.45	10.02	49.47	56.37	-6.90	QP	P	
2	0.4785	22.55	10.02	32.57	46.37	-13.80	AVG	P	
3	0.6945	36.33	9.94	46.27	56.00	-9.73	QP	P	
4	0.6945	16.55	9.94	26.49	46.00	-19.51	AVG	P	
5	1.0995	34.97	10.05	45.02	56.00	-10.98	QP	P	
6	1.0995	16.02	10.05	26.07	46.00	-19.93	AVG	P	
7	1.8915	37.28	10.08	47.36	56.00	-8.64	QP	P	
8	1.8915	16.02	10.08	26.10	46.00	-19.90	AVG	P	
9	4.6770	34.81	10.12	44.93	56.00	-11.07	QP	P	
10	4.6770	13.21	10.12	23.33	46.00	-22.67	AVG	P	
11	11.6205	36.74	10.15	46.89	60.00	-13.11	QP	P	
12	11.6205	17.65	10.15	27.80	50.00	-22.20	AVG	P	

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor



Temperature :	26°C	Relative Humidity:	54%
Pressure :	101kPa	Phase :	N
Test Voltage :	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.4740	36.47	10.03	46.50	56.44	-9.94	QP	P	
2	0.4740	24.82	10.03	34.85	46.44	-11.59	AVG	P	
3	0.6809	33.89	9.96	43.85	56.00	-12.15	QP	P	
4	0.6809	21.29	9.96	31.25	46.00	-14.75	AVG	P	
5	1.4100	34.82	10.07	44.89	56.00	-11.11	QP	P	
6	1.4100	18.41	10.07	28.48	46.00	-17.52	AVG	P	
7	3.4170	32.62	10.09	42.71	56.00	-13.29	QP	P	
8	3.4170	15.91	10.09	26.00	46.00	-20.00	AVG	P	
9	4.8570	31.15	10.13	41.28	56.00	-14.72	QP	P	
10	4.8570	14.32	10.13	24.45	46.00	-21.55	AVG	P	
11	11.9895	37.42	10.17	47.59	60.00	-12.41	QP	P	
12	11.9895	20.37	10.17	30.54	50.00	-19.46	AVG	P	

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor



4.2 RADIATED EMISSION MEASUREMENT

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average

4.2.1 RADIATED EMISSION LIMITS

Frequencies (MHz)	Field Strength (micorvolts/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

LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

4.2.2 TEST PROCEDURE

Below 1GHz test procedure as below:

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of variable-height antenna tower.



- c. The antenna 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.
- d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

- g. Different from above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change from table 0.8 meter to 1.5 meter (Above 18GHz the distance is 1 meter and table is 1.5 meter).
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel

Note:

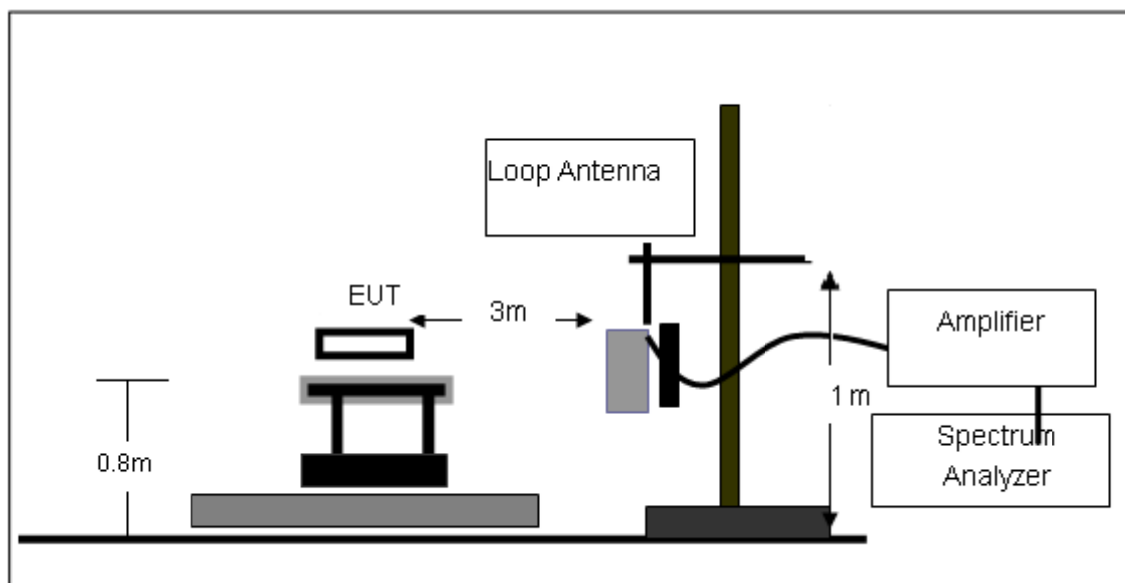
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

