

TEST REPORT

Reference No...... : WTX22X04063547W001
FCC ID : 2A6IL-THX-WX38
Applicant : Shenzhen TaiHuaXin Technology Co.,LTD.
Address : 705, Building B , Huahai Business Building, No. 8, Haihui Road, Haihua community, Xin'an street, Bao'an District, Shenzhen, Guangdong, China
Manufacturer : The same as Applicant
Address : The same as Applicant
Product Name : 3 IN 1 FOLDABLE WIRELESS CHARGER
Model No...... : THX-WX38
Standards : FCC Part 18
Date of Receipt sample : 2022-04-07
Date of Test..... : 2022-04-07 to 2022-05-06
Date of Issue : 2022-05-06
Test Report Form No. : WTX_Part 18W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2022-05-06	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	3 IN 1 FOLDABLE WIRELESS CHARGER
Trade Name:	/
Model No.:	THX-WX38
Adding Model(s):	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Frequency Range:	110~205KHz; 320-330KHz
Modulation Type:	ASK/FSK
Antenna Type:	Coil Antenna
Antenna Gain	0dBi
Rated Voltage:	Input: 9V 2.5A Phone Output: 15W/10W/7.5W/5W Watch Output: 2.5W Earbuds Output: 5W
Rated Current:	Input: 2.5A
Rated Power:	Phone Output: 15W/10W/7.5W/5W Watch Output: 2.5W Earbuds Output: 5W

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1.2 Test Standards

The tests were performed according to following standards:

FCC Part 18 Subpart C: Industrial, Scientific, and medical medical equipment.

ANSI C63.4-2014: American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 and FCC MP-5:1986, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

1.4 Test Facility

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C. (518101)

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

1.5 EUT Setup and Operation Mode

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted according to the operation manual for use, more detailed description as follows:

Test Mode List:

Test Mode	Description	Remark	Power Supply Mode
TM1	Wireless Charging	Output 5W (Phone)	AC120V for Adapter DC5V/9V
TM2	Wireless Charging	Output 10W (Phone)	AC120V for Adapter DC5V/9V
TM3	Wireless Charging	Output 15W (Phone)	AC120V for Adapter DC5V/9V
TM4	Wireless Charging	Output 5W (Earbuds)	AC120V for Adapter DC5V/9V
TM5	Wireless Charging	Output 2.5W (Watch)	AC120V for Adapter DC5V/9V
TM6	Wireless Charging	Output 15W (Phone) + Output 5W (Earbuds) + Output 2.5W (Watch)	AC120V for Adapter DC5V/9V

EUT Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
/	/	/	/

Auxiliary Equipment List and Details

Description	Manufacturer	Model	Serial Number
wireless charging tester	YBZ	YBZ wireless charging tester	/
Adapter	Xiaomi	MDY-08-ES	/
Smart phone	Apple	iPhone 12 Pro Max	/
Air pods	Apple	A2190	/
Apple Watch	Apple	MKJP3CH/A	/

Special Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
USB Cable	1.20	Unshielded	Without Ferrite

1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
Conducted Emissions	Conducted	9-150kHz $\pm 3.74\text{dB}$
		0.15-30MHz $\pm 3.34\text{dB}$
Radiated Emissions	Radiated	30-200MHz $\pm 4.52\text{dB}$
		0.2-1GHz $\pm 5.56\text{dB}$
		1-6GHz $\pm 3.84\text{dB}$
		6-18GHz $\pm 3.92\text{dB}$

1.7 Test Equipment List and Details

Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
Spectrum Analyzer	Rohde & Schwarz	FSP	836079/035	2022-03-22	2023-03-21
EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2022-03-22	2023-03-21
Amplifier	Agilent	8447F	3113A06717	2022-01-07	2023-01-06
Amplifier	C&D	PAP-1G18	2002	2022-03-22	2023-03-21
Trilog Broadband Antenna	Schwarz beck	VULB9163	9163-333	2021-03-20	2023-03-19
Horn Antenna	ETS	3117	00086197	2021-03-19	2023-03-18
Loop Antenna	Schwarz beck	FMZB 1516	9773	2021-03-20	2023-03-19
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2021-04-09	2023-04-08
Amplifier	Agilent	8447D	2944A10179	2022-03-22	2023-03-21
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2022-03-25	2023-03-24

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission)*	Farad	EZ-EMC	RA-03A1

*Remark: indicates software version used in the compliance certification testing

2. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§ 18.307 (b)	Conducted Emission	Compliant
§ 18.305 (b)	Radiated Emission	Compliant

3. Conducted Emissions

3.1 Standard Applicable

According to FCC 18.307(b), the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies shall not exceed the limits in the following tables:

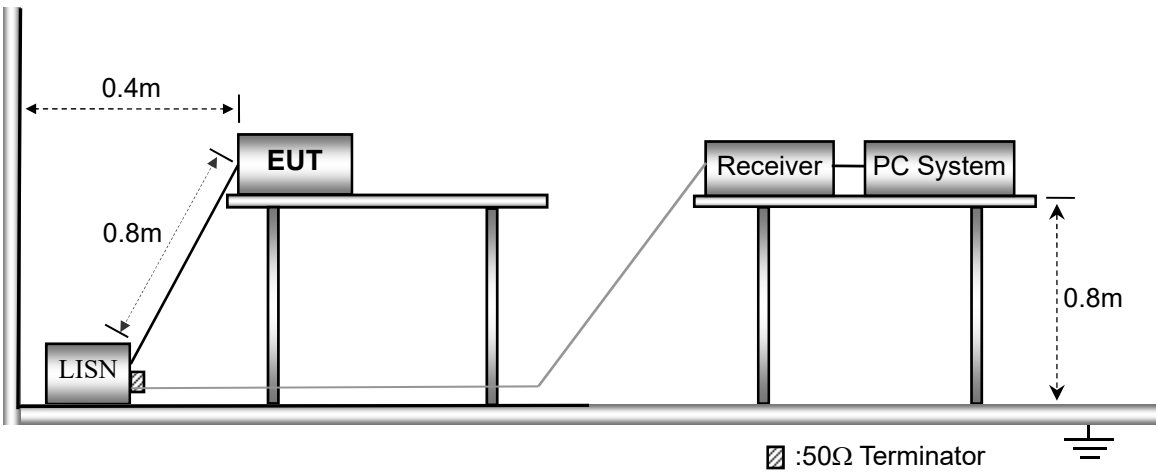
Frequency (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

3.2 Test Procedure

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 18.307 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.

3.3 Basic Test Setup Block Diagram



3.4 Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	54%
ATM Pressure:	1016 mbar

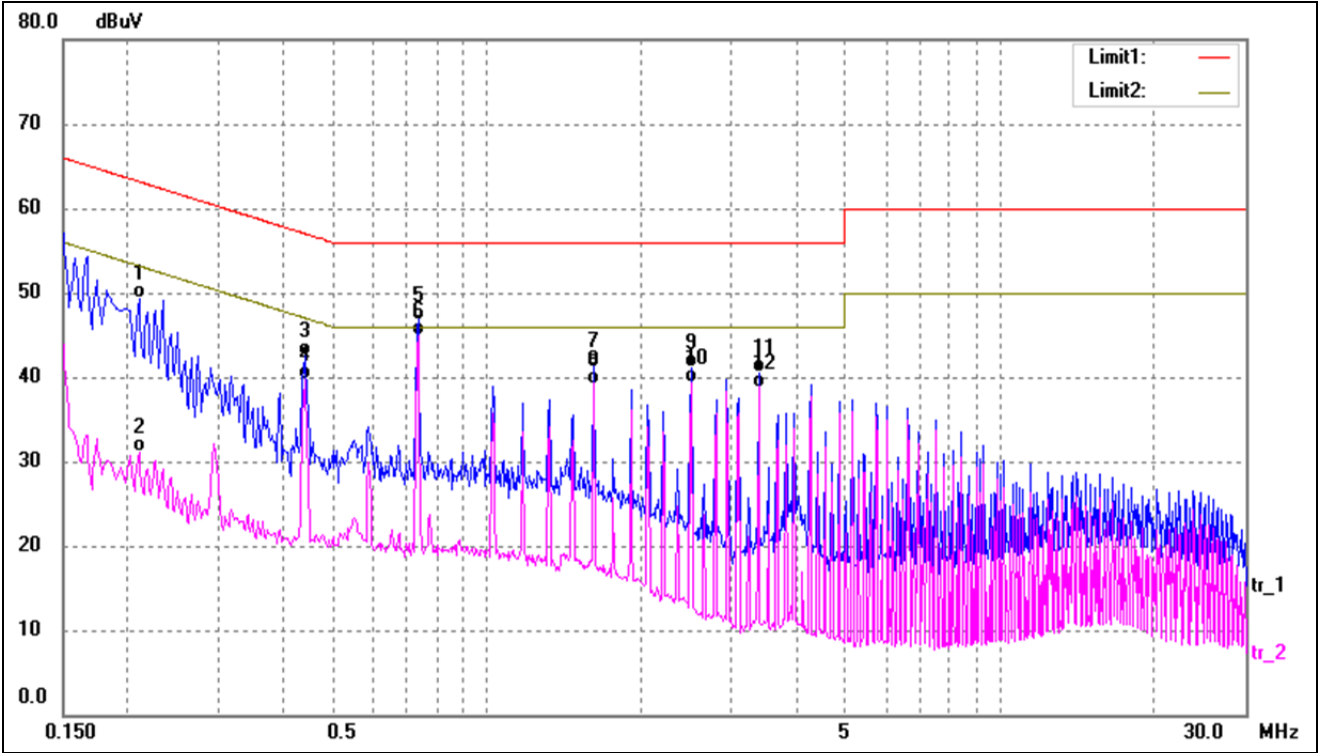
3.5 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency	150 kHz
Stop Frequency.....	30 MHz
Sweep Speed	Auto
IF Bandwidth.....	10 kHz
Quasi-Peak Adapter Bandwidth	9 kHz
Quasi-Peak Adapter Mode	Normal

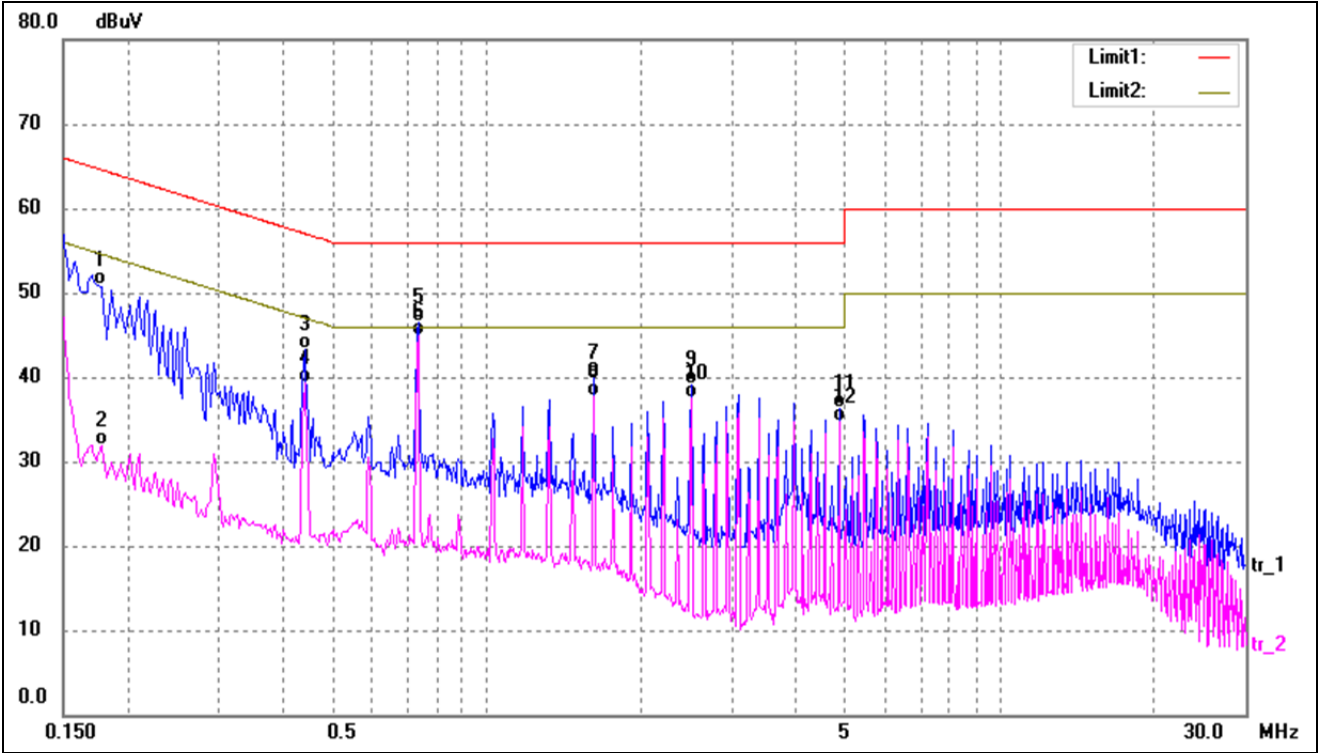
3.6 Summary of Test Results/Plots

Test mode:	TM1	Polarity:	Line
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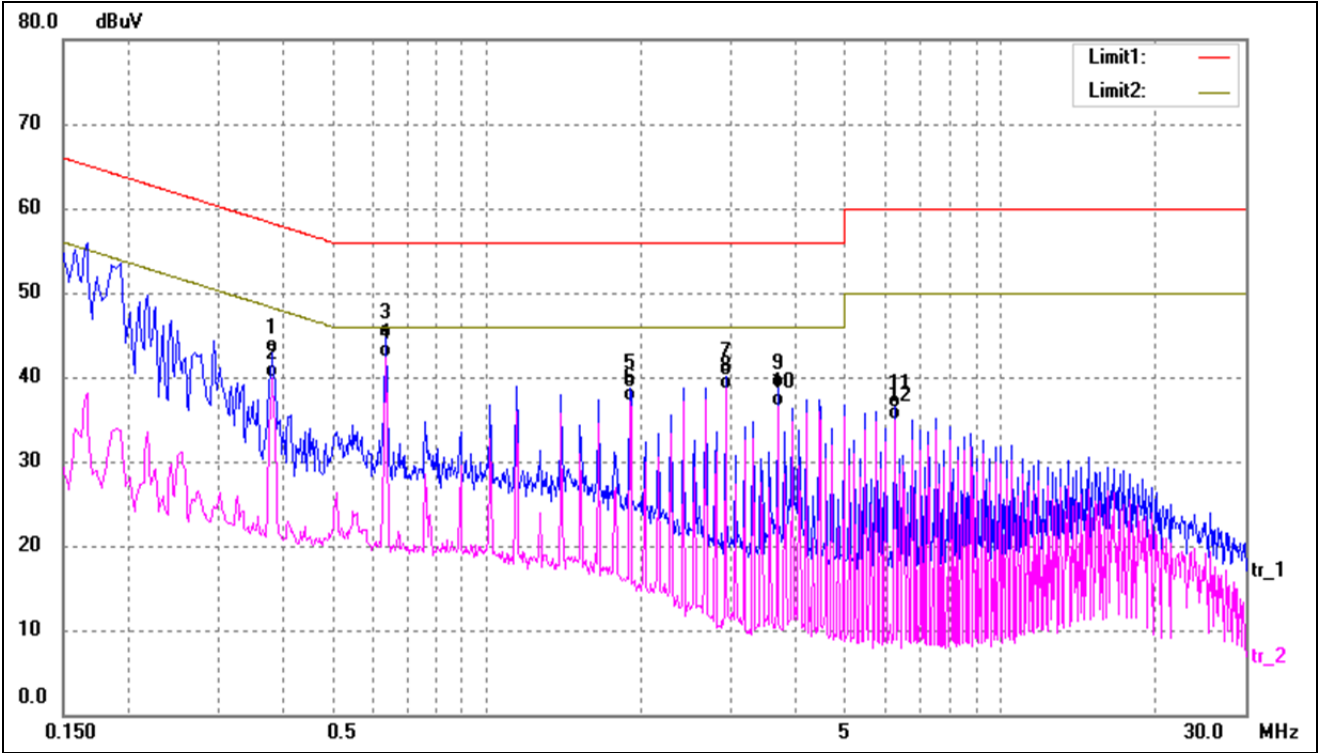
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2100	38.92	10.37	49.29	63.21	-13.92	QP
2	0.2100	20.71	10.37	31.08	53.21	-22.13	AVG
3	0.4420	32.13	10.28	42.41	57.02	-14.61	QP
4	0.4420	29.51	10.28	39.79	47.02	-7.23	AVG
5	0.7380	36.40	10.40	46.80	56.00	-9.20	QP
6*	0.7380	34.41	10.40	44.81	46.00	-1.19	AVG
7	1.6180	31.05	10.29	41.34	56.00	-14.66	QP
8	1.6180	28.91	10.29	39.20	46.00	-6.80	AVG
9	2.5020	31.01	10.11	41.12	56.00	-14.88	QP
10	2.5020	29.22	10.11	39.33	46.00	-6.67	AVG
11	3.3860	30.46	10.07	40.53	56.00	-15.47	QP
12	3.3860	28.73	10.07	38.80	46.00	-7.20	AVG

