FCC TEST REPORT
FCC ID:2BHRQ-CUBELITE

Report Number.....:	**ZKT-240620L7013E-1**
Date of Test.....	June 20 to July 03, 2024
Date of issue.....:	July 03, 2024
Total number of pages.....	64
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 .....:	**Shenzhen Everycom Technology Co., Ltd.**
Address ..... :	Room 401-403, 2nd Floor, 31th Factory Building,Yangmei Road,Yangmei Community,Bantian,Longgang District,Shenzhen
Manufacturer's name .....:	**Shenzhen Everycom Technology Co., Ltd.**
Address ..... :	Room 401-403, 2nd Floor, 31th Factory Building,Yangmei Road,Yangmei Community,Bantian,Longgang District,Shenzhen
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: 2022-02-17

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.....:	**Projectors**
Trademark .....:	N/A
Model/Type reference..... :	CubeLite,Rondo,Rondo Pro,Q10W Max,X30W Pro,H6 Max,H5 Pro, YG628W,S6,M4000 pro
Ratings..... :	AC110-240V 50/60Hz

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).....:	Alen He
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Approved (name + signature).....:	Lake Xie

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1. VERSION

Report No.	Version	Description	Approved
ZKT-240620L7013E-1	Rev.01	Initial issue of report	July 03, 2024

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	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	PASS	
FCC part 15.247 (e)	Power Spectral Density	PASS	
FCC part 15.247(d)	Spurious Emission (Conducted) / 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

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ± 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	Conducted Emission Test	±1.38dB
2	RF power conducted	±0.16dB
3	Spurious emissions conducted	±0.21dB
4	All emissions radiated(<1G)	±4.68dB
5	All emissions radiated(>1G)	±4.89dB
6	Temperature	±0.5°C
7	Humidity	±2%

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Product Name:	Projectors
Model No.:	CubeLite,Rondo,Rondo Pro,Q10W Max,X30W Pro,H6 Max,H5 Pro, YG628W,S6,M4000 pro
Model Different.:	All models covered in this report are the same with each other, except for different model No. and appearance (for color, silk-screen only) for trading purpose.
Serial No.:	N/A
Hardware Version:	H1.0
Software Version:	S1.0
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(CubeLite0)/802.11n(HT40): Orthogonal Frequency Division Multiplexing(OFDM)
Antenna Type:	FPCB Antenna
Antenna gain:	Antenna 1: 1.67dBi Antenna 2: 1.67dBi
Power supply:	AC110-240V 50/60Hz
SWITCHING POWER ADAPTER:	N/A
Battery:	N/A
Note1: Directional Gain=1.67dBi+10log(2)=4.68dBi Note2: The EUT 802.11n (20) and 802.11n(40) is support MIMO mode.	

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	Realtek Test Tool
Power level setup	<8dBm

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Emission

AC Plug — EUT

Radiated Emission

AC Plug — EUT

Conducted Spurious

AC Plug — 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	Projectors	CIARA	CubeLite	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.	Firmware Version	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	KEYSIGHT	9020A	MY55370835	A.17.05	Nov. 02, 2023	Nov. 01, 2024
2	Spectrum Analyzer (10kHz-39.9GHz)	R&S	FSV40-N	100363	1.71 SP2	Nov. 02, 2023	Nov. 01, 2024
3	EMI Test Receiver (9kHz-7GHz)	R&S	ESCI7	100969	4.32	Nov. 02, 2023	Nov. 01, 2024
4	Bilog Antenna (30MHz-1500MHz)	Schwarzbeck	VULB9168	N/A	N/A	Nov. 13, 2023	Nov. 12, 2024
5	Horn Antenna (1GHz-18GHz)	Agilent	AH-118	071145	N/A	Nov. 13, 2023	Nov. 12, 2024
6	Horn Antenna (15GHz-40GHz)	A.H.System	SAS-574	588	N/A	Nov. 13, 2023	Nov. 12, 2024
7	Loop Antenna	TESEQ	HLA6121	58357	N/A	Nov. 16, 2023	Nov. 15, 2024
8	Amplifier (30-1000MHz)	EM Electronics	EM330 Amplifier	60747	N/A	Nov. 02, 2023	Nov. 01, 2024
9	Amplifier (1GHz-26.5GHz)	HuiPu	8449B	3008A00315	N/A	Nov. 02, 2023	Nov. 01, 2024
10	Amplifier (500MHz-40GHz)	QuanJuDa	DLE-161	097	N/A	Nov. 02, 2023	Nov. 01, 2024
11	Test Cable	N/A	R-01	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
12	Test Cable	N/A	R-02	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
13	Test Cable	N/A	R-03	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
14	Test Cable	N/A	RF-01	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
15	Test Cable	N/A	RF-02	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
16	Test Cable	N/A	RF-03	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
17	ESG Signal Generator	Agilent	E4421B	N/A	B.03.84	Nov. 02, 2023	Nov. 01, 2024
18	Signal Generator	Agilent	N5182A	N/A	A.01.87	Nov. 02, 2023	Nov. 01, 2024
19	Magnetic Field Probe Tester	Narda	ELT-400	0-0344	N/A	Nov. 16, 2023	Nov. 15, 2024
20	Wideband Radio Communication Test	R&S	CMW500	106504	V 3.7.22	Nov. 02, 2023	Nov. 01, 2024
21	MWRF Power Meter Test system	MW	MW100-RF CB	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
22	D.C. Power Supply	LongWei	TPR-6405D	N/A	N/A	\	\
23	EMC Software	Frad	EZ-EMC	Ver.EMC-CO N 3A1.1	N/A	\	\
24	RF Software	MW	MTS8310	V2.0.0.0	N/A	\	\
25	Turntable	MF	MF-7802BS	N/A	N/A	\	\
26	Antenna tower	MF	MF-7802BS	N/A	N/A	\	\
27	Power Meter	KEYSIGHT	N1912AP	N/A	A.05.00	Nov. 02, 2023	Nov. 01, 2024

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Last calibration	Calibrated until
1	LISN	R&S	ENV216	101471	N/A	Nov. 14, 2023	Nov. 13, 2024
2	LISN	CYBERTEK	EM5040A	E1850400149	N/A	Nov. 02, 2023	Nov. 01, 2024
3	Test Cable	N/A	C-01	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
4	Test Cable	N/A	C-02	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
5	Test Cable	N/A	C-03	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
6	EMI Test Receiver	R&S	ESCI3	101393	4.42 SP3	Nov. 02, 2023	Nov. 01, 2024
7	Triple-Loop Antenna	N/A	RF300	N/A	N/A	Nov. 02, 2023	Nov. 01, 2024
8	Absorbing Clamp	DZ	ZN23201	15034	N/A	Nov. 07, 2023	Nov. 06, 2024
9	EMC Software	Frad	EZ-EMC	Ver.EMC-CON 3A1.1	N/A	\	\

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.

