FCC Part15, Subpart B

TEST REPORT

For

WisePOS 4G

MODEL NUMBER: WisePOS 4G

REPORT NUMBER: 4788704908.1

ISSUE DATE: December 11, 2018

Prepared for

BBPOS International Limited
Suite 1903-04, Tower 2, Nina Tower, 8 Yeung Uk Road, Tsuen Wan, NT, Hong Kong

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
--	12/11/2018	Initial Issue	

Summary of Test Results				
Standard	**Test Item**	**Limit**	**Result**	**Remark**
FCC Part15, Subpart B ANSI C63.4-2014	Conducted Disturbance	Class B	PASS	
	Radiated Disturbance below 1 GHz	Class B	PASS	
	Radiated Disturbance above 1 GHz	Class B	PASS	**NOTE (1)**

Note:
(1) 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.

CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	BBPOS International Limited
Address:	Suite 1903-04, Tower 2, Nina Tower, 8 Yeung Uk Road, Tsuen Wan, NT, Hong Kong

Manufacturer Information

Company Name:	BBPOS International Limited
Address:	Suite 1903-04, Tower 2, Nina Tower, 8 Yeung Uk Road, Tsuen Wan, NT, Hong Kong

EUT Information

EUT Name:	WisePOS 4G
Model:	WisePOS 4G
Brand:	BBPOS
Sample Received Date:	October 17, 2018
Date of Tested:	October 17, 2018 ~ October 18, 2018

APPLICABLE STANDARDS	
STANDARDS	**TEST RESULTS**
FCC Part15, Subpart B **ANSI C63.4-2014**	**PASS**

Prepared By:

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC Part15 Subpart B, ANSI C63.4-2014.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**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. **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 **IC(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. **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

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
Radiated emissions	18GHz ~ 40GHz	2	5.64
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	WisePOS 4G
Model	WisePOS 4G
Rated Input	DC 5V 1A

5.2. Test Mode

Test mode	2G3G4G	wifi	BT	USB	Camera	GPS	NFC
1	Idle	on	on	Charging +USB Read/Write	on	on	on

2	Receive mode(LTE Band 5)	Low	Middle	High
	Channel	2450	2525	2600
	Frequency	874	881.5	889
3	Receive mode(LTE Band 17)	Low	Middle	High
	Channel	5780	5790	5800
	Frequency	739	740	741

Note: For Mode 2 and Mode 3, according to pre-test results, the final test mode(LTE Band 5 high channel and LTE Band 17 high channel) are each independent function's worst case and only shown in the report.

5.3. EUT Accessory

Item	Accessory	Brand Name	Model Name	Description
1	USB Cable	/	/	Shield, 1.2m

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	PC	Lenovo	E42-80	N/A	R303U5EB
2	Headphone	Sony	N/A	N/A	N/A
3	Mouse	Lenovo	MO28UOB	USB port	8SSM50G45918FCCC1545
4	Adapter	XIAOMI	MDY-08-EF	5Vdc,2A	15120026342

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

Item	Type of cable	Shielded Type	Ferrite Core	Specification
1	USB Cable	YES	NO	1.2m

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. 12, 2017	Dec. 12, 2018
Two-Line V-Network	R&S	ENV216	101983	Dec. 12, 2017	Dec. 12, 2018
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Dec. 12, 2017	Dec. 12, 2018
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.	Next Cal.
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec. 12, 2017	Dec. 12, 2018
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jan. 09, 2016	Jan. 09, 2019
Preamplifier	HP	8447D	2944A09099	Dec. 12, 2017	Dec. 12, 2018
EMI Measurement Receiver	R&S	ESR26	101377	Dec. 12, 2017	Dec. 12, 2018
Horn Antenna	TDK	HRN-0118	130939	Jan. 09, 2016	Jan. 09, 2019
Horn Antenna	Schwarzbeck	BBHA9170	#691	Jan. 06, 2016	Jan. 06, 2019
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Dec. 12, 2017	Dec. 12, 2018
Preamplifier	TDK	PA-02-2	TRS-307-00003	Dec. 12, 2017	Dec. 12, 2018
Preamplifier	TDK	PA-02-3	TRS-308-00002	Dec. 12, 2017	Dec. 12, 2018
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

7. EMISSION TEST

7.1. Conducted Disturbance Measurement

7.1.1. Limits of conducted disturbance voltage

FREQUENCY (MHz)	Class A (dBμV)		Class B (dBμV)	
	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.

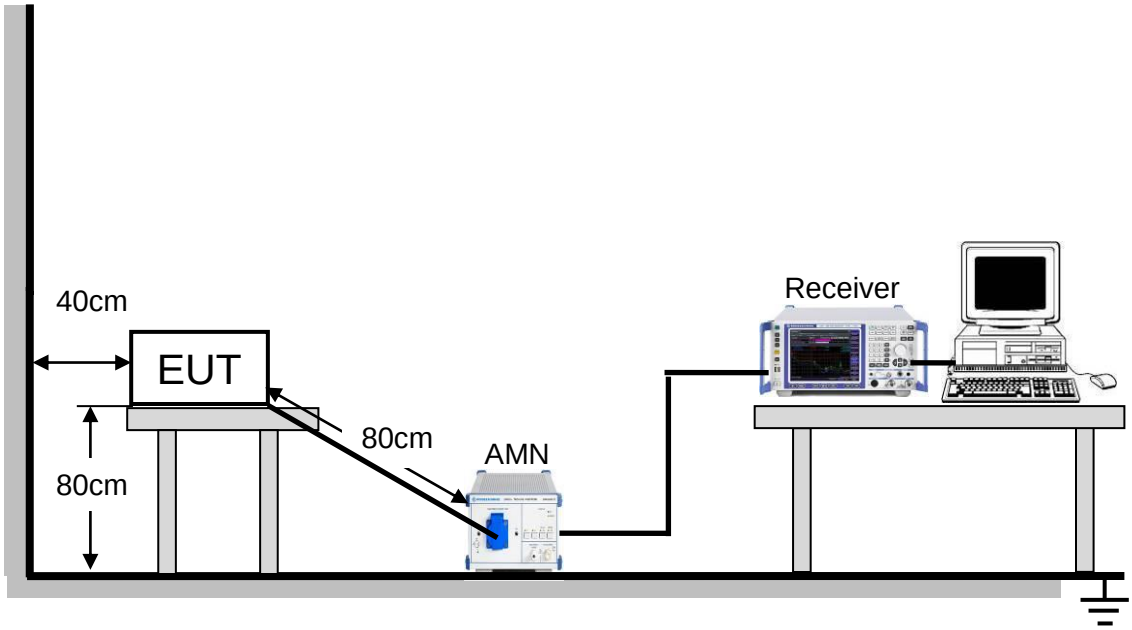
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. 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: 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:	25℃
Humidity:	52%
ATM pressure:	101kPa