Test mode:	TM1	Polarity:	Neutral
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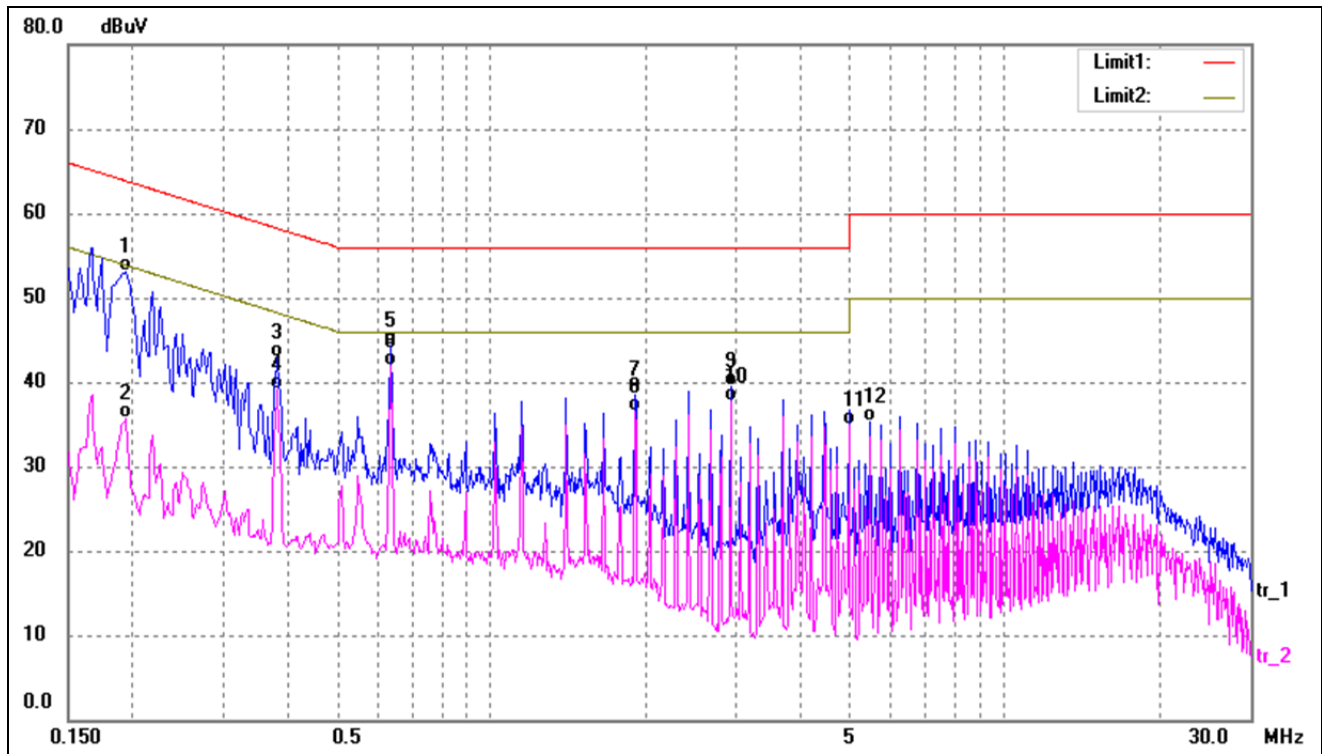
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1749	40.48	10.37	50.85	64.72	-13.87	QP
2	0.1780	21.61	10.37	31.98	54.58	-22.60	AVG
3	0.4420	32.95	10.28	43.23	57.02	-13.79	QP
4	0.4420	29.12	10.28	39.40	47.02	-7.62	AVG
5	0.7380	36.13	10.40	46.53	56.00	-9.47	QP
6*	0.7380	34.44	10.40	44.84	46.00	-1.16	AVG
7	1.6180	29.54	10.29	39.83	56.00	-16.17	QP
8	1.6180	27.47	10.29	37.76	46.00	-8.24	AVG
9	2.5020	28.97	10.11	39.08	56.00	-16.92	QP
10	2.5020	27.33	10.11	37.44	46.00	-8.56	AVG
11	4.8580	26.37	10.01	36.38	56.00	-19.62	QP
12	4.8580	24.64	10.01	34.65	46.00	-11.35	AVG

Test mode:	TM2	Polarity:	Line
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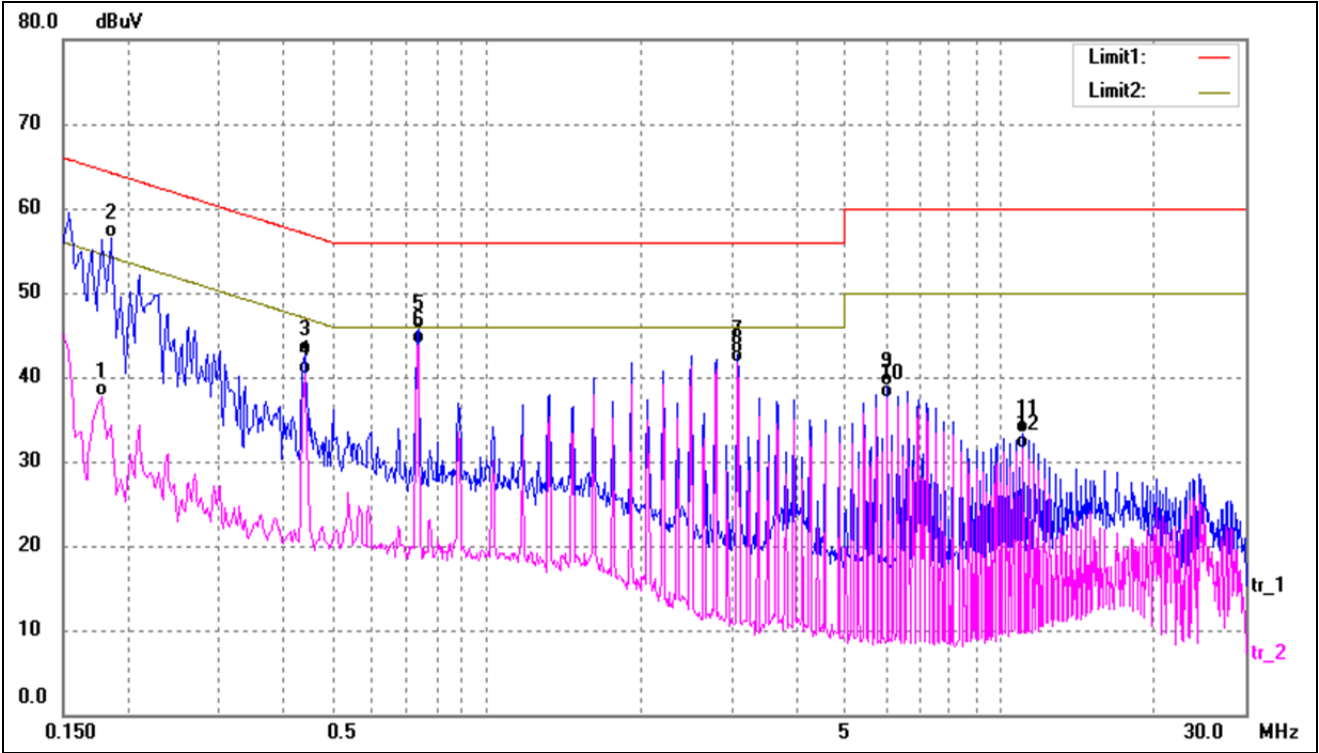
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3820	32.59	10.30	42.89	58.24	-15.35	QP
2	0.3820	29.68	10.30	39.98	48.24	-8.26	AVG
3	0.6380	34.30	10.34	44.64	56.00	-11.36	QP
4*	0.6380	31.87	10.34	42.21	46.00	-3.79	AVG
5	1.9060	28.54	10.17	38.71	56.00	-17.29	QP
6	1.9060	26.95	10.17	37.12	46.00	-8.88	AVG
7	2.9260	30.04	10.09	40.13	56.00	-15.87	QP
8	2.9260	28.51	10.09	38.60	46.00	-7.40	AVG
9	3.6860	28.66	10.06	38.72	56.00	-17.28	QP
10	3.6860	26.52	10.06	36.58	46.00	-9.42	AVG
11	6.2300	26.43	9.97	36.40	60.00	-23.60	QP
12	6.2300	24.95	9.97	34.92	50.00	-15.08	AVG

Test mode:	TM2	Polarity:	Neutral
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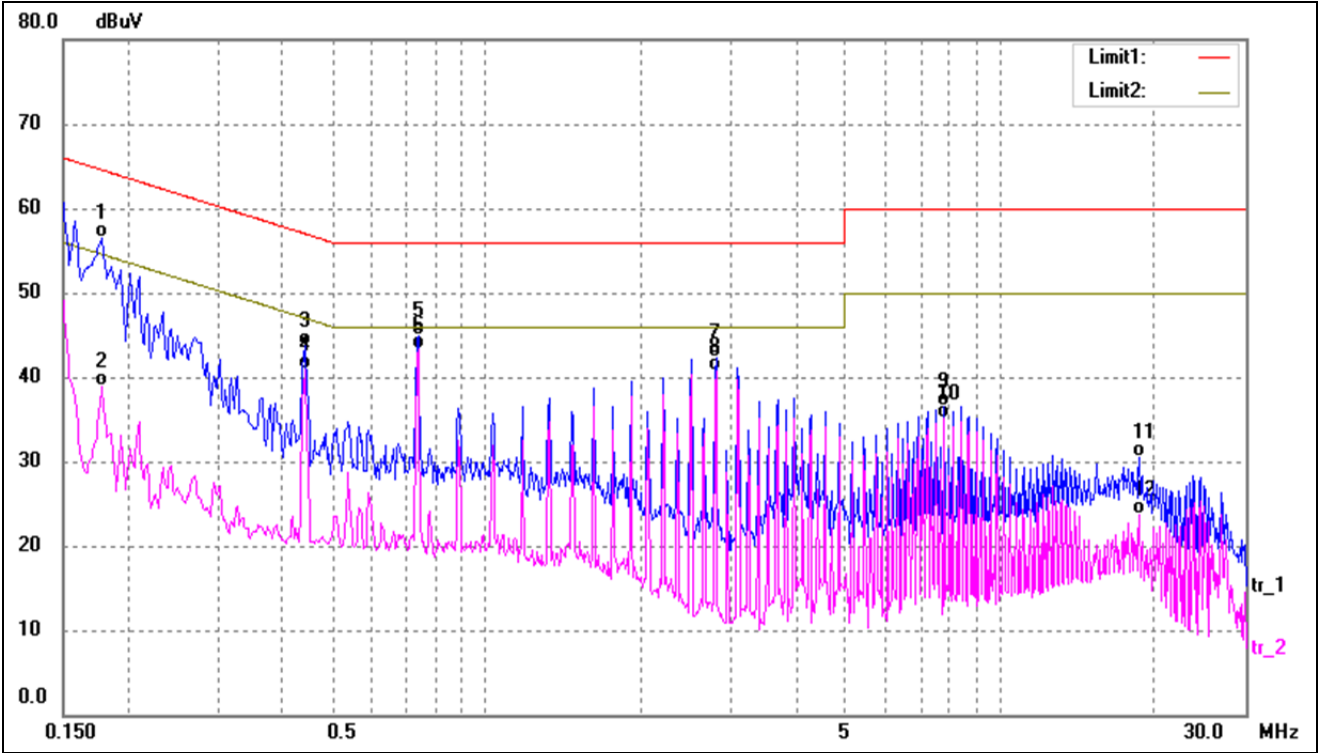
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1940	42.79	10.37	53.16	63.86	-10.70	QP
2	0.1940	25.24	10.37	35.61	53.86	-18.25	AVG
3	0.3820	32.52	10.30	42.82	58.24	-15.42	QP
4	0.3820	28.78	10.30	39.08	48.24	-9.16	AVG
5	0.6380	33.94	10.34	44.28	56.00	-11.72	QP
6*	0.6380	31.53	10.34	41.87	46.00	-4.13	AVG
7	1.9060	28.28	10.17	38.45	56.00	-17.55	QP
8	1.9060	26.27	10.17	36.44	46.00	-9.56	AVG
9	2.9260	29.45	10.09	39.54	56.00	-16.46	QP
10	2.9260	27.61	10.09	37.70	46.00	-8.30	AVG
11	4.9580	24.94	10.00	34.94	46.00	-11.06	AVG
12	5.4660	25.35	9.99	35.34	60.00	-24.66	QP

Test mode:	TM3	Polarity:	Line
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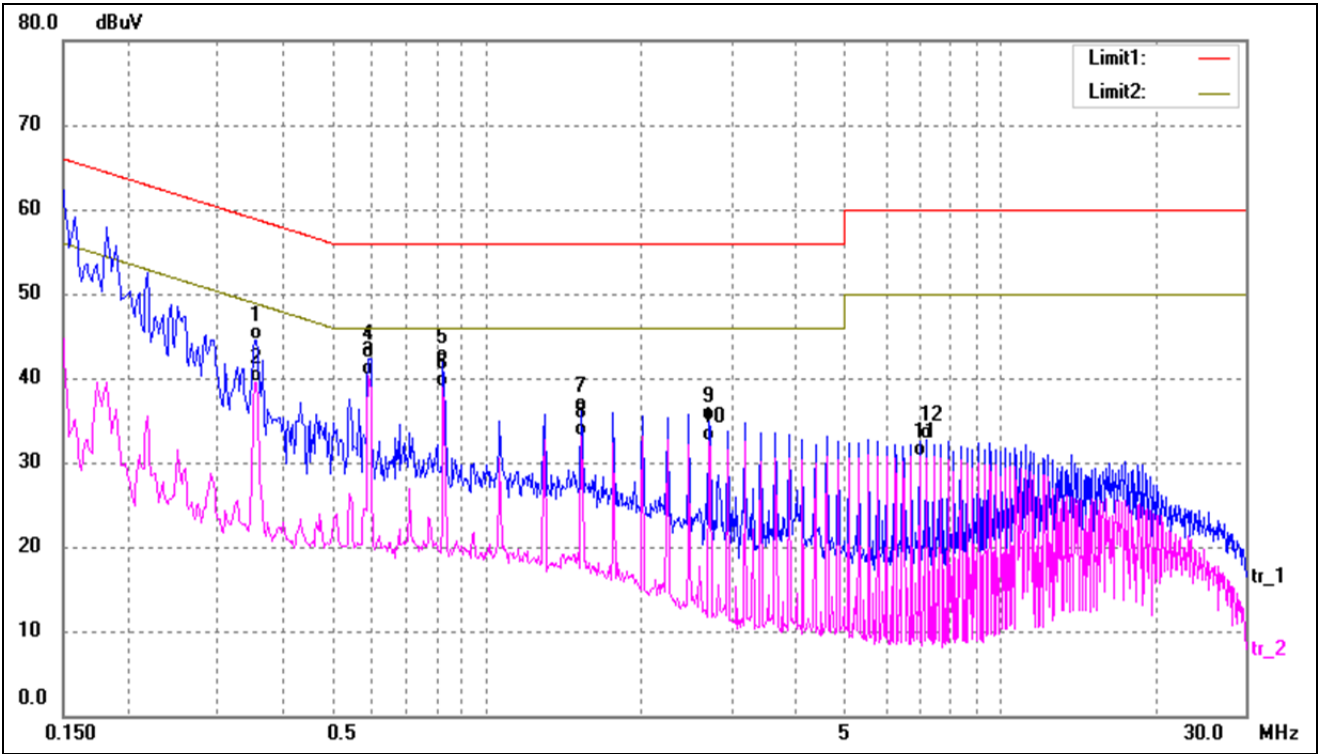
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	27.26	10.37	37.63	54.58	-16.95	AVG
2	0.1860	46.22	10.37	56.59	64.21	-7.62	QP
3	0.4420	32.39	10.28	42.67	57.02	-14.35	QP
4	0.4420	29.93	10.28	40.21	47.02	-6.81	AVG
5	0.7380	35.35	10.40	45.75	56.00	-10.25	QP
6*	0.7380	33.47	10.40	43.87	46.00	-2.13	AVG
7	3.0900	32.70	10.08	42.78	56.00	-13.22	QP
8	3.0900	31.57	10.08	41.65	46.00	-4.35	AVG
9	6.0340	29.02	9.97	38.99	60.00	-21.01	QP
10	6.0340	27.62	9.97	37.59	50.00	-12.41	AVG
11	11.0380	23.36	9.93	33.29	60.00	-26.71	QP
12	11.0380	21.49	9.93	31.42	50.00	-18.58	AVG