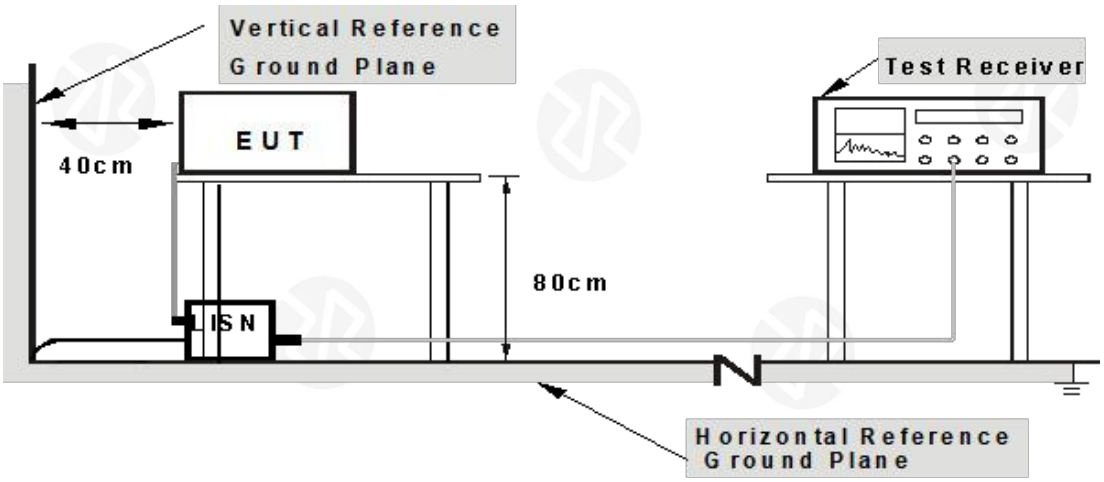
4.1.2 TEST PROCEDURE

a. The EUT was placed 0.1 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.
b. 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.
c. 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.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. 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 from other units and other metal planes

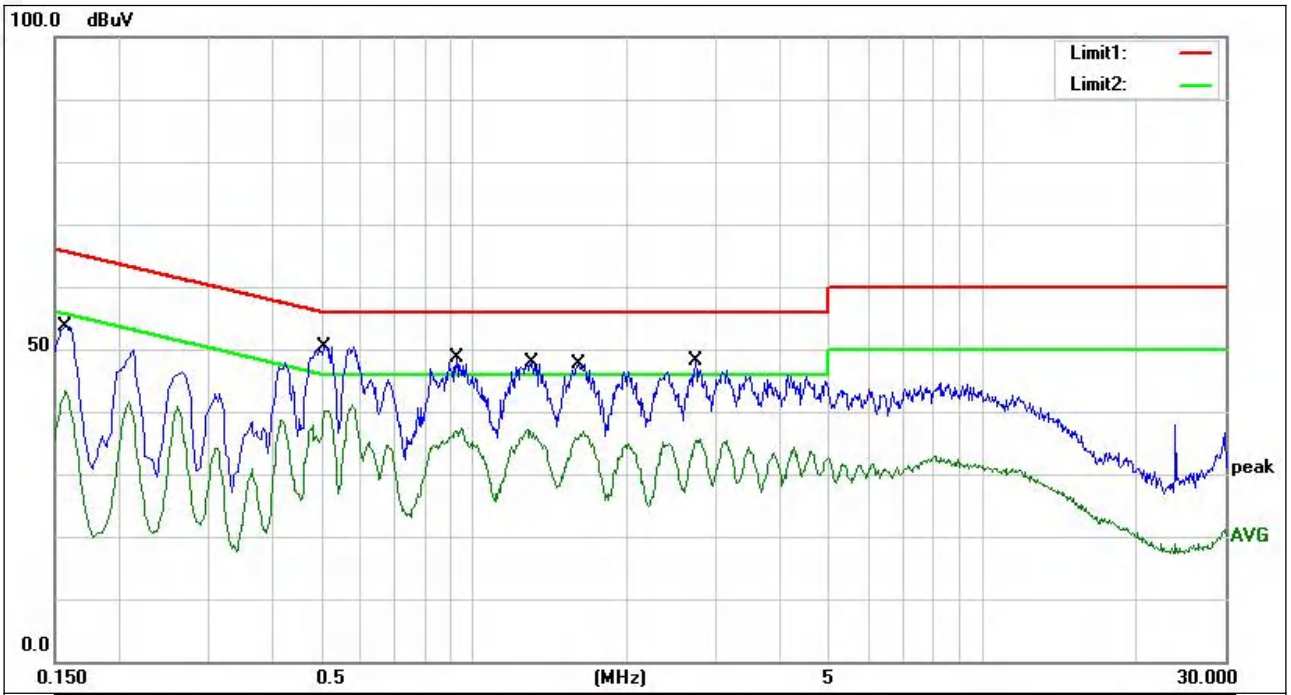
4.1.5 EUT OPERATING CONDITIONS

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.

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

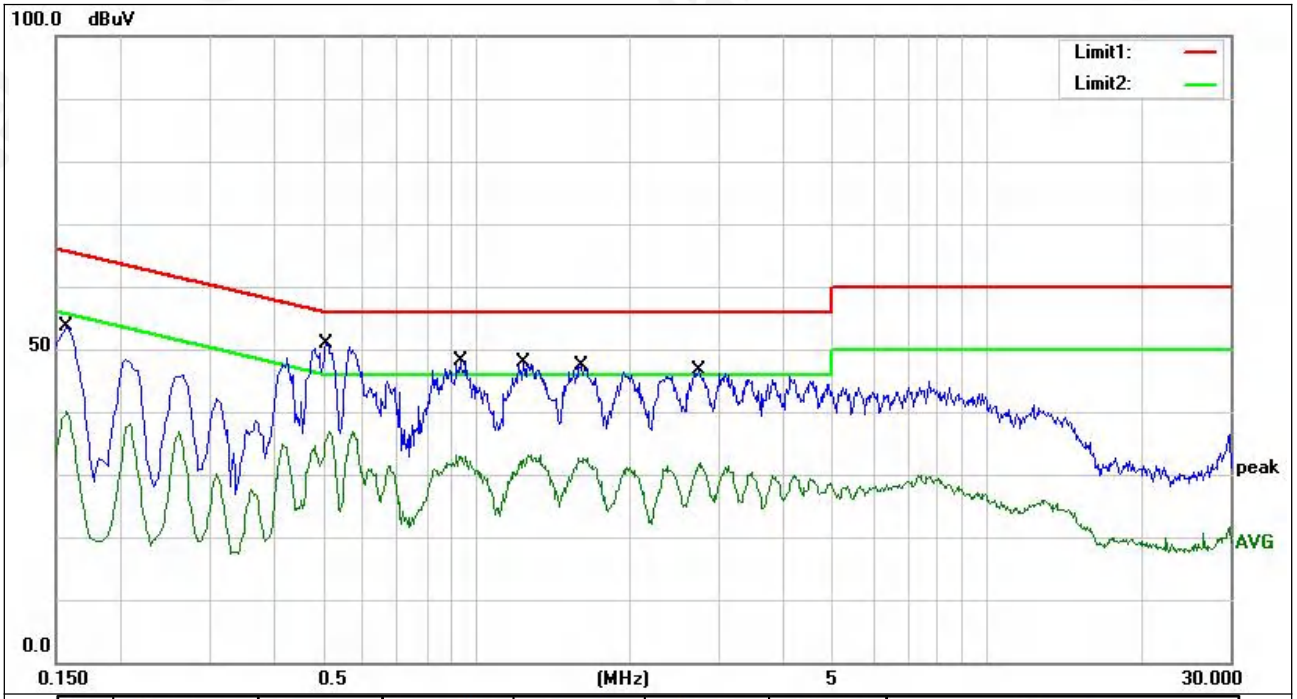
Temperature :	26℃	Relative Humidity:	54%
Pressure :	101kPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	TX 802.11b-2402MHz