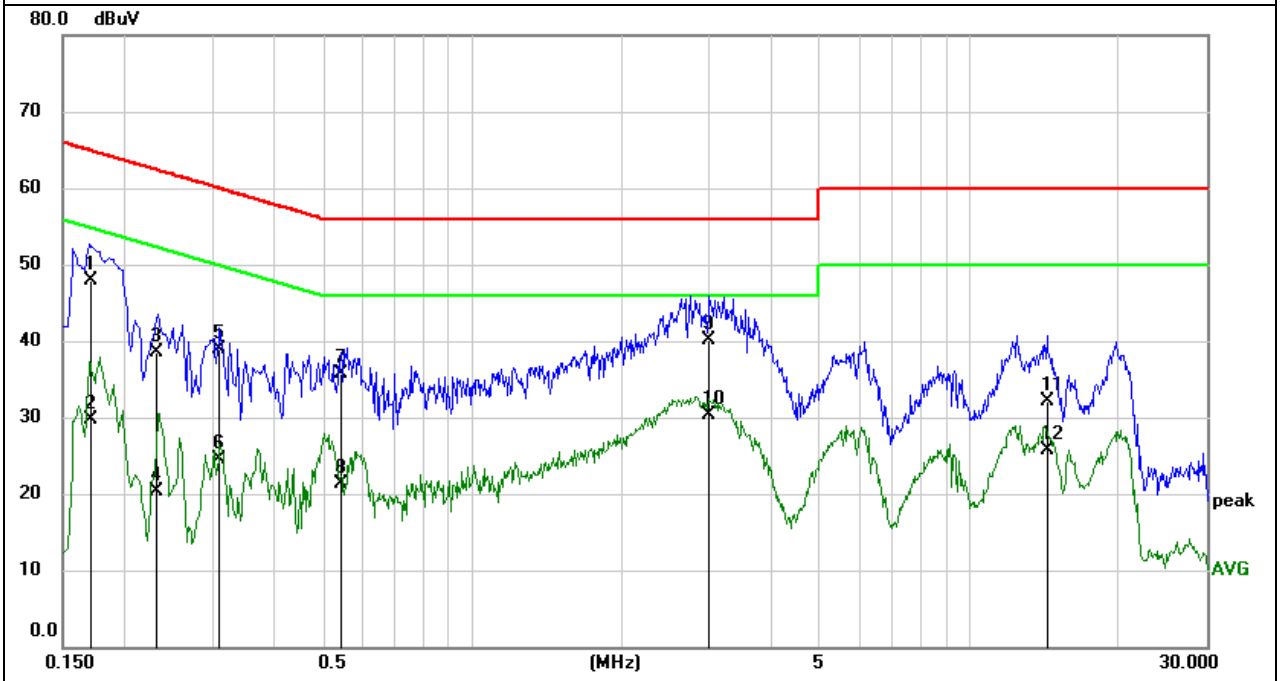
7.1.5. Test Mode

Pre-test Mode:	Mode 1 ~ Mode 3
Final Test Mode:	Mode 1 ~ Mode 3

7.1.6. Test Results

Test Mode:	Mode 1

Phase: Line

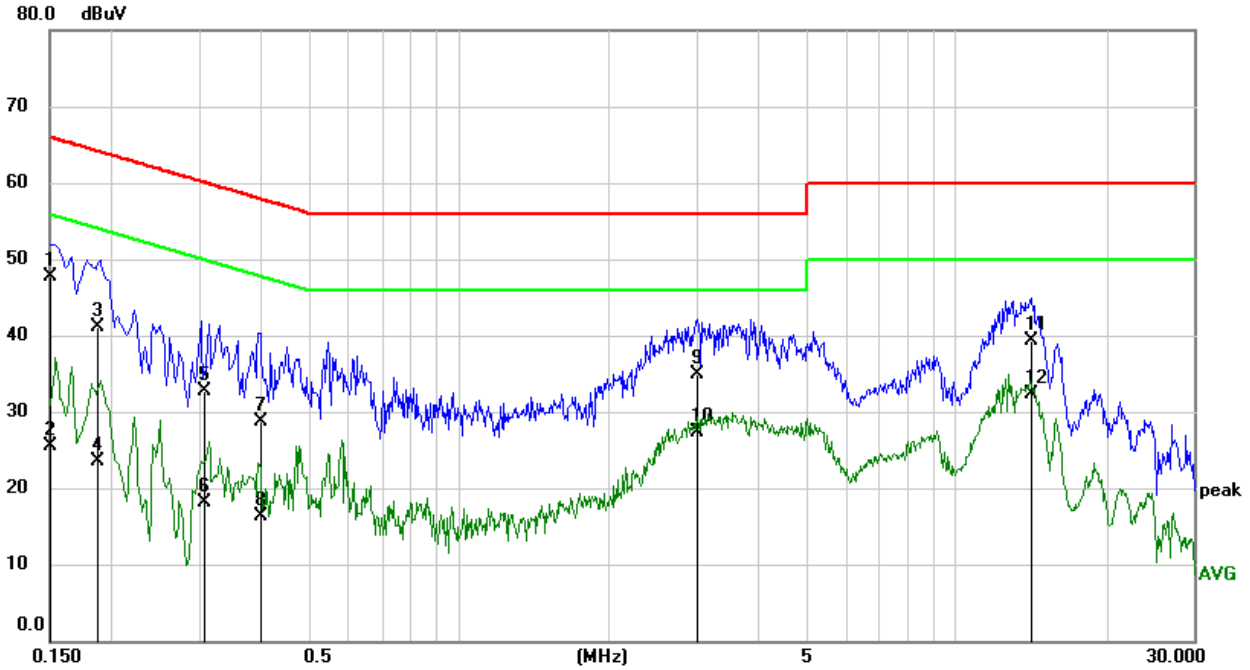


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1717	38.19	9.63	47.82	64.88	-17.06	QP
2	0.1717	20.05	9.63	29.68	54.88	-25.20	AVG
3	0.2304	28.87	9.63	38.50	62.44	-23.94	QP
4	0.2304	10.58	9.63	20.21	52.44	-32.23	AVG
5	0.3069	29.21	9.63	38.84	60.05	-21.21	QP
6	0.3069	14.81	9.63	24.44	50.05	-25.61	AVG
7	0.5454	26.10	9.63	35.73	56.00	-20.27	QP
8	0.5454	11.74	9.63	21.37	46.00	-24.63	AVG
9	3.0080	30.33	9.68	40.01	56.00	-15.99	QP
10	3.0080	20.70	9.68	30.38	46.00	-15.62	AVG
11	14.3359	22.22	9.85	32.07	60.00	-27.93	QP
12	14.3359	15.86	9.85	25.71	50.00	-24.29	AVG

Remark:
Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Phase: Neutral

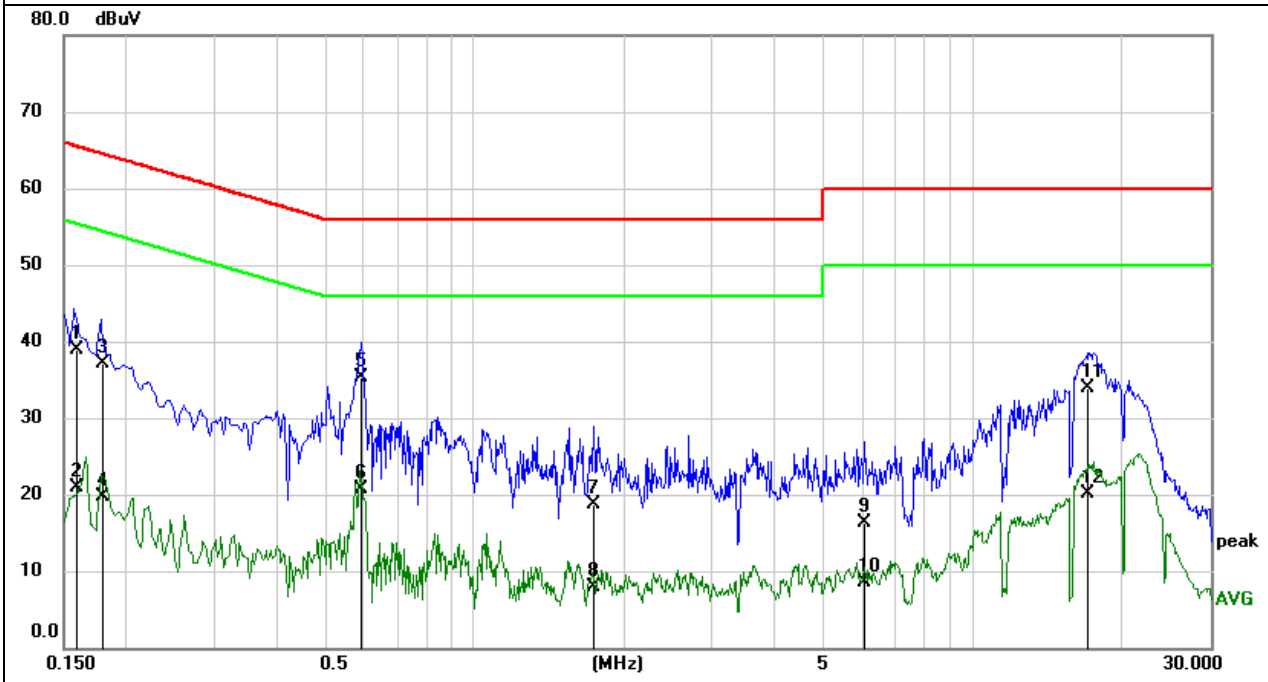


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1505	38.16	9.64	47.80	65.97	-18.17	QP
2	0.1505	15.78	9.64	25.42	55.97	-30.55	AVG
3	0.1873	31.57	9.63	41.20	64.16	-22.96	QP
4	0.1873	13.94	9.63	23.57	54.16	-30.59	AVG
5	0.3064	23.03	9.63	32.66	60.07	-27.41	QP
6	0.3064	8.44	9.63	18.07	50.07	-32.00	AVG
7	0.3974	19.10	9.63	28.73	57.91	-29.18	QP
8	0.3974	6.60	9.63	16.23	47.91	-31.68	AVG
9	3.0208	25.32	9.68	35.00	56.00	-21.00	QP
10	3.0208	17.72	9.68	27.40	46.00	-18.60	AVG
11	14.1111	29.36	9.87	39.23	60.00	-20.77	QP
12	14.1111	22.48	9.87	32.35	50.00	-17.65	AVG

Remark:
Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Phase: Line

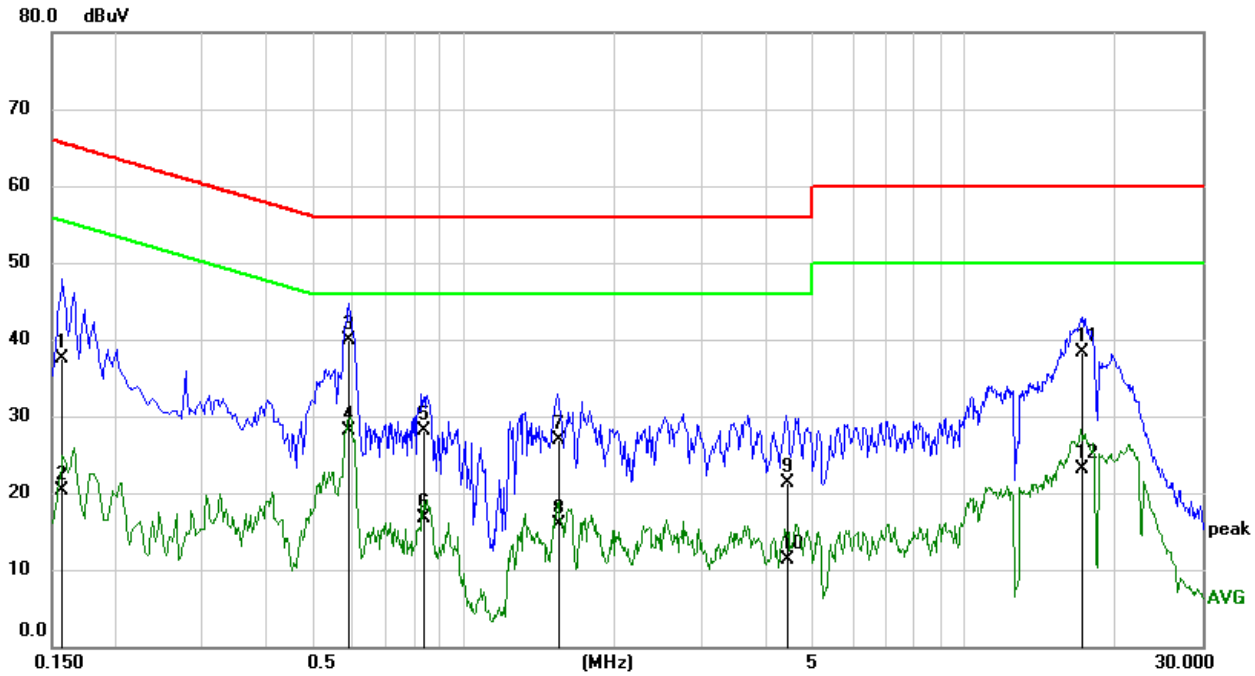


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1593	29.20	9.64	38.84	65.50	-26.66	QP
2	0.1593	11.20	9.64	20.84	55.50	-34.66	AVG
3	0.1805	27.46	9.63	37.09	64.46	-27.37	QP
4	0.1805	10.02	9.63	19.65	54.46	-34.81	AVG
5	0.5902	25.69	9.64	35.33	56.00	-20.67	QP
6	0.5902	11.00	9.64	20.64	46.00	-25.36	AVG
7	1.7305	8.98	9.65	18.63	56.00	-37.37	QP
8	1.7305	-1.68	9.65	7.97	46.00	-38.03	AVG
9	6.0771	6.50	9.76	16.26	60.00	-43.74	QP
10	6.0771	-1.20	9.76	8.56	50.00	-41.44	AVG
11	16.9389	24.10	9.83	33.93	60.00	-26.07	QP
12	16.9389	10.20	9.83	20.03	50.00	-29.97	AVG