Test mode:	TM3	Polarity:	Neutral
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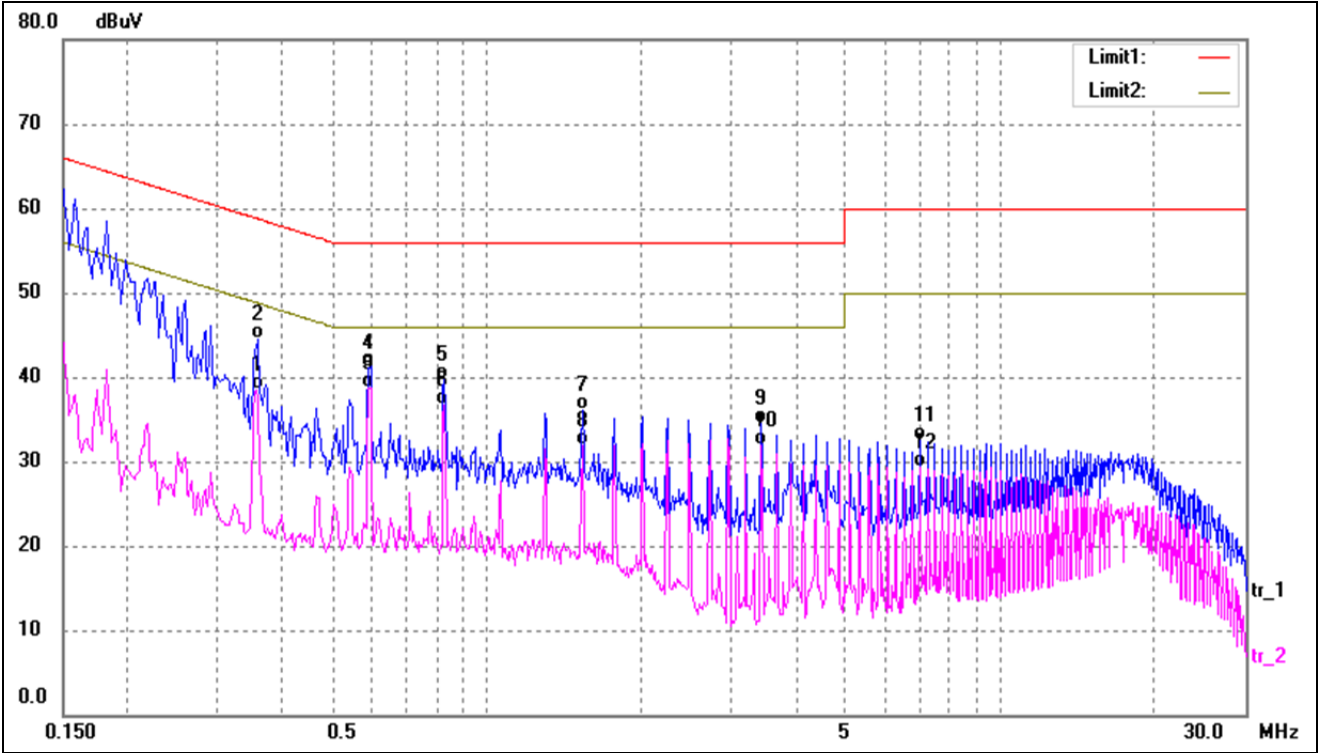
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	46.19	10.37	56.56	64.58	-8.02	QP
2	0.1780	28.60	10.37	38.97	54.58	-15.61	AVG
3	0.4420	33.46	10.28	43.74	57.02	-13.28	QP
4	0.4420	30.63	10.28	40.91	47.02	-6.11	AVG
5	0.7380	34.53	10.40	44.93	56.00	-11.07	QP
6*	0.7380	32.82	10.40	43.22	46.00	-2.78	AVG
7	2.7980	32.15	10.10	42.25	56.00	-13.75	QP
8	2.7980	30.70	10.10	40.80	46.00	-5.20	AVG
9	7.8020	26.64	9.92	36.56	60.00	-23.44	QP
10	7.8020	25.16	9.92	35.08	50.00	-14.92	AVG
11	18.6900	20.23	10.22	30.45	60.00	-29.55	QP
12	18.6900	13.52	10.22	23.74	50.00	-26.26	AVG

Test mode:	TM4	Polarity:	Line
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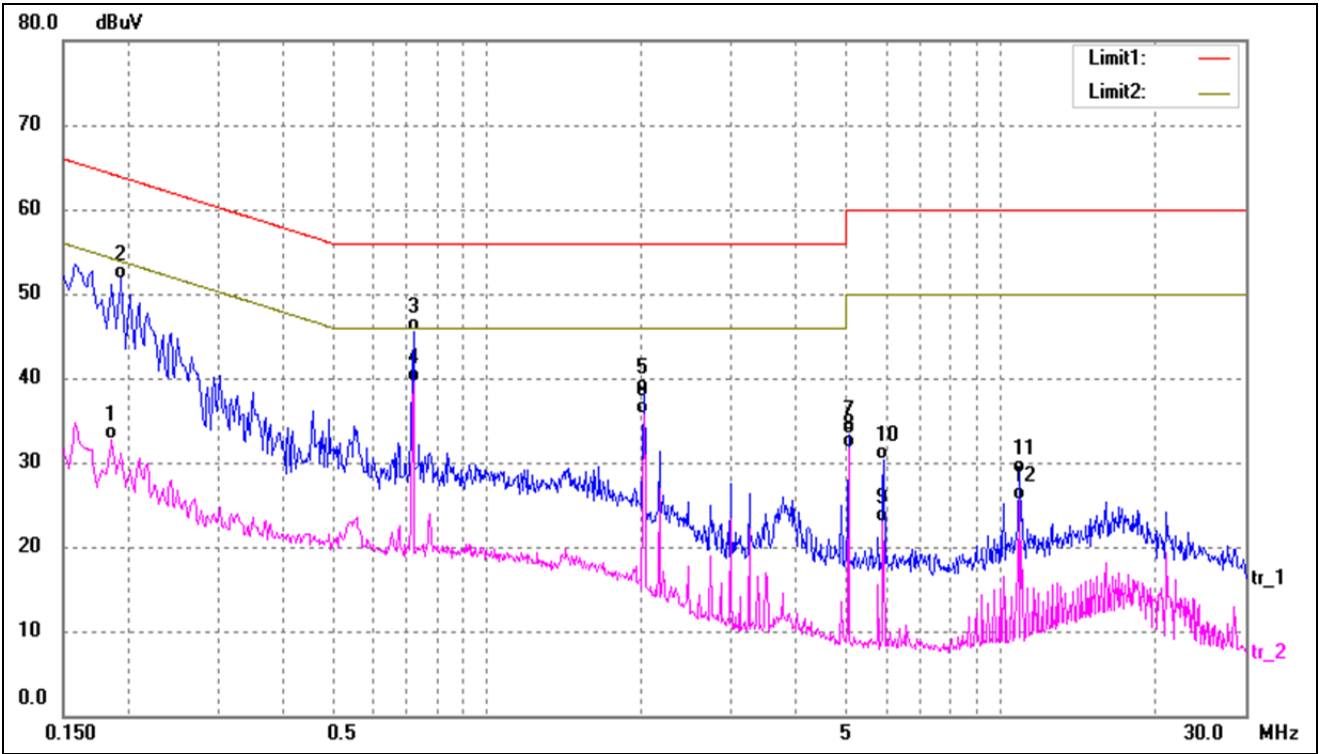
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3540	34.21	10.31	44.52	58.87	-14.35	QP
2	0.3540	29.24	10.31	39.55	48.87	-9.32	AVG
3*	0.5900	29.99	10.31	40.30	46.00	-5.70	AVG
4	0.5940	32.08	10.32	42.40	56.00	-13.60	QP
5	0.8260	31.53	10.46	41.99	56.00	-14.01	QP
6	0.8260	28.42	10.46	38.88	46.00	-7.12	AVG
7	1.5340	25.81	10.33	36.14	56.00	-19.86	QP
8	1.5340	22.79	10.33	33.12	46.00	-12.88	AVG
9	2.7180	24.88	10.10	34.98	56.00	-21.02	QP
10	2.7180	22.31	10.10	32.41	46.00	-13.59	AVG
11	6.9580	20.72	9.95	30.67	50.00	-19.33	AVG
12	7.1940	22.72	9.95	32.67	60.00	-27.33	QP

Test mode:	TM4	Polarity:	Neutral
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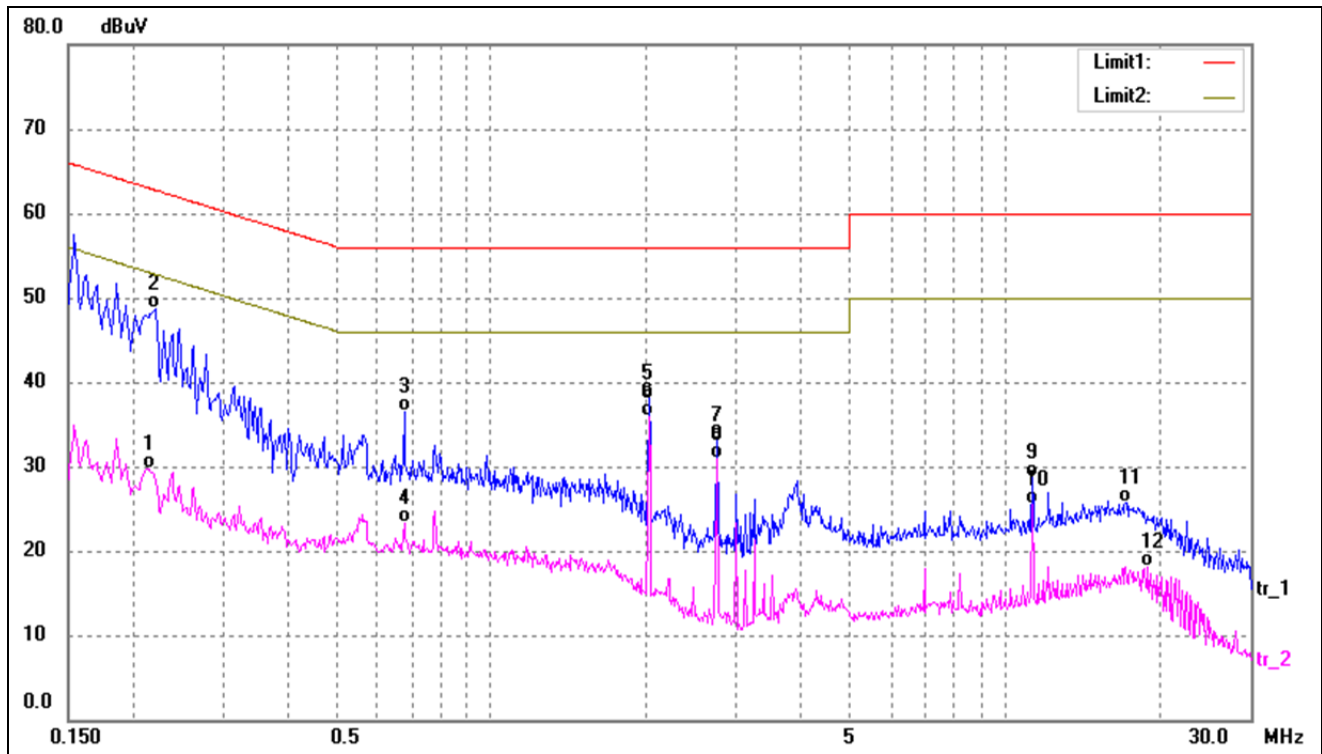
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3540	28.24	10.31	38.55	48.87	-10.32	AVG
2	0.3580	34.13	10.31	44.44	58.77	-14.33	QP
3*	0.5900	28.33	10.31	38.64	46.00	-7.36	AVG
4	0.5940	30.88	10.32	41.20	56.00	-14.80	QP
5	0.8300	29.32	10.46	39.78	56.00	-16.22	QP
6	0.8300	26.33	10.46	36.79	46.00	-9.21	AVG
7	1.5380	25.82	10.32	36.14	56.00	-19.86	QP
8	1.5380	21.64	10.32	31.96	46.00	-14.04	AVG
9	3.4340	24.41	10.07	34.48	56.00	-21.52	QP
10	3.4340	21.76	10.07	31.83	46.00	-14.17	AVG
11	6.9860	22.61	9.95	32.56	60.00	-27.44	QP
12	6.9860	19.26	9.95	29.21	50.00	-20.79	AVG

Test mode:	TM5	Polarity:	Line
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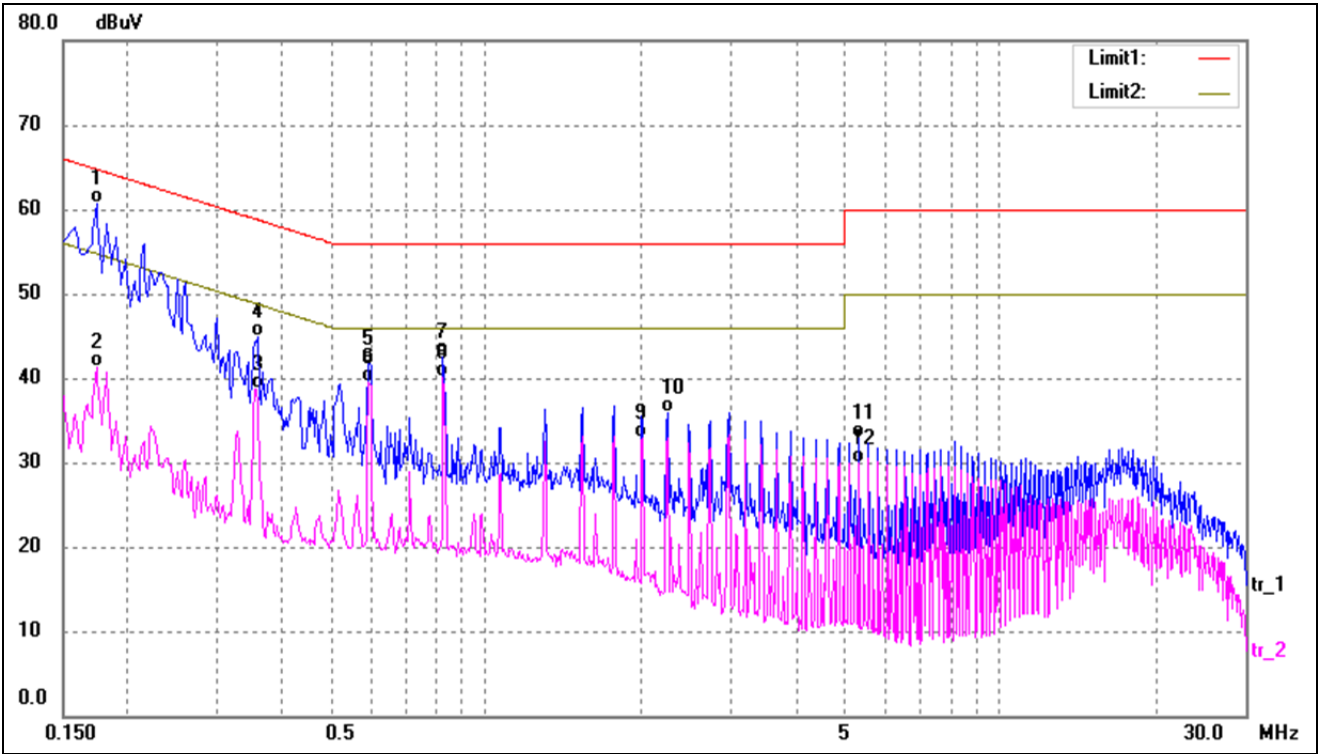
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1860	22.34	10.37	32.71	54.21	-21.50	AVG
2	0.1940	41.43	10.37	51.80	63.86	-12.06	QP
3	0.7220	35.09	10.39	45.48	56.00	-10.52	QP
4*	0.7220	29.21	10.39	39.60	46.00	-6.40	AVG
5	2.0260	28.11	10.13	38.24	56.00	-17.76	QP
6	2.0260	25.66	10.13	35.79	46.00	-10.21	AVG
7	5.0620	23.26	10.00	33.26	60.00	-26.74	QP
8	5.0620	21.64	10.00	31.64	50.00	-18.36	AVG
9	5.9260	12.87	9.97	22.84	50.00	-27.16	AVG
10	5.9300	20.30	9.97	30.27	60.00	-29.73	QP
11	10.8540	18.88	9.92	28.80	60.00	-31.20	QP
12	10.8540	15.54	9.92	25.46	50.00	-24.54	AVG