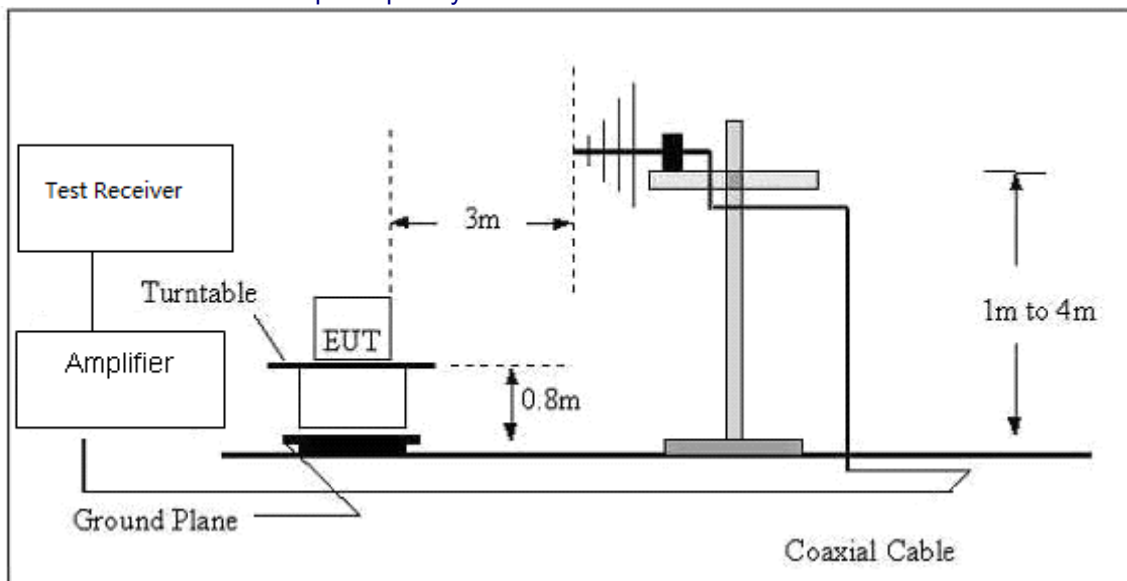
4.2.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz

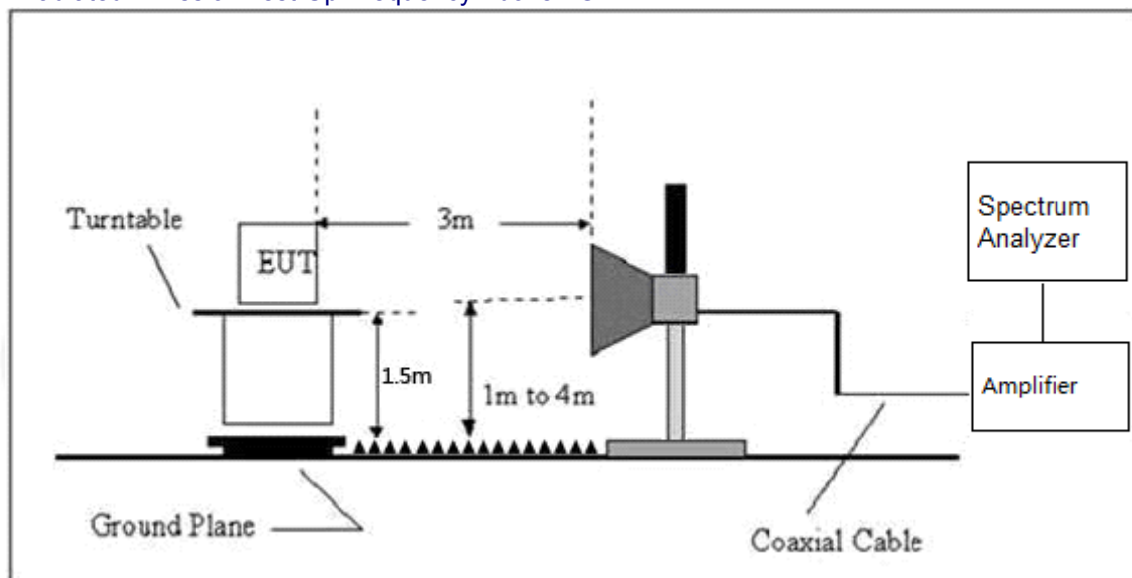




(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 TEST RESULTS

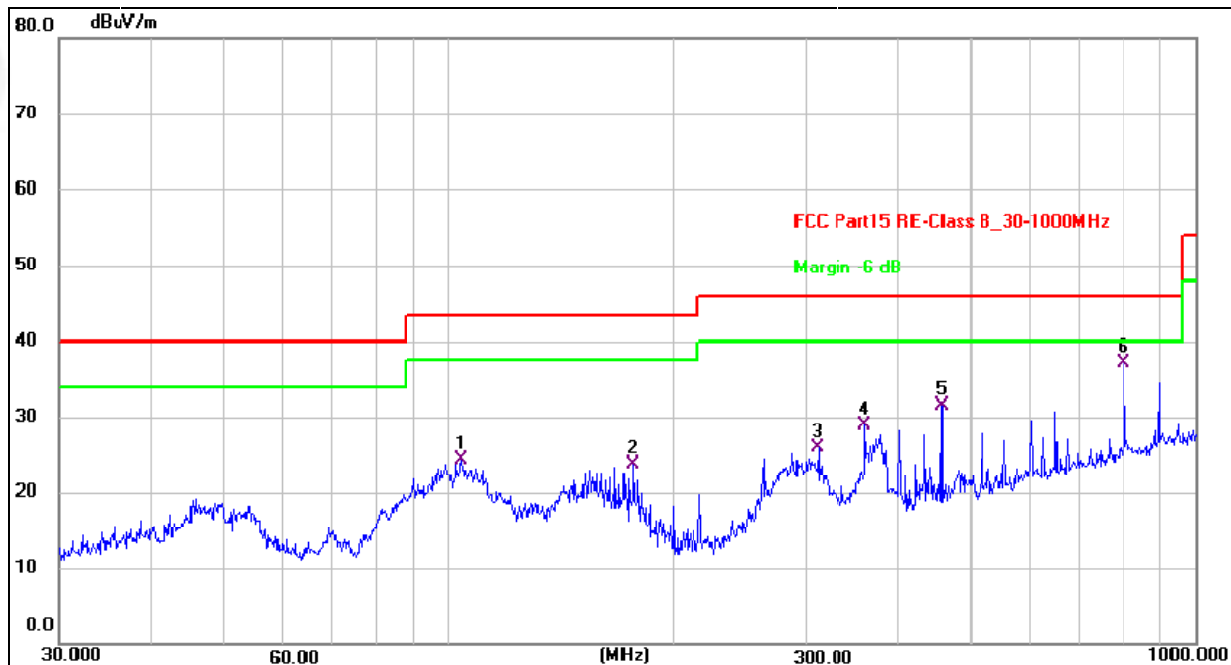
Between 9KHz – 30MHz

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.



Between 30MHz – 1GHz

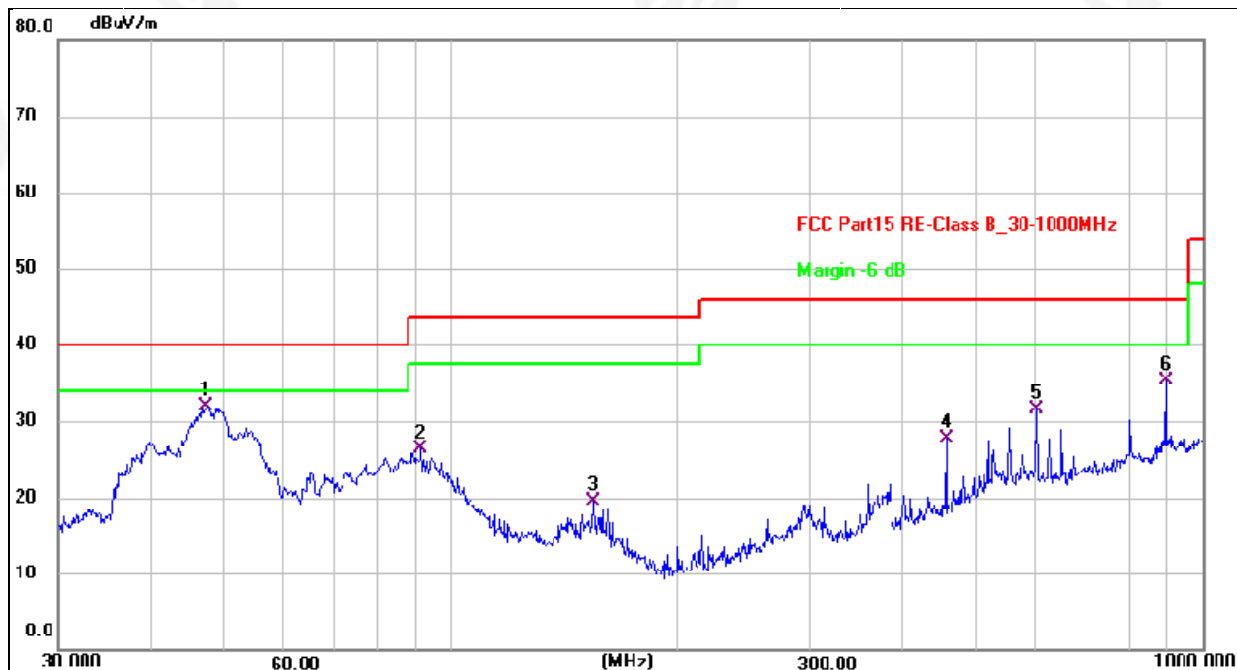
Temperature:	26°C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	DC 3.8V	Test Mode	Working



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	103.8054	36.72	-12.49	24.23	43.50	-19.27	QP	100	278	P	
2	176.2685	34.13	-10.47	23.66	43.50	-19.84	QP	100	266	P	
3	312.1792	34.15	-8.34	25.81	46.00	-20.19	QP	100	237	P	
4	360.4476	36.27	-7.43	28.84	46.00	-17.16	QP	100	154	P	
5	455.9057	36.44	-4.96	31.48	46.00	-14.52	QP	100	163	P	
6 *	801.7862	34.78	2.30	37.08	46.00	-8.92	QP	100	0	P	



Temperature:	26℃	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.8V	Test Mode	Working



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	47.3253	41.11	-9.22	31.89	40.00	-8.11	QP	100	2	P	
2	91.1744	39.76	-13.48	26.28	43.50	-17.22	QP	100	163	P	
3	154.2785	28.48	-9.03	19.45	43.50	-24.05	QP	100	25	P	
4	455.9057	32.68	-4.96	27.72	46.00	-18.28	QP	100	46	P	
5	601.4265	32.54	-1.12	31.42	46.00	-14.58	QP	100	264	P	
6	893.8565	31.59	3.67	35.26	46.00	-10.74	QP	100	284	P	

Remarks:

- 1.Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3.The test data shows only the worst case 802.11b_2412MHz ANT. 0 and ANT. 1 andAC 120Vmode



