FCC Part 15C Test Report

FCC ID: 2ADEB-M1601

Product Name:	Yunmai 2 Smart Scale
Trademark:	YUNMAI
Model Name :	M1601
Prepared For : Address :	SHENZHEN YUNMAI TECHNOLOGY CO., LTD. Room 10D, Block C, Building NO.4,Shenzhen Software Industry Base, Shenzhen,China
Prepared By : Address :	Shenzhen BCTC Technology Co., Ltd. No.101,Yousong Road,Longhua New District, Shenzhen,China
Test Date:	Nov. 20 - Nov. 28, 2016
Date of Report :	Dec. 10, 2016
Report No.:	BCTC-LH161212488E

TEST RESULT CERTIFICATION

Applicant's name ..... : SHENZHEN YUNMAI TECHNOLOGY CO., LTD.

Address ..... : Room 10D, Block C, Building NO.4,Shenzhen Software Industry Base, Shenzhen,China

Manufacture's Name ..... : SHENZHEN YUNMAI TECHNOLOGY CO., LTD.

Address ..... : Room 10D, Block C, Building NO.4,Shenzhen Software Industry Base, Shenzhen,China

Product description

Product name..... : Yunmai 2 Smart Scale

Trademark..... : YUNMAI

Model and/or type reference : M1601

Standards ..... : FCC Part15.247
ANSI C63.10:2013
KBD 558074 D01 DTS Meas Guidance v03r05

This device described above has been tested by BCTC, 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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Testing Engineer	:	Eric Yang
Reviewer (Supervisor)	:	Jade Yang
Approved & Authorized Signer(Manager)	:	Carson Zhang

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247 (a)(2)	6dB Bandwidth	PASS	
15.247 (b)	Peak Output Power	PASS	
15.247 (d)	Radiated Spurious Emission	PASS	
15.247 (e)	Power Spectral Density	PASS	
15.205	Restricted Band of Operation	PASS	
15.247 (d)	Band Edge (Out of Band Emissions)	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

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

1.1 TEST FACILITY

Shenzhen BCTC Technology Co., Ltd.
Add. : No.101,Yousong Road,Longhua New District, Shenzhen,China
FCC Registered No.: 187086

1.2 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%

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>Yunmai 2 Smart Scale</td></tr>
<tr><td>Trade Name</td><td>YUNMAI</td></tr>
<tr><td>Model Name</td><td>M1601</td></tr>
<tr><td>Model Difference</td><td>N/A</td></tr>
<tr><td>Product Description</td><td>The EUT is a Yunmai 2 Smart Scale
<table>
<tr><td>Operation Frequency:</td><td>802.11b/g/n20MHz:2412~2462 MHz
802.11n40MHz:2422~2452 MHz
BT:2402~2480MHz</td></tr>
<tr><td>Modulation Type:</td><td>WIFI: OFDM/DSSS
BT:GFSK</td></tr>
<tr><td>Bit Rate of Transmitter</td><td>802.11b:11/5.5/2/1 Mbps
802.11g:54/48/36/24/18/12/9/6Mbps
802.11n Up to 150Mbps
BT:2Mbps</td></tr>
<tr><td>Number Of Channel</td><td>802.11b/g/n20MHz:11 CH
802.11n40MHz: 7 CH
BT:40CH</td></tr>
<tr><td>Antenna Designation:</td><td>Please see Note 3.</td></tr>
</table>
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Channel List</td><td>Please refer to the Note 2.</td></tr>
<tr><td>Power</td><td>DC 3.7V
DC 5V from USB</td></tr>
<tr><td>hardware version</td><td>--</td></tr>
<tr><td>Software version</td><td>--</td></tr>
<tr><td>Serial number</td><td>--</td></tr>
<tr><td>Connecting I/O Port(s)</td><td>Please refer to the User's Manual</td></tr>
</table>

Note:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

2.

Channel List for 802.11b/g/n(20)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

Channel List for 802.11n(40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
03	2422	05	2432	07	2442	09	2452
04	2427	06	2437	08	2447		
Channel List for BT							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2402	11	2427	21	2442	31	2462
02	2404	12	2432	22	2444	32	2464
~	~	~	~	~	~	~	~
9	2418	19	2438	29	58	39	2478
10	2420	20	2440	30	60	40	2480

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	N/A	N/A	Internal Antenna		2.0	WIFI
2	N/A	N/A	PCB Antenna		1.2	BT

2.2 DESCRIPTION OF TEST MODES

Pretest Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n20 CH1/ CH6/ CH11
Mode 4	802.11n40 CH3/ CH6/ CH9
Mode 5	BT CH1/CH20/CH40
Mode 6	Link Mode

Conducted Emission	
Final Test Mode	Description
Mode 6	Link Mode

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n20 CH1/ CH6/ CH11
Mode 4	802.11n40 CH3/ CH6/ CH9

Note:

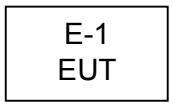
(1) The measurements are performed at the highest, middle, lowest available channels.

(2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

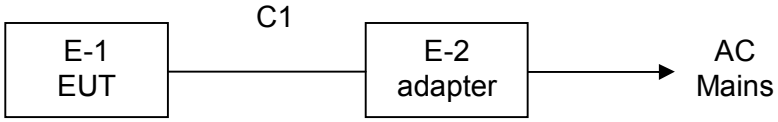
(3) According to ANSI C63.10 standards, the test results are both the “worst case” and “worst setup” 11MHz for 802.11b,6MHz for 802.11g,13Mbps for 802.11n(H20), 54Mbps for 802.11n(H40).

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Spurious Emission Test



2.4 DESCRIPTION OF TEST 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.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Yunmai 2 Smart Scale	N/A	M1601	N/A	EUT
E-2	Adapter(provide by test lab)	N/A	FYA05010US	N/A	I/P:AC 100-240V 50/60Hz O/P: DC 5V/0.5A

Item	Shielded Type	Ferrite Core	Length	Note
C1	No	No	0.8m	Mini USB

Note:

(1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer	Agilent	E4407B	MY45109572	2016.08.27	2017.08.26
2	Test Receiver	R&S	ESPI	101396	2016.08.27	2017.08.26
3	Bilog Antenna	SCHWARZBECK	VULB9160	VULB9160-3369	2016.08.27	2017.08.26
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2016.08.27	2017.08.26
5	Spectrum Analyzer	Agilent	N9020A	MY5051041	2016.08.27	2017.08.26
6	Horn Antenna	SCHWARZBECK	9120D	9120D-1275	2016.08.27	2017.08.26
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2016.07.06	2017.07.05
8	Amplifier	SCHWARZBECK	BBV9718	9718-270	2016.08.27	2017.08.26
9	Amplifier	SCHWARZBECK	BBV9743	9743-119	2016.08.27	2017.08.26
10	Loop Antenna	ARA	PLDS83030/B	1029	2016.07.06	2017.07.05
11	Power Meter	R&S	NRVS	100696	2016.08.27	2017.08.26
12	Power Sensor	R&S	URV5-Z4	0395.1619.05	2016.08.27	2017.08.26
13	RF cables	R&S	N/A	N/A	2016.08.27	2017.08.26

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Test Receiver	R&S	ESCI	1166.5950K03-101165-ha	2016.08.27	2017.08.26
2	LISN	R&S	NSLK8126	8126466	2016.08.27	2017.08.26
3	LISN	R&S	NSLK8126	8126487	2016.08.27	2017.08.26
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2016.08.27	2017.08.26
5	RF cables	R&S	R204	R20X	2016.08.27	2017.08.26

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

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) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2 TEST PROCEDURE

a. 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.

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.

