FCC Part15 Subpart B

TEST REPORT

For

LED TV

MODEL NUMBER: 65S517, 65S511, 65S513, 65S515, 65S515-MX, 65S517-MX, 65S515-CA, 65S517-CA

FCC ID: W8U65S517

REPORT NUMBER: 4788332617.2-1

ISSUE DATE: February 28, 2018

Prepared for

TTE Technology, Inc.
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Prepared by

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The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.

Revision History

Rev.	Issue Date	Revisions	Revised By
--	2/28/2018	Initial Issue	

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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.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	TTE Technology, Inc.
Address:	2455 Anselmo Drive, Suite 101 Corona, CA 92879

Manufacturer Information

Company Name:	TCL King Electrical Appliances (Huizhou) Co., Ltd.
Address:	NO.78 4TH HUIFENG RD ZHONGKAI NEW & HIGH-TECH INDUSTRIES DEVELOPMENT ZONE HUIZHOU GUANGDONG CHINA

EUT Information

EUT Name:	LED TV
Model:	65S517, 65S511, 65S513, 65S515, 65S515-MX, 65S517-MX, 65S515-CA, 65S517-CA
Brand:	TCL
Sample Status:	Normal
Sample ID:	1376835
Sample Received Date:	January 19, 2018
Date of Tested:	January 24, 2018 ~ February 7, 2018

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

Prepared By:

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Checked By:

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Approved By:

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC Part15 Subpart B and 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. **IAS (Lab Code: TL-702)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has demonstrated compliance with ISO/IEC Standard 17025:2005, General requirements for the competence of testing and calibration laboratories **FCC (FCC Designation 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 Delcaration 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, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

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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 disturbance at mains terminals ports	0.15MHz ~ 30MHz	2	2.9 dB
Radiated disturbance Test	Below 1GHz	2	4.52 dB
Radiated disturbance Test	Above 1GHz	2	5.04 dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

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5. EQUIPMENT UNDER TEST

5.1. Description of EUT

EUT Name	LED TV
EUT Discription	The device LED TV, which can be used as Class B personal computers peripherals
Model	65S517
Series Model	65S511, 65S513, 65S515, 65S515-MX, 65S517-MX, 65S515-CA, 65S517-CA
Model Difference	All models are indentical except the model name which is intended to differentiate sales channels
Rated Input	120V~ 60Hz

5.2. Test Mode

Test Mode	Description
Mode 1	HDMI1 in (4K)
Mode 2	HDMI2 in (4K)
Mode 3	HDMI3 in (4K)
Mode 4	Ethernet Wired Play
Mode 5	WiFi 2.4GHz Play
Mode 6	WiFi 5GHz Play

Note: the EUT was set according to figure 16 as stated in Clause 11.4 of ANSI C63.4.

5.3. EUT Accessory

Item	Accessory	Brand Name	Model Name	Description
1	Remote controller	TCL	/	/

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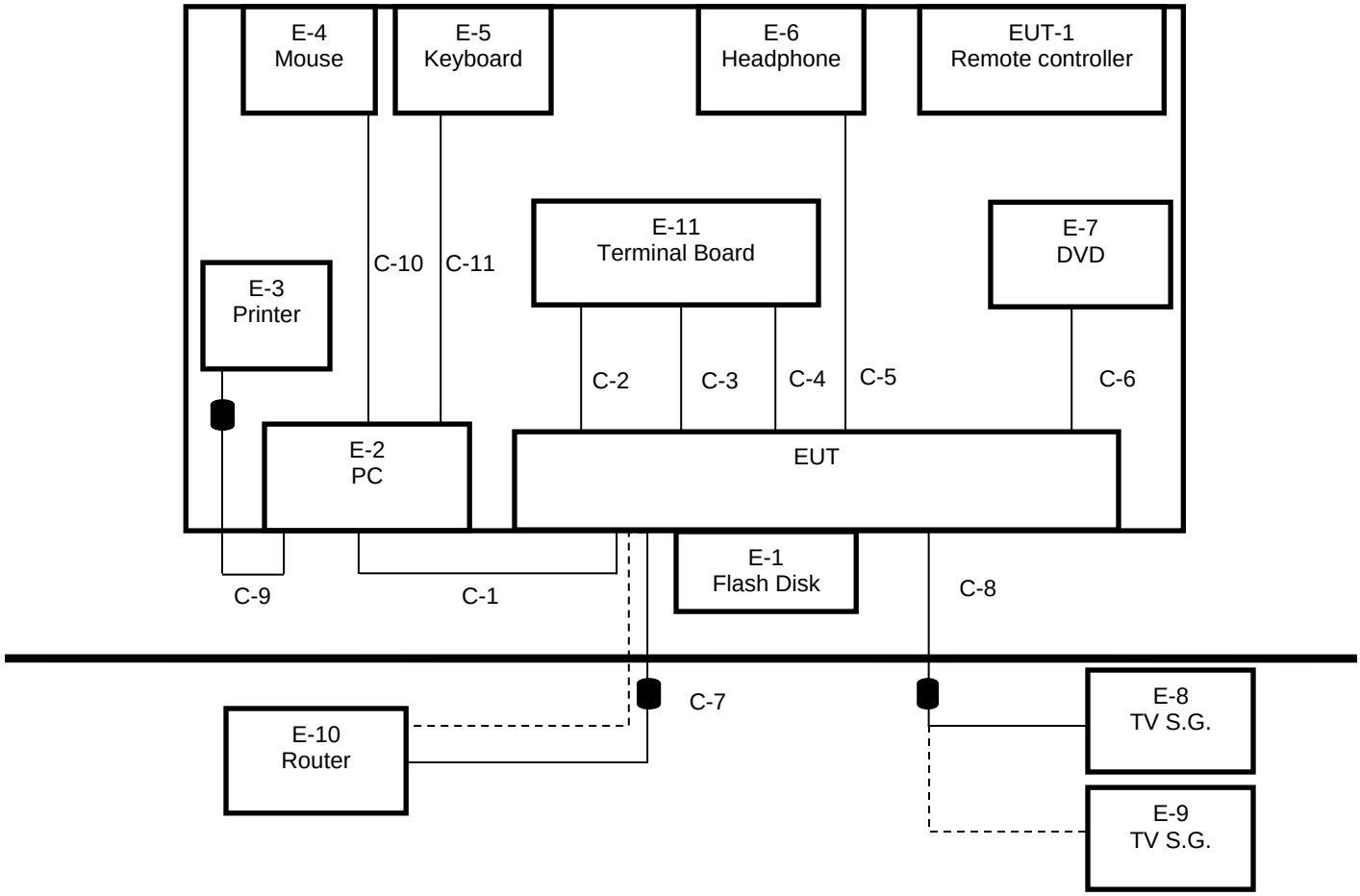
5.4. Block Diagram Showing the Configuration of System Tested



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.
E-1	USB Disk	Kingstone	DTSE9H/8GB	8GB	/
E-2	PC	LENOVO	ThinkCentre E73	/	PC0K9QL4
E-3	Printer	Canon	LBP2900+	/	NDLA530620
E-4	Mouse	Lenovo	MO28UOB	USB port	8SSM50G45918F CCC1545
E-5	Keyboard	Lenovo	LXH-JME2209U	USB port	60804634

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E-6	Headphone	Sony	/		/
E-7	DVD	PHILIPS	BDP7750/93	4K output	KX1A1623930542
E-8	TV Signal Generator	Shibasoku	TG39BX	/	3000035889
E-9	MXG vector signal generator	N5182B	Keysight	/	MY56200284
E-10	Router	D-Link	DIR-809	2.4G wifi 5G wifi	RZMP2G4000780
E-11	Terminal load board	/	/	HDMI interface Audio & Video interface	/

Item	Type of cable	Shielded Type	Ferrite Core	Length
C-1	HDMI cable	YES	NO	1.5m
C-2	HDMI cable	YES	NO	1.5m
C-3	HDMI cable	YES	NO	1.5m
C-4	Optical Fiber cable	NO	NO	1.5m
C-5	Headphone cable	NO	NO	1.2m
C-6	AV cable	YES	NO	1.5m
C-7	Ethernet cable	YES	YES	10m
C-8	Coaxial cable	YES	YES	10m
C-9	USB Cable	YES	YES	1.5m

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6. MEASURING EQUIPMENT AND SOFTWARE USED

Conducted Disturbance						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☑	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						
Used	Description			Manufacturer	Name	Version
☑	Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1
Radiated Disturbance						
Used	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						
Used	Description			Manufacturer	Name	Version
☑	Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

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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.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor
Margin Level = Measurement Value - Limit Value

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:EUT Test Photos.

