

TEST REPORT

Reference No...... : WTD24X07156727W010
FCC ID..... : 2AEPBLACK5
Applicant..... : COLOMBIANA DE COMERCIO S.A.
Address..... : Car. 43E No 8-71, Medellin, Colombia
Manufacturer..... : Sichuan Koobee Communication Equipment Co., Ltd.
Address..... : 3 Floor, Building 2, 69 Gangyuan Road West Section, Lingang Development
Zone, Yibin City, Sichuan Province, China
Product Name..... : Smart phone
Model No..... : Black 5
Brand Name..... : Kalley
Standards..... : **FCC PART15 SUBPART B**
Date of Receipt sample..... : 2024-07-04
Date of Test..... : 2024-07-04 to 2024-08-06
Date of Issue..... : 2024-08-07
Test Report Form No..... : WTX_FCC PART15B_001
Test Result..... : **Pass**

Remarks:

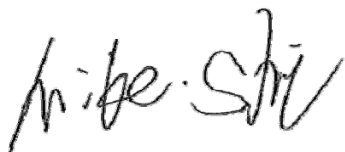
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Tested by:



Mike Shi

Approved by:



Jason Su

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Report version

Version No.	Date of issue	Description
Rev.00	2024-08-07	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	Smart phone
Trade Name:	Kalley
Model No.:	Black 5
Adding Model(s):	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Rated Voltage:	DC3.87V
Battery Capacity:	4900mAh
Rated Power:	/
Power Adapter Model:	MODEL:HJ-0502000-US Input: AC100-240V 50/60Hz 0.3A Output:DC5.0V,2.0A 10.0W
Lowest Internal Frequency:	26MHz
Highest Internal Frequency:	5825MHz
Classification of ITE:	Class B

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15 Subpart B:Unintentional Radiators.

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, 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

Address of the test laboratory

Laboratory: 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

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. 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	Charging And Playing	Connect to the Adapter	AC120V 60Hz for adapter
TM2	Downloading	Connect to the Notebook	AC120V 60Hz for PC
TM3	Camera on	Front Camera On	AC120V 60Hz for adapter
TM4	Camera on	Back Camera On	AC120V 60Hz for adapter
TM5	GPS	GPS	AC120V 60Hz for adapter
TM6	GSM 850	RX mode(869~894MHz)	AC120V 60Hz for adapter
TM7	WCDMA Band 5	RX mode(869~894MHz)	AC120V 60Hz for adapter
TM8	LTE Band 5	RX mode(869~894MHz)	AC120V 60Hz for adapter
TM9	LTE Band 12	RX mode(729~746MHz)	AC120V 60Hz for adapter
TM10	LTE Band 13	RX mode(746~756MHz)	AC120V 60Hz for adapter

EUT Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
Type-C Cable	1.0	Unshielded	Without Ferrite	Without Chip
Earphone Cable	1.15	Unshielded	Without Ferrite	Without Chip

Special Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
/	/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Computer	Lenovo	L13 Yoga	/

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
☐ Chamber A:Below 1GHz					
Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2024-02-24	2025-02-23
EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2024-03-19	2025-03-18
Amplifier	HP	8447F	2805A03475	2024-02-24	2025-02-23
Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2025-02-25
Trilog Broadband Antenna	Schwarz beck	VULB9163	9163-333	2024-02-24	2025-02-23
☐ Chamber A:Above 1GHz					
Amplifier	C&D	PAP-1G18	2002	2024-02-27	2025-02-26
Horn Antenna	ETS	3117	00086197	2024-02-26	2025-02-25
☐ Chamber B:Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2024-02-24	2025-02-23
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2024-03-17	2027-03-16
Amplifier	Agilent	8447D	2944A10457	2024-02-24	2025-02-23
☒ Chamber C:Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2024-02-27	2025-02-26
Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2024-04-18	2027-04-17
Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2025-02-25
Amplifier	HP	8447F	2944A03869	2024-02-24	2025-02-23
☒ Chamber C:Above 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2024-02-27	2025-02-26
Horn Antenna	POAM	RTF-118A	1820	2023-03-10	2026-03-09
Amplifier	Tonscend	TAP01018050	AP22E806235	2024-02-27	2025-02-26
DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2024-03-17	2025-03-16
Pre-amplifier	Schwarzbeck	BBV 9721	9721-031	2024-02-29	2025-02-28
☐ Conducted Room 1#					
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2024-02-24	2025-02-23
EMI Test Receiver	Rohde & Schwarz	ESCI	100525	2023-12-12	2024-12-11

AC LISN	Schwarz beck	NSLK8126	8126-279	2024-02-24	2025-02-23
☒ Conducted Room 2#					
EMI Test Receiver	Rohde & Schwarz	ESPI	101259	2024-02-24	2025-02-23
LISN	Rohde & Schwarz	ENV 216	100097	2024-02-24	2025-02-23

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission Room 1#)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission Room 2#)*	SKET	EMC-I	V2.0

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

2. SUMMARY OF TEST RESULTS

Description of Test	Result
§15.107(a) Conducted Emission	Compliant
§15.109(a) Radiated Emission	Compliant

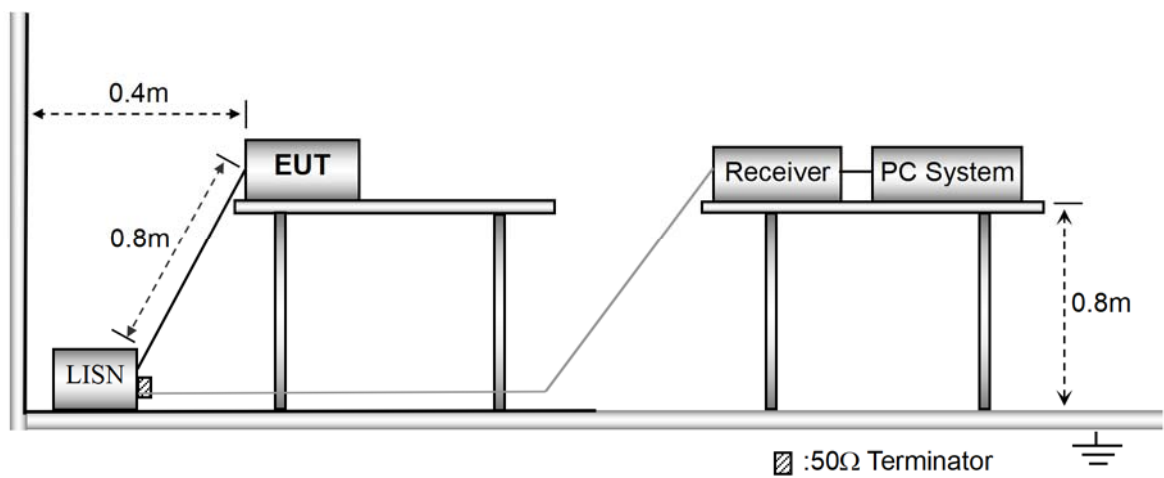
N/A: not applicable

3. Conducted Emissions

3.1 Test Procedure

The test is conducted under the description of 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.

3.2 Basic Test Setup Block Diagram



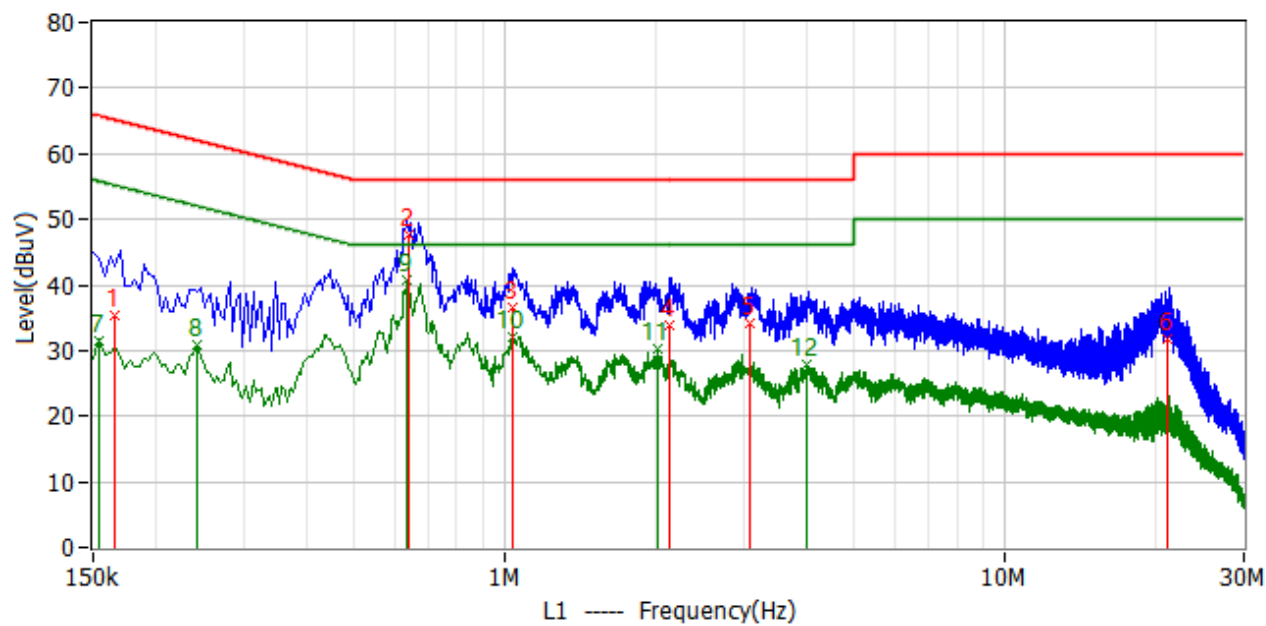
3.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1014 mbar

