



**FCC Part15, Subpart B
ICES-003**

TEST REPORT

For

TOY Receiver

FCC ID: G6D7MB

MODEL NUMBER: 7MB

REPORT NUMBER: 4789429718

ISSUE DATE: April 16, 2020

Prepared for

**NEW BRIGHT INDUSTRIAL CO., LTD
9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD, KOWLOON BAY,
KOWLOON, HONG KONG.**

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	04/16/2020	Initial Issue	



Summary of Test Results				
Standard	Test Item	Limit	Result	Remark
FCC Part15, Subpart B ANSI C63.4-2014 ICES-003 Issue 6	Conducted Disturbance	Class B	N/A	NOTE (1) NOTE (2)
	Radiated Disturbance below 1 GHz	Class B	PASS	
	Radiated Disturbance above 1 GHz	Class B	PASS	NOTE (3)

Note:

(1) "N/A" denotes test is not applicable in this test report.

(2) This test is only applicable for devices which can be charged or powered by AC power cable.

(3) If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz. If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz. If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, measurement shall only be made up to 5 GHz. If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is less.

(4) This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

(5) The measurement result for the sample received is <Pass> according to < FCC Part15, Subpart B and ICES-003 Issue 6 > when <Accuracy Method> decision rule is applied.



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: NEW BRIGHT INDUSTRIAL CO., LTD
Address: 9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,
KOWLOON BAY, KOWLOON, HONG KONG.

Manufacturer Information

Company Name: NEW BRIGHT INDUSTRIAL CO., LTD
Address: 9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,
KOWLOON BAY, KOWLOON, HONG KONG.

EUT Information

EUT Name: TOY Receiver
Model: 7MB
Brand: /
Sample Received Date: March 26, 2020
Sample ID: 2979413
Sample Status: Normal
Date of Tested: March 26, 2020 ~ April 15, 2020

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part15, Subpart B	PASS
ICES-003 Issue 6	PASS

Prepared By:

Checked By:

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Laboratory Leader

Approved By:

Stephen Guo
Laboratory Manager



2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC Part15 Subpart B & ICES-003 Issue 6 & ANSI C63.4-2014.

3. FACILITIES AND ACCREDITATION

<p>Accreditation Certificate</p>	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Recognized No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320.</p> <p>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011</p>
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Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People’s Republic of China.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions from the AC mains power ports	0.009MHz ~ 0.15MHz	2	4.00
Conducted emissions from the AC mains power ports	0.15MHz ~ 30MHz	2	3.62
Radiated emissions	30MHz ~ 1GHz	2	4.00
Radiated emissions	1GHz ~ 18GHz	2	5.78

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	TOY Receiver		
Model	7MB		
Power Supply	Power Adapter	Input	/
		Output	/
	Battery	AA DC1.5V * 5	

5.2. TEST MODE

Test Mode	Description
Mode 1	Running
Mode 2	Receiving

5.3. EUT ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	Controller	NEW BRIGHT	/	/

5.4. SUPPORT UNITS FOR SYSTEM TEST

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.	Specification	Series No.
1	Battery	N/A	N/A	DC 1.5V * 5	N/A

Note: new battery was used during all test.

The following cables were used to form a representative test configuration during the tests.

Item	Type of cable	Shielded Type	Ferrite Core	Specification
/	/	/	/	/



6. MEASURING EQUIPMENT AND SOFTWARE USED

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec. 6, 2019	Dec. 6, 2020
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	HP	8447D	2944A09099	Dec. 5, 2019	Dec. 5, 2020
EMI Measurement Receiver	R&S	ESR26	101377	Dec. 5, 2019	Dec. 5, 2020
Horn Antenna	TDK	HRN-0118	130939	Sept. 17, 2018	Sept. 17, 2021
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Dec. 05, 2019	Dec. 5, 2020
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Dec. 05, 2019	Dec.05, 2020
Software					
Description		Manufacturer	Name	Version	
Test Software for Radiated Emissions		Farad	EZ-EMC	Ver. UL-3A1	
Test Software for RS		Farad	EMC-RS	2.03	



7. EMISSION TEST

7.1. RADIATED EMISSIONS MEASUREMENT

LIMITS

Below 1 GHz

CFR 47 FCC Part15 Subpart B ICES-003 Issue 6			
Frequency (MHz)	Class A		Class B
	Field strength (uV/m) (at 10m)	Field strength (dBuV/m) (at 3m)	Field strength (dBuV/m) (at 3m)
30 - 88	90	49.5	40
88 - 216	150	53.9	43.5
216 - 960	210	56.9	46
Above 960	300	60	54

Above 1 GHz

CFR 47 FCC Part15 Subpart B ICES-003 Issue 6						
Frequency (MHz)	Class A				Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

Test Frequency Range of Radiated Disturbance Measurement

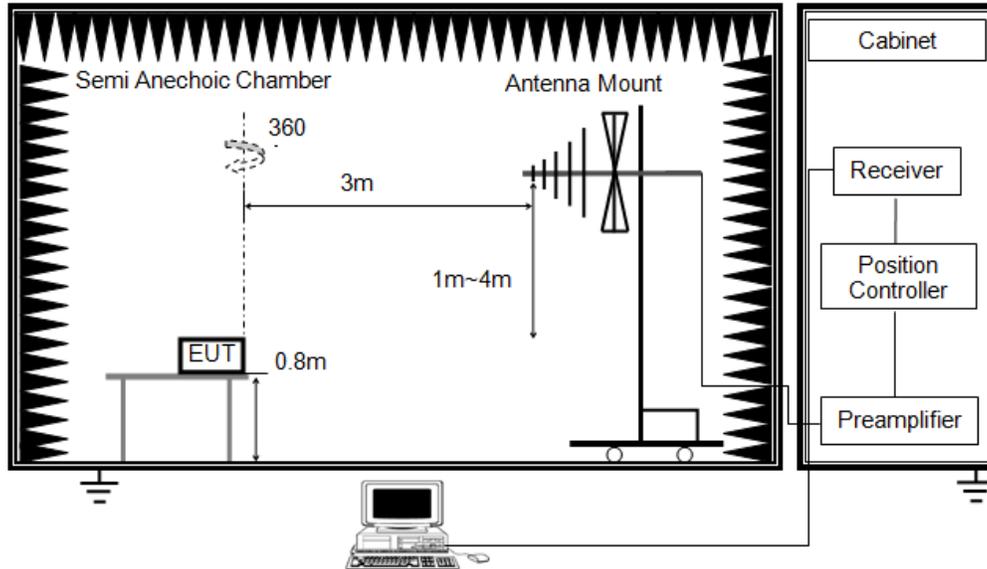
Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart B;
- (2) The tighter limit applies at the band edges;
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m),
3m Emission level = 10m Emission level + 20log(10m/3m);