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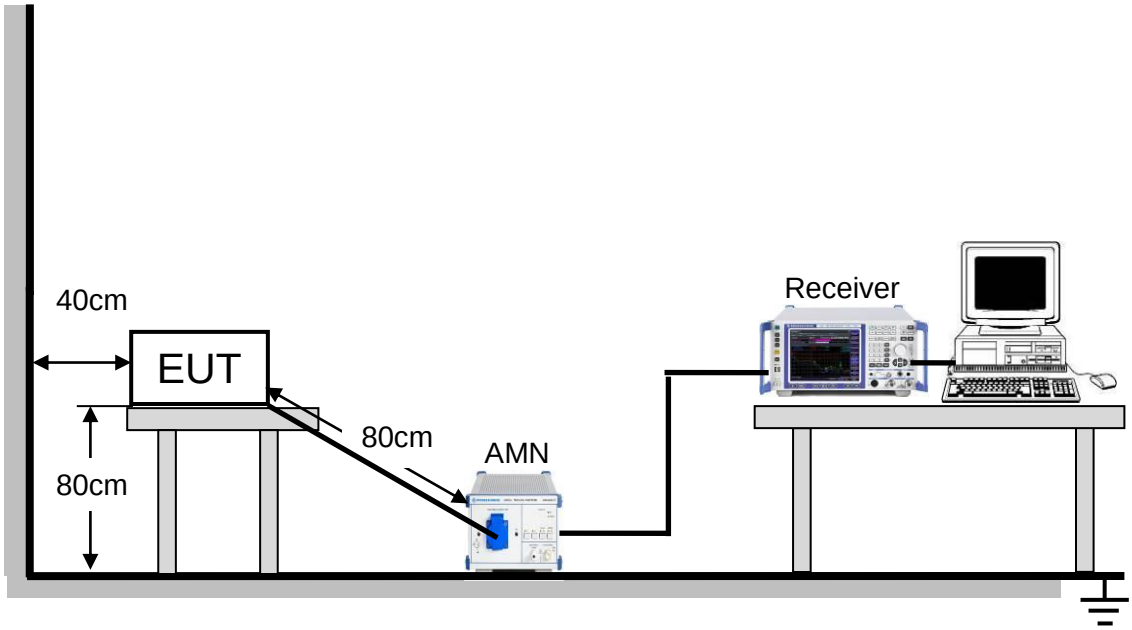
7.1.3. Test Setup



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

7.1.4. Test Environment

Temperature:	21.9℃
Humidity:	50%
ATM pressure:	102kPa

7.1.5. Test Mode

Pre-test Mode:	Mode 1, 2 & 3
Final Test Mode:	Mode 2

Note: According to pre-test results, the final test mode is each independent function's worst case and only shown in the report.

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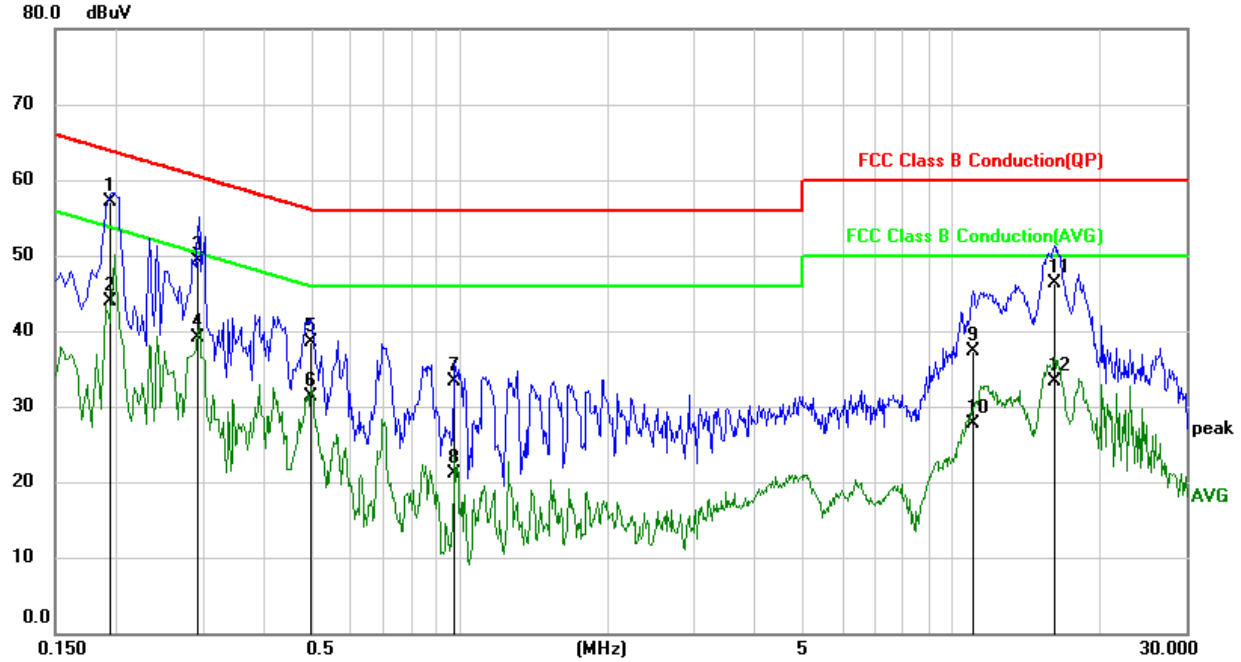
7.1.6. Test Results