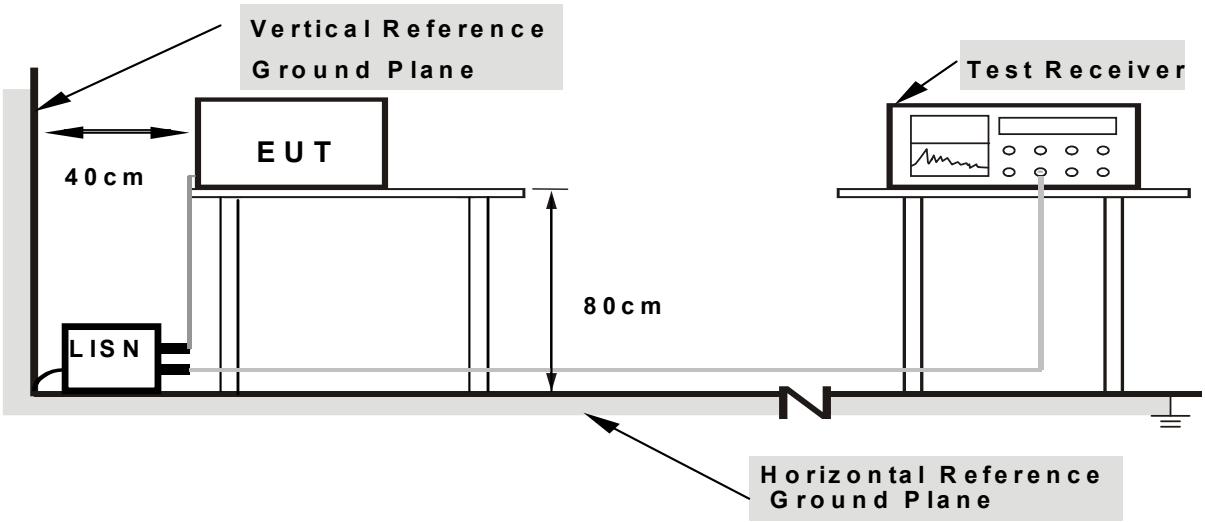
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 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

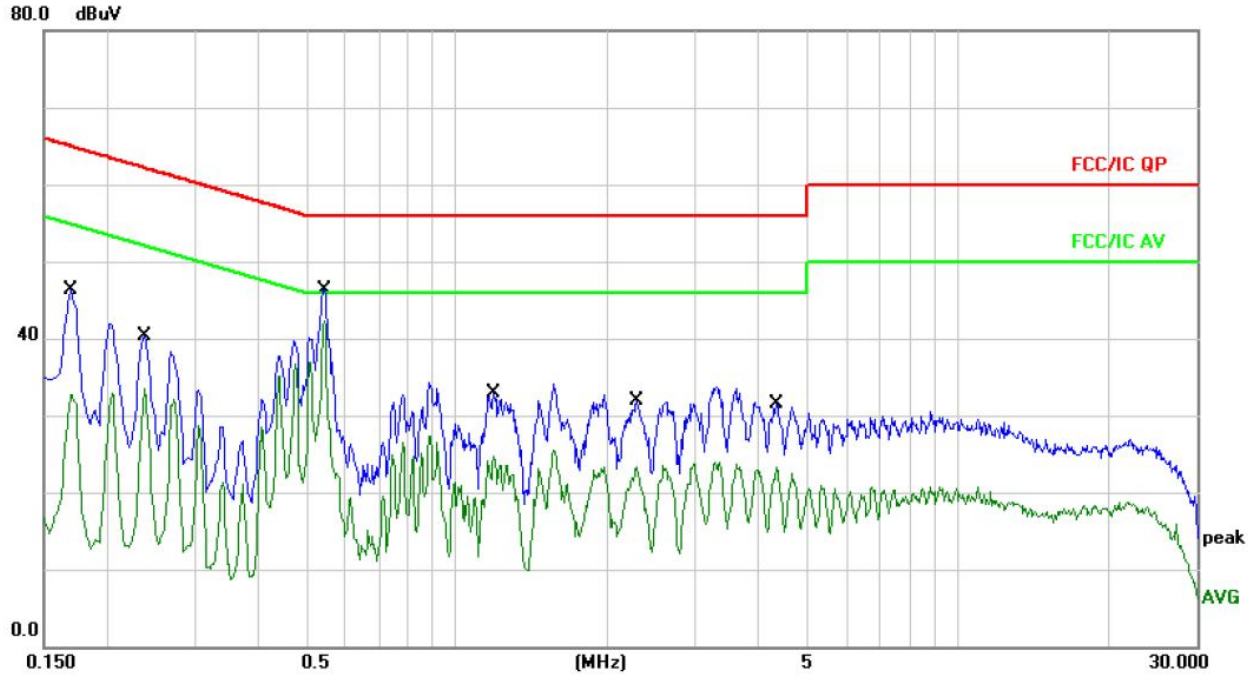
3.1.5 EUT OPERATING CONDITIONS

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 240V, the worst voltage was AC 120V and the data recording in the report.

3.1.6 TEST RESULTS

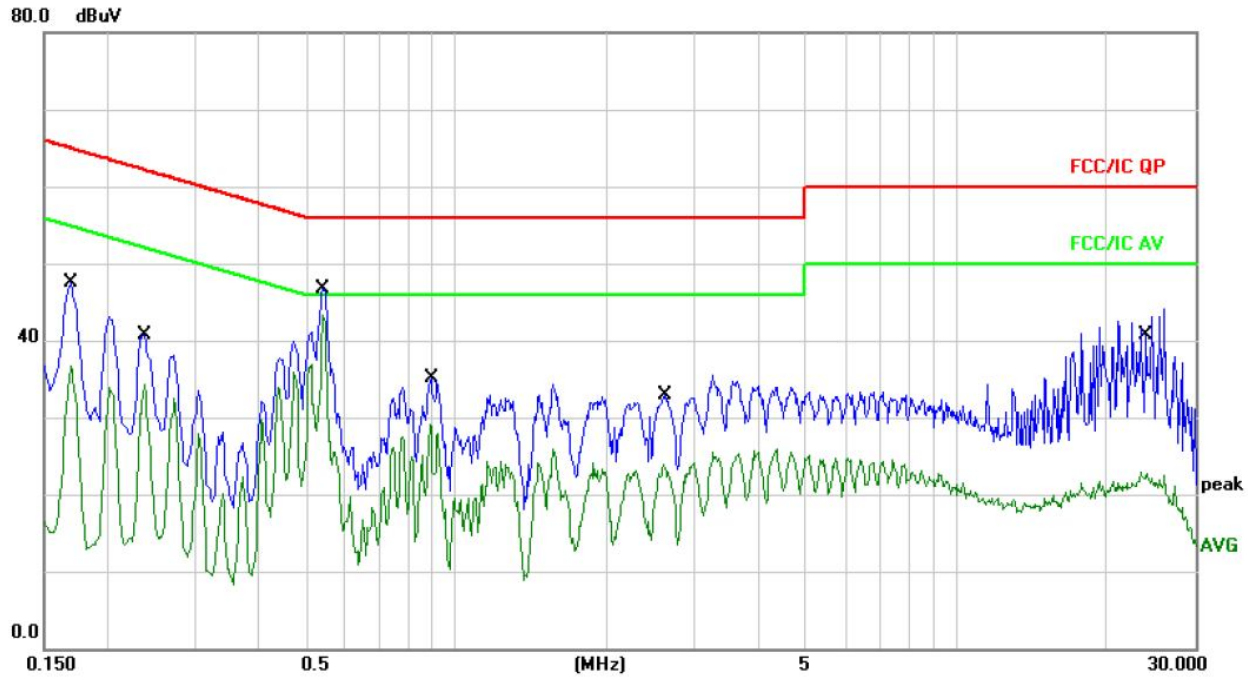
Temperature :	25 ℃	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode :	Mode 6