Remark:
Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Phase: Neutral

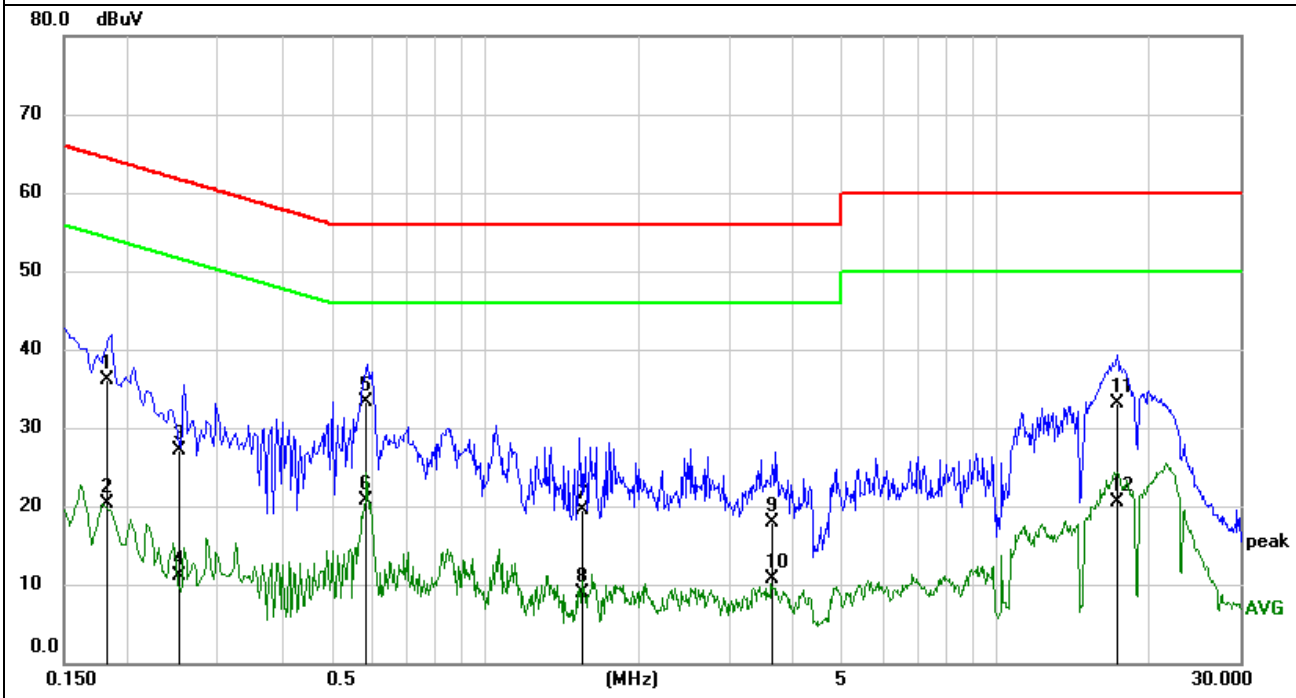


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1564	27.90	9.64	37.54	65.65	-28.11	QP
2	0.1564	10.66	9.64	20.30	55.65	-35.35	AVG
3	0.5907	30.25	9.64	39.89	56.00	-16.11	QP
4	0.5907	18.45	9.64	28.09	46.00	-17.91	AVG
5	0.8343	18.42	9.64	28.06	56.00	-27.94	QP
6	0.8343	6.99	9.64	16.63	46.00	-29.37	AVG
7	1.5506	17.20	9.65	26.85	56.00	-29.15	QP
8	1.5506	6.20	9.65	15.85	46.00	-30.15	AVG
9	4.4553	11.58	9.70	21.28	56.00	-34.72	QP
10	4.4553	1.59	9.70	11.29	46.00	-34.71	AVG
11	17.2635	28.50	9.84	38.34	60.00	-21.66	QP
12	17.2635	13.20	9.84	23.04	50.00	-26.96	AVG

Remark:
Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	Mode 3(High channel)

Phase: Line

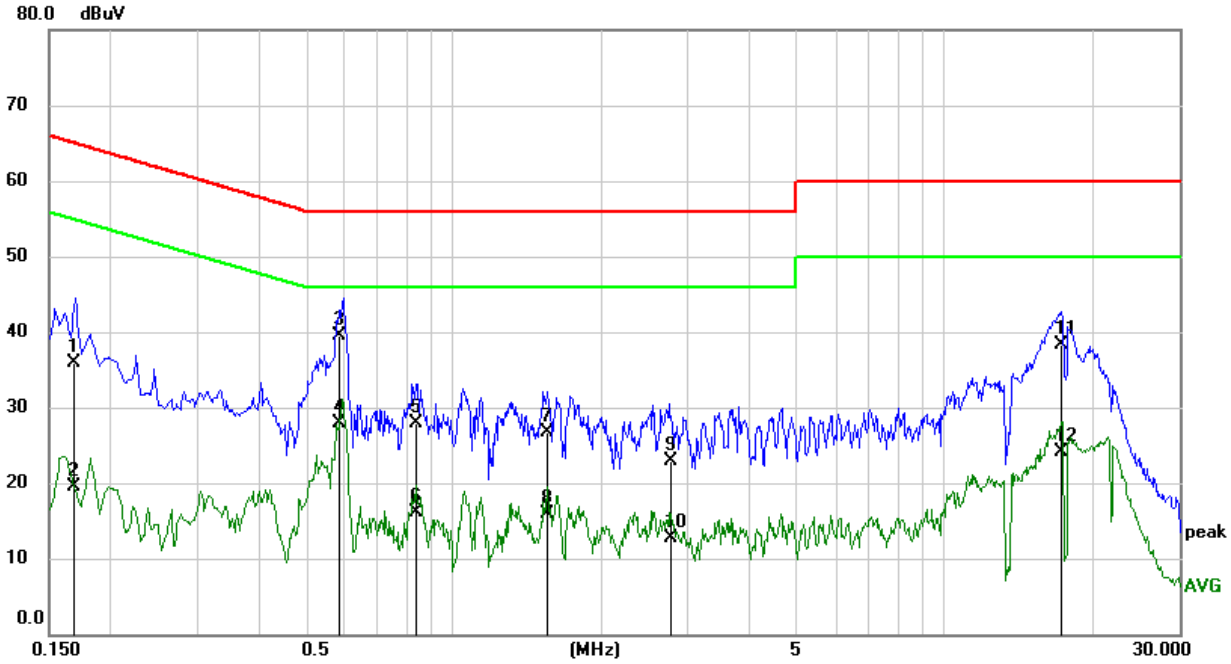


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1815	26.52	9.63	36.15	64.42	-28.27	QP
2	0.1815	10.63	9.63	20.26	54.42	-34.16	AVG
3	0.2530	17.52	9.63	27.15	61.66	-34.51	QP
4	0.2530	1.54	9.63	11.17	51.66	-40.49	AVG
5	0.5851	23.62	9.64	33.26	56.00	-22.74	QP
6	0.5851	11.02	9.64	20.66	46.00	-25.34	AVG
7	1.5506	9.80	9.65	19.45	56.00	-36.55	QP
8	1.5506	-0.68	9.65	8.97	46.00	-37.03	AVG
9	3.6401	8.22	9.69	17.91	56.00	-38.09	QP
10	3.6401	1.00	9.69	10.69	46.00	-35.31	AVG
11	17.1962	23.21	9.84	33.05	60.00	-26.95	QP
12	17.1962	10.63	9.84	20.47	50.00	-29.53	AVG

Remark:
Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	Mode 3 (High channel)

Phase: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1679	26.25	9.63	35.88	65.06	-29.18	QP
2	0.1679	9.95	9.63	19.58	55.06	-35.48	AVG
3	0.5860	29.85	9.64	39.49	56.00	-16.51	QP
4	0.5860	18.22	9.64	27.86	46.00	-18.14	AVG
5	0.8349	18.23	9.64	27.87	56.00	-28.13	QP
6	0.8349	6.54	9.64	16.18	46.00	-29.82	AVG
7	1.5485	17.02	9.65	26.67	56.00	-29.33	QP
8	1.5485	6.25	9.65	15.90	46.00	-30.10	AVG
9	2.7706	13.20	9.68	22.88	56.00	-33.12	QP
10	2.7706	3.02	9.68	12.70	46.00	-33.30	AVG
11	17.2623	28.45	9.84	38.29	60.00	-21.71	QP
12	17.2623	14.20	9.84	24.04	50.00	-25.96	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

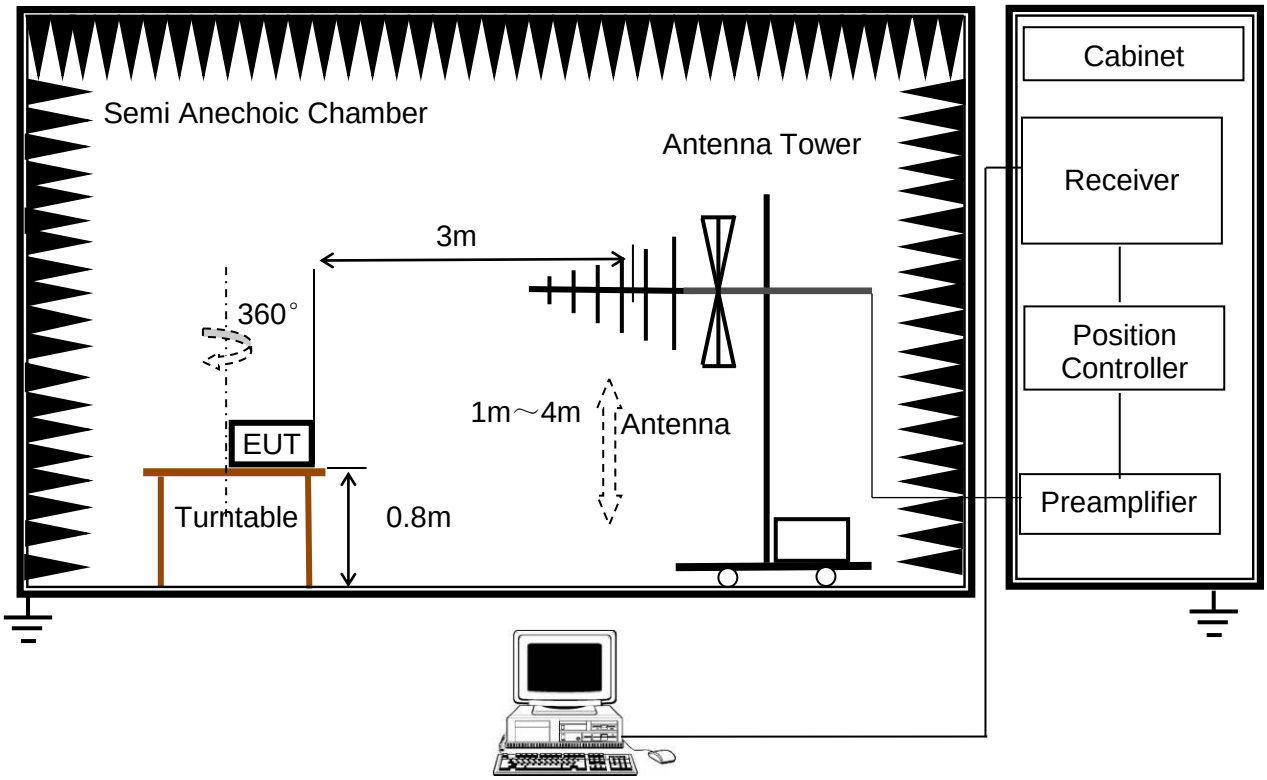
NOTE:
(1) The limit for radiated test was performed according to FCC Part 15, Subpart B;
(2) The tighter limit applies at the band edges;
(3) Emission level (dBuV/m) = 20log Emission level (uV/m),
3m Emission level = 10m Emission level + 20log(10m/3m);