3.4 Summary of Test Results

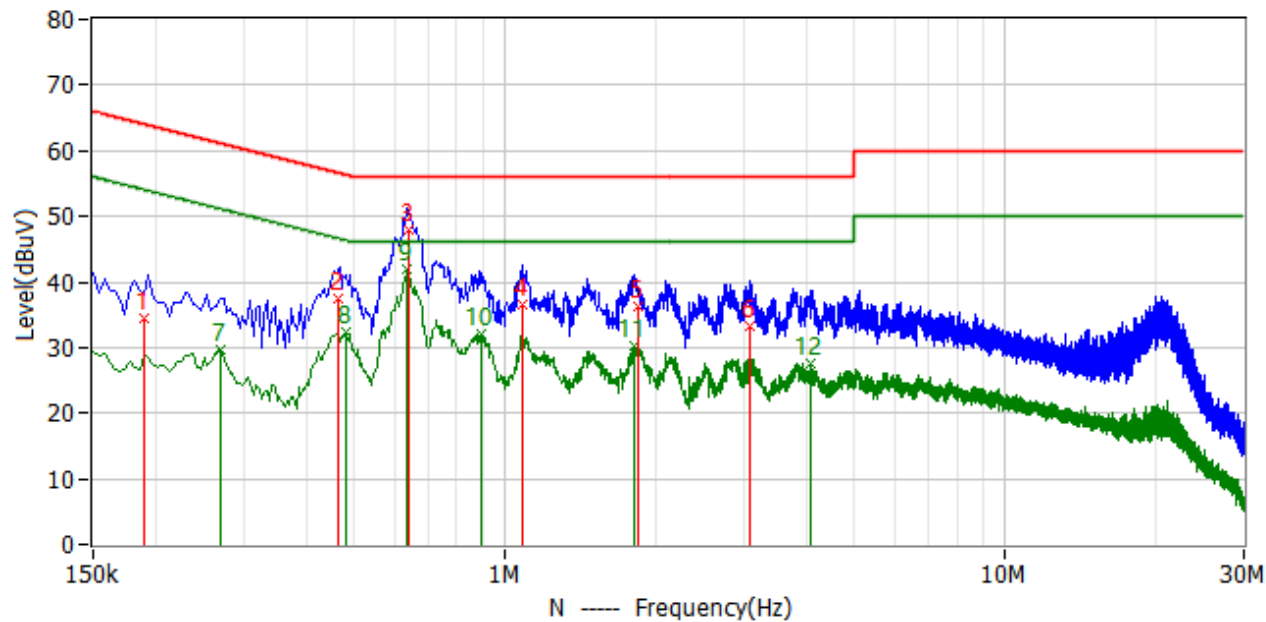
Please find the results below:

Test mode:	TM1 (worst case)	Polarity:	Line
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No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	166.000kHz	25.7	9.7	35.4	65.2	-29.7	QP
2	642.000kHz	37.8	9.7	47.5	56.0	-8.5	QP
3	1.034MHz	26.9	9.6	36.5	56.0	-19.5	QP
4	2.122MHz	24.2	9.6	33.8	56.0	-22.2	QP
5	3.078MHz	24.6	9.6	34.2	56.0	-21.8	QP
6	21.074MHz	21.6	10.1	31.7	60.0	-28.3	QP
7*	154.000kHz	21.9	9.7	31.6	55.8	-24.2	AV
8*	242.000kHz	21.2	9.6	30.8	52.0	-21.2	AV
9*	638.000kHz	31.0	9.7	40.7	46.0	-5.3	AV
10*	1.034MHz	22.4	9.6	32.0	46.0	-14.0	AV
11*	2.014MHz	20.6	9.6	30.2	46.0	-15.8	AV
12*	4.006MHz	18.3	9.6	27.9	46.0	-18.1	AV

Test mode:	TM1 (worst case)	Polarity:	Neutral
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No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	190.000kHz	24.9	9.6	34.5	64.0	-29.5	QP
2	462.000kHz	27.9	9.7	37.6	56.7	-19.0	QP
3	642.000kHz	38.2	9.7	47.9	56.0	-8.1	QP
4	1.086MHz	26.9	9.6	36.5	56.0	-19.5	QP
5	1.838MHz	26.8	9.6	36.4	56.0	-19.6	QP
6	3.090MHz	23.6	9.6	33.2	56.0	-22.8	QP
7*	270.000kHz	20.0	9.6	29.6	51.1	-21.5	AV
8*	482.000kHz	22.8	9.7	32.5	46.3	-13.8	AV
9*	634.000kHz	32.1	9.7	41.8	46.0	-4.2	AV
10*	898.000kHz	22.5	9.6	32.1	46.0	-13.9	AV
11*	1.806MHz	20.7	9.6	30.3	46.0	-15.7	AV
12*	4.090MHz	18.0	9.6	27.6	46.0	-18.4	AV

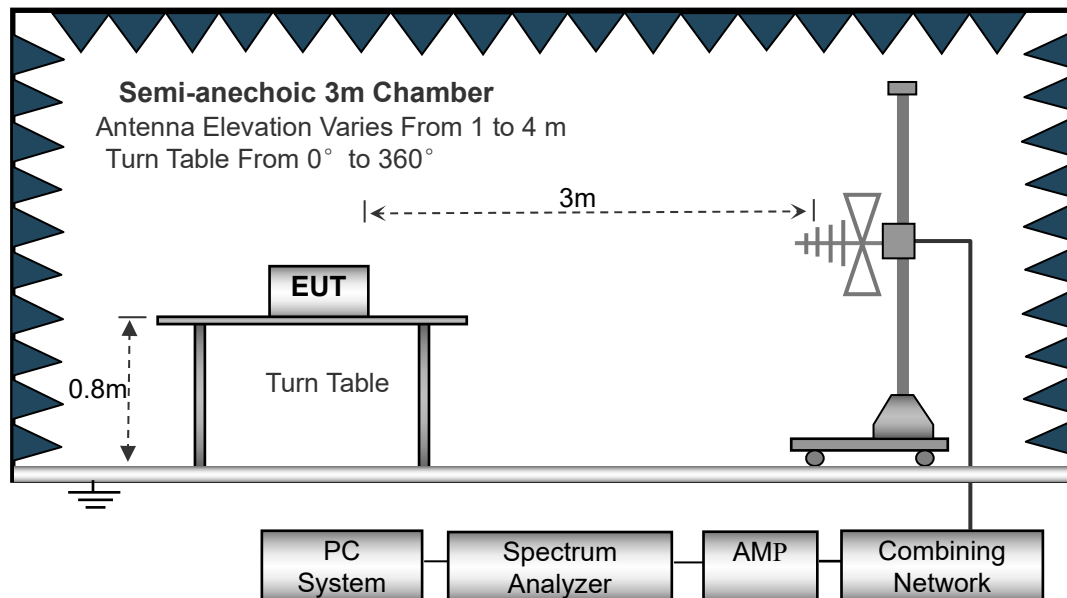
4. RADIATED EMISSION

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 15.109 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.

4.2 Block Diagram of Test Setup



4.3 Test Receiver Setup

Frequency :9kHz-30MHz	Frequency :30MHz-1GHz	Frequency :Above 1GHz
RBW=10KHz,	RBW=120KHz,	RBW=1MHz,
VBW =30KHz	VBW=300KHz	VBW=3MHz(Peak), 10Hz(AV)
Sweep time= Auto	Sweep time= Auto	Sweep time= Auto
Trace = max hold	Trace = max hold	Trace = max hold
Detector function = peak	Detector function = peak, QP	Detector function = peak, AV

4.4 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:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Correct} \\ \text{Correct} = \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

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 a Class B device. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15.109(a) Limit}$$

