



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

TEST REPORT

For

TOY Receiver

MODEL NUMBER: 60833

FCC ID: G6D60833

REPORT NUMBER: 4789511743

ISSUE DATE: June 30, 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	06/30/2020	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	PASS	/
	Radiated Disturbance below 1 GHz	Class B	PASS	/
	Radiated Disturbance above 1 GHz	Class B	PASS	Note 2

Note:

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

(2) 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.

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

4) 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: 60833
Sample Status: Normal
Sample ID: 3118761
Sample Received Date: June 12, 2020
Date of Tested: June 13, 2020 ~ June 23, 2020

APPLICABLE STANDARDS	
STANDARDS	TEST RESULTS
FCC Part15, Subpart B ANSI C63.4-2014 ICES-003 Issue 6	PASS

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Stephen Guo
Laboratory Manager



2. TEST METHODOLOGY

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

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	60833
Rated Input	DC 5V
Battery	2*(DC 3.2V 500mAh 1.6Wh)

5.2. Test Mode

Test Mode	Description
Mode 1	Charging
Mode 2	Running
Mode 3	Receiving

Note: EUT couldn't working in mode 2 and mode 3 while charging by adapter.

5.3. EUT Accessory

Item	Accessory	Brand Name	Model Name	Description
1	Controller	New Bright	21HB2	/



5.4. Support Units or Accessories 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	Adapter	UGREEN	CD122	Input: AC100-240V 50/60Hz 500mA Max Output: DC5V/3A,9V/2A,12V/1.5A	40406

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

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Dec. 5, 2019	Dec. 5, 2020
Two-Line V-Network	R&S	ENV216	101983	Dec. 5, 2019	Dec. 5, 2020
Software					
Description		Manufacturer	Name	Version	
Test Software for Conducted Emissions		Farad	EZ-EMC	Ver. UL-3A1	
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. 05, 2019	Dec. 05, 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. 05, 2020

7. EMISSION TEST

7.1. Conducted Disturbance Measurement

7.1.1. Limits of conducted disturbance voltage

FREQUENCY (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46*
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

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.

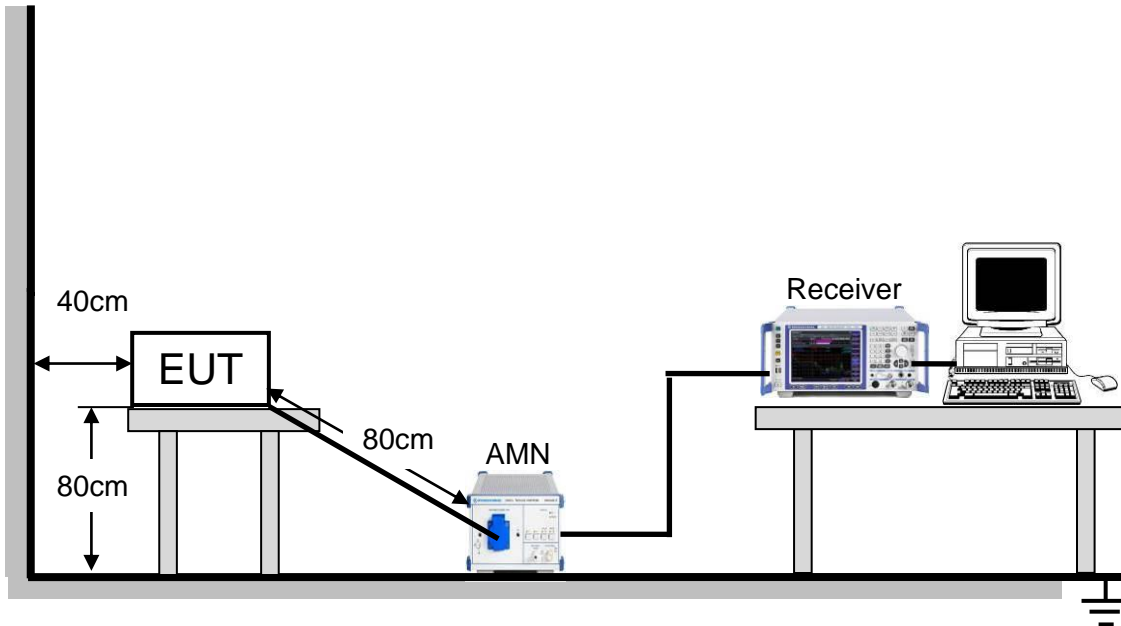
The following table is the setting of the receiver

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

7.1.2. 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. LISN at least 80 cm from nearest part of EUT chassis.
- d. For the actual test configuration, please refer to the related Item: Photographs of Test Configuration.

7.1.3. Test Setup



For the actual test configuration, please refer to Appendix I: Photographs of Test Configuration.