7.2.2. Test Procedure

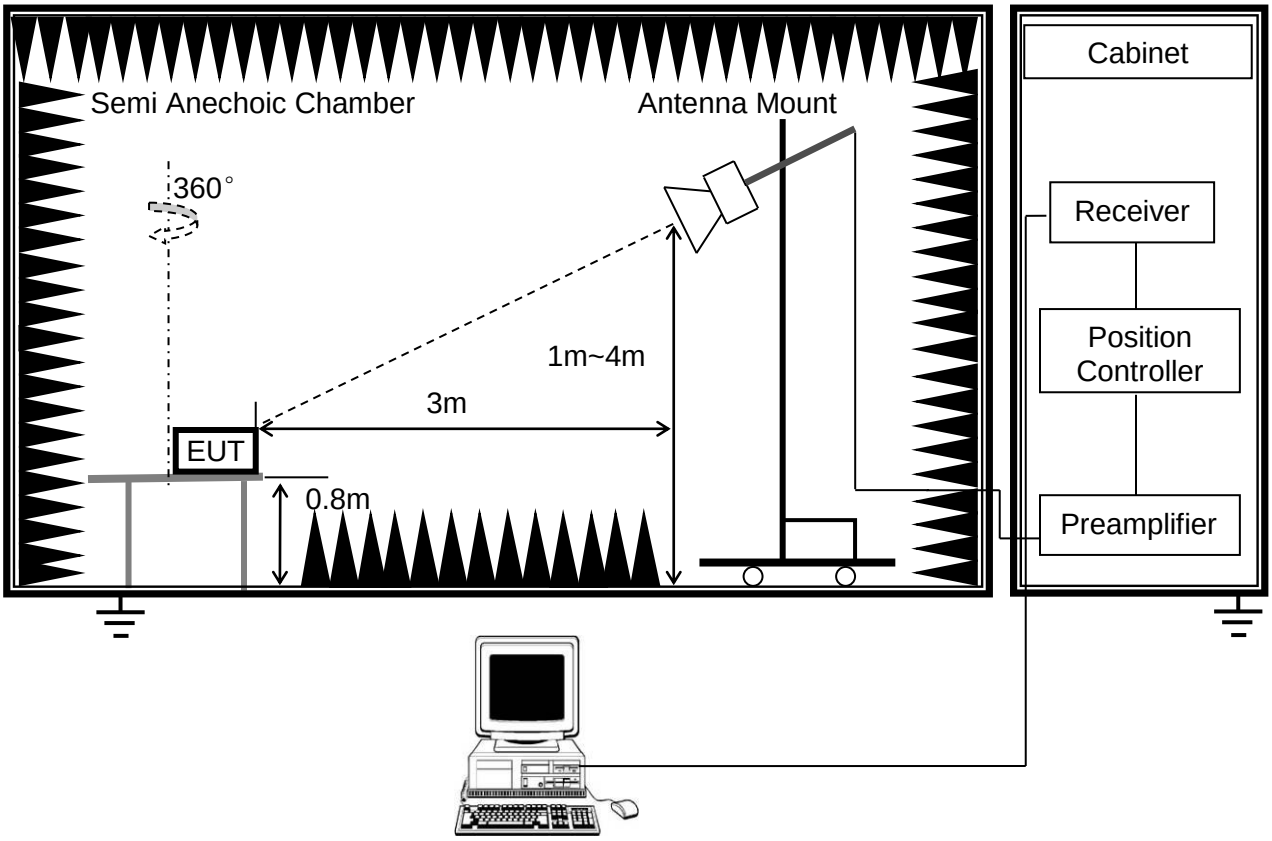
a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For the actual test configuration, please refer to the related Item:EUT Photographs of Test Configuration.

7.2.3. Test Setup

(a) Radiated Disturbance Test Set-Up Frequency 30MHz - 1GHz



(b) Radiated Disturbance Test Set-Up Frequency above 1GHz



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

7.2.4. Test Environment

Radiated Disturbance - below 1 GHz		Radiated Disturbance - above 1 GHz	
Temperature:	23.2℃	Temperature:	23.5℃
Humidity:	53%	Humidity:	54%
ATM pressure:	101kPa	ATM pressure:	101kPa

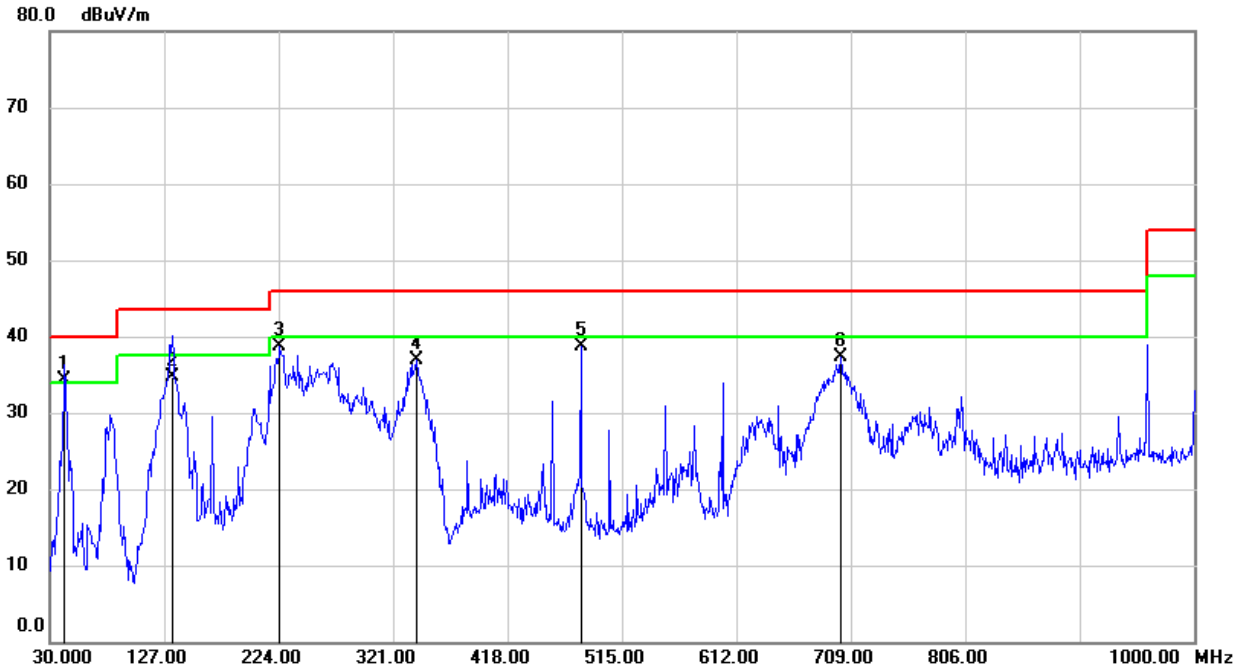
7.2.5. Test Mode

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 1 ~ Mode 3

7.2.6. Test Results – below 1GHz

Test Mode:	Mode 1

Polarization: Vertical

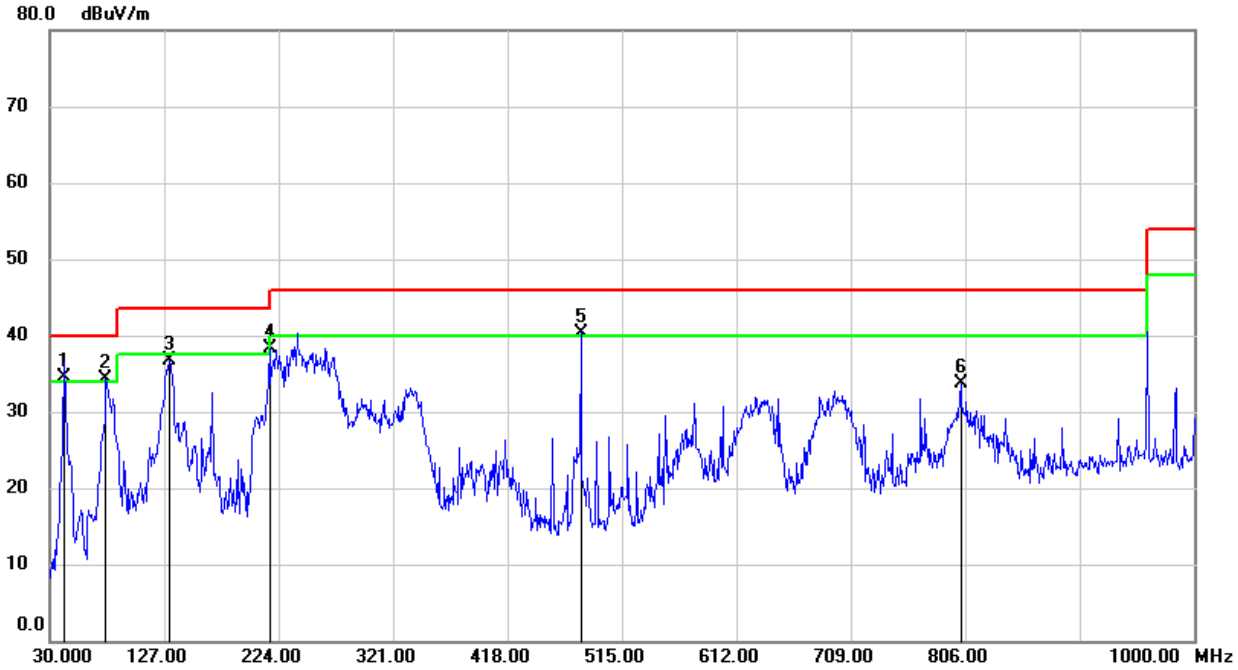


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.6100	52.56	-18.21	34.35	40.00	-5.65	QP
2	133.7899	54.23	-19.51	34.72	43.50	-8.78	QP
3	224.9700	56.56	-17.88	38.68	46.00	-7.32	QP
4	341.3700	50.60	-13.65	36.95	46.00	-9.05	QP
5	480.0800	49.94	-11.20	38.74	46.00	-7.26	QP
6	700.2700	44.11	-6.85	37.26	46.00	-8.74	QP