Test mode:	TM5	Polarity:	Neutral
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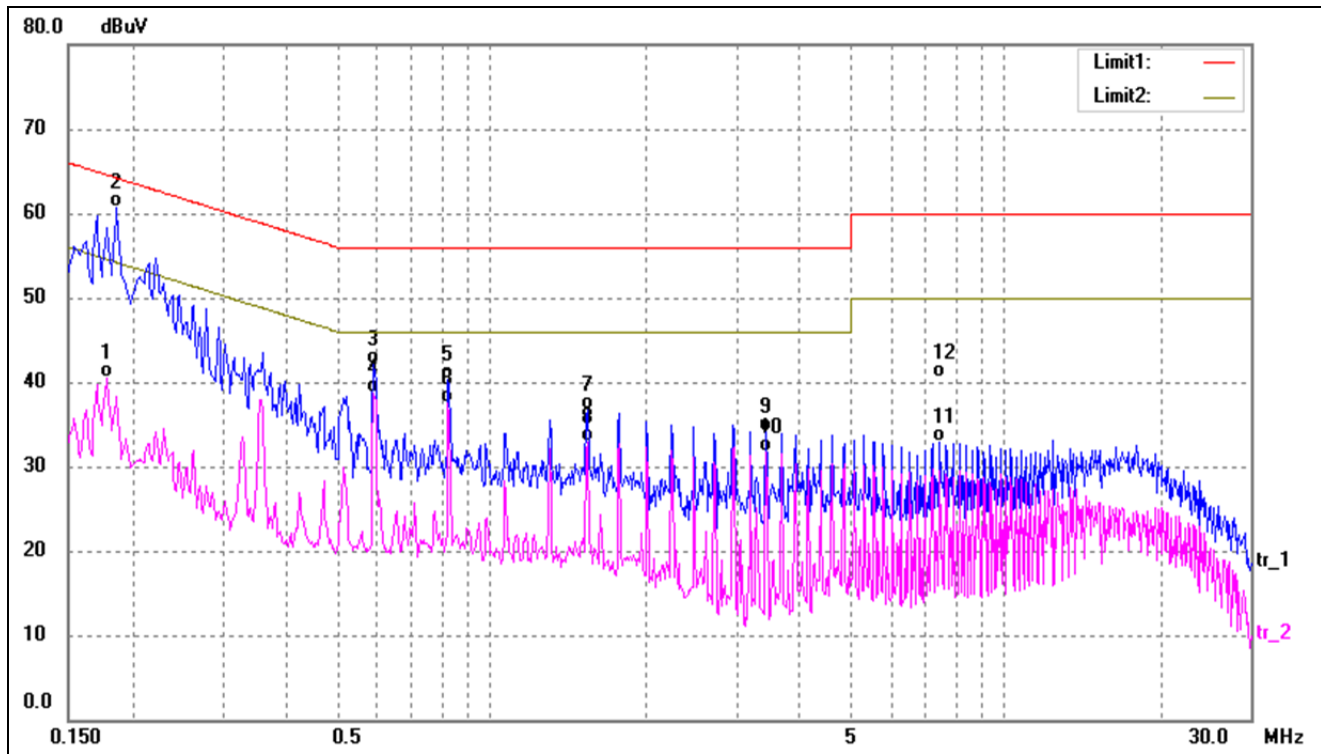
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2140	19.34	10.37	29.71	53.05	-23.34	AVG
2	0.2220	38.29	10.36	48.65	62.74	-14.09	QP
3	0.6780	26.04	10.37	36.41	56.00	-19.59	QP
4	0.6780	13.01	10.37	23.38	46.00	-22.62	AVG
5	2.0300	27.98	10.13	38.11	56.00	-17.89	QP
6*	2.0300	25.77	10.13	35.90	46.00	-10.10	AVG
7	2.7540	22.94	10.10	33.04	56.00	-22.96	QP
8	2.7540	20.71	10.10	30.81	46.00	-15.19	AVG
9	11.3060	18.83	9.95	28.78	60.00	-31.22	QP
10	11.3060	15.60	9.95	25.55	50.00	-24.45	AVG
11	17.2620	15.55	10.20	25.75	60.00	-34.25	QP
12	18.9500	7.86	10.23	18.09	50.00	-31.91	AVG

Test mode:	TM6	Polarity:	Line
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No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1*	0.1740	50.25	10.37	60.62	64.77	-4.15	QP
2	0.1740	31.03	10.37	41.40	54.77	-13.37	AVG
3	0.3540	28.45	10.31	38.76	48.87	-10.11	AVG
4	0.3580	34.67	10.31	44.98	58.77	-13.79	QP
5	0.5900	31.31	10.31	41.62	56.00	-14.38	QP
6	0.5900	29.10	10.31	39.41	46.00	-6.59	AVG
7	0.8260	31.98	10.46	42.44	56.00	-13.56	QP
8	0.8260	29.60	10.46	40.06	46.00	-5.94	AVG
9	2.0140	22.82	10.13	32.95	46.00	-13.05	AVG
10	2.2500	25.78	10.12	35.90	56.00	-20.10	QP
11	5.3220	22.97	9.99	32.96	60.00	-27.04	QP
12	5.3220	19.89	9.99	29.88	50.00	-20.12	AVG

Test mode:	TM6	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	30.15	10.37	40.52	54.58	-14.06	AVG
2*	0.1860	50.27	10.37	60.64	64.21	-3.57	QP
3	0.5900	31.73	10.31	42.04	56.00	-13.96	QP
4	0.5900	28.35	10.31	38.66	46.00	-7.34	AVG
5	0.8260	29.77	10.46	40.23	56.00	-15.77	QP
6	0.8260	27.05	10.46	37.51	46.00	-8.49	AVG
7	1.5380	26.43	10.32	36.75	56.00	-19.25	QP
8	1.5380	22.52	10.32	32.84	46.00	-13.16	AVG
9	3.4300	24.06	10.07	34.13	56.00	-21.87	QP
10	3.4300	21.70	10.07	31.77	46.00	-14.23	AVG
11	7.4500	22.87	9.94	32.81	60.00	-27.19	QP
12	7.4500	30.58	9.94	40.52	50.00	-9.48	AVG

4. Radiated Emissions

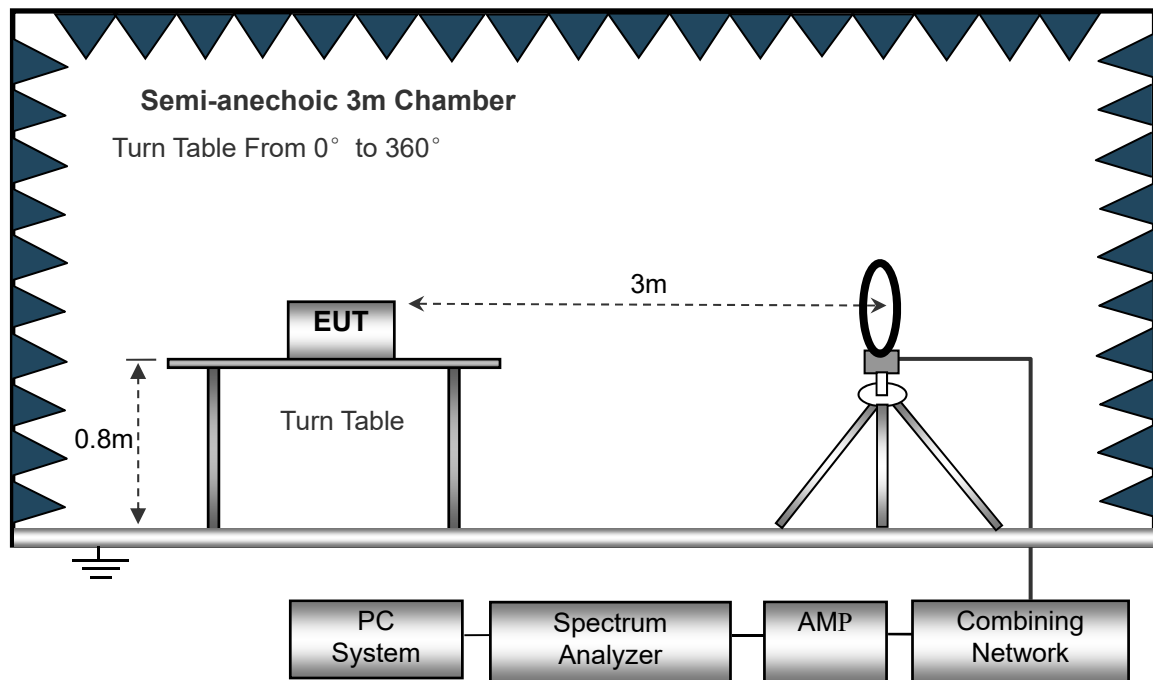
4.1 Test Procedure

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 18.305 Limit.

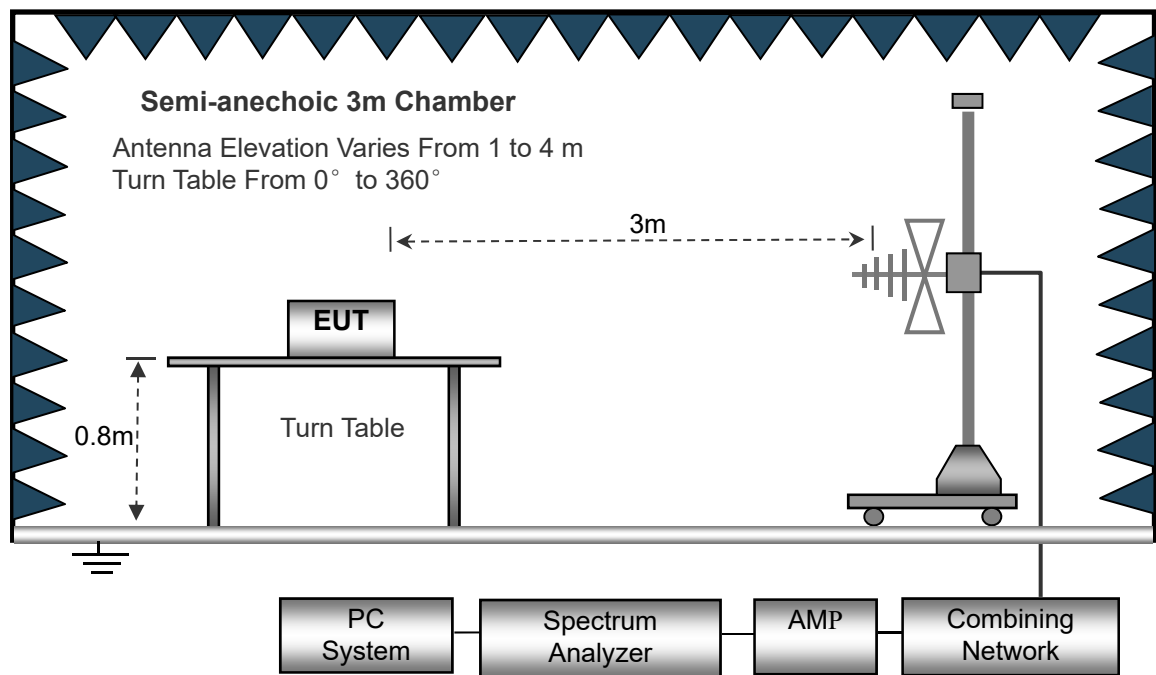
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

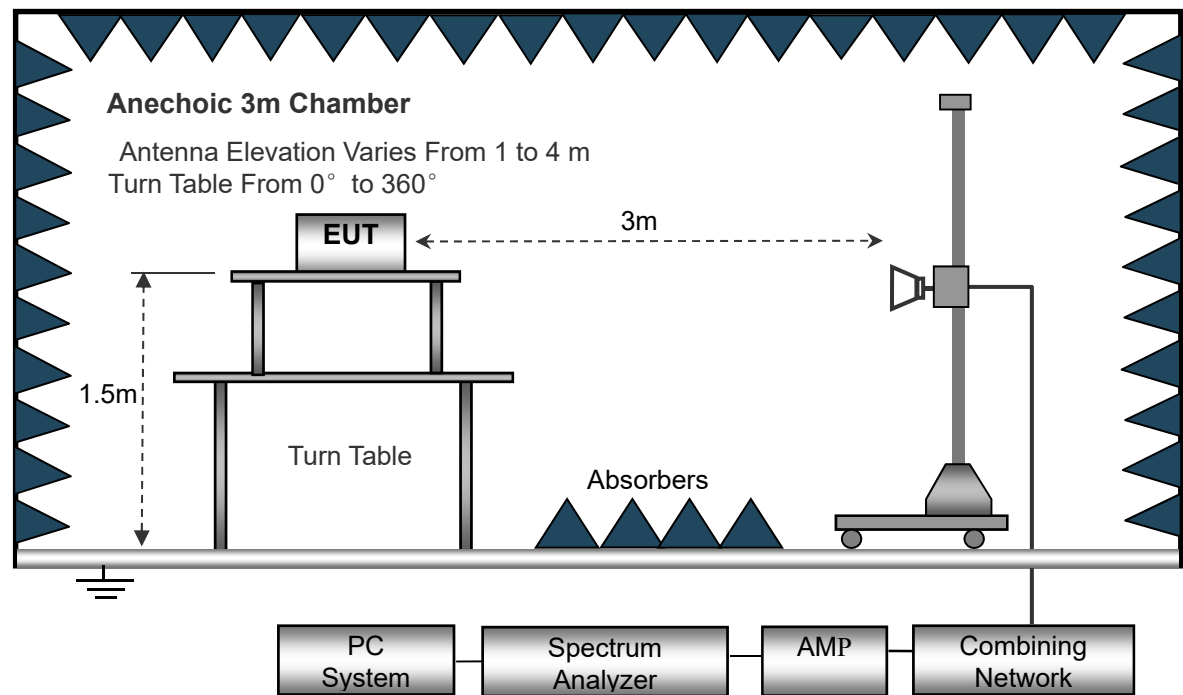
The test setup for emission measurement below 30MHz..



The test setup for emission measurement from 30 MHz to 1 GHz..



The test setup for emission measurement above 1 GHz..