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	33.91	19.78	53.69	65.57	-11.88	QP
2	0.1580	23.63	19.78	43.41	55.57	-12.16	AVG
3	0.5100	30.48	20.00	50.48	56.00	-5.52	QP
4	0.5100	21.01	20.00	41.01	46.00	-4.99	AVG
5	0.9260	28.89	19.78	48.67	56.00	-7.33	QP
6	0.9260	17.67	19.78	37.45	46.00	-8.55	AVG
7	1.2980	28.11	19.77	47.88	56.00	-8.12	QP
8	1.2980	17.47	19.77	37.24	46.00	-8.76	AVG
9	1.6100	27.80	19.78	47.58	56.00	-8.42	QP
10	1.6100	16.99	19.78	36.77	46.00	-9.23	AVG
11	2.7220	28.32	19.81	48.13	56.00	-7.87	QP
12	2.7220	15.84	19.81	35.65	46.00	-10.35	AVG

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.Mesurement Level = Reading level + Correct Factor

Temperature :	26℃	Relative Humidity:	54%
Pressure :	101kPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	TX 802.11b-2402MHz



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	33.79	19.78	53.57	65.57	-12.00	QP
2	0.1580	20.34	19.78	40.12	55.57	-15.45	AVG
3	0.5100	30.89	20.00	50.89	56.00	-5.11	QP
4	0.5100	16.98	20.00	36.98	46.00	-9.02	AVG
5	0.9300	28.45	19.78	48.23	56.00	-7.77	QP
6	0.9300	13.31	19.78	33.09	46.00	-12.91	AVG
7	1.2380	28.15	19.78	47.93	56.00	-8.07	QP
8	1.2380	13.38	19.78	33.16	46.00	-12.84	AVG
9	1.6060	27.69	19.78	47.47	56.00	-8.53	QP
10	1.6060	12.85	19.78	32.63	46.00	-13.37	AVG
11	2.7340	26.74	19.81	46.55	56.00	-9.45	QP
12	2.7340	12.14	19.81	31.95	46.00	-14.05	AVG

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.Mesurement 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	100KHz	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 0.1 meters above the ground at a 3 meter semi-anechoiccamber. 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 avariable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum valueof 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 toheights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1meter) 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 bestopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dBmargin would be re-tested one by one using peak, quasi-peak or average method as specified and then reportedin a data sheet.

Above 1GHz test procedure as below:

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

Note:

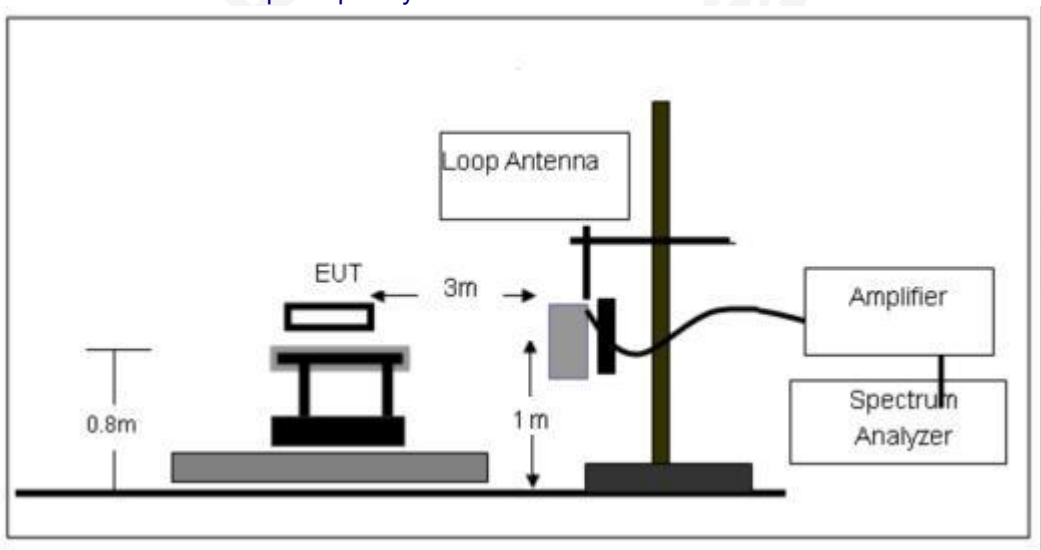
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