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Horizontal

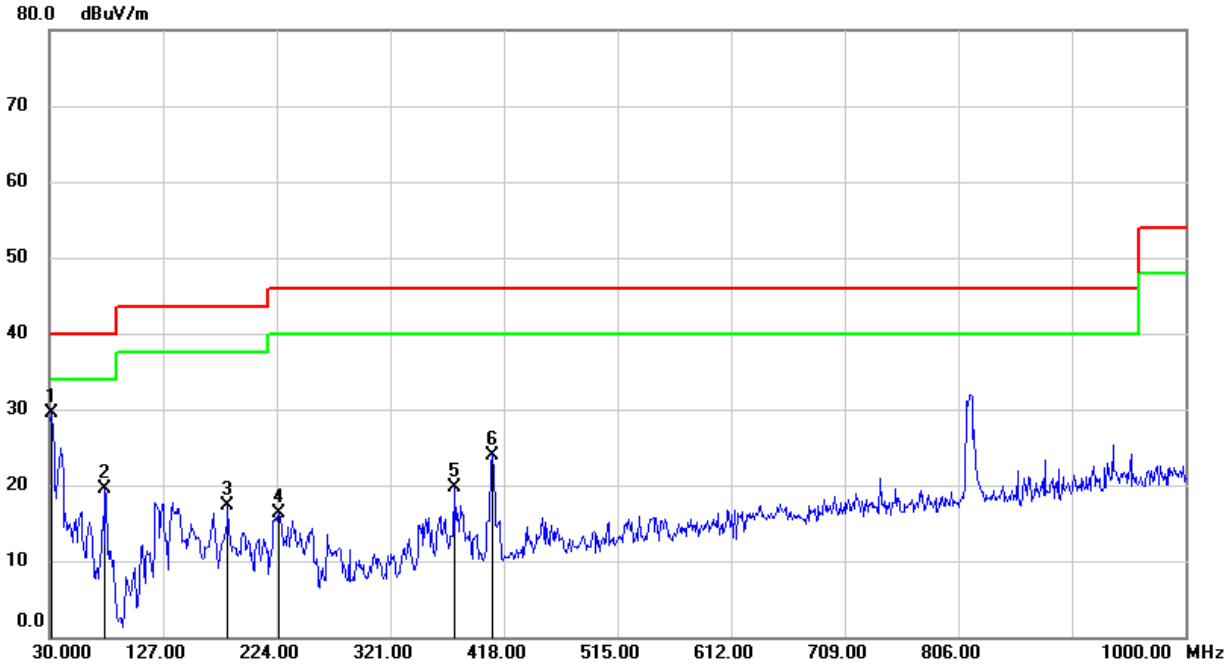


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.6100	52.68	-18.21	34.47	40.00	-5.53	QP
2	77.5300	54.88	-20.54	34.34	40.00	-5.66	QP
3	131.8500	56.30	-19.61	36.69	43.50	-6.81	QP
4	216.2400	55.68	-17.30	38.38	46.00	-7.62	QP
5	480.0800	51.45	-11.20	40.25	46.00	-5.75	QP
6	802.1200	39.14	-5.48	33.66	46.00	-12.34	QP

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Polarization: Vertical

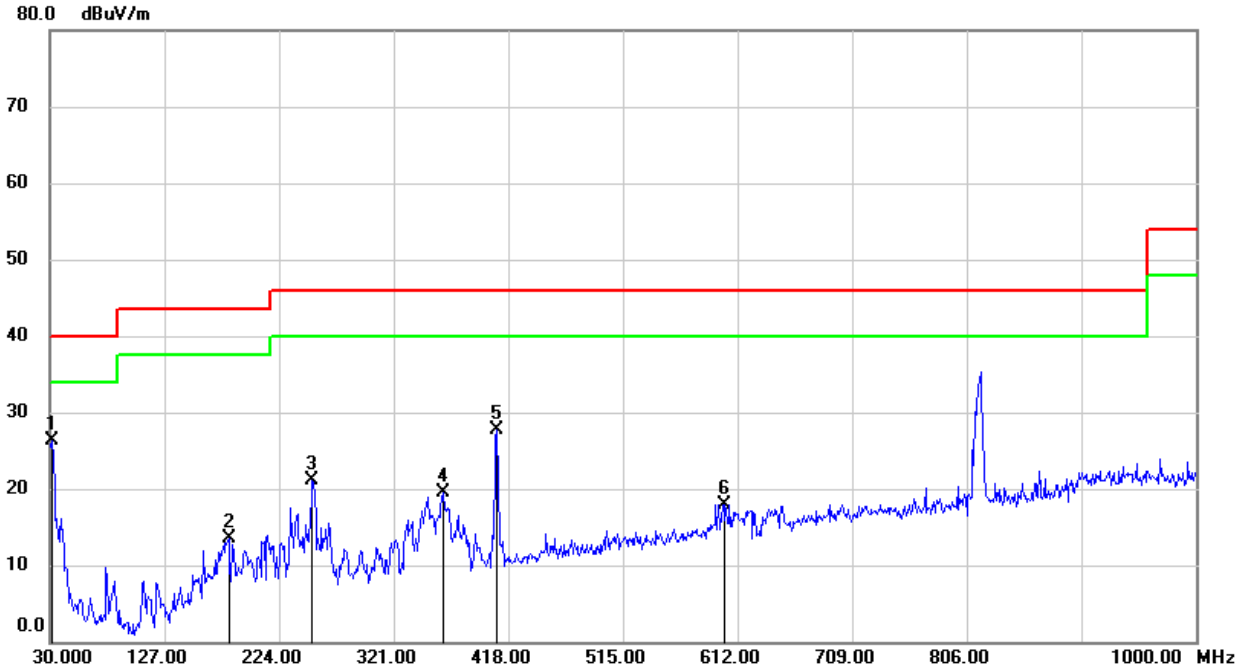


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	47.07	-17.53	29.54	40.00	-10.46	QP
2	77.5300	40.10	-20.69	19.41	40.00	-20.59	QP
3	182.2899	34.41	-17.18	17.23	43.50	-26.27	QP
4	225.9400	34.28	-17.89	16.39	46.00	-29.61	QP
5	375.3200	33.13	-13.40	19.73	46.00	-26.27	QP
6	408.3000	36.88	-12.88	24.00	46.00	-22.00	QP

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Polarization: Horizontal

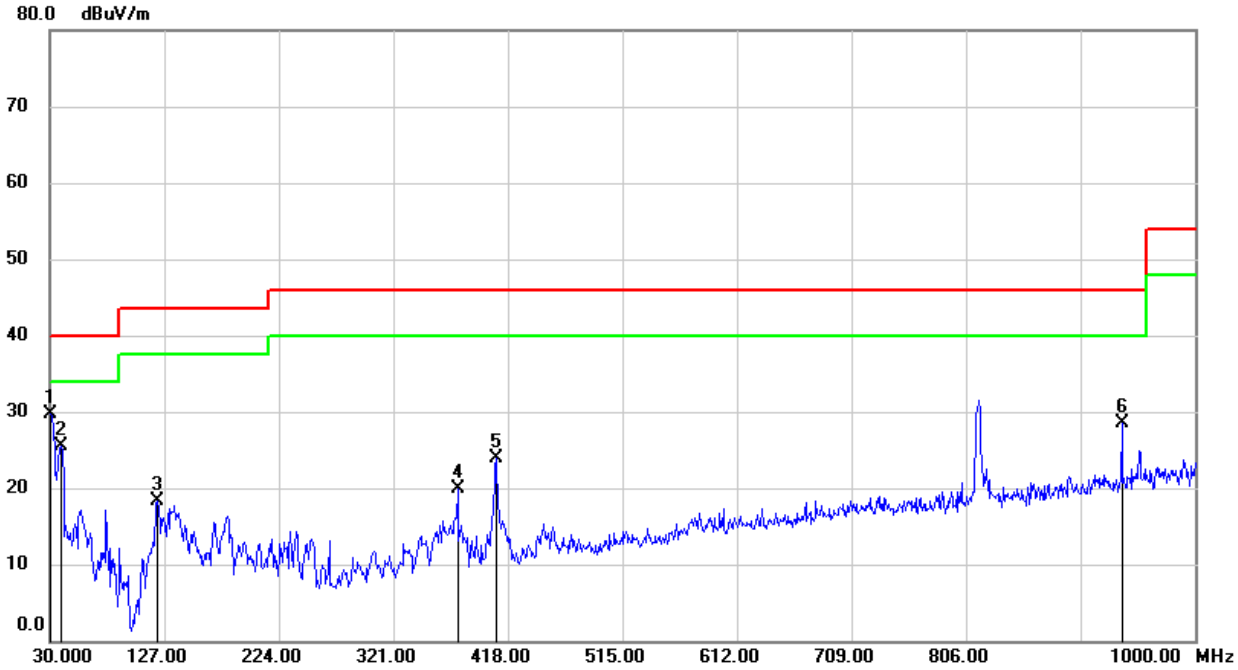


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	43.92	-17.53	26.39	40.00	-13.61	QP
2	181.3200	30.76	-17.21	13.55	43.50	-29.95	QP
3	252.1300	37.79	-16.62	21.17	46.00	-24.83	QP
4	362.7100	33.15	-13.65	19.50	46.00	-26.50	QP
5	408.3000	40.51	-12.88	27.63	46.00	-18.37	QP
6	600.3600	27.20	-9.20	18.00	46.00	-28.00	QP

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 3 (High channel)

Polarization: Vertical

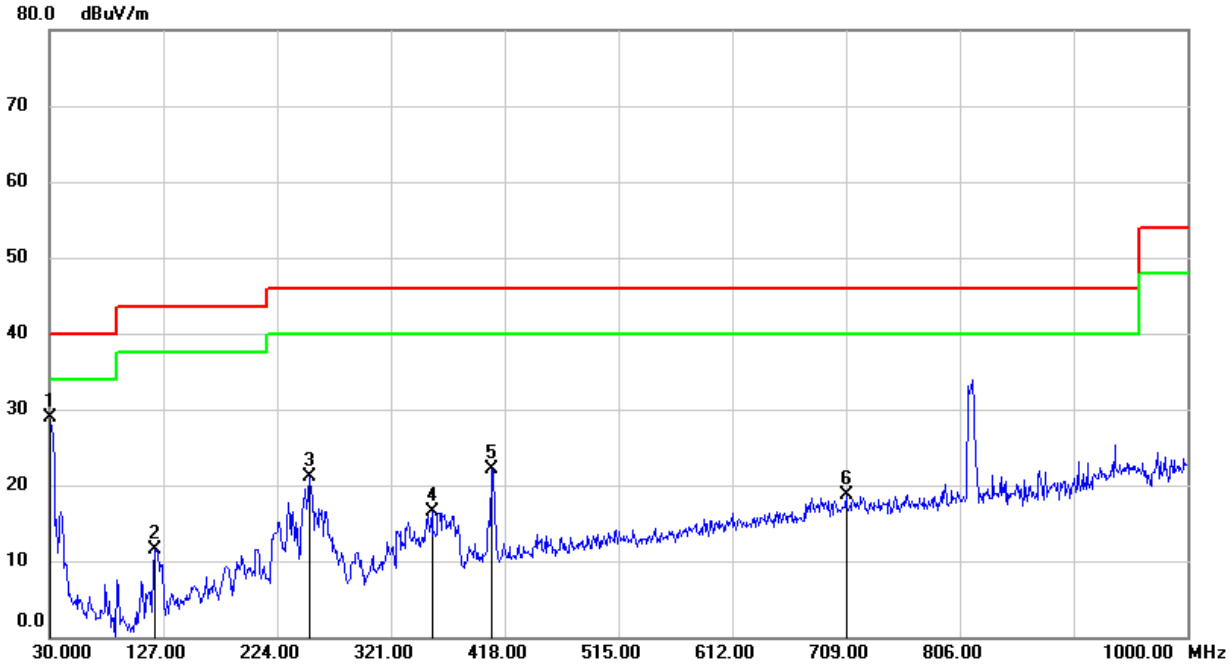


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	47.04	-17.38	29.66	40.00	-10.34	peak
2	39.7000	43.58	-18.17	25.41	40.00	-14.59	peak
3	121.1800	39.09	-20.80	18.29	43.50	-25.21	peak
4	375.3200	33.32	-13.40	19.92	46.00	-26.08	peak
5	408.3000	36.76	-12.88	23.88	46.00	-22.12	peak
6	937.9200	32.48	-4.05	28.43	46.00	-17.57	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 3(High channel)