4.2 Test Receiver Setup

Frequency :9kHz-30MHz

RBW=10KHz,

VBW =30KHz

Sweep time= Auto

Trace = max hold

Detector function = peak

Frequency :30MHz-1GHz

RBW=120KHz,

VBW=300KHz

Sweep time= Auto

Trace = max hold

Detector function = peak, QP

Frequency :Above 1GHz

RBW=1MHz,

VBW=3MHz(Peak), 10Hz(AV)

Sweep time= Auto

Trace = max hold

Detector function = peak, AV

4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} - \text{Corr. Factor}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dBμV means the emission is 6dBμV below the maximum limit for Any non-ISM frequency device. The equation for margin calculation is as follows:

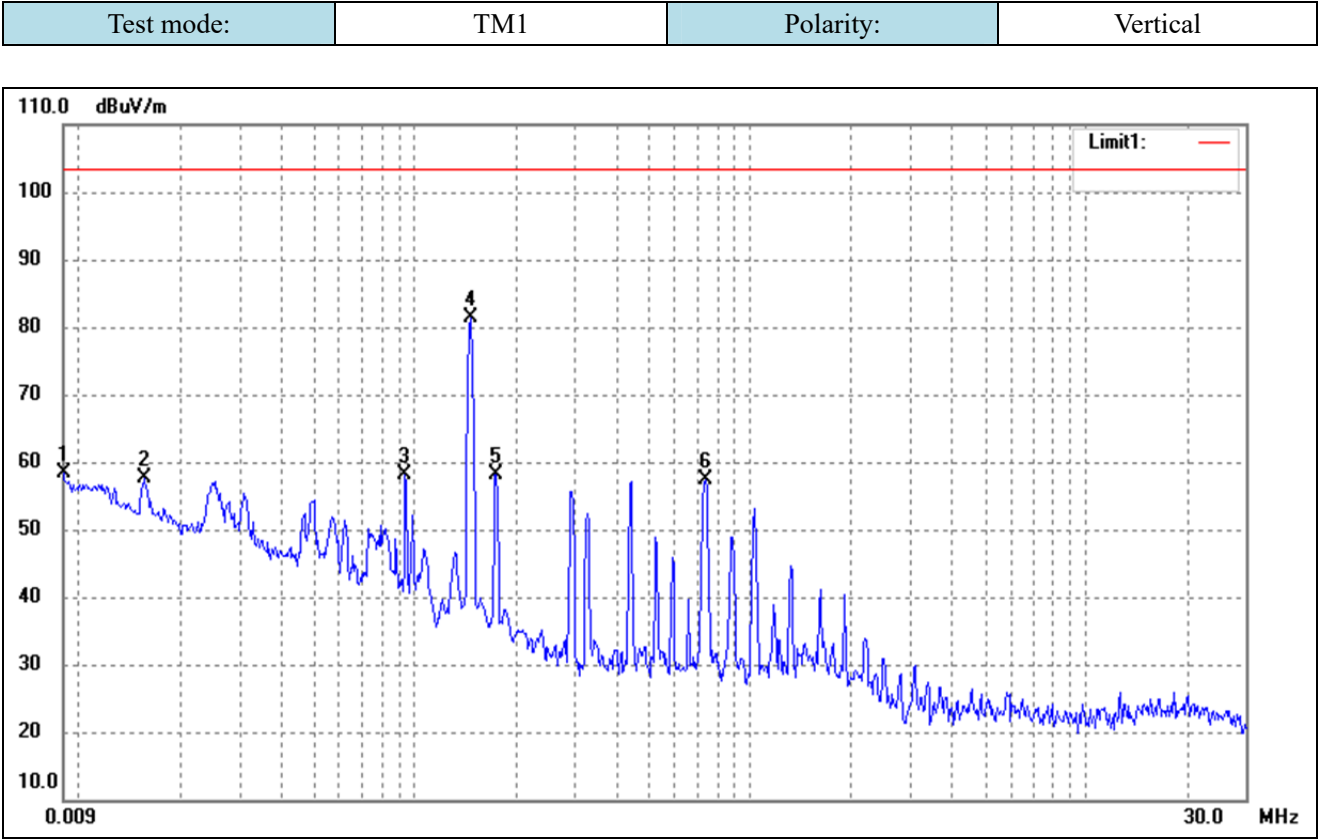
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 18.305 Limit}$$

4.4 Environmental Conditions

Temperature:	22 .5°C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

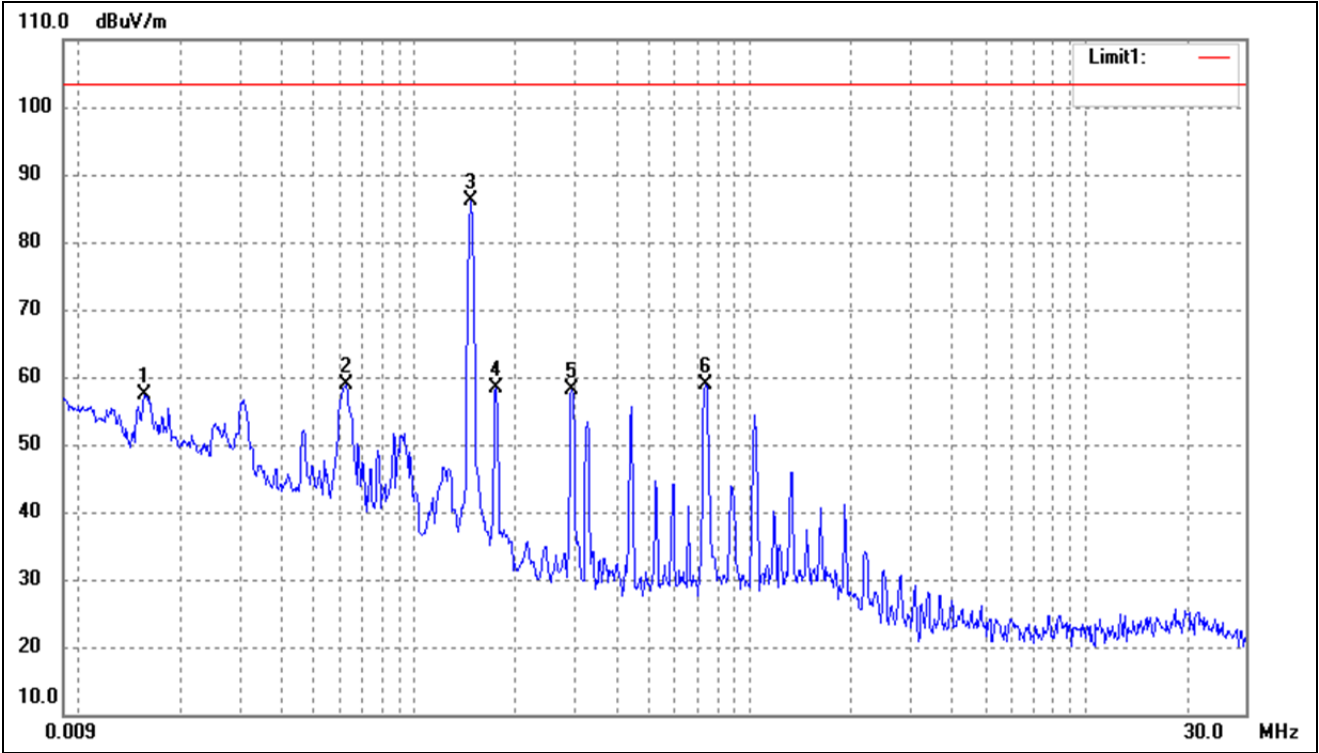
4.5 Summary of Test Results/Plots

Plot of Radiated Emissions Test Data (Below 30MHz)



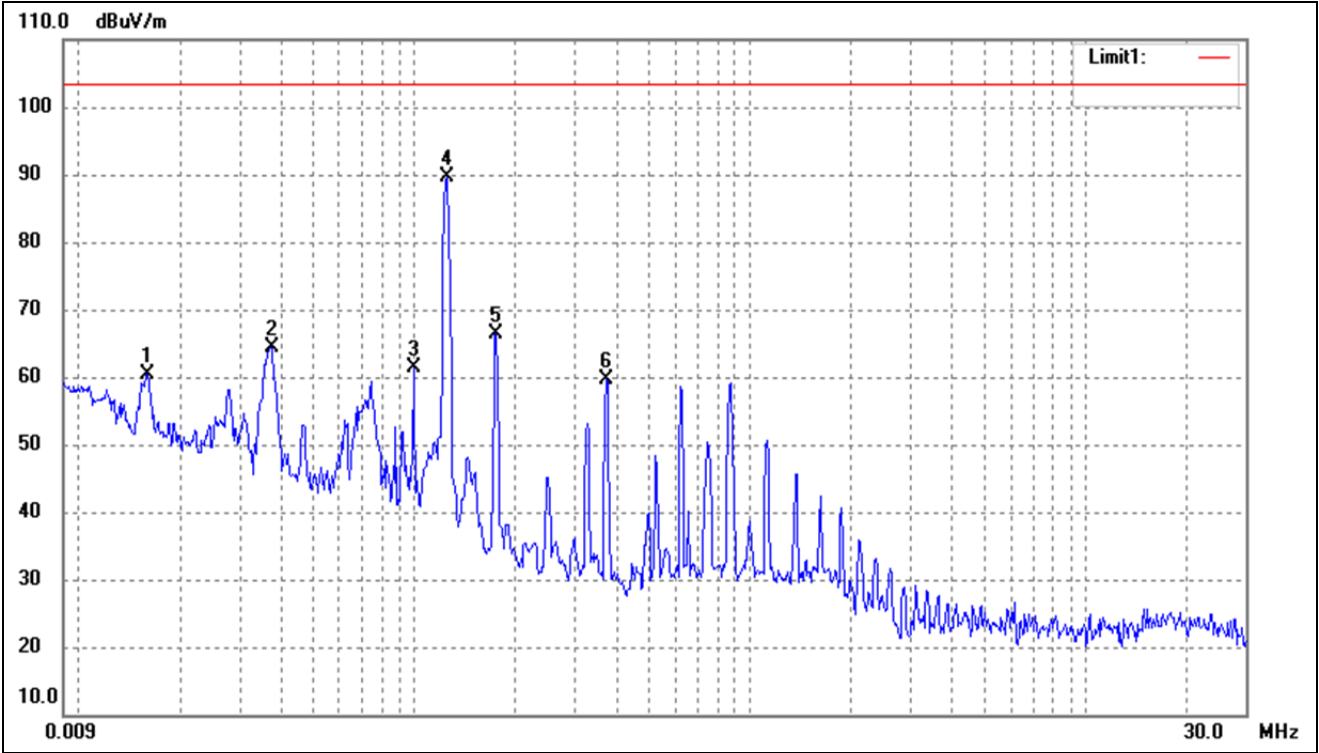
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	0.0090	63.38	-5.02	58.36	103.50	-45.14	-	-	peak
2	0.0156	63.13	-5.58	57.55	103.50	-45.95	-	-	peak
3	0.0938	62.74	-4.72	58.02	103.50	-45.48	-	-	peak
4	0.1466	85.62	-4.22	81.40	103.50	-22.10	-	-	peak
5	0.1751	62.55	-4.40	58.15	103.50	-45.35	-	-	peak
6	0.7365	60.50	-3.23	57.27	103.50	-46.23	-	-	peak

Test mode:	TM2	Polarity:	Vertical
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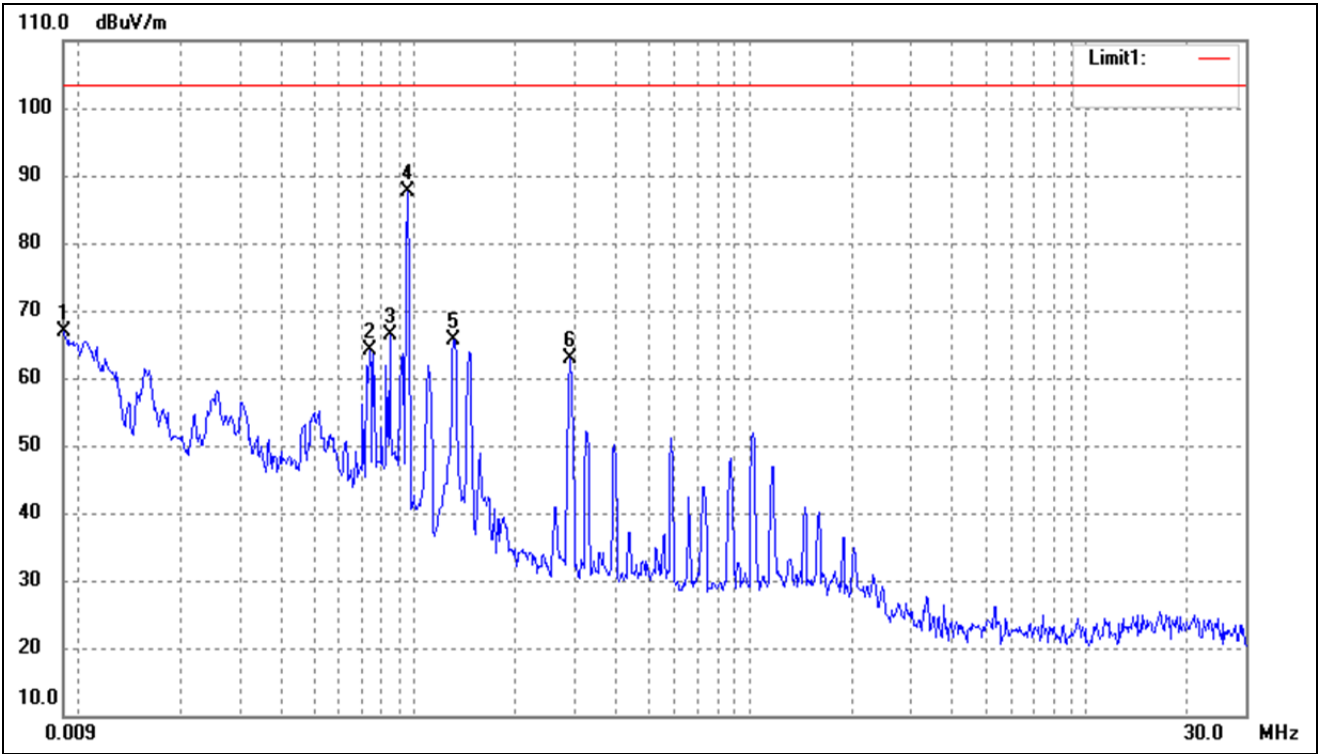
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0158	62.96	-5.58	57.38	103.50	-46.12	-	-	peak
2	0.0625	63.06	-4.25	58.81	103.50	-44.69	-	-	peak
3	0.1477	90.23	-4.21	86.02	103.50	-17.48	-	-	peak
4	0.1751	62.69	-4.40	58.29	103.50	-45.21	-	-	peak
5	0.2944	63.06	-4.91	58.15	103.50	-45.35	-	-	peak
6	0.7365	62.10	-3.23	58.87	103.50	-44.63	-	-	peak

Test mode:	TM3	Polarity:	Vertical
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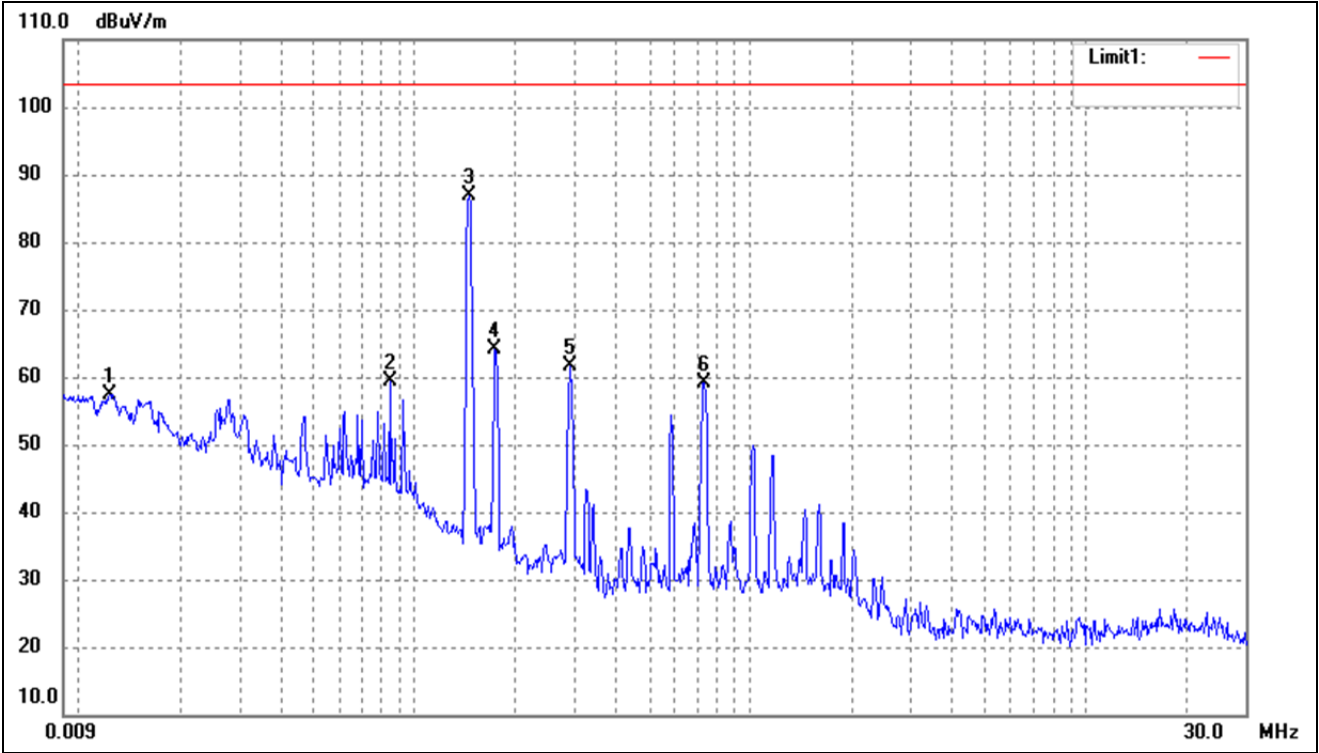
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0160	66.04	-5.58	60.46	103.50	-43.04	-	-	peak
2	0.0374	68.88	-4.56	64.32	103.50	-39.18	-	-	peak
3	0.0991	66.13	-4.73	61.40	103.50	-42.10	-	-	peak
4	0.1246	94.13	-4.46	89.67	103.50	-13.83	-	-	peak
5	0.1751	70.84	-4.40	66.44	103.50	-37.06	-	-	peak
6	0.3725	64.39	-4.74	59.65	103.50	-43.85	-	-	peak