7.1.4. Test Environment

Temperature:	23.5°C
Humidity:	71.7%
ATM pressure:	101kPa

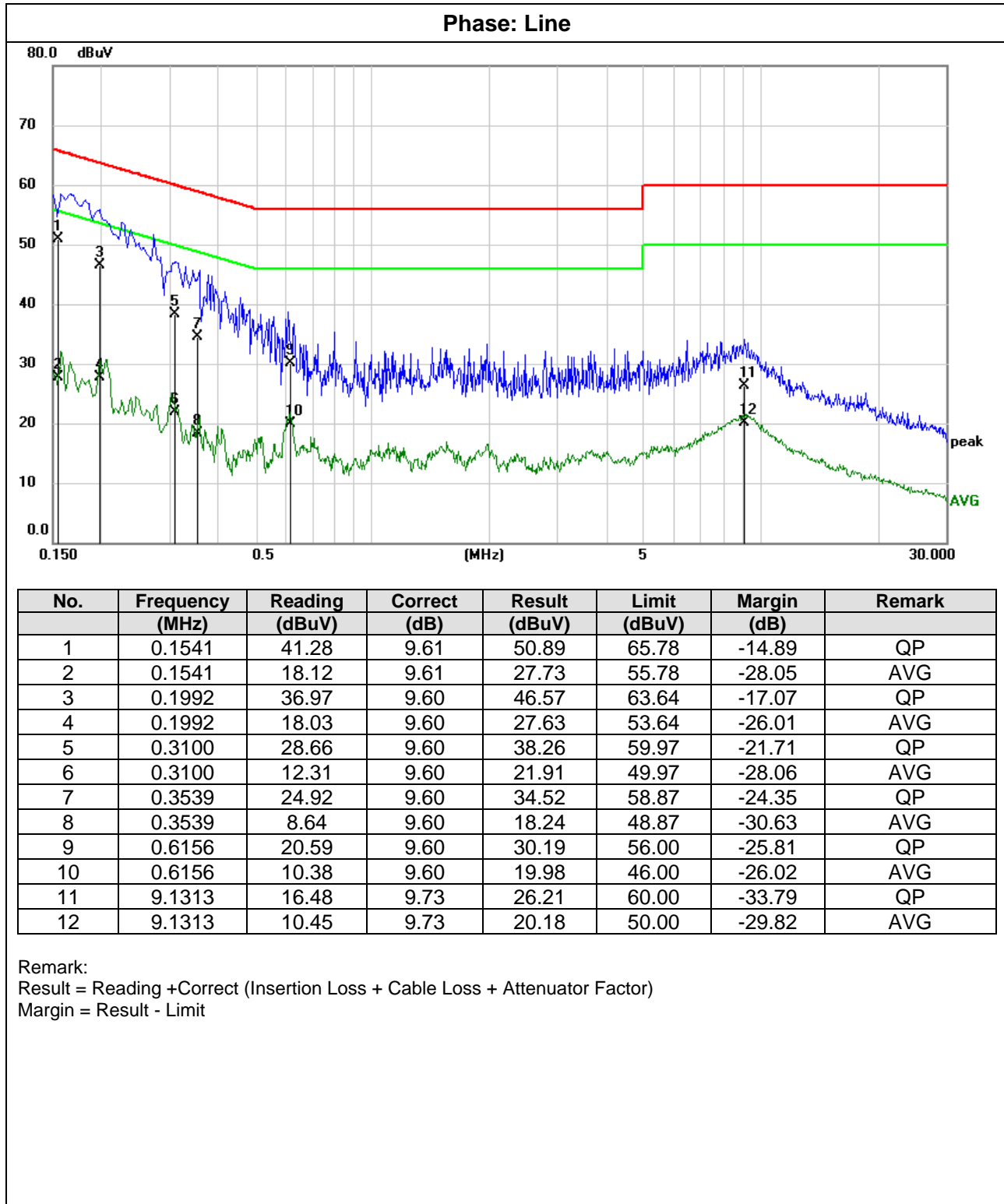
7.1.5. Test Mode

Pre-test Mode:	Mode 1
Final Test Mode:	Mode 1

Note: EUT couldn't working in mode 2 and mode 3 while charging by adapter.

**7.1.6. Test Results**

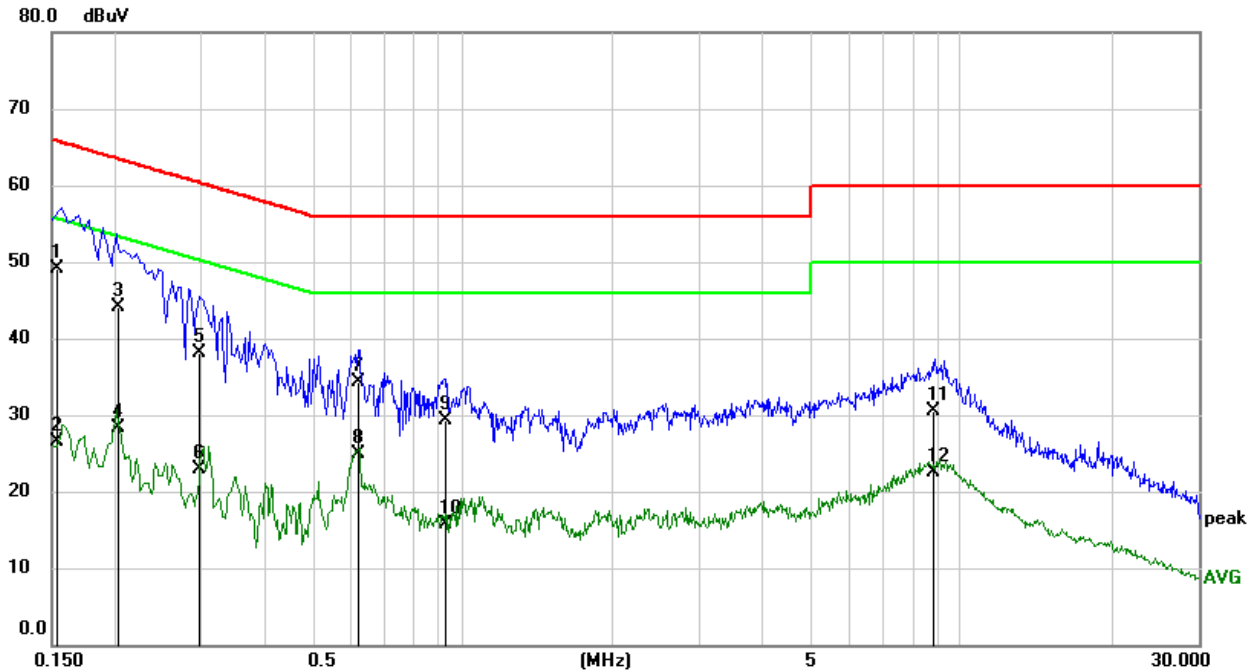
Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz





Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz

Phase: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1538	39.57	9.60	49.17	65.79	-16.62	QP
2	0.1538	16.82	9.60	26.42	55.79	-29.37	AVG
3	0.2045	34.53	9.60	44.13	63.43	-19.30	QP
4	0.2045	18.65	9.60	28.25	53.43	-25.18	AVG
5	0.2979	28.49	9.60	38.09	60.30	-22.21	QP
6	0.2979	13.22	9.60	22.82	50.30	-27.48	AVG
7	0.6206	24.80	9.60	34.40	56.00	-21.60	QP
8	0.6206	15.39	9.60	24.99	46.00	-21.01	AVG
9	0.9237	19.69	9.60	29.29	56.00	-26.71	QP
10	0.9237	6.02	9.60	15.62	46.00	-30.38	AVG
11	8.8549	20.85	9.74	30.59	60.00	-29.41	QP
12	8.8549	12.74	9.74	22.48	50.00	-27.52	AVG

Remark:

Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)

Margin = Result - Limit

7.2. Radiated Disturbance Measurement

7.2.1. Limits of radiated disturbance measurement

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

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

Measurement Method and Applied Limits:

ANSI C63.4:

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

Frequency Range of Radiated Disturbance Measurement

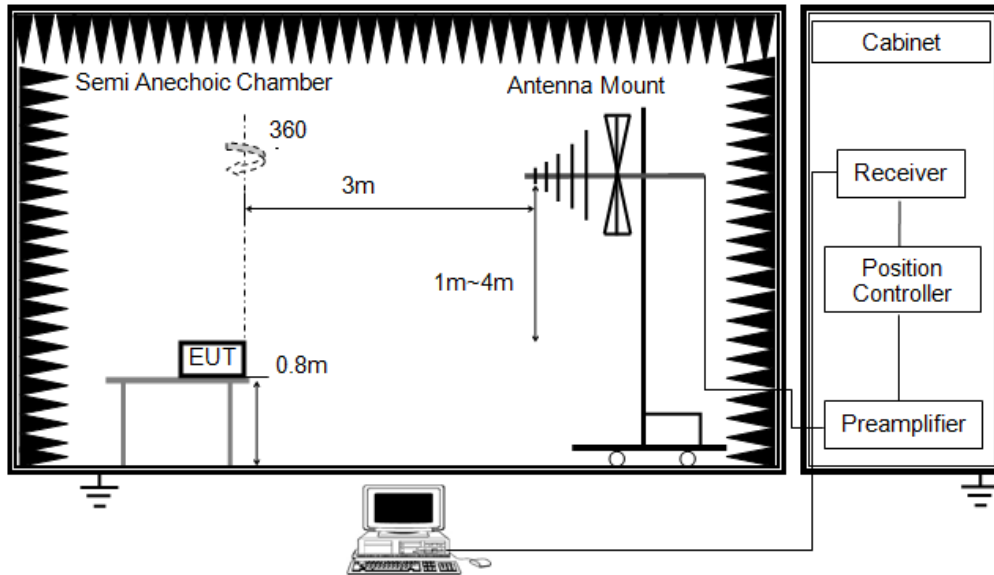
Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