Remark:
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	36.16	10.06	46.22	64.96	-18.74	QP	
2		0.1700	22.73	10.06	32.79	54.96	-22.17	AVG	
3		0.2380	30.28	10.08	40.36	62.16	-21.80	QP	
4		0.2380	23.46	10.08	33.54	52.16	-18.62	AVG	
5		0.5460	36.21	10.12	46.33	56.00	-9.67	QP	
6	*	0.5460	32.16	10.12	42.28	46.00	-3.72	AVG	
7		1.1900	22.70	10.17	32.87	56.00	-23.13	QP	
8		1.1900	14.49	10.17	24.66	46.00	-21.34	AVG	
9		2.2860	21.72	10.18	31.90	56.00	-24.10	QP	
10		2.2860	13.03	10.18	23.21	46.00	-22.79	AVG	
11		4.3420	21.29	10.16	31.45	56.00	-24.55	QP	
12		4.3420	13.05	10.16	23.21	46.00	-22.79	AVG	

Temperature :	25 ℃	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode :	Mode 6



Remark:
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	37.39	10.06	47.45	64.96	-17.51	QP	
2		0.1700	26.60	10.06	36.66	54.96	-18.30	AVG	
3		0.2380	30.70	10.08	40.78	62.16	-21.38	QP	
4		0.2380	24.26	10.08	34.34	52.16	-17.82	AVG	
5		0.5420	36.68	10.12	46.80	56.00	-9.20	QP	
6	*	0.5420	33.14	10.12	43.26	46.00	-2.74	AVG	
7		0.8860	25.05	10.15	35.20	56.00	-20.80	QP	
8		0.8860	19.03	10.15	29.18	46.00	-16.82	AVG	
9		2.6060	22.63	10.19	32.82	56.00	-23.18	QP	
10		2.6060	13.71	10.19	23.90	46.00	-22.10	AVG	
11		24.1180	33.88	10.19	44.07	60.00	-15.93	QP	
12		24.1180	12.45	10.19	22.64	50.00	-27.36	AVG	

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

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 (Above 1000MHz)

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).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	25GHz
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / *10Hz* for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2 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 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 (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 between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change 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:

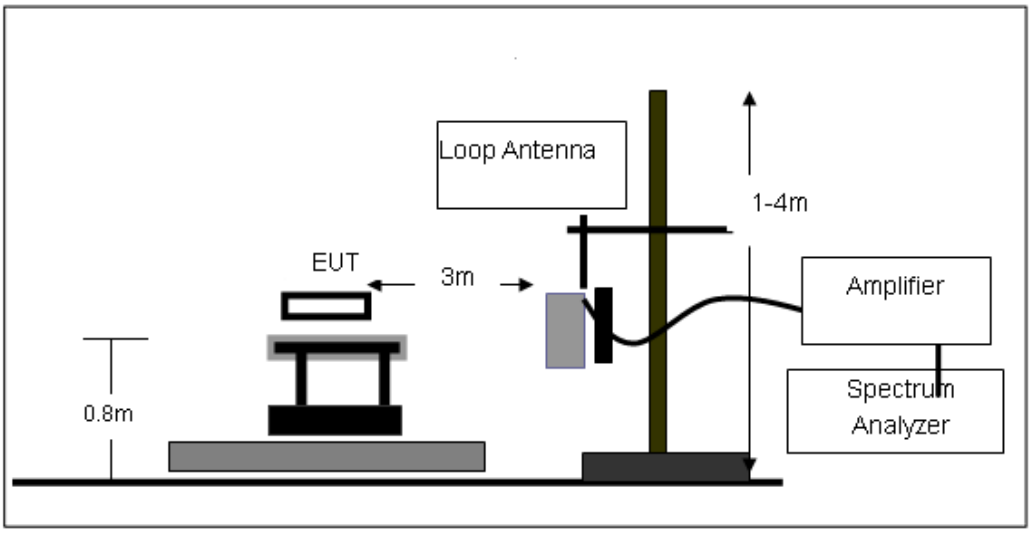
   Both horizontal and vertical antenna polarities were tested
   and performed pretest to three orthogonal axis. The worst case emissions were reported
   We pretest AC 120V and AC 240V, the worst voltage was AC 120V and the data recording in t he report.

3.2.3 DEVIATION FROM TEST STANDARD

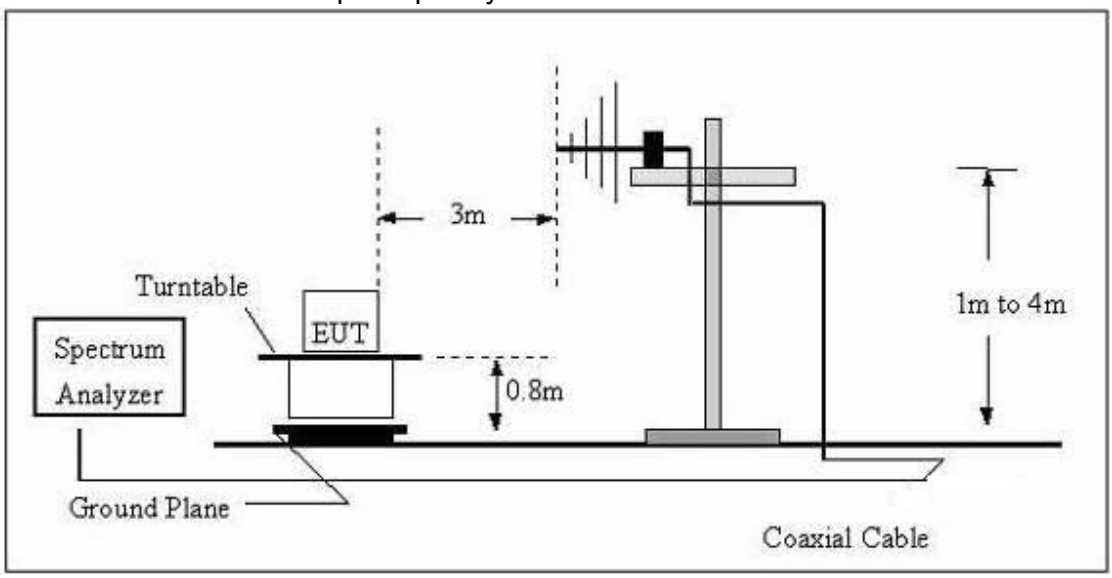
No deviation

3.2.4 TEST SETUP

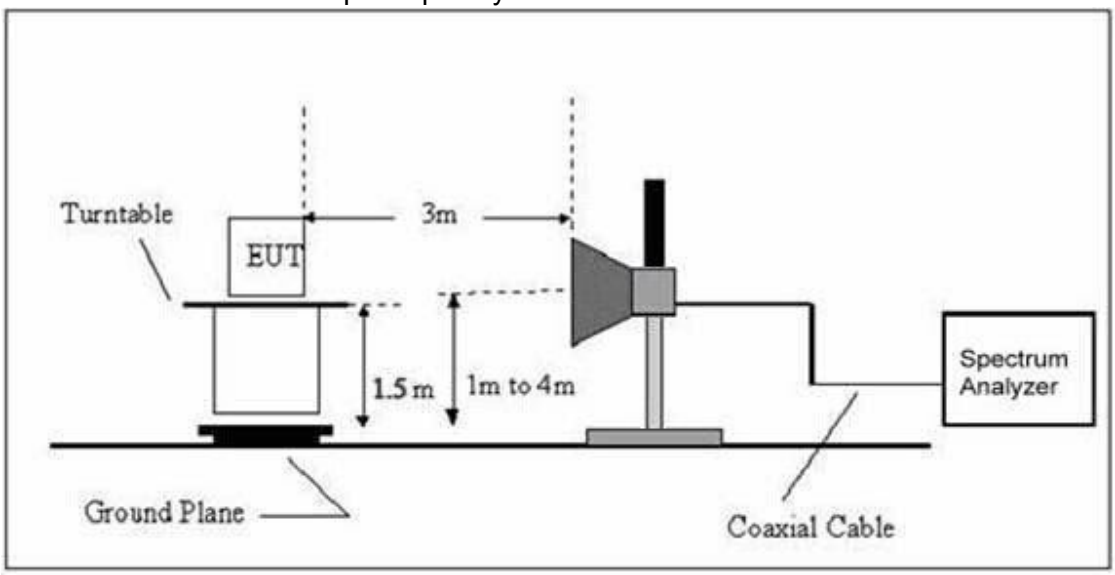
（A）Radiated Emission Test-Up Frequency Below 30MHz



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



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



3.2.5 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.