Test mode:	TM4	Polarity:	Vertical
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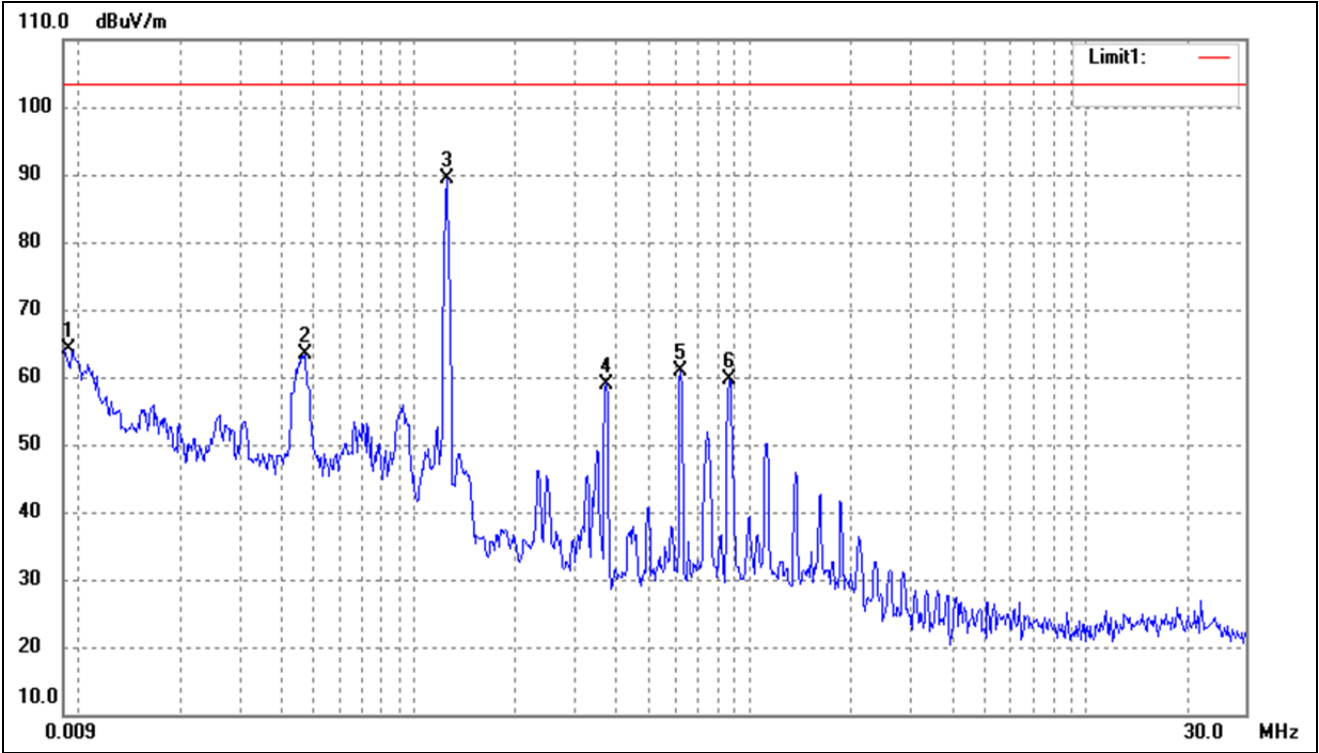
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	0.0088	71.88	-4.90	66.98	103.50	-36.52	-	-	peak
2	0.0735	68.67	-4.63	64.04	103.50	-39.46	-	-	peak
3	0.0844	71.05	-4.70	66.35	103.50	-37.15	-	-	peak
4	0.0953	92.29	-4.72	87.57	103.50	-15.93	-	-	peak
5	0.1307	69.98	-4.39	65.59	103.50	-37.91	-	-	peak
6	0.2921	67.90	-4.91	62.99	103.50	-40.51	-	-	peak

Test mode:	TM5	Polarity:	Vertical
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0123	63.07	-5.60	57.47	103.50	-46.03	-	-	peak
2	0.0844	64.01	-4.70	59.31	103.50	-44.19	-	-	peak
3	0.1454	91.12	-4.24	86.88	103.50	-16.62	-	-	peak
4	0.1737	68.61	-4.38	64.23	103.50	-39.27	-	-	peak
5	0.2921	66.51	-4.91	61.60	103.50	-41.90	-	-	peak
6	0.7304	62.49	-3.27	59.22	103.50	-44.28	-	-	peak

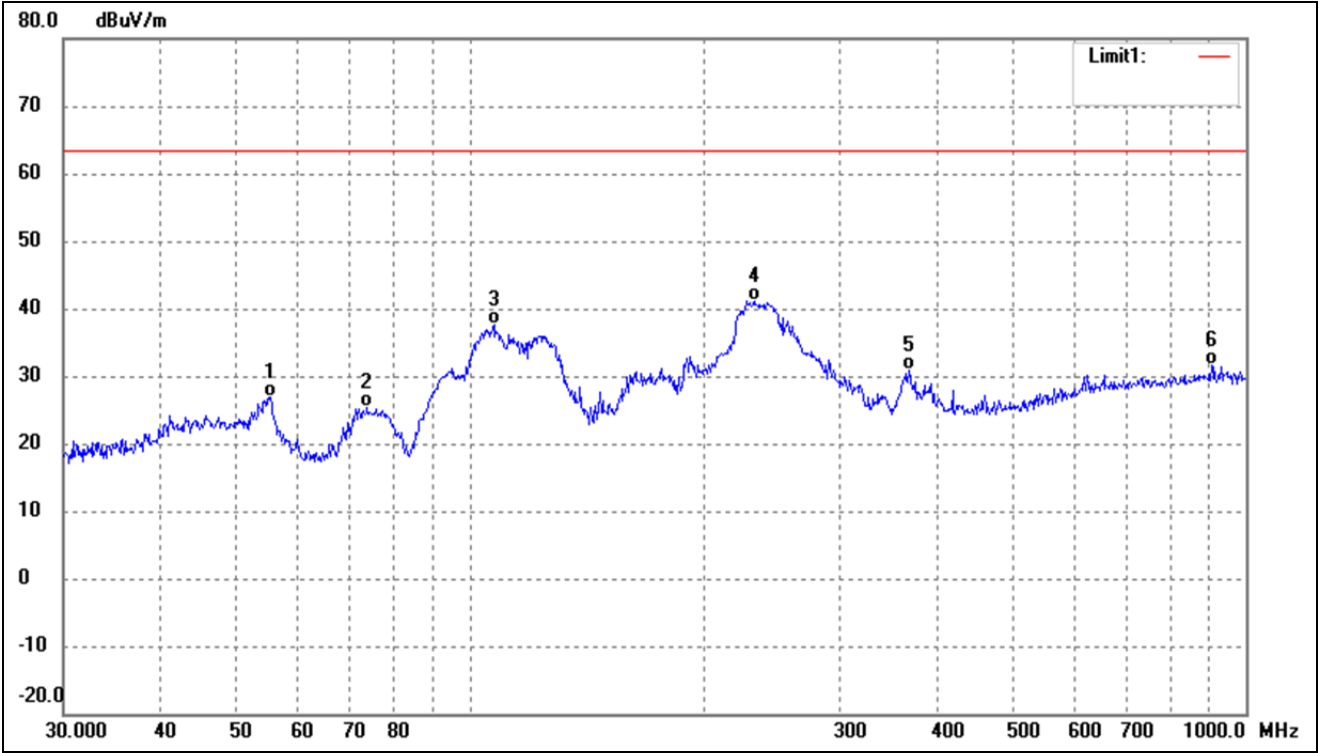
Test mode:	TM6	Polarity:	Vertical
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0094	69.41	-5.25	64.16	103.50	-39.34	-	-	peak
2	0.0471	67.37	-3.99	63.38	103.50	-40.12	-	-	peak
3	0.1246	93.73	-4.46	89.27	103.50	-14.23	-	-	peak
4	0.3724	63.74	-4.74	59.00	103.50	-44.50	-	-	peak
5	0.6209	64.81	-3.85	60.96	103.50	-42.54	-	-	peak
6	0.8659	62.57	-3.02	59.55	103.50	-43.95	-	-	peak

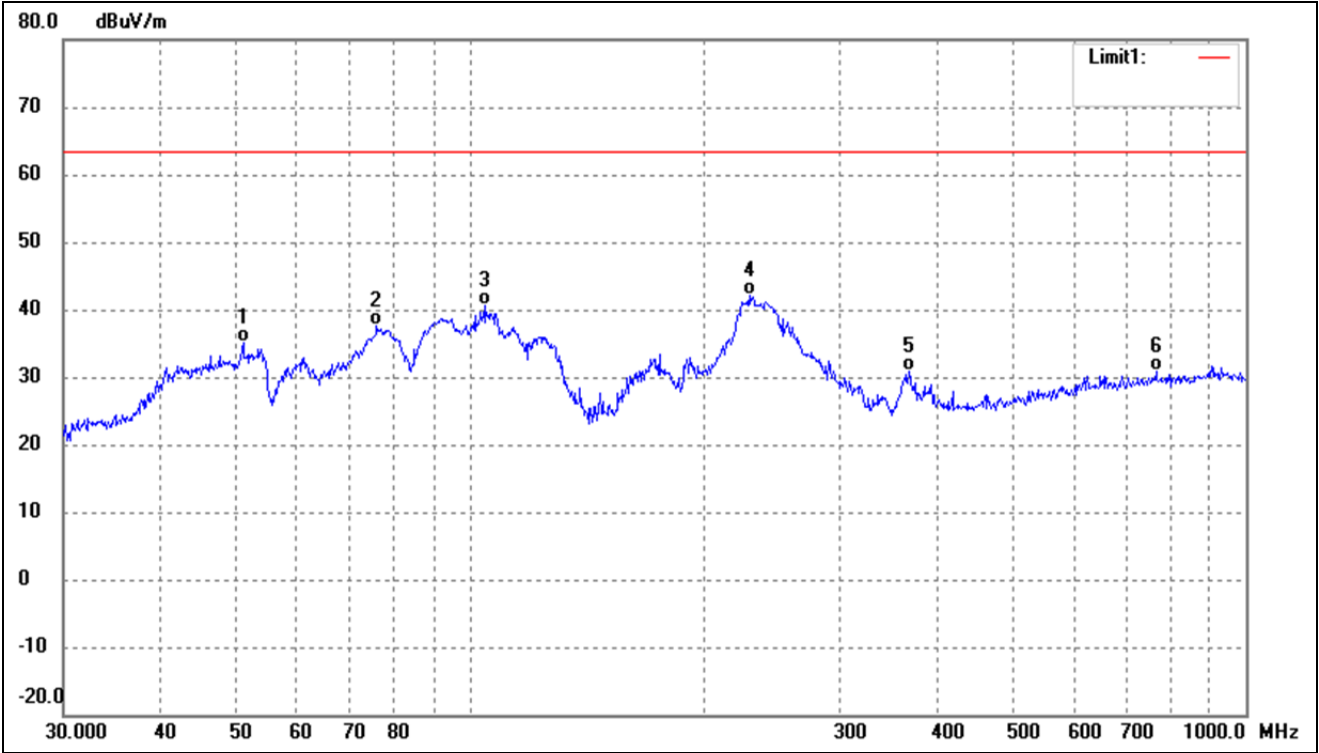
Plot of Radiated Emissions Test Data (Above 30MHz)

Test mode:	TM1	Polarity:	Horizontal
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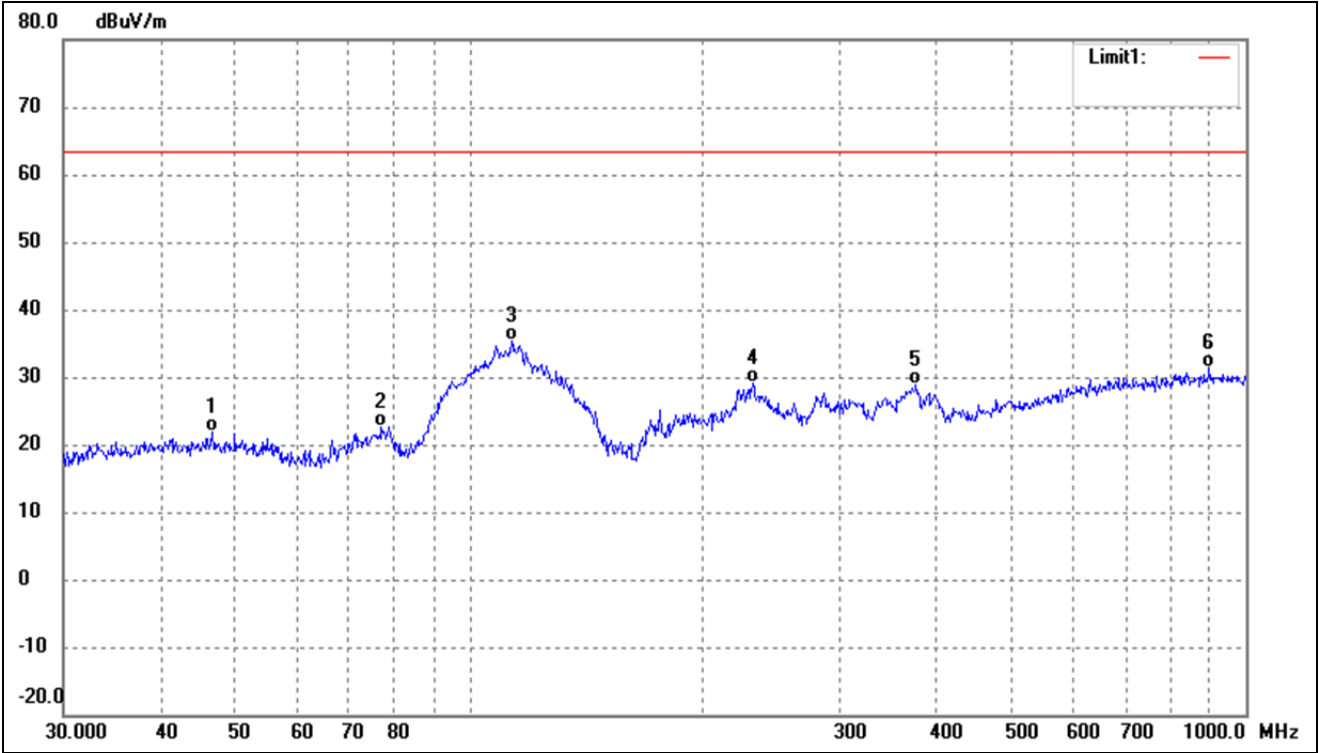
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	55.4147	34.67	-7.75	26.92	63.50	-36.58	-	-	QP
2	73.8756	35.71	-10.39	25.32	63.50	-38.18	-	-	QP
3	107.5101	46.40	-8.83	37.57	63.50	-25.93	-	-	QP
4	232.5318	49.94	-8.80	41.14	63.50	-22.36	-	-	QP
5	368.1116	35.78	-4.85	30.93	63.50	-32.57	-	-	QP
6	903.3094	28.85	2.74	31.59	63.50	-31.91	-	-	QP