4.2.3 DEVIATION FROM TEST STANDARD

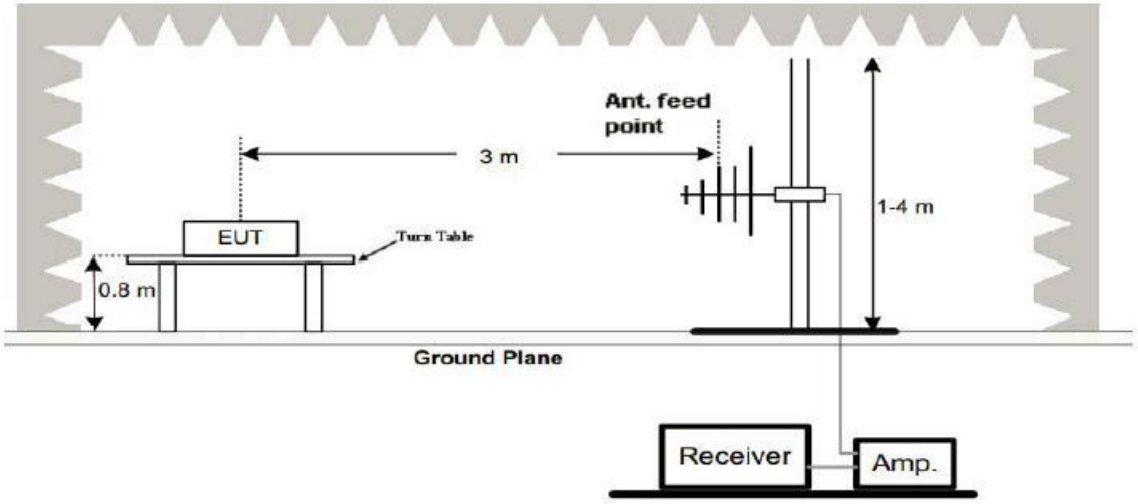
No deviation

4.2.4 TEST SETUP

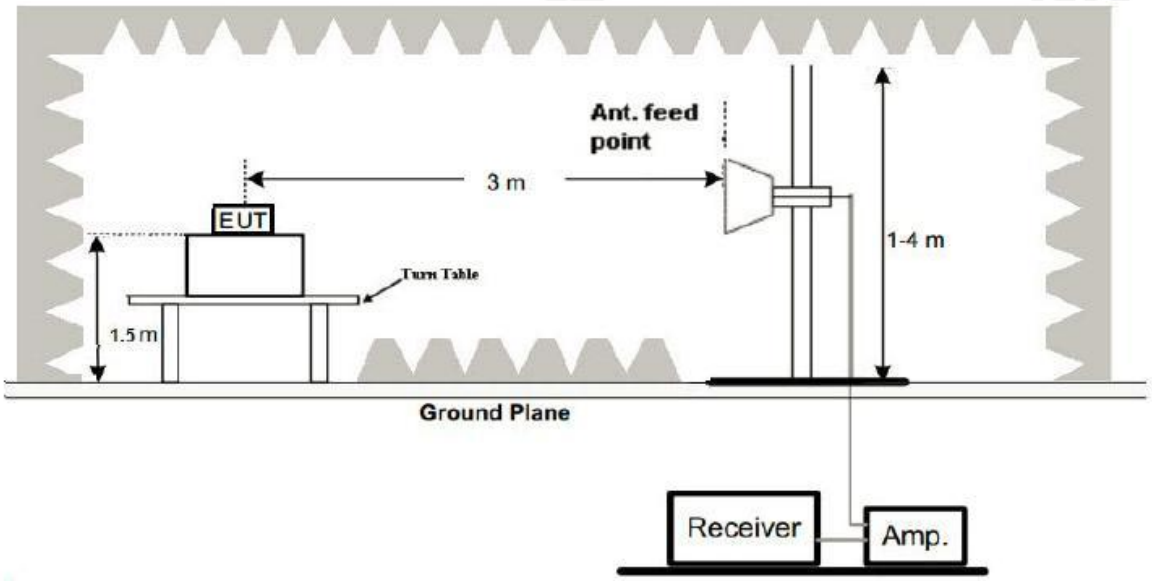
（A）Radiated Emission Test-Up Frequency Below 30MHz



（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.

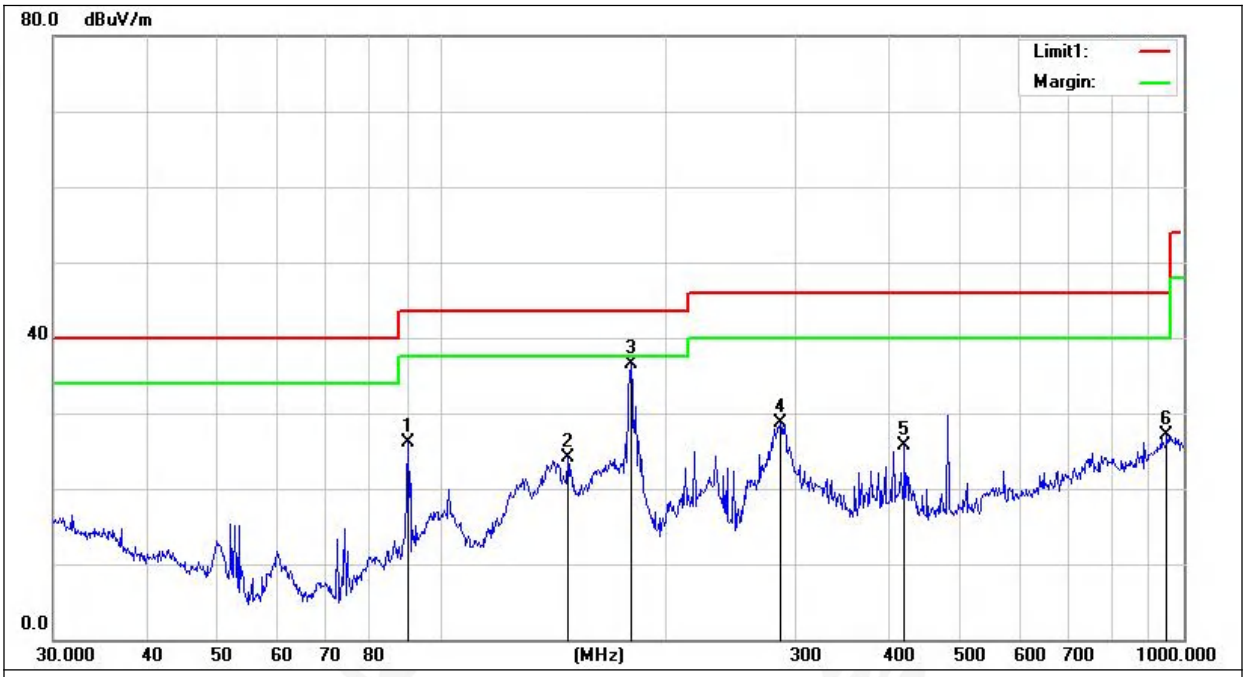
4.2.6 TEST RESULTS

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.

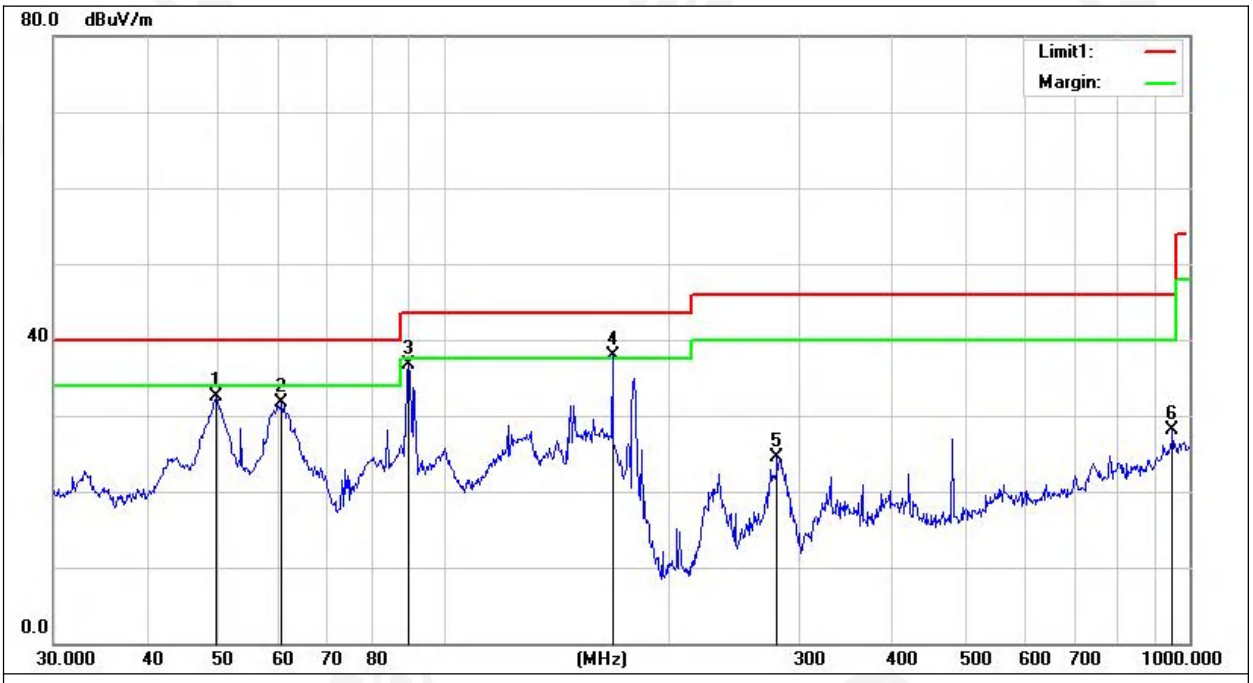
Between 30MHz – 1GHz

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Test Mode:	TX 802.11b-2412MHz