3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)

Temperature:	20℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	Mode 6	Polarization :	--

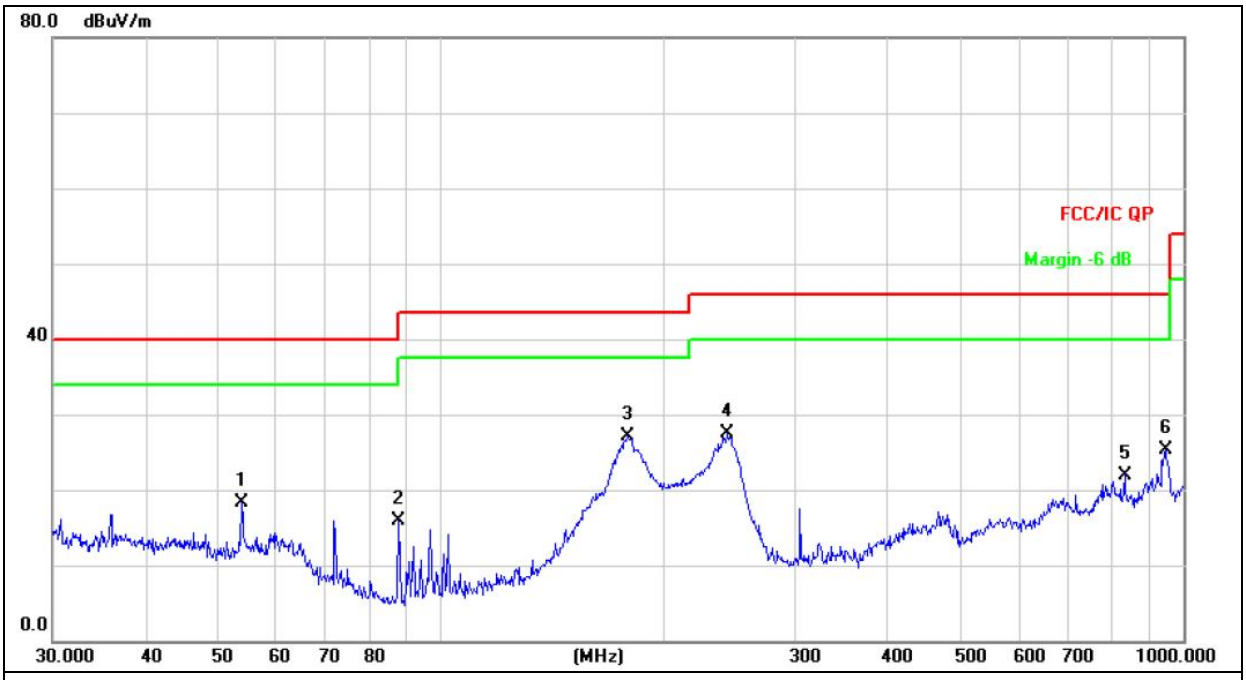
Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
Distance extrapolation factor =40 log (specific distance/test distance)(dB);
Limit line = specific limits(dBuv) + distance extrapolation factor.

3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

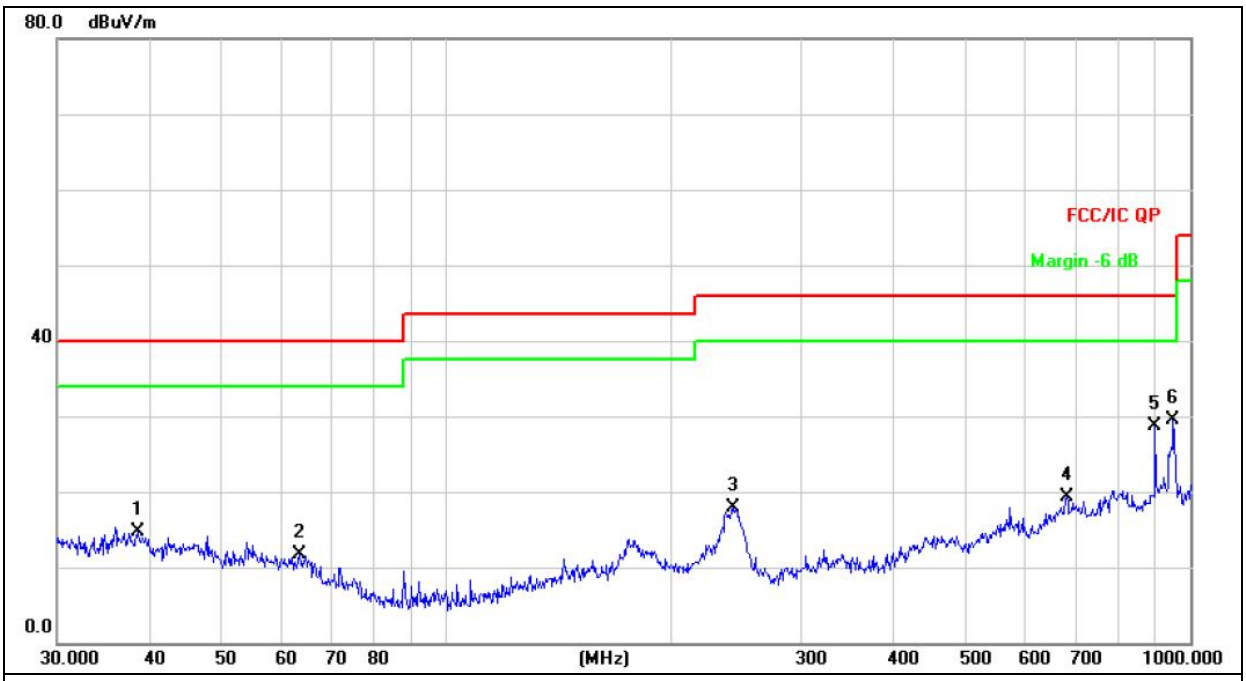
Temperature :	26℃	Relative Humidity :	54%
Pressure :	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC 3.7V		
Test Mode :	Mode 6		



Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		53.8818	29.18	-10.93	18.25	40.00	-21.75	QP
2		87.7248	33.67	-17.79	15.88	40.00	-24.12	QP
3	*	178.7584	41.37	-14.23	27.14	43.50	-16.36	QP
4		243.3772	41.90	-14.40	27.50	46.00	-18.50	QP
5		833.3171	24.22	-2.22	22.00	46.00	-24.00	QP
6		945.4399	25.84	-0.56	25.28	46.00	-20.72	QP

Temperature :	26℃	Relative Humidity :	54%
Pressure :	1010 hPa	Polarization :	Vertical
Test Voltage :	DC 3.7V		
Test Mode :	Mode 6		



Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		38.4809	23.44	-8.78	14.66	40.00	-25.34	QP
2		63.5356	23.86	-12.22	11.64	40.00	-28.36	QP
3		242.5252	32.25	-14.41	17.84	46.00	-28.16	QP
4		682.3484	23.92	-4.66	19.26	46.00	-26.74	QP
5		896.9965	30.13	-1.52	28.61	46.00	-17.39	QP
6	*	948.7610	29.92	-0.48	29.44	46.00	-16.56	QP

