

TEST REPORT

Reference No...... : WTX22X06114473W001
FCC ID : A4X-WPC20-3XJNA
Applicant : CE LINK LIMITED
Address : 22 Dongkang Road, Dalingshan Town, Dongguan City, Guangdong Province, China.
Manufacturer : Dongguan CE LINK LIMITED
Address : 22 Dongkang Road, Dalingshan Town, Dongguan City, Guangdong Province, China.
Product Name : 3-in-1 Wireless Charger
Model No...... : WPC20-3XJNA
Standards : FCC Part 18
Date of Receipt sample : 2022-06-08
Date of Test..... : 2022-06-08 to 2022-07-07
Date of Issue : 2022-07-07
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:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:

Jack Huang

Jack Huang

Approved by:

Silin Chen

Silin Chen

TABLE OF CONTENTS

1. GENERAL INFORMATION.....4
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....4
1.2 TEST STANDARDS.....5
1.3 TEST METHODOLOGY5
1.4 TEST FACILITY5
1.5 EUT SETUP AND OPERATION MODE6
1.6 MEASUREMENT UNCERTAINTY7
1.7 TEST EQUIPMENT LIST AND DETAILS8

2. SUMMARY OF TEST RESULTS9

3. CONDUCTED EMISSIONS10
3.1 STANDARD APPLICABLE.....10
3.2 TEST PROCEDURE.....10
3.3 BASIC TEST SETUP BLOCK DIAGRAM.....10
3.4 ENVIRONMENTAL CONDITIONS10
3.5 TEST RECEIVER SETUP11
3.6 SUMMARY OF TEST RESULTS/PLOTS11

4. RADIATED EMISSIONS.....22
4.1 TEST PROCEDURE.....22
4.2 TEST RECEIVER SETUP24
4.3 CORRECTED AMPLITUDE & MARGIN CALCULATION.....24
4.4 ENVIRONMENTAL CONDITIONS24
4.5 SUMMARY OF TEST RESULTS/PLOTS24

APPENDIX PHOTOGRAPHS.....40

Report version

Version No.	Date of issue	Description
Rev.00	2022-07-07	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Factory 1#: SuiChuan CE LINK LIMITED
 Address of factory: SuiChuan county industrial park east zone, Ji'an city, Jiangxi Province, China.

Factory 2#: CE LINK VIET NAM COMPANY LIMITED.
 Address of factory: Lot CNSG04&CNSG06 Van Trung Industrial Zone, Viet Yen district, Bac Giang Province, Vietnam

General Description of EUT	
Product Name:	3-in-1 Wireless Charger
Trade Name:	CE-LINK
Model No.:	WPC20-3XJNA
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
Power adapter:	ASK/FSK
Antenna Type:	Coil Antenna
Rated Voltage:	Input: 12V
Rated Current:	Input: 2.5A
Rated Power:	Output1: 10W Output2: 5W Output3: 2.5W

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	Output 5W	Smart phone	Input: 12V 2.5A
TM2	Output 10W	Smart phone	Input: 12V 2.5A
TM3	Output 5W	Air pods	Input: 12V 2.5A
TM4	Output 2.5W	Apple Watch	Input: 12V 2.5A
TM5	Output 10W	(Smart phone) + Output 5W (Air pods) + Output 2.5W (Apple Watch)	Input: 12V 2.5A

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
Adapter	KOSP	CE200A0120V	/
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
DC Cable	1.25	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:

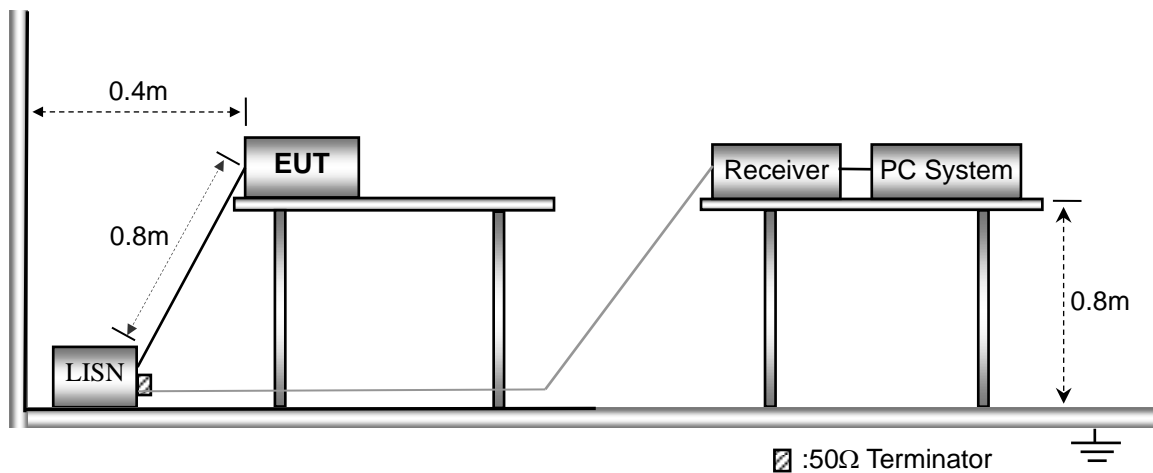
Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

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

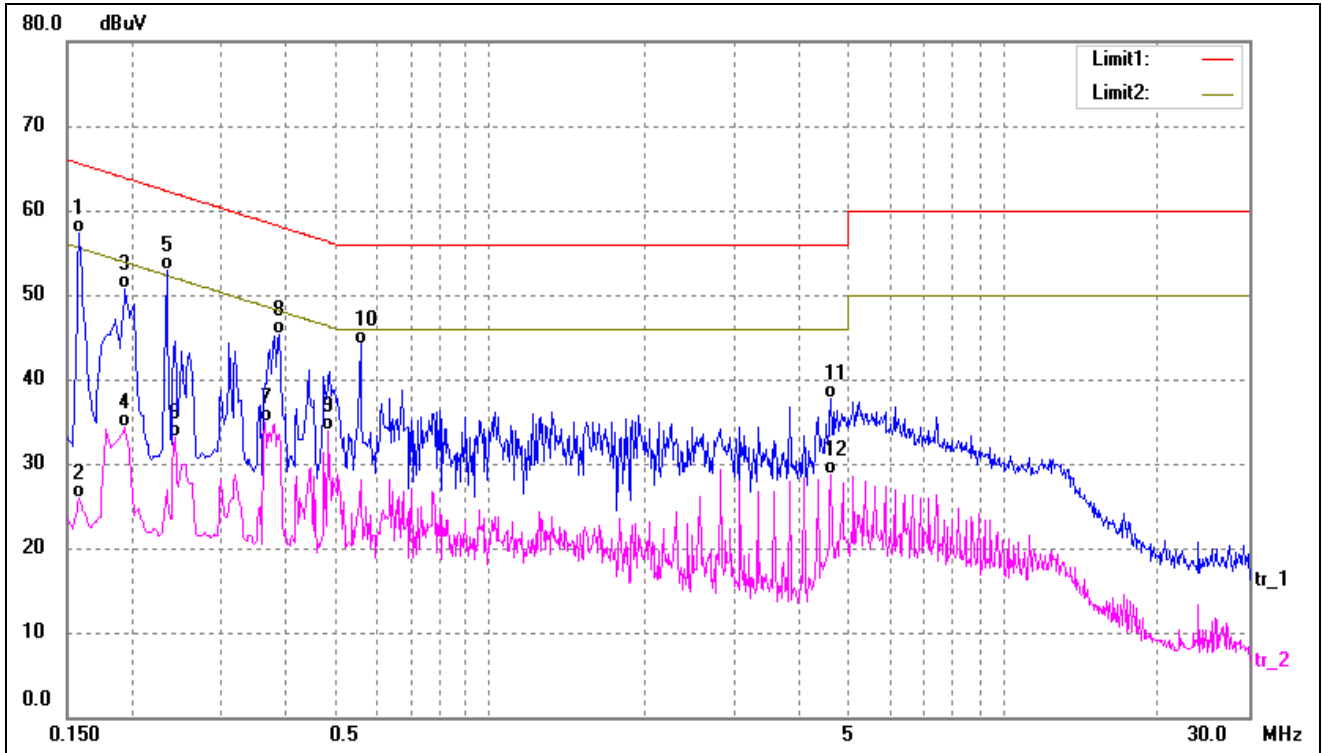
3.5 Test Receiver Setup

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

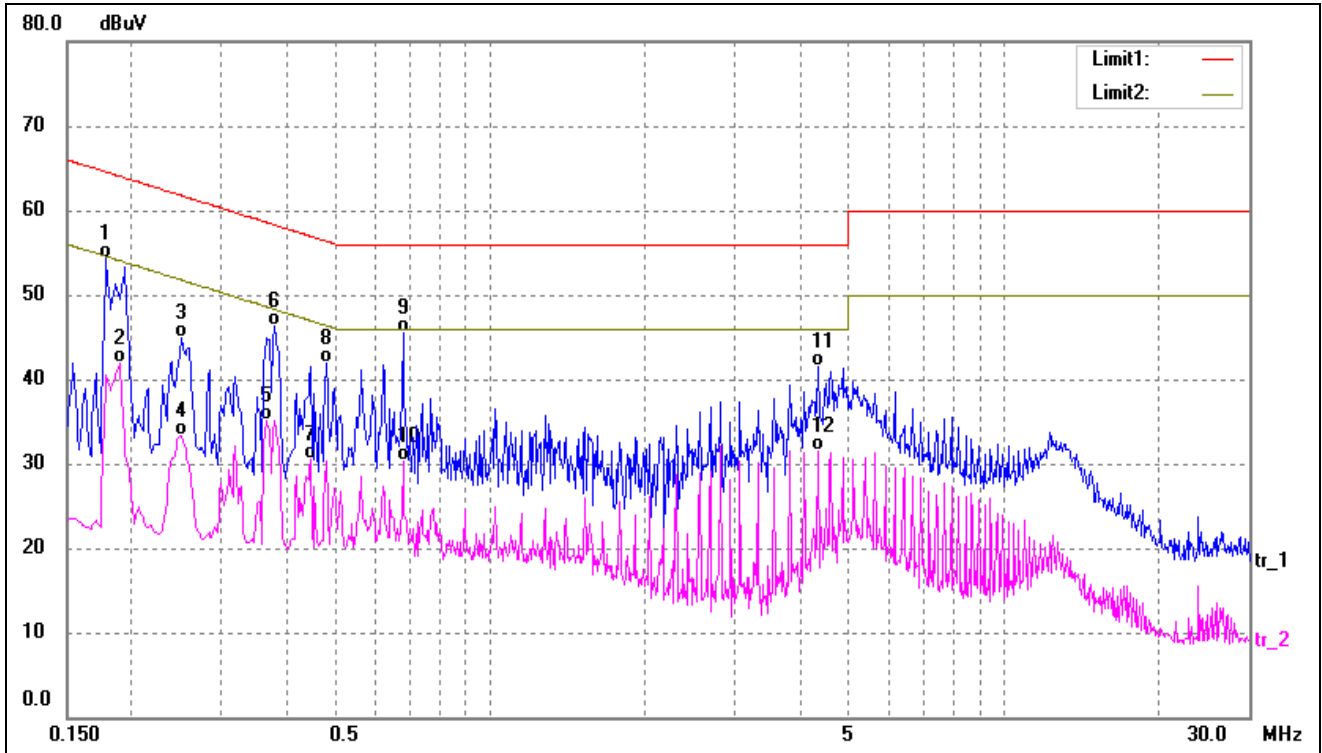
3.6 Summary of Test Results/Plots

Test mode:	TM1	Polarity:	Line
------------	-----	-----------	------



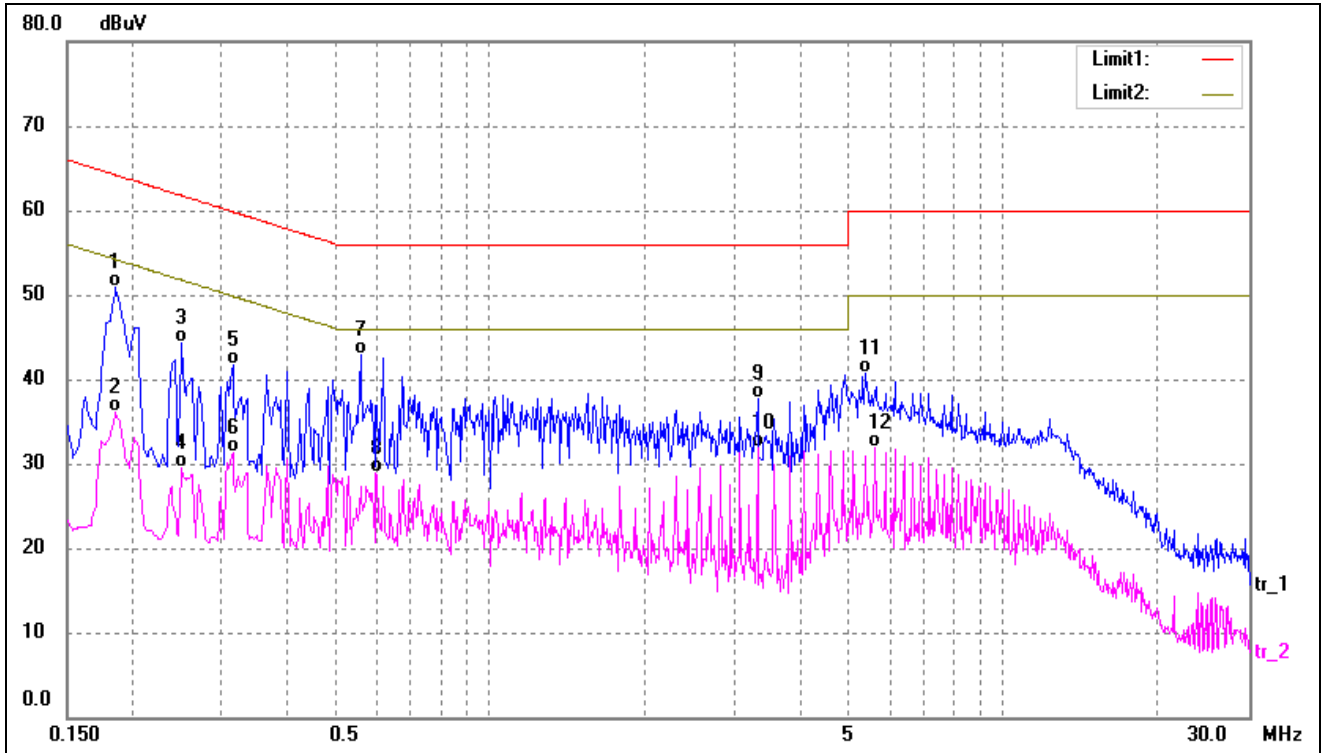
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1580	46.98	10.37	57.35	65.56	-8.21	QP
2	0.1580	15.60	10.37	25.97	55.56	-29.59	AVG
3	0.1940	40.39	10.37	50.76	63.86	-13.10	QP
4	0.1940	23.85	10.37	34.22	53.86	-19.64	AVG
5	0.2340	42.47	10.36	52.83	62.30	-9.47	QP
6	0.2420	22.73	10.36	33.09	52.02	-18.93	AVG
7	0.3620	24.66	10.31	34.97	48.68	-13.71	AVG
8	0.3860	35.00	10.30	45.30	58.15	-12.85	QP
9	0.4820	23.63	10.27	33.90	46.30	-12.40	AVG
10	0.5580	33.91	10.29	44.20	56.00	-11.80	QP
11	4.5980	27.76	10.02	37.78	56.00	-18.22	QP
12	4.5980	18.60	10.02	28.62	46.00	-17.38	AVG