Test Mode:	Mode 2
Test Voltage:	AC 120V/60Hz

Phase: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1932	47.39	9.63	57.02	63.90	-6.88	QP
2	0.1932	34.20	9.63	43.83	53.90	-10.07	AVG
3	0.2915	39.65	9.63	49.28	60.48	-11.20	QP
4	0.2915	29.57	9.63	39.20	50.48	-11.28	AVG
5	0.4989	28.89	9.63	38.52	56.02	-17.50	QP
6	0.4989	21.62	9.63	31.25	46.02	-14.77	AVG
7	0.9751	23.60	9.64	33.24	56.00	-22.76	QP
8	0.9751	11.47	9.64	21.11	46.00	-24.89	AVG
9	11.0458	27.65	9.75	37.40	60.00	-22.60	QP
10	11.0458	18.05	9.75	27.80	50.00	-22.20	AVG
11	16.2285	36.52	9.78	46.30	60.00	-13.70	QP
12	16.2285	23.60	9.78	33.38	50.00	-16.62	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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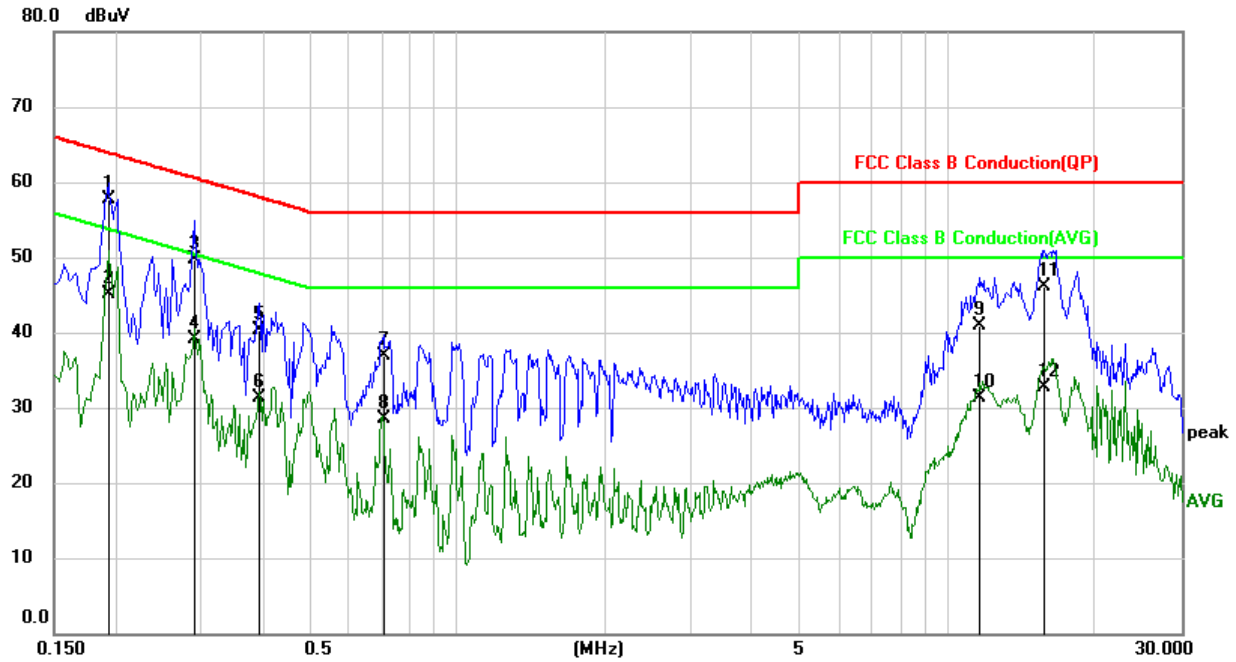
Test Mode:	Mode 2
Test Voltage:	AC 120V/60Hz

Phase: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1949	48.21	9.44	57.65	63.83	-6.18	QP
2	0.1949	35.57	9.44	45.01	53.83	-8.82	AVG
3	0.2920	40.25	9.43	49.68	60.47	-10.79	QP
4	0.2920	29.69	9.43	39.12	50.47	-11.35	AVG
5	0.3941	30.92	9.42	40.34	57.98	-17.64	QP
6	0.3941	21.84	9.42	31.26	47.98	-16.72	AVG
7	0.7043	27.48	9.44	36.92	56.00	-19.08	QP
8	0.7043	18.97	9.44	28.41	46.00	-17.59	AVG
9	11.7098	31.22	9.60	40.82	60.00	-19.18	QP
10	11.7098	21.64	9.60	31.24	50.00	-18.76	AVG
11	15.6998	36.46	9.66	46.12	60.00	-13.88	QP
12	15.6998	23.04	9.66	32.70	50.00	-17.30	AVG

Remark:
Result = Reading +Correct
Margin = Result – Limit

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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	5th 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);
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use),
Margin Level = Measurement Value - Limit Value.

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7.2.2. Test Procedure

a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz.

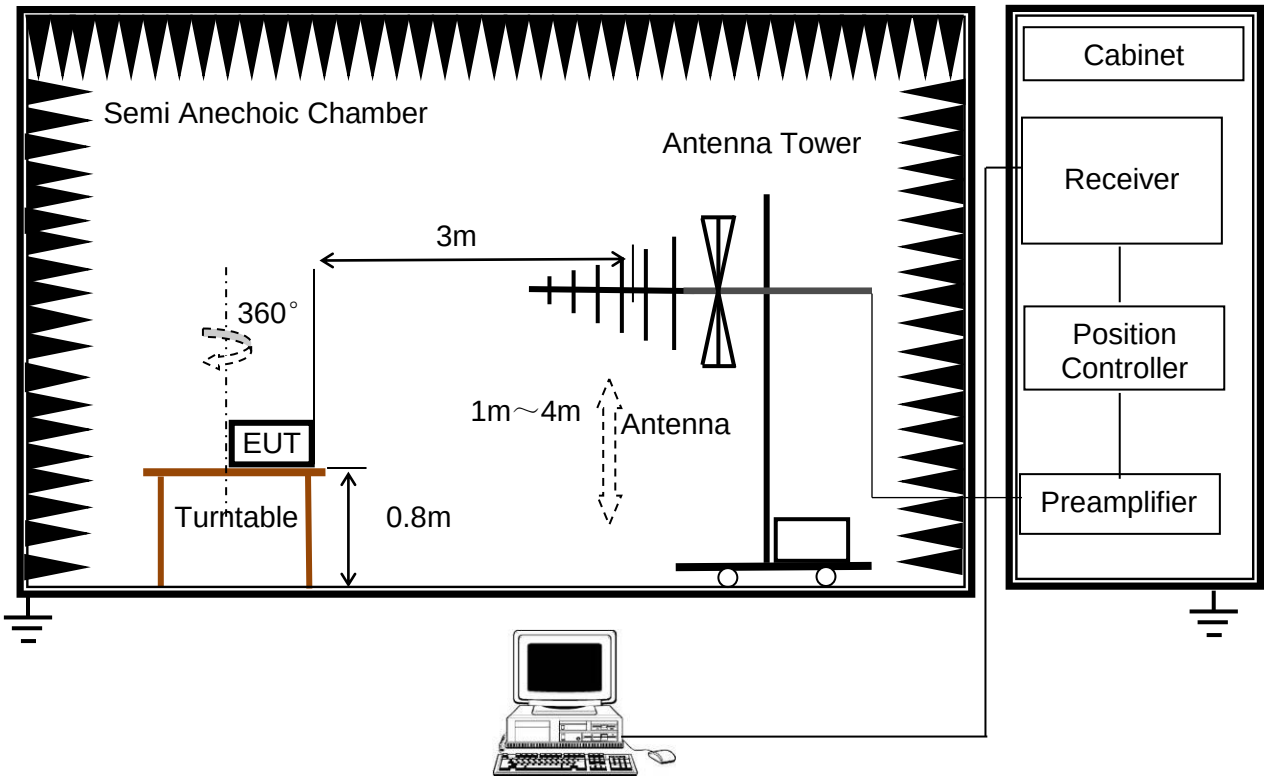
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

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 Test Photos.