1GHz~25GHz

802.11b

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Low Channel:2412MHz									
V	4824.00	53.87	30.55	5.77	24.66	53.75	74.00	-20.25	PK
V	4824.00	42.96	30.55	5.77	24.66	42.84	54.00	-11.16	AV
V	7236.00	52.73	30.33	6.32	24.55	53.27	74.00	-20.73	PK
V	7236.00	41.63	30.33	6.32	24.55	42.17	54.00	-11.83	AV
V	9648.00	52.33	30.85	7.45	24.69	53.62	74.00	-20.38	PK
V	9648.00	42.47	30.85	7.45	24.69	43.76	54.00	-10.24	AV
V	12060.00	50.18	31.02	8.99	25.57	53.72	74.00	-20.28	PK
V	12060.00	39.2	31.02	8.99	25.57	42.74	54.00	-11.26	AV
H	4824.00	53.57	30.55	5.77	24.66	53.45	74.00	-20.55	PK
H	4824.00	42.56	30.55	5.77	24.66	42.44	54.00	-11.56	AV
H	7236.00	53.08	30.33	6.32	24.55	53.62	74.00	-20.38	PK
H	7236.00	42.59	30.33	6.32	24.55	43.13	54.00	-10.87	AV
H	9648.00	51.38	30.85	7.45	24.69	52.67	74.00	-21.33	PK
H	9648.00	41.05	30.85	7.45	24.69	42.34	54.00	-11.66	AV
H	12060.00	48.81	31.02	8.99	25.57	52.35	74.00	-21.65	PK
H	12060.00	39.61	31.02	8.99	25.57	43.15	54.00	-10.85	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Middle Channel:2437MHz									
V	4874.00	53.37	30.55	5.77	24.66	53.25	74.00	-20.75	PK
V	4874.00	43.38	30.55	5.77	24.66	43.26	54.00	-10.74	AV
V	7311.00	52.2	30.33	6.32	24.55	52.74	74.00	-21.26	PK
V	7311.00	43.8	30.33	6.32	24.55	44.34	54.00	-9.66	AV
V	9748.00	54.37	30.85	7.45	24.69	55.66	74.00	-18.34	PK
V	9748.00	42.97	30.85	7.45	24.69	44.26	54.00	-9.74	AV
V	12185.00	50.08	31.02	8.99	25.57	53.62	74.00	-20.38	PK
V	12185.00	39.15	31.02	8.99	25.57	42.69	54.00	-11.31	AV
H	4874.00	53.95	30.55	5.77	24.66	53.83	74.00	-20.17	PK
H	4874.00	42.76	30.55	5.77	24.66	42.64	54.00	-11.36	AV
H	7311.00	53.34	30.33	6.32	24.55	53.88	74.00	-20.12	PK
H	7311.00	43.18	30.33	6.32	24.55	43.72	54.00	-10.28	AV
H	9748.00	52.36	30.85	7.45	24.69	53.65	74.00	-20.35	PK
H	9748.00	41.98	30.85	7.45	24.69	43.27	54.00	-10.73	AV
H	12185.00	51.08	31.02	8.99	25.57	54.62	74.00	-19.38	PK
H	12185.00	39.73	31.02	8.99	25.57	43.27	54.00	-10.73	AV



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Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:2462MHz									
V	4924.00	54.89	30.55	5.77	24.66	54.77	74.00	-19.23	PK
V	4924.00	42.88	30.55	5.77	24.66	42.76	54.00	-11.24	AV
V	7386.00	54.18	30.33	6.32	24.55	54.72	74.00	-19.28	PK
V	7386.00	42.28	30.33	6.32	24.55	42.82	54.00	-11.18	AV
V	9848.00	51.99	30.85	7.45	24.69	53.28	74.00	-20.72	PK
V	9848.00	42.09	30.85	7.45	24.69	43.38	54.00	-10.62	AV
V	12310.00	50.84	31.02	8.99	25.57	54.38	74.00	-19.62	PK
V	12310.00	41.03	31.02	8.99	25.57	44.57	54.00	-9.43	AV
H	4924.00	54.39	30.55	5.77	24.66	54.27	74.00	-19.73	PK
H	4924.00	44.88	30.55	5.77	24.66	44.76	54.00	-9.24	AV
H	7386.00	53.1	30.33	6.32	24.55	53.64	74.00	-20.36	PK
H	7386.00	41.92	30.33	6.32	24.55	42.46	54.00	-11.54	AV
H	9848.00	53.08	30.85	7.45	24.69	54.37	74.00	-19.63	PK
H	9848.00	41.07	30.85	7.45	24.69	42.36	54.00	-11.64	AV
H	12310.00	50.92	31.02	8.99	25.57	54.46	74.00	-19.54	PK
H	12310.00	39.92	31.02	8.99	25.57	43.46	54.00	-10.54	AV