Test mode:	TM1	Polarity:	Neutral
------------	-----	-----------	---------



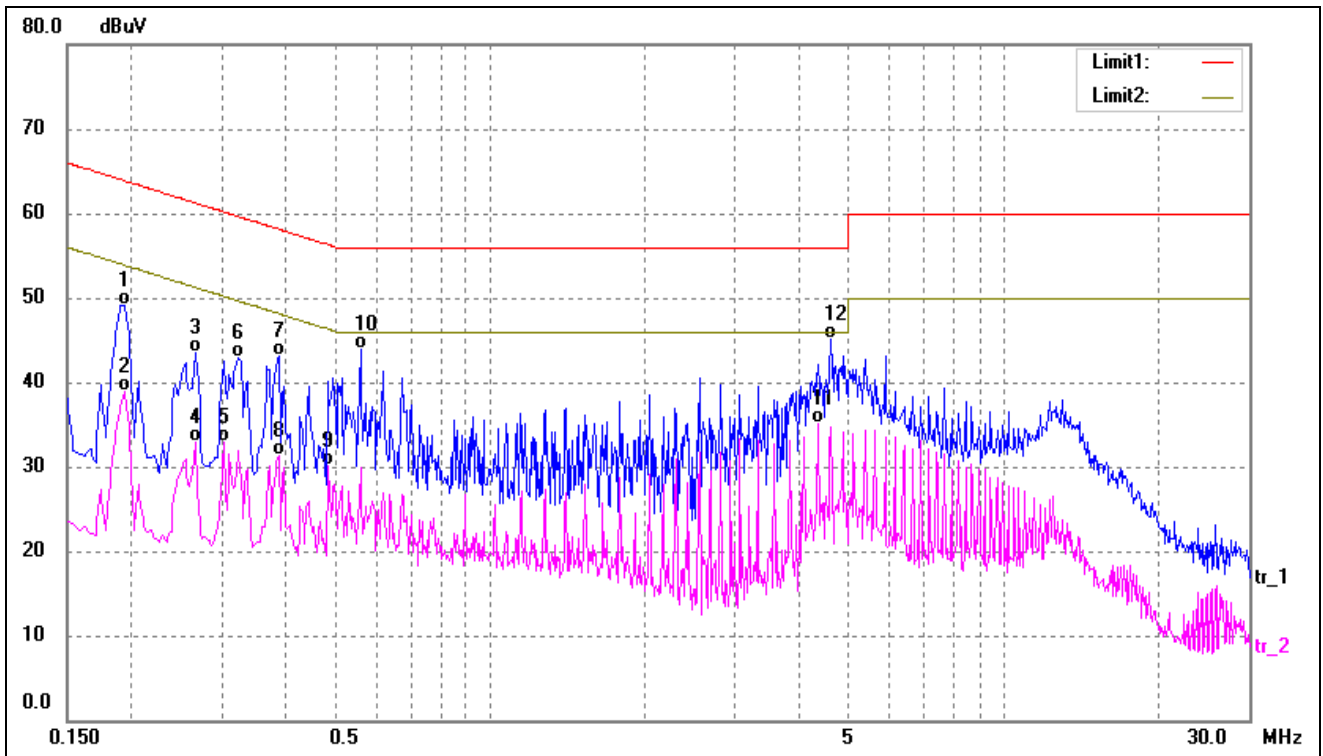
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1780	43.91	10.37	54.28	64.57	-10.29	QP
2	0.1900	31.48	10.37	41.85	54.03	-12.18	AVG
3	0.2500	34.54	10.35	44.89	61.75	-16.86	QP
4	0.2500	23.05	10.35	33.40	51.75	-18.35	AVG
5	0.3660	24.81	10.30	35.11	48.59	-13.48	AVG
6	0.3780	35.93	10.30	46.23	58.32	-12.09	QP
7	0.4460	20.27	10.28	30.55	46.95	-16.40	AVG
8	0.4780	31.57	10.27	41.84	56.37	-14.53	QP
9	0.6780	35.12	10.37	45.49	56.00	-10.51	QP
10	0.6780	19.96	10.37	30.33	46.00	-15.67	AVG
11	4.3420	31.51	10.03	41.54	56.00	-14.46	QP
12	4.3420	21.46	10.03	31.49	46.00	-14.51	AVG

Test mode:	TM2	Polarity:	Line
------------	-----	-----------	------



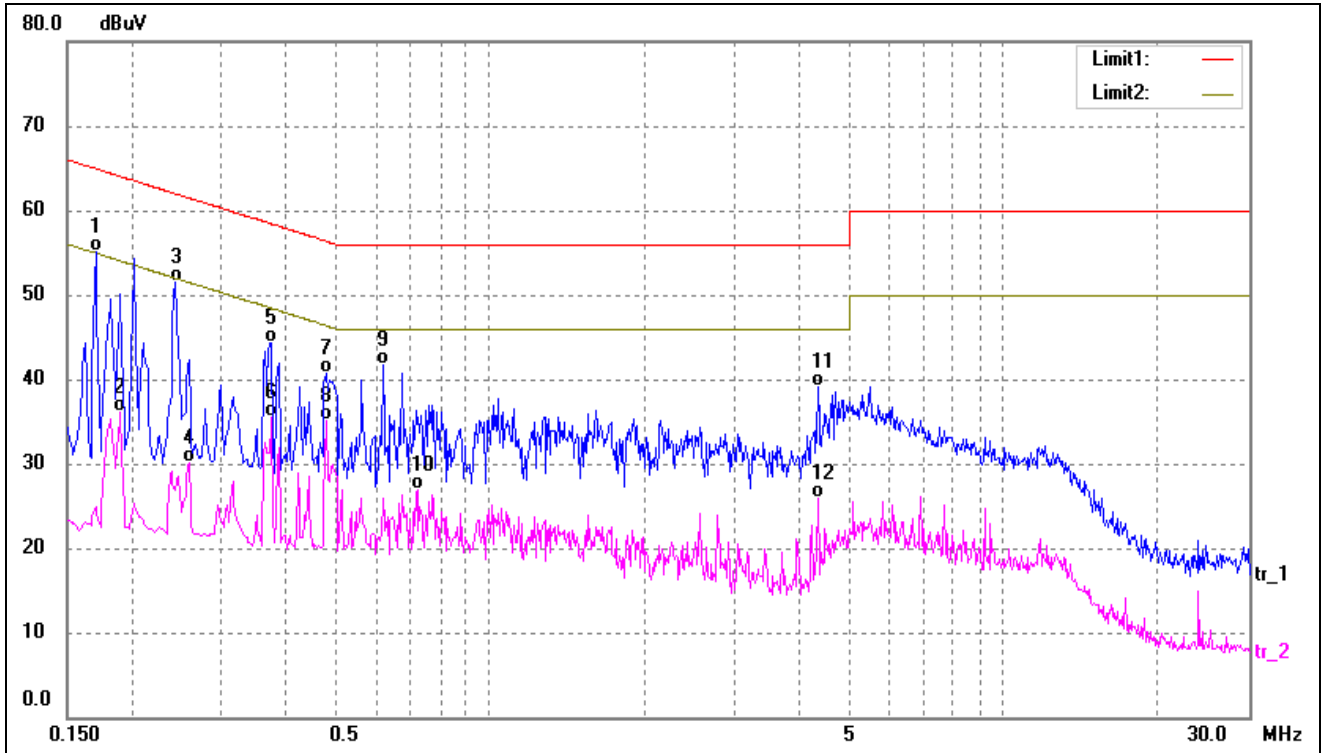
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1860	40.58	10.37	50.95	64.21	-13.26	QP
2	0.1860	25.68	10.37	36.05	54.21	-18.16	AVG
3	0.2500	33.88	10.35	44.23	61.75	-17.52	QP
4	0.2500	19.18	10.35	29.53	51.75	-22.22	AVG
5	0.3140	31.47	10.33	41.80	59.86	-18.06	QP
6	0.3140	20.90	10.33	31.23	49.86	-18.63	AVG
7*	0.5580	32.54	10.29	42.83	56.00	-13.17	QP
8	0.5980	18.59	10.32	28.91	46.00	-17.09	AVG
9	3.3220	27.59	10.07	37.66	56.00	-18.34	QP
10	3.3220	21.76	10.07	31.83	46.00	-14.17	AVG
11	5.3620	30.74	9.99	40.73	60.00	-19.27	QP
12	5.6180	21.92	9.99	31.91	50.00	-18.09	AVG

Test mode:	TM2	Polarity:	Neutral
------------	-----	-----------	---------



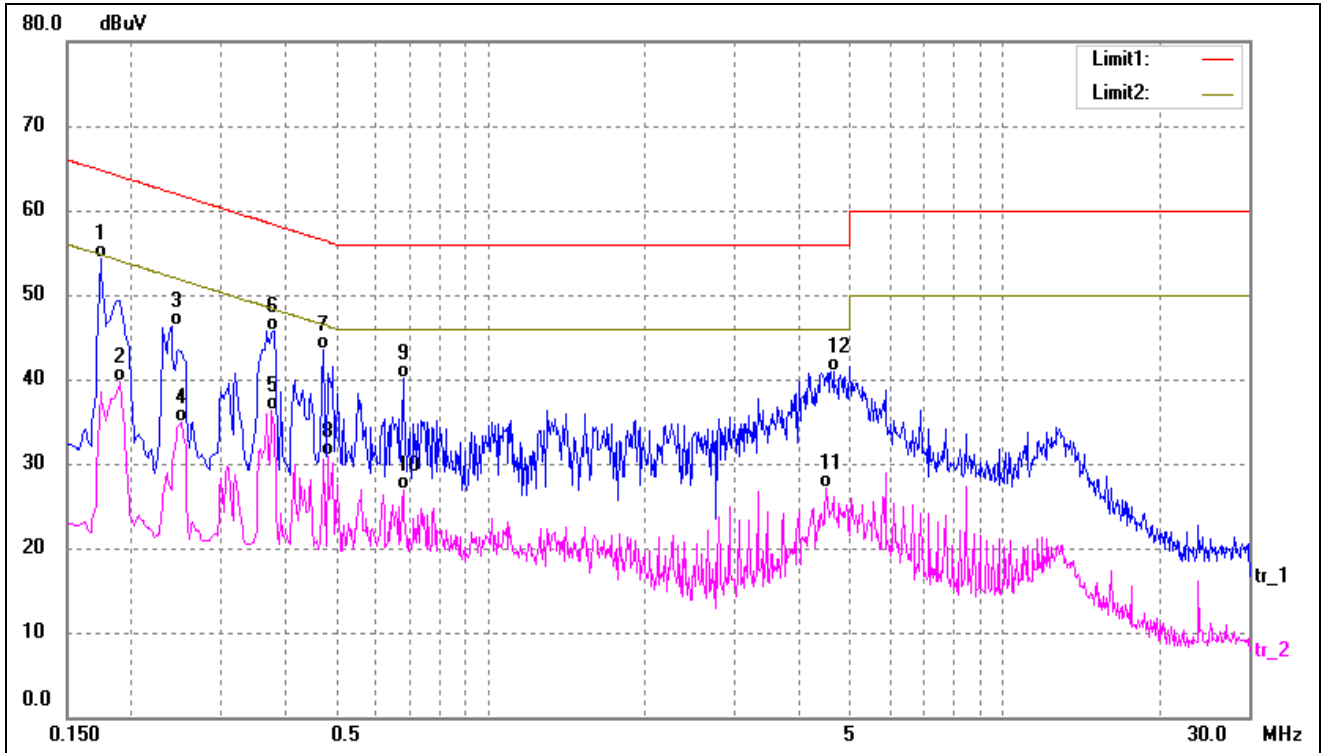
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1940	38.76	10.37	49.13	63.86	-14.73	QP
2	0.1940	28.57	10.37	38.94	53.86	-14.92	AVG
3	0.2660	33.07	10.35	43.42	61.24	-17.82	QP
4	0.2660	22.51	10.35	32.86	51.24	-18.38	AVG
5	0.3020	22.66	10.34	33.00	50.19	-17.19	AVG
6	0.3220	32.61	10.33	42.94	59.65	-16.71	QP
7	0.3860	32.76	10.30	43.06	58.15	-15.09	QP
8	0.3860	20.97	10.30	31.27	48.15	-16.88	AVG
9	0.4820	19.80	10.27	30.07	46.30	-16.23	AVG
10	0.5580	33.63	10.29	43.92	56.00	-12.08	QP
11*	4.3420	25.14	10.03	35.17	46.00	-10.83	AVG
12	4.5980	35.13	10.02	45.15	56.00	-10.85	QP