3.2.8 TEST RESULTS (1GHZ~25GHZ)

802.11b

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2412									
V	4824.00	66.83	39.55	7.85	25.66	60.79	74	-13.21	PK
V	4824.00	48.67	39.55	7.85	25.66	42.63	54	-11.37	AV
V	7236.00	67.89	38.33	7.52	24.55	61.63	74	-12.37	PK
V	7236.00	48.16	38.33	7.52	24.55	41.90	54	-12.10	AV
V	15450.00	51.23	35.23	6.75	26.59	49.34	74	-24.66	PK
H	4824.00	68.35	39.55	7.85	25.66	62.31	74	-11.69	PK
H	4824.00	49.14	39.55	7.85	25.66	43.10	54	-10.90	AV
H	7236.00	69.09	38.33	7.52	23.55	61.83	74	-12.17	PK
H	7236.00	52.42	38.33	7.52	23.22	44.83	54	-9.17	AV
H	15450.00	47.48	35.45	6.75	27.88	46.66	74	-27.34	PK
operation frequency:2437									
V	4874.00	65.15	38.89	7.57	25.45	59.28	74	-14.72	PK
V	4874.00	48.34	38.89	7.57	25.45	42.47	54	-11.53	AV
V	7311.00	66.26	38.78	7.35	24.78	59.61	74	-14.39	PK
V	7311.00	47.94	38.78	7.35	24.78	41.29	54	-12.71	AV
V	15450.00	52.03	35.89	6.42	26.47	49.03	74	-24.97	PK
H	4874.00	64.48	38.89	7.57	25.45	58.61	74	-15.39	PK
H	4874.00	49.23	38.89	7.57	25.45	43.36	54	-10.64	AV
H	7311.00	69.91	38.78	7.35	24.78	63.26	74	-10.74	PK
H	7311.00	48.50	38.78	7.35	24.78	41.85	54	-12.15	AV
H	15450.00	48.38	36.68	6.45	26.65	44.80	74	-29.20	PK
operation frequency:2462									
V	4924.00	67.93	38.75	7.46	25.45	62.09	74	-11.91	PK
V	4924.00	50.46	38.75	7.46	25.45	44.62	54	-9.38	AV
V	7386.00	67.32	38.65	7.22	24.78	60.67	74	-13.33	PK
V	7386.00	49.04	38.65	7.22	24.78	42.39	54	-11.61	AV
V	15450.00	53.28	35.58	6.35	26.47	50.52	74	-23.48	PK
H	4924.00	65.80	38.75	7.46	25.45	59.96	74	-14.04	PK
H	4924.00	50.06	38.75	7.46	25.45	44.22	54	-9.78	AV
H	7386.00	69.25	38.65	7.22	24.78	62.60	74	-11.40	PK
H	7386.00	47.93	38.65	7.22	24.78	41.28	54	-12.72	AV
H	15450.00	50.16	36.42	6.32	26.65	46.71	74	-27.29	PK

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/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2412									
V	4824.00	65.67	39.55	7.85	25.66	59.63	74	-14.37	PK
V	4824.00	49.16	39.55	7.85	25.66	43.12	54	-10.88	AV
V	7236.00	65.83	38.33	7.52	24.55	59.57	74	-14.43	PK
V	7236.00	47.27	38.33	7.52	24.55	41.01	54	-12.99	AV
V	15450.00	50.52	35.23	6.75	26.59	48.63	74	-25.37	PK
H	4824.00	62.72	39.55	7.85	25.66	56.68	74	-17.32	PK
H	4824.00	49.07	39.55	7.85	25.66	43.03	54	-10.97	AV
H	7236.00	68.77	38.33	7.52	23.55	61.51	74	-12.49	PK
H	7236.00	50.05	38.33	7.52	23.22	42.46	54	-11.54	AV
H	15450.00	45.40	35.45	6.75	27.88	44.58	74	-29.42	PK
operation frequency:2437									
V	4874.00	66.11	38.89	7.57	25.45	60.24	74	-13.76	PK
V	4874.00	48.84	38.89	7.57	25.45	42.97	54	-11.03	AV
V	7311.00	66.97	38.78	7.35	24.78	60.32	74	-13.68	PK
V	7311.00	47.35	38.78	7.35	24.78	40.70	54	-13.30	AV
V	15450.00	52.40	35.89	6.42	26.47	49.40	74	-24.60	PK
H	4874.00	64.79	38.89	7.57	25.45	58.92	74	-15.08	PK
H	4874.00	49.07	38.89	7.57	25.45	43.20	54	-10.80	AV
H	7311.00	68.74	38.78	7.35	24.78	62.09	74	-11.91	PK
H	7311.00	47.87	38.78	7.35	24.78	41.22	54	-12.78	AV
H	15450.00	48.95	36.68	6.42	26.65	45.34	74	-28.66	PK
operation frequency:2462									
V	4924.00	67.32	38.75	7.46	25.45	61.48	74	-12.52	PK
V	4924.00	48.04	38.75	7.46	25.45	42.20	54	-11.80	AV
V	7386.00	67.99	38.65	7.22	24.78	61.34	74	-12.66	PK
V	7386.00	49.36	38.65	7.22	24.78	42.71	54	-11.29	AV
V	15450.00	53.21	35.58	6.35	26.47	50.45	74	-23.55	PK
H	4924.00	65.99	38.75	7.46	25.45	60.15	74	-13.85	PK
H	4924.00	50.02	38.75	7.46	25.45	44.18	54	-9.82	AV
H	7386.00	68.79	38.65	7.22	24.78	62.14	74	-11.86	PK
H	7386.00	48.47	38.65	7.22	24.78	41.82	54	-12.18	AV
H	15450.00	49.32	36.42	6.32	26.65	45.87	74	-28.13	PK

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.

802.11n(20MHz)

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2412									
V	4824.00	67.34	39.55	7.85	25.66	61.30	74	-12.70	PK
V	4824.00	48.37	39.55	7.85	25.66	42.33	54	-11.67	AV
V	7236.00	68.03	38.33	7.52	24.55	61.77	74	-12.23	PK
V	7236.00	48.24	38.33	7.52	24.55	41.98	54	-12.02	AV
V	15450.00	51.46	35.23	6.75	26.59	49.57	74	-24.43	PK
H	4824.00	67.92	39.55	7.85	25.66	61.88	74	-12.12	PK
H	4824.00	49.33	39.55	7.85	25.66	43.29	54	-10.71	AV
H	7236.00	68.93	38.33	7.52	23.55	61.67	74	-12.33	PK
H	7236.00	52.15	38.33	7.52	23.22	44.56	54	-9.44	AV
H	15450.00	47.55	35.45	6.75	27.88	46.73	74	-27.27	PK
operation frequency:2437									
V	4874.00	66.30	38.89	7.57	25.45	60.43	74	-13.57	PK
V	4874.00	49.33	38.89	7.57	25.45	43.46	54	-10.54	AV
V	7311.00	66.95	38.78	7.35	24.78	60.30	74	-13.70	PK
V	7311.00	47.15	38.78	7.35	24.78	40.50	54	-13.50	AV
V	15450.00	52.03	35.89	6.42	26.47	49.03	74	-24.97	PK
H	4874.00	65.18	38.89	7.57	25.45	59.31	74	-14.69	PK
H	4874.00	49.35	38.89	7.57	25.45	43.48	54	-10.52	AV
H	7311.00	69.32	38.78	7.35	24.78	62.67	74	-11.33	PK
H	7311.00	48.51	38.78	7.35	24.78	41.86	54	-12.14	AV
H	15450.00	49.32	36.68	6.42	26.65	45.71	74	-28.29	PK
operation frequency:2462									
V	4924.00	68.34	38.75	7.46	25.45	62.50	74	-11.50	PK
V	4924.00	50.06	38.75	7.46	25.45	44.22	54	-9.78	AV
V	7386.00	67.34	38.65	7.22	24.78	60.69	74	-13.31	PK
V	7386.00	49.26	38.65	7.22	24.78	42.61	54	-11.39	AV
V	15450.00	53.05	35.58	6.35	26.47	50.29	74	-23.71	PK
H	4924.00	66.36	38.75	7.46	25.45	60.52	74	-13.48	PK
H	4924.00	50.20	38.75	7.46	25.45	44.36	54	-9.64	AV
H	7386.00	68.85	38.65	7.22	24.78	62.20	74	-11.80	PK
H	7386.00	48.07	38.65	7.22	24.78	41.42	54	-12.58	AV
H	15450.00	49.85	36.42	6.32	26.65	46.40	74	-27.60	PK

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.