802.11g

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:2412MHz									
V	4824.00	53.59	30.55	5.77	24.66	53.47	74.00	-20.53	PK
V	4824.00	42.59	30.55	5.77	24.66	42.47	54.00	-11.53	AV
V	7236.00	53.84	30.33	6.32	24.55	54.38	74.00	-19.62	PK
V	7236.00	42.8	30.33	6.32	24.55	43.34	54.00	-10.66	AV
V	9648.00	51.98	30.85	7.45	24.69	53.27	74.00	-20.73	PK
V	9648.00	42.18	30.85	7.45	24.69	43.47	54.00	-10.53	AV
V	12060.00	50.22	31.02	8.99	25.57	53.76	74.00	-20.24	PK
V	12060.00	40.18	31.02	8.99	25.57	43.72	54.00	-10.28	AV
H	4824.00	53.68	30.55	5.77	24.66	53.56	74.00	-20.44	PK
H	4824.00	42.76	30.55	5.77	24.66	42.64	54.00	-11.36	AV
H	7236.00	53.12	30.33	6.32	24.55	53.66	74.00	-20.34	PK
H	7236.00	42.3	30.33	6.32	24.55	42.84	54.00	-11.16	AV
H	9648.00	51.96	30.85	7.45	24.69	53.25	74.00	-20.75	PK
H	9648.00	41.36	30.85	7.45	24.69	42.65	54.00	-11.35	AV
H	12060.00	49.2	31.02	8.99	25.57	52.74	74.00	-21.26	PK
H	12060.00	40.1	31.02	8.99	25.57	43.64	54.00	-10.36	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:2437MHz									
V	4874.00	55.49	30.55	5.77	24.66	55.37	74.00	-18.63	PK
V	4874.00	43.9	30.55	5.77	24.66	43.78	54.00	-10.22	AV
V	7311.00	54.21	30.33	6.32	24.55	54.75	74.00	-19.25	PK
V	7311.00	42.38	30.33	6.32	24.55	42.92	54.00	-11.08	AV
V	9748.00	52.43	30.85	7.45	24.69	53.72	74.00	-20.28	PK
V	9748.00	41.38	30.85	7.45	24.69	42.67	54.00	-11.33	AV
V	12185.00	49.72	31.02	8.99	25.57	53.26	74.00	-20.74	PK
V	12185.00	39.31	31.02	8.99	25.57	42.85	54.00	-11.15	AV
H	4874.00	54.01	30.55	5.77	24.66	53.89	74.00	-20.11	PK
H	4874.00	43.83	30.55	5.77	24.66	43.71	54.00	-10.29	AV
H	7311.00	53.21	30.33	6.32	24.55	53.75	74.00	-20.25	PK
H	7311.00	42.31	30.33	6.32	24.55	42.85	54.00	-11.15	AV
H	9748.00	52.18	30.85	7.45	24.69	53.47	74.00	-20.53	PK
H	9748.00	42.46	30.85	7.45	24.69	43.75	54.00	-10.25	AV
H	12185.00	50.04	31.02	8.99	25.57	53.58	74.00	-20.42	PK
H	12185.00	39.29	31.02	8.99	25.57	42.83	54.00	-11.17	AV



Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:2462MHz									
V	4924.00	53.39	30.55	5.77	24.66	53.27	74.00	-20.73	PK
V	4924.00	43.4	30.55	5.77	24.66	43.28	54.00	-10.72	AV
V	7386.00	55.29	30.33	6.32	24.55	55.83	74.00	-18.17	PK
V	7386.00	41.84	30.33	6.32	24.55	42.38	54.00	-11.62	AV
V	9848.00	53.09	30.85	7.45	24.69	54.38	74.00	-19.62	PK
V	9848.00	42.05	30.85	7.45	24.69	43.34	54.00	-10.66	AV
V	12310.00	50.08	31.02	8.99	25.57	53.62	74.00	-20.38	PK
V	12310.00	38.82	31.02	8.99	25.57	42.36	54.00	-11.64	AV
H	4924.00	53.31	30.55	5.77	24.66	53.19	74.00	-20.81	PK
H	4924.00	42.59	30.55	5.77	24.66	42.47	54.00	-11.53	AV
H	7386.00	53.83	30.33	6.32	24.55	54.37	74.00	-19.63	PK
H	7386.00	41.82	30.33	6.32	24.55	42.36	54.00	-11.64	AV
H	9848.00	52.17	30.85	7.45	24.69	53.46	74.00	-20.54	PK
H	9848.00	42.53	30.85	7.45	24.69	43.82	54.00	-10.18	AV
H	12310.00	50.73	31.02	8.99	25.57	54.27	74.00	-19.73	PK
H	12310.00	39.74	31.02	8.99	25.57	43.28	54.00	-10.72	AV