Polarization: Horizontal



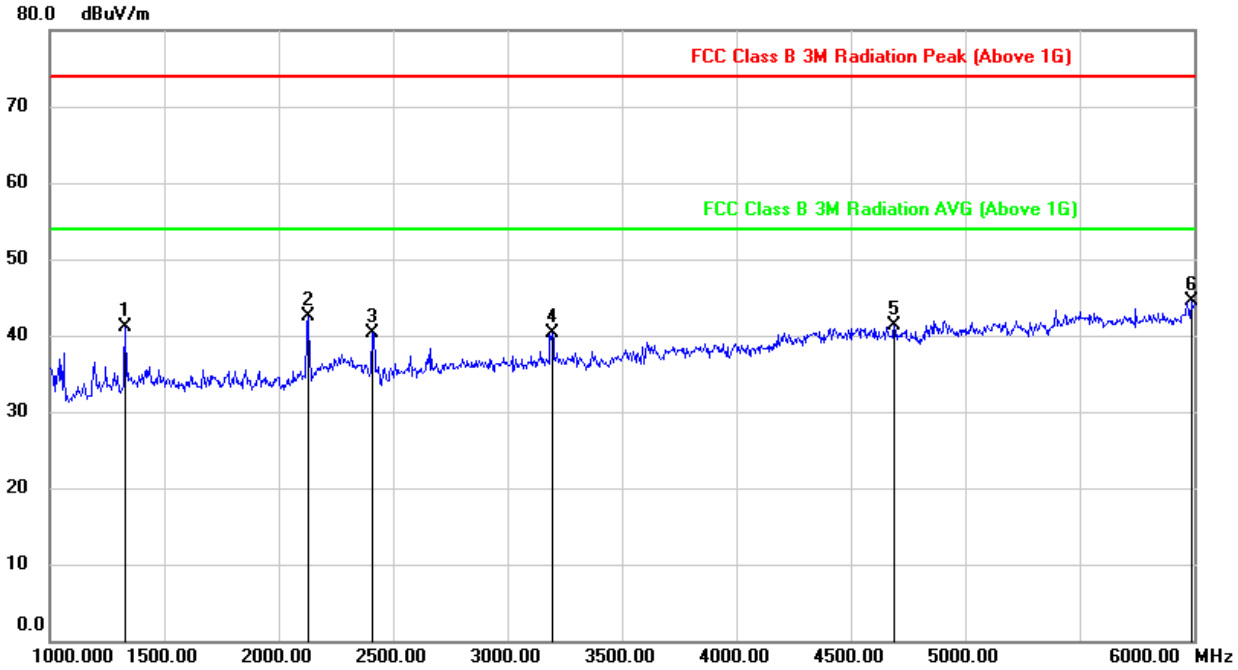
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	46.21	-17.24	28.97	40.00	-11.03	QP
2	120.2100	32.43	-20.88	11.55	43.50	-31.95	QP
3	252.1300	37.76	-16.62	21.14	46.00	-24.86	QP
4	355.9200	30.29	-13.75	16.54	46.00	-29.46	QP
5	406.3599	35.11	-12.93	22.18	46.00	-23.82	QP
6	709.0000	25.85	-7.11	18.74	46.00	-27.26	QP

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

7.2.7. Test Results – above 1GHz

Test Mode:	Mode 1

Polarization: Vertical

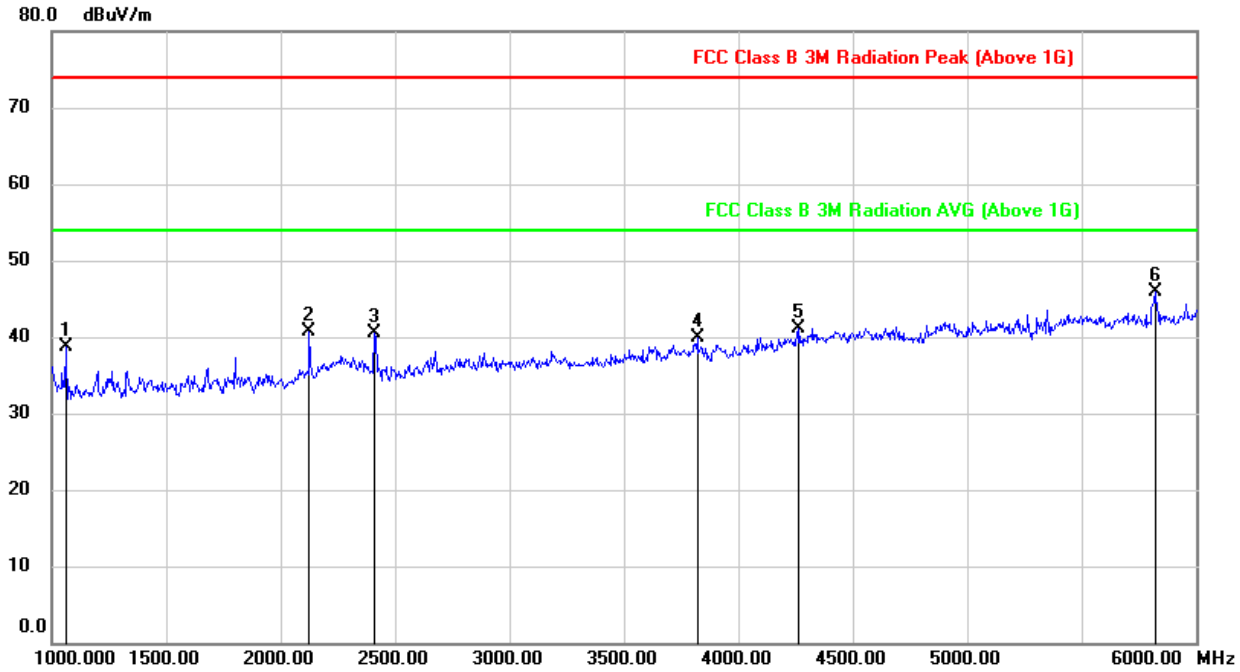


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	53.55	-12.50	41.05	74.00	-32.95	peak
2	2130.000	51.70	-9.28	42.42	74.00	-31.58	peak
3	2410.000	48.40	-8.05	40.35	74.00	-33.65	peak
4	3195.000	45.96	-5.57	40.39	74.00	-33.61	peak
5	4690.000	42.30	-1.00	41.30	74.00	-32.70	peak
6	5990.000	41.51	2.94	44.45	74.00	-29.55	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Horizontal

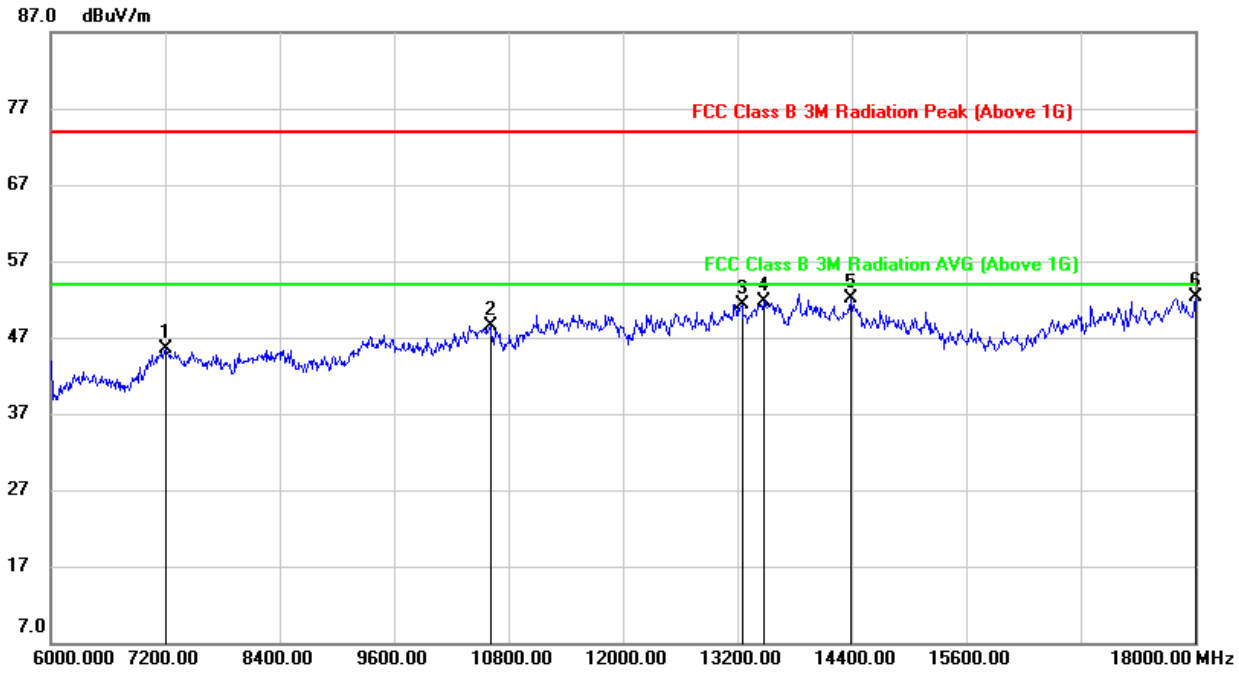


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	52.28	-13.62	38.66	74.00	-35.34	peak
2	2125.000	49.94	-9.25	40.69	74.00	-33.31	peak
3	2410.000	48.68	-8.15	40.53	74.00	-33.47	peak
4	3820.000	43.85	-3.87	39.98	74.00	-34.02	peak
5	4265.000	43.53	-2.44	41.09	74.00	-32.91	peak
6	5820.000	43.60	2.39	45.99	74.00	-28.01	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Vertical