802.11n(40MHz)

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2422									
V	4844.000	68.71	39.55	7.77	25.66	62.59	74	-11.41	PK
V	4844.000	48.76	39.55	7.77	25.66	42.64	54	-11.36	AV
V	7266.000	67.69	38.33	7.30	24.55	61.21	74	-12.79	PK
V	7266.000	48.47	38.33	7.30	24.55	41.99	54	-12.01	AV
V	15450.00	51.86	35.23	6.60	26.59	49.82	74	-24.18	PK
H	4844.000	68.92	39.55	7.77	25.66	62.80	74	-11.20	PK
H	4844.000	49.49	39.55	7.77	25.66	43.37	54	-10.63	AV
H	7266.000	69.90	38.33	7.30	23.55	62.42	74	-11.58	PK
H	7266.000	52.66	38.33	7.30	23.22	44.85	54	-9.15	AV
H	15450.00	48.54	35.45	6.60	27.88	47.57	74	-26.43	PK
operation frequency:2437									
V	4874.00	66.90	38.89	7.57	25.45	61.03	74	-12.97	PK
V	4874.00	49.78	38.89	7.57	25.45	43.91	54	-10.09	AV
V	7311.00	67.80	38.78	7.35	24.78	61.15	74	-12.85	PK
V	7311.00	47.85	38.78	7.35	24.78	41.20	54	-12.80	AV
V	15450.00	52.47	35.89	6.42	26.47	49.47	74	-24.53	PK
H	4874.00	65.36	38.89	7.57	25.45	59.49	74	-14.51	PK
H	4874.00	49.78	38.89	7.57	25.45	43.91	54	-10.09	AV
H	7311.00	70.11	38.78	7.35	24.78	63.46	74	-10.54	PK
H	7311.00	48.34	38.78	7.35	24.78	41.69	54	-12.31	AV
H	15450.00	49.57	36.68	6.42	26.65	45.96	74	-28.04	PK
operation frequency:2452									
V	4904.00	68.72	38.75	7.38	25.45	62.80	74	-11.20	PK
V	4904.00	50.46	38.75	7.38	25.45	44.54	54	-9.46	AV
V	7356.00	67.78	38.65	7.15	24.78	61.06	74	-12.94	PK
V	7356.00	50.05	38.65	7.15	24.78	43.33	54	-10.67	AV
V	15450.00	53.56	35.58	6.25	26.47	50.70	74	-23.30	PK
H	4904.00	66.86	38.75	7.38	25.45	60.94	74	-13.06	PK
H	4904.00	51.05	38.75	7.38	25.45	45.13	54	-8.87	AV
H	7356.00	69.91	38.65	7.15	24.78	63.19	74	-10.81	PK
H	7356.00	48.67	38.65	7.15	24.78	41.95	54	-12.05	AV
H	15450.00	50.48	36.42	6.25	26.65	46.96	74	-27.04	PK

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.

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2402									
V	4804.00	59.29	38.53	7.78	23.25	51.79	74	-22.21	PK
V	4804.00	45.68	38.53	7.78	23.25	38.18	54	-15.82	AV
V	7206.00	67.77	38.33	7.52	24.55	61.51	74	-12.49	PK
V	7206.00	48.07	38.33	7.52	24.55	41.81	54	-12.19	AV
V	16132.00	49.88	38.75	10.36	26.57	48.06	74	-25.94	PK
H	4804.00	60.12	38.53	7.78	23.25	52.62	74	-21.38	PK
H	4804.00	45.56	38.53	7.78	23.25	38.06	54	-15.94	AV
H	7206.00	68.81	38.33	7.52	23.55	61.55	74	-12.45	PK
H	7206.00	52.06	38.33	7.52	23.22	44.47	54	-9.53	AV
H	16132.00	49.62	38.75	10.36	26.57	47.80	74	-26.20	PK
operation frequency:2440									
V	4880.00	60.22	38.65	7.78	23.61	52.96	74	-21.04	PK
V	4880.00	45.72	38.65	7.78	23.61	38.46	54	-15.54	AV
V	7320.00	66.83	38.78	7.35	24.78	60.18	74	-13.82	PK
V	7320.00	47.07	38.78	7.35	24.78	40.42	54	-13.58	AV
V	16132.00	48.13	38.75	10.36	26.57	46.31	74	-27.69	PK
H	4880.00	61.28	38.65	7.78	23.61	54.02	74	-19.98	PK
H	4880.00	46.44	38.65	7.78	23.61	39.18	54	-14.82	AV
H	7320.00	69.20	38.78	7.35	24.78	62.55	74	-11.45	PK
H	7320.00	48.42	38.78	7.35	24.78	41.77	54	-12.23	AV
H	16132.00	49.79	38.75	10.36	26.57	47.97	74	-26.03	PK
operation frequency:2480									
V	4960.00	61.03	38.69	7.78	23.83	53.95	74	-20.05	PK
V	4960.00	46.00	38.69	7.78	23.83	38.92	54	-15.08	AV
V	7440.00	67.22	38.65	7.22	24.78	60.57	74	-13.43	PK
V	7440.00	49.17	38.65	7.22	24.78	42.52	54	-11.48	AV
V	16132.00	50.02	38.75	10.36	26.57	48.20	74	-25.80	PK
H	4960.00	61.23	38.69	7.78	23.83	54.15	74	-19.85	PK
H	4960.00	46.03	38.69	7.78	23.83	38.95	54	-15.05	AV
H	7440.00	68.73	38.65	7.22	24.78	62.08	74	-11.92	PK
H	7440.00	47.98	38.65	7.22	24.78	41.33	54	-12.67	AV
H	16132.00	50.34	38.75	10.36	26.57	48.52	74	-25.48	PK

Remark:

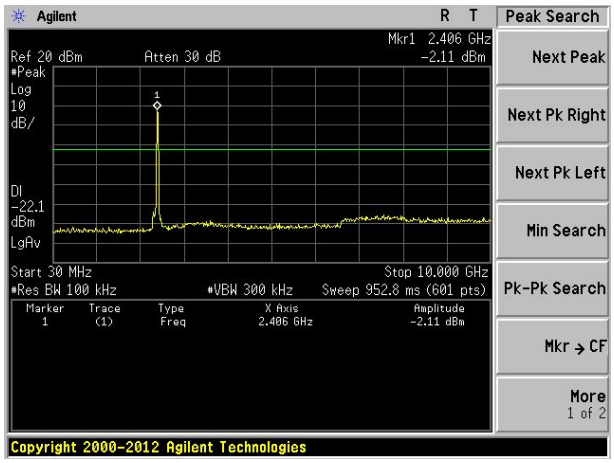
1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

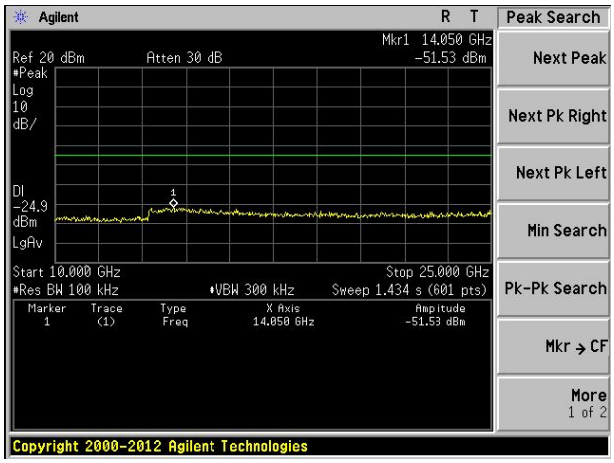
For Conducted

we pretest all mode, the worst mode was 802.11b, and the data only show the worst mode data.