Test mode:	TM3	Polarity:	Line
------------	-----	-----------	------



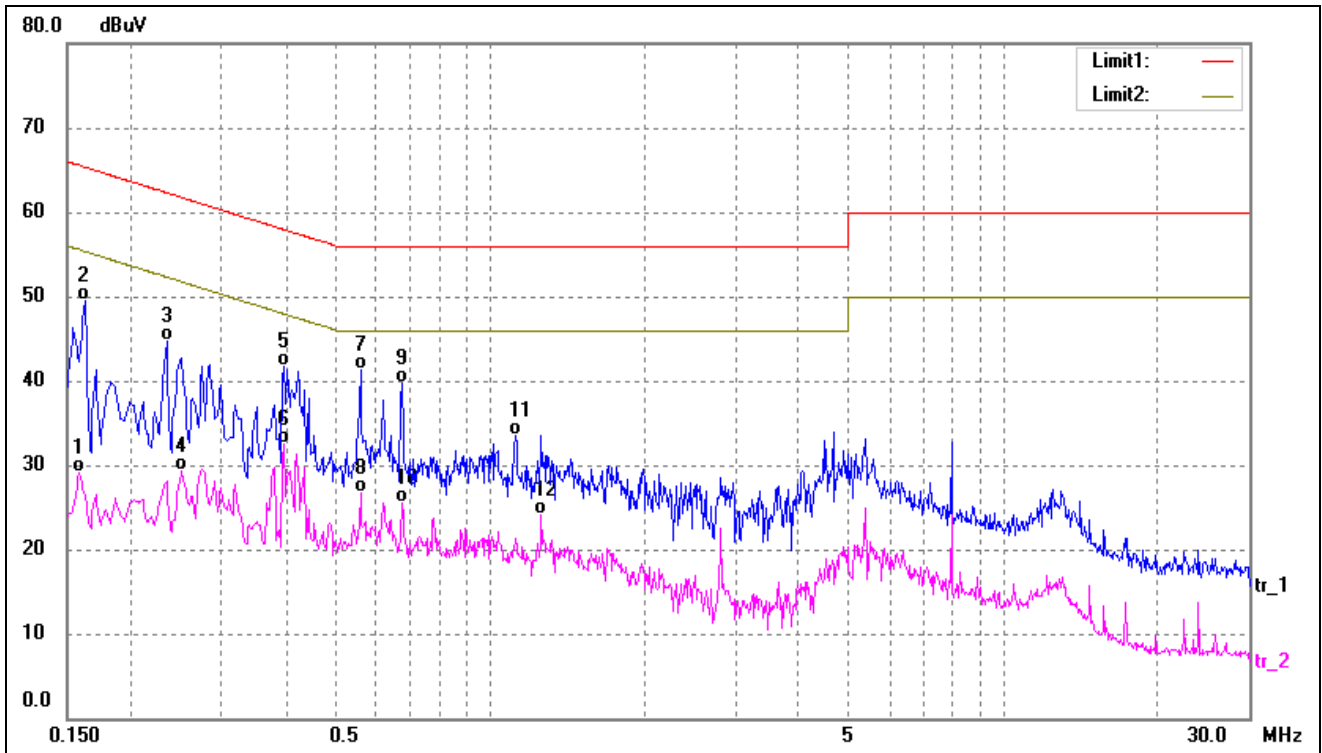
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1700	44.75	10.37	55.12	64.96	-9.84	QP
2	0.1900	25.74	10.37	36.11	54.03	-17.92	AVG
3	0.2420	41.18	10.36	51.54	62.02	-10.48	QP
4	0.2580	19.79	10.35	30.14	51.49	-21.35	AVG
5	0.3700	33.93	10.30	44.23	58.50	-14.27	QP
6	0.3740	25.11	10.30	35.41	48.41	-13.00	AVG
7	0.4780	30.48	10.27	40.75	56.37	-15.62	QP
8	0.4780	24.78	10.27	35.05	46.37	-11.32	AVG
9	0.6180	31.34	10.33	41.67	56.00	-14.33	QP
10	0.7260	16.50	10.40	26.90	46.00	-19.10	AVG
11	4.3420	29.00	10.03	39.03	56.00	-16.97	QP
12	4.3420	15.80	10.03	25.83	46.00	-20.17	AVG

Test mode:	TM3	Polarity:	Neutral
------------	-----	-----------	---------



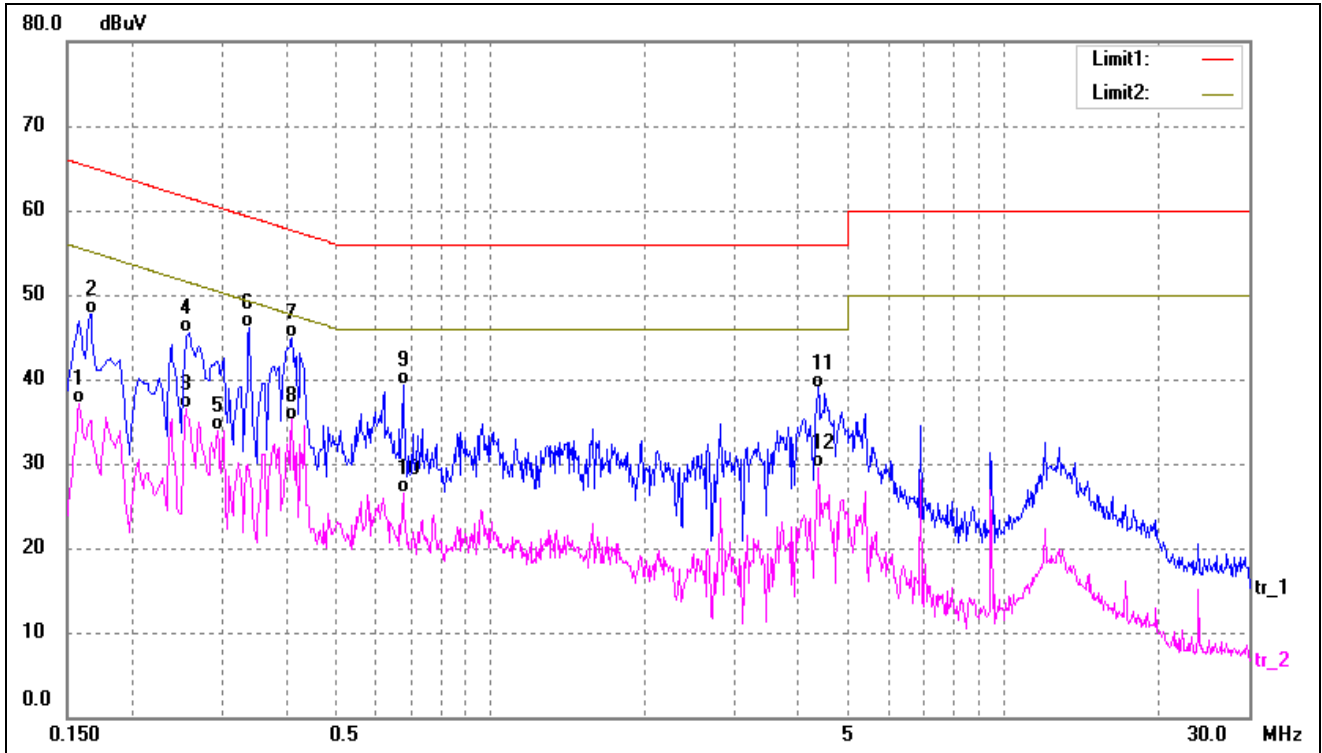
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1740	43.88	10.37	54.25	64.76	-10.51	QP
2	0.1900	29.28	10.37	39.65	54.03	-14.38	AVG
3	0.2380	35.99	10.36	46.35	62.16	-15.81	QP
4	0.2500	24.59	10.35	34.94	51.75	-16.81	AVG
5	0.3740	26.08	10.30	36.38	48.41	-12.03	AVG
6	0.3780	35.49	10.30	45.79	58.32	-12.53	QP
7	0.4700	33.25	10.27	43.52	56.51	-12.99	QP
8	0.4820	20.66	10.27	30.93	46.30	-15.37	AVG
9	0.6780	29.82	10.37	40.19	56.00	-15.81	QP
10	0.6780	16.53	10.37	26.90	46.00	-19.10	AVG
11	4.5220	17.11	10.02	27.13	46.00	-18.87	AVG
12	4.6700	30.83	10.01	40.84	56.00	-15.16	QP

Test mode:	TM4	Polarity:	Line
------------	-----	-----------	------



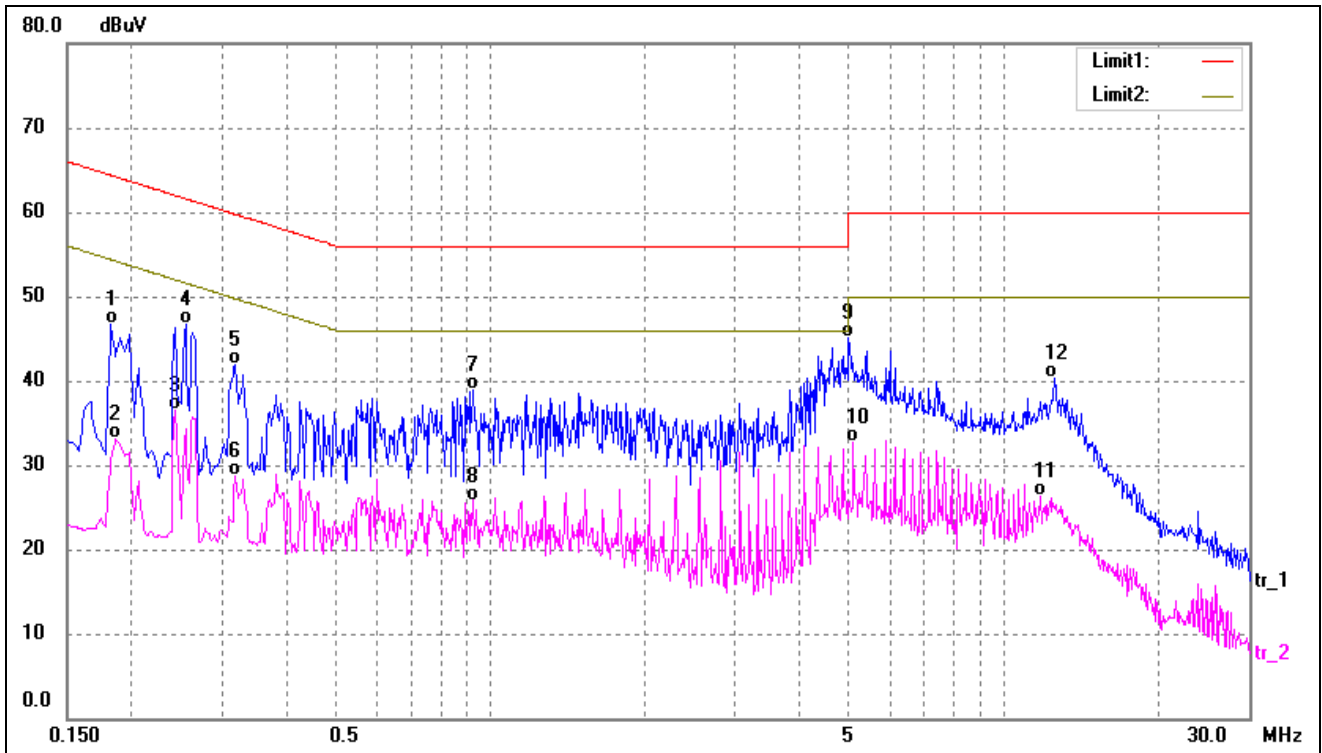
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	18.82	10.37	29.19	55.57	-26.38	AVG
2	0.1620	39.04	10.37	49.41	65.36	-15.95	QP
3	0.2340	34.39	10.36	44.75	62.31	-17.56	QP
4	0.2500	18.89	10.35	29.24	51.76	-22.52	AVG
5	0.3940	31.43	10.30	41.73	57.98	-16.25	QP
6	0.3940	22.22	10.30	32.52	47.98	-15.46	AVG
7*	0.5580	31.07	10.29	41.36	56.00	-14.64	QP
8	0.5580	16.32	10.29	26.61	46.00	-19.39	AVG
9	0.6740	29.39	10.36	39.75	56.00	-16.25	QP
10	0.6740	15.08	10.36	25.44	46.00	-20.56	AVG
11	1.1180	23.01	10.51	33.52	56.00	-22.48	QP
12	1.2580	13.57	10.45	24.02	46.00	-21.98	AVG