TEST SETUP AND PROCEDURE

Below 1G and above 30MHz

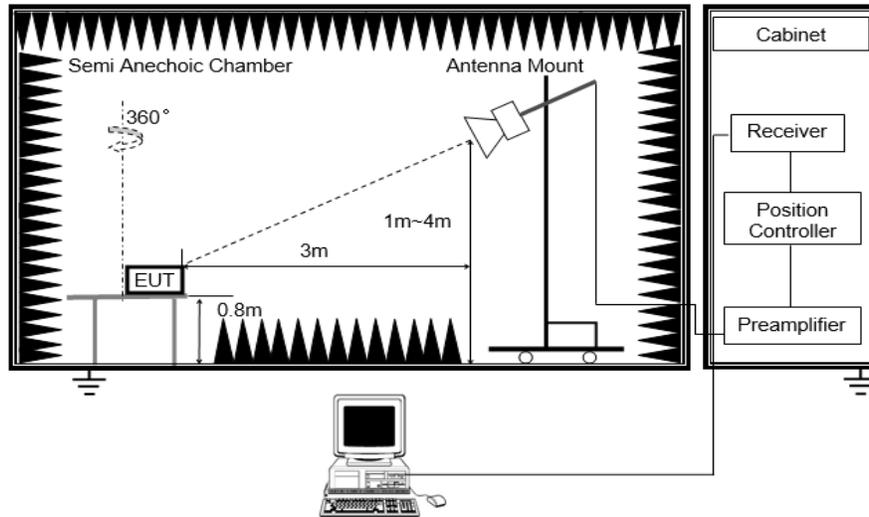


The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak and QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.4-2014.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp was used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80cm above ground.
4. 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.
5. 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.
6. Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
7. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
8. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

Above 1G



The setting of the spectrum analyser

RBW	1M
VBW	3M
Sweep	Auto
Detector	Peak: Peak AVG: RMS
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.4-2014.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80cm above ground.
4. 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.
5. 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.
6. Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
7. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
8. For measurement above 1GHz, the peak emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the peak limit specified in Section 15.109. If peak result complies with average limit, average result is deemed to comply with average limit.
9. The average emission measurement will be measured by the RMS detector and must comply with the average limit specified in Section 15.109.



TEST ENVIRONMENT

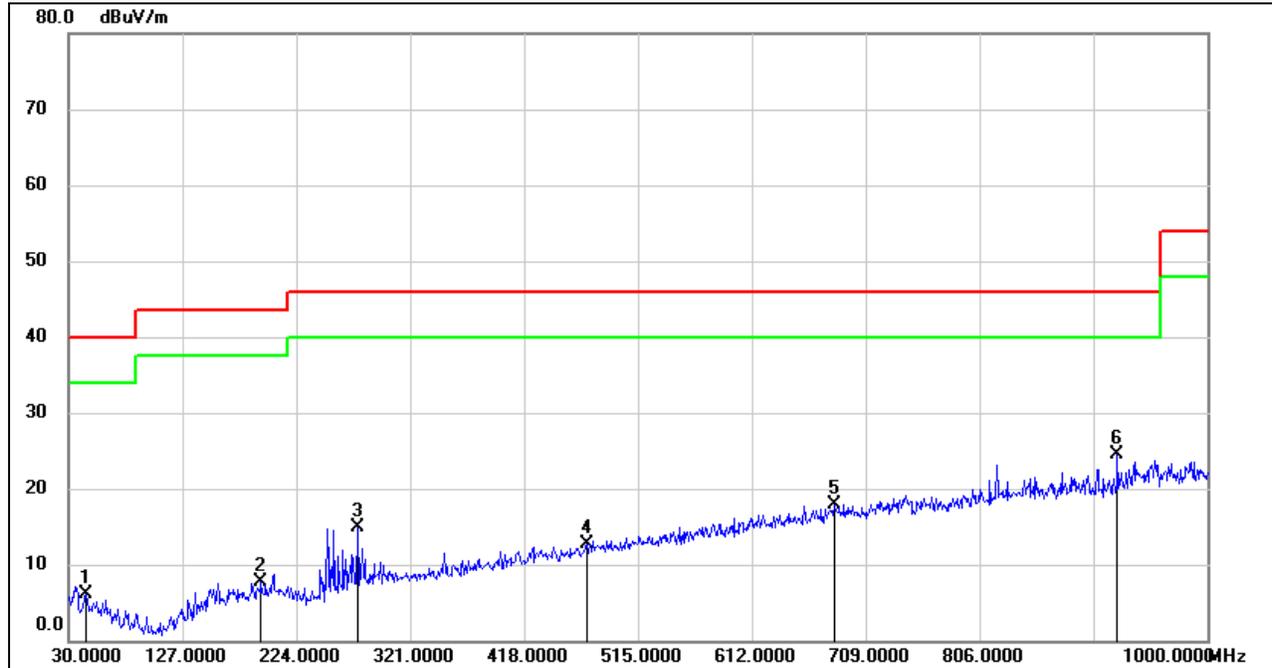
Radiated Emissions - Below 1 GHz		Radiated Emissions - Above 1 GHz	
Temperature:	24°C	Temperature:	23.5°C
Humidity:	65%	Humidity:	59%
Atmosphere Pressure	101kPa	Atmosphere Pressure	101kPa

TEST MODE

Radiated Emissions - Below 1 GHz		Radiated Emissions - Above 1 GHz	
Pre-test Mode:	Mode 1 & Mode 2	Pre-test Mode:	Mode 1 & Mode 2
Final Test Mode:	Mode 1 & Mode 2	Final Test Mode:	Mode 1 & Mode 2

**TEST RESULTS**

Radiated Emissions – Below 1GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 1	Test Voltage:	DC7.5V