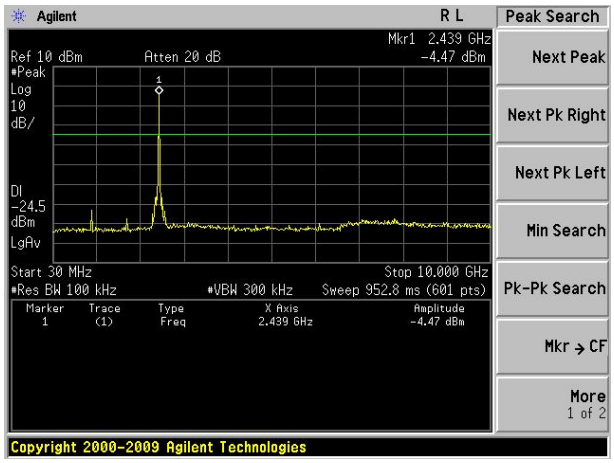
802.11b

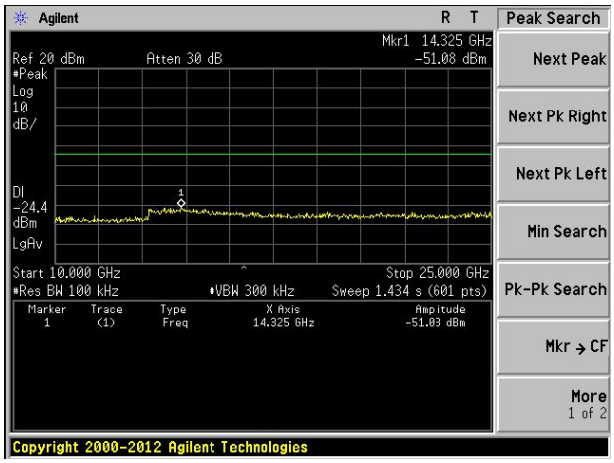
2412MHz



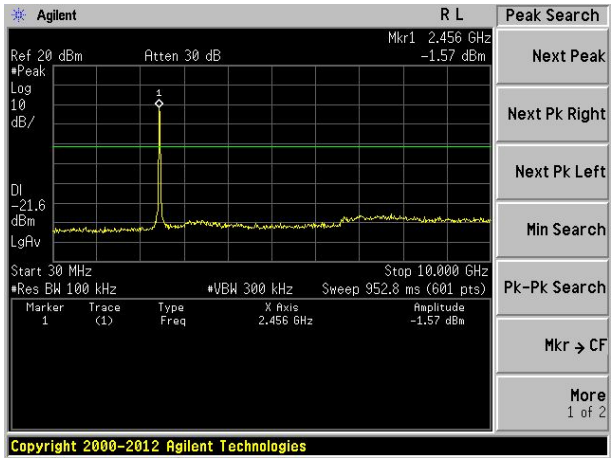


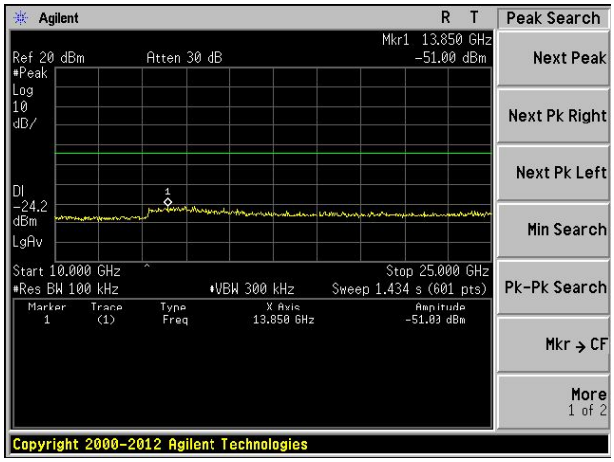
2437MHz





2462MHz





3.3 RADIATED BAND EMISSION MEASUREMENT

3.3.1 TEST REQUIREMENT:

FCC Part15 C Section 15.209 and 15.205

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	2300MHz
Stop Frequency	2520
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

3.3.2 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 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.

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

Note:

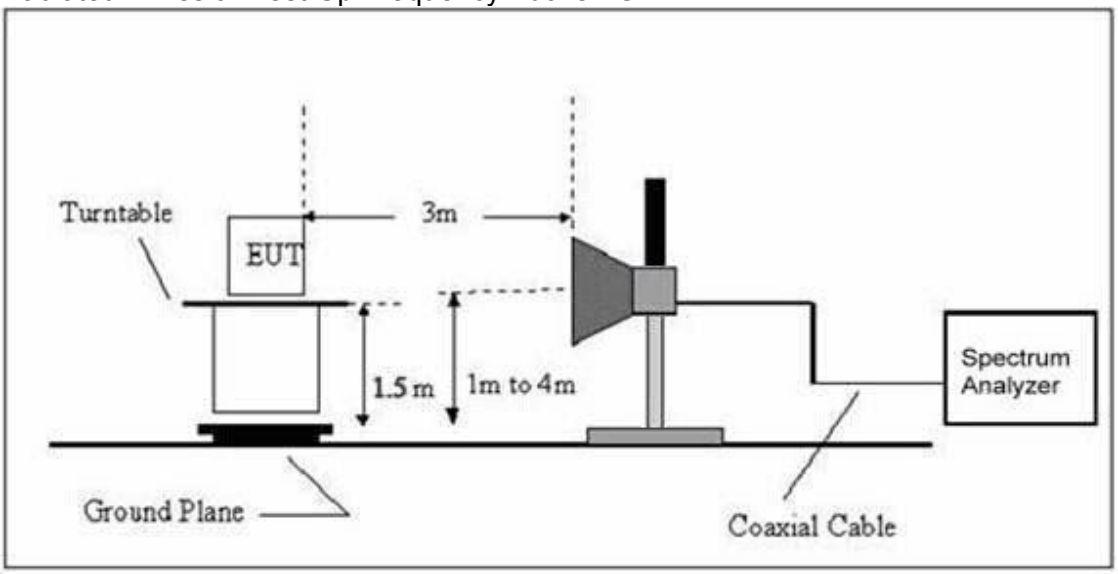
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

3.3.3 DEVIATION FROM TEST STANDARD

No deviation

3.3.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



3.3.5 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.