4.5 Environmental Conditions

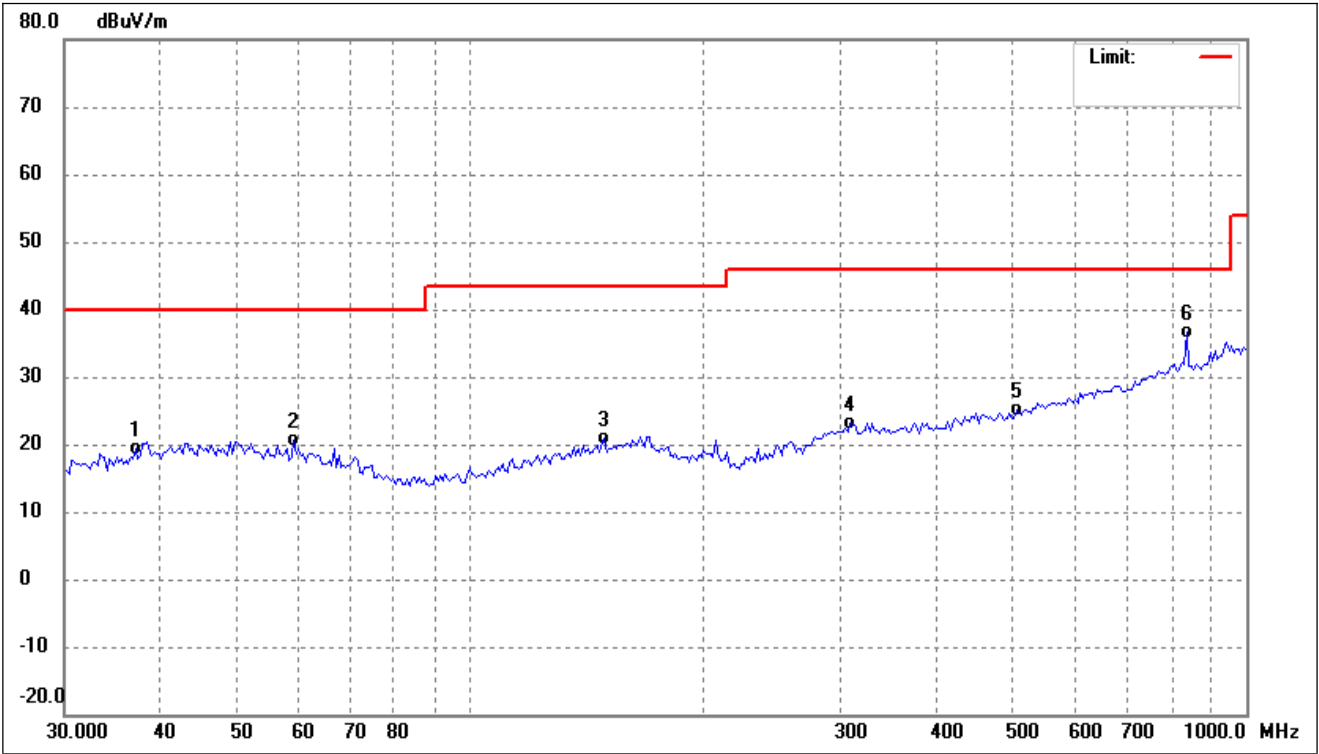
Temperature:	23.5°C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

4.6 Summary of Test Results

Please find the results below:

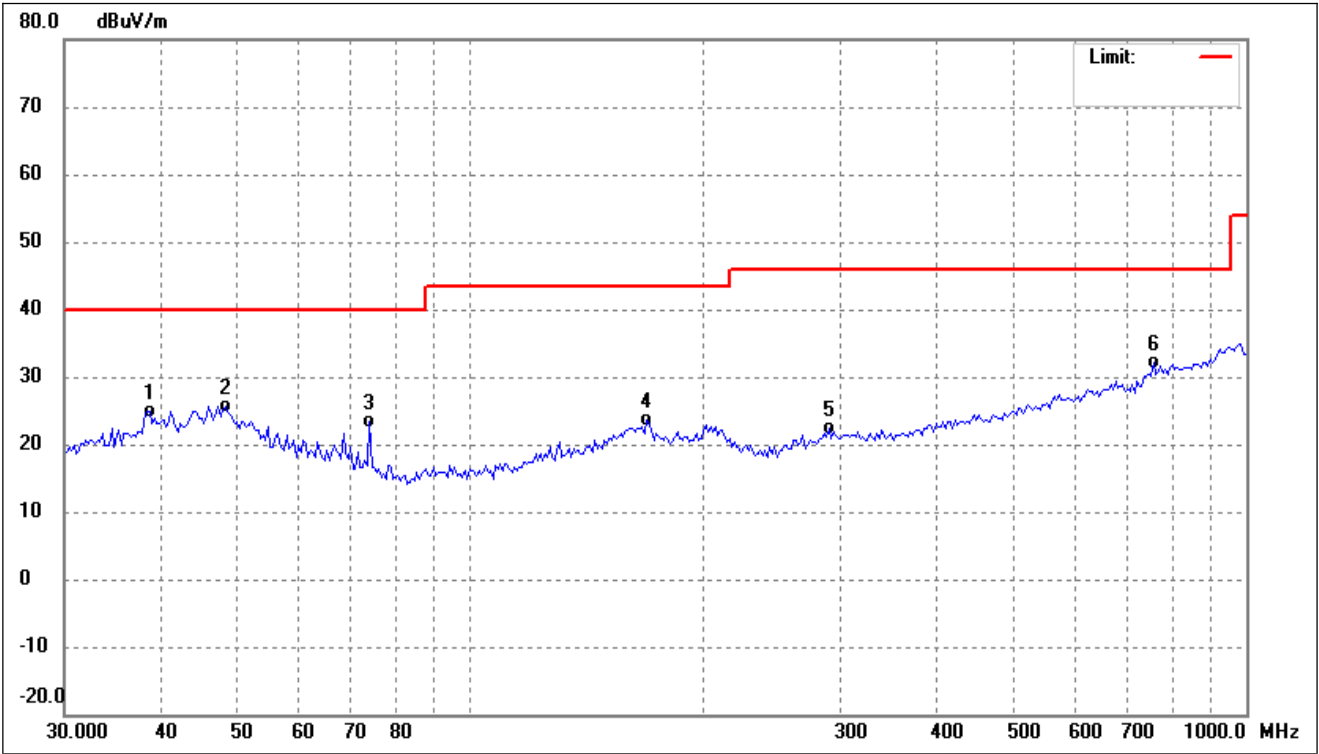
Below 1GHz

Test mode:	TM1	Polarity:	Horizontal
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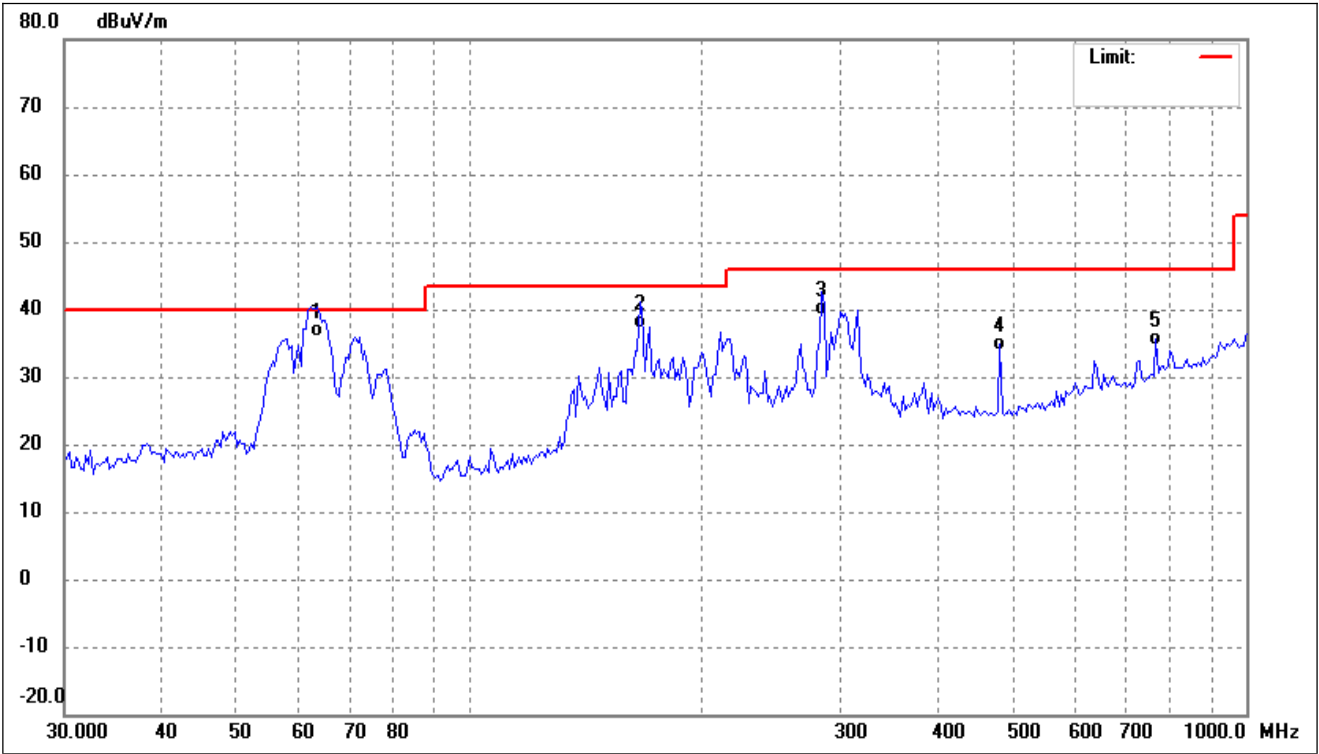
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	37.0405	27.98	-8.58	19.40	40.00	-20.60	-	-	QP
2	59.3133	28.91	-8.39	20.52	40.00	-19.48	-	-	QP
3	148.9175	29.02	-8.14	20.88	43.50	-22.62	-	-	QP
4	309.2710	30.84	-7.66	23.18	46.00	-22.82	-	-	QP
5	505.7891	29.77	-4.69	25.08	46.00	-20.92	-	-	QP
6	838.8870	35.11	1.42	36.53	46.00	-9.47	-	-	QP