7.2.3. Test Setup

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



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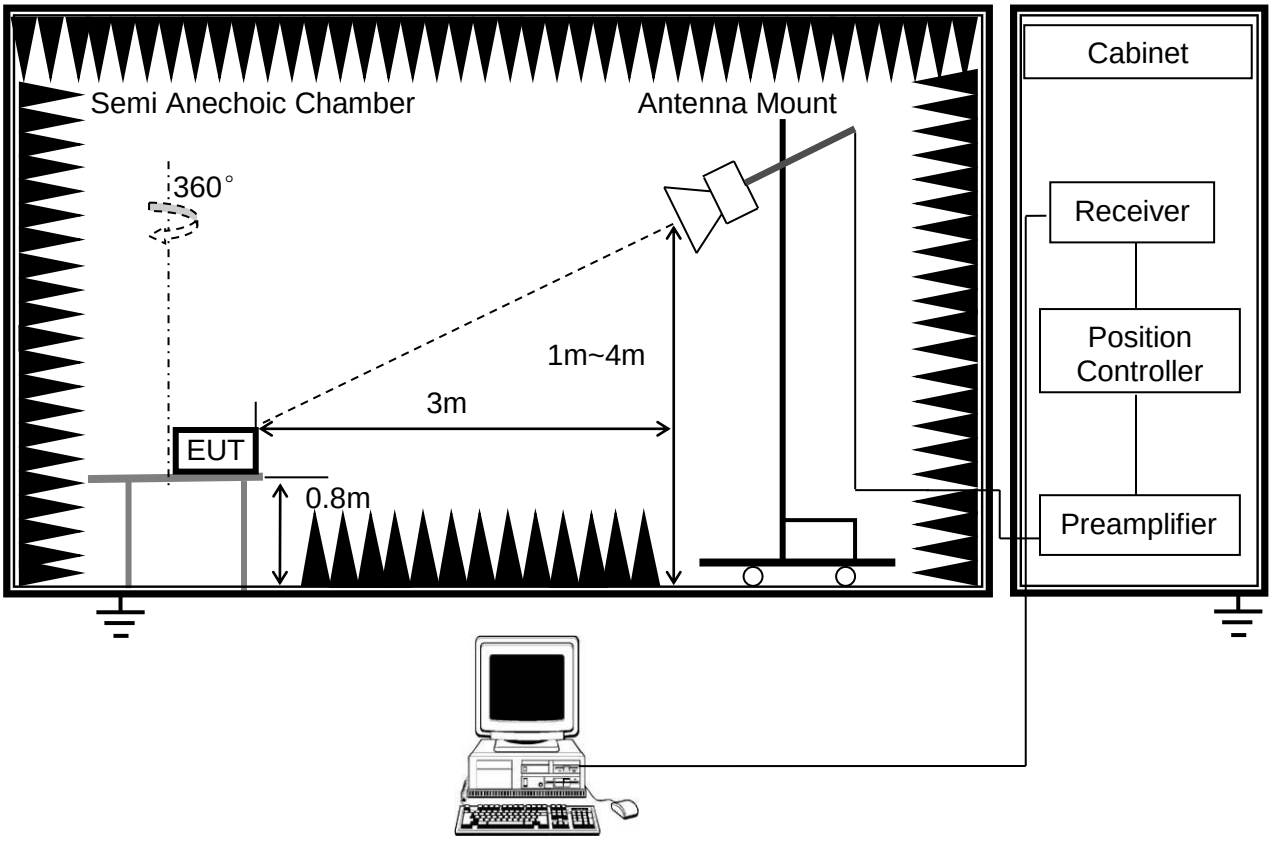
(b) Radiated Disturbance Test Set-Up Frequency above 1GHz



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

7.2.4. Test Environment

Radiated Disturbance - below 1 GHz		Radiated Disturbance - above 1 GHz	
Temperature:	20.8℃	Temperature:	20.4℃
Humidity:	47%	Humidity:	45%
ATM pressure:	102kPa	ATM pressure:	102kPa

7.2.5. Test Mode

Radiated Disturbance - below 1 GHz		Radiated Disturbance - above 1 GHz	
Pre-test Mode:	Mode 1, 2, 3, 4, 5 & 6	Pre-test Mode:	Mode 1, 2, 3, 4, 5 & 6
Final Test Mode:	Mode 4	Final Test Mode:	Mode 3 & 6

Note: All the modes had been tested, but only the worst data were recorded in the report.

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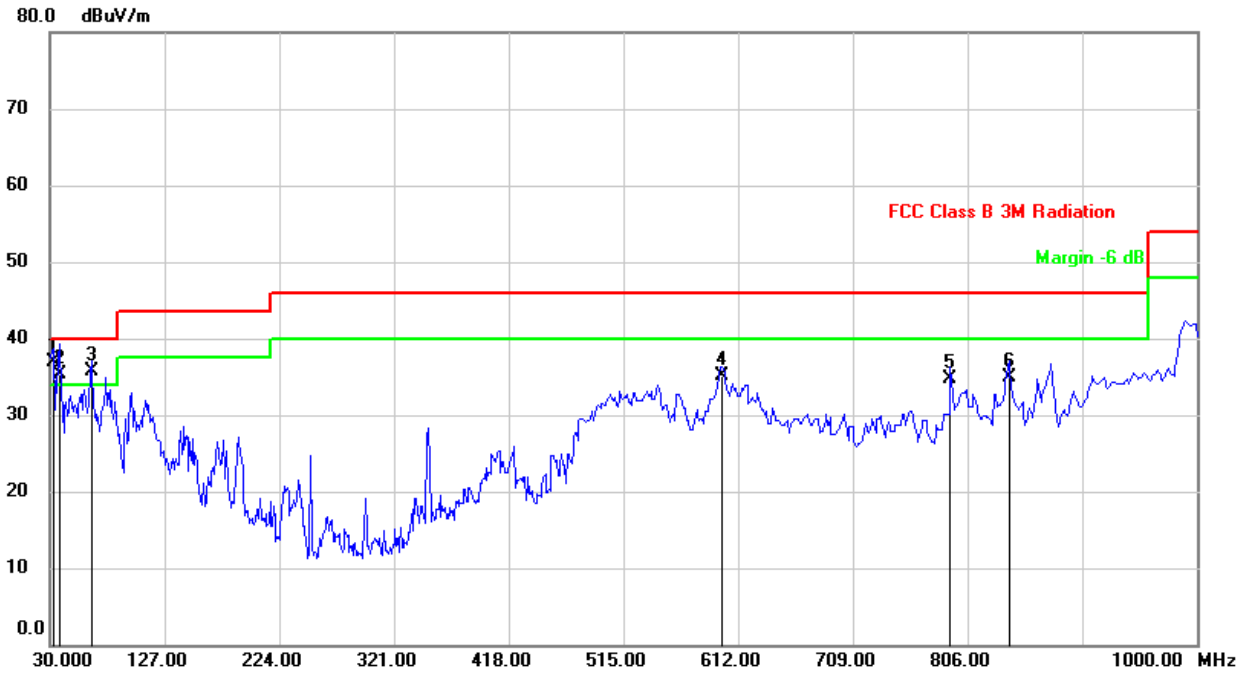
7.2.6. Test Results – below 1GHz

Test Mode:	Mode 4
Test Voltage:	AC 120V/60Hz

Polarization: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	32.9100	55.03	-18.11	36.92	40.00	-3.08	QP
2	38.7300	54.15	-18.82	35.33	40.00	-4.67	QP
3	64.9200	55.71	-20.07	35.64	40.00	-4.36	QP
4	598.4200	44.10	-8.94	35.16	46.00	-10.84	QP
5	791.4500	41.85	-7.18	34.67	46.00	-11.33	QP
6	840.9200	41.08	-6.23	34.85	46.00	-11.15	QP

Remark:
Result = Reading +Correct
Margin = Result – Limit

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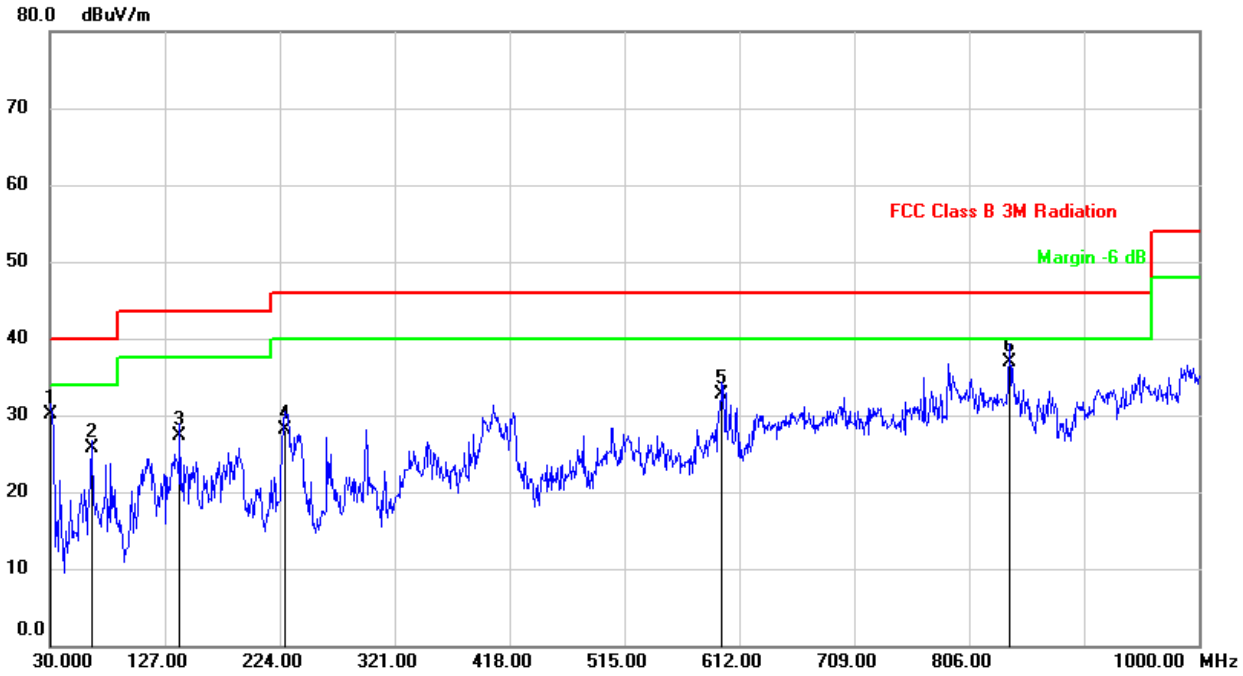
Test Mode:	Mode 4
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	30.9700	47.93	-17.88	30.05	40.00	-9.95	QP
2	64.9200	45.68	-20.07	25.61	40.00	-14.39	QP
3	139.6100	45.04	-17.71	27.33	43.50	-16.17	QP
4	227.8800	44.93	-16.87	28.06	46.00	-17.94	QP
5	597.4500	41.82	-9.08	32.74	46.00	-13.26	QP
6	839.9500	43.17	-6.22	36.95	46.00	-9.05	QP