3.3.6 TEST RESULT

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission evel (dBuV/m)	Limits (dBuV/m	Margin (dB)	Detector Type
802.11b operation frequency:2412									
V	2390.00	67.39	38.06	7.42	20.15	56.90	74	-17.10	PK
V	2390.00	55.98	38.06	7.42	20.15	45.49	54	-8.51	AV
V	2400.00	67.60	38.06	7.42	20.15	57.11	74	-16.89	PK
V	2400.00	55.56	38.06	7.42	20.15	45.07	54	-8.93	AV
H	2390.00	67.68	38.06	7.42	20.15	57.19	74	-16.81	PK
H	2390.00	56.01	38.06	7.42	20.15	45.52	54	-8.48	AV
H	2400.00	67.55	38.06	7.42	20.15	57.06	74	-16.94	PK
H	2400.00	55.95	38.06	7.42	20.15	45.46	54	-8.54	AV
802.11b operation frequency:2462									
V	2483.50	67.60	38.17	7.42	20.51	57.36	74	-16.64	PK
V	2483.50	56.23	38.17	7.42	20.51	45.99	54	-8.01	AV
V	2500.00	67.54	38.20	7.45	20.54	57.33	74	-16.67	PK
V	2500.00	55.67	38.20	7.45	20.54	45.46	54	-8.54	AV
H	2483.50	67.72	38.17	7.42	20.51	57.48	74	-16.52	PK
H	2483.50	56.27	38.17	7.42	20.51	46.03	54	-7.97	AV
H	2500.00	67.34	38.20	7.45	20.54	57.13	74	-16.87	PK
H	2500.00	56.53	38.20	7.45	20.54	46.32	54	-7.68	AV
802.11g operation frequency:2412									
V	2390.00	67.55	38.06	7.42	20.15	57.06	74	-16.94	PK
V	2390.00	56.12	38.06	7.42	20.15	45.63	54	-8.37	AV
V	2400.00	67.76	38.06	7.42	20.15	57.27	74	-16.73	PK
V	2400.00	55.69	38.06	7.42	20.15	45.20	54	-8.80	AV
H	2390.00	67.84	38.06	7.42	20.15	57.35	74	-16.65	PK
H	2390.00	56.15	38.06	7.42	20.15	45.66	54	-8.34	AV
H	2400.00	67.71	38.06	7.42	20.15	57.22	74	-16.78	PK
H	2400.00	56.08	38.06	7.42	20.15	45.59	54	-8.41	AV
802.11g operation frequency:2462									
V	2483.50	67.76	38.17	7.42	20.51	57.52	74	-16.48	PK
V	2483.50	56.37	38.17	7.42	20.51	46.13	54	-7.87	AV
V	2500.00	67.70	38.20	7.45	20.54	57.49	74	-16.51	PK
V	2500.00	55.80	38.20	7.45	20.54	45.59	54	-8.41	AV
H	2483.50	67.88	38.17	7.42	20.51	57.64	74	-16.36	PK
H	2483.50	56.41	38.17	7.42	20.51	46.17	54	-7.83	AV
H	2500.00	67.50	38.20	7.45	20.54	57.29	74	-16.71	PK
H	2500.00	56.67	38.20	7.45	20.54	46.46	54	-7.54	AV

Remark:

1. Emission Level = Meter Reading + Factor, 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.

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission evel (dBuV/m)	Limits (dBuV/m	Margin (dB)	Detector Type
802.11n(20MHz) operation frequency:2412									
V	2390.00	67.73	38.06	7.42	20.15	57.24	74	-16.76	PK
V	2390.00	56.29	38.06	7.42	20.15	45.80	54	-8.20	AV
V	2400.00	67.96	38.06	7.42	20.15	57.47	74	-16.53	PK
V	2400.00	55.84	38.06	7.42	20.15	45.35	54	-8.65	AV
H	2390.00	68.04	38.06	7.42	20.15	57.55	74	-16.45	PK
H	2390.00	56.32	38.06	7.42	20.15	45.83	54	-8.17	AV
H	2400.00	67.89	38.06	7.42	20.15	57.40	74	-16.60	PK
H	2400.00	56.25	38.06	7.42	20.15	45.76	54	-8.24	AV
802.11n(20MHz) operation frequency:2462									
V	2483.50	67.96	38.17	7.42	20.51	57.72	74	-16.28	PK
V	2483.50	56.53	38.17	7.42	20.51	46.29	54	-7.71	AV
V	2500.00	67.88	38.20	7.45	20.54	57.67	74	-16.33	PK
V	2500.00	55.95	38.20	7.45	20.54	45.74	54	-8.26	AV
H	2483.50	68.08	38.17	7.42	20.51	57.84	74	-16.16	PK
H	2483.50	56.57	38.17	7.42	20.51	46.33	54	-7.67	AV
H	2500.00	67.68	38.20	7.45	20.54	57.47	74	-16.53	PK
H	2500.00	56.82	38.20	7.45	20.54	46.61	54	-7.39	AV
802.11n(40MHz) operation frequency:2422									
V	2390.00	67.60	38.06	7.42	20.15	57.11	74	-16.89	PK
V	2390.00	56.16	38.06	7.42	20.15	45.67	54	-8.33	AV
V	2400.00	67.81	38.06	7.42	20.15	57.32	74	-16.68	PK
V	2400.00	55.73	38.06	7.42	20.15	45.24	54	-8.76	AV
H	2390.00	67.89	38.06	7.42	20.15	57.40	74	-16.60	PK
H	2390.00	56.19	38.06	7.42	20.15	45.70	54	-8.30	AV
H	2400.00	67.76	38.06	7.42	20.15	57.27	74	-16.73	PK
H	2400.00	56.12	38.06	7.42	20.15	45.63	54	-8.37	AV
802.11n(40MHz) operation frequency:2452									
V	2483.50	67.81	38.17	7.42	20.51	57.57	74	-16.43	PK
V	2483.50	56.40	38.17	7.42	20.51	46.16	54	-7.84	AV
V	2500.00	67.75	38.20	7.45	20.54	57.54	74	-16.46	PK
V	2500.00	55.84	38.20	7.45	20.54	45.63	54	-8.37	AV
H	2483.50	67.93	38.17	7.42	20.51	57.69	74	-16.31	PK
H	2483.50	56.44	38.17	7.42	20.51	46.20	54	-7.80	AV
H	2500.00	67.55	38.20	7.45	20.54	57.34	74	-16.66	PK
H	2500.00	56.71	38.20	7.45	20.54	46.50	54	-7.50	AV

Remark:

1. Emission Level = Meter Reading + Factor, 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.

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission evel (dBuV/m)	Limits (dBuV/m	Margin (dB)	Detector Type
BT operation frequency:2402									
V	2390.00	67.44	38.06	7.42	20.15	56.95	74	-17.05	PK
V	2390.00	56.05	38.06	7.42	20.15	45.56	54	-8.44	AV
V	2400.00	67.66	38.06	7.42	20.15	57.17	74	-16.83	PK
V	2400.00	55.60	38.06	7.42	20.15	45.11	54	-8.89	AV
H	2390.00	67.74	38.06	7.42	20.15	57.25	74	-16.75	PK
H	2390.00	56.08	38.06	7.42	20.15	45.59	54	-8.41	AV
H	2400.00	67.60	38.06	7.42	20.15	57.11	74	-16.89	PK
H	2400.00	56.01	38.06	7.42	20.15	45.52	54	-8.48	AV
BT operation frequency:2480									
V	2483.50	67.66	38.17	7.42	20.51	57.42	74	-16.58	PK
V	2483.50	56.28	38.17	7.42	20.51	46.04	54	-7.96	AV
V	2500.00	67.59	38.20	7.45	20.54	57.38	74	-16.62	PK
V	2500.00	55.71	38.20	7.45	20.54	45.50	54	-8.50	AV
H	2483.50	67.78	38.17	7.42	20.51	57.54	74	-16.46	PK
H	2483.50	56.32	38.17	7.42	20.51	46.08	54	-7.92	AV
H	2500.00	67.39	38.20	7.45	20.54	57.18	74	-16.82	PK
H	2500.00	56.57	38.20	7.45	20.54	46.36	54	-7.64	AV

Remark:

1. Emission Level = Meter Reading + Factor, 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.