



FCC TEST REPORT

according to

FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009

Applicant	: DXG Technology Corp.
Address	: 15Fl., No. 4, Sec. 3, Ming-Chuan East Road, Taipei, Taiwan, R.O.C.
Equipment	: HD Action Camcorder
Model No.	: DVS5M9
Trade Name	: DXG
FCC ID	: RD2DS5M9001

- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **Cerpass Technology Corp.** the test report shall not be reproduced except in full.

Laboratory Accreditation





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History of this test report

■ ORIGINAL.

☐ Additional attachment as following record:

[illegible]



CERTIFICATE OF COMPLIANCE

according to

FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009

Applicant	: DXG Technology Corp.
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Equipment	: HD Action Camcorder
Model No.	: DVS5M9
FCC ID	: RD2DS5M9001

I HEREBY CERTIFY THAT :

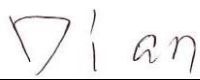
The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4**. The equipment was **passed** the test performed according to **FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009**.

The sample was received on Oct. 02, 2014 and the testing was carried out on Oct. 24, 2014 at **CerpPASS Technology Corp.**

Approved by:

Tested by:


Hill Chen
EMC/RF B.U. Assistant Manager


Aiden Lu
Engineer



1. Report of Measurements and Examinations

1.1. List of Measurements and Examinations

FCC Rule	Test Type	Result	Remark
15.207	Conducted Emission	Pass	Minimum Passing margin is (AVG) -23.96dB at 0.690 MHz
15.209 15.249	Radiated Emission	Pass	Minimum Passing margin is -4.87dB at 792.4199 MHz

Note: the information of measurement uncertainty is available upon the customer's request.

2. Test Configuration of Equipment under Test

2.1. General Description of EUT

EUT	HD Action Camcorder
Model No.	DVS5M9
Power Supply	5Vdc from adapter or host equipment 3.7Vdc from battery
Modulation Type	GFSK
Transfer Rate	250kbps, 1Mbps, 2Mbps
Operating Frequency	2403 ~ 2479MHz
Number of Channel	77
Antenna Type	Helical Antenna: 0.5dBi
Antenna Connector	NGFF
Data Cable	1m shielded USB cable with core 1m shielded HDMI cable with core
I/O Ports	Refer to user's manual
Accessory Device	Adapter, Battery

Note:

1. The EUT provides one completed transmitter and one receiver.

Modulation Mode	TX Function
802.11b	1TX
802.11g	1TX
802.11n HT20	1TX
802.11n HT40	1TX



2. The EUT consumes power from the following adapter and battery.

Adapter	
Brand	AMIGO
Model	AMS47-0501000FU
Input Power	100-240V ~ 50/60Hz 0.2A
Output Power	5Vdc, 1.0A

Battery	
Brand	FUJI ELECTRONICS (SHENZHEN) CO., LTD.
Model	FJ-SLB-10A
Power Rating	3.7V, 1130mAh, 4.18Wh

3. The EUT uses the following accessory.

Item	Brand	Model
Watch	DXG	RCWD01
Watch	DXG	RCW5K8

4. The EUT's highest operating frequency is 2.4GHz.

2.2. Feature of Equipment under Test

OLED Screen Display	0.68"
Storage (Memory)	Micro SD, up to 32GB SDHC Class 6
Image Quality	Optics: Ultra-sharp F/ no=2.4, f=2.4mm Focus range: 0.4m ~ infinity Field of view: Wide
Video	1080p (16:9): 30 fps 960p (4:3): 30 fps 720p (16:9): 60, 30 fps WVGA (16:9): 60, 30 fps VGA: 90 fps Time lapse: 3, 5, 10, 30, 60 seconds Video format: H. 264 (AVI)
Still Image	Resolution: 16MP, 5MP, 3MP, 2MP Burst: 3, 5, 10 Self-timer: 2, 5, 10 seconds Interval shooting: 3, 5, 10, 30, 60 seconds Photo format: JPEG (exif 2.2)
White Balance	Auto
Looping Video	Yes
Average Record Time	Video (1080p30): about 90 minutes, Photo (16MP): about 250 photos
Auto Power Off	1, 3, 5, 10, 30, 60 minutes
Inputs/Outputs	Micro USB, Mini HDMI
Battery	1130mAh rechargeable Li-ion
Dimensions	39.0 (H) x 54.3 (W) x 21 (D) mm (without lens)
Weight	Approx. 46±3g (without waterproof case)



2.3. Carrier Frequency of Channels

Channel	Frequency(MHz)	Channel	Frequency(MHz)
1	2403	40	2442
2	2404	41	2443
*3	2405	42	2444
4	2406	*43	2445
5	2407	44	2446
6	2408	45	2447
7	2409	46	2448
8	2410	47	2449
9	2411	48	2450
10	2412	49	2451
11	2413	50	2452
12	2414	51	2453
13	2415	52	2454
14	2416	53	2455
15	2417	54	2456
16	2418	55	2457
17	2419	56	2458
18	2420	57	2459
19	2421	58	2460
20	2422	59	2461
21	2423	60	2462
22	2424	61	2463
23	2425	62	2464
24	2426	63	2465
25	2427	64	2466
26	2428	65	2467
27	2429	66	2468
28	2430	67	2469
29	2431	68	2470
30	2432	69	2471
31	2433	70	2472
32	2434	71	2473
33	2435	72	2474
34	2436	73	2475
35	2437	74	2476
36	2438	75	2477
37	2439	76	2478
38	2440	*77	2479
39	2441		

Note: Channels remarked “*” are selected to perform test.



2.4. Test Mode and Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- b. The complete test system included EUT for RF test.
- c. An executive program, "Hyper Terminal" under WIN XP was executed to transmit and receive data via WLAN.
- d. The following test mode were performed for conduction and radiation test:

<Conduction>

Test Mode 1. Charge, Power by Adapter

- GFSK CH03 (Transmitting / Receive)

<Radiation: Fundamental Emission>

Test Mode 1. REC., Power by DC 3.7V

- GFSK CH03, CH43, CH77 (Transmitting / Receive)

<Radiation: 30MHz ~ 1GHz>

Test Mode 1. Charge, Power by Adapter

Test Mode 2. REC., Power by DC 3.7V

- GFSK CH03 (Transmitting / Receive)

<Radiation: 1GHz ~ 13GHz>

Test Mode 1. REC., Power by DC 3.7V

- GFSK CH03, CH43, CH77 (Transmitting / Receive)

<Radiation: Band Edges>

Test Mode 1. REC., Power by DC 3.7V

- GFSK CH03, CH77 (Transmitting / Receive)

2.5. Description of Test System

No supporting system during the test.



3. General Information of Test

Test Site :	Cerpass Technology Corporation Test Laboratory No.10, Lane 2, Lianfu Street, Luzhu Township, Taoyuan County 33848, Taiwan, R.O.C.
Test Site Location :	No.68-1, Shihbachongsi, Shihding Township, New Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	☐ TW1079, ☒ TW1061, ☐ 390316, ☒ 228391, ☐ 641184
IC Registration Number :	☐ 4934B-1, ☒ 4934E-1, ☐ 4934E-2
VCCI Registration Number :	☒ T-2205 for Telecommunication Test ☒ C-4463 for Conducted emission test ☒ R-3428 for Radiated emission test ☒ G-812 for radiated disturbance above 1GHz ☐ G-813 for radiated disturbance above 1GHz
Frequency Range Investigated :	Conducted Emission Test: from 150 kHz to 30 MHz Radiated Emission Test: from 30 MHz to 13,000 MHz
Modulation Type:	GFSK
Test Distance:	The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.



4. Test of Conducted Emission

4.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

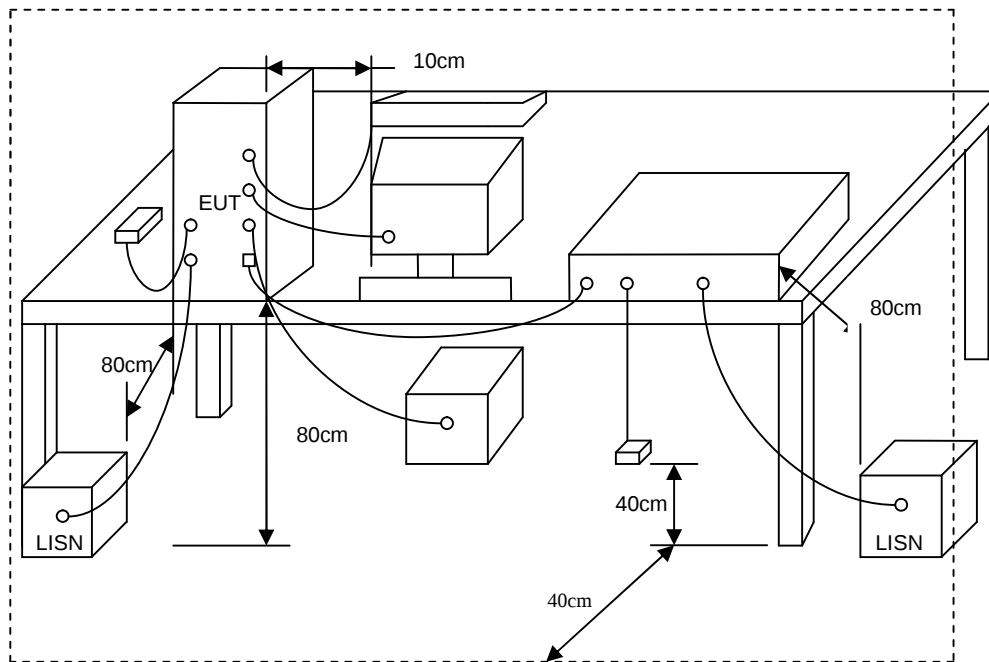
*Decreases with the logarithm of the frequency.