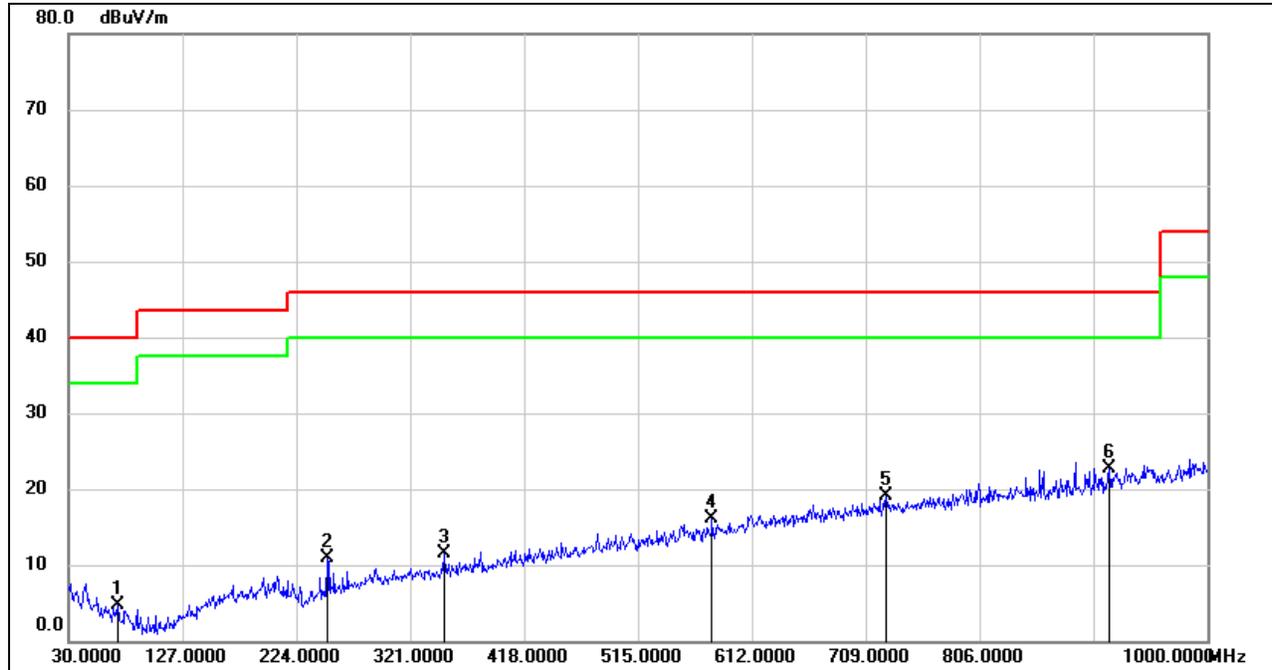


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	24.10	-17.99	6.11	40.00	-33.89	QP
2	193.9299	24.29	-16.50	7.79	43.50	-35.71	QP
3	276.3800	30.25	-15.30	14.95	46.00	-31.05	QP
4	471.3500	24.09	-11.38	12.71	46.00	-33.29	QP
5	681.8400	25.31	-7.34	17.97	46.00	-28.03	QP
6	923.3700	28.41	-3.90	24.51	46.00	-21.49	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit



Radiated Emissions – Below 1GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 1	Test Voltage:	DC7.5V

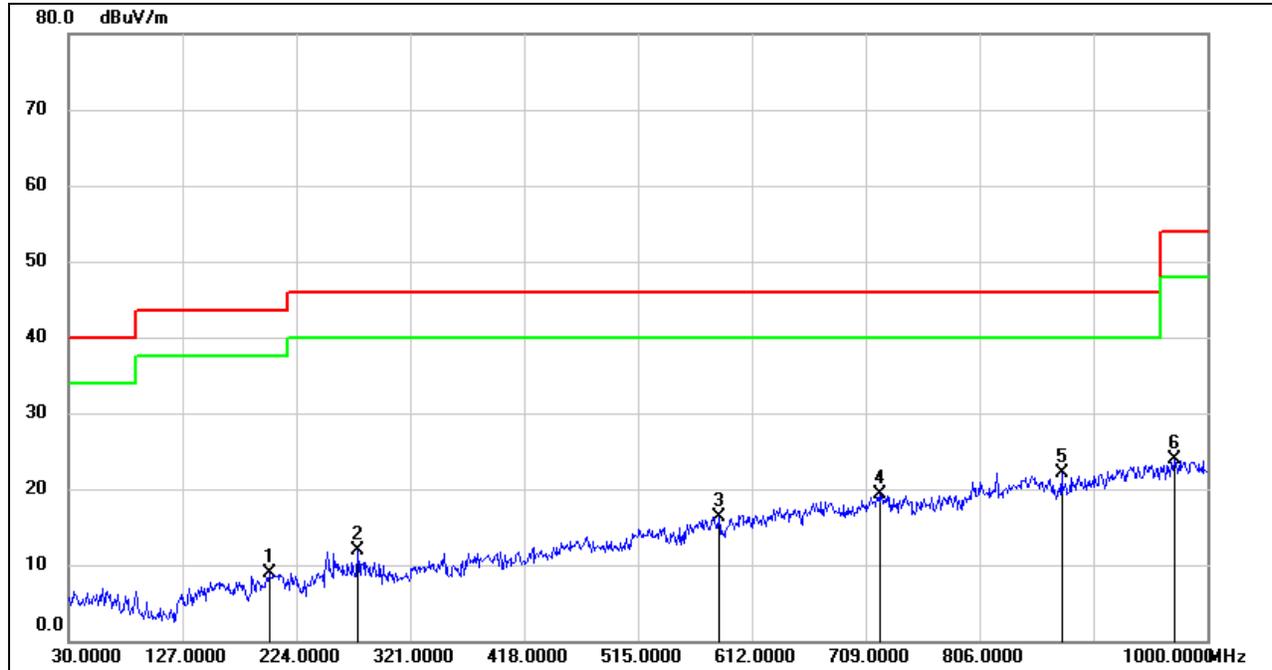


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	71.7100	24.82	-20.20	4.62	40.00	-35.38	QP
2	250.1900	27.22	-16.34	10.88	46.00	-35.12	QP
3	350.1000	25.11	-13.52	11.59	46.00	-34.41	QP
4	578.0500	25.31	-9.24	16.07	46.00	-29.93	QP
5	726.4600	25.59	-6.55	19.04	46.00	-26.96	QP
6	916.5800	26.70	-4.01	22.69	46.00	-23.31	QP

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit



Radiated Emissions – Below 1GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 2	Test Voltage:	DC7.5V