802.11n20

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:2412MHz									
V	4824.00	55.41	30.55	5.77	24.66	55.29	74.00	-18.71	PK
V	4824.00	42.96	30.55	5.77	24.66	42.84	54.00	-11.16	AV
V	7236.00	53.19	30.33	6.32	24.55	53.73	74.00	-20.27	PK
V	7236.00	43.3	30.33	6.32	24.55	43.84	54.00	-10.16	AV
V	9648.00	51.18	30.85	7.45	24.69	52.47	74.00	-21.53	PK
V	9648.00	42.18	30.85	7.45	24.69	43.47	54.00	-10.53	AV
V	12060.00	51.22	31.02	8.99	25.57	54.76	74.00	-19.24	PK
V	12060.00	39.73	31.02	8.99	25.57	43.27	54.00	-10.73	AV
H	4824.00	53.84	30.55	5.77	24.66	53.72	74.00	-20.28	PK
H	4824.00	43.39	30.55	5.77	24.66	43.27	54.00	-10.73	AV
H	7236.00	53.69	30.33	6.32	24.55	54.23	74.00	-19.77	PK
H	7236.00	43.09	30.33	6.32	24.55	43.63	54.00	-10.37	AV
H	9648.00	53.08	30.85	7.45	24.69	54.37	74.00	-19.63	PK
H	9648.00	43.38	30.85	7.45	24.69	44.67	54.00	-9.33	AV
H	12060.00	50.33	31.02	8.99	25.57	53.87	74.00	-20.13	PK
H	12060.00	39.24	31.02	8.99	25.57	42.78	54.00	-11.22	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:2437MHz									
V	4874.00	54.94	30.55	5.77	24.66	54.82	74.00	-19.18	PK
V	4874.00	42.77	30.55	5.77	24.66	42.65	54.00	-11.35	AV
V	7311.00	52.31	30.33	6.32	24.55	52.85	74.00	-21.15	PK
V	7311.00	41.35	30.33	6.32	24.55	41.89	54.00	-12.11	AV
V	9748.00	52.19	30.85	7.45	24.69	53.48	74.00	-20.52	PK
V	9748.00	41.09	30.85	7.45	24.69	42.38	54.00	-11.62	AV
V	12185.00	50.83	31.02	8.99	25.57	54.37	74.00	-19.63	PK
V	12185.00	39.73	31.02	8.99	25.57	43.27	54.00	-10.73	AV
H	4874.00	53.5	30.55	5.77	24.66	53.38	74.00	-20.62	PK
H	4874.00	43.41	30.55	5.77	24.66	43.29	54.00	-10.71	AV
H	7311.00	52.74	30.33	6.32	24.55	53.28	74.00	-20.72	PK
H	7311.00	41.84	30.33	6.32	24.55	42.38	54.00	-11.62	AV
H	9748.00	52.98	30.85	7.45	24.69	54.27	74.00	-19.73	PK
H	9748.00	42.64	30.85	7.45	24.69	43.93	54.00	-10.07	AV
H	12185.00	50.73	31.02	8.99	25.57	54.27	74.00	-19.73	PK
H	12185.00	39.93	31.02	8.99	25.57	43.47	54.00	-10.53	AV



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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:2462MHz									
V	4924.00	54.39	30.55	5.77	24.66	54.27	74.00	-19.73	PK
V	4924.00	44.99	30.55	5.77	24.66	44.87	54.00	-9.13	AV
V	7386.00	52.69	30.33	6.32	24.55	53.23	74.00	-20.77	PK
V	7386.00	42.75	30.33	6.32	24.55	43.29	54.00	-10.71	AV
V	9848.00	51.97	30.85	7.45	24.69	53.26	74.00	-20.74	PK
V	9848.00	43	30.85	7.45	24.69	44.29	54.00	-9.71	AV
V	12310.00	50.8	31.02	8.99	25.57	54.34	74.00	-19.66	PK
V	12310.00	41.18	31.02	8.99	25.57	44.72	54.00	-9.28	AV
H	4924.00	54.4	30.55	5.77	24.66	54.28	74.00	-19.72	PK
H	4924.00	43.79	30.55	5.77	24.66	43.67	54.00	-10.33	AV
H	7386.00	52.72	30.33	6.32	24.55	53.26	74.00	-20.74	PK
H	7386.00	42.93	30.33	6.32	24.55	43.47	54.00	-10.53	AV
H	9848.00	52.83	30.85	7.45	24.69	54.12	74.00	-19.88	PK
H	9848.00	40.74	30.85	7.45	24.69	42.03	54.00	-11.97	AV
H	12310.00	48.59	31.02	8.99	25.57	52.13	74.00	-21.87	PK
H	12310.00	39.29	31.02	8.99	25.57	42.83	54.00	-11.17	AV



802.11n40

Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:2422MHz									
V	4844.00	52.51	30.55	5.77	24.66	52.39	74.00	-21.61	PK
V	4844.00	41.32	30.55	5.77	24.66	41.20	54.00	-12.80	AV
V	7266.00	54.74	30.33	6.32	24.55	55.28	74.00	-18.72	PK
V	7266.00	40.75	30.33	6.32	24.55	41.29	54.00	-12.71	AV
V	9688.00	53.09	30.85	7.45	24.69	54.38	74.00	-19.62	PK
V	9688.00	41.1	30.85	7.45	24.69	42.39	54.00	-11.61	AV
V	12110.00	50.84	31.02	8.99	25.57	54.38	74.00	-19.62	PK
V	12110.00	40.44	31.02	8.99	25.57	43.98	54.00	-10.02	AV
H	4844.00	53.65	30.55	5.77	24.66	53.53	74.00	-20.47	PK
H	4844.00	43.95	30.55	5.77	24.66	43.83	54.00	-10.17	AV
H	7266.00	54.35	30.33	6.32	24.55	54.89	74.00	-19.11	PK
H	7266.00	42.47	30.33	6.32	24.55	43.01	54.00	-10.99	AV
H	9688.00	53.24	30.85	7.45	24.69	54.53	74.00	-19.47	PK
H	9688.00	42.08	30.85	7.45	24.69	43.37	54.00	-10.63	AV
H	12110.00	49.74	31.02	8.99	25.57	53.28	74.00	-20.72	PK
H	12110.00	39.65	31.02	8.99	25.57	43.19	54.00	-10.81	AV

Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:2437MHz									
V	4874.00	54.5	30.55	5.77	24.66	54.38	74.00	-19.62	PK
V	4874.00	43.51	30.55	5.77	24.66	43.39	54.00	-10.61	AV
V	7311.00	53.74	30.33	6.32	24.55	54.28	74.00	-19.72	PK
V	7311.00	43.28	30.33	6.32	24.55	43.82	54.00	-10.18	AV
V	9748.00	52.99	30.85	7.45	24.69	54.28	74.00	-19.72	PK
V	9748.00	42.44	30.85	7.45	24.69	43.73	54.00	-10.27	AV
V	12185.00	47.72	31.02	8.99	25.57	51.26	74.00	-22.74	PK
V	12185.00	36.69	31.02	8.99	25.57	40.23	54.00	-13.77	AV
H	4874.00	53.48	30.55	5.77	24.66	53.36	74.00	-20.64	PK
H	4874.00	41.39	30.55	5.77	24.66	41.27	54.00	-12.73	AV
H	7311.00	53.19	30.33	6.32	24.55	53.73	74.00	-20.27	PK
H	7311.00	42.74	30.33	6.32	24.55	43.28	54.00	-10.72	AV
H	9748.00	51.9	30.85	7.45	24.69	53.19	74.00	-20.81	PK
H	9748.00	41.07	30.85	7.45	24.69	42.36	54.00	-11.64	AV
H	12185.00	50.71	31.02	8.99	25.57	54.25	74.00	-19.75	PK
H	12185.00	39.9	31.02	8.99	25.57	43.44	54.00	-10.56	AV



Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amp lifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:2452MHz									
V	4904.00	54.51	30.55	5.77	24.66	54.39	74.00	-19.61	PK
V	4904.00	43.44	30.55	5.77	24.66	43.32	54.00	-10.68	AV
V	7356.00	50.93	30.33	6.32	24.55	51.47	74.00	-22.53	PK
V	7356.00	41.92	30.33	6.32	24.55	42.46	54.00	-11.54	AV
V	9808.00	52.18	30.85	7.45	24.69	53.47	74.00	-20.53	PK
V	9808.00	42.62	30.85	7.45	24.69	43.91	54.00	-10.09	AV
V	12260.00	49.54	31.02	8.99	25.57	53.08	74.00	-20.92	PK
V	12260.00	39.65	31.02	8.99	25.57	43.19	54.00	-10.81	AV
H	4904.00	54.52	30.55	5.77	24.66	54.40	74.00	-19.60	PK
H	4904.00	43.23	30.55	5.77	24.66	43.11	54.00	-10.89	AV
H	7356.00	53.51	30.33	6.32	24.55	54.05	74.00	-19.95	PK
H	7356.00	42.69	30.33	6.32	24.55	43.23	54.00	-10.77	AV
H	9808.00	53.43	30.85	7.45	24.69	54.72	74.00	-19.28	PK
H	9808.00	42.2	30.85	7.45	24.69	43.49	54.00	-10.51	AV
H	12260.00	50.3	31.02	8.99	25.57	53.84	74.00	-20.16	PK
H	12260.00	39.71	31.02	8.99	25.57	43.25	54.00	-10.75	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,

Margin= Emission Level - Limit

2. If peak below the average limit, the average emission was no test.

3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

4. The test data shows ANT. 0and ANT. 1Simultaneous emission mode



5. RADIATED BAND EMISSION MEASUREMENT

5.1 TEST REQUIREMENT:

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	All of the restrict bands were tested, only the worst band's (2310MHz to 2500MHz) data was showed.				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	Above	Peak	1MHz	3MHz	Peak
	1GHz	Average	1MHz	3MHz	Average

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m).

5.2 TEST PROCEDURE

Above 1GHz test procedure as below:

1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna 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.
4. 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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
7. Test the EUT in the lowest channel, the highest channel