Test mode:	TM1	Polarity:	Vertical
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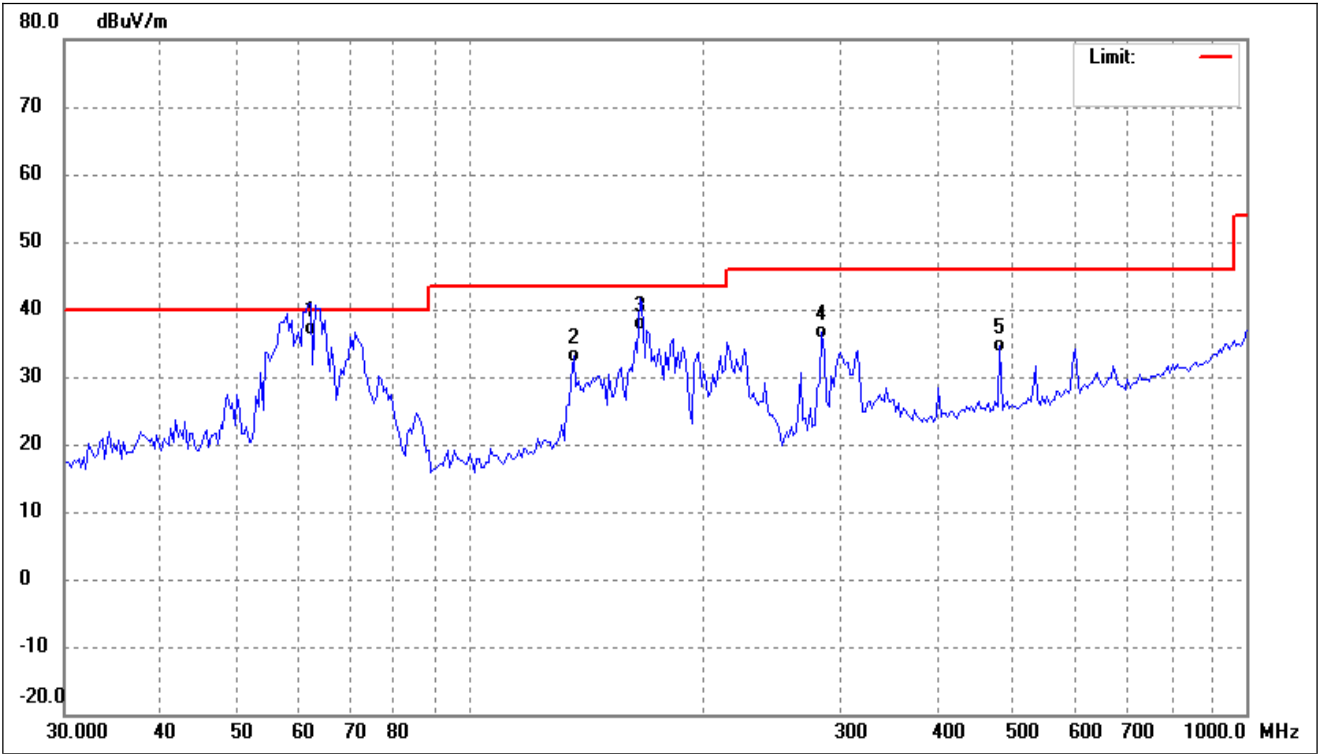
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.6357	33.15	-8.25	24.90	40.00	-15.10	-	-	QP
2	48.3780	33.37	-7.71	25.66	40.00	-14.34	-	-	QP
3	74.2696	34.47	-11.18	23.29	40.00	-16.71	-	-	QP
4	168.9970	31.84	-8.29	23.55	43.50	-19.95	-	-	QP
5	290.3170	30.54	-8.17	22.37	46.00	-23.63	-	-	QP
6	760.2867	31.82	0.35	32.17	46.00	-13.83	-	-	QP

Test mode:	TM2	Polarity:	Horizontal
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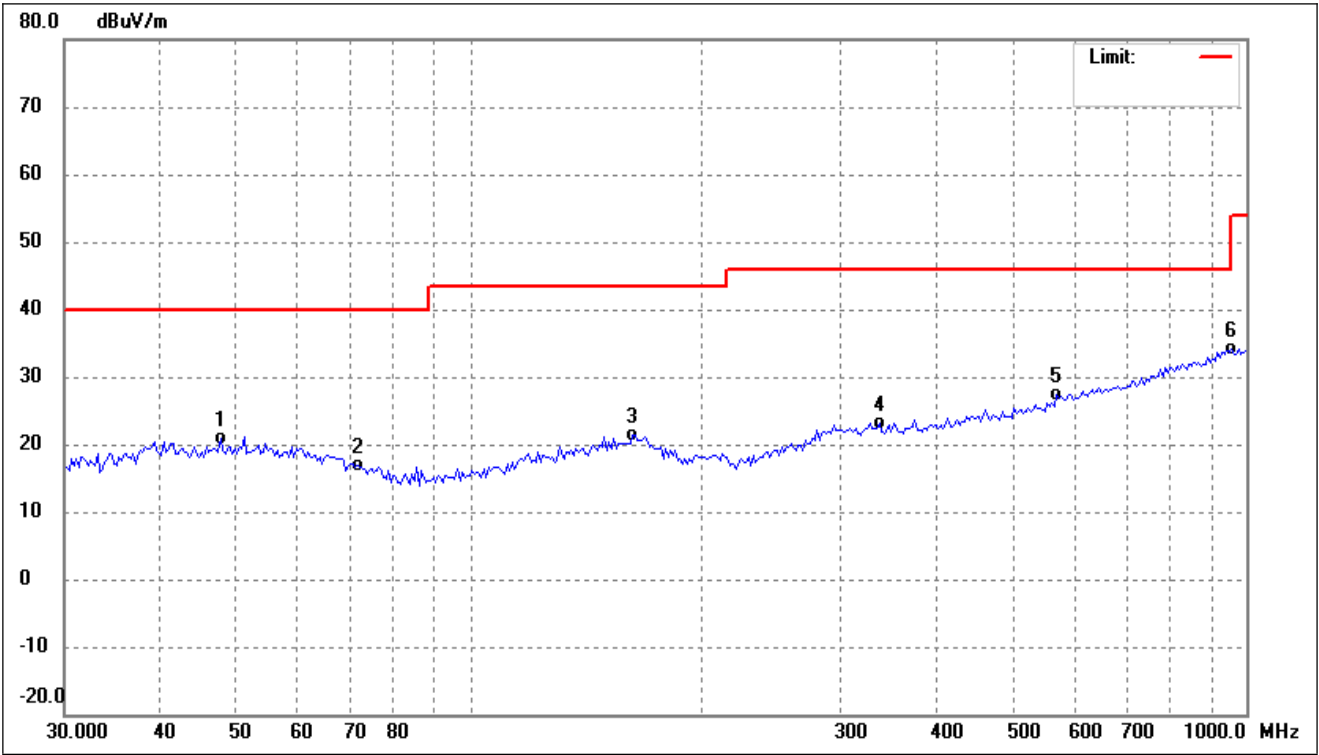
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	63.6312	46.07	-9.09	36.98	40.00	-3.02	-	-	QP
2	165.4716	46.44	-8.19	38.25	43.50	-5.25	-	-	QP
3	284.2606	48.38	-8.36	40.02	46.00	-5.98	-	-	QP
4	481.5112	39.71	-4.94	34.77	46.00	-11.23	-	-	QP
5	765.6482	35.11	0.45	35.56	46.00	-10.44	-	-	QP
6	603.5392	32.44	-3.72	28.72	46.00	-17.28	-	-	QP