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	90.2205	47.65	-21.51	26.14	43.50	-17.36	QP
2	147.9214	42.22	-18.21	24.01	43.50	-19.49	QP
3	180.0165	57.29	-20.86	36.43	43.50	-7.07	QP
4	285.9778	45.01	-16.34	28.67	46.00	-17.33	QP
5	420.5803	38.08	-12.40	25.68	46.00	-20.32	QP
6	948.7610	29.25	-2.18	27.07	46.00	-18.93	QP

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Test Mode:	TX 802.11b-2412MHz



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	49.5328	53.85	-21.42	32.43	40.00	-7.57	QP
2	60.7044	57.60	-25.91	31.69	40.00	-8.31	QP
3	89.9047	58.31	-21.56	36.75	43.50	-6.75	QP
4	168.4138	57.65	-19.68	37.97	43.50	-5.53	QP
5	280.0237	40.34	-15.75	24.59	46.00	-21.41	QP
6	948.7610	30.22	-2.18	28.04	46.00	-17.96	QP

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 mode

1GHz~25GHz

802.11b

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2412MHz									
V	4824.00	51.39	30.55	5.77	31.12	57.73	74.00	-16.27	PK
V	4824.00	31.25	30.55	5.77	31.12	37.59	54.00	-16.41	AV
V	7236.00	49.48	30.33	6.32	36.00	61.47	74.00	-12.53	PK
V	7236.00	31.96	30.33	6.32	36.00	43.95	54.00	-10.05	AV
V	9648.00	49.98	30.85	7.45	37.14	63.72	74.00	-10.28	PK
V	9648.00	31.86	30.85	7.45	37.14	45.60	54.00	-8.40	AV
V	12060.00	45.08	31.02	8.99	39.10	62.15	74.00	-11.85	PK
V	12060.00	27.86	31.02	8.99	39.10	44.93	54.00	-9.07	AV
H	4824.00	51.73	30.55	5.77	31.12	58.07	74.00	-15.93	PK
H	4824.00	31.58	30.55	5.77	31.12	37.92	54.00	-16.08	AV
H	7236.00	50.37	30.33	6.32	36.00	62.36	74.00	-11.64	PK
H	7236.00	31.63	30.33	6.32	36.00	43.62	54.00	-10.38	AV
H	9648.00	50.37	30.85	7.45	37.14	64.11	74.00	-9.89	PK
H	9648.00	31.63	30.85	7.45	37.14	45.37	54.00	-8.63	AV
H	12060.00	45.37	31.02	8.99	39.10	62.44	74.00	-11.56	PK
H	12060.00	26.63	31.02	8.99	39.10	43.70	54.00	-10.30	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2437MHz									
V	4874.00	49.50	30.55	5.77	31.45	56.17	74.00	-17.83	PK
V	4874.00	30.39	30.55	5.77	31.45	37.06	54.00	-16.94	AV
V	7311.00	48.03	30.33	6.32	36.10	60.12	74.00	-13.88	PK
V	7311.00	30.07	30.33	6.32	36.10	42.16	54.00	-11.84	AV
V	9748.00	48.10	30.85	7.45	36.50	61.20	74.00	-12.80	PK
V	9748.00	30.07	30.85	7.45	36.50	43.17	54.00	-10.83	AV
V	12185.00	43.00	31.02	8.99	39.11	60.08	74.00	-13.92	PK
V	12185.00	23.64	31.02	8.99	39.11	40.72	54.00	-13.28	AV
H	4874.00	50.86	30.55	5.77	31.45	57.53	74.00	-16.47	PK
H	4874.00	30.42	30.55	5.77	31.45	37.09	54.00	-16.91	AV
H	7311.00	51.57	30.33	6.32	36.10	63.66	74.00	-10.34	PK
H	7311.00	30.20	30.33	6.32	36.10	42.29	54.00	-11.71	AV
H	9748.00	51.57	30.85	7.45	36.50	64.67	74.00	-9.33	PK
H	9748.00	30.20	30.85	7.45	36.50	43.30	54.00	-10.70	AV
H	12185.00	45.05	31.02	8.99	39.11	62.13	74.00	-11.87	PK
H	12185.00	24.20	31.02	8.99	39.11	41.28	54.00	-12.72	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2462MHz									
V	4924.00	52.02	30.55	5.77	31.79	59.03	74.00	-14.97	PK
V	4924.00	33.56	30.55	5.77	31.79	40.57	54.00	-13.43	AV
V	7386.00	54.53	30.33	6.32	36.21	66.73	74.00	-7.27	PK
V	7386.00	33.88	30.33	6.32	36.21	46.08	54.00	-7.92	AV
V	9848.00	54.53	30.85	7.45	36.50	67.63	74.00	-6.37	PK
V	9848.00	34.37	30.85	7.45	36.50	47.47	54.00	-6.53	AV
V	12310.00	46.53	31.02	8.99	39.15	63.65	74.00	-10.35	PK
V	12310.00	28.77	31.02	8.99	39.15	45.89	54.00	-8.11	AV
H	4924.00	52.08	30.55	5.77	31.79	59.09	74.00	-14.91	PK
H	4924.00	33.72	30.55	5.77	31.79	40.73	54.00	-13.27	AV
H	7386.00	53.70	30.33	6.32	36.21	65.90	74.00	-8.10	PK
H	7386.00	34.04	30.33	6.32	36.21	46.24	54.00	-7.76	AV
H	9848.00	54.30	30.85	7.45	36.50	67.40	74.00	-6.60	PK
H	9848.00	33.74	30.85	7.45	36.50	46.84	54.00	-7.16	AV
H	12310.00	48.20	31.02	8.99	39.15	65.32	74.00	-8.68	PK
H	12310.00	27.13	31.02	8.99	39.15	44.25	54.00	-9.75	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.