Remark:
Result = Reading +Correct
Margin = Result – Limit

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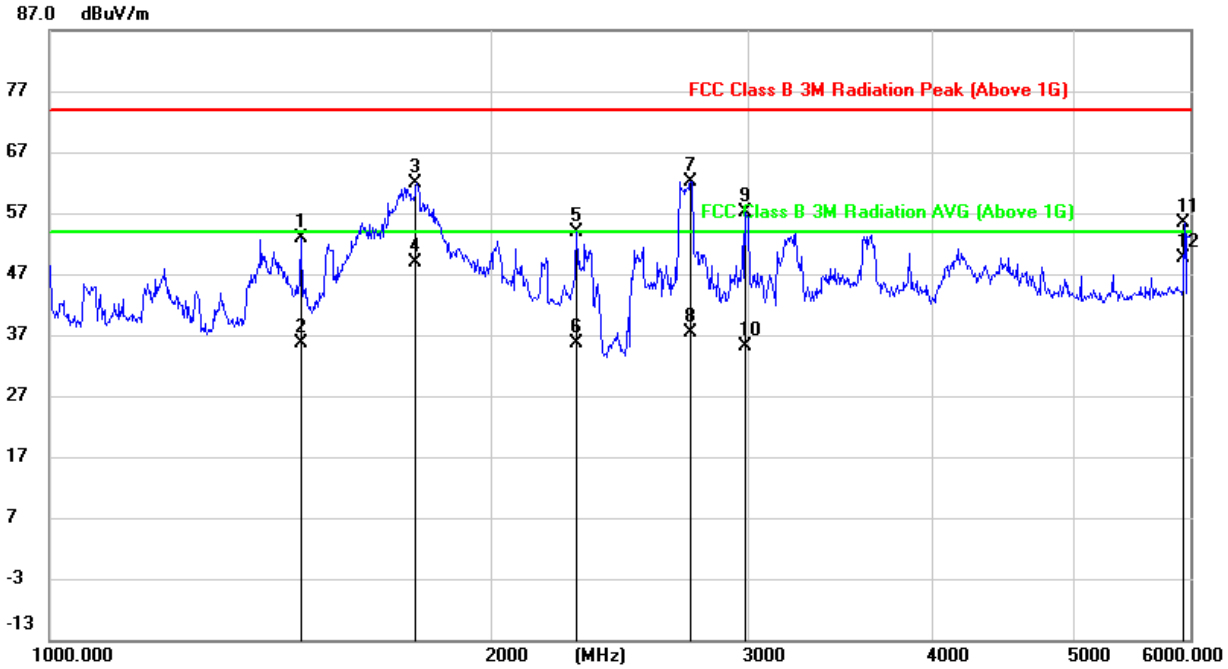
7.2.7. Test Results – above 1GHz