Test mode:	TM4	Polarity:	Neutral
------------	-----	-----------	---------



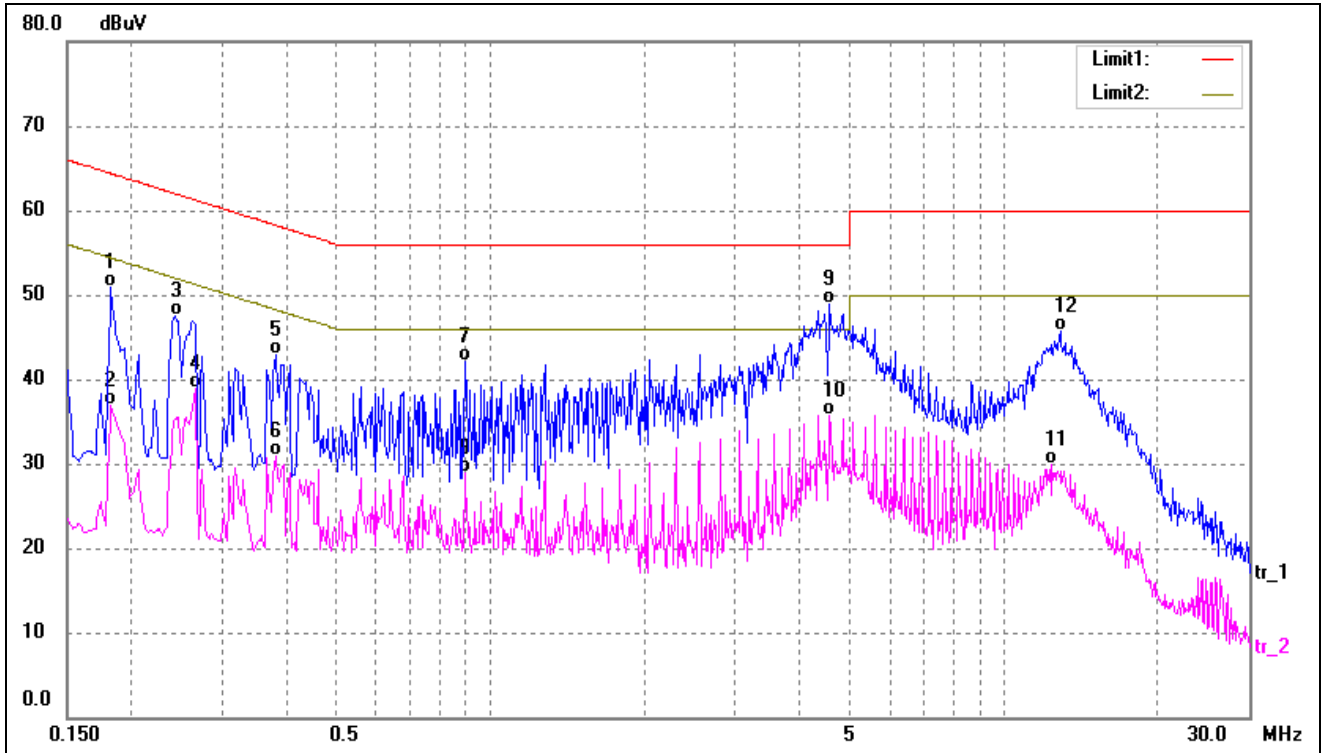
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	26.66	10.37	37.03	55.57	-18.54	AVG
2	0.1660	37.36	10.37	47.73	65.16	-17.43	QP
3	0.2540	26.13	10.35	36.48	51.63	-15.15	AVG
4	0.2580	35.06	10.35	45.41	61.50	-16.09	QP
5	0.2940	23.65	10.34	33.99	50.41	-16.42	AVG
6	0.3380	35.77	10.32	46.09	59.25	-13.16	QP
7	0.4100	34.67	10.29	44.96	57.65	-12.69	QP
8*	0.4100	24.91	10.29	35.20	47.65	-12.45	AVG
9	0.6780	28.88	10.37	39.25	56.00	-16.75	QP
10	0.6780	16.12	10.37	26.49	46.00	-19.51	AVG
11	4.3420	28.97	10.03	39.00	56.00	-17.00	QP
12	4.3420	19.40	10.03	29.43	46.00	-16.57	AVG

Test mode:	TM5	Polarity:	Line
------------	-----	-----------	------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1820	36.28	10.37	46.65	64.39	-17.74	QP
2	0.1860	22.74	10.37	33.11	54.21	-21.10	AVG
3	0.2420	26.20	10.36	36.56	52.03	-15.47	AVG
4	0.2540	36.32	10.35	46.67	61.63	-14.96	QP
5	0.3180	31.65	10.33	41.98	59.76	-17.78	QP
6	0.3180	18.34	10.33	28.67	49.76	-21.09	AVG
7	0.9260	28.48	10.52	39.00	56.00	-17.00	QP
8	0.9260	15.28	10.52	25.80	46.00	-20.20	AVG
9*	4.9980	35.19	10.00	45.19	56.00	-10.81	QP
10	5.1060	22.61	10.00	32.61	50.00	-17.39	AVG
11	11.7460	16.26	9.96	26.22	50.00	-23.78	AVG
12	12.5780	30.26	10.01	40.27	60.00	-19.73	QP

Test mode:	TM5	Polarity:	Neutral
------------	-----	-----------	---------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	40.46	10.37	50.83	64.39	-13.56	QP
2	0.1819	26.50	10.37	36.87	54.39	-17.52	AVG
3	0.2420	37.16	10.36	47.52	62.02	-14.50	QP
4	0.2660	28.49	10.35	38.84	51.24	-12.40	AVG
5	0.3820	32.54	10.30	42.84	58.23	-15.39	QP
6	0.3820	20.54	10.30	30.84	48.23	-17.39	AVG
7	0.8940	31.64	10.50	42.14	56.00	-13.86	QP
8	0.8940	18.46	10.50	28.96	46.00	-17.04	AVG
9*	4.5939	38.82	10.02	48.84	56.00	-7.16	QP
10	4.5939	25.74	10.02	35.76	46.00	-10.24	AVG
11	12.3860	19.91	10.01	29.92	50.00	-20.08	AVG
12	12.8580	35.62	10.03	45.65	60.00	-14.35	QP

4. Radiated Emissions

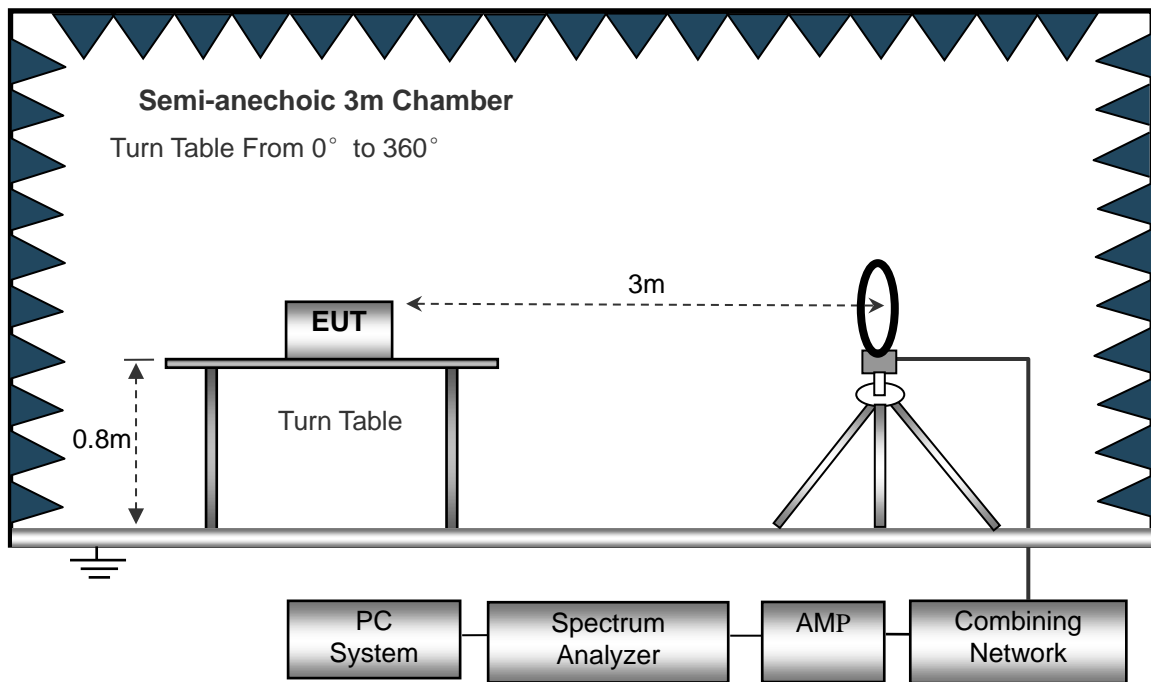
4.1 Test Procedure

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.

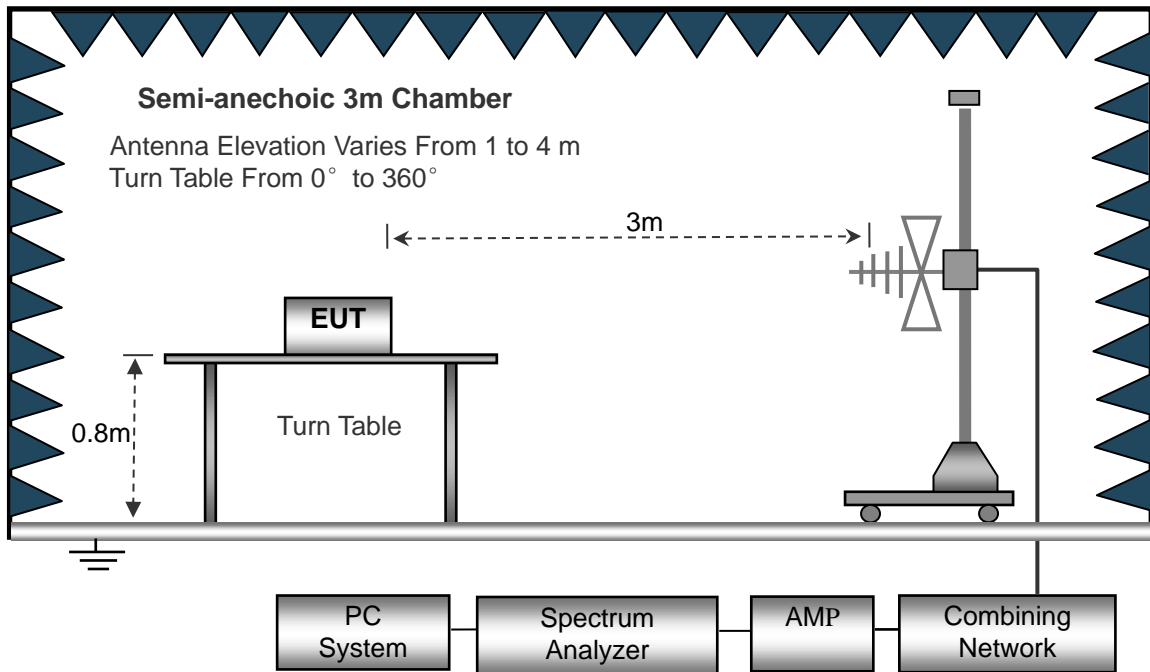
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

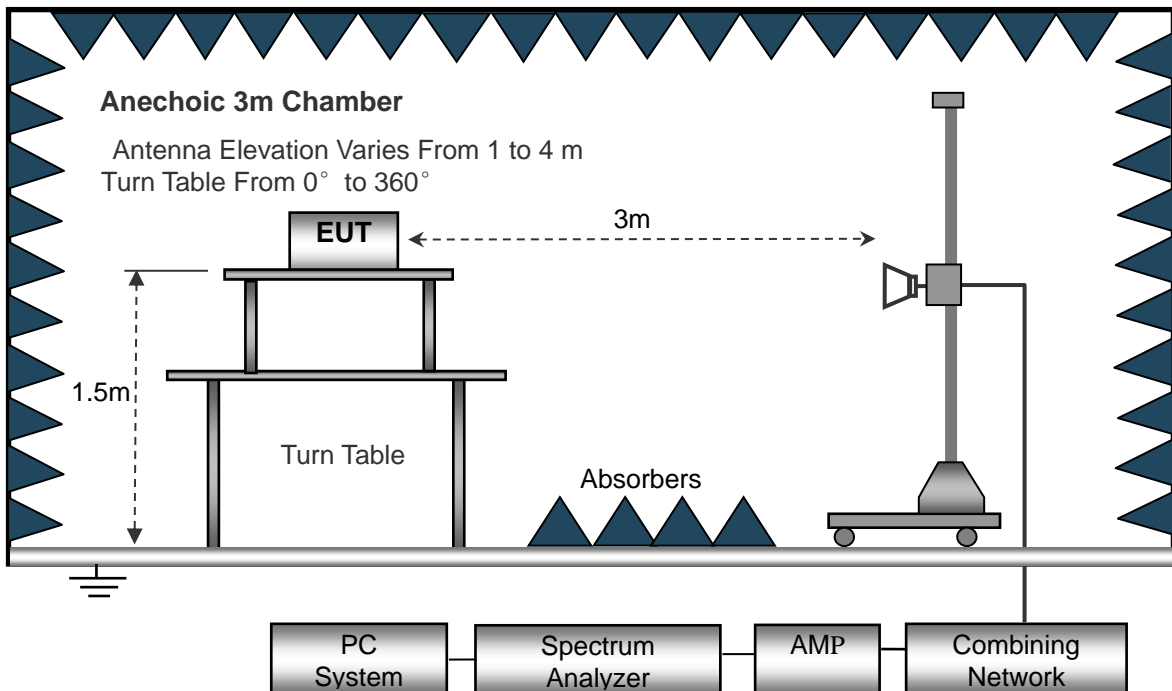
The test setup for emission measurement below 30MHz..