802.11g

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2412MHz									
V	4824.00	51.05	30.55	5.77	31.12	57.39	74.00	-16.61	PK
V	4824.00	30.81	30.55	5.77	31.12	37.15	54.00	-16.85	AV
V	7236.00	48.84	30.33	6.32	36.00	60.83	74.00	-13.17	PK
V	7236.00	31.76	30.33	6.32	36.00	43.75	54.00	-10.25	AV
V	9648.00	48.84	30.85	7.45	37.14	62.58	74.00	-11.42	PK
V	9648.00	31.32	30.85	7.45	37.14	45.06	54.00	-8.94	AV
V	12060.00	45.94	31.02	8.99	39.10	63.01	74.00	-10.99	PK
V	12060.00	27.22	31.02	8.99	39.10	44.29	54.00	-9.71	AV
H	4824.00	51.39	30.55	5.77	31.12	57.73	74.00	-16.27	PK
H	4824.00	31.24	30.55	5.77	31.12	37.58	54.00	-16.42	AV
H	7236.00	50.14	30.33	6.32	36.00	62.13	74.00	-11.87	PK
H	7236.00	31.45	30.33	6.32	36.00	43.44	54.00	-10.56	AV
H	9648.00	50.16	30.85	7.45	37.14	63.90	74.00	-10.10	PK
H	9648.00	31.47	30.85	7.45	37.14	45.21	54.00	-8.79	AV
H	12060.00	45.19	31.02	8.99	39.10	62.26	74.00	-11.74	PK
H	12060.00	24.48	31.02	8.99	39.10	41.55	54.00	-12.45	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2437MHz									
V	4874.00	49.31	30.55	5.77	31.45	55.98	74.00	-18.02	PK
V	4874.00	30.16	30.55	5.77	31.45	36.83	54.00	-17.17	AV
V	7311.00	47.91	30.33	6.32	36.10	60.00	74.00	-14.00	PK
V	7311.00	30.02	30.33	6.32	36.10	42.11	54.00	-11.89	AV
V	9748.00	47.99	30.85	7.45	36.50	61.09	74.00	-12.91	PK
V	9748.00	29.25	30.85	7.45	36.50	42.35	54.00	-11.65	AV
V	12185.00	45.02	31.02	8.99	39.11	62.10	74.00	-11.90	PK
V	12185.00	23.36	31.02	8.99	39.11	40.44	54.00	-13.56	AV
H	4874.00	50.58	30.55	5.77	31.45	57.25	74.00	-16.75	PK
H	4874.00	30.53	30.55	5.77	31.45	37.20	54.00	-16.80	AV
H	7311.00	51.28	30.33	6.32	36.10	63.37	74.00	-10.63	PK
H	7311.00	30.10	30.33	6.32	36.10	42.19	54.00	-11.81	AV
H	9748.00	51.48	30.85	7.45	36.50	64.58	74.00	-9.42	PK
H	9748.00	29.91	30.85	7.45	36.50	43.01	54.00	-10.99	AV
H	12185.00	45.73	31.02	8.99	39.11	62.81	74.00	-11.19	PK
H	12185.00	25.04	31.02	8.99	39.11	42.12	54.00	-11.88	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2462MHz									
V	4924.00	49.01	30.55	5.77	31.79	56.02	74.00	-17.98	PK
V	4924.00	30.51	30.55	5.77	31.79	37.52	54.00	-16.48	AV
V	7386.00	51.35	30.33	6.32	36.21	63.55	74.00	-10.45	PK
V	7386.00	30.85	30.33	6.32	36.21	43.05	54.00	-10.95	AV
V	9848.00	51.35	30.85	7.45	36.50	64.45	74.00	-9.55	PK
V	9848.00	31.29	30.85	7.45	36.50	44.39	54.00	-9.61	AV
V	12310.00	44.45	31.02	8.99	39.15	61.57	74.00	-12.43	PK
V	12310.00	26.49	31.02	8.99	39.15	43.61	54.00	-10.39	AV
H	4924.00	49.03	30.55	5.77	31.79	56.04	74.00	-17.96	PK
H	4924.00	30.70	30.55	5.77	31.79	37.71	54.00	-16.29	AV
H	7386.00	50.52	30.33	6.32	36.21	62.72	74.00	-11.28	PK
H	7386.00	31.02	30.33	6.32	36.21	43.22	54.00	-10.78	AV
H	9848.00	51.22	30.85	7.45	36.50	64.32	74.00	-9.68	PK
H	9848.00	31.06	30.85	7.45	36.50	44.16	54.00	-9.84	AV
H	12310.00	45.12	31.02	8.99	39.15	62.24	74.00	-11.76	PK
H	12310.00	24.06	31.02	8.99	39.15	41.18	54.00	-12.82	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.

802.11n20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2412MHz									
V	4824.00	51.34	30.55	5.77	31.12	57.68	74.00	-16.32	PK
V	4824.00	31.14	30.55	5.77	31.12	37.48	54.00	-16.52	AV
V	7236.00	48.23	30.33	6.32	36.00	60.22	74.00	-13.78	PK
V	7236.00	32.14	30.33	6.32	36.00	44.13	54.00	-9.87	AV
V	9648.00	49.43	30.85	7.45	37.14	63.17	74.00	-10.83	PK
V	9648.00	31.51	30.85	7.45	37.14	45.25	54.00	-8.75	AV
V	12060.00	45.23	31.02	8.99	39.10	62.30	74.00	-11.70	PK
V	12060.00	26.58	31.02	8.99	39.10	43.65	54.00	-10.35	AV
H	4824.00	51.48	30.55	5.77	31.12	57.82	74.00	-16.18	PK
H	4824.00	31.33	30.55	5.77	31.12	37.67	54.00	-16.33	AV
H	7236.00	50.43	30.33	6.32	36.00	62.42	74.00	-11.58	PK
H	7236.00	31.64	30.33	6.32	36.00	43.63	54.00	-10.37	AV
H	9648.00	50.35	30.85	7.45	37.14	64.09	74.00	-9.91	PK
H	9648.00	31.56	30.85	7.45	37.14	45.30	54.00	-8.70	AV
H	12060.00	44.48	31.02	8.99	39.10	61.55	74.00	-12.45	PK
H	12060.00	25.67	31.02	8.99	39.10	42.74	54.00	-11.26	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2437MHz									
V	4874.00	50.01	30.55	5.77	31.45	56.68	74.00	-17.32	PK
V	4874.00	30.90	30.55	5.77	31.45	37.57	54.00	-16.43	AV
V	7311.00	47.87	30.33	6.32	36.10	59.96	74.00	-14.04	PK
V	7311.00	30.73	30.33	6.32	36.10	42.82	54.00	-11.18	AV
V	9748.00	48.92	30.85	7.45	36.50	62.02	74.00	-11.98	PK
V	9748.00	30.90	30.85	7.45	36.50	44.00	54.00	-10.00	AV
V	12185.00	45.82	31.02	8.99	39.11	62.90	74.00	-11.10	PK
V	12185.00	24.83	31.02	8.99	39.11	41.91	54.00	-12.09	AV
H	4874.00	51.30	30.55	5.77	31.45	57.97	74.00	-16.03	PK
H	4874.00	31.03	30.55	5.77	31.45	37.70	54.00	-16.30	AV
H	7311.00	52.03	30.33	6.32	36.10	64.12	74.00	-9.88	PK
H	7311.00	30.81	30.33	6.32	36.10	42.90	54.00	-11.10	AV
H	9748.00	52.18	30.85	7.45	36.50	65.28	74.00	-8.72	PK
H	9748.00	30.81	30.85	7.45	36.50	43.91	54.00	-10.09	AV
H	12185.00	44.81	31.02	8.99	39.11	61.89	74.00	-12.11	PK
H	12185.00	25.89	31.02	8.99	39.11	42.97	54.00	-11.03	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2462MHz									
V	4924.00	51.53	30.55	5.77	31.79	58.54	74.00	-15.46	PK
V	4924.00	32.73	30.55	5.77	31.79	39.74	54.00	-14.26	AV
V	7386.00	53.77	30.33	6.32	36.21	65.97	74.00	-8.03	PK
V	7386.00	33.45	30.33	6.32	36.21	45.65	54.00	-8.35	AV
V	9848.00	53.87	30.85	7.45	36.50	66.97	74.00	-7.03	PK
V	9848.00	33.87	30.85	7.45	36.50	46.97	54.00	-7.03	AV
V	12310.00	46.77	31.02	8.99	39.15	63.89	74.00	-10.11	PK
V	12310.00	26.01	31.02	8.99	39.15	43.13	54.00	-10.87	AV
H	4924.00	51.55	30.55	5.77	31.79	58.56	74.00	-15.44	PK
H	4924.00	33.22	30.55	5.77	31.79	40.23	54.00	-13.77	AV
H	7386.00	53.04	30.33	6.32	36.21	65.24	74.00	-8.76	PK
H	7386.00	33.68	30.33	6.32	36.21	45.88	54.00	-8.12	AV
H	9848.00	53.74	30.85	7.45	36.50	66.84	74.00	-7.16	PK
H	9848.00	33.67	30.85	7.45	36.50	46.77	54.00	-7.23	AV
H	12310.00	47.64	31.02	8.99	39.15	64.76	74.00	-9.24	PK
H	12310.00	26.58	31.02	8.99	39.15	43.70	54.00	-10.30	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.