Test mode:	TM2	Polarity:	Vertical
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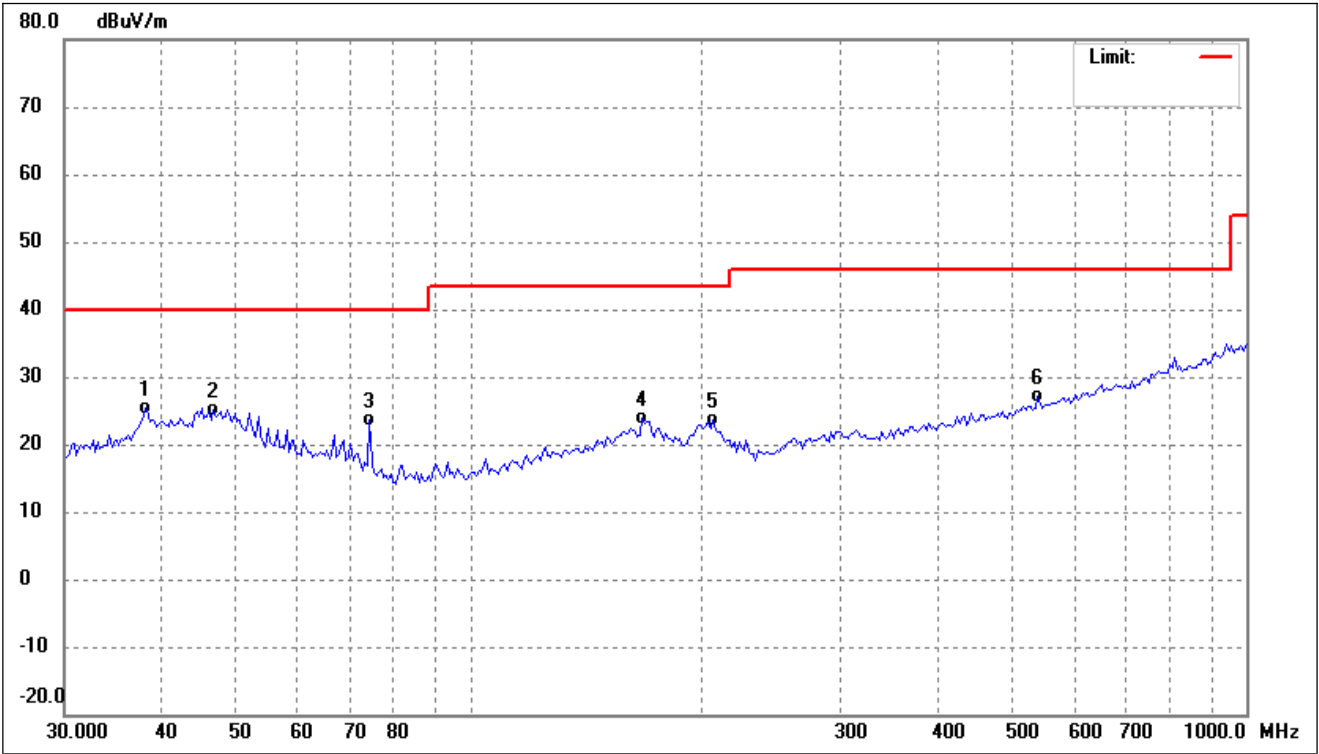
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	62.3038	45.87	-8.84	37.03	40.00	-2.97	-	-	QP
2	135.9163	42.14	-9.07	33.07	43.50	-10.43	-	-	QP
3	165.4716	46.07	-8.19	37.88	43.50	-5.62	-	-	QP
4	284.2606	44.87	-8.36	36.51	46.00	-9.49	-	-	QP
5	481.5112	39.48	-4.94	34.54	46.00	-11.46	-	-	QP
6	881.4067	28.22	0.13	28.35	46.00	-17.65	-	-	QP

Test mode:	TM3	Polarity:	Horizontal
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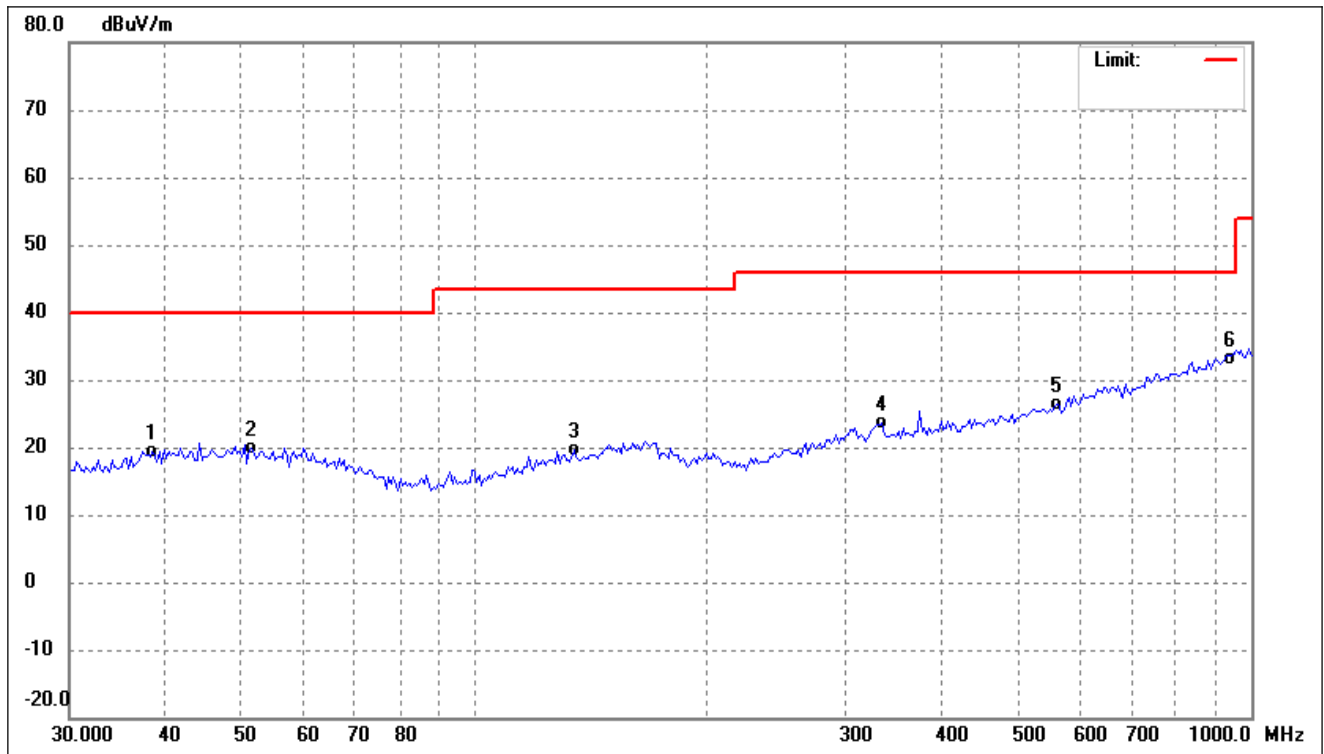
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	47.7028	28.67	-7.76	20.91	40.00	-19.09	-	-	QP
2	71.7054	27.43	-10.62	16.81	40.00	-23.19	-	-	QP
3	162.0197	29.57	-8.10	21.47	43.50	-22.03	-	-	QP
4	336.4817	30.44	-7.20	23.24	46.00	-22.76	-	-	QP
5	569.9688	30.35	-2.98	27.37	46.00	-18.63	-	-	QP
6	958.7134	30.90	3.34	34.24	46.00	-11.76	-	-	QP

Test mode:	TM3	Polarity:	Vertical
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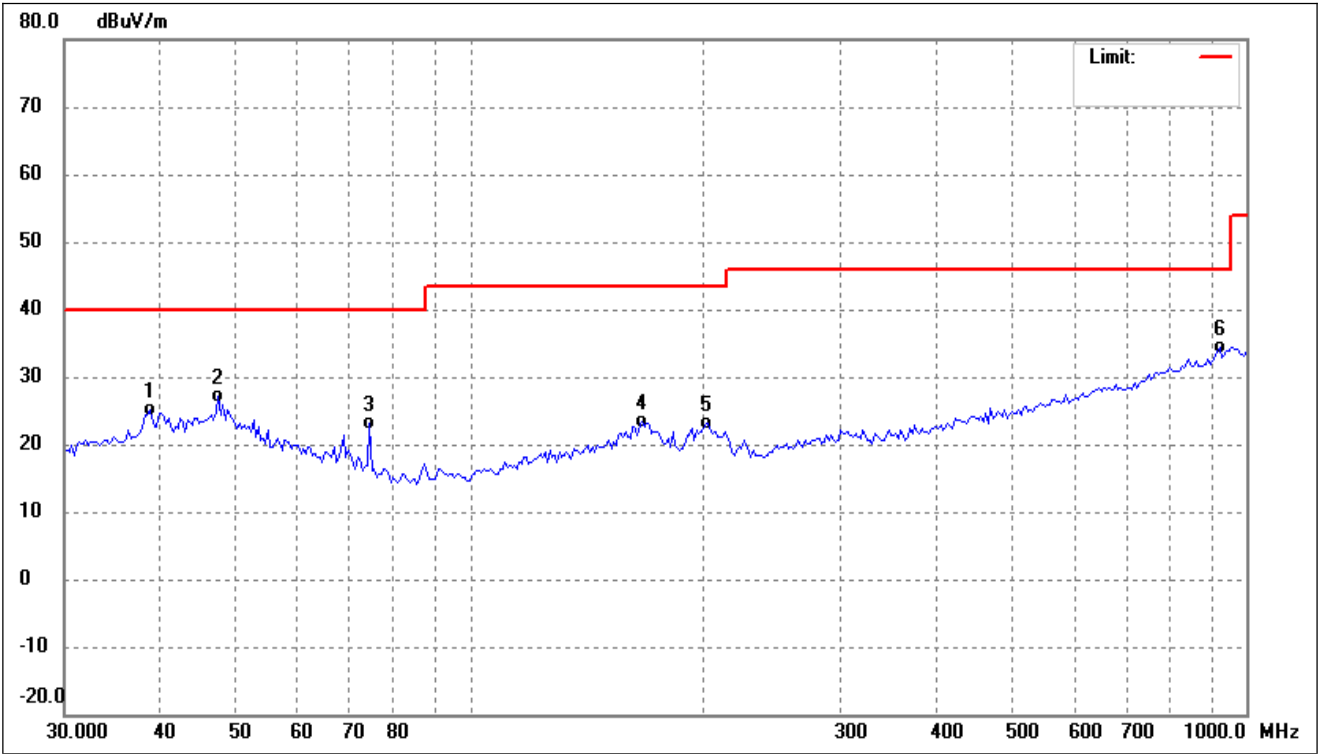
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.0965	33.62	-8.36	25.26	40.00	-14.74	-	-	QP
2	46.7077	33.05	-7.83	25.22	40.00	-14.78	-	-	QP
3	74.2696	34.69	-11.18	23.51	40.00	-16.49	-	-	QP
4	166.6385	32.00	-8.23	23.77	43.50	-19.73	-	-	QP
5	205.7458	35.10	-11.51	23.59	43.50	-19.91	-	-	QP
6	538.8106	31.14	-3.90	27.24	46.00	-18.76	-	-	QP