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);

7.2.2. Test setup and procedure

Below 1G and above 30MHz

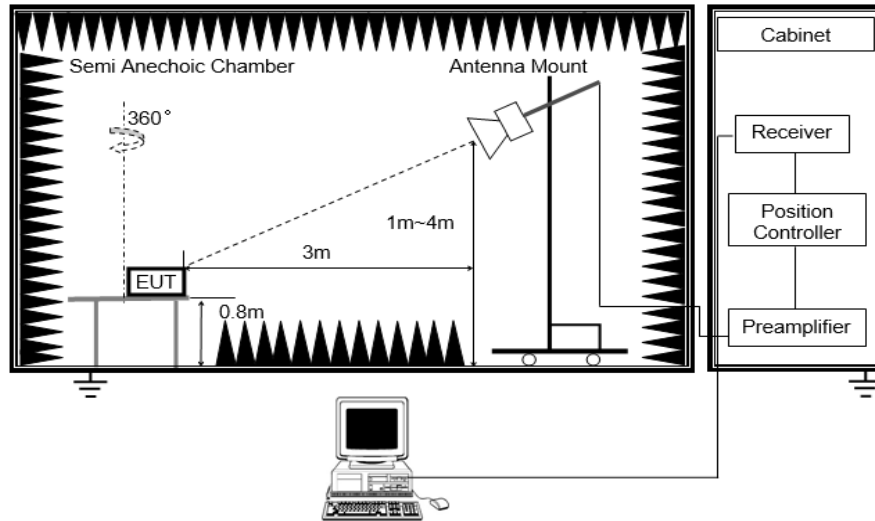


The setting of the spectrum analyser

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. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
6. 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 is 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. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
6. 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.
7. The average emission measurement will be measured by the RMS detector and must comply with the average limit specified in Section 15.109.



7.2.3. Test Environment

Radiated Disturbance - below 1 GHz		Radiated Disturbance - above 1 GHz	
Temperature:	24°C	Temperature:	22.7°C
Humidity:	63%	Humidity:	61%
ATM pressure:	101kPa	ATM pressure:	101kPa

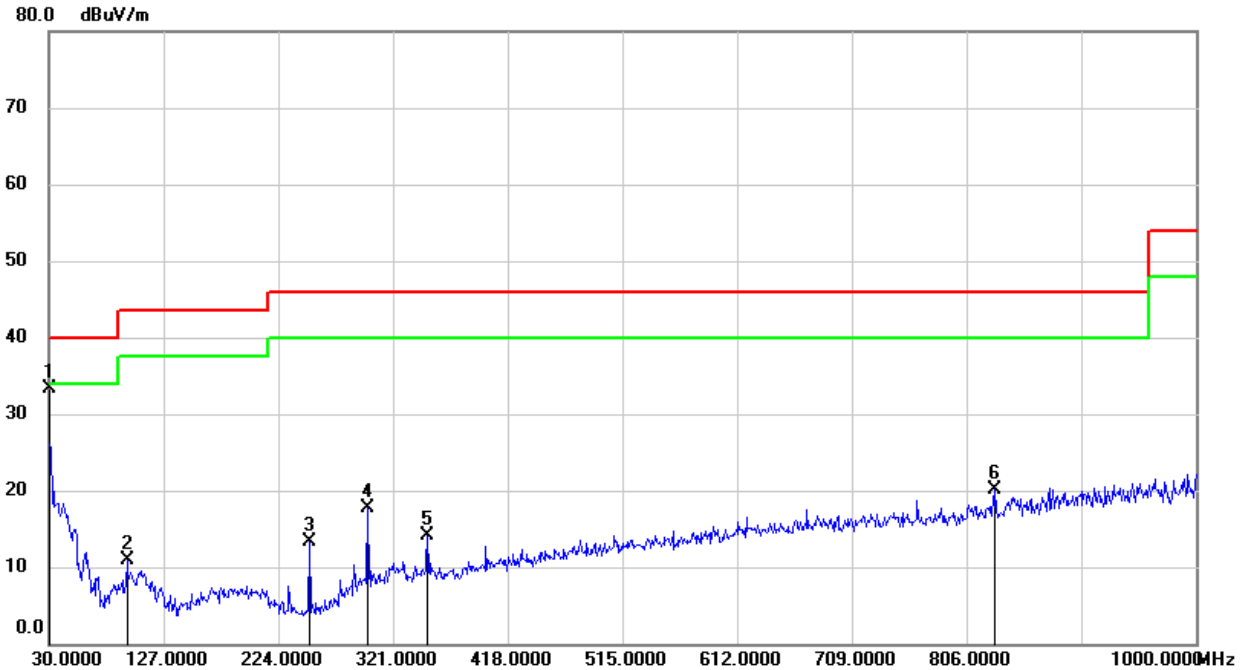
7.2.4. Test Mode

Radiated Disturbance - below 1 GHz		Radiated Disturbance - above 1 GHz	
Pre-test Mode:	Mode 1 - Mode 3	Pre-test Mode:	Mode 1 - Mode 3
Final Test Mode:	Mode 1 - Mode 3	Final Test Mode:	Mode 2 & Mode 3

Note: All test modes have been tested, but only the worst case data recorded in the report.

**7.2.5. Test Results – below 1GHz**

Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz

Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	52.25	-19.04	33.21	40.00	-6.79	QP
2	95.9600	32.49	-21.56	10.93	43.50	-32.57	QP
3	250.1900	32.41	-19.19	13.22	46.00	-32.78	QP
4	299.6600	33.22	-15.60	17.62	46.00	-28.38	QP
5	350.1000	28.70	-14.57	14.13	46.00	-31.87	QP
6	830.2500	27.18	-7.17	20.01	46.00	-25.99	QP