802.11n40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2422MHz									
V	4844.00	50.89	30.55	5.77	31.14	57.25	74.00	-16.75	PK
V	4844.00	32.08	30.55	5.77	31.14	38.44	54.00	-15.56	AV
V	7266.00	53.13	30.33	6.32	36.09	65.21	74.00	-8.79	PK
V	7266.00	32.94	30.33	6.32	36.09	45.02	54.00	-8.98	AV
V	9688.00	53.21	30.85	7.45	37.16	66.97	74.00	-7.03	PK
V	9688.00	33.19	30.85	7.45	37.16	46.95	54.00	-7.05	AV
V	12110.00	45.76	31.02	8.99	39.15	62.88	74.00	-11.12	PK
V	12110.00	26.45	31.02	8.99	39.15	43.57	54.00	-10.43	AV
H	4844.00	51.14	30.55	5.77	31.14	57.50	74.00	-16.50	PK
H	4844.00	32.61	30.55	5.77	31.14	38.97	54.00	-15.03	AV
H	7266.00	52.41	30.33	6.32	36.09	64.49	74.00	-9.51	PK
H	7266.00	33.09	30.33	6.32	36.09	45.17	54.00	-8.83	AV
H	9688.00	53.08	30.85	7.45	37.16	66.84	74.00	-7.16	PK
H	9688.00	32.66	30.85	7.45	37.16	46.42	54.00	-7.58	AV
H	12110.00	45.13	31.02	8.99	39.15	62.25	74.00	-11.75	PK
H	12110.00	25.97	31.02	8.99	39.15	43.09	54.00	-10.91	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2437MHz									
V	4874.00	50.38	30.55	5.77	31.45	57.05	74.00	-16.95	PK
V	4874.00	31.58	30.55	5.77	31.45	38.25	54.00	-15.75	AV
V	7311.00	52.62	30.33	6.32	36.10	64.71	74.00	-9.29	PK
V	7311.00	32.30	30.33	6.32	36.10	44.39	54.00	-9.61	AV
V	9748.00	52.72	30.85	7.45	36.50	65.82	74.00	-8.18	PK
V	9748.00	32.72	30.85	7.45	36.50	45.82	54.00	-8.18	AV
V	12185.00	45.62	31.02	8.99	39.11	62.70	74.00	-11.30	PK
V	12185.00	25.86	31.02	8.99	39.11	42.94	54.00	-11.06	AV
H	4874.00	50.40	30.55	5.77	31.45	57.07	74.00	-16.93	PK
H	4874.00	32.07	30.55	5.77	31.45	38.74	54.00	-15.26	AV
H	7311.00	51.89	30.33	6.32	36.10	63.98	74.00	-10.02	PK
H	7311.00	32.53	30.33	6.32	36.10	44.62	54.00	-9.38	AV
H	9748.00	52.59	30.85	7.45	36.50	65.69	74.00	-8.31	PK
H	9748.00	32.52	30.85	7.45	36.50	45.62	54.00	-8.38	AV
H	12185.00	47.49	31.02	8.99	39.11	64.57	74.00	-9.43	PK
H	12185.00	26.43	31.02	8.99	39.11	43.51	54.00	-10.49	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2452MHz									
V	4904.00	50.19	30.55	5.77	31.69	57.10	74.00	-16.90	PK
V	4904.00	31.13	30.55	5.77	31.69	38.04	54.00	-15.96	AV
V	7356.00	51.82	30.33	6.32	36.15	63.96	74.00	-10.04	PK
V	7356.00	31.76	30.33	6.32	36.15	43.90	54.00	-10.10	AV
V	9808.00	52.52	30.85	7.45	37.32	66.44	74.00	-7.56	PK
V	9808.00	32.18	30.85	7.45	37.32	46.10	54.00	-7.90	AV
V	12260.00	46.03	31.02	8.99	39.13	63.13	74.00	-10.87	PK
V	12260.00	25.11	31.02	8.99	39.13	42.21	54.00	-11.79	AV
H	4904.00	49.87	30.55	5.77	31.69	56.78	74.00	-17.22	PK
H	4904.00	32.27	30.55	5.77	31.69	39.18	54.00	-14.82	AV
H	7356.00	51.45	30.33	6.32	36.15	63.59	74.00	-10.41	PK
H	7356.00	32.53	30.33	6.32	36.15	44.67	54.00	-9.33	AV
H	9808.00	52.08	30.85	7.45	37.32	66.00	74.00	-8.00	PK
H	9808.00	31.92	30.85	7.45	37.32	45.84	54.00	-8.16	AV
H	12260.00	45.07	31.02	8.99	39.13	62.17	74.00	-11.83	PK
H	12260.00	26.93	31.02	8.99	39.13	44.03	54.00	-9.97	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.

5.RADIATED BAND EMISSIONMEASUREMENT

5.1 TEST REQUIREMENT:

Test Requirement:	FCC Part15 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 1GHz	Peak	1MHz	3MHz	Peak
	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:

a. 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.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a 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 and the rota 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 bestopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dBmargin would be re-tested one by one using peak, quasi-peak or average method as specified and then reportedin a data sheet.

g. Test the EUT in the lowest channel,the Highest channel

Note:

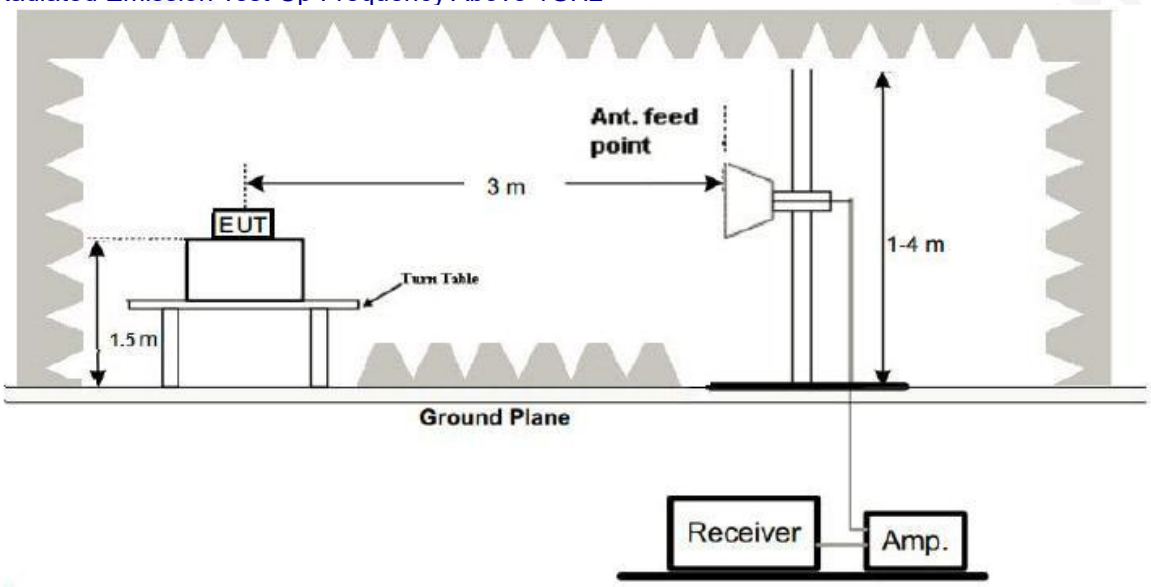
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