4.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



4.3. Typical Test Setup



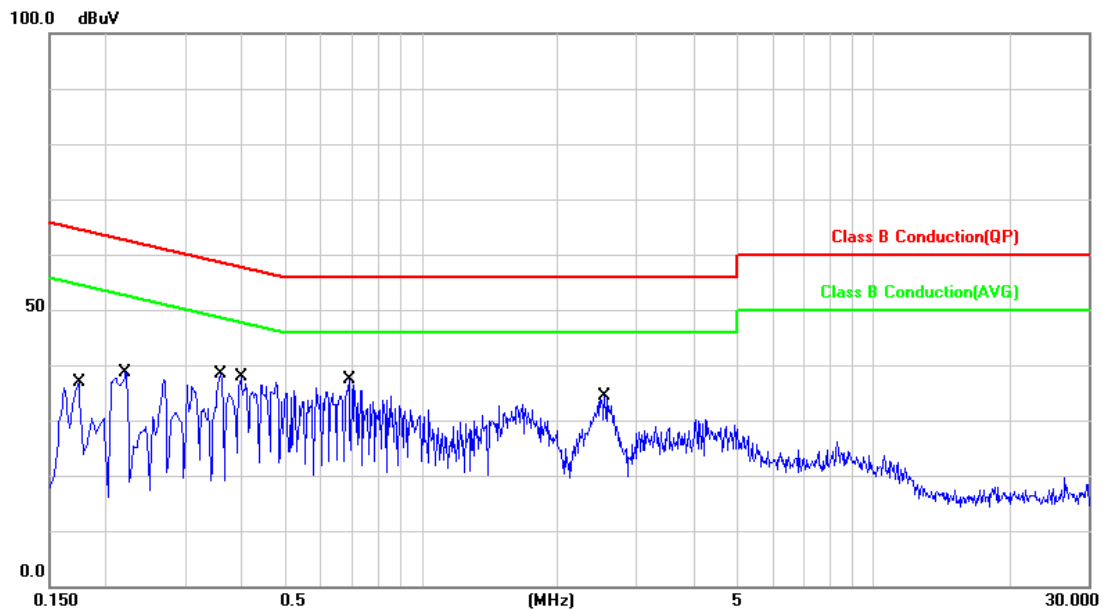
4.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	101423	2014/06/05	2015/06/04
LISN	Schwarzbeck	NSLK 8127	8127-740	2014/08/14	2015/08/13
LISN	Schwarzbeck	NSLK 8127	8127-516	2014/03/10	2015/03/09
Pulse Limiter	R&S	ESH3-Z2	101933	2014/08/12	2015/08/11
Software	Farad	Ez-EMC	ver.ct3a1	N/A	N/A



4.5. Test Result and Data

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: Transmitting / Receive	Temperature	: 26 °C
Test Date	: Oct. 02, 2014	Humidity	: 48 %
Memo	: GFSK	Atmospheric Pressure	: 1008 hpa

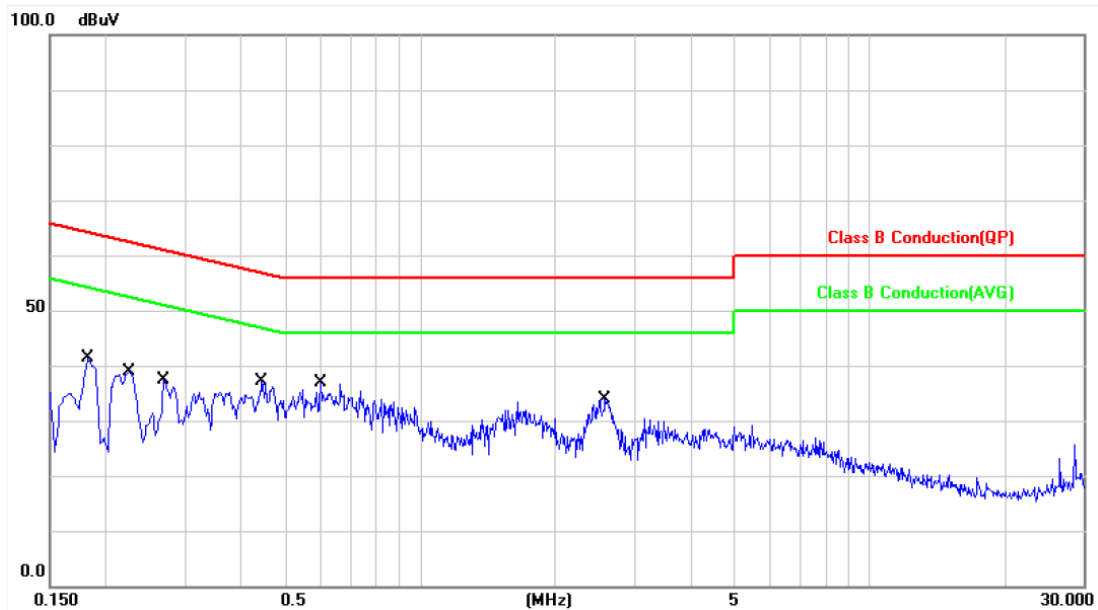


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1740	9.92	21.62	31.54	64.76	-33.22	QP	P
2	0.1740	9.92	7.48	17.40	54.76	-37.36	AVG	P
3	0.2220	9.92	24.12	34.04	62.74	-28.70	QP	P
4	0.2220	9.92	7.44	17.36	52.74	-35.38	AVG	P
5	0.3580	9.92	23.30	33.22	58.77	-25.55	QP	P
6	0.3580	9.92	8.57	18.49	48.77	-30.28	AVG	P
7	0.3980	9.92	23.16	33.08	57.89	-24.81	QP	P
8	0.3980	9.92	9.97	19.89	47.89	-28.00	AVG	P
9	0.6900	9.94	22.10	32.04	56.00	-23.96	QP	P
10	0.6900	9.94	8.87	18.81	46.00	-27.19	AVG	P
11	2.5500	10.05	18.27	28.32	56.00	-27.68	QP	P
12	2.5500	10.05	6.40	16.45	46.00	-29.55	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: Transmitting / Receive	Temperature	: 26 °C
Test Date	: Oct. 02, 2014	Humidity	: 48 %
Memo	: GFSK	Atmospheric Pressure	: 1008 hpa



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1819	9.91	25.11	35.02	64.39	-29.37	QP	P
2	0.1819	9.91	8.70	18.61	54.39	-35.78	AVG	P
3	0.2260	9.91	20.29	30.20	62.59	-32.39	QP	P
4	0.2260	9.91	3.11	13.02	52.59	-39.57	AVG	P
5	0.2700	9.91	22.25	32.16	61.12	-28.96	QP	P
6	0.2700	9.91	5.45	15.36	51.12	-35.76	AVG	P
7	0.4460	9.92	20.05	29.97	56.95	-26.98	QP	P
8	0.4460	9.92	10.33	20.25	46.95	-26.70	AVG	P
9	0.6020	9.92	15.46	25.38	56.00	-30.62	QP	P
10	0.6020	9.92	4.91	14.83	46.00	-31.17	AVG	P
11	2.5860	10.05	10.47	20.52	56.00	-35.48	QP	P
12	2.5860	10.05	0.71	10.76	46.00	-35.24	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit



5. Test of Radiated Emission

5.1. Test Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.

Frequency (MHz)	Distance	Limit ($\mu\text{V}/\text{m}$)
0.09 ~ 0.490	300m	2400/F(kHz)
0.490 ~ 1.705	30m	24000/ F(kHz)
1.705 ~ 30	30m	30
30 ~ 88	3m	100
88 ~ 216	3m	150
216 ~ 960	3m	200
Above 960	3m	500

Fundamental Frequency:

Fundamental Frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
2400-2483.5	50	500
5725-5875	50	500
24000-24250	250	2500

5.2. Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- "Cone of radiation" has been considered to be 3dB beamwidth of the measurement antenna.

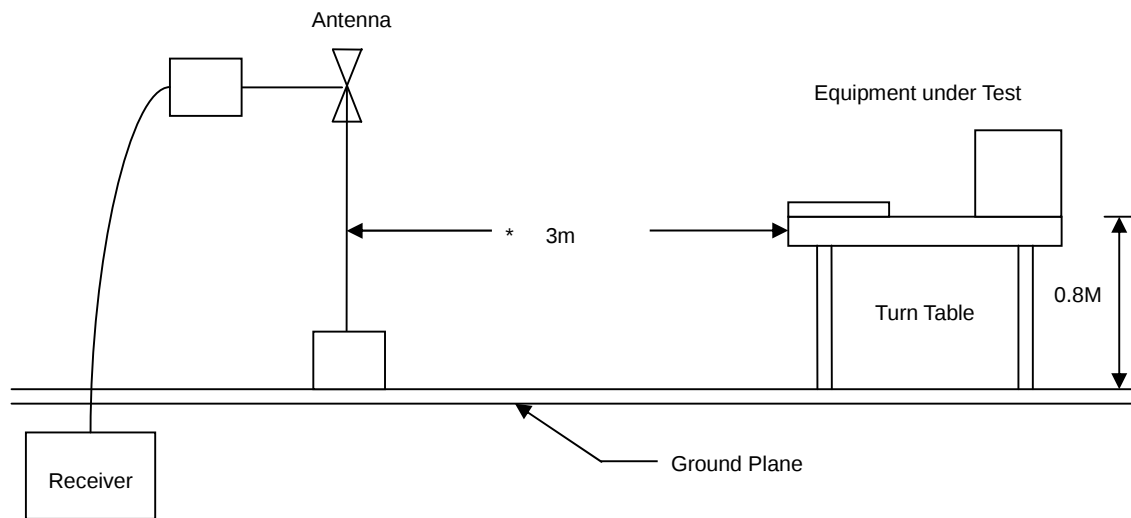
NOTE:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