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 -6dB μ V means the emission is 6dB μ V below the maximum limit for Any non-ISM frequency device. The equation for margin calculation is as follows:

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

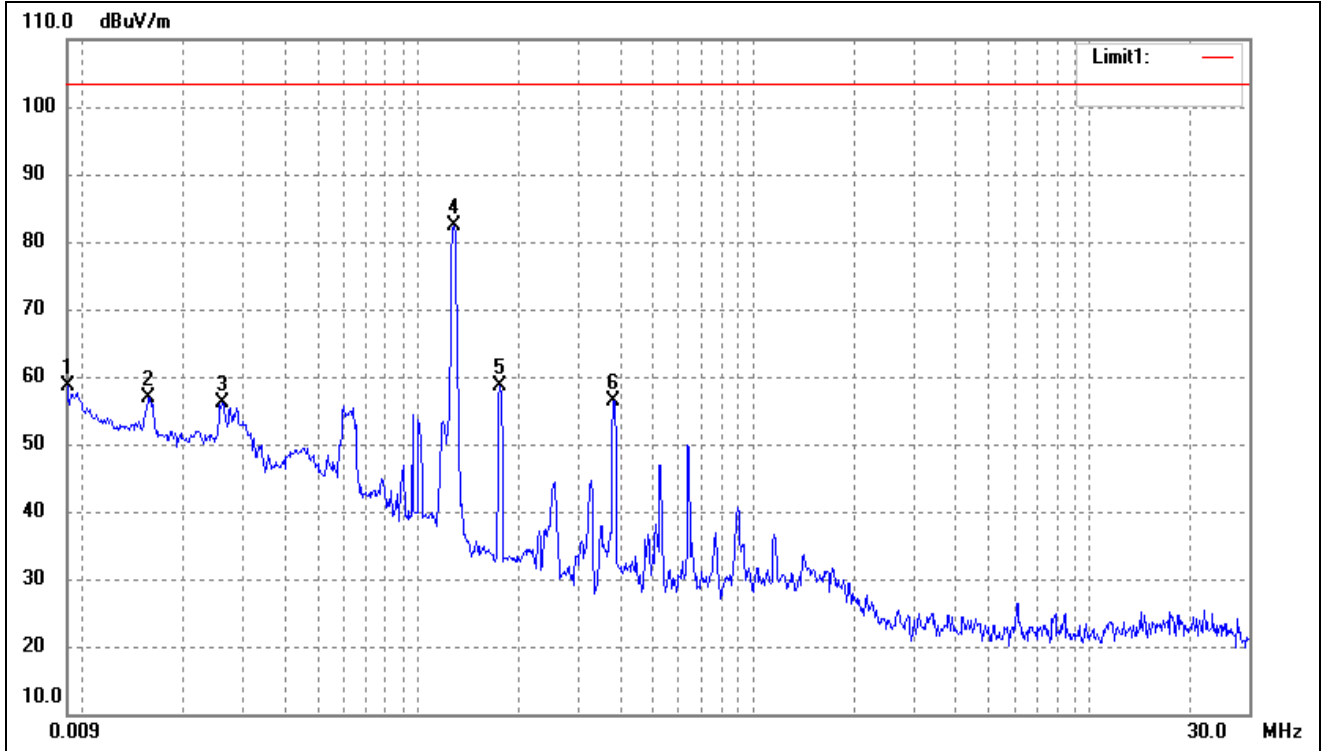
4.4 Environmental Conditions

Temperature:	22.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

4.5 Summary of Test Results/Plots

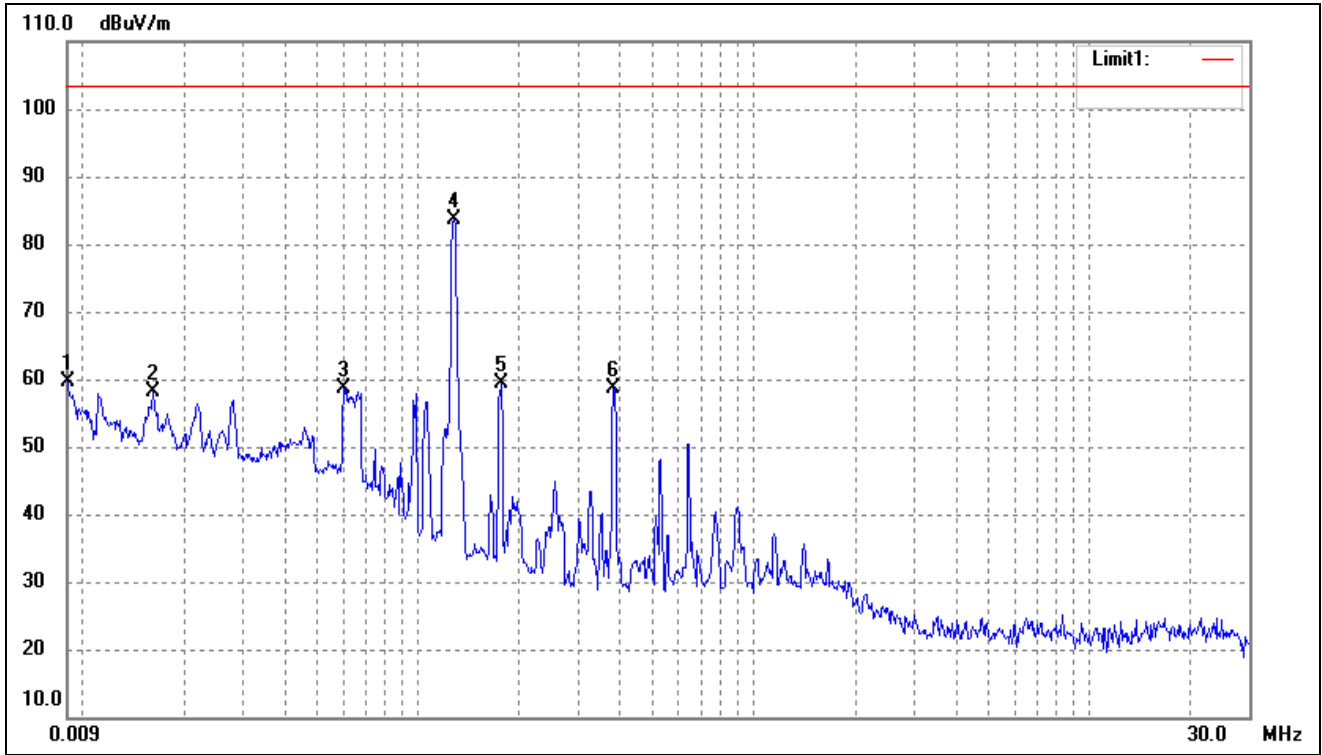
Plot of Radiated Emissions Test Data (Below 30MHz)

Test mode:	TM1	Polarity:	Horizontal
------------	-----	-----------	------------



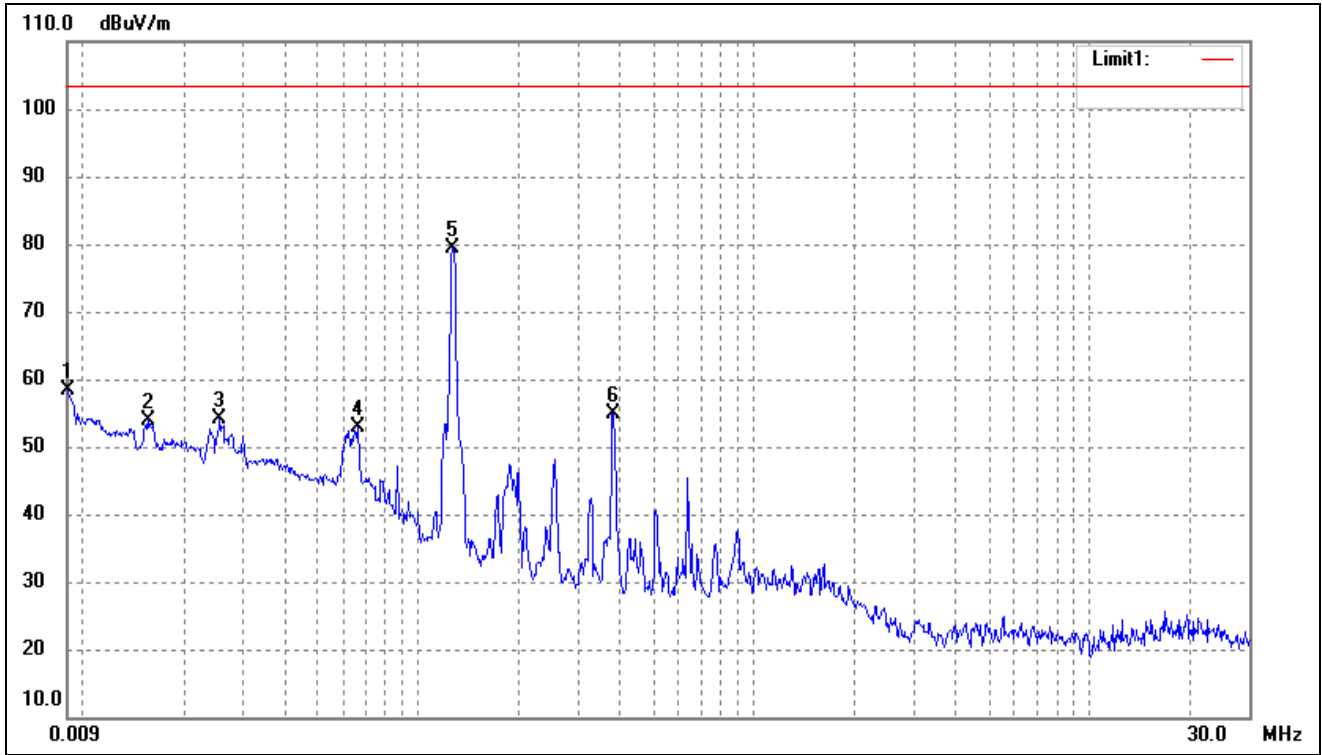
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0090	63.57	-4.90	58.67	103.50	-44.83	-	-	peak
2	0.0158	62.39	-5.58	56.81	103.50	-46.69	-	-	peak
3	0.0260	61.32	-5.23	56.09	103.50	-47.41	-	-	peak
4	0.1277	86.75	-4.42	82.33	103.50	-21.17	-	-	peak
5	0.1752	63.02	-4.40	58.62	103.50	-44.88	-	-	peak
6	0.3818	61.16	-4.72	56.44	103.50	-47.06	-	-	peak

Test mode:	TM2	Polarity:	Horizontal
------------	-----	-----------	------------



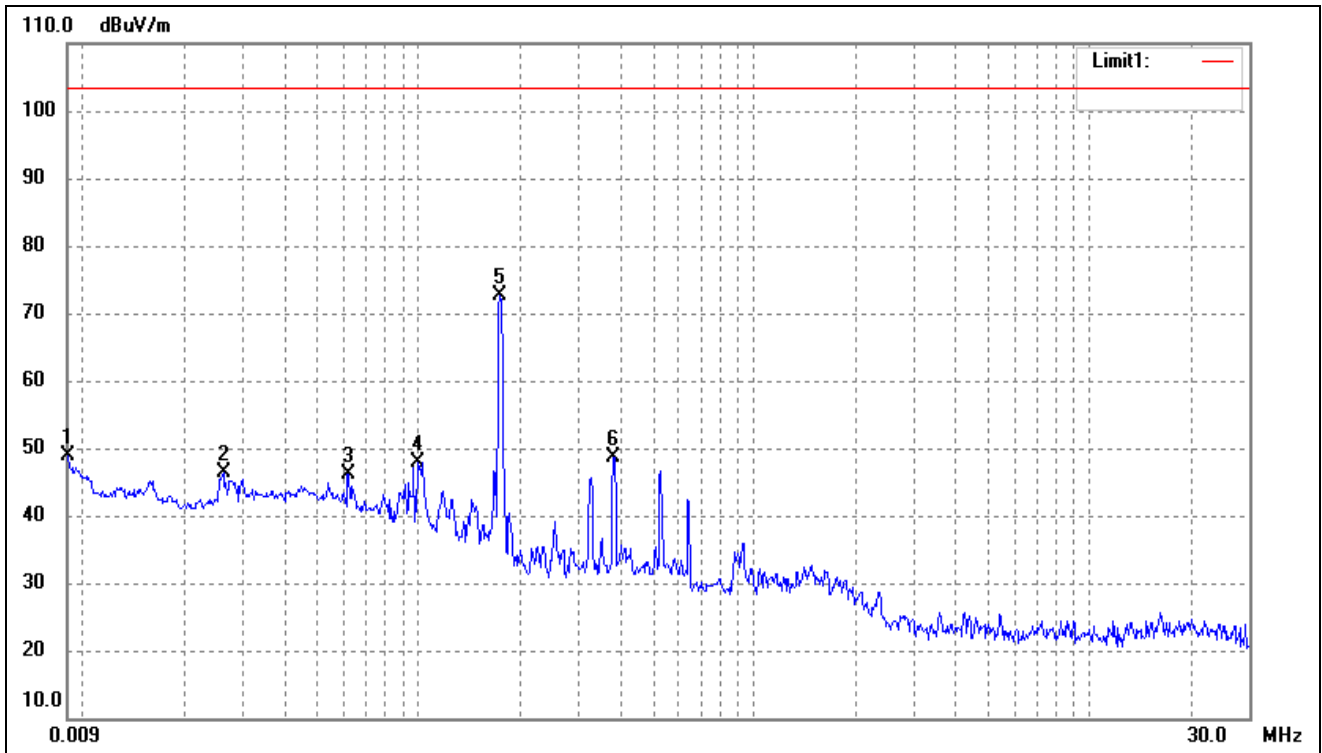
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0090	64.64	-4.90	59.74	103.50	-43.76	-	-	peak
2	0.0161	63.65	-5.58	58.07	103.50	-45.43	-	-	peak
3	0.0601	62.81	-4.16	58.65	103.50	-44.85	-	-	peak
4	0.1277	88.08	-4.42	83.66	103.50	-19.84	-	-	peak
5	0.1767	63.73	-4.40	59.33	103.50	-44.17	-	-	peak
6	0.3818	63.44	-4.72	58.72	103.50	-44.78	-	-	peak