Test Mode:	Mode 3
Test Voltage:	AC 120V/60Hz

Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1483.178	65.19	-12.28	52.91	74.00	-21.09	peak
2	1483.178	47.95	-12.28	35.67	54.00	-18.33	AVG
3	1780.593	73.09	-11.19	61.90	74.00	-12.10	peak
4	1780.593	60.06	-11.19	48.87	54.00	-5.13	AVG
5	2292.366	61.09	-7.26	53.83	74.00	-20.17	peak
6	2292.366	42.88	-7.26	35.62	54.00	-18.38	AVG
7	2737.291	69.62	-7.40	62.22	74.00	-11.78	peak
8	2737.291	44.88	-7.40	37.48	54.00	-16.52	AVG
9	2983.131	63.60	-6.59	57.01	74.00	-16.99	peak
10	2983.131	41.80	-6.59	35.21	54.00	-18.79	AVG
11	5946.487	52.74	2.64	55.38	74.00	-18.62	peak
12	5946.487	47.03	2.64	49.67	54.00	-4.33	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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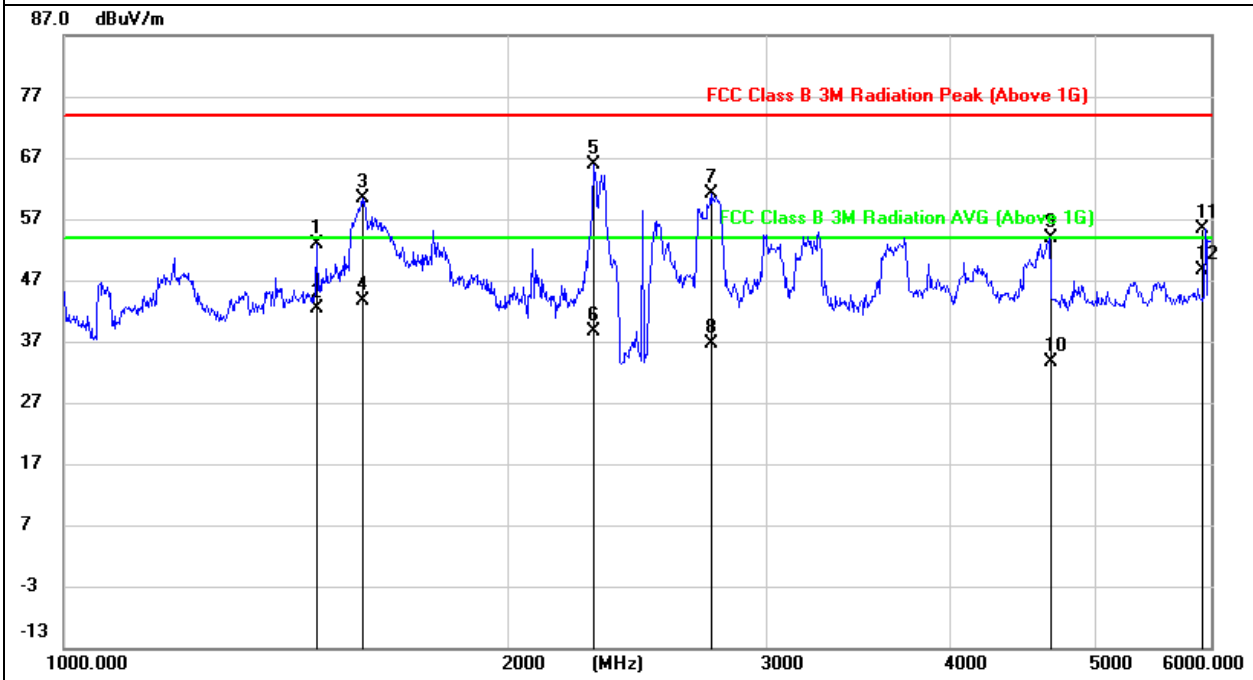
Test Mode:	Mode 3
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1483.178	65.06	-12.21	52.85	74.00	-21.15	peak
2	1483.178	54.56	-12.21	42.35	54.00	-11.65	AVG
3	1596.237	72.42	-12.09	60.33	74.00	-13.67	peak
4	1596.237	55.77	-12.09	43.68	54.00	-10.32	AVG
5	2292.366	73.22	-7.42	65.80	74.00	-8.20	peak
6	2292.366	46.03	-7.42	38.61	54.00	-15.39	AVG
7	2747.118	68.29	-7.26	61.03	74.00	-12.97	peak
8	2747.118	44.00	-7.26	36.74	54.00	-17.26	AVG
9	4668.852	54.99	-1.16	53.83	74.00	-20.17	peak
10	4668.852	34.73	-1.16	33.57	54.00	-20.43	AVG
11	5946.487	52.79	2.54	55.33	74.00	-18.67	peak
12	5946.487	46.13	2.54	48.67	54.00	-5.33	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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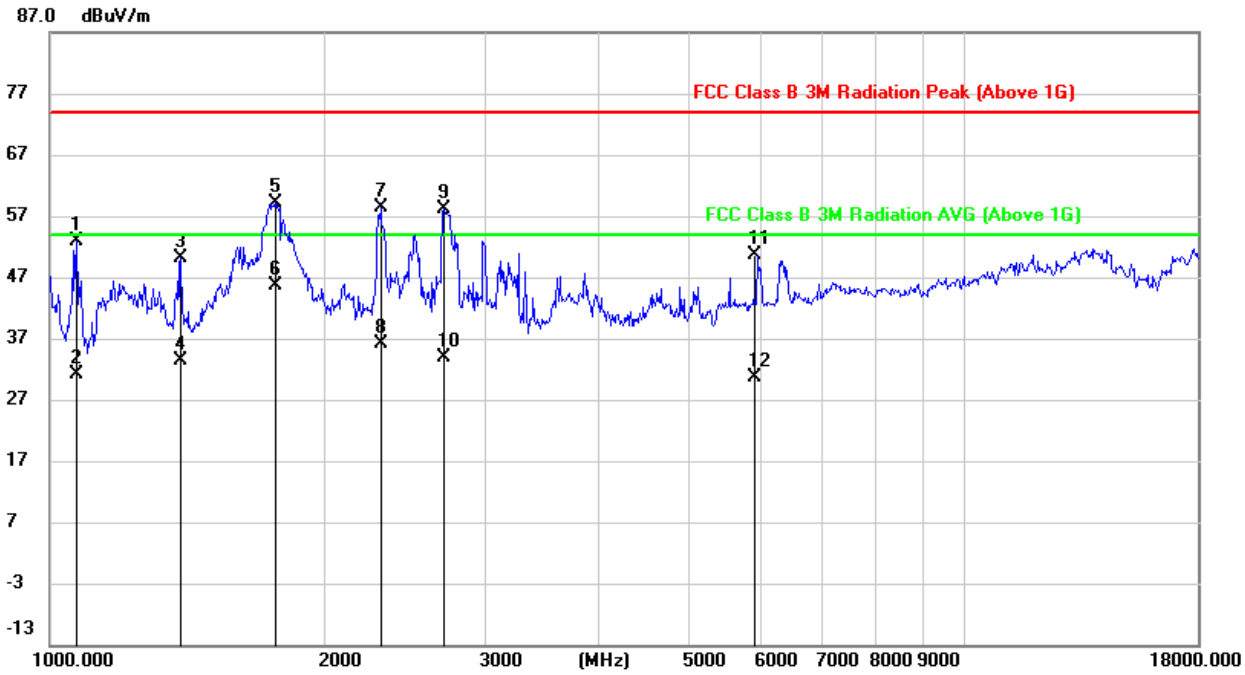
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1068.738	67.18	-14.28	52.90	74.00	-21.10	peak
2	1068.738	45.53	-14.28	31.25	54.00	-22.75	AVG
3	1390.276	63.09	-12.89	50.20	74.00	-23.80	peak
4	1390.276	46.36	-12.89	33.47	54.00	-20.53	AVG
5	1762.111	71.08	-11.86	59.22	74.00	-14.78	peak
6	1762.111	57.53	-11.86	45.67	54.00	-8.33	AVG
7	2298.892	66.58	-8.16	58.42	74.00	-15.58	peak
8	2298.892	44.34	-8.16	36.18	54.00	-17.82	AVG
9	2694.998	66.52	-8.33	58.19	74.00	-15.81	peak