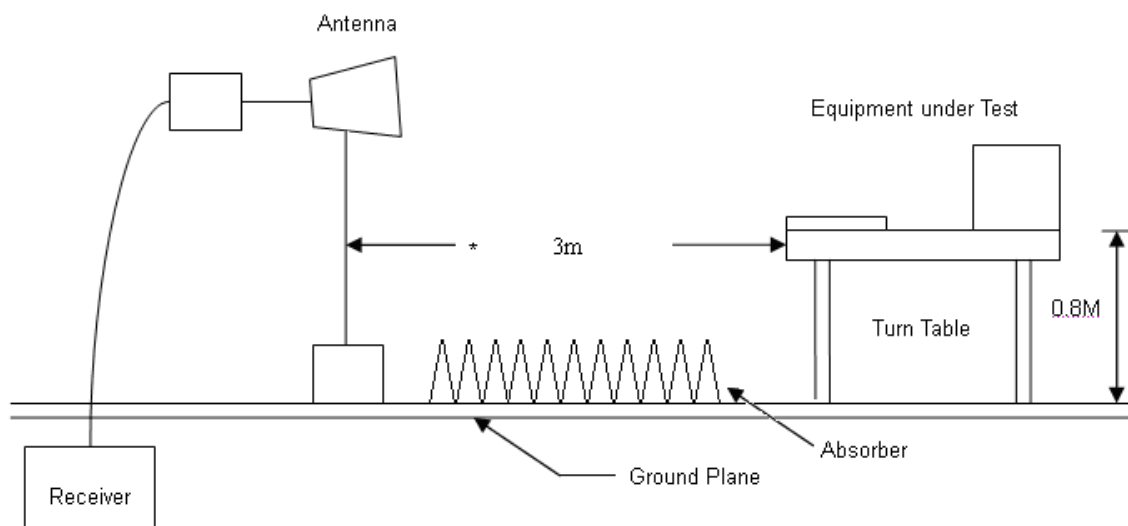


5.3. Typical Test Setup Layout of Radiated Emission

Below 1GHz Test Setup



Above 1GHz Test Setup



5.4. Measurement equipment

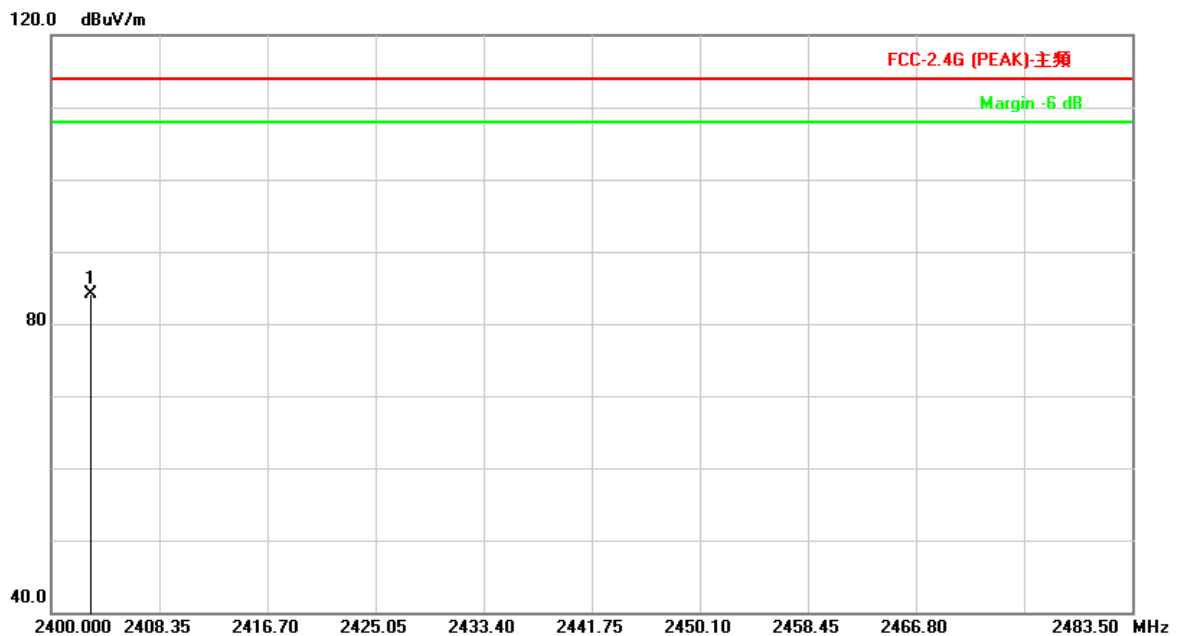
Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100443	2014/04/09	2015/04/08
Bilog Antenna	Schwarzbeck	VULB 9168	275	2014/09/18	2015/09/17
Amplifier	QuieTek	AP/0100A	CHM0906075	2014/09/17	2015/09/16
SPECTRUM ANALYZER	R&S	FSP40	100219	2014/09/03	2015/09/02
HORN ANTENNA	EMCO	3115	31601	2014/07/09	2015/07/08
PREAMPLIFIER	AGILENT	8449B	3008A01954	2014/03/28	2015/03/27
Software	Farad	Ez-EMC	ver.ct3a1	N/A	N/A



5.5. Test Result and Data

5.5.1. Test Result of Fundamental Emission

Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

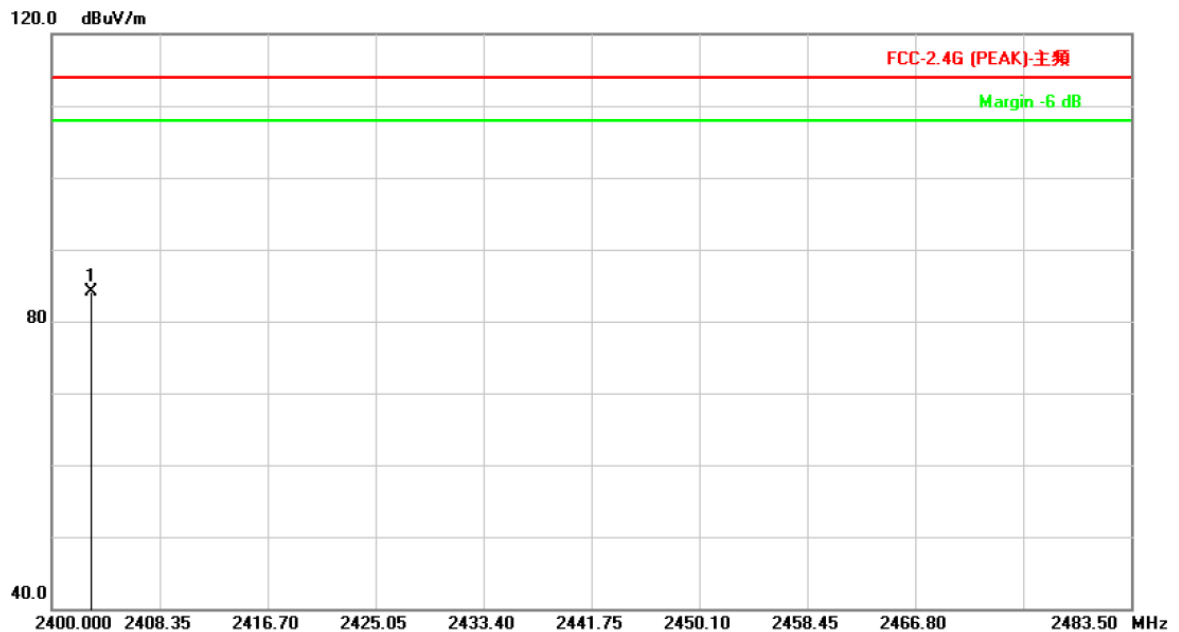


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2403.006	-1.13	85.27	84.14	114.00	-29.86	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level - Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

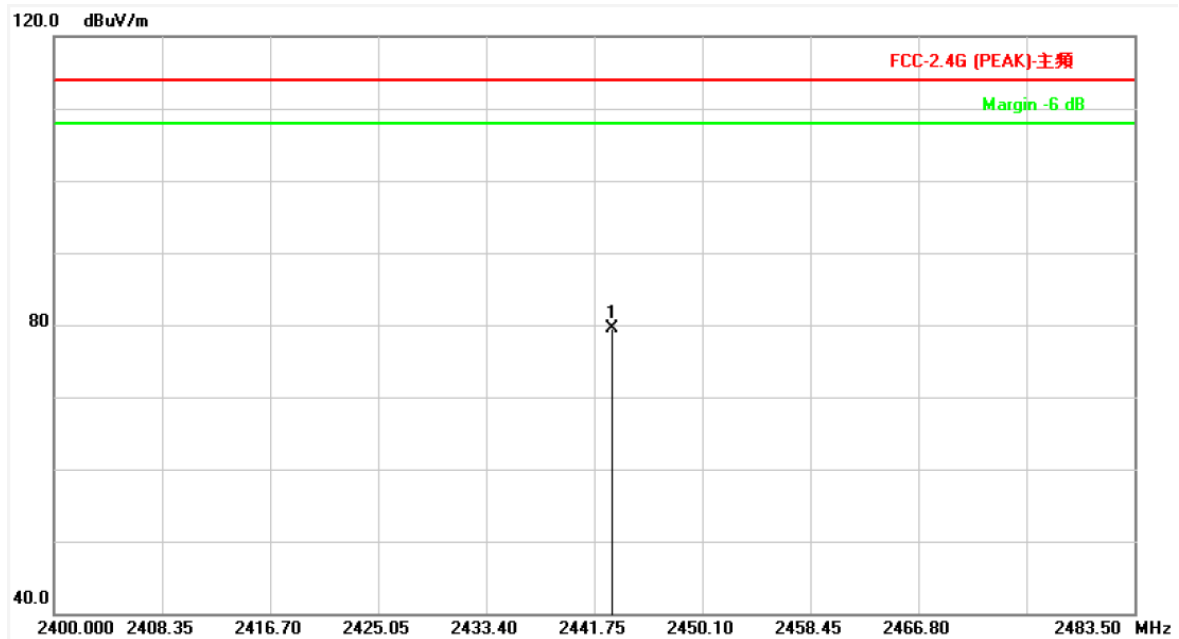


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2403.006	-1.13	85.29	84.16	114.00	-29.84	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level - Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH43)	Atmospheric Pressure	: 1010 hPa