Test mode:	TM4	Polarity:	Horizontal
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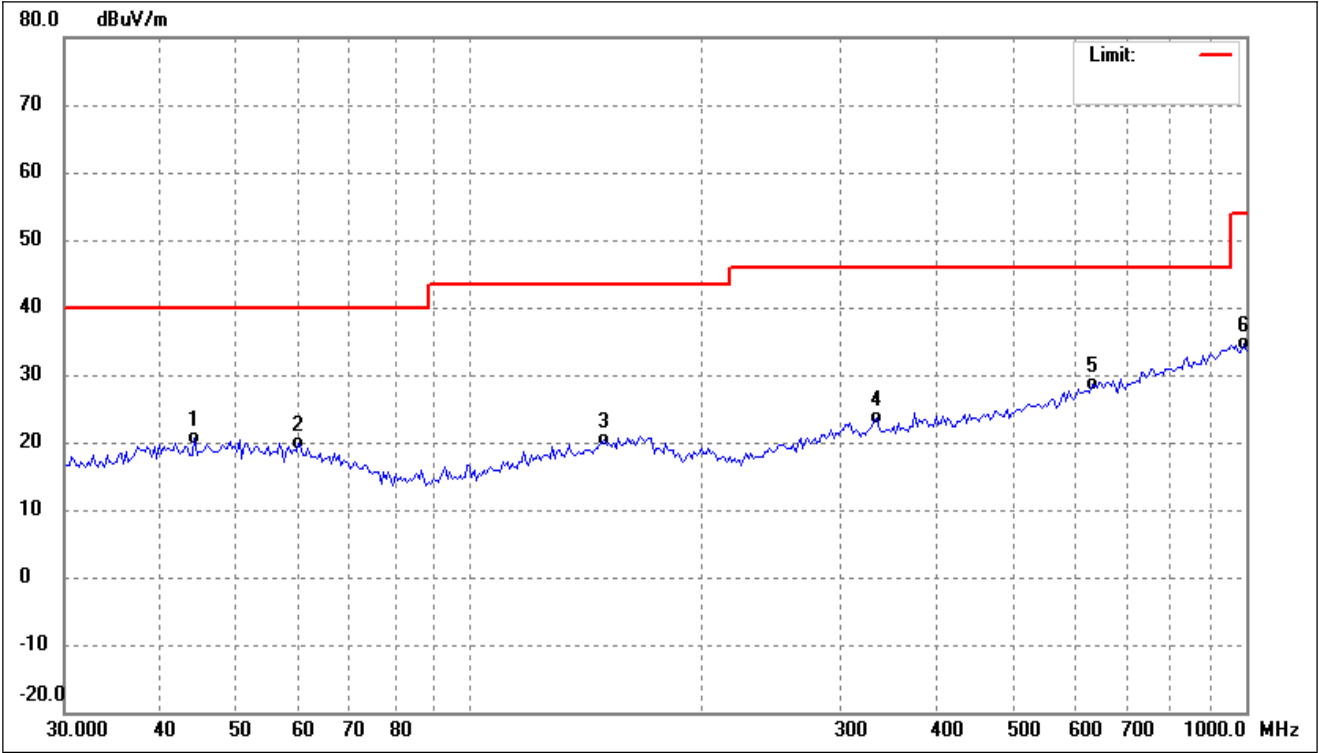
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.3651	27.67	-8.30	19.37	40.00	-20.63	-	-	QP
2	51.5365	27.67	-7.74	19.93	40.00	-20.07	-	-	QP
3	134.0194	28.87	-9.15	19.72	43.50	-23.78	-	-	QP
4	334.1255	30.81	-7.23	23.58	46.00	-22.42	-	-	QP
5	562.0143	29.53	-3.20	26.33	46.00	-19.67	-	-	QP
6	925.6132	30.52	2.72	33.24	46.00	-12.76	-	-	QP

Test mode:	TM4	Polarity:	Vertical
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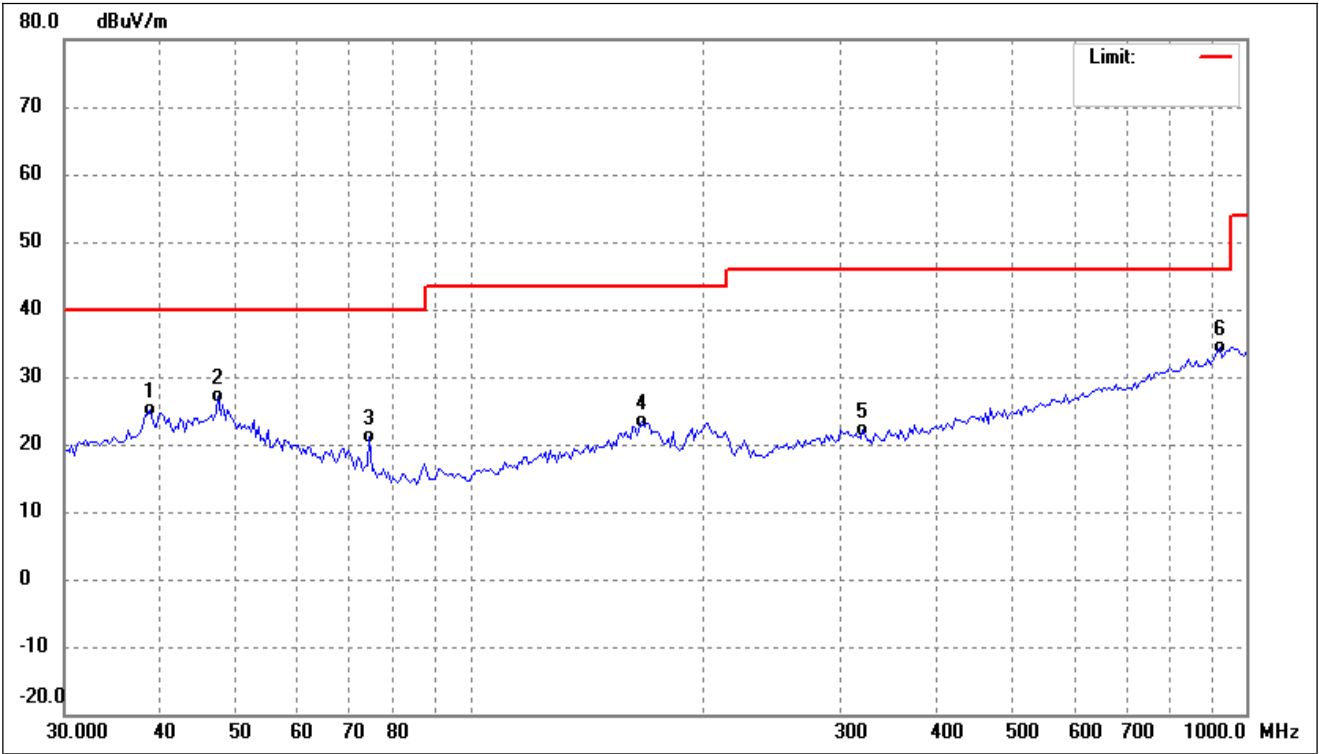
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.6357	33.26	-8.25	25.01	40.00	-14.99	-	-	QP
2	47.3688	34.85	-7.78	27.07	40.00	-12.93	-	-	QP
3	74.2696	34.36	-11.18	23.18	40.00	-16.82	-	-	QP
4	166.6385	31.73	-8.23	23.50	43.50	-20.00	-	-	QP
5	201.4539	34.62	-11.42	23.20	43.50	-20.30	-	-	QP
6	925.6132	31.54	2.72	34.26	46.00	-11.74	-	-	QP