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)	Detector Type	Result
802.11b	Low Channel 2412MHz									
	H	2390.00	60.67	30.22	4.85	27.59	62.89	74.00	PK	PASS
	H	2390.00	41.45	30.22	4.85	27.59	43.67	54.00	AV	PASS
	H	2400.00	62.40	30.22	4.85	27.58	64.61	74.00	PK	PASS
	H	2400.00	41.11	30.22	4.85	27.58	43.32	54.00	AV	PASS
	V	2390.00	60.49	30.22	4.85	27.59	62.71	74.00	PK	PASS
	V	2390.00	42.36	30.22	4.85	27.59	44.58	54.00	AV	PASS
	V	2400.00	62.25	30.22	4.85	27.58	64.46	74.00	PK	PASS
	V	2400.00	41.18	30.22	4.85	27.58	43.39	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	58.87	30.22	4.85	27.40	60.90	74.00	PK	PASS
	H	2483.50	39.91	30.22	4.85	27.40	41.94	54.00	AV	PASS
	H	2485.50	60.38	30.22	4.85	27.40	62.41	74.00	PK	PASS
	H	2485.50	40.49	30.22	4.85	27.40	42.52	54.00	AV	PASS
	V	2483.50	59.68	30.22	4.85	27.40	61.71	74.00	PK	PASS
	V	2483.50	41.30	30.22	4.85	27.40	43.33	54.00	AV	PASS
	V	2485.50	60.07	30.22	4.85	27.40	62.10	74.00	PK	PASS
	V	2485.50	40.76	30.22	4.85	27.40	42.79	54.00	AV	PASS
802.11g	Low Channel 2412MHz									
	H	2390.00	58.26	30.22	4.85	27.59	60.48	74.00	PK	PASS
	H	2390.00	40.49	30.22	4.85	27.59	42.71	54.00	AV	PASS
	H	2400.00	60.29	30.22	4.85	27.58	62.50	74.00	PK	PASS
	H	2400.00	40.39	30.22	4.85	27.58	42.60	54.00	AV	PASS
	V	2390.00	58.51	30.22	4.85	27.59	60.73	74.00	PK	PASS
	V	2390.00	40.29	30.22	4.85	27.59	42.51	54.00	AV	PASS
	V	2400.00	57.25	30.22	4.85	27.58	59.46	74.00	PK	PASS
	V	2400.00	40.07	30.22	4.85	27.58	42.28	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	58.98	30.22	4.85	27.40	61.01	74.00	PK	PASS
	H	2483.50	40.71	30.22	4.85	27.40	42.74	54.00	AV	PASS
	H	2485.50	60.81	30.22	4.85	27.40	62.84	74.00	PK	PASS
	H	2485.50	40.91	30.22	4.85	27.40	42.94	54.00	AV	PASS
	V	2483.50	58.88	30.22	4.85	27.40	60.91	74.00	PK	PASS
	V	2483.50	40.81	30.22	4.85	27.40	42.84	54.00	AV	PASS
	V	2485.50	60.86	30.22	4.85	27.40	62.89	74.00	PK	PASS
	V	2485.50	40.98	30.22	4.85	27.40	43.01	54.00	AV	PASS
802.11n20	Low Channel 2412MHz									
	H	2390.00	58.53	30.22	4.85	27.59	60.75	74.00	PK	PASS
	H	2390.00	40.39	30.22	4.85	27.59	42.61	54.00	AV	PASS
	H	2400.00	60.93	30.22	4.85	27.58	63.14	74.00	PK	PASS
	H	2400.00	40.34	30.22	4.85	27.58	42.55	54.00	AV	PASS
	V	2390.00	58.40	30.22	4.85	27.59	60.62	74.00	PK	PASS
	V	2390.00	40.35	30.22	4.85	27.59	42.57	54.00	AV	PASS
	V	2400.00	60.77	30.22	4.85	27.58	62.98	74.00	PK	PASS
	V	2400.00	48.53	30.22	4.85	27.58	50.74	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	58.72	30.22	4.85	27.40	60.75	74.00	PK	PASS
	H	2483.50	40.65	30.22	4.85	27.40	42.68	54.00	AV	PASS
	H	2485.50	60.46	30.22	4.85	27.40	62.49	74.00	PK	PASS
	H	2485.50	40.53	30.22	4.85	27.40	42.56	54.00	AV	PASS
	V	2483.50	58.75	30.22	4.85	27.40	60.78	74.00	PK	PASS
	V	2483.50	40.50	30.22	4.85	27.40	42.53	54.00	AV	PASS
	V	2485.50	60.98	30.22	4.85	27.40	63.01	74.00	PK	PASS

	V	2485.50	40.33	30.22	4.85	27.40	42.36	54.00	AV	PASS
802.11n40	LowChannel 2422MHz									
	H	2390.00	58.54	30.22	4.85	27.59	60.76	74.00	PK	PASS
	H	2390.00	40.42	30.22	4.85	27.59	42.64	54.00	AV	PASS
	H	2400.00	60.74	30.22	4.85	27.58	62.95	74.00	PK	PASS
	H	2400.00	40.38	30.22	4.85	27.58	42.59	54.00	AV	PASS
	V	2390.00	58.35	30.22	4.85	27.59	60.57	74.00	PK	PASS
	V	2390.00	40.44	30.22	4.85	27.59	42.66	54.00	AV	PASS
	V	2400.00	60.50	30.22	4.85	27.58	62.71	74.00	PK	PASS
	V	2400.00	40.36	30.22	4.85	27.58	42.57	54.00	AV	PASS
	High Channel 2452MHz									
	H	2483.50	58.87	30.22	4.85	27.40	60.90	74.00	PK	PASS
	H	2483.50	40.80	30.22	4.85	27.40	42.83	54.00	AV	PASS
	H	2485.50	60.37	30.22	4.85	27.40	62.40	74.00	PK	PASS
	H	2485.50	40.68	30.22	4.85	27.40	42.71	54.00	AV	PASS
	V	2483.50	58.80	30.22	4.85	27.40	60.83	74.00	PK	PASS
	V	2483.50	40.58	30.22	4.85	27.40	42.61	54.00	AV	PASS
	V	2485.50	61.15	30.22	4.85	27.40	63.18	74.00	PK	PASS
	V	2485.50	48.21	30.22	4.85	27.40	50.24	74.00	AV	PASS

Remark:

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