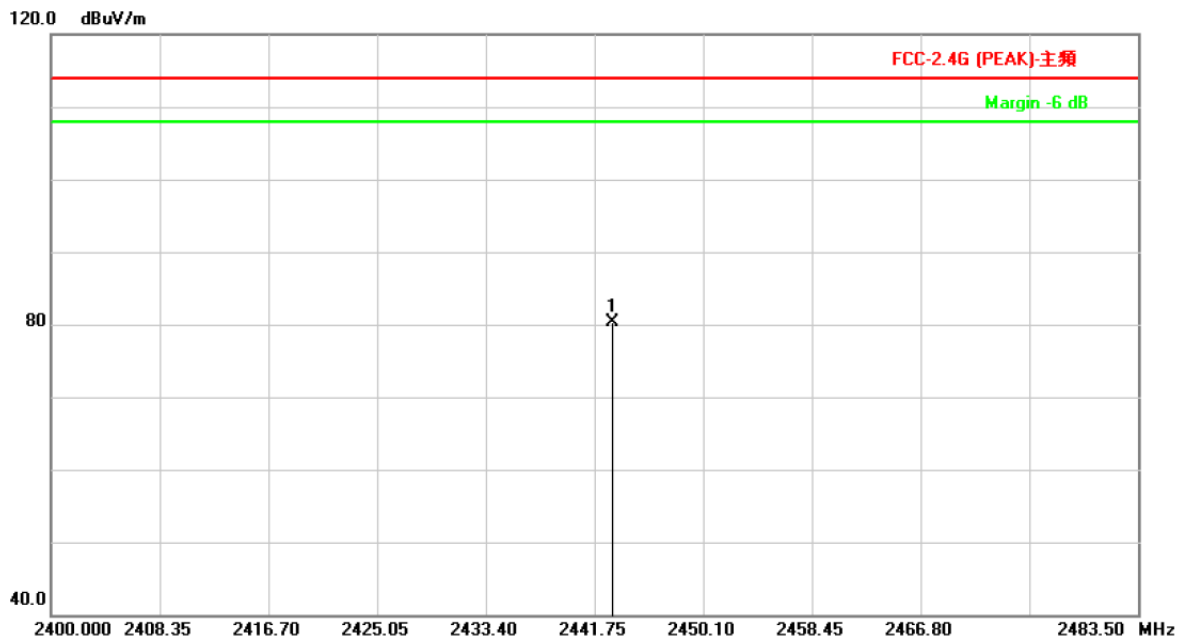


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2443.086	-0.98	80.52	79.54	114.00	-34.46	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level - Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH43)	Atmospheric Pressure	: 1010 hPa

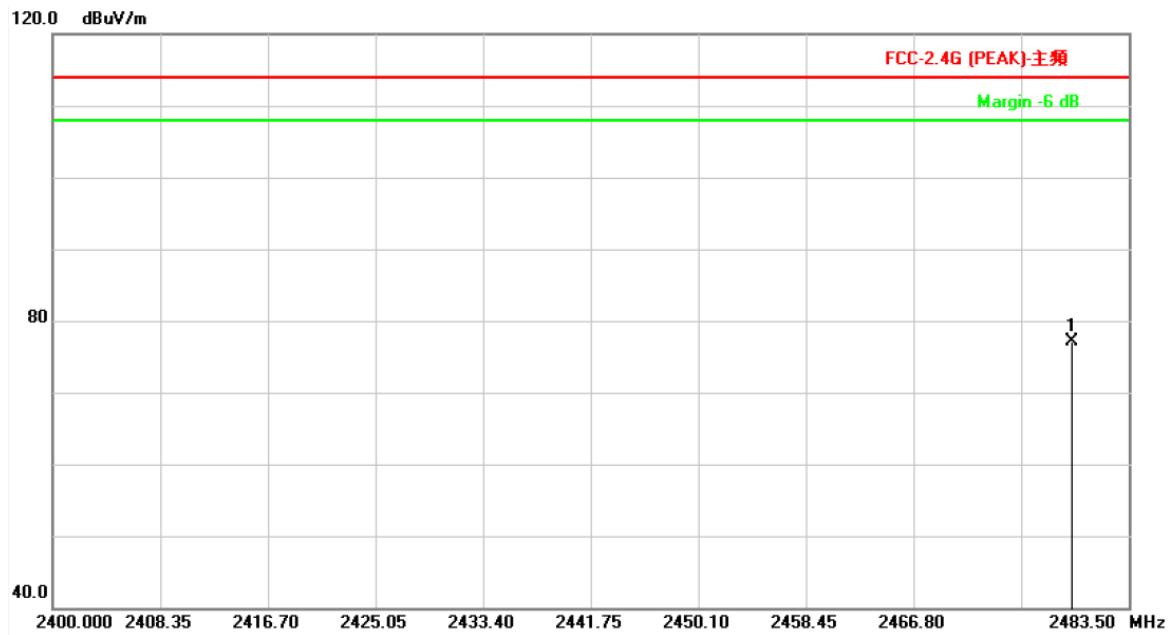


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2443.086	-0.98	81.36	80.38	114.00	-33.62	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa

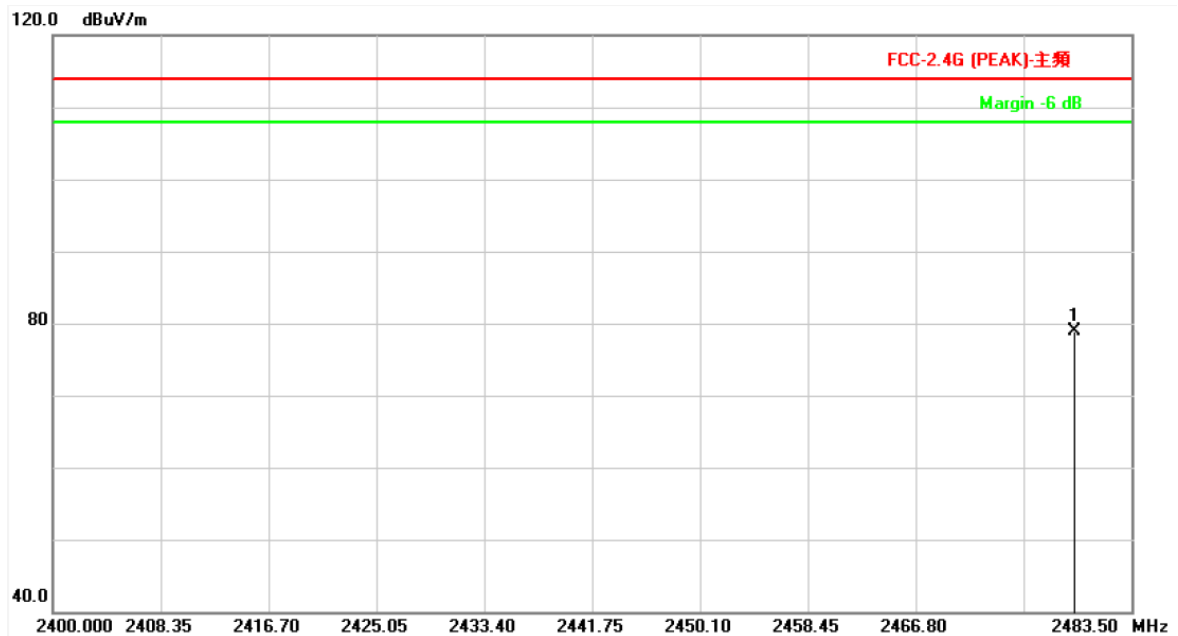


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2479.075	-0.84	78.00	77.16	114.00	-36.84	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level - Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa



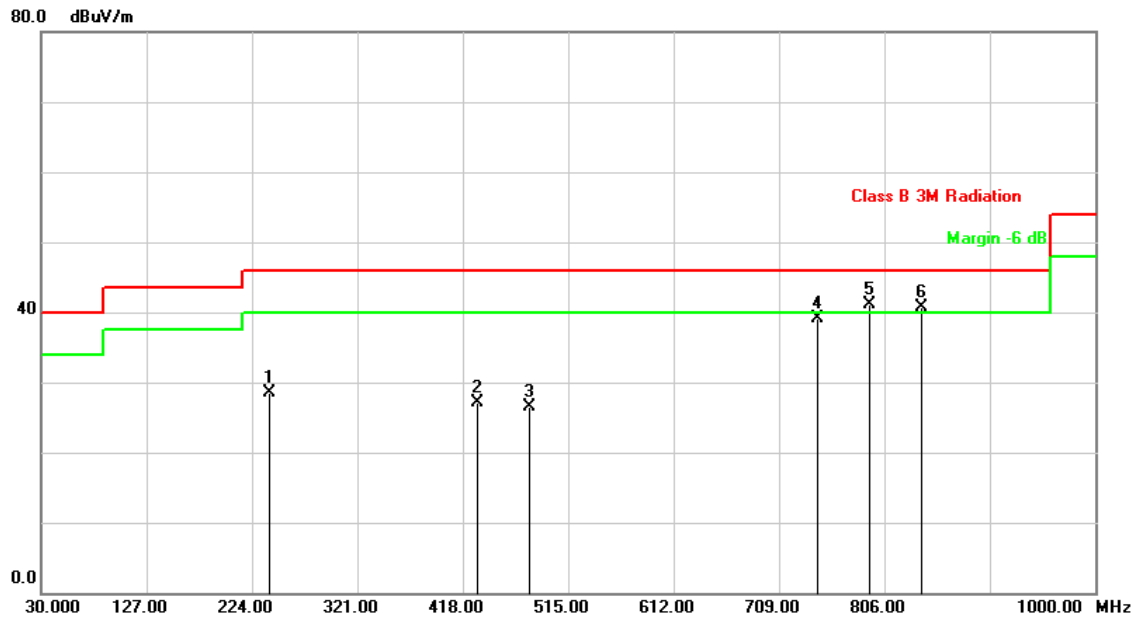
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2479.075	-0.84	79.65	78.81	114.00	-35.19	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



5.5.2. Test Result of Unwanted Spurious emission (30MHz ~ 1GHz)

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 24, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

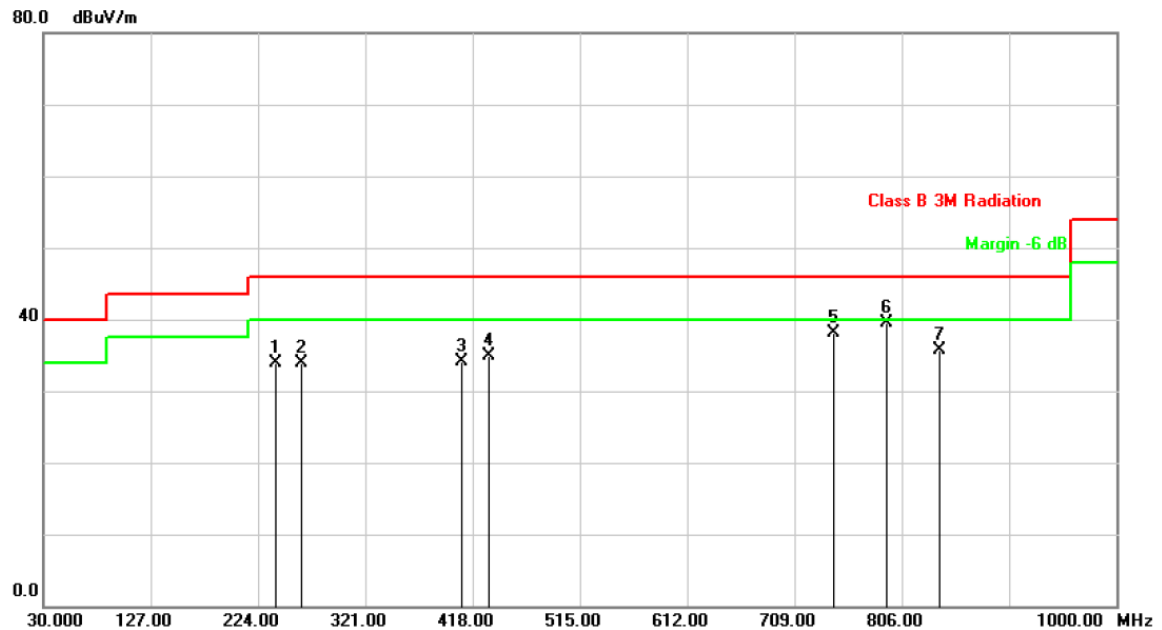


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	239.5200	-22.33	50.89	28.56	46.00	-17.44	peak	100	0	P
2	431.5799	-21.37	48.49	27.12	46.00	-18.88	peak	100	0	P
3	480.0799	-19.82	46.35	26.53	46.00	-19.47	peak	100	0	P
4	744.8899	-11.58	50.75	39.17	46.00	-6.83	peak	100	0	P
5	792.4199	-11.68	52.81	41.13	46.00	-4.87	QP	100	182	P
6	840.9199	-9.89	50.69	40.80	46.00	-5.20	QP	100	188	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 24, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

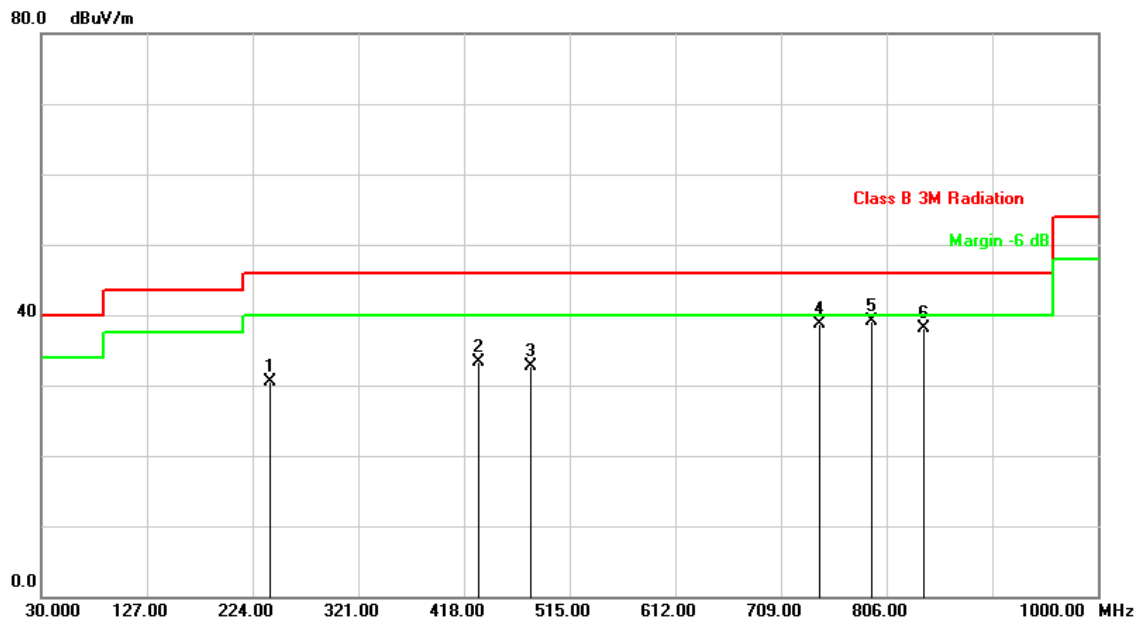


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	239.5200	-27.49	61.44	33.95	46.00	-12.05	peak	100	0	P
2	263.7699	-26.23	60.19	33.96	46.00	-12.04	peak	100	0	P
3	408.3000	-20.69	54.86	34.17	46.00	-11.83	peak	100	0	P
4	432.5500	-20.23	55.11	34.88	46.00	-11.12	peak	100	0	P
5	744.8899	-12.11	50.23	38.12	46.00	-7.88	peak	100	0	P
6	792.4199	-11.35	50.85	39.50	46.00	-6.50	peak	100	0	P
7	839.9500	-11.51	47.17	35.66	46.00	-10.34	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 24, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

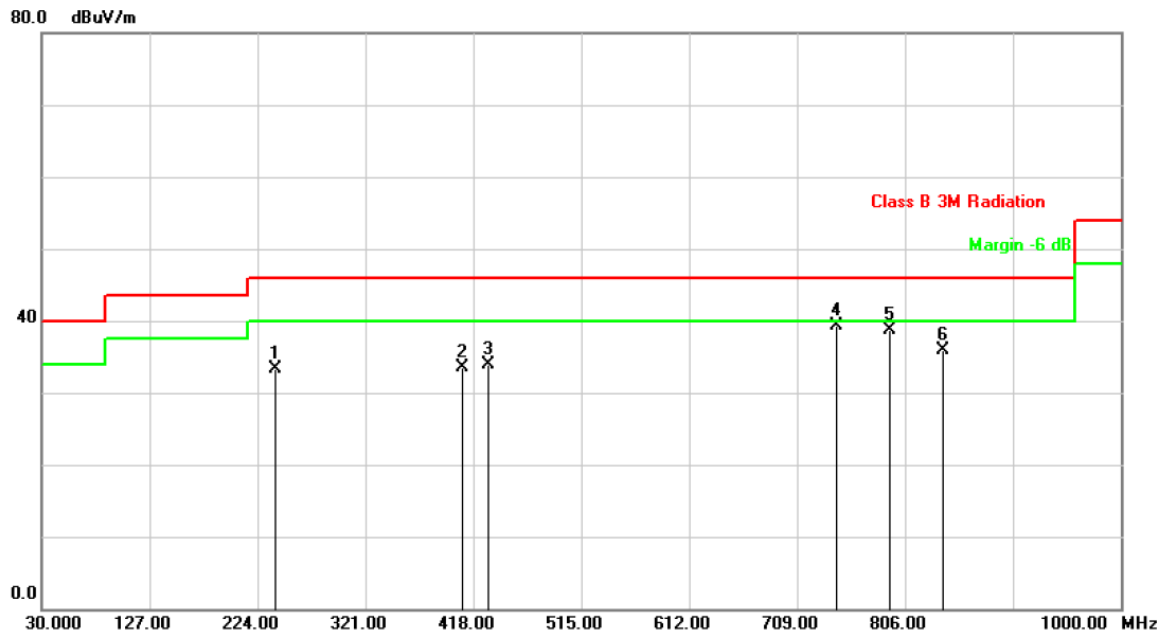


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	239.5200	-20.03	50.58	30.55	46.00	-15.45	peak	100	0	P
2	431.5799	-14.15	47.44	33.29	46.00	-12.71	peak	100	0	P
3	480.0799	-13.11	45.77	32.66	46.00	-13.34	peak	100	0	P
4	744.8899	-7.84	46.52	38.68	46.00	-7.32	peak	100	0	P
5	792.4199	-7.10	46.21	39.11	46.00	-6.89	peak	100	0	P
6	840.9199	-6.22	44.27	38.05	46.00	-7.95	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 24, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa



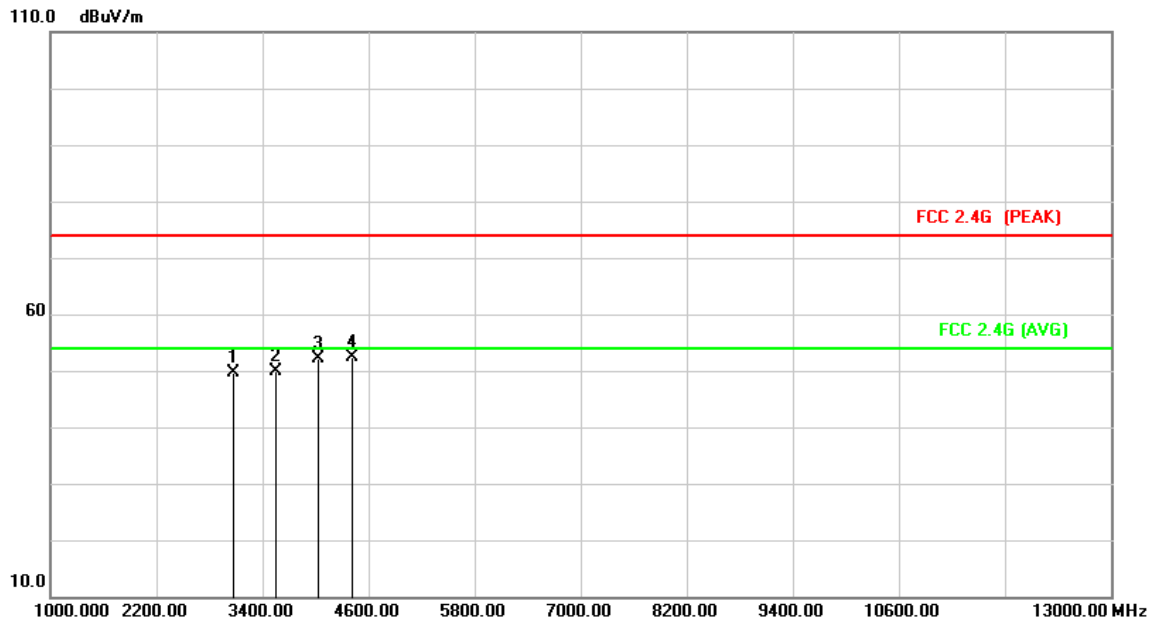
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	239.5200	-27.49	60.88	33.39	46.00	-12.61	peak	100	0	P
2	408.3000	-20.69	54.12	33.43	46.00	-12.57	peak	100	0	P
3	431.5799	-20.26	54.23	33.97	46.00	-12.03	peak	100	0	P
4	744.8899	-12.11	51.33	39.22	46.00	-6.78	peak	100	0	P
5	792.4199	-11.35	50.10	38.75	46.00	-7.25	peak	100	0	P
6	840.9199	-11.51	47.40	35.89	46.00	-10.11	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



5.5.3. Test Result of Unwanted Spurious emission (1GHz ~ 13GHz)

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

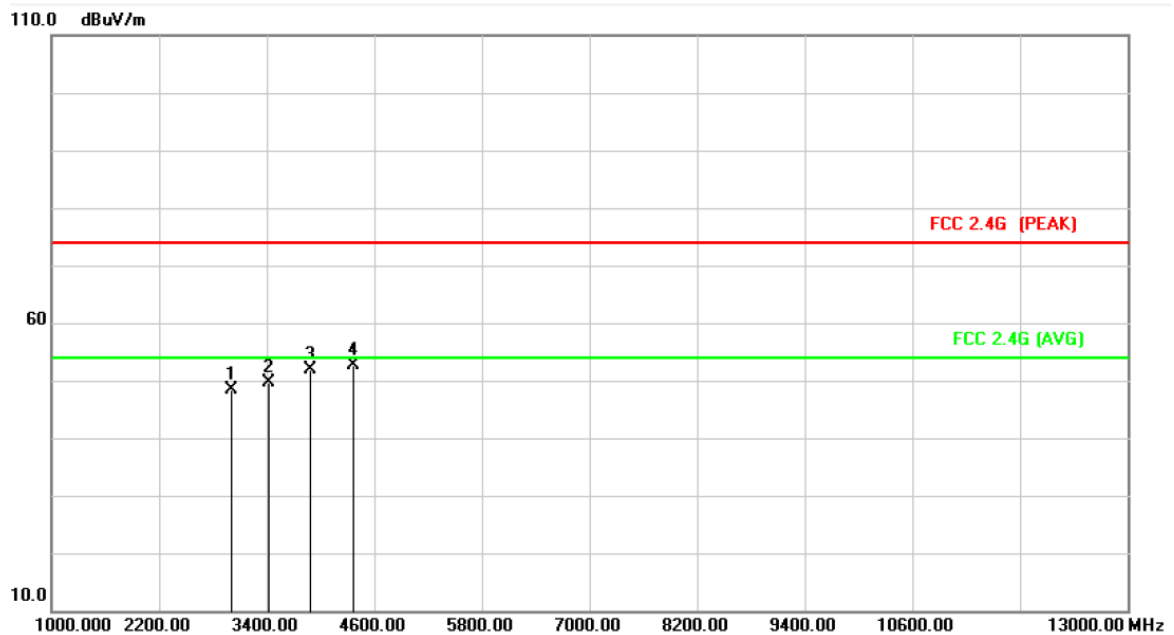


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	3076.000	1.98	47.54	49.52	74.00	-24.48	peak	100	0	P
2	3544.000	3.70	46.20	49.90	74.00	-24.10	peak	100	0	P
3	4036.000	5.86	46.39	52.25	74.00	-21.75	peak	100	0	P
4	4420.000	6.19	46.14	52.33	74.00	-21.67	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

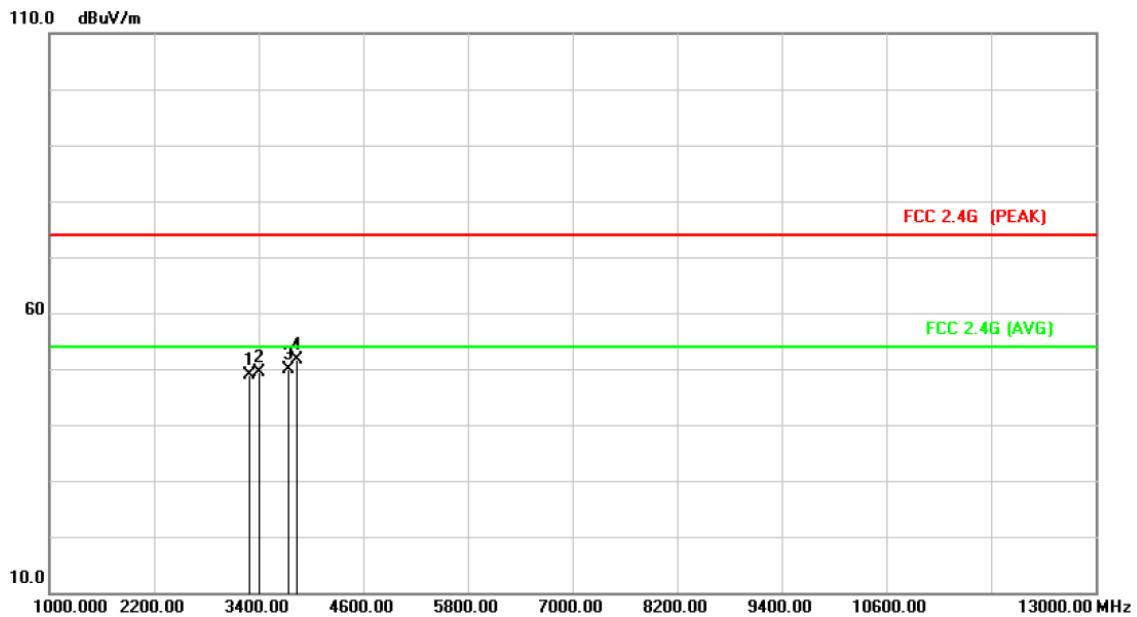


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	3004.000	1.72	46.59	48.31	74.00	-25.69	peak	100	0	P
2	3424.000	3.23	46.34	49.57	74.00	-24.43	peak	100	0	P
3	3880.000	5.26	46.51	51.77	74.00	-22.23	peak	100	0	P
4	4360.000	6.14	46.57	52.71	74.00	-21.29	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH43)	Atmospheric Pressure	: 1010 hPa