Test mode:	TM1	Polarity:	Vertical
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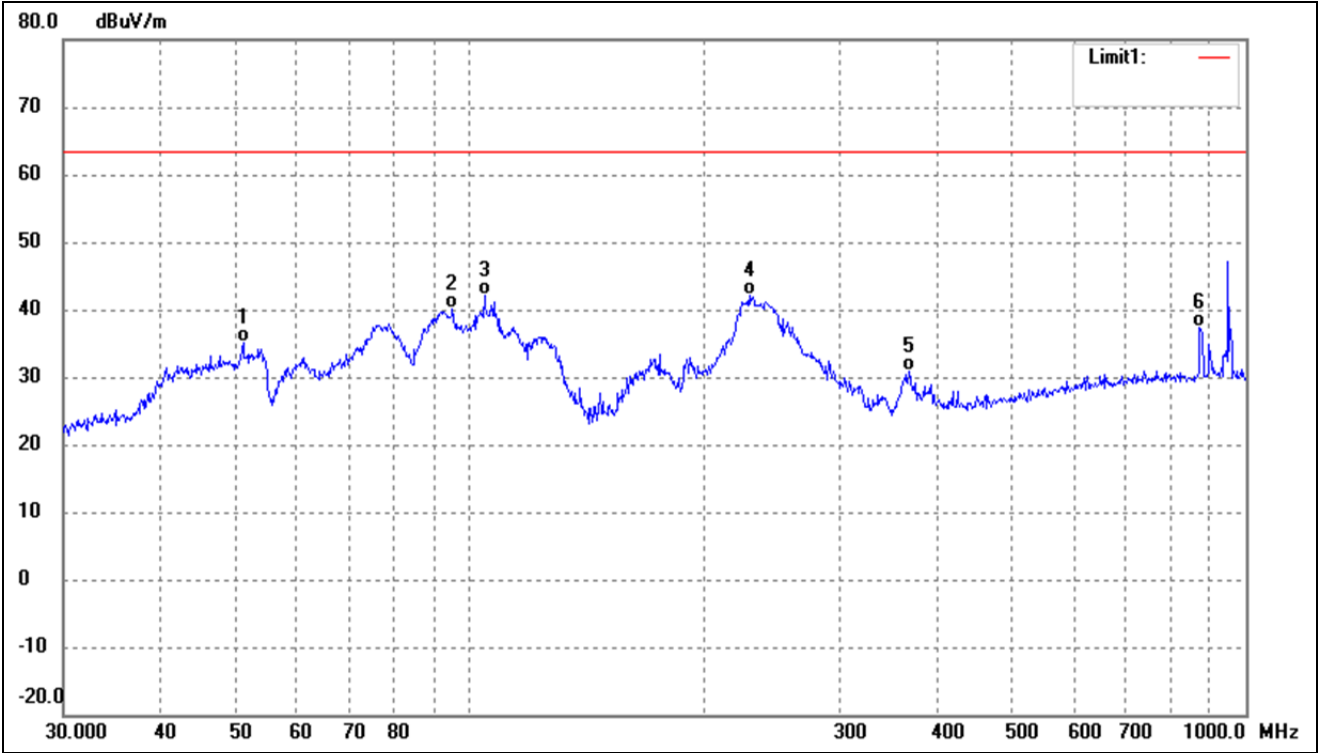
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	51.1209	42.26	-7.12	35.14	63.50	-28.36	-	-	QP
2	75.9773	48.02	-10.50	37.52	63.50	-25.98	-	-	QP
3	104.5361	49.48	-8.79	40.69	63.50	-22.81	-	-	QP
4	229.2931	50.97	-8.89	42.08	63.50	-21.42	-	-	QP
5	368.1116	35.78	-4.85	30.93	63.50	-32.57	-	-	QP
6	766.0572	29.11	1.87	30.98	63.50	-32.52	-	-	QP

Test mode:	TM2	Polarity:	Horizontal
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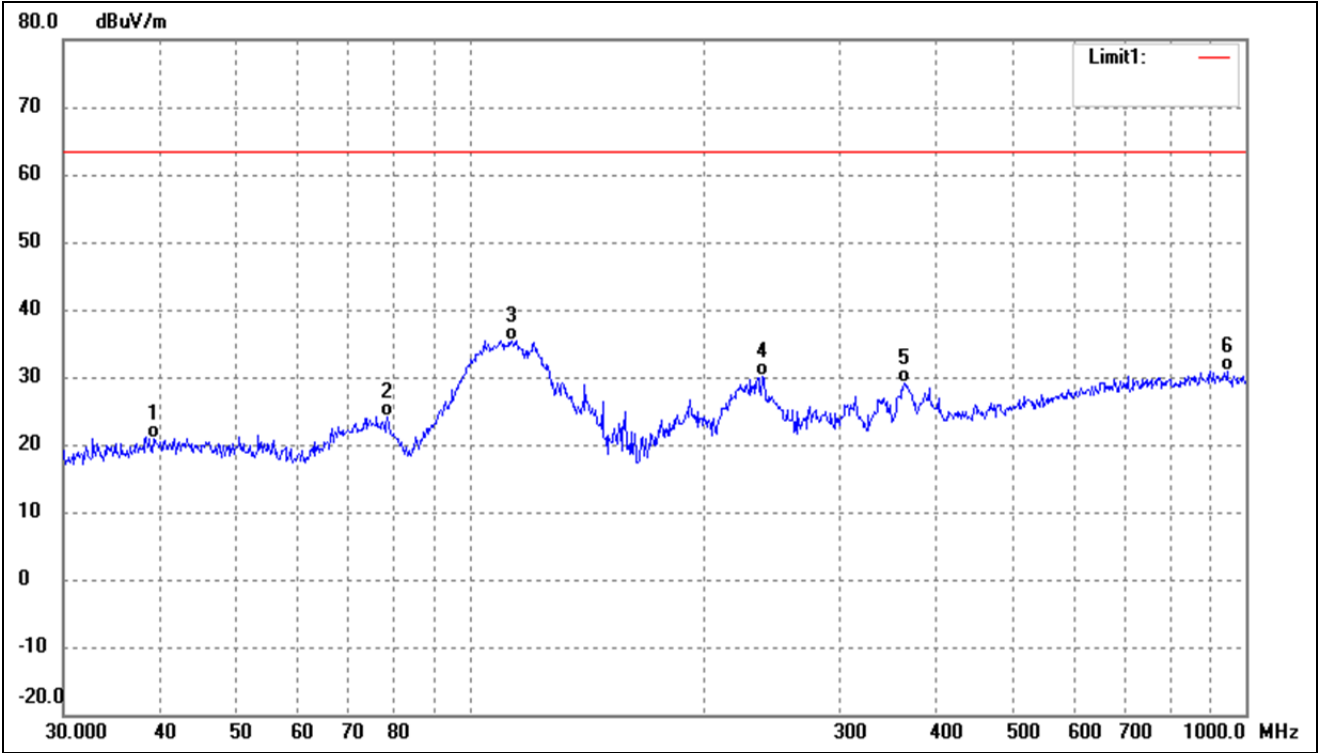
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.6664	28.94	-6.98	21.96	63.50	-41.54	-	-	QP
2	77.0505	33.20	-10.56	22.64	63.50	-40.86	-	-	QP
3	113.3163	44.55	-9.11	35.44	63.50	-28.06	-	-	QP
4	231.7179	37.96	-8.83	29.13	63.50	-34.37	-	-	QP
5	375.9385	33.48	-4.61	28.87	63.50	-34.63	-	-	QP
6	896.9965	28.66	2.73	31.39	63.50	-32.11	-	-	QP

Test mode:	TM2	Polarity:	Vertical
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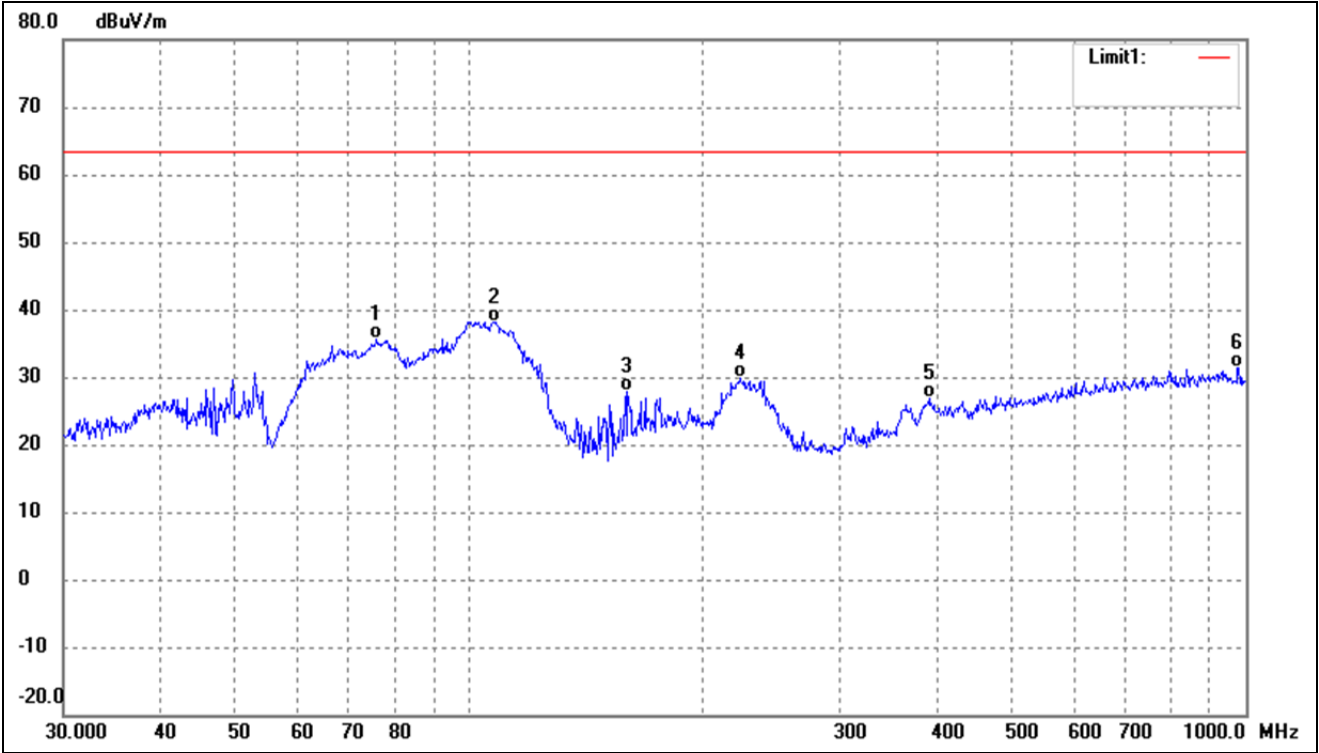
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	51.1209	42.26	-7.12	35.14	63.50	-28.36	-	-	QP
2	95.0930	49.75	-9.64	40.11	63.50	-23.39	-	-	QP
3	104.5361	50.81	-8.79	42.02	63.50	-21.48	-	-	QP
4	229.2931	50.97	-8.89	42.08	63.50	-21.42	-	-	QP
5	368.1116	35.78	-4.85	30.93	63.50	-32.57	-	-	QP
6	872.1832	34.82	2.55	37.37	63.50	-26.13	-	-	QP

Test mode:	TM3	Polarity:	Horizontal
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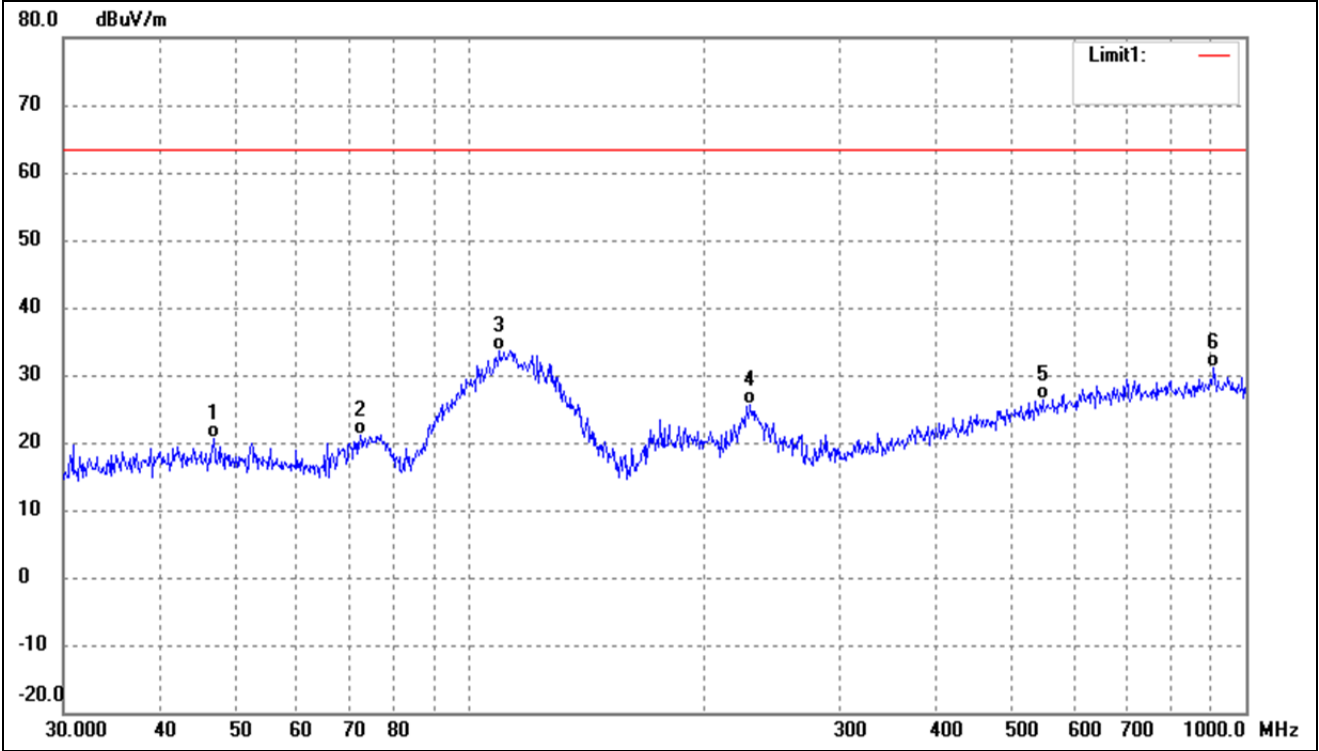
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	39.1616	28.11	-7.21	20.90	63.50	-42.60	-	-	QP
2	78.4134	34.90	-10.65	24.25	63.50	-39.25	-	-	QP
3	113.3163	44.55	-9.11	35.44	63.50	-28.06	-	-	QP
4	238.3102	38.89	-8.64	30.25	63.50	-33.25	-	-	QP
5	362.9845	34.08	-5.01	29.07	63.50	-34.43	-	-	QP
6	945.4399	28.39	2.60	30.99	63.50	-32.51	-	-	QP

Test mode:	TM3	Polarity:	Vertical
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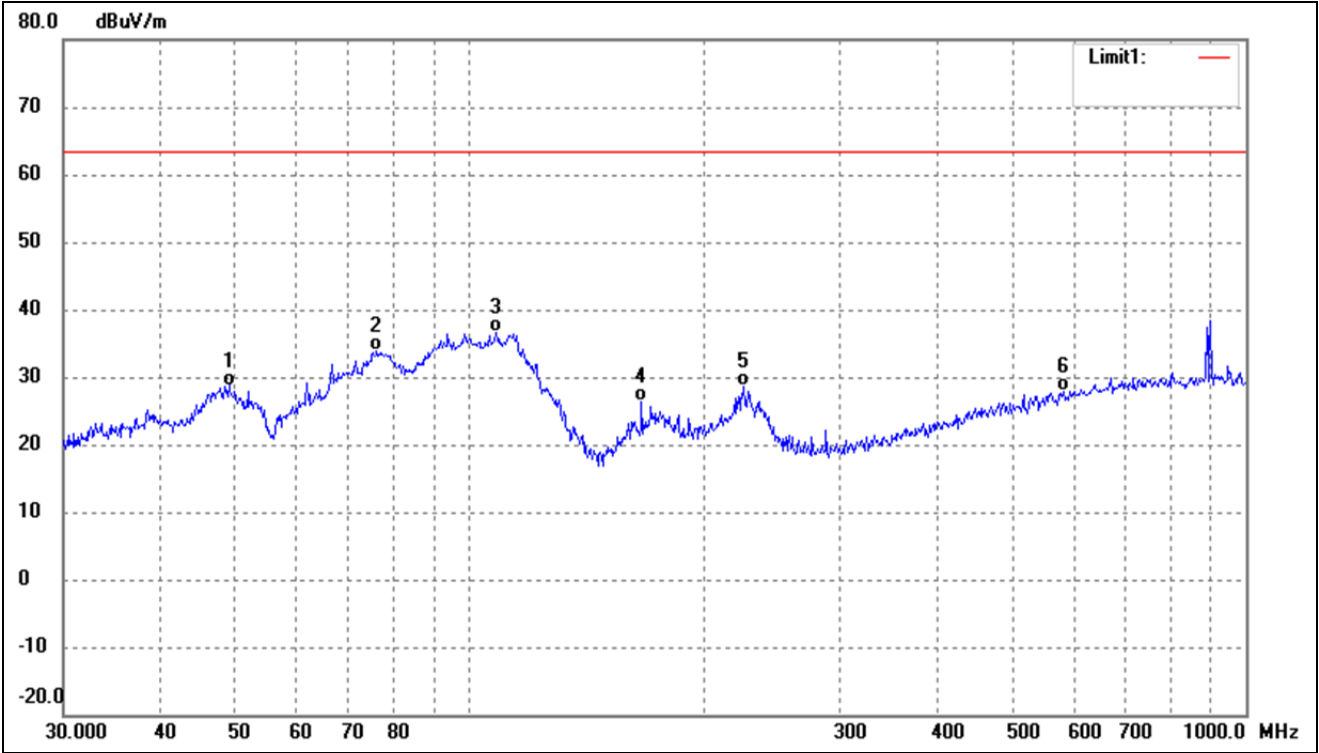
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	75.9773	46.02	-10.50	35.52	63.50	-27.98	-	-	QP
2	107.8877	47.06	-8.84	38.22	63.50	-25.28	-	-	QP
3	159.7844	39.98	-12.17	27.81	63.50	-35.69	-	-	QP
4	222.9502	38.88	-9.07	29.81	63.50	-33.69	-	-	QP
5	390.7226	31.01	-4.18	26.83	63.50	-36.67	-	-	QP
6	975.7529	28.97	2.49	31.46	63.50	-32.04	-	-	QP