Test mode:	TM3	Polarity:	Horizontal
------------	-----	-----------	------------



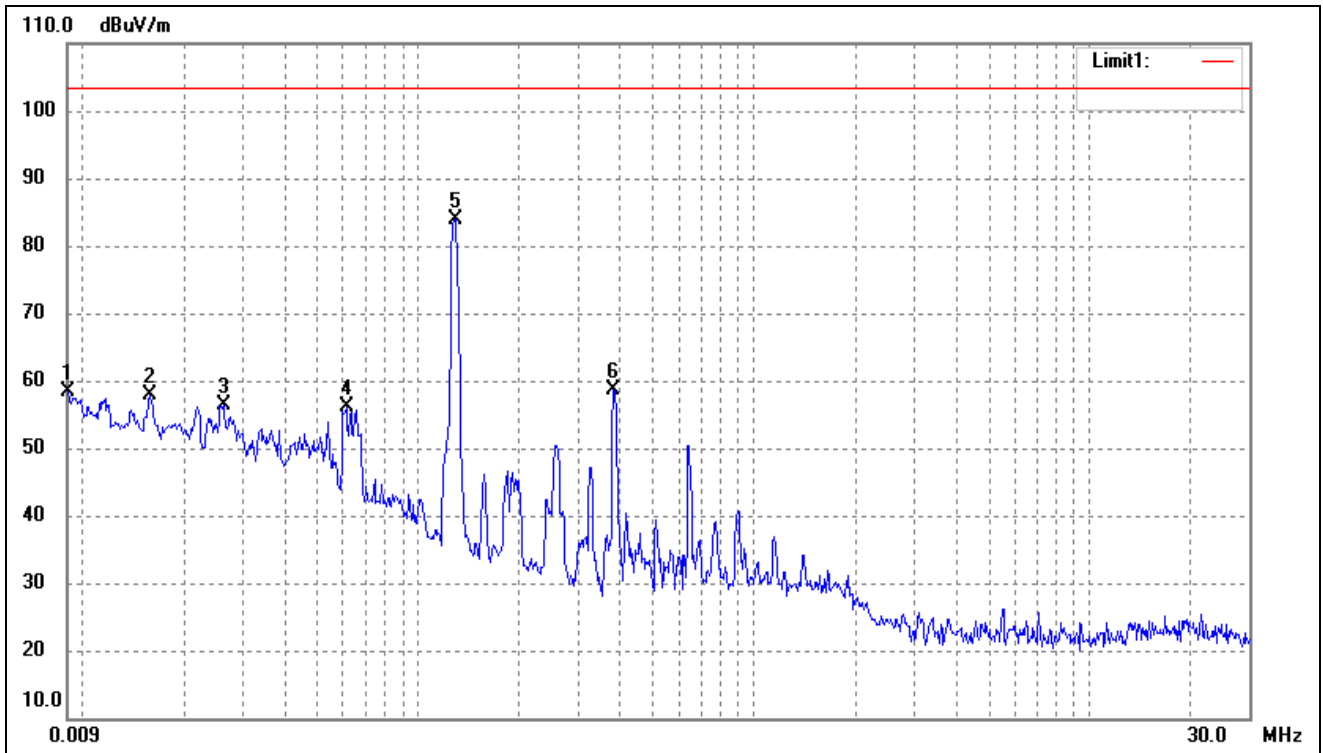
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0090	63.34	-4.90	58.44	103.50	-45.06	-	-	peak
2	0.0156	59.58	-5.58	54.00	103.50	-49.50	-	-	peak
3	0.0256	59.36	-5.25	54.11	103.50	-49.39	-	-	peak
4	0.0662	57.20	-4.37	52.83	103.50	-50.67	-	-	peak
5	0.1267	83.73	-4.43	79.30	103.50	-24.20	-	-	peak
6	0.3818	59.57	-4.72	54.85	103.50	-48.65	-	-	peak

Test mode:	TM4	Polarity:	Horizontal
------------	-----	-----------	------------



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0091	53.85	-5.03	48.82	103.50	-54.68	-	-	peak
2	0.0263	51.59	-5.21	46.38	103.50	-57.12	-	-	peak
3	0.0619	50.35	-4.23	46.12	103.50	-57.38	-	-	peak
4	0.1000	52.68	-4.73	47.95	103.50	-55.55	-	-	peak
5	0.1751	77.01	-4.40	72.61	103.50	-30.89	-	-	peak
6	0.3817	53.41	-4.72	48.69	103.50	-54.81	-	-	peak

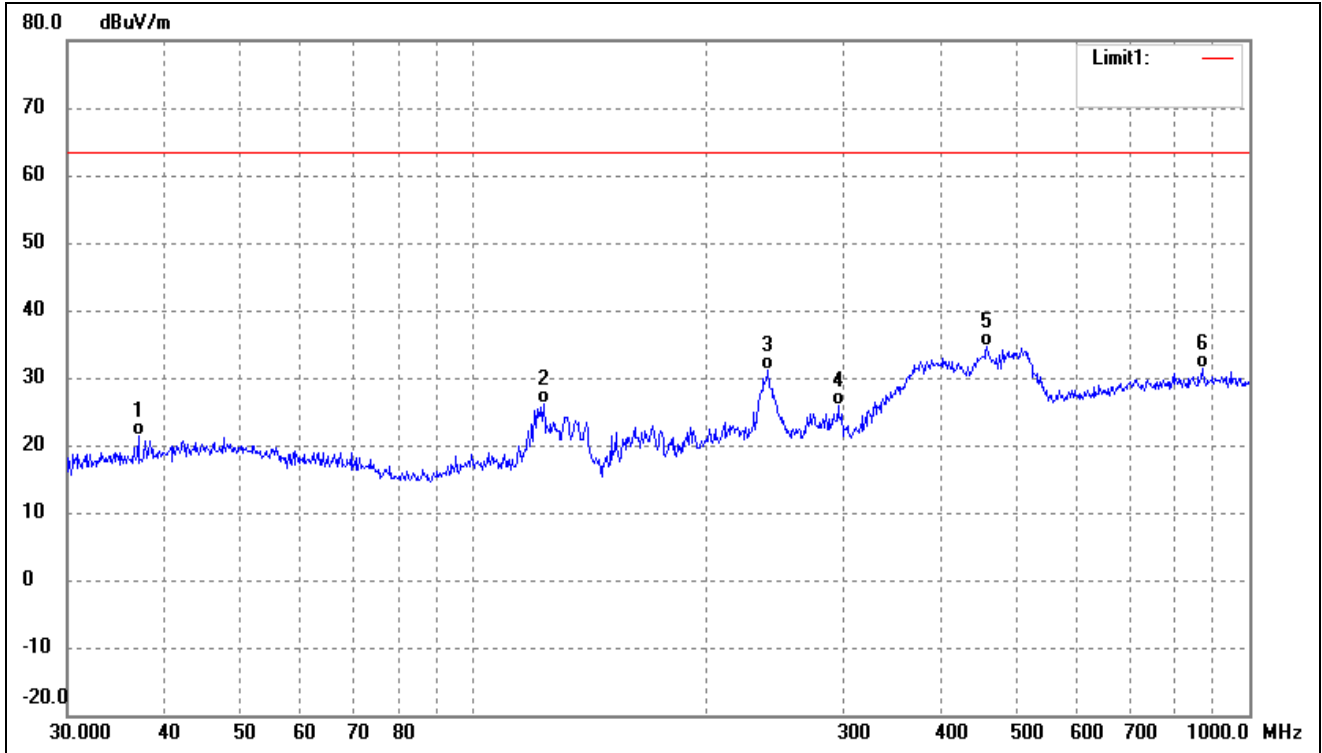
Test mode:	TM5	Polarity:	Horizontal
------------	-----	-----------	------------



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	0.0090	63.43	-4.96	58.47	103.50	-45.03	-	-	peak
2	0.0159	63.37	-5.58	57.79	103.50	-45.71	-	-	peak
3	0.0263	61.52	-5.21	56.31	103.50	-47.19	-	-	peak
4	0.0610	60.26	-4.20	56.06	103.50	-47.44	-	-	peak
5	0.1287	88.41	-4.41	84.00	103.50	-19.50	-	-	peak
6	0.3818	63.39	-4.72	58.67	103.50	-44.83	-	-	peak

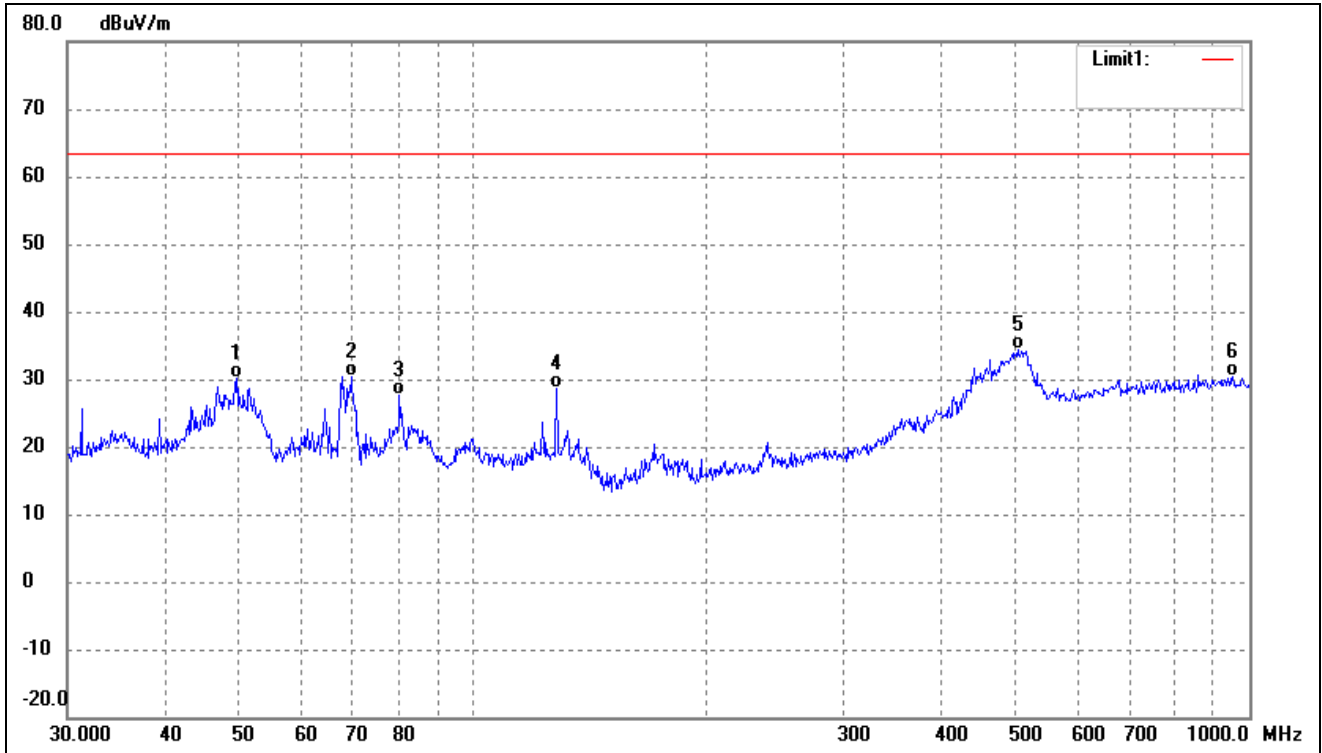
Plot of Radiated Emissions Test Data (Above 30MHz)

Test mode:	TM1	Polarity:	Horizontal
------------	-----	-----------	------------



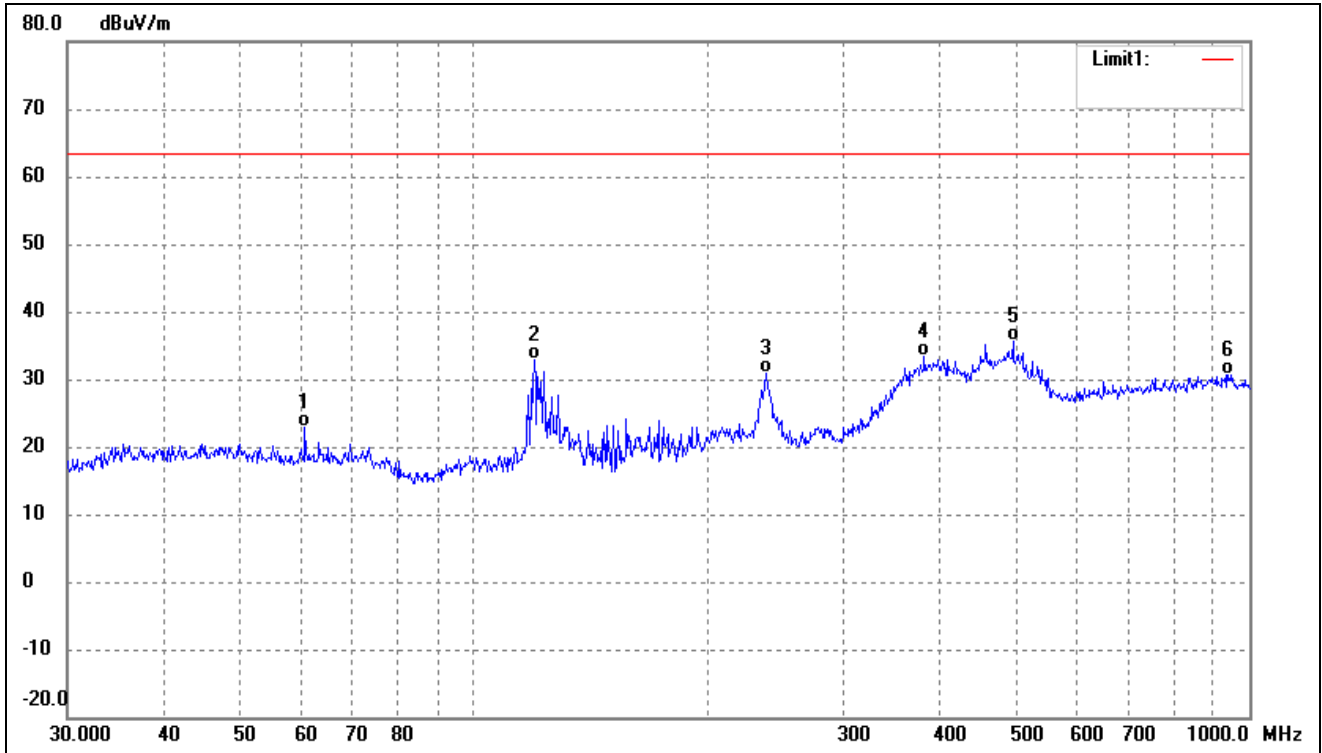
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	37.0249	29.09	-7.72	21.37	63.50	-42.13	-	-	QP
2	123.2655	36.38	-10.20	26.18	63.50	-37.32	-	-	QP
3	239.9874	39.65	-8.59	31.06	63.50	-32.44	-	-	QP
4	295.1469	33.06	-7.09	25.97	63.50	-37.53	-	-	QP
5	459.1144	36.94	-2.33	34.61	63.50	-28.89	-	-	QP
6	869.1302	28.92	2.52	31.44	63.50	-32.06	-	-	QP