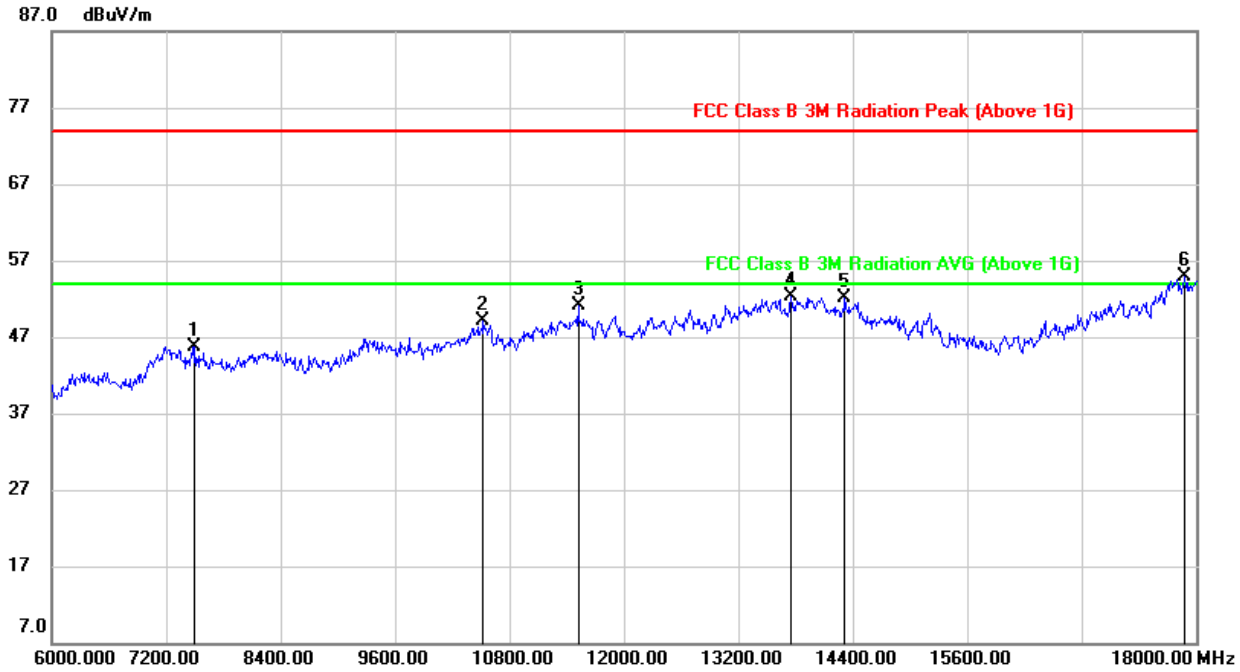


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7200.000	37.62	7.85	45.47	74.00	-28.53	peak
2	10608.000	34.71	13.81	48.52	74.00	-25.48	peak
3	13248.000	31.96	19.39	51.35	74.00	-22.65	peak
4	13476.000	31.43	20.30	51.73	74.00	-22.27	peak
5	14388.000	31.74	20.38	52.12	74.00	-21.88	peak
6	18000.000	25.64	26.66	52.30	74.00	-21.70	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Horizontal

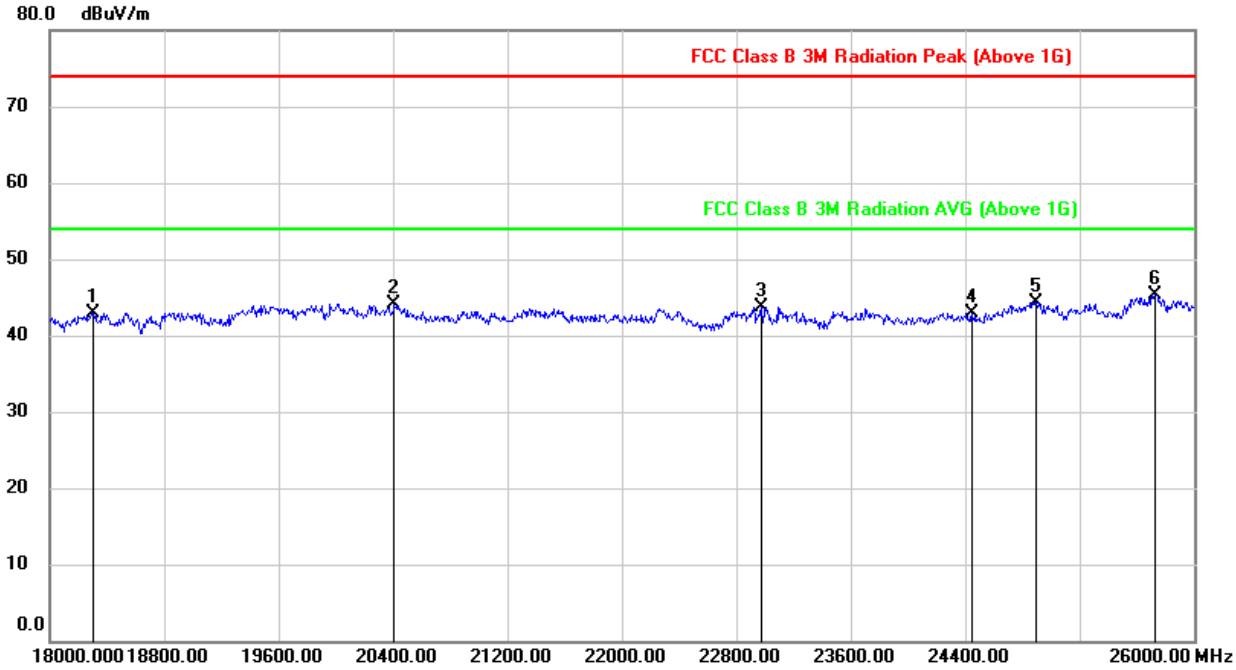


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7500.000	37.51	8.22	45.73	74.00	-28.27	peak
2	10524.000	35.27	13.75	49.02	74.00	-24.98	peak
3	11520.000	35.34	15.73	51.07	74.00	-22.93	peak
4	13752.000	31.50	20.85	52.35	74.00	-21.65	peak
5	14316.000	32.42	19.77	52.19	74.00	-21.81	peak
6	17880.000	28.56	26.32	54.88	74.00	-19.12	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Vertical

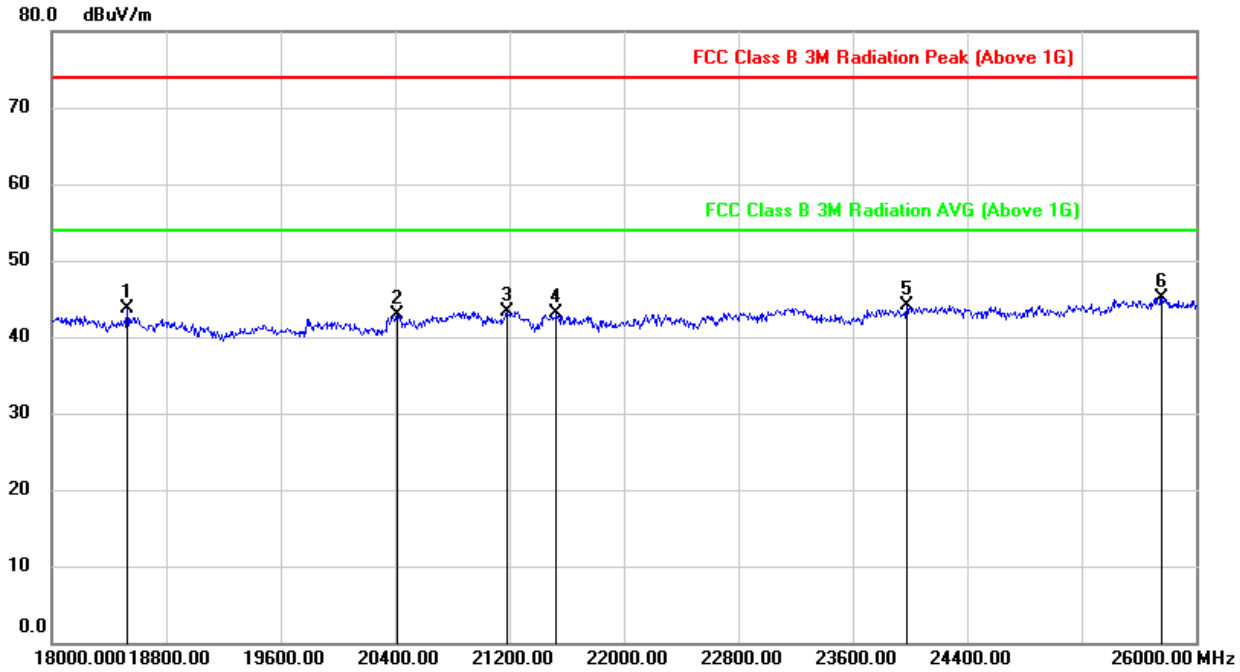


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18304.000	48.47	-5.49	42.98	74.00	-31.02	peak
2	20408.000	49.46	-5.45	44.01	74.00	-29.99	peak
3	22976.000	47.26	-3.46	43.80	74.00	-30.20	peak
4	24448.000	45.42	-2.42	43.00	74.00	-31.00	peak
5	24896.000	46.55	-2.19	44.36	74.00	-29.64	peak
6	25728.000	46.11	-0.72	45.39	74.00	-28.61	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 1

Polarization: Horizontal

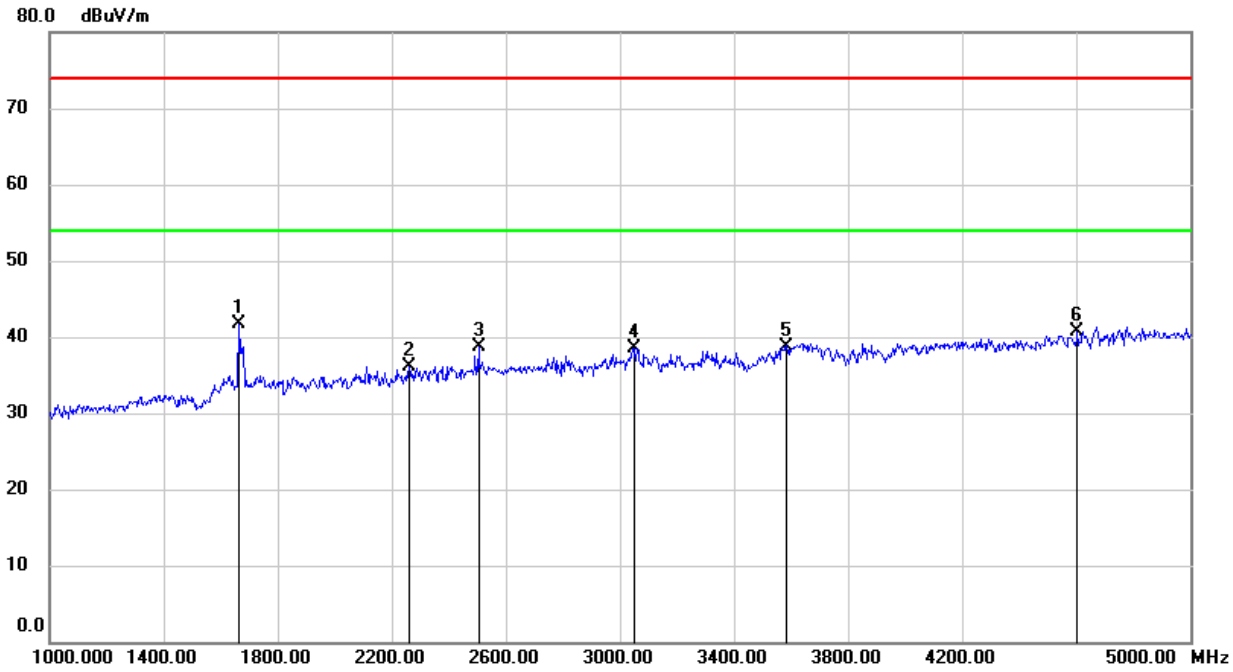


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18528.000	48.91	-5.26	43.65	74.00	-30.35	peak
2	20416.000	48.30	-5.45	42.85	74.00	-31.15	peak
3	21184.000	48.10	-4.79	43.31	74.00	-30.69	peak
4	21528.000	47.78	-4.65	43.13	74.00	-30.87	peak
5	23976.000	46.86	-2.80	44.06	74.00	-29.94	peak
6	25760.000	45.82	-0.63	45.19	74.00	-28.81	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Polarization: Vertical