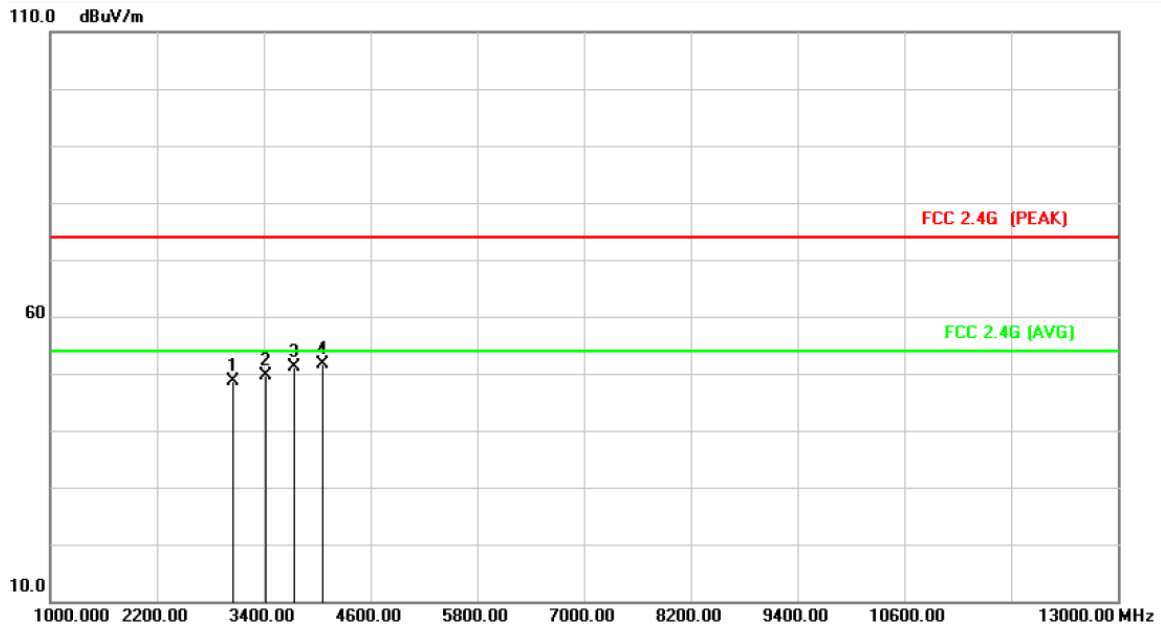


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	3292.000	2.75	46.16	48.91	74.00	-25.09	peak	100	0	P
2	3400.000	3.15	46.25	49.40	74.00	-24.60	peak	100	0	P
3	3736.000	4.60	45.23	49.83	74.00	-24.17	peak	100	0	P
4	3832.000	5.04	46.47	51.51	74.00	-22.49	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH43)	Atmospheric Pressure	: 1010 hPa

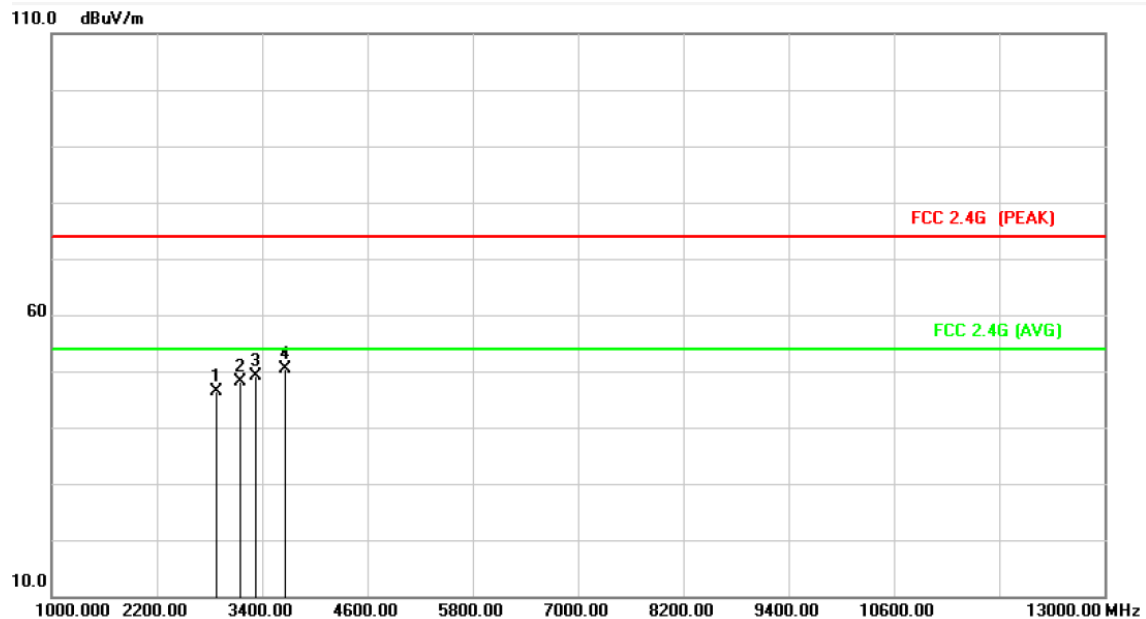


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	3052.000	1.89	46.81	48.70	74.00	-25.30	peak	100	0	P
2	3424.000	3.23	46.52	49.75	74.00	-24.25	peak	100	0	P
3	3748.000	4.64	46.43	51.07	74.00	-22.93	peak	100	0	P
4	4060.000	5.88	45.83	51.71	74.00	-22.29	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa

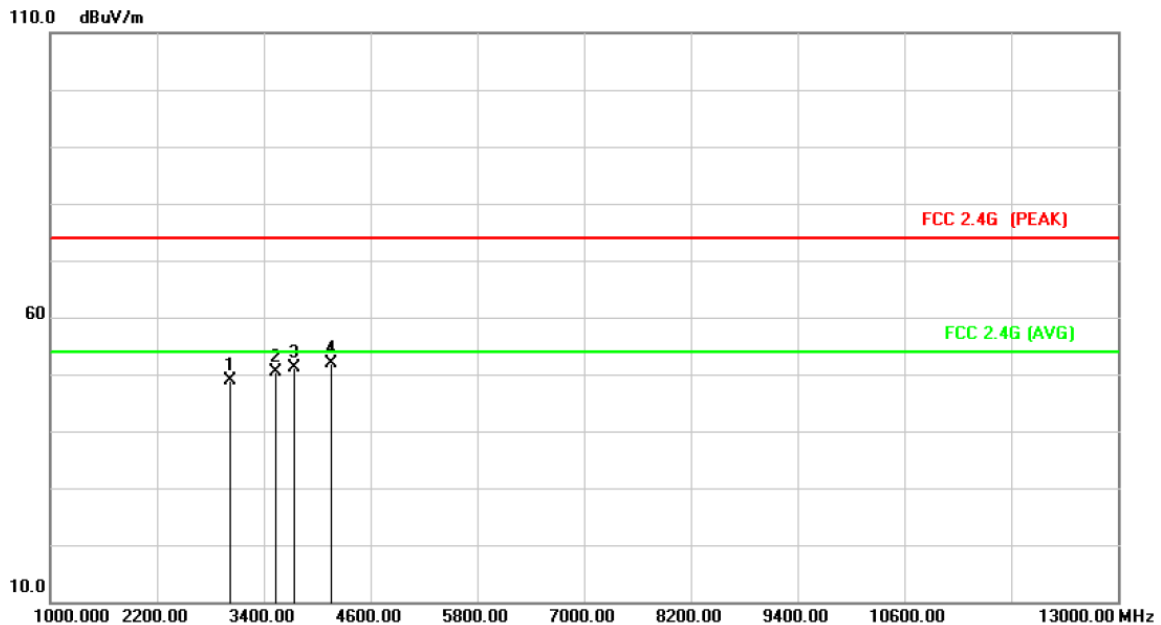


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2884.000	1.15	45.16	46.31	74.00	-27.69	peak	100	0	P
2	3148.000	2.24	45.99	48.23	74.00	-25.77	peak	100	0	P
3	3328.000	2.89	46.36	49.25	74.00	-24.75	peak	100	0	P
4	3664.000	4.26	46.12	50.38	74.00	-23.62	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa



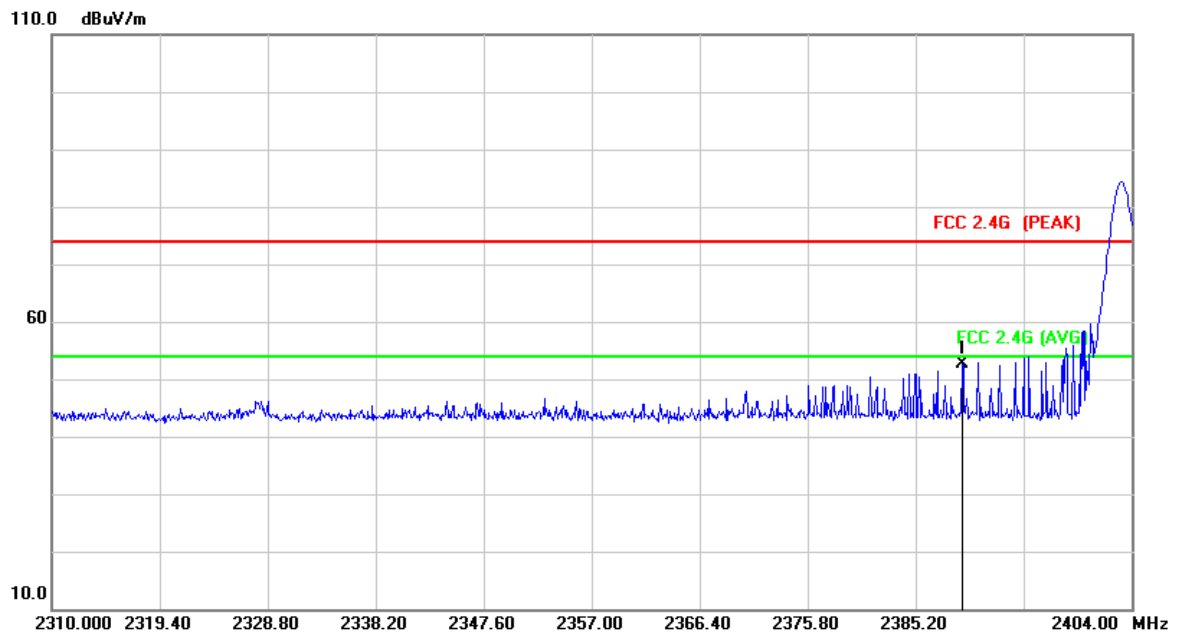
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	3028.000	1.81	47.04	48.85	74.00	-25.15	peak	100	0	P
2	3532.000	3.65	46.61	50.26	74.00	-23.74	peak	100	0	P
3	3748.000	4.64	46.59	51.23	74.00	-22.77	peak	100	0	P
4	4156.000	5.96	45.96	51.92	74.00	-22.08	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