Test mode:	TM1	Polarity:	Vertical
------------	-----	-----------	----------



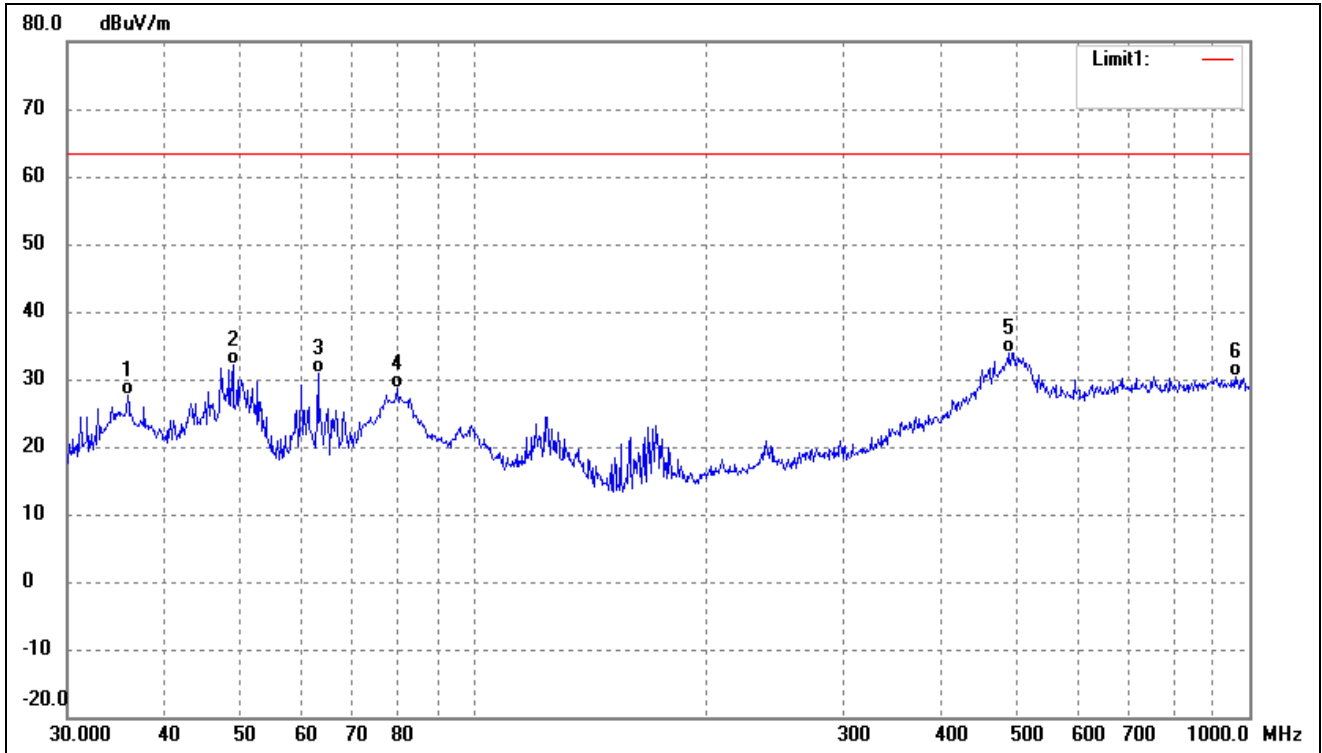
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	49.5328	37.03	-6.97	30.06	63.50	-33.44	-	-	QP
2	69.6005	40.39	-10.10	30.29	63.50	-33.21	-	-	QP
3	80.3619	38.46	-10.73	27.73	63.50	-35.77	-	-	QP
4	128.1130	39.68	-11.09	28.59	63.50	-34.91	-	-	QP
5	502.9395	35.51	-1.25	34.26	63.50	-29.24	-	-	QP
6	952.0937	27.82	2.58	30.40	63.50	-33.10	-	-	QP

Test mode:	TM2	Polarity:	Horizontal
------------	-----	-----------	------------



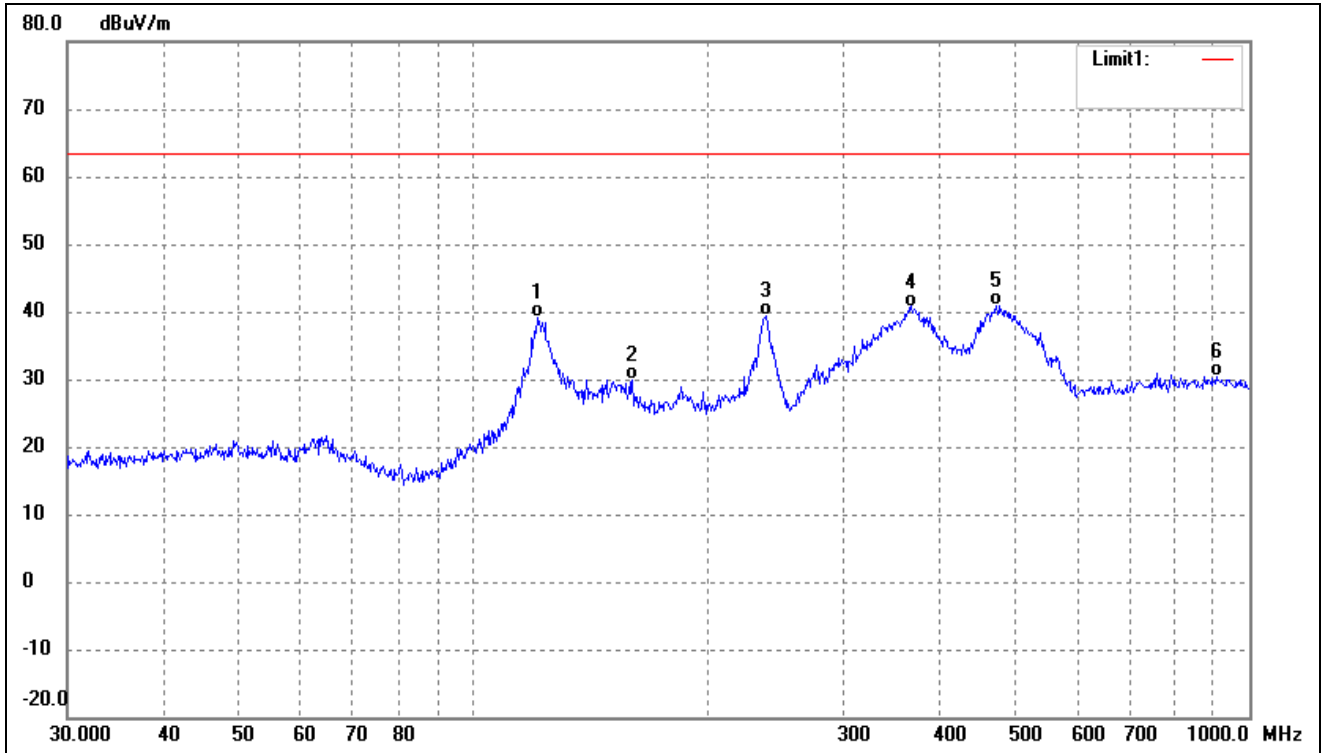
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	60.7044	31.53	-8.55	22.98	63.50	-40.52	-	-	QP
2	119.8556	42.55	-9.59	32.96	63.50	-30.54	-	-	QP
3	238.3102	39.54	-8.64	30.90	63.50	-32.60	-	-	QP
4	381.2487	37.78	-4.46	33.32	63.50	-30.18	-	-	QP
5	495.9344	37.13	-1.40	35.73	63.50	-27.77	-	-	QP
6	938.8326	27.99	2.62	30.61	63.50	-32.89	-	-	QP

Test mode:	TM2	Polarity:	Vertical
------------	-----	-----------	----------



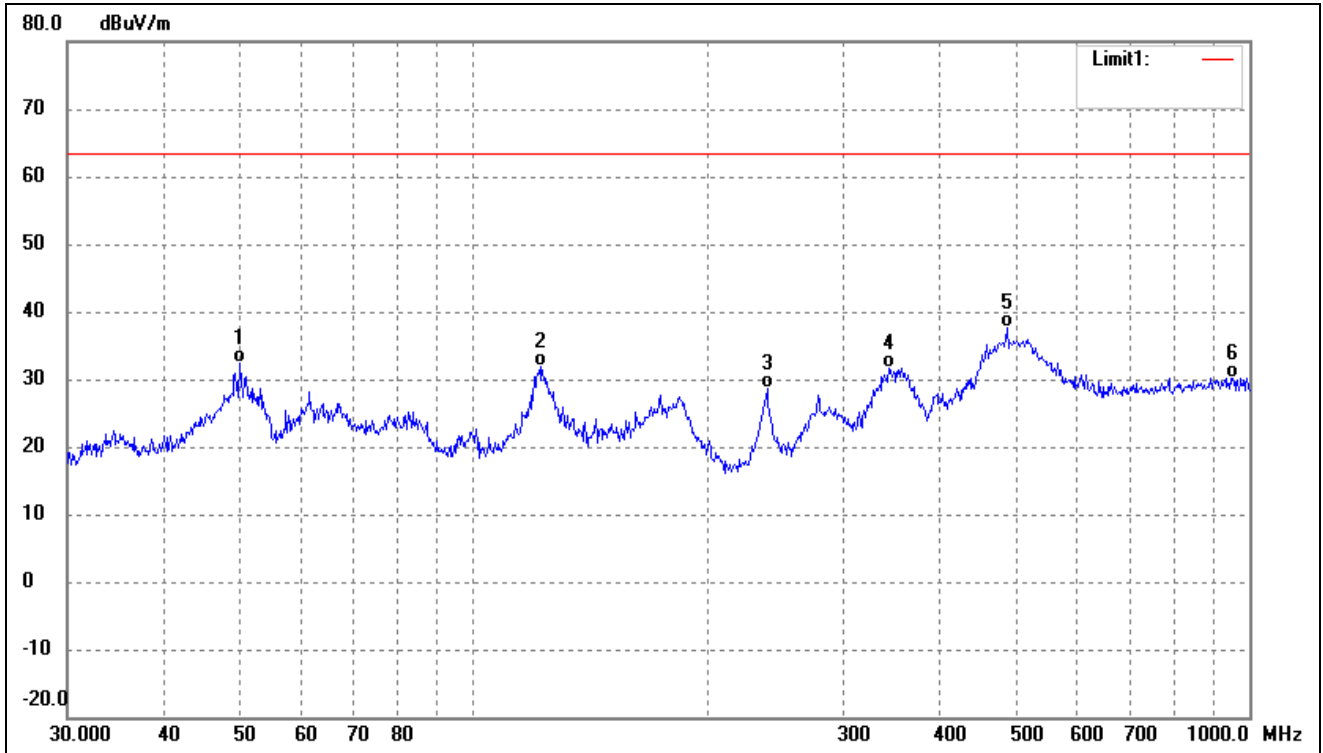
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	35.8747	35.71	-8.01	27.70	63.50	-35.80	-	-	QP
2	49.0145	39.17	-6.96	32.21	63.50	-31.29	-	-	QP
3	63.0916	39.83	-8.96	30.87	63.50	-32.63	-	-	QP
4	79.8003	39.26	-10.71	28.55	63.50	-34.95	-	-	QP
5	489.0269	35.54	-1.58	33.96	63.50	-29.54	-	-	QP
6	958.7943	27.77	2.55	30.32	63.50	-33.18	-	-	QP

Test mode:	TM3	Polarity:	Horizontal
------------	-----	-----------	------------



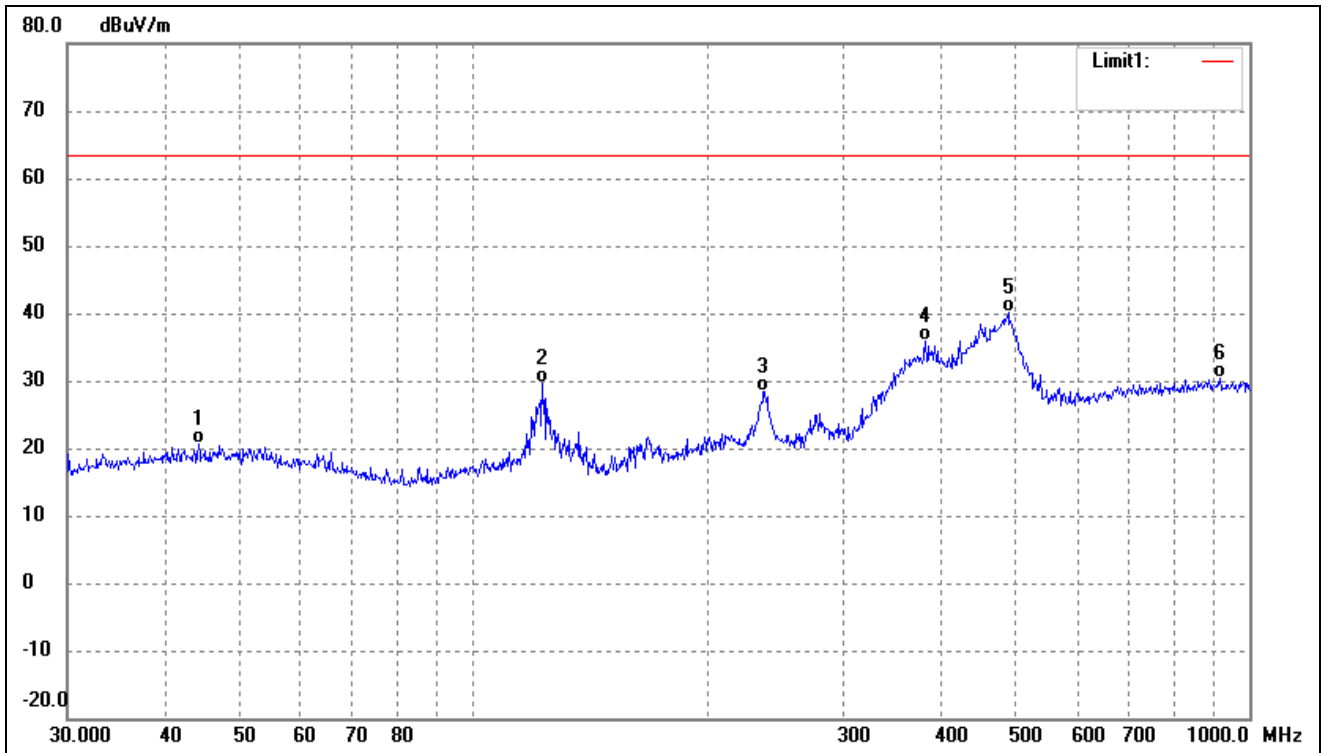
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	121.1231	48.86	-9.80	39.06	63.50	-24.44	-	-	QP
2	160.3457	41.93	-12.15	29.78	63.50	-33.72	-	-	QP
3	238.3102	48.10	-8.64	39.46	63.50	-24.04	-	-	QP
4	366.8231	45.64	-4.89	40.75	63.50	-22.75	-	-	QP
5	472.1760	42.86	-2.01	40.85	63.50	-22.65	-	-	QP
6	906.4824	27.68	2.74	30.42	63.50	-33.08	-	-	QP