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

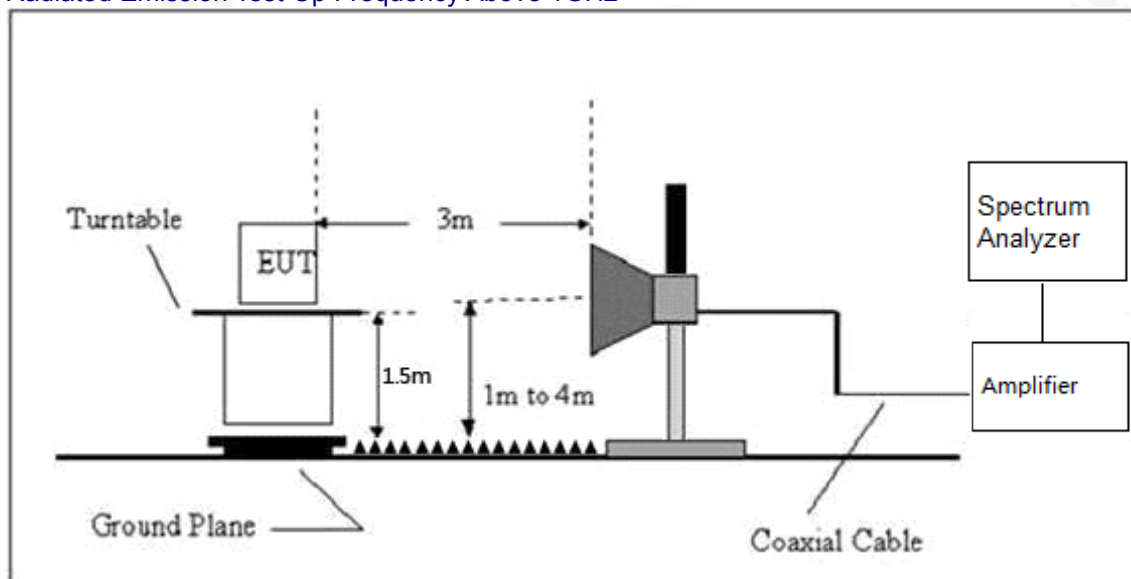
5.3 DEVIATION FROM TEST STANDARD

No deviation



5.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



5.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



5.6 TEST RESULT

	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
802.11b	LowChannel 2412MHz										
	H	2390.00	53.86	30.22	4.85	23.98	52.47	74.00	-21.53	PK	PASS
	H	2390.00	46.21	30.22	4.85	23.98	44.82	54.00	-9.18	AV	PASS
	V	2390.00	55.11	30.22	4.85	23.98	53.72	74.00	-20.28	PK	PASS
	V	2390.00	46.13	30.22	4.85	23.98	44.74	54.00	-9.26	AV	PASS
	HighChannel 2462MHz										
	H	2483.50	56.2	30.22	4.85	23.98	54.81	74.00	-19.19	PK	PASS
	H	2483.50	45.34	30.22	4.85	23.98	43.95	54.00	-10.05	AV	PASS
	H	2500.00	56.16	30.22	4.85	23.98	54.77	74.00	-19.23	PK	PASS
	H	2500.00	46.12	30.22	4.85	23.98	44.73	54.00	-9.27	AV	PASS
	V	2483.50	55.18	30.22	4.85	23.98	53.79	74.00	-20.21	PK	PASS
	V	2483.50	45.61	30.22	4.85	23.98	44.22	54.00	-9.78	AV	PASS
802.11g	LowChannel 2412MHz										
	H	2390.00	56.01	30.22	4.85	23.98	54.62	74.00	-19.38	PK	PASS
	H	2390.00	44.67	30.22	4.85	23.98	43.28	54.00	-10.72	AV	PASS
	V	2390.00	55.03	30.22	4.85	23.98	53.64	74.00	-20.36	PK	PASS
	V	2390.00	44.24	30.22	4.85	23.98	42.85	54.00	-11.15	AV	PASS
	High Channel 2462MHz										
	H	2483.50	55.5	30.22	4.85	23.98	54.11	74.00	-19.89	PK	PASS
	H	2483.50	45.71	30.22	4.85	23.98	44.32	54.00	-9.68	AV	PASS
	H	2500.00	56.87	30.22	4.85	23.98	55.48	74.00	-18.52	PK	PASS
	H	2500.00	44.67	30.22	4.85	23.98	43.28	54.00	-10.72	AV	PASS
	V	2483.50	55.1	30.22	4.85	23.98	53.71	74.00	-20.29	PK	PASS
	V	2483.50	44.12	30.22	4.85	23.98	42.73	54.00	-11.27	AV	PASS
802.11n20	LowChannel 2412MHz										
	H	2390.00	55.08	30.22	4.85	23.98	53.69	74.00	-20.31	PK	PASS
	H	2390.00	44.13	30.22	4.85	23.98	42.74	54.00	-11.26	AV	PASS
	V	2390.00	55.3	30.22	4.85	23.98	53.91	74.00	-20.09	PK	PASS
	V	2390.00	45.03	30.22	4.85	23.98	43.64	54.00	-10.36	AV	PASS
	High Channel 2462MHz										
	H	2483.50	56.11	30.22	4.85	23.98	54.72	74.00	-19.28	PK	PASS
	H	2483.50	45.18	30.22	4.85	23.98	43.79	54.00	-10.21	AV	PASS
	H	2500.00	55.21	30.22	4.85	23.98	53.82	74.00	-20.18	PK	PASS
	H	2500.00	45.67	30.22	4.85	23.98	44.28	54.00	-9.72	AV	PASS
	V	2483.50	55.21	30.22	4.85	23.98	53.82	74.00	-20.18	PK	PASS
	V	2483.50	46.38	30.22	4.85	23.98	44.99	54.00	-9.01	AV	PASS
802.11n40	LowChannel 2422MHz										
	H	2390.00	55.16	30.22	4.85	23.98	53.77	74.00	-20.23	PK	PASS
	H	2390.00	45.02	30.22	4.85	23.98	43.63	54.00	-10.37	AV	PASS
	V	2390.00	55.01	30.22	4.85	23.98	53.62	74.00	-20.38	PK	PASS
	V	2390.00	44.22	30.22	4.85	23.98	42.83	54.00	-11.17	AV	PASS
	High Channel 2452MHz										
	H	2483.50	56.09	30.22	4.85	23.98	54.7	74.00	-19.30	PK	PASS
	H	2483.50	46.21	30.22	4.85	23.98	44.82	54.00	-9.18	AV	PASS
	H	2500.00	55.21	30.22	4.85	23.98	53.82	74.00	-20.18	PK	PASS
	H	2500.00	45.19	30.22	4.85	23.98	43.8	54.00	-10.20	AV	PASS
	V	2483.50	56.17	30.22	4.85	23.98	54.78	74.00	-19.22	PK	PASS



	V	2483.50	45.41	30.22	4.85	23.98	44.02	54.00	-9.98	AV	PASS
	V	2500.00	55.57	30.22	4.85	23.98	54.18	74.00	-19.82	PK	PASS
	V	2500.00	43.24	30.22	4.85	23.98	41.85	54.00	-12.15	AV	PASS

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit
2. The test data shows ANT. 0 and ANT. 1 Simultaneous emission mode