5.5.4. Test Result of Band Edges Measurement

Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

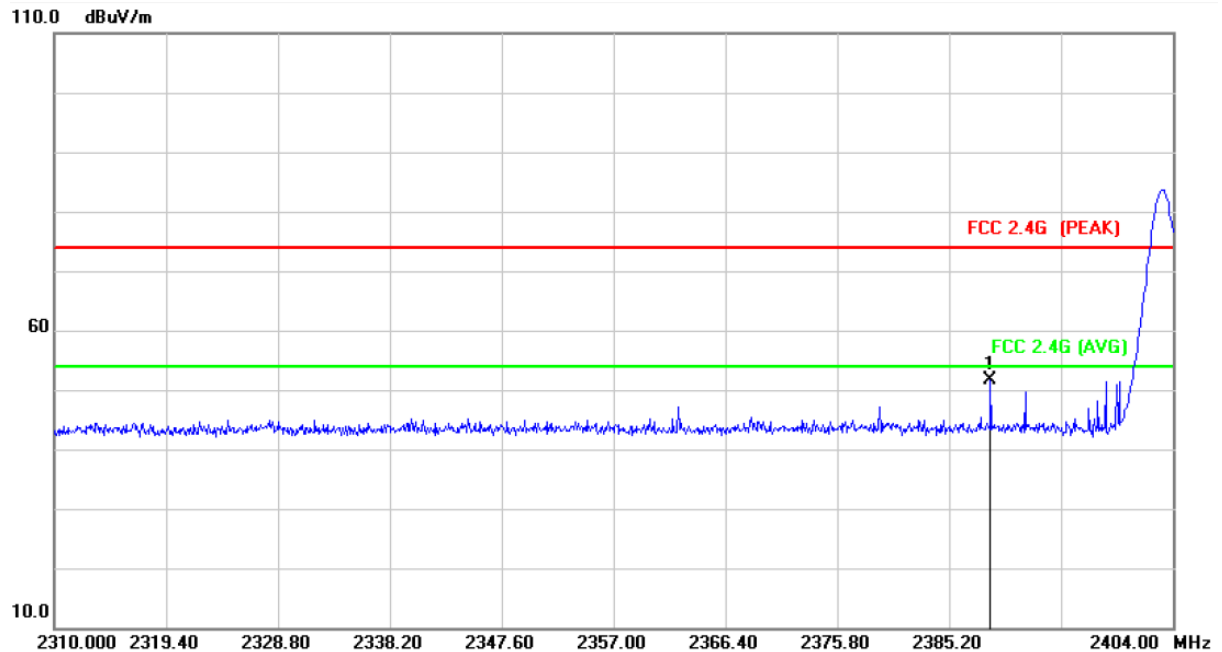


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2389.242	-1.19	53.82	52.63	74.00	-21.37	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH03)	Atmospheric Pressure	: 1010 hPa

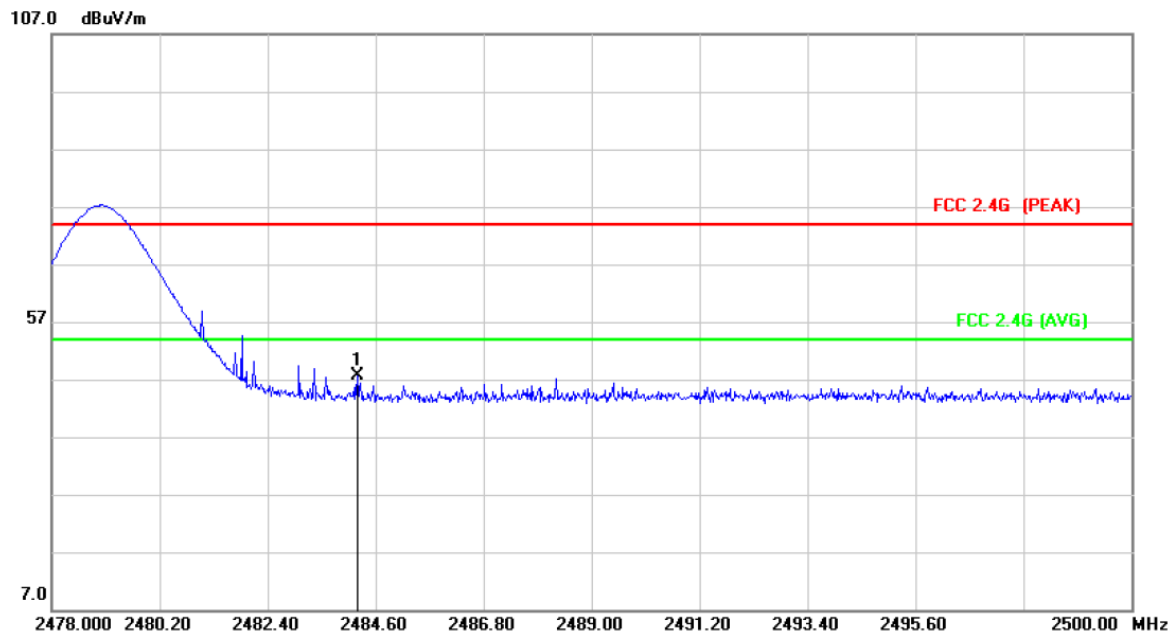


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2388.678	-1.19	52.77	51.58	74.00	-22.42	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: VERTICAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa

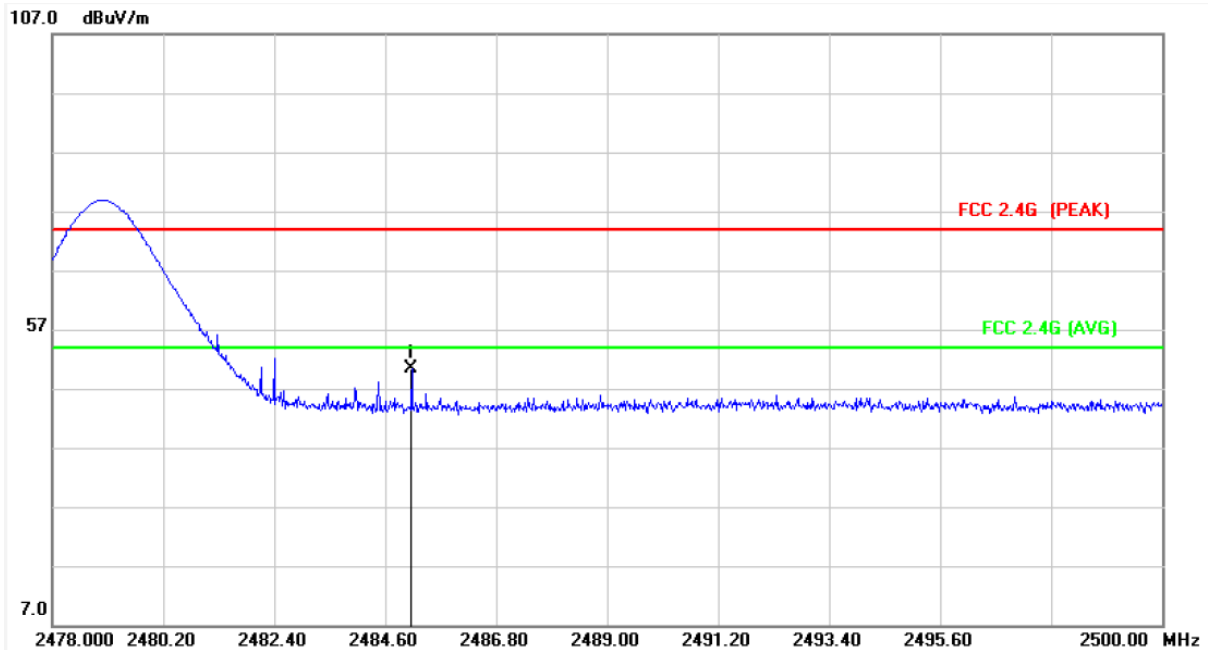


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2484.226	-0.82	48.43	47.61	74.00	-26.39	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit



Power	: DC 3.7V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmitting / Receive	Temperature	: 25 °C
Test Date	: Oct. 23, 2014	Humidity	: 49 %
Modulation Type	: GFSK (CH77)	Atmospheric Pressure	: 1010 hPa



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	P/F
1	2485.128	-0.82	51.17	50.35	74.00	-23.65	peak	100	0	P

Note: Level = Reading + Factor
Margin = Level – Limit