Test mode:	TM3	Polarity:	Vertical
------------	-----	-----------	----------



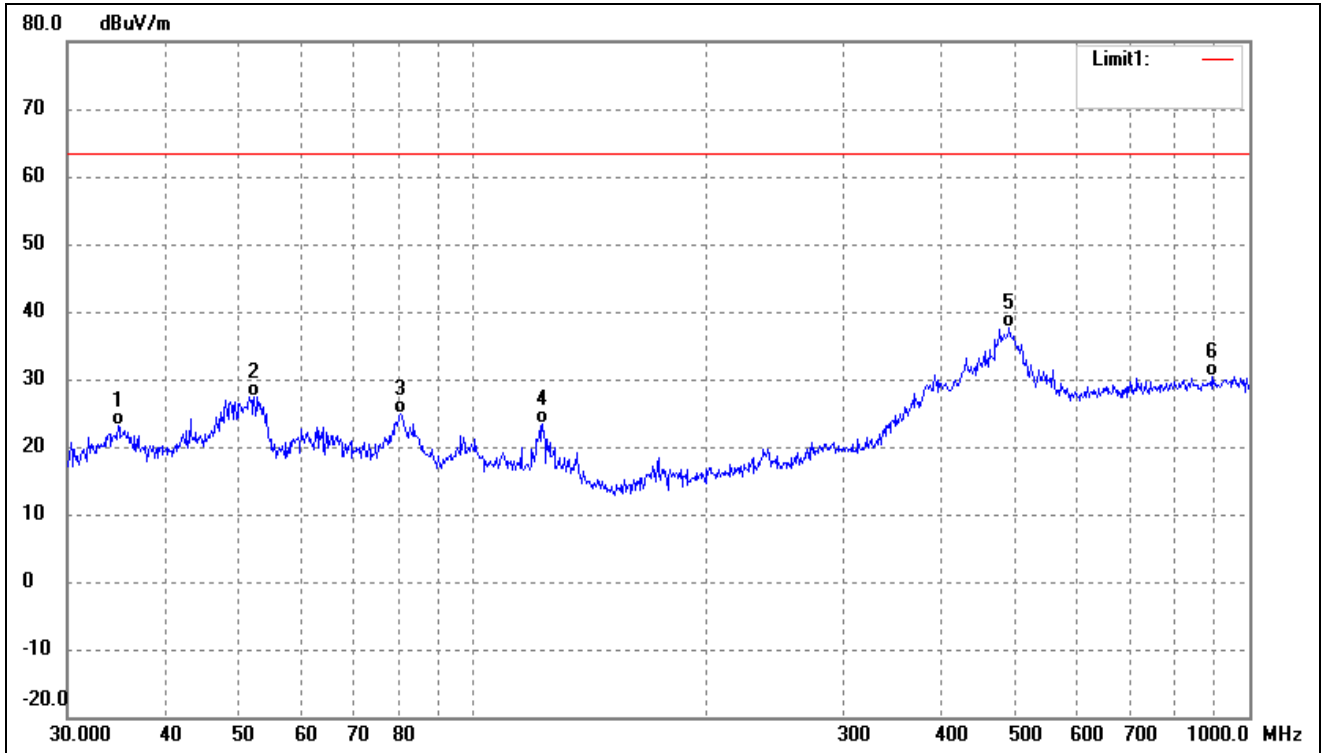
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	50.0566	39.27	-6.97	32.30	63.50	-31.20	-	-	QP
2	121.9755	41.78	-9.96	31.82	63.50	-31.68	-	-	QP
3	239.1473	37.16	-8.62	28.54	63.50	-34.96	-	-	QP
4	343.1800	37.35	-5.62	31.73	63.50	-31.77	-	-	QP
5	487.3151	39.32	-1.62	37.70	63.50	-25.80	-	-	QP
6	952.0937	27.66	2.58	30.24	63.50	-33.26	-	-	QP

Test mode:	TM4	Polarity:	Horizontal
------------	-----	-----------	------------



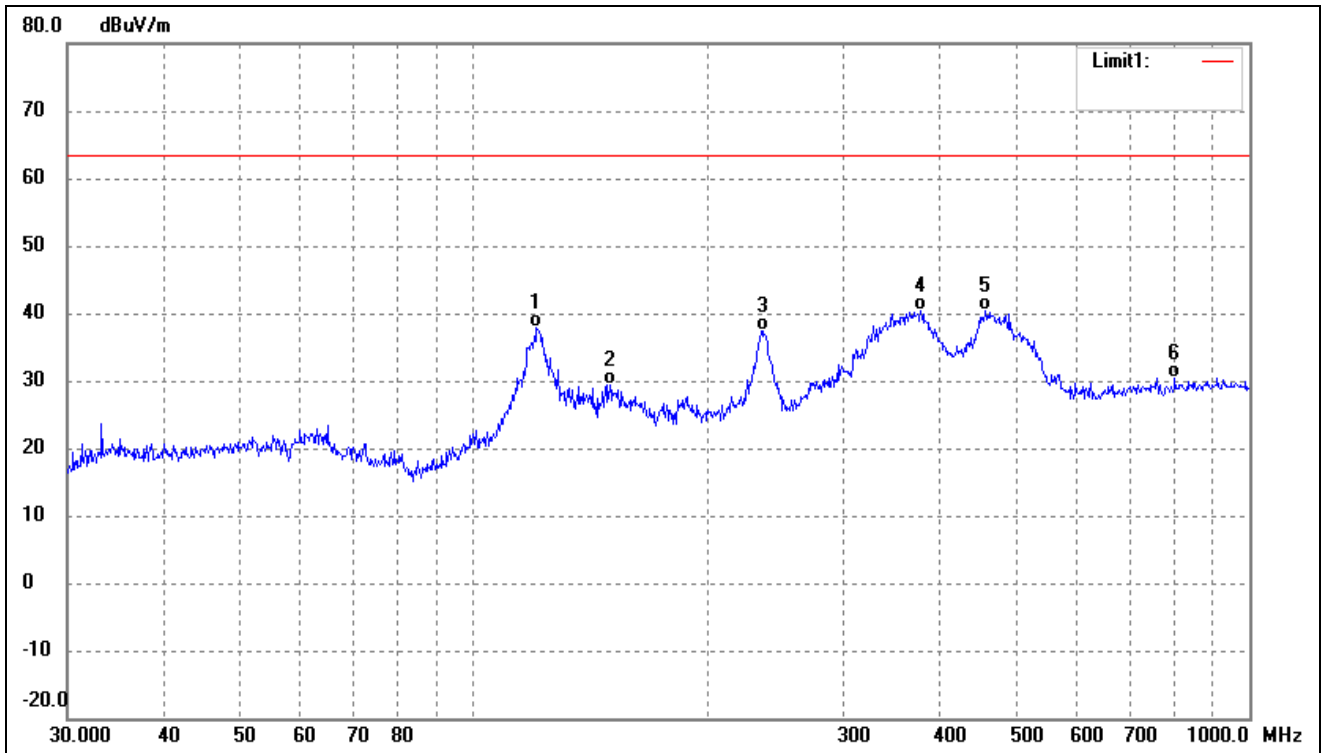
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	44.2752	27.49	-6.98	20.51	63.50	-42.99	-	-	QP
2	122.8340	39.65	-10.12	29.53	63.50	-33.97	-	-	QP
3	236.6447	37.15	-8.68	28.47	63.50	-35.03	-	-	QP
4	382.5879	40.32	-4.41	35.91	63.50	-27.59	-	-	QP
5	489.0269	41.72	-1.58	40.14	63.50	-23.36	-	-	QP
6	916.0687	27.66	2.69	30.35	63.50	-33.15	-	-	QP

Test mode:	TM4	Polarity:	Vertical
------------	-----	-----------	----------



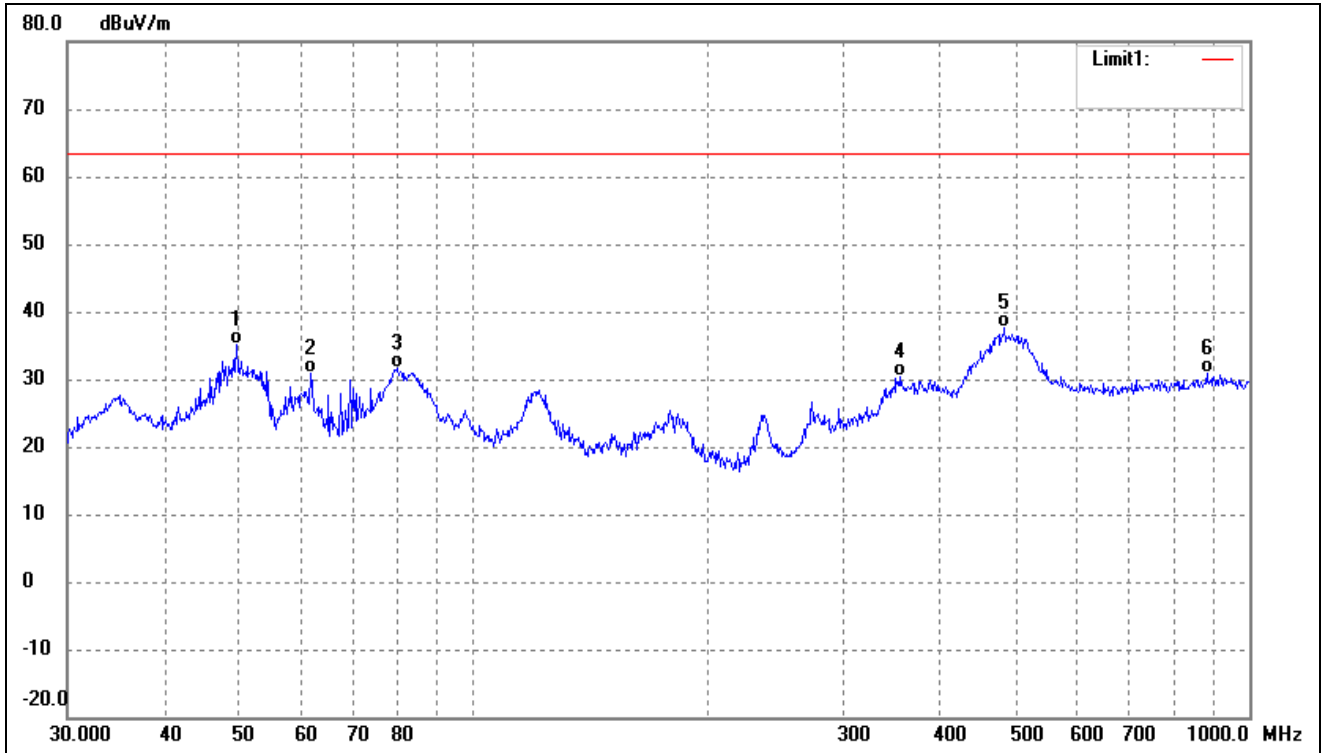
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	34.8823	31.34	-8.25	23.09	63.50	-40.41	-	-	QP
2	52.2079	34.71	-7.29	27.42	63.50	-36.08	-	-	QP
3	80.6442	35.64	-10.71	24.93	63.50	-38.57	-	-	QP
4	122.8340	33.47	-10.12	23.35	63.50	-40.15	-	-	QP
5	490.7447	39.23	-1.54	37.69	63.50	-25.81	-	-	QP
6	893.8567	27.62	2.70	30.32	63.50	-33.18	-	-	QP

Test mode:	TM5	Polarity:	Horizontal
------------	-----	-----------	------------



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	120.6991	47.49	-9.72	37.77	63.50	-25.73	-	-	QP
2	150.0108	42.02	-12.61	29.41	63.50	-34.09	-	-	QP
3	236.6447	46.02	-8.68	37.34	63.50	-26.16	-	-	QP
4	377.2591	44.97	-4.58	40.39	63.50	-23.11	-	-	QP
5	457.5073	42.64	-2.37	40.27	63.50	-23.23	-	-	QP
6	801.7863	28.30	2.10	30.40	63.50	-33.10	-	-	QP

Test mode:	TM5	Polarity:	Vertical
------------	-----	-----------	----------



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	49.5328	42.12	-6.97	35.15	63.50	-28.35	-	-	QP
2	61.7781	39.61	-8.74	30.87	63.50	-32.63	-	-	QP
3	79.8003	42.32	-10.71	31.61	63.50	-31.89	-	-	QP
4	354.1831	35.55	-5.27	30.28	63.50	-33.22	-	-	QP
5	483.9094	39.32	-1.71	37.61	63.50	-25.89	-	-	QP
6	881.4067	28.16	2.62	30.78	63.50	-32.72	-	-	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 *******