10	2694.998	42.20	-8.33	33.87	54.00	-20.13	AVG
11	5932.638	48.87	1.68	50.55	74.00	-23.45	peak
12	5932.638	28.99	1.68	30.67	54.00	-23.33	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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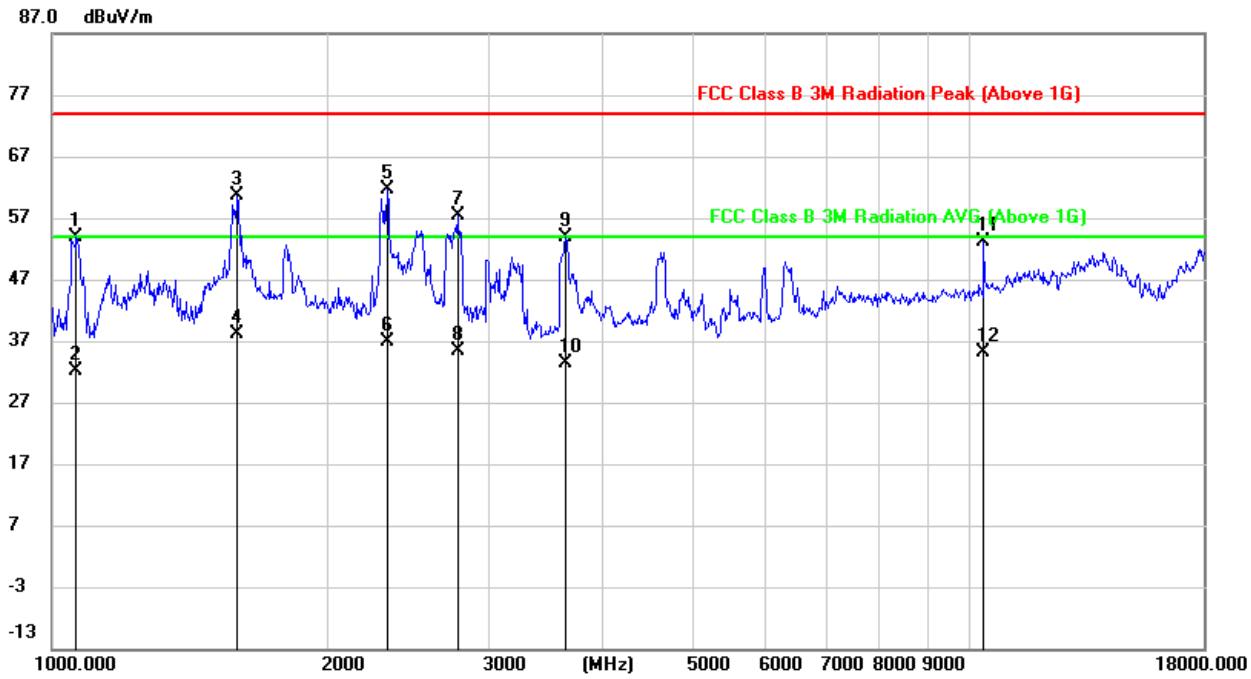
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	67.93	-14.00	53.93	74.00	-20.07	peak
2	1062.578	46.15	-14.00	32.15	54.00	-21.85	AVG
3	1592.571	73.22	-12.69	60.53	74.00	-13.47	peak
4	1592.571	50.85	-12.69	38.16	54.00	-15.84	AVG
5	2325.624	70.15	-8.54	61.61	74.00	-12.39	peak
6	2325.624	45.38	-8.54	36.84	54.00	-17.16	AVG
7	2774.030	65.32	-7.83	57.49	74.00	-16.51	peak
8	2774.030	43.25	-7.83	35.42	54.00	-18.58	AVG
9	3640.045	59.32	-5.36	53.96	74.00	-20.04	peak
10	3640.045	38.84	-5.36	33.48	54.00	-20.52	AVG
11	10363.715	41.93	11.15	53.08	74.00	-20.92	peak
12	10363.715	23.90	11.15	35.05	54.00	-18.95	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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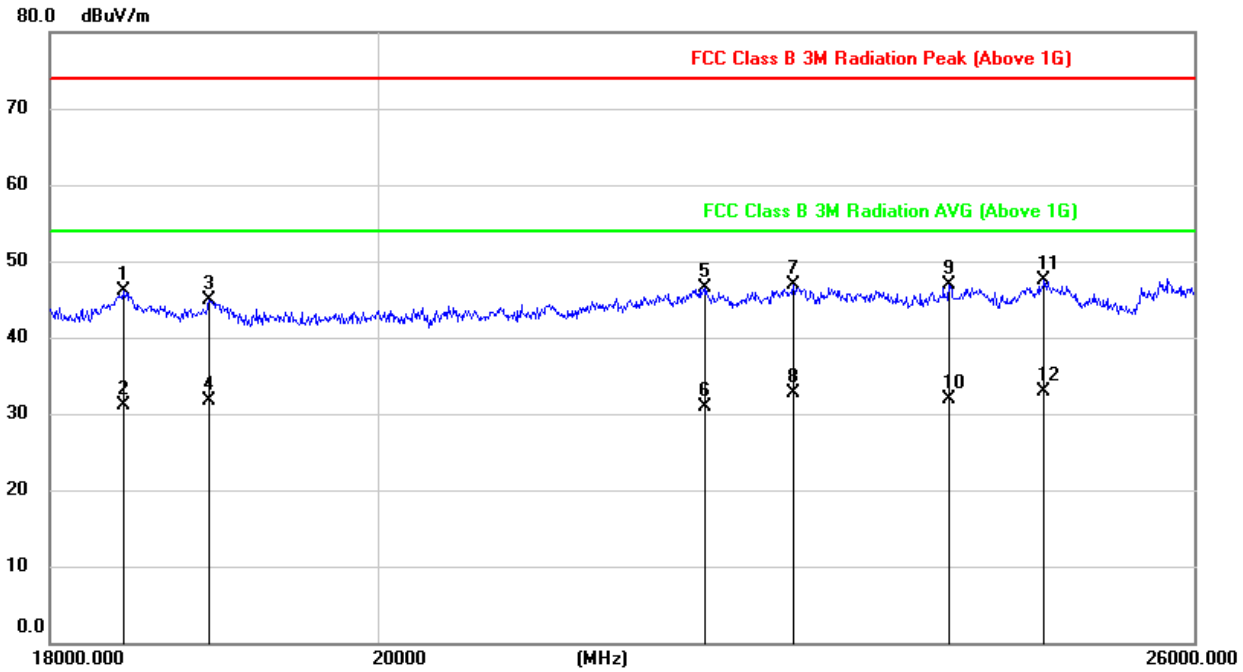
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18428.643	51.49	-5.34	46.15	74.00	-27.85	peak
2	18428.643	36.39	-5.34	31.05	54.00	-22.95	AVG
3	18943.967	50.08	-5.27	44.81	74.00	-29.19	peak
4	18943.967	36.89	-5.27	31.62	54.00	-22.38	AVG
5	22221.895	50.84	-4.26	46.58	74.00	-27.42	peak
6	22221.895	35.07	-4.26	30.81	54.00	-23.19	AVG
7	22860.096	50.40	-3.58	46.82	74.00	-27.18	peak
8	22860.096	36.19	-3.58	32.61	54.00	-21.39	AVG
9	24032.412	49.62	-2.75	46.87	74.00	-27.13	peak
10	24032.412	34.60	-2.75	31.85	54.00	-22.15	AVG
11	24777.218	49.87	-2.29	47.58	74.00	-26.42	peak
12	24777.218	35.23	-2.29	32.94	54.00	-21.06	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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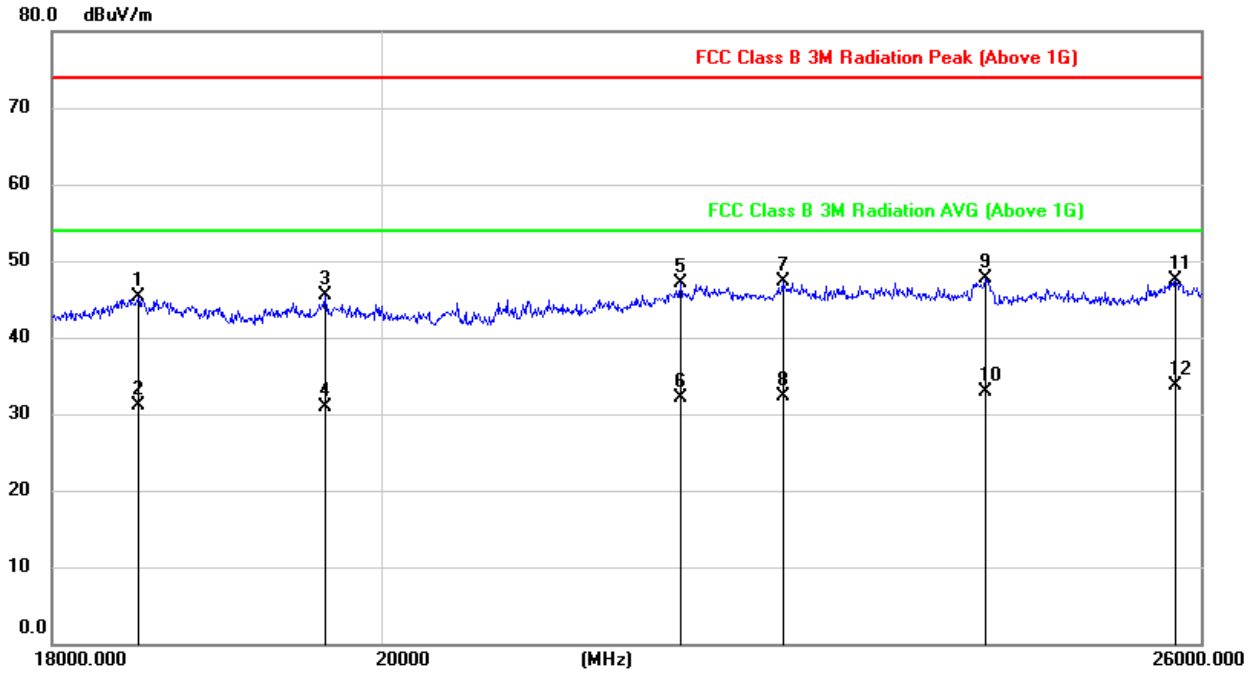
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18503.337	50.46	-5.25	45.21	74.00	-28.79	peak
2	18503.337	36.30	-5.25	31.05	54.00	-22.95	AVG
3	19646.324	50.86	-5.38	45.48	74.00	-28.52	peak
4	19646.324	36.23	-5.38	30.85	54.00	-23.15	AVG