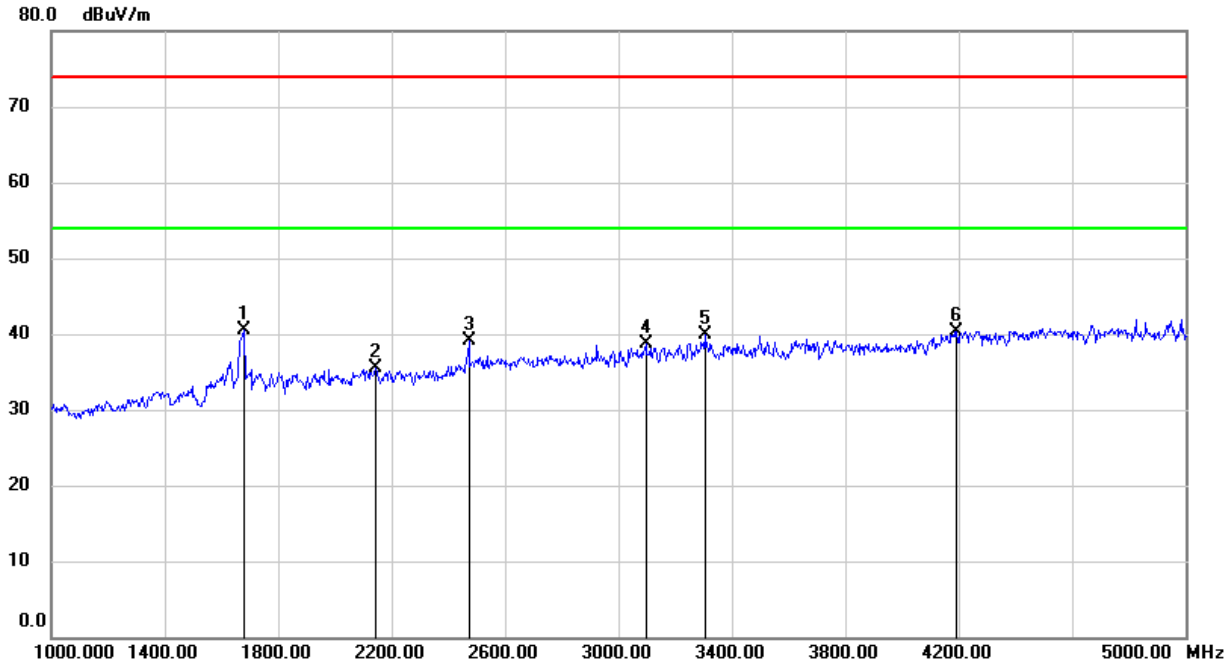


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1664.000	53.58	-11.93	41.65	74.00	-32.35	peak
2	2260.000	45.55	-9.53	36.02	74.00	-37.98	peak
3	2504.000	46.75	-8.14	38.61	74.00	-35.39	peak
4	3052.000	44.56	-6.01	38.55	74.00	-35.45	peak
5	3584.000	43.97	-5.17	38.80	74.00	-35.20	peak
6	4604.000	42.79	-2.06	40.73	74.00	-33.27	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 2(High channel)

Polarization: Horizontal

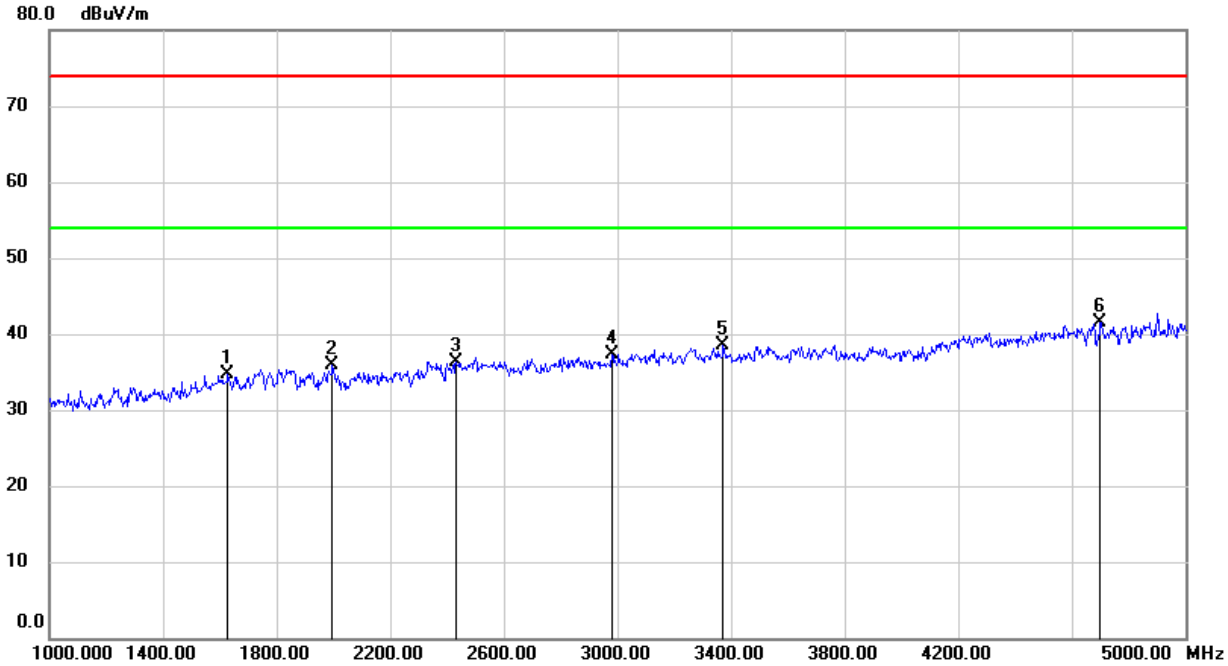


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1680.000	52.32	-11.90	40.42	74.00	-33.58	peak
2	2144.000	45.35	-9.90	35.45	74.00	-38.55	peak
3	2472.000	47.40	-8.35	39.05	74.00	-34.95	peak
4	3096.000	44.40	-5.75	38.65	74.00	-35.35	peak
5	3304.000	45.56	-5.72	39.84	74.00	-34.16	peak
6	4192.000	43.45	-3.12	40.33	74.00	-33.67	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 3(High channel)

Polarization: Vertical

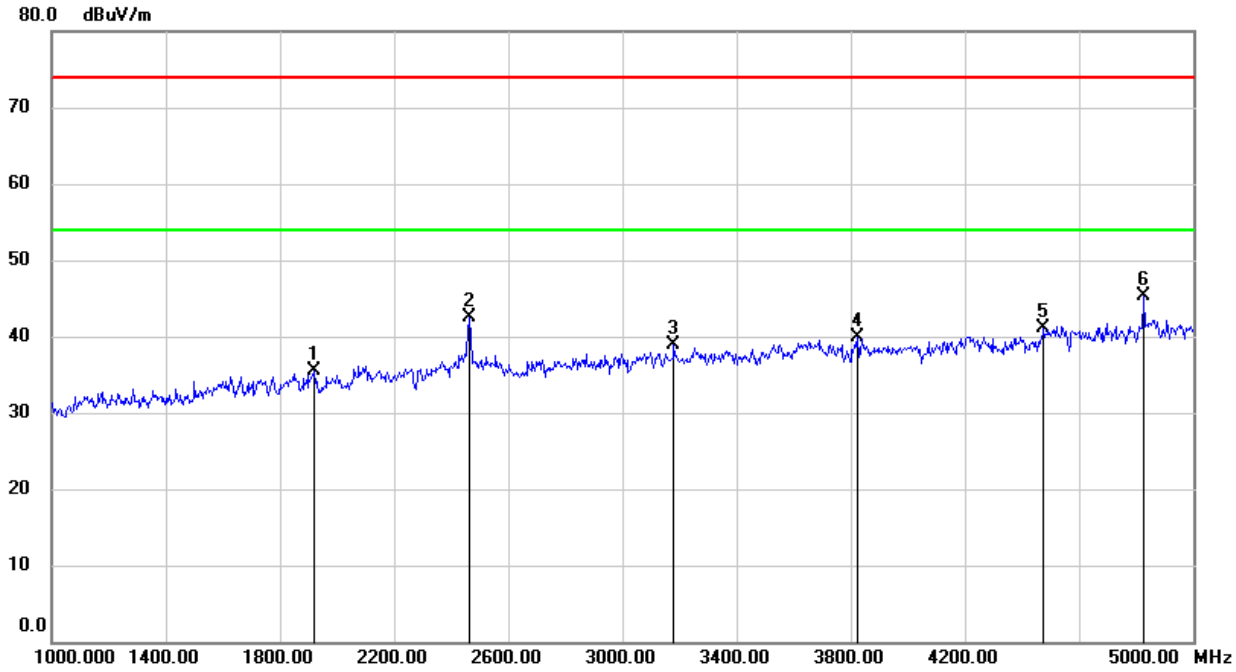


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1628.000	46.68	-12.00	34.68	74.00	-39.32	peak
2	1996.000	46.55	-10.70	35.85	74.00	-38.15	peak
3	2432.000	44.97	-8.69	36.28	74.00	-37.72	peak
4	2980.000	43.72	-6.42	37.30	74.00	-36.70	peak
5	3372.000	44.28	-5.85	38.43	74.00	-35.57	peak
6	4700.000	42.89	-1.38	41.51	74.00	-32.49	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

Test Mode:	Mode 3(High channel)

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1920.000	46.12	-10.67	35.45	74.00	-38.55	peak
2	2464.000	50.86	-8.43	42.43	74.00	-31.57	peak
3	3180.000	44.86	-6.03	38.83	74.00	-35.17	peak
4	3824.000	44.44	-4.49	39.95	74.00	-34.05	peak
5	4476.000	43.53	-2.43	41.10	74.00	-32.90	peak
6	4828.000	46.20	-0.88	45.32	74.00	-28.68	peak

Remark:
Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
Margin = Result - Limit

END OF REPORT