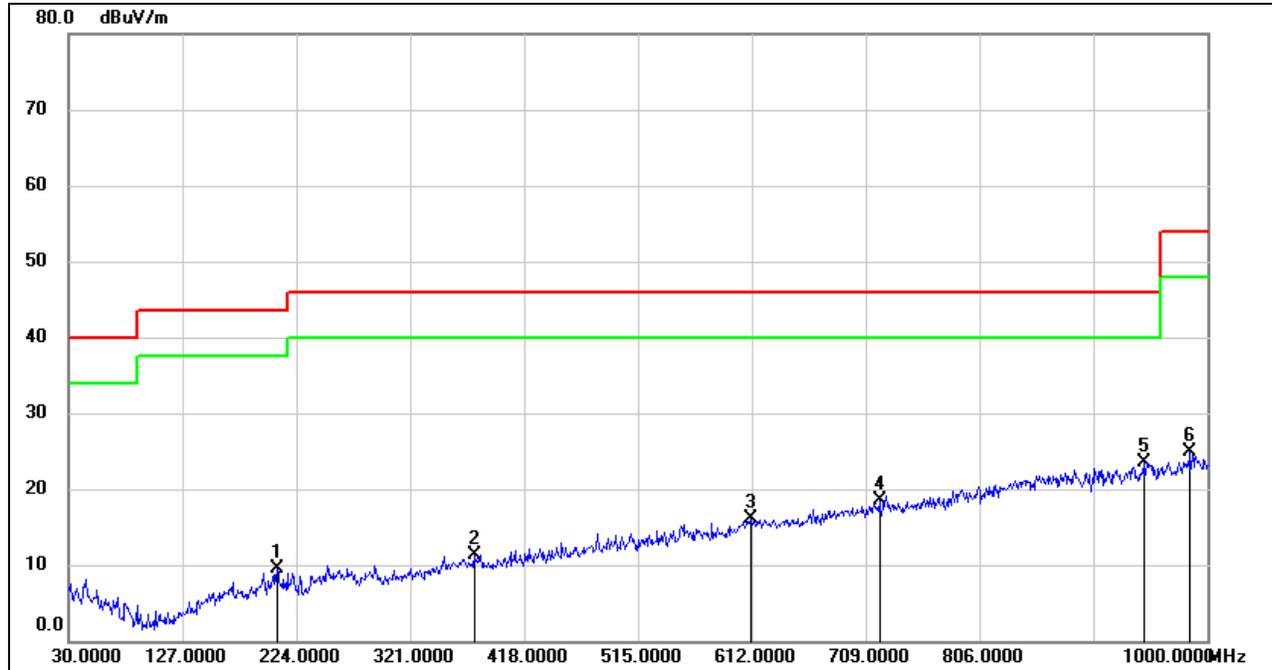


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	200.7200	25.25	-16.30	8.95	43.50	-34.55	peak
2	276.3800	27.26	-15.31	11.95	46.00	-34.05	peak
3	583.8700	25.44	-9.16	16.28	46.00	-29.72	peak
4	720.6400	25.83	-6.46	19.37	46.00	-26.63	peak
5	875.8400	26.64	-4.50	22.14	46.00	-23.86	peak
6	971.8700	27.32	-3.36	23.96	54.00	-30.04	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit



Radiated Emissions – Below 1GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 1	Test Voltage:	DC7.5V

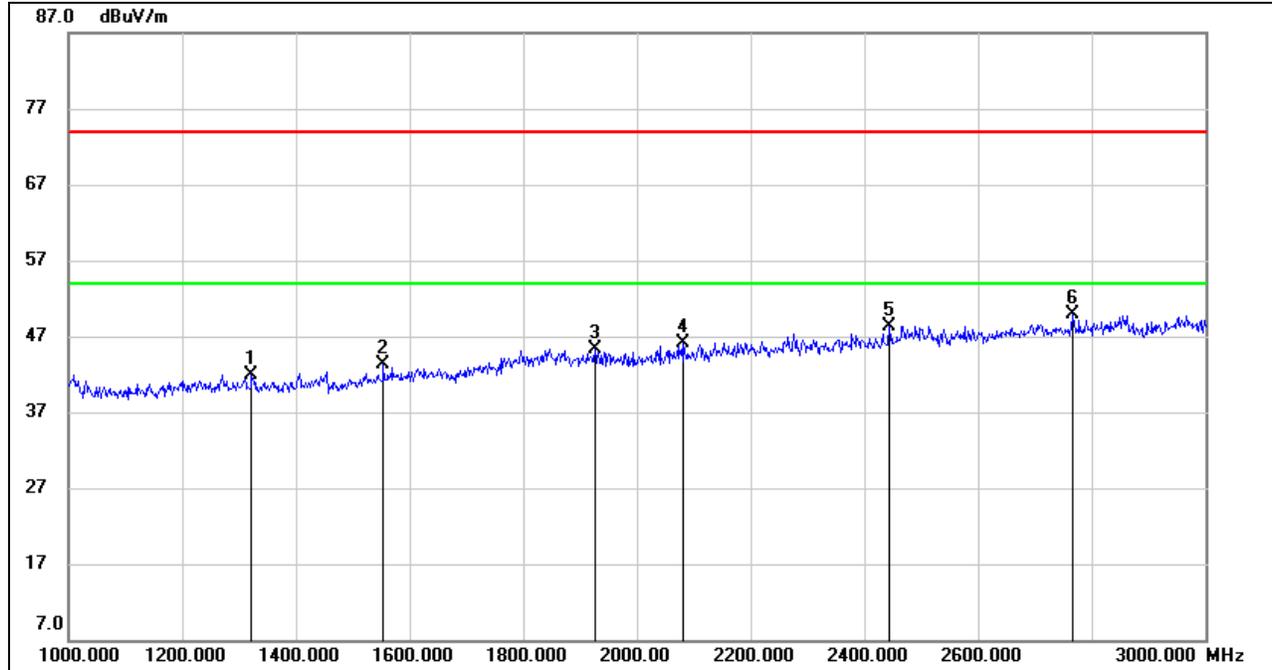


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	207.5100	25.75	-16.28	9.47	43.50	-34.03	peak
2	375.3200	24.42	-13.09	11.33	46.00	-34.67	peak
3	611.0300	24.79	-8.72	16.07	46.00	-29.93	peak
4	720.6400	24.92	-6.46	18.46	46.00	-27.54	peak
5	945.6800	27.10	-3.54	23.56	46.00	-22.44	peak
6	985.4500	28.21	-3.23	24.98	54.00	-29.02	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit



Radiated Emissions – Above 1GHz and Below 3GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 1	Test Voltage:	DC7.5V

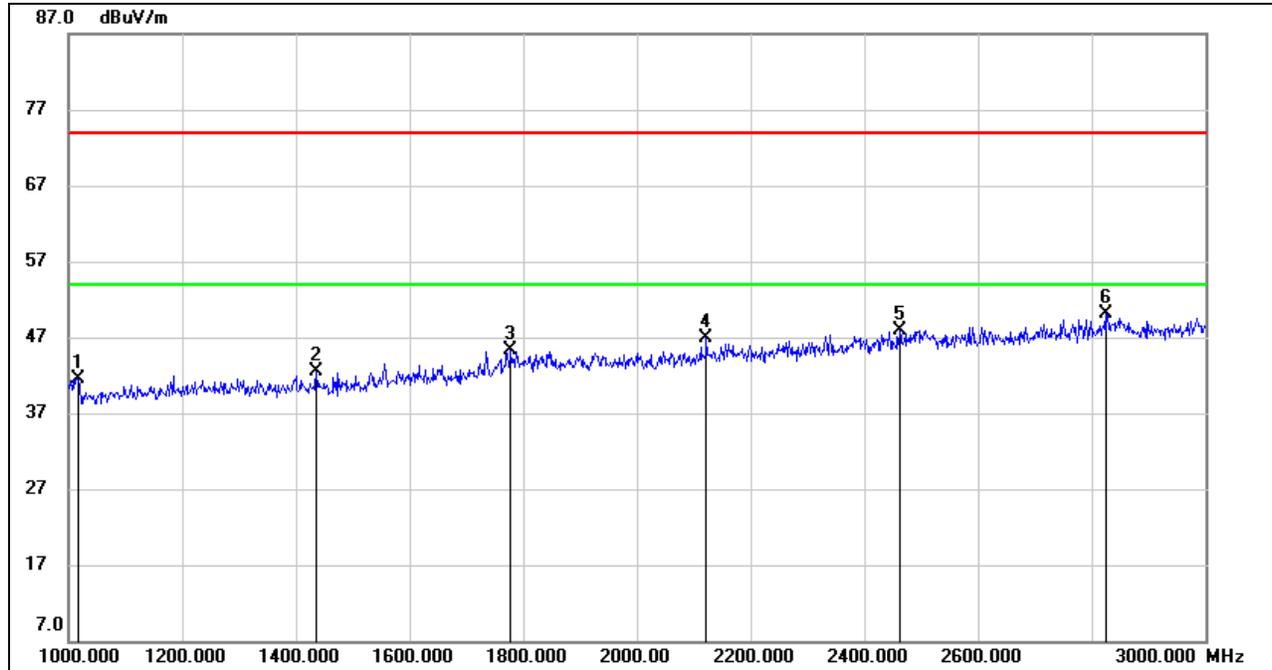


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1322.000	12.93	29.02	41.95	74.00	-32.05	peak
2	1554.000	13.63	29.60	43.23	74.00	-30.77	peak
3	1926.000	13.88	31.39	45.27	74.00	-28.73	peak
4	2082.000	14.20	31.88	46.08	74.00	-27.92	peak
5	2444.000	14.98	33.30	48.28	74.00	-25.72	peak
6	2766.000	15.70	34.14	49.84	74.00	-24.16	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.
 5. All the frequencies between mark 4 and mark 5 are the fundamental frequency which were transmitted by wireless module from EUT.



Radiated Emissions – Above 1GHz and Below 3GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 1	Test Voltage:	DC7.5V

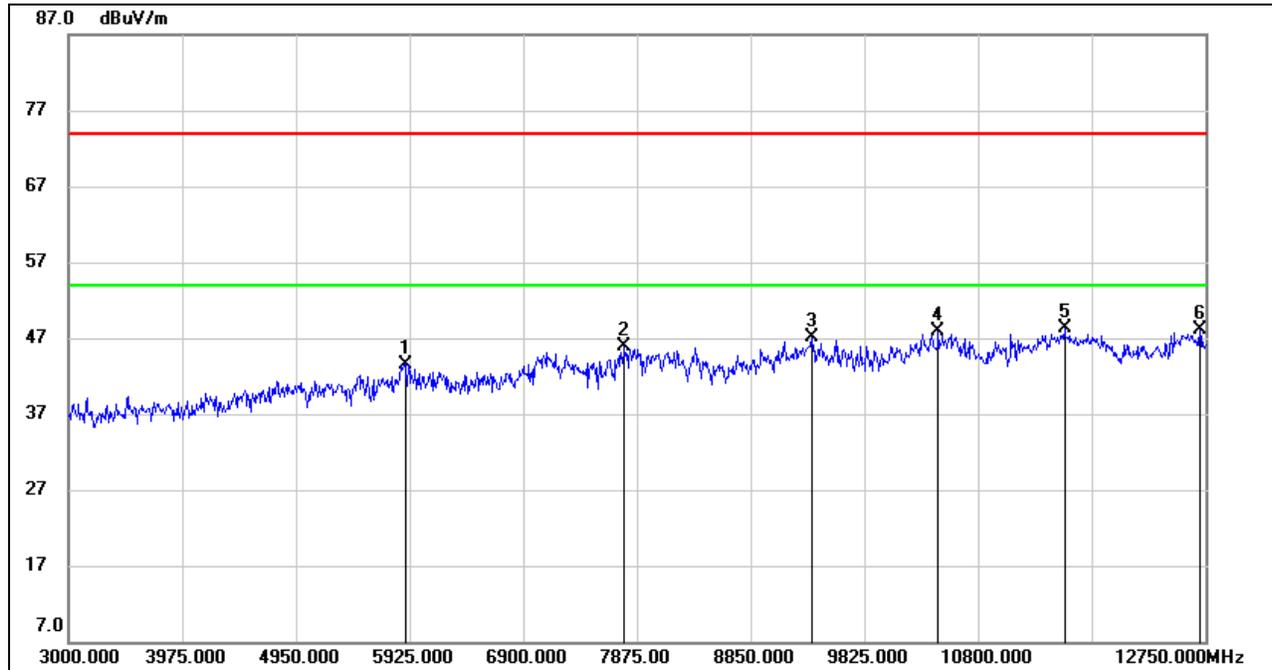


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1018.000	13.82	27.67	41.49	74.00	-32.51	peak
2	1436.000	13.55	28.99	42.54	74.00	-31.46	peak
3	1778.000	14.35	31.05	45.40	74.00	-28.60	peak
4	2122.000	14.90	32.06	46.96	74.00	-27.04	peak
5	2462.000	14.45	33.42	47.87	74.00	-26.13	peak
6	2824.000	15.58	34.43	50.01	74.00	-23.99	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.
 5. All the frequencies between mark 4 and mark 5 are the fundamental frequency which were transmitted by wireless module from EUT.



Radiated Emissions – Above 3GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 1	Test Voltage:	DC7.5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5886.000	38.90	4.70	43.60	74.00	-30.40	peak
2	7767.750	38.38	7.47	45.85	74.00	-28.15	peak
3	9376.500	37.61	9.45	47.06	74.00	-26.94	peak
4	10458.750	36.79	11.21	48.00	74.00	-26.00	peak
5	11541.000	34.95	13.32	48.27	74.00	-25.73	peak
6	12701.250	33.74	14.31	48.05	74.00	-25.95	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor + High Pass Filter Loss Factor)

2. Margin = Result - Limit

3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

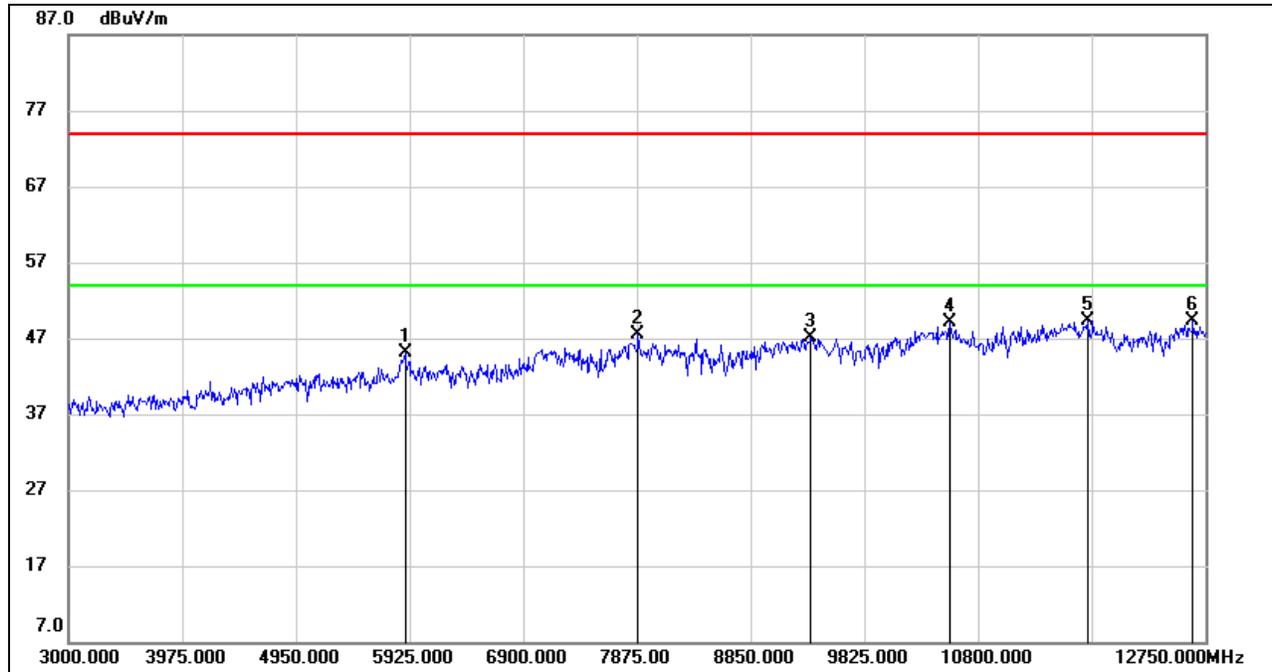
4. Peak: Peak detector..

5. The high pass filter loss factor already add into the correct factor.

6. Proper operation of the transmitter prior to adding the filter to the measurement chain.



Radiated Emissions – Above 3GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 1	Test Voltage:	DC7.5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5886.000	40.49	4.70	45.19	74.00	-28.81	peak
2	7884.750	40.22	7.33	47.55	74.00	-26.45	peak
3	9366.750	37.74	9.39	47.13	74.00	-26.87	peak
4	10556.250	37.45	11.69	49.14	74.00	-24.86	peak
5	11745.750	36.31	13.06	49.37	74.00	-24.63	peak
6	12642.750	35.17	14.12	49.29	74.00	-24.71	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor + High Pass Filter Loss Factor)

2. Margin = Result - Limit

3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

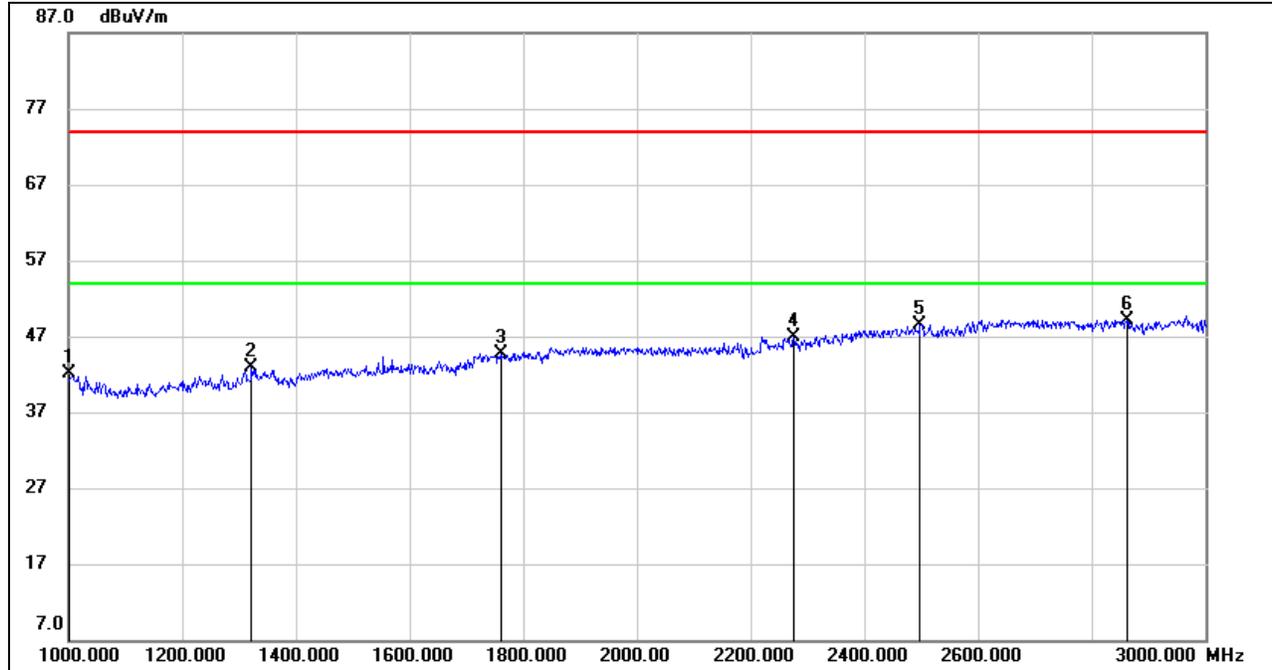
4. Peak: Peak detector..

5. The high pass filter loss factor already add into the correct factor.

6. Proper operation of the transmitter prior to adding the filter to the measurement chain.



Radiated Emissions – Above 1GHz and Below 3GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 2	Test Voltage:	DC7.5V

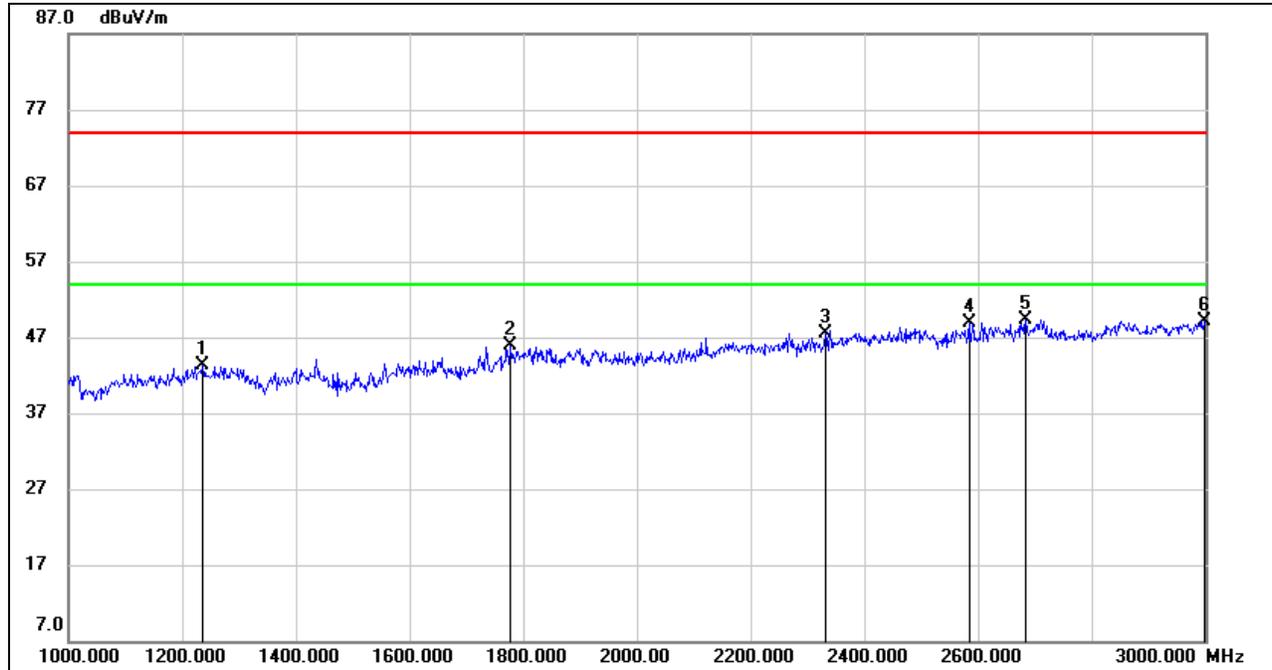


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1000.0000	14.50	27.64	42.14	74.00	-31.86	peak
2	1322.000	13.93	29.02	42.95	74.00	-31.05	peak
3	1760.000	13.82	30.85	44.67	74.00	-29.33	peak
4	2276.000	14.27	32.57	46.84	74.00	-27.16	peak
5	2498.000	14.89	33.69	48.58	74.00	-25.42	peak
6	2862.000	14.54	34.60	49.14	74.00	-24.86	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.



Radiated Emissions – Above 1GHz and Below 3GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 2	Test Voltage:	DC7.5V

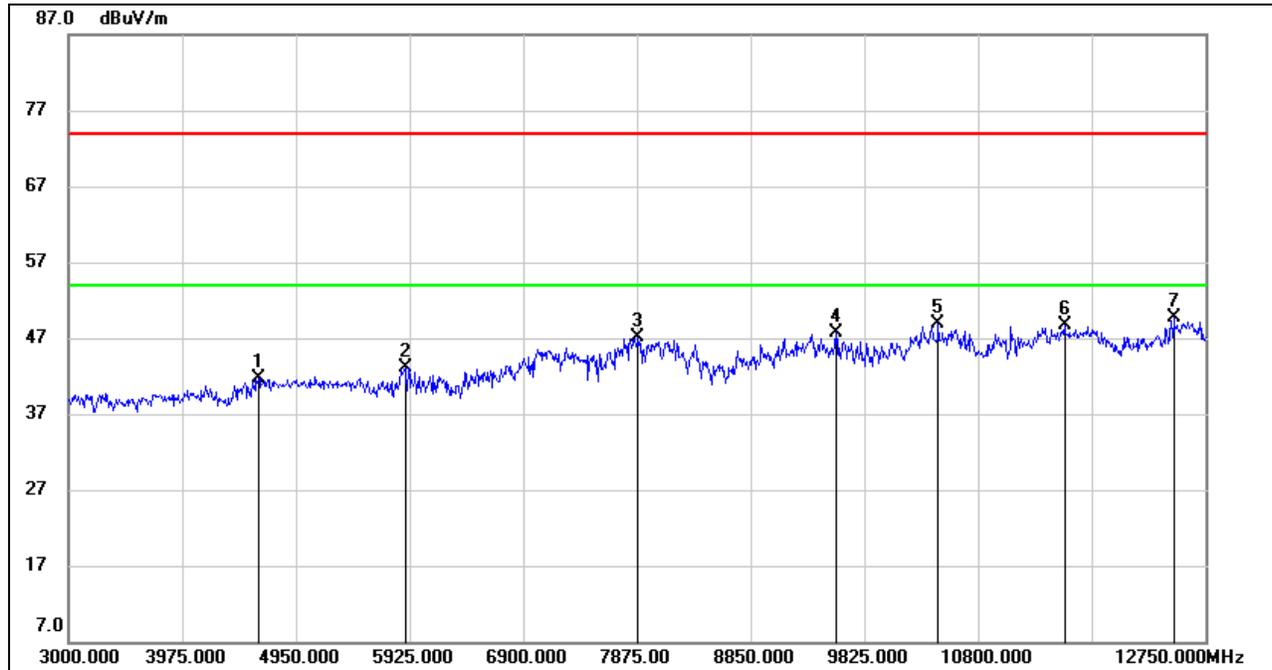


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1236.000	14.47	28.83	43.30	74.00	-30.70	peak
2	1778.000	14.85	31.05	45.90	74.00	-28.10	peak
3	2332.000	14.84	32.75	47.59	74.00	-26.41	peak
4	2584.000	15.63	33.26	48.89	74.00	-25.11	peak
5	2684.000	15.60	33.67	49.27	74.00	-24.73	peak
6	2998.000	14.00	35.08	49.08	74.00	-24.92	peak

- Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
 2. Margin = Result - Limit
 3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 4. Peak: Peak detector.



Radiated Emissions – Above 3GHz			
Measurement Method	Radiated	Polar:	Horizontal
Test Mode:	Mode 2	Test Voltage:	DC7.5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4628.250	42.00	-0.26	41.74	74.00	-32.26	peak
2	5886.000	38.40	4.70	43.10	74.00	-30.90	peak
3	7884.750	39.70	7.33	47.03	74.00	-26.97	peak
4	9581.250	38.11	9.66	47.77	74.00	-26.23	peak
5	10458.750	37.79	11.21	49.00	74.00	-25.00	peak
6	11541.000	35.45	13.32	48.77	74.00	-25.23	peak
7	12477.000	35.26	14.44	49.70	74.00	-24.30	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor + High Pass Filter Loss Factor)

2. Margin = Result - Limit

3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

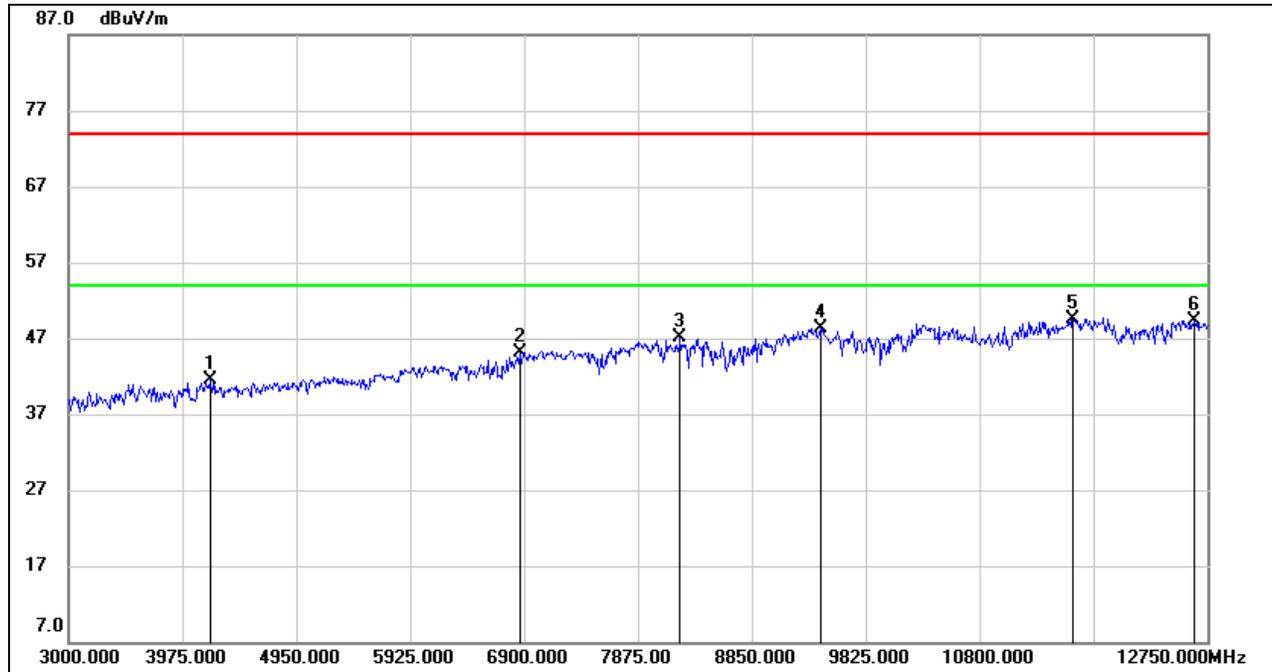
4. Peak: Peak detector..

5. The high pass filter loss factor already add into the correct factor.

6. Proper operation of the transmitter prior to adding the filter to the measurement chain.



Radiated Emissions – Above 3GHz			
Measurement Method	Radiated	Polar:	Vertical
Test Mode:	Mode 2	Test Voltage:	DC7.5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4209.000	42.77	-1.29	41.48	74.00	-32.52	peak
2	6861.000	39.47	5.62	45.09	74.00	-28.91	peak
3	8235.750	39.13	8.05	47.18	74.00	-26.82	peak
4	9435.000	38.72	9.57	48.29	74.00	-25.71	peak
5	11599.500	36.39	13.18	49.57	74.00	-24.43	peak
6	12642.750	35.17	14.12	49.29	74.00	-24.71	peak

Note: 1. Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor + High Pass Filter Loss Factor)

2. Margin = Result - Limit

3. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

4. Peak: Peak detector..

5. The high pass filter loss factor already add into the correct factor.

6. Proper operation of the transmitter prior to adding the filter to the measurement chain.

END OF REPORT