Test mode:	TM5	Polarity:	Horizontal
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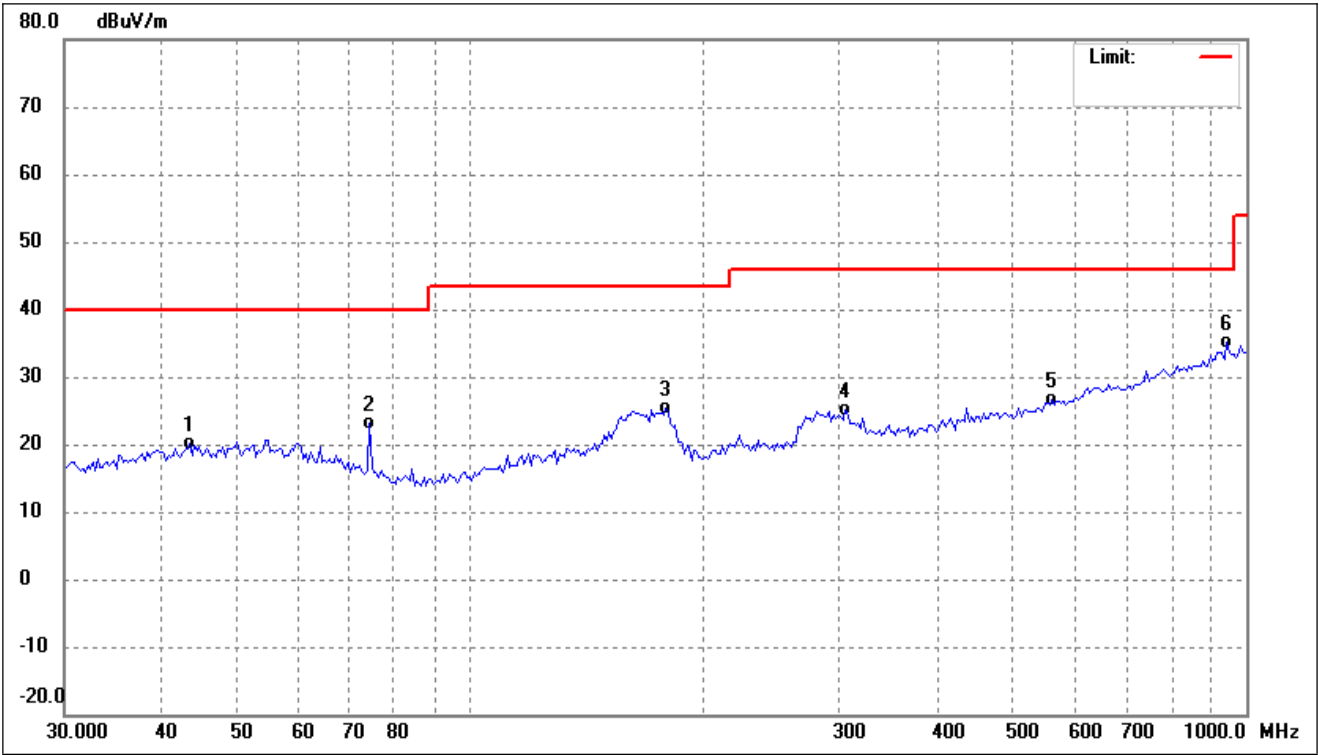
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	44.1542	28.51	-7.96	20.55	40.00	-19.45	-	-	QP
2	60.1527	28.26	-8.46	19.80	40.00	-20.20	-	-	QP
3	148.9173	28.43	-8.14	20.29	43.50	-23.21	-	-	QP
4	334.1254	30.81	-7.23	23.58	46.00	-22.42	-	-	QP
5	633.3283	30.37	-1.70	28.67	46.00	-17.33	-	-	QP
6	992.9972	31.15	3.48	34.63	54.00	-19.37	-	-	QP

Test mode:	TM5	Polarity:	Vertical
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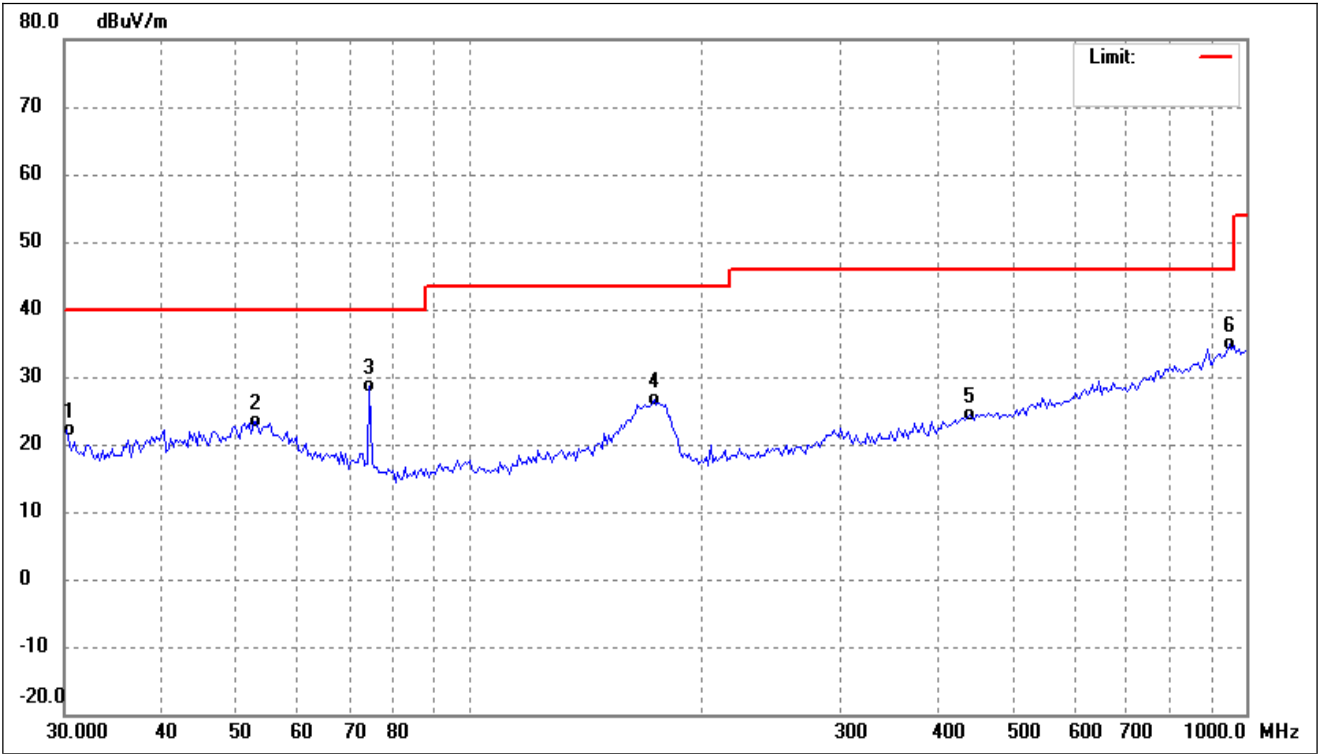
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.6355	33.26	-8.25	25.01	40.00	-14.99	-	-	QP
2	47.3686	34.85	-7.78	27.07	40.00	-12.93	-	-	QP
3	74.2694	32.36	-11.18	21.18	40.00	-18.82	-	-	QP
4	166.6383	31.73	-8.23	23.50	43.50	-20.00	-	-	QP
5	320.3306	29.55	-7.42	22.13	46.00	-23.87	-	-	QP
6	925.6131	31.54	2.72	34.26	46.00	-11.74	-	-	QP

Test mode:	TM6	Polarity:	Horizontal
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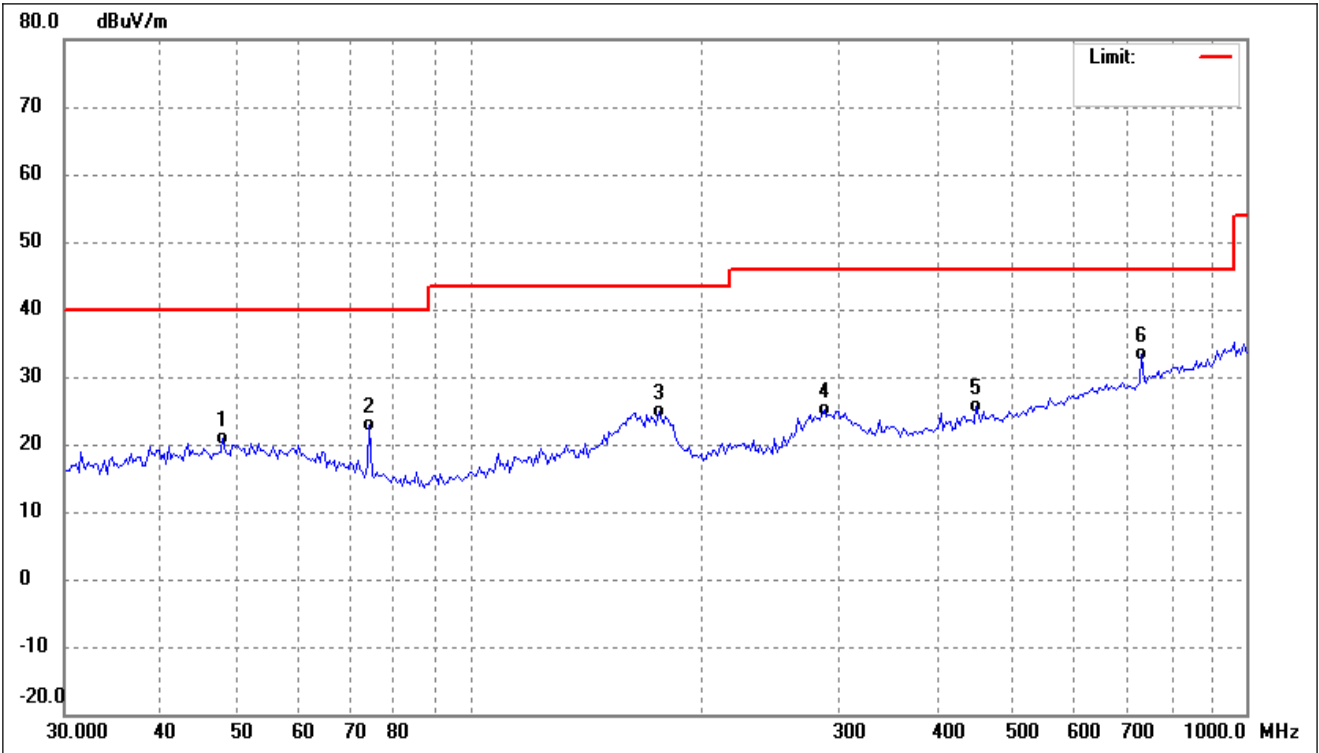
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.5380	28.19	-7.95	20.24	40.00	-19.76	-	-	QP
2	74.2696	34.19	-11.18	23.01	40.00	-16.99	-	-	QP
3	178.7697	34.92	-9.57	25.35	43.50	-18.15	-	-	QP
4	304.9548	32.97	-7.76	25.21	46.00	-20.79	-	-	QP
5	562.0143	29.95	-3.20	26.75	46.00	-19.25	-	-	QP
6	945.3336	31.92	3.19	35.11	46.00	-10.89	-	-	QP