Test mode:	TM4	Polarity:	Horizontal
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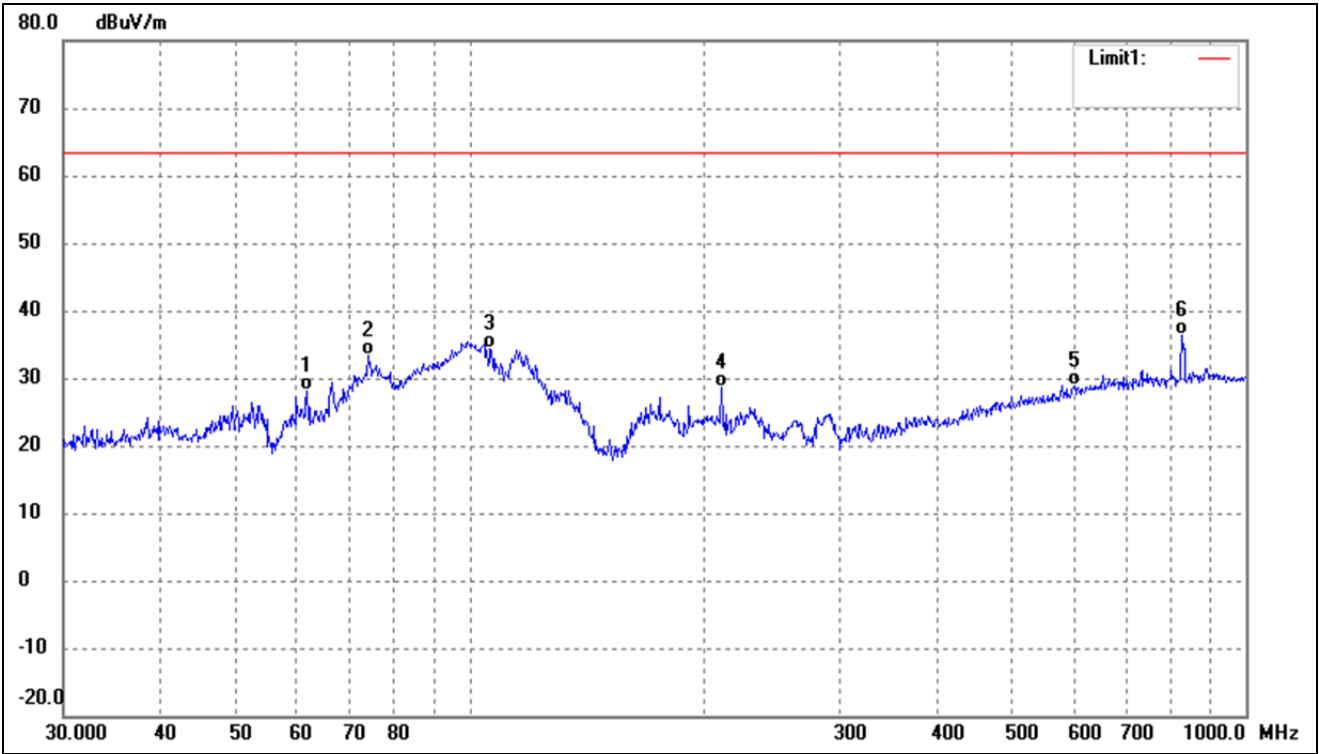
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.8303	27.54	-6.96	20.58	63.50	-42.92	-	-	QP
2	72.3376	31.52	-10.30	21.22	63.50	-42.28	-	-	QP
3	109.4116	42.49	-8.86	33.63	63.50	-29.87	-	-	QP
4	230.0985	34.54	-8.88	25.66	63.50	-37.84	-	-	QP
5	547.0977	26.92	-0.52	26.40	63.50	-37.10	-	-	QP
6	909.6667	28.41	2.72	31.13	63.50	-32.37	-	-	QP

Test mode:	TM4	Polarity:	Vertical
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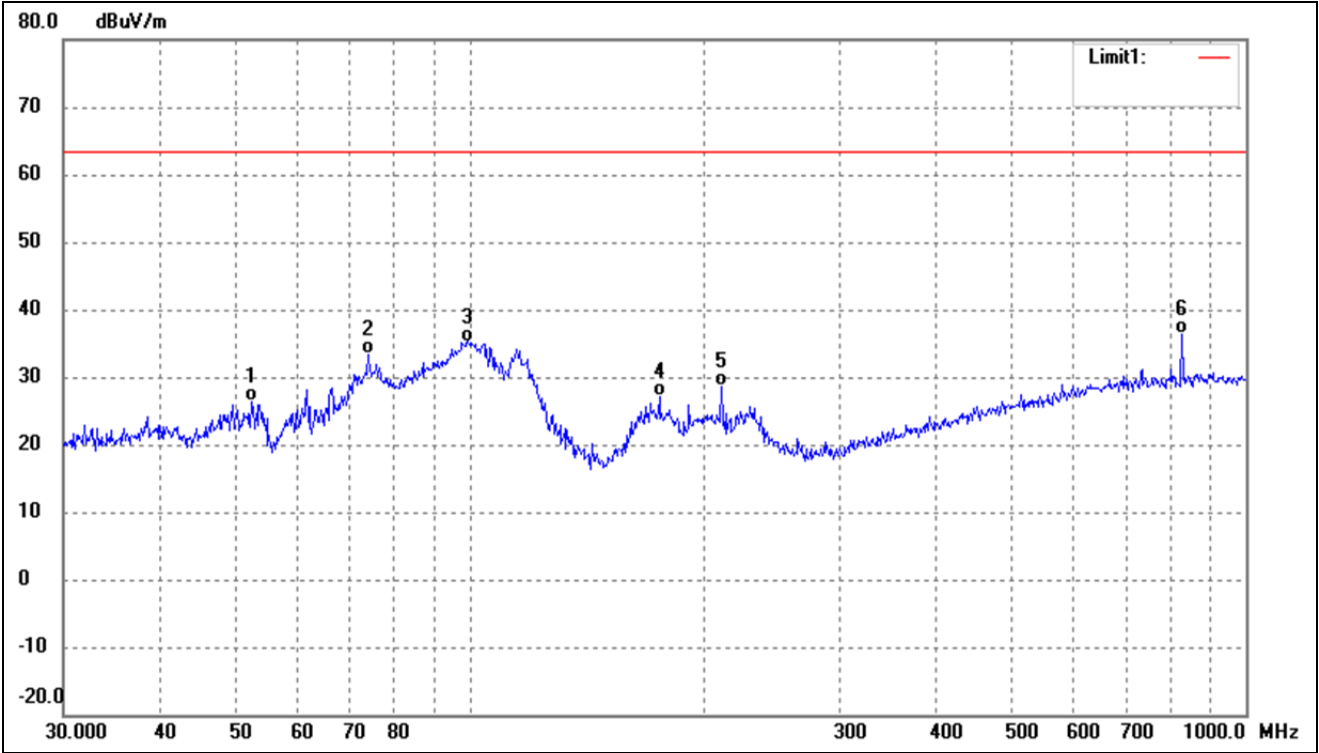
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	49.0145	35.71	-6.96	28.75	63.50	-34.75	-	-	QP
2	75.9773	44.33	-10.50	33.83	63.50	-29.67	-	-	QP
3	108.2667	45.37	-8.85	36.52	63.50	-26.98	-	-	QP
4	166.6514	38.17	-11.87	26.30	63.50	-37.20	-	-	QP
5	225.3080	37.55	-9.00	28.55	63.50	-34.95	-	-	QP
6	582.7425	27.87	0.08	27.95	63.50	-35.55	-	-	QP

Test mode:	TM5	Polarity:	Horizontal
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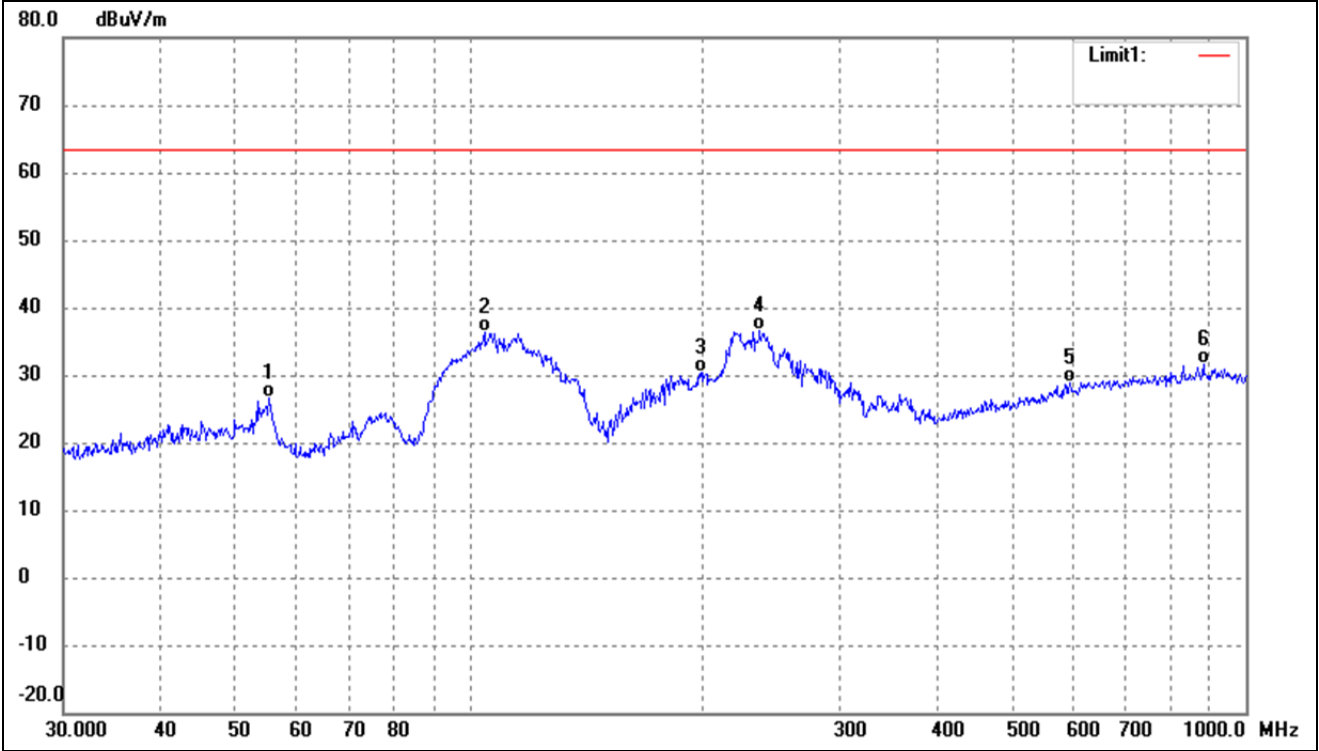
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	61.7781	36.88	-8.74	28.14	63.50	-35.36	-	-	QP
2	74.1351	43.79	-10.40	33.39	63.50	-30.11	-	-	QP
3	106.3850	43.17	-8.82	34.35	63.50	-29.15	-	-	QP
4	211.5265	38.12	-9.38	28.74	63.50	-34.76	-	-	QP
5	601.4265	28.52	0.39	28.91	63.50	-34.59	-	-	QP
6	827.4934	34.14	2.26	36.40	63.50	-27.10	-	-	QP

Test mode:	TM5	Polarity:	Vertical
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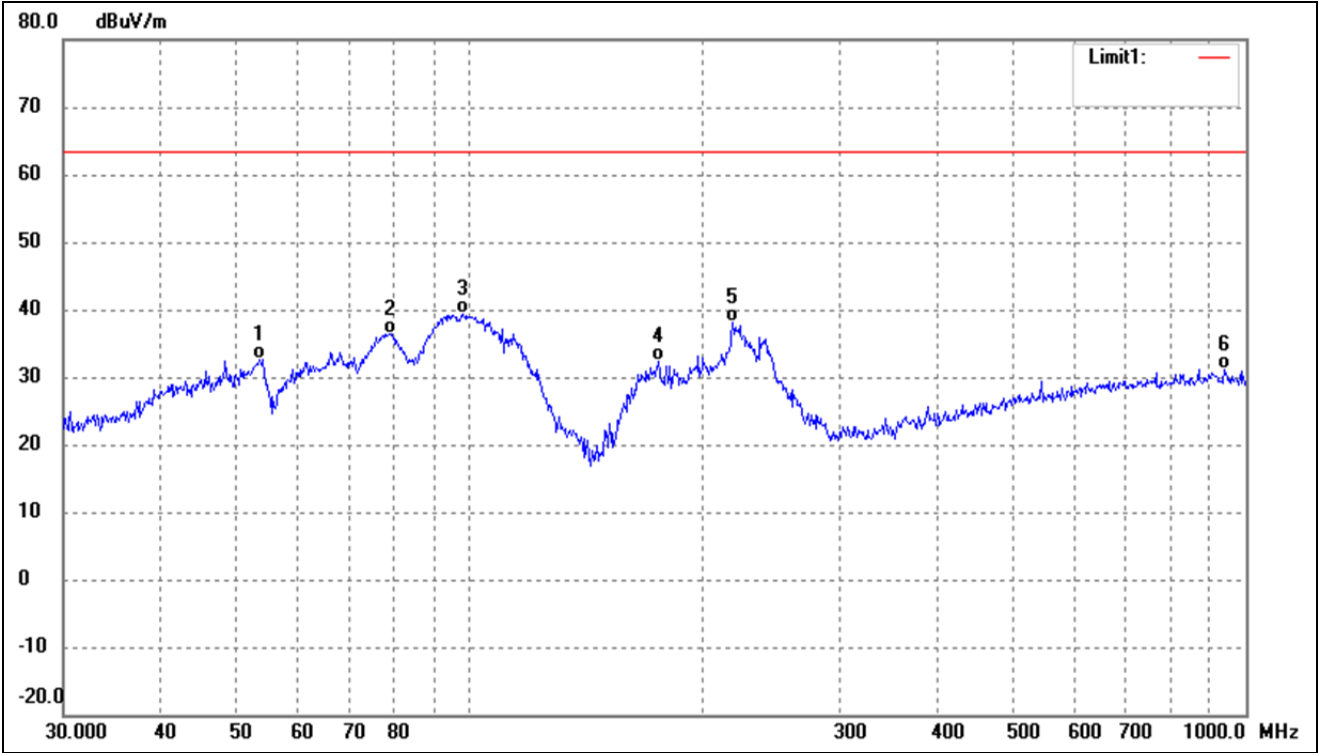
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	52.3913	33.81	-7.31	26.50	63.50	-37.00	-	-	QP
2	74.1351	43.79	-10.40	33.39	63.50	-30.11	-	-	QP
3	99.5281	44.06	-8.81	35.25	63.50	-28.25	-	-	QP
4	175.6516	38.62	-11.47	27.15	63.50	-36.35	-	-	QP
5	211.5265	38.12	-9.38	28.74	63.50	-34.76	-	-	QP
6	827.4934	34.14	2.26	36.40	63.50	-27.10	-	-	QP

Test mode:	TM6	Polarity:	Horizontal
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	55.2207	34.36	-7.73	26.63	63.50	-36.87	-	-	QP
2	104.5361	45.05	-8.79	36.26	63.50	-27.24	-	-	QP
3	198.5880	40.05	-9.75	30.30	63.50	-33.20	-	-	QP
4	236.6447	45.42	-8.68	36.74	63.50	-26.76	-	-	QP
5	593.0497	28.71	0.25	28.96	63.50	-34.54	-	-	QP
6	881.4067	28.94	2.62	31.56	63.50	-31.94	-	-	QP

Test mode:	TM6	Polarity:	Vertical
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No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	53.6932	40.12	-7.49	32.63	63.50	-30.87	-	-	QP
2	78.9652	47.07	-10.67	36.40	63.50	-27.10	-	-	QP
3	98.1419	48.54	-9.07	39.47	63.50	-24.03	-	-	QP
4	175.0368	43.86	-11.50	32.36	63.50	-31.14	-	-	QP
5	218.3085	47.32	-9.20	38.12	63.50	-25.38	-	-	QP
6	938.8326	28.45	2.62	31.07	63.50	-32.43	-	-	QP

Remark: ‘-’Means’ the test Degree and Height are not recorded by the test software and only show the worst case in the test report.

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

***** END OF REPORT *****