5	22010.447	51.66	-4.47	47.19	74.00	-26.81	peak
6	22010.447	36.63	-4.47	32.16	54.00	-21.84	AVG
7	22742.711	50.96	-3.70	47.26	74.00	-26.74	peak
8	22742.711	36.04	-3.70	32.34	54.00	-21.66	AVG
9	24263.284	50.61	-2.81	47.80	74.00	-26.20	peak
10	24263.284	35.66	-2.81	32.85	54.00	-21.15	AVG
11	25790.510	48.21	-0.68	47.53	74.00	-26.47	peak
12	25790.510	34.35	-0.68	33.67	54.00	-20.33	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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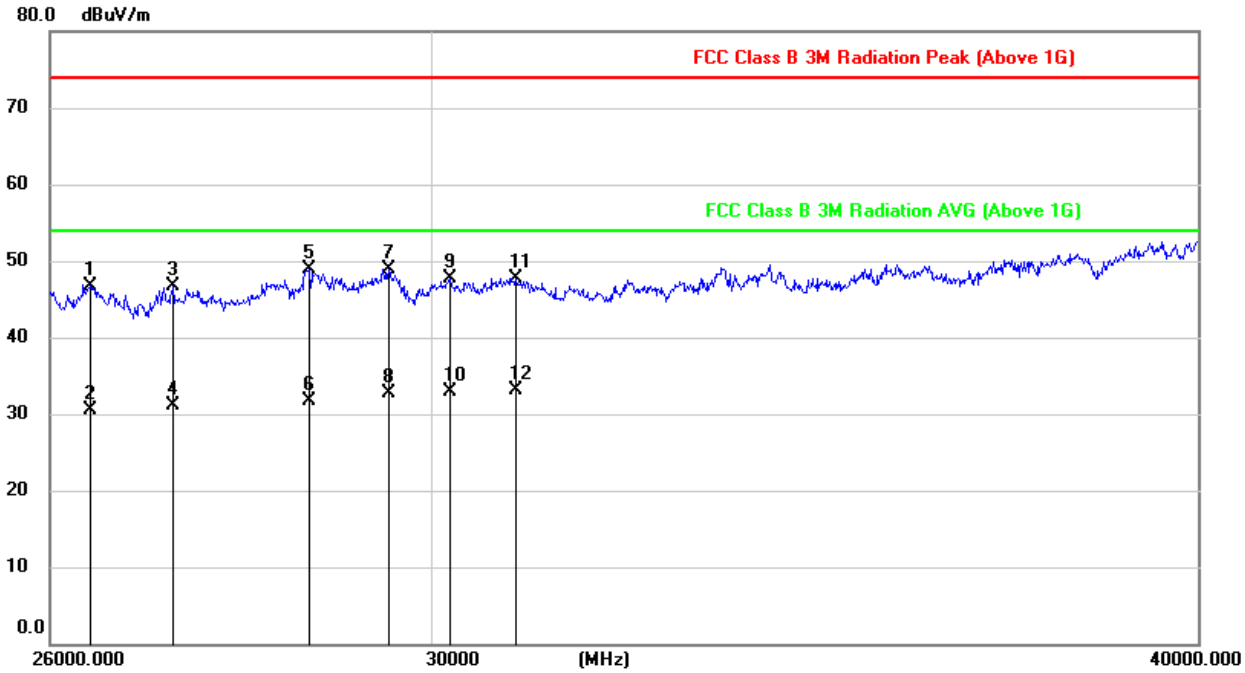
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26394.982	51.59	-4.94	46.65	74.00	-27.35	peak
2	26394.982	35.46	-4.94	30.52	54.00	-23.48	AVG
3	27226.488	51.27	-4.66	46.61	74.00	-27.39	peak
4	27226.488	35.68	-4.66	31.02	54.00	-22.98	AVG
5	28658.597	47.99	0.83	48.82	74.00	-25.18	peak
6	28658.597	30.83	0.83	31.66	54.00	-22.34	AVG
7	29523.232	48.41	0.58	48.99	74.00	-25.01	peak
8	29523.232	32.03	0.58	32.61	54.00	-21.39	AVG
9	30218.060	48.78	-1.03	47.75	74.00	-26.25	peak
10	30218.060	33.88	-1.03	32.85	54.00	-21.15	AVG
11	30969.238	48.98	-1.18	47.80	74.00	-26.20	peak
12	30969.238	34.36	-1.18	33.18	54.00	-20.82	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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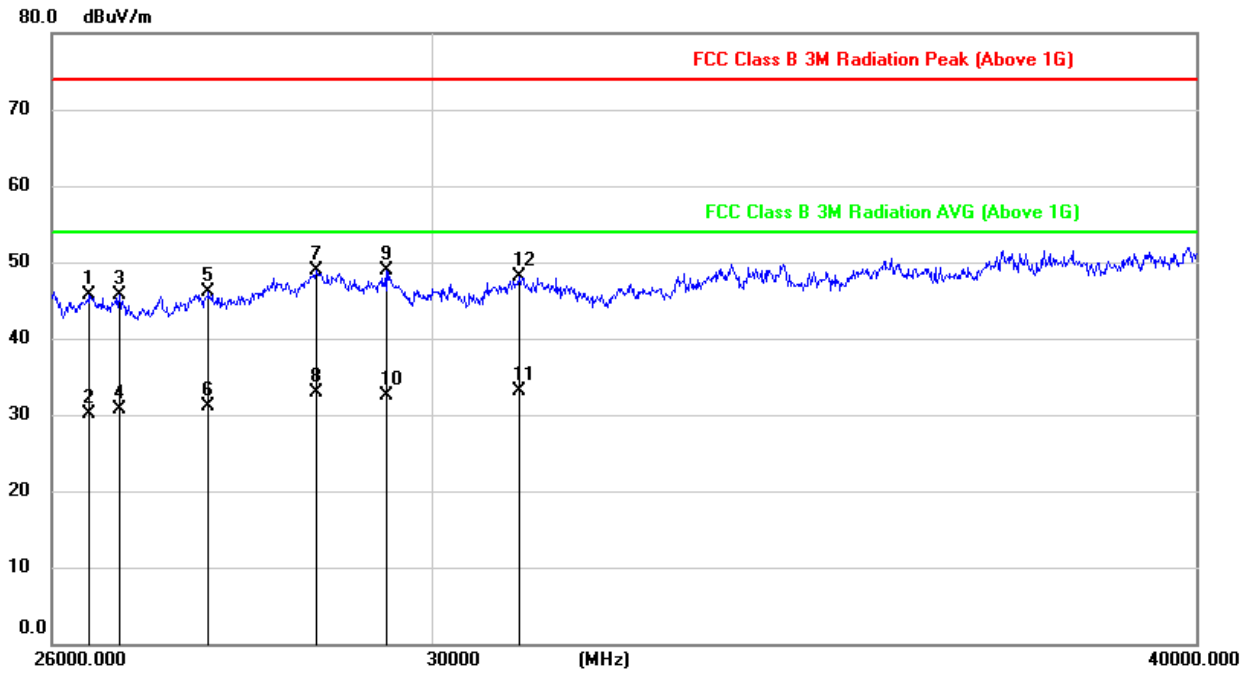
Test Mode:	Mode 6
Test Voltage:	AC 120V/60Hz

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26372.251	50.63	-4.98	45.65	74.00	-28.35	peak
2	26372.251	35.13	-4.98	30.15	54.00	-23.85	AVG
3	26669.290	50.91	-5.22	45.69	74.00	-28.31	peak
4	26669.290	35.89	-5.22	30.67	54.00	-23.33	AVG
5	27580.632	48.94	-2.93	46.01	74.00	-27.99	peak
6	27580.632	34.09	-2.93	31.16	54.00	-22.84	AVG
7	28720.392	47.50	1.41	48.91	74.00	-25.09	peak
8	28720.392	31.57	1.41	32.98	54.00	-21.02	AVG
9	29485.103	48.19	0.73	48.92	74.00	-25.08	peak
10	29485.103	31.69	0.73	32.42	54.00	-21.58	AVG
11	30995.932	34.21	-1.15	33.06	74.00	-40.94	peak
12	30995.932	49.32	-1.15	48.17	54.00	-5.83	AVG

Remark:
Result = Reading +Correct
Margin = Result - Limit

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