Test mode:	TM6	Polarity:	Vertical
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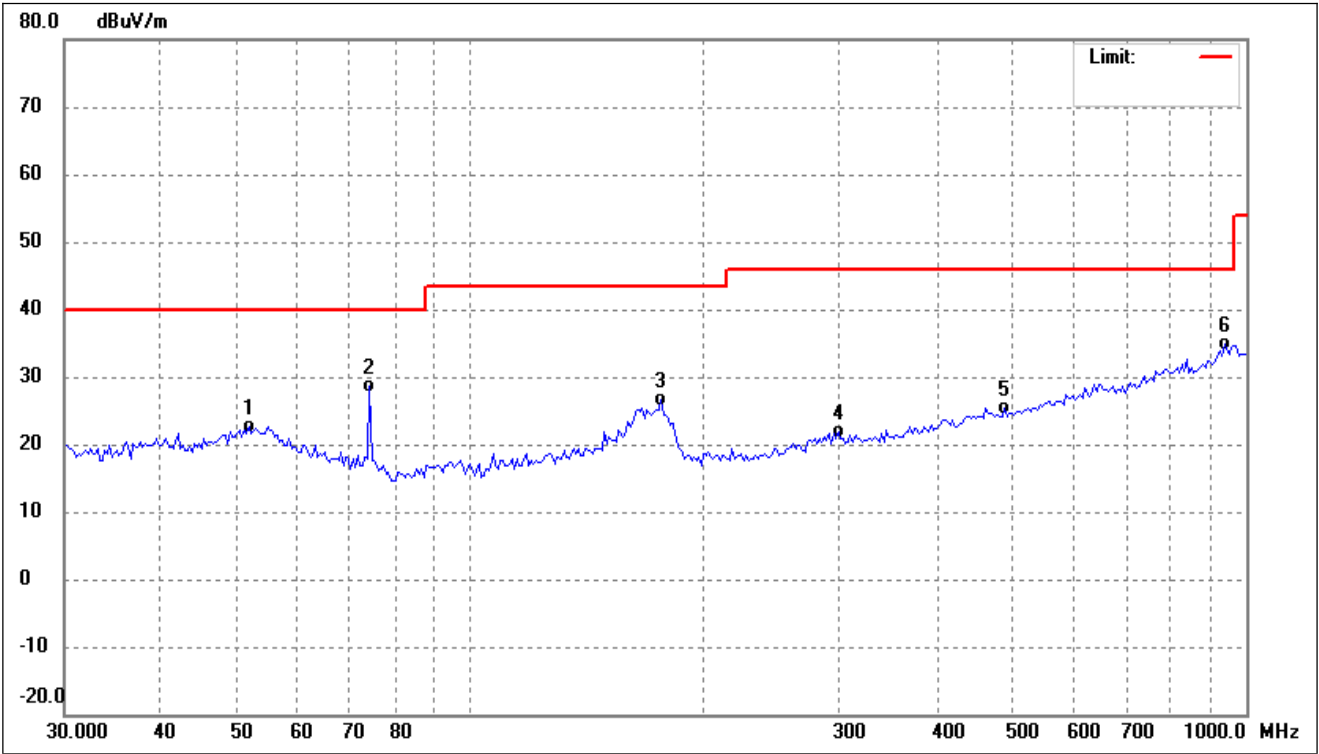
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	30.2116	31.74	-9.62	22.12	40.00	-17.88	-	-	QP
2	53.0056	31.26	-7.91	23.35	40.00	-16.65	-	-	QP
3	74.2696	39.90	-11.18	28.72	40.00	-11.28	-	-	QP
4	172.5976	35.36	-8.68	26.68	43.50	-16.82	-	-	QP
5	439.4730	29.75	-5.42	24.33	46.00	-21.67	-	-	QP
6	952.0001	31.49	3.31	34.80	46.00	-11.20	-	-	QP

Test mode:	TM7	Polarity:	Horizontal
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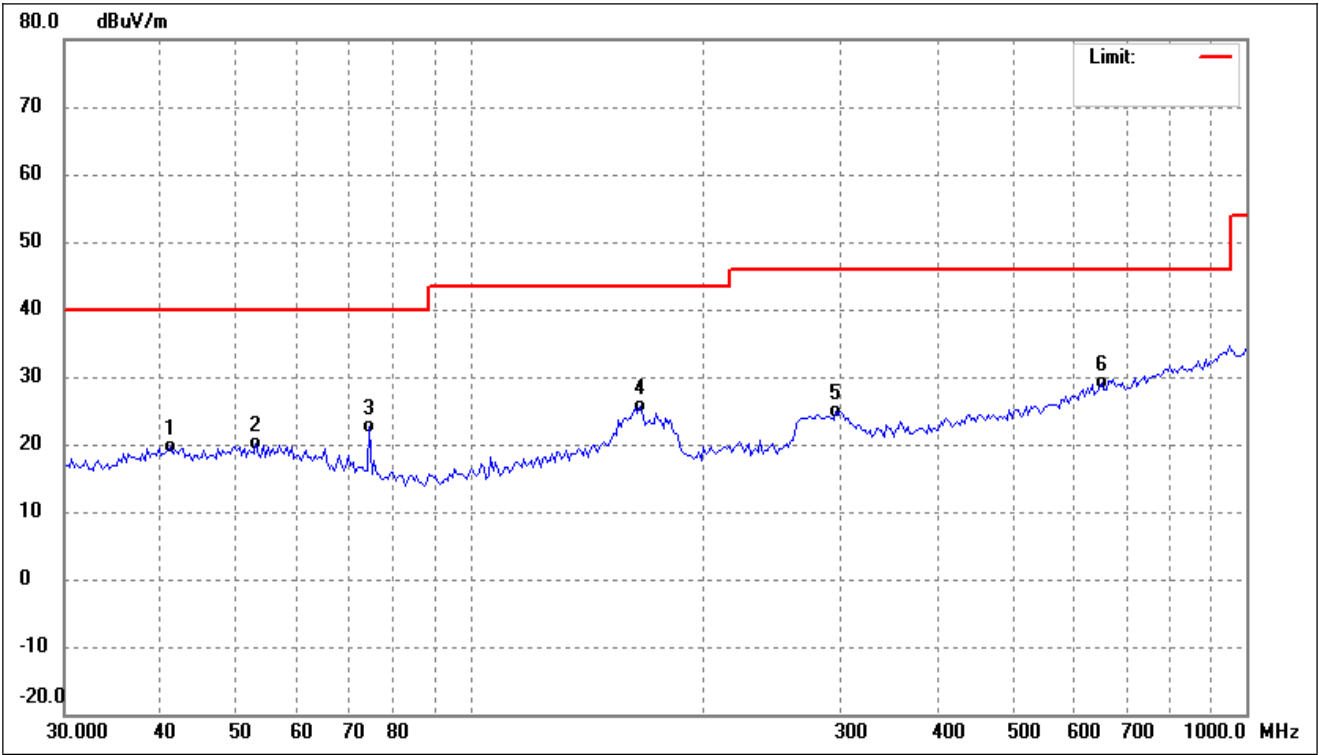
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	48.0392	28.59	-7.73	20.86	40.00	-19.14	-	-	QP
2	74.2696	34.03	-11.18	22.85	40.00	-17.15	-	-	QP
3	175.0404	33.90	-9.03	24.87	43.50	-18.63	-	-	QP
4	286.2653	33.35	-8.30	25.05	46.00	-20.95	-	-	QP
5	448.8361	30.73	-5.20	25.53	46.00	-20.47	-	-	QP
6	734.0373	33.63	-0.23	33.40	46.00	-12.60	-	-	QP

Test mode:	TM7	Polarity:	Vertical
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