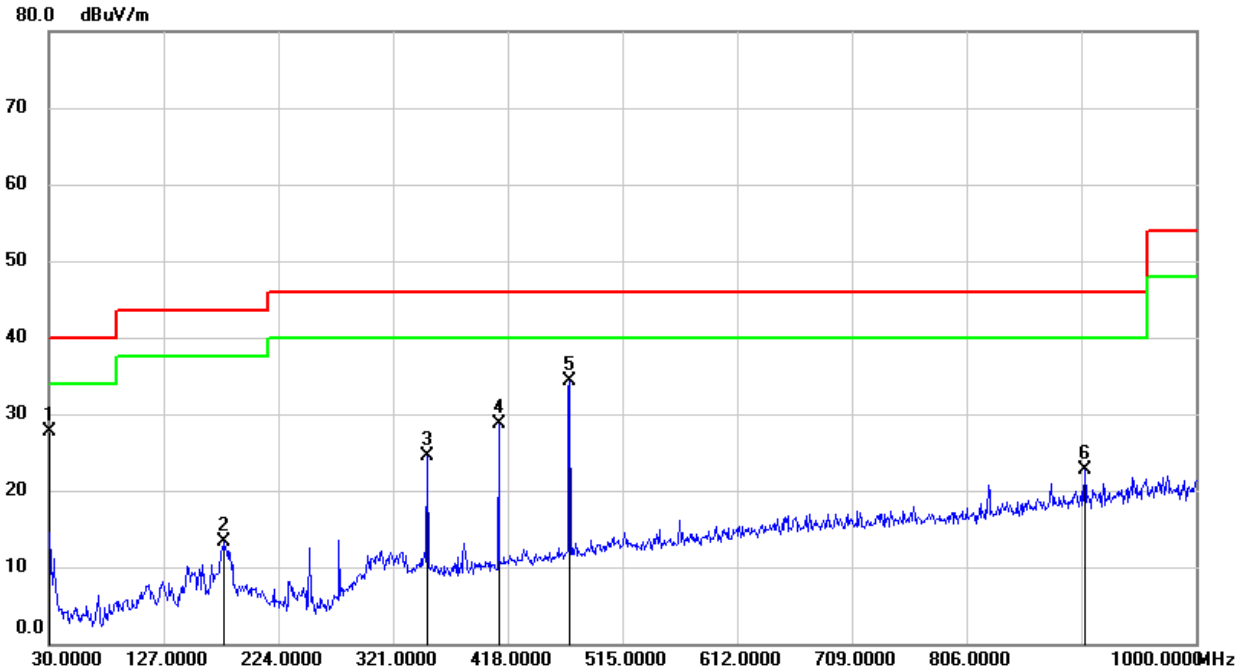
Remark:

Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit



Test Mode:	Mode 1
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	46.66	-19.04	27.62	40.00	-12.38	QP
2	177.4400	30.49	-17.16	13.33	43.50	-30.17	QP
3	350.1000	39.09	-14.57	24.52	46.00	-21.48	QP
4	410.2400	41.84	-13.22	28.62	46.00	-17.38	QP
5	470.3800	46.41	-12.03	34.38	46.00	-11.62	QP
6	905.9100	28.28	-5.59	22.69	46.00	-23.31	QP

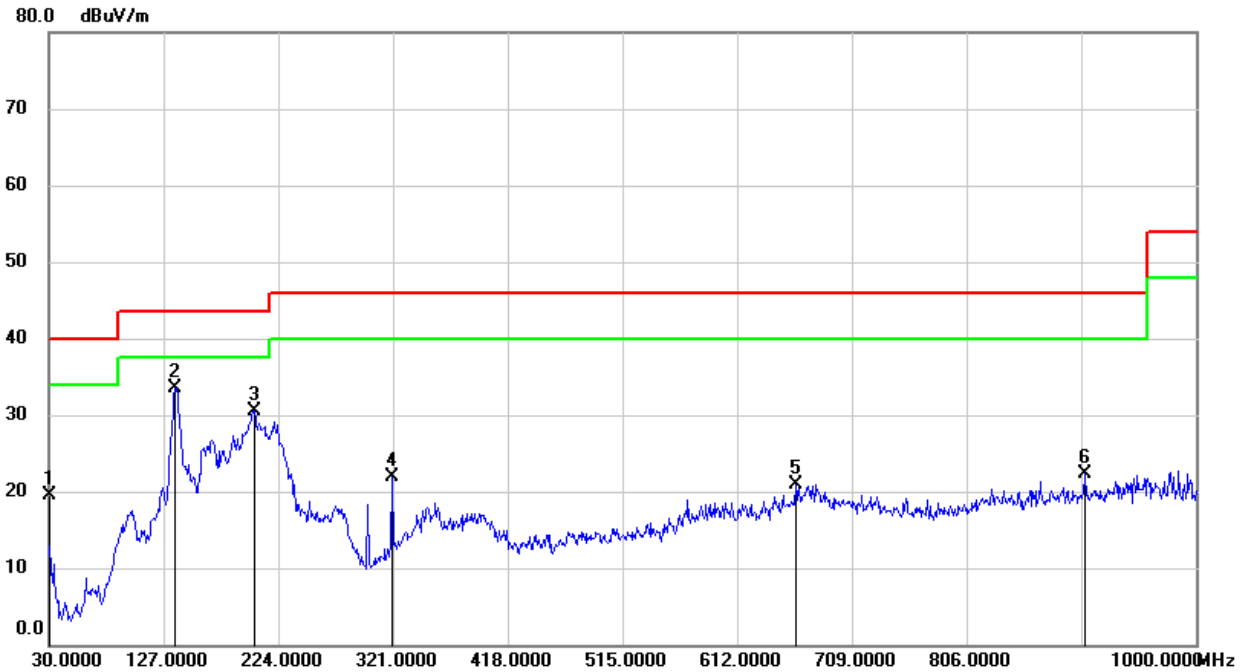
Remark:

Result = Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit



Test Mode:	Mode 2
Test Voltage:	DC 6.4V

Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	38.51	-19.04	19.47	40.00	-20.53	QP
2	136.7000	52.68	-19.23	33.45	43.50	-10.05	QP
3	203.6300	47.30	-16.81	30.49	43.50	-13.01	QP
4	320.0300	37.11	-15.11	22.00	46.00	-24.00	QP
5	661.4699	30.10	-9.19	20.91	46.00	-25.09	QP
6	905.9100	27.86	-5.59	22.27	46.00	-23.73	QP

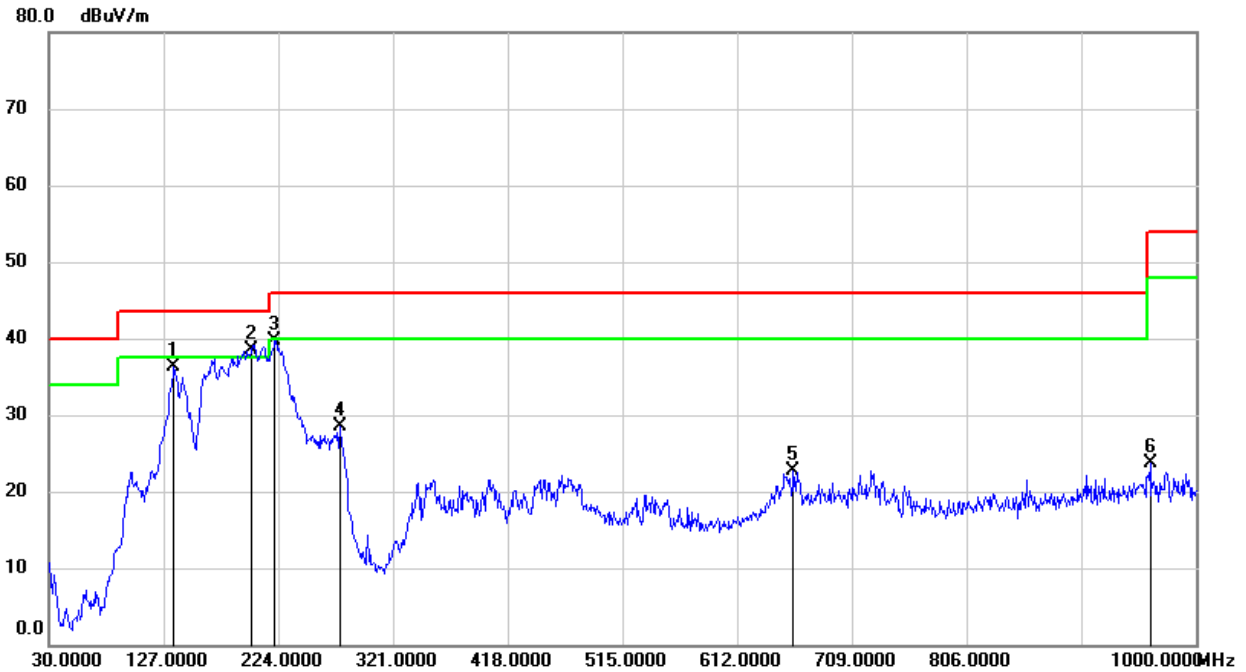
Remark:

Result = Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit



Test Mode:	Mode 2
Test Voltage:	DC 6.4V

Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	135.7300	55.53	-19.28	36.25	43.50	-7.25	QP
2	201.6900	55.14	-16.68	38.46	43.50	-5.04	QP
3	221.0900	58.15	-18.46	39.69	46.00	-6.31	QP
4	276.3800	45.86	-17.45	28.41	46.00	-17.59	QP
5	659.5300	31.90	-9.20	22.70	46.00	-23.30	QP
6	961.2000	28.79	-5.01	23.78	54.00	-30.22	QP

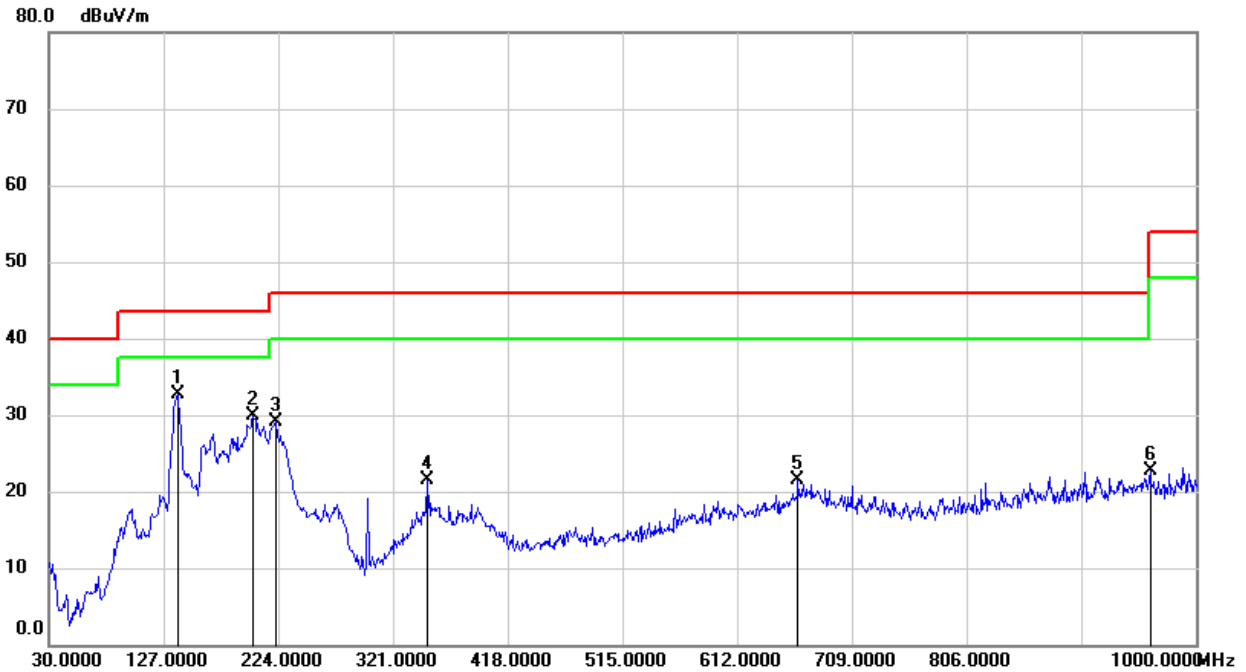
Remark:

Result = Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit



Test Mode:	Mode 3
Test Voltage:	DC 6.4V

Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	138.6400	51.75	-19.13	32.62	43.50	-10.88	QP
2	202.6600	46.66	-16.75	29.91	43.50	-13.59	QP
3	222.0600	47.59	-18.52	29.07	46.00	-16.93	QP
4	350.1000	36.03	-14.57	21.46	46.00	-24.54	QP
5	663.4099	30.76	-9.18	21.58	46.00	-24.42	QP
6	961.2000	27.77	-5.01	22.76	54.00	-31.24	QP

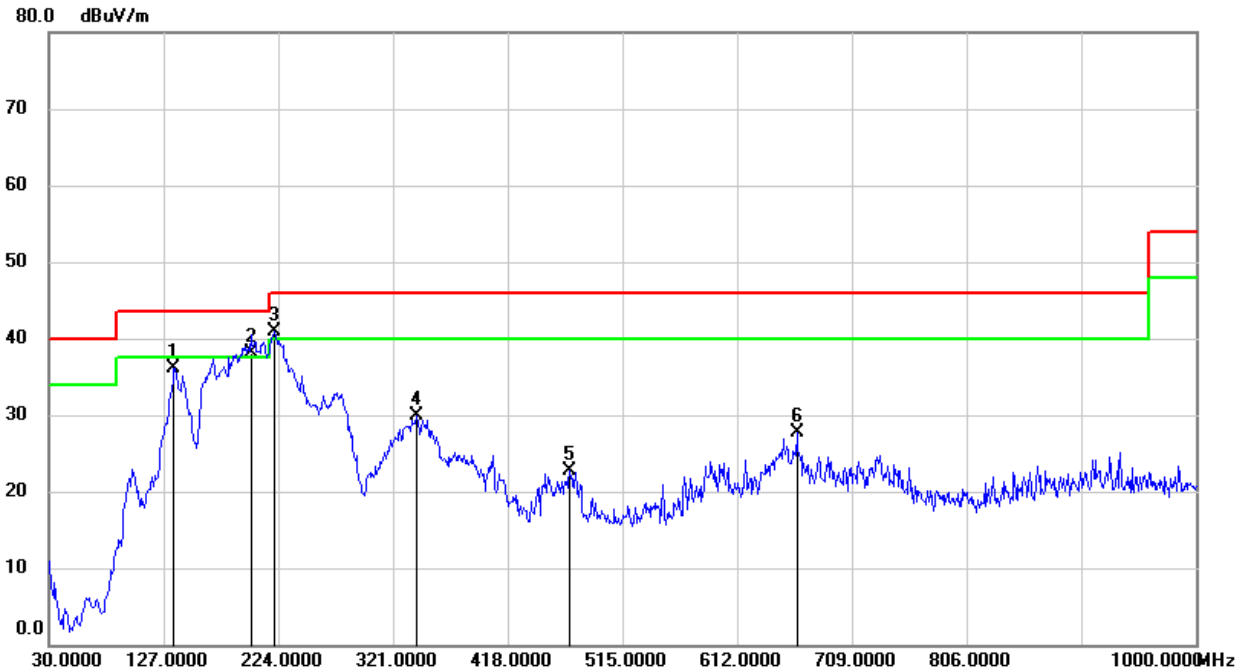
Remark:

Result = Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit



Test Mode:	Mode 3
Test Voltage:	DC 6.4V

Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	135.7300	55.38	-19.28	36.10	43.50	-7.40	QP
2	200.7200	54.74	-16.60	38.14	43.50	-5.36	QP
3	221.0900	59.28	-18.46	40.82	46.00	-5.18	QP
4	340.4000	44.51	-14.69	29.82	46.00	-16.18	QP
5	470.3800	34.82	-12.03	22.79	46.00	-23.21	QP
6	662.4400	36.98	-9.19	27.79	46.00	-18.21	QP

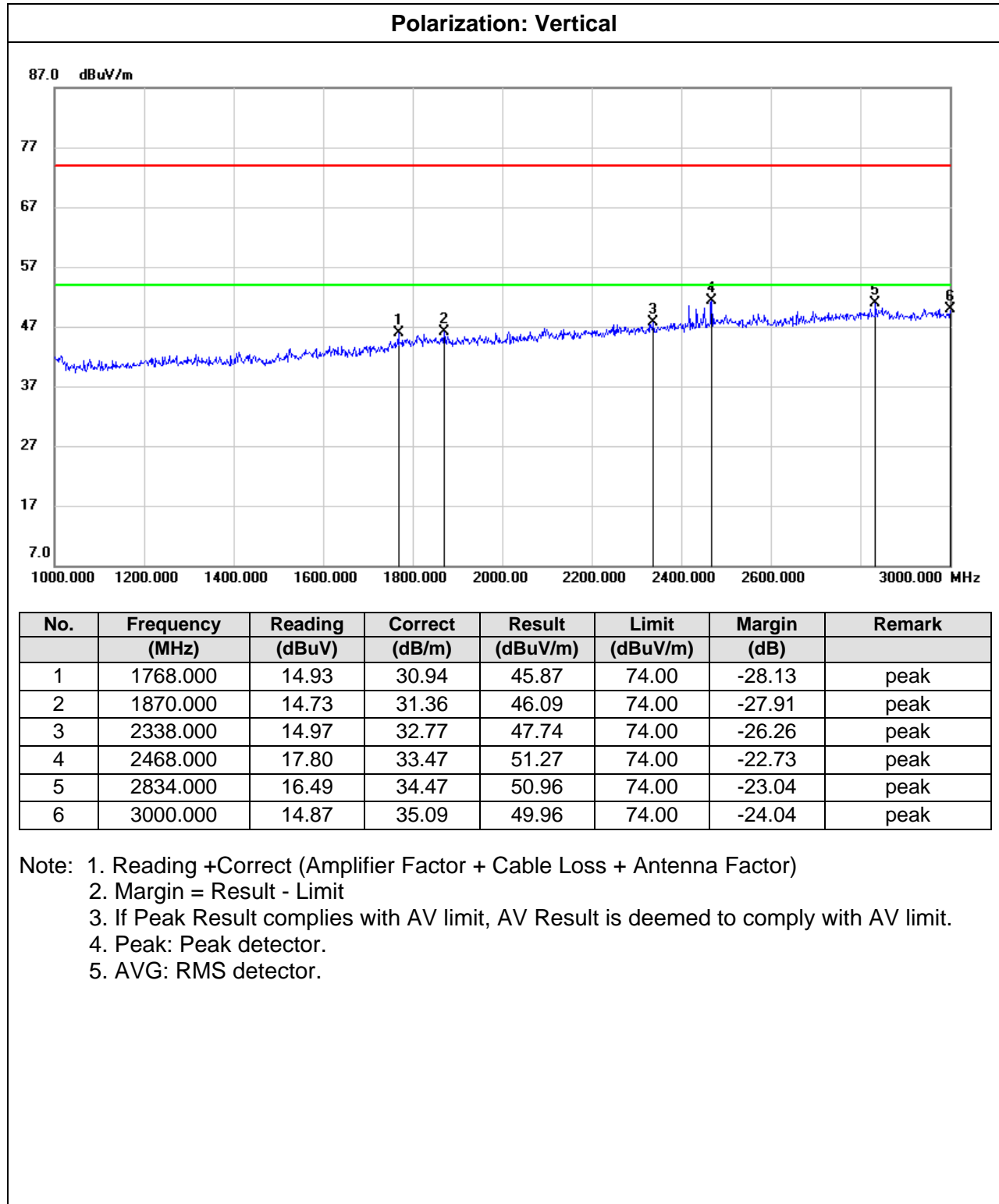
Remark:

Result = Reading + Correct (Amplifier Factor + Cable Loss + Antenna Factor)

Margin = Result - Limit

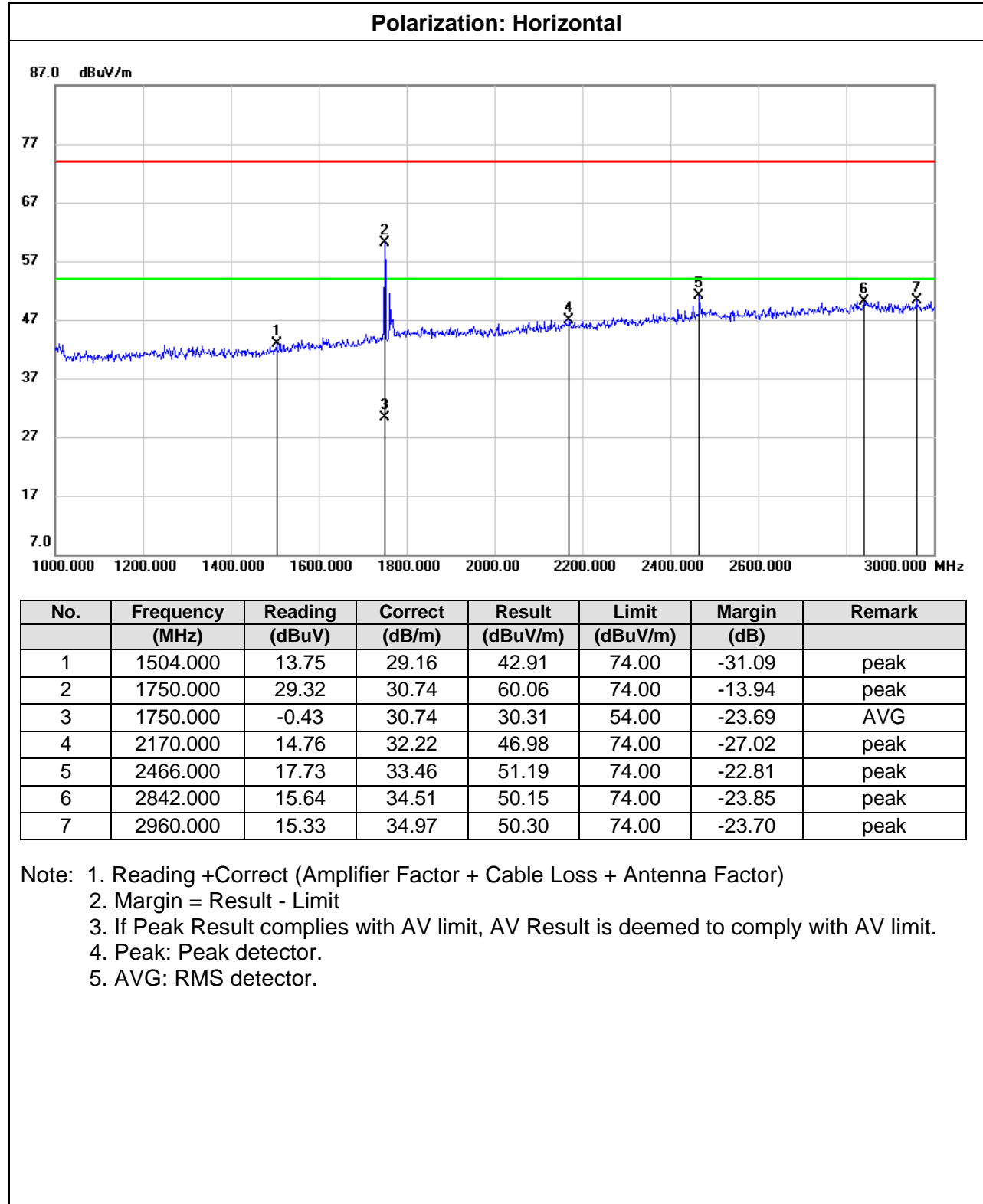
**7.2.6. Test Results – above 1GHz**

Test Mode:	Mode 2
Test Voltage:	DC 6.4V



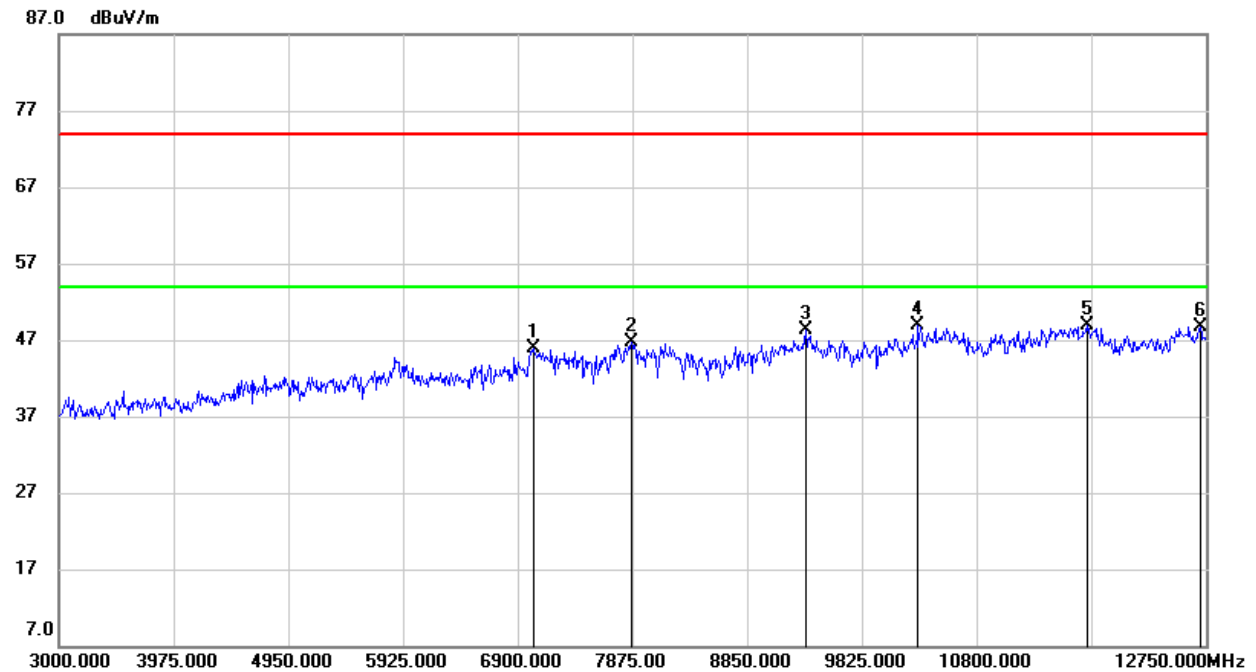


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Test Voltage:	DC 6.4V

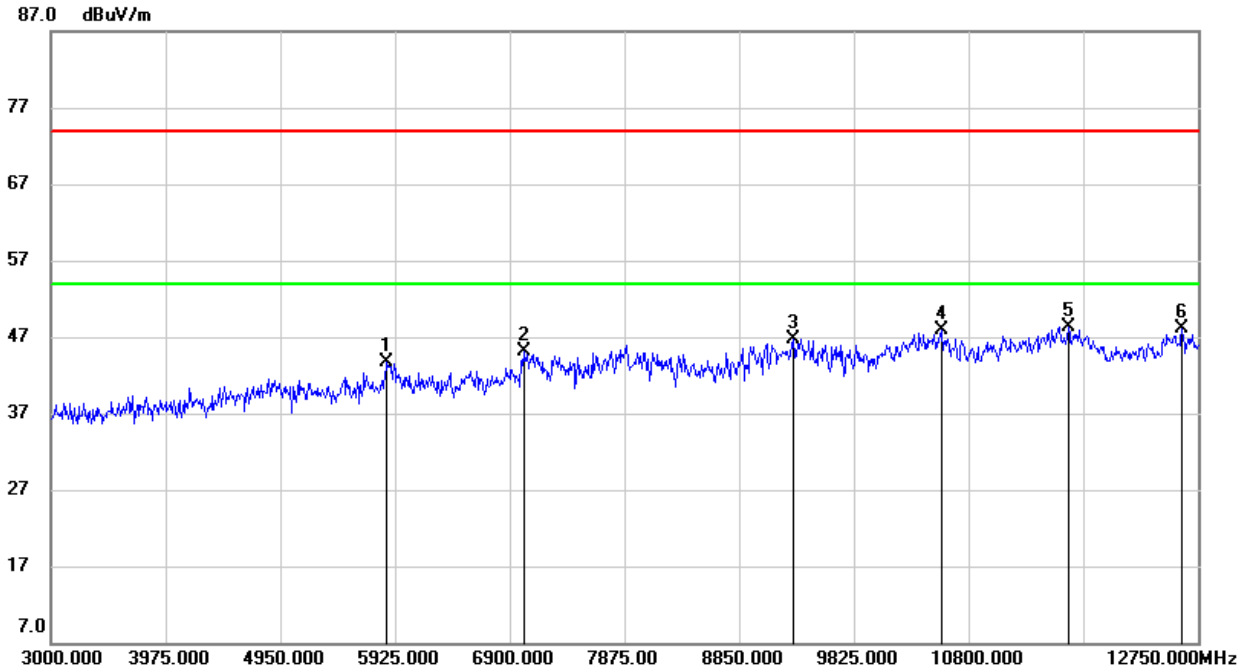
Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7036.500	40.05	5.81	45.86	74.00	-28.14	peak
2	7865.250	39.31	7.48	46.79	74.00	-27.21	peak
3	9347.250	39.03	9.27	48.30	74.00	-25.70	peak
4	10302.750	37.79	11.07	48.86	74.00	-25.14	peak
5	11736.000	35.89	13.04	48.93	74.00	-25.07	peak
6	12701.250	34.42	14.31	48.73	74.00	-25.27	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.



Test Mode:	Mode 2
Test Voltage:	DC 6.4V

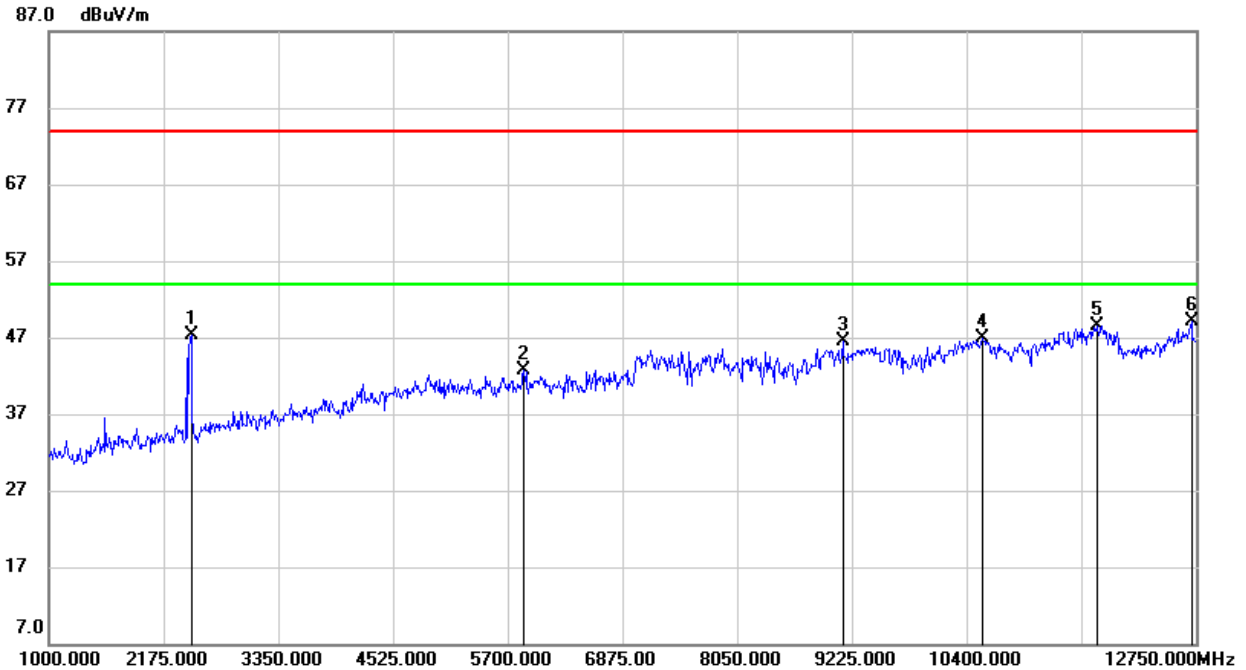
Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5856.750	39.46	4.16	43.62	74.00	-30.38	peak
2	7017.000	39.40	5.78	45.18	74.00	-28.82	peak
3	9308.250	37.74	9.04	46.78	74.00	-27.22	peak
4	10566.000	36.21	11.76	47.97	74.00	-26.03	peak
5	11648.250	35.23	13.07	48.30	74.00	-25.70	peak
6	12613.500	33.99	14.03	48.02	74.00	-25.98	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.



Test Mode:	Mode 3
Test Voltage:	DC 6.4V

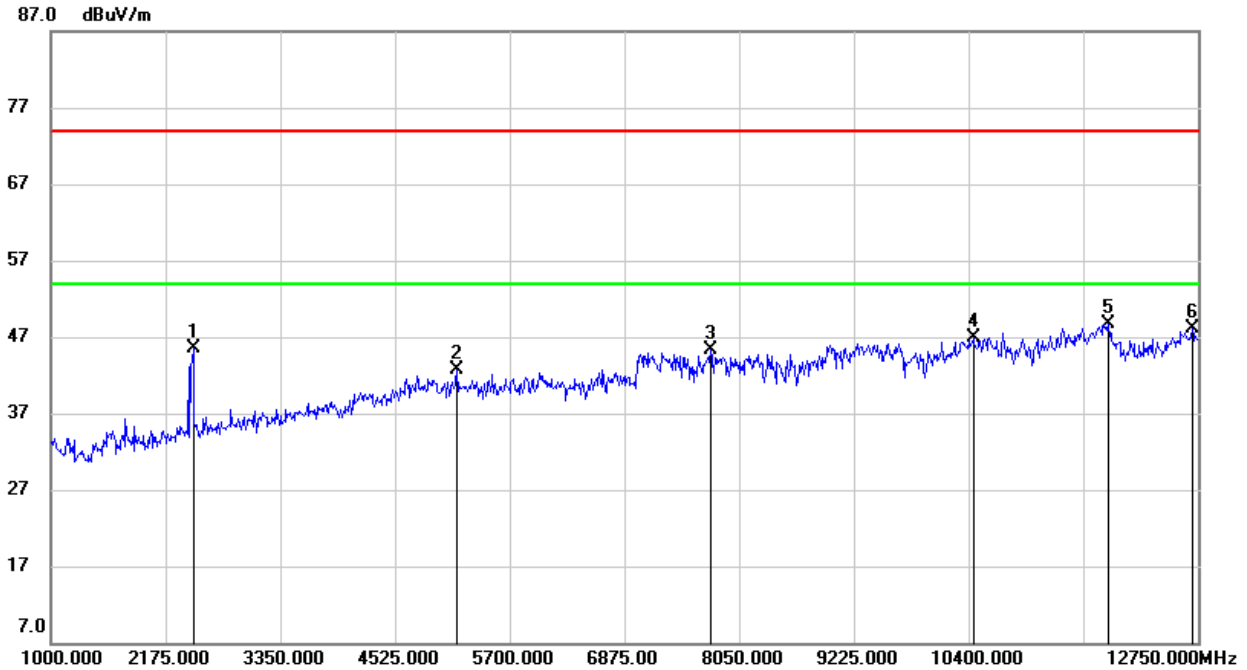
Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.000	55.84	-8.55	47.29	74.00	-26.71	peak
2	5864.500	40.57	2.16	42.73	74.00	-31.27	peak
3	9131.000	38.18	8.25	46.43	74.00	-27.57	peak
4	10564.500	36.37	10.63	47.00	74.00	-27.00	peak
5	11739.500	35.41	13.14	48.55	74.00	-25.45	peak
6	12703.000	35.11	13.91	49.02	74.00	-24.98	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. AVG: RMS detector.



Test Mode:	Mode 3
Test Voltage:	DC 6.4V

Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.000	54.02	-8.55	45.47	74.00	-28.53	peak
2	5159.500	40.90	1.71	42.61	74.00	-31.39	peak
3	7756.250	39.21	6.03	45.24	74.00	-28.76	peak
4	10447.000	36.82	10.16	46.98	74.00	-27.02	peak
5	11833.500	35.37	13.38	48.75	74.00	-25.25	peak
6	12691.250	34.22	13.88	48.10	74.00	-25.90	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. AVG: RMS detector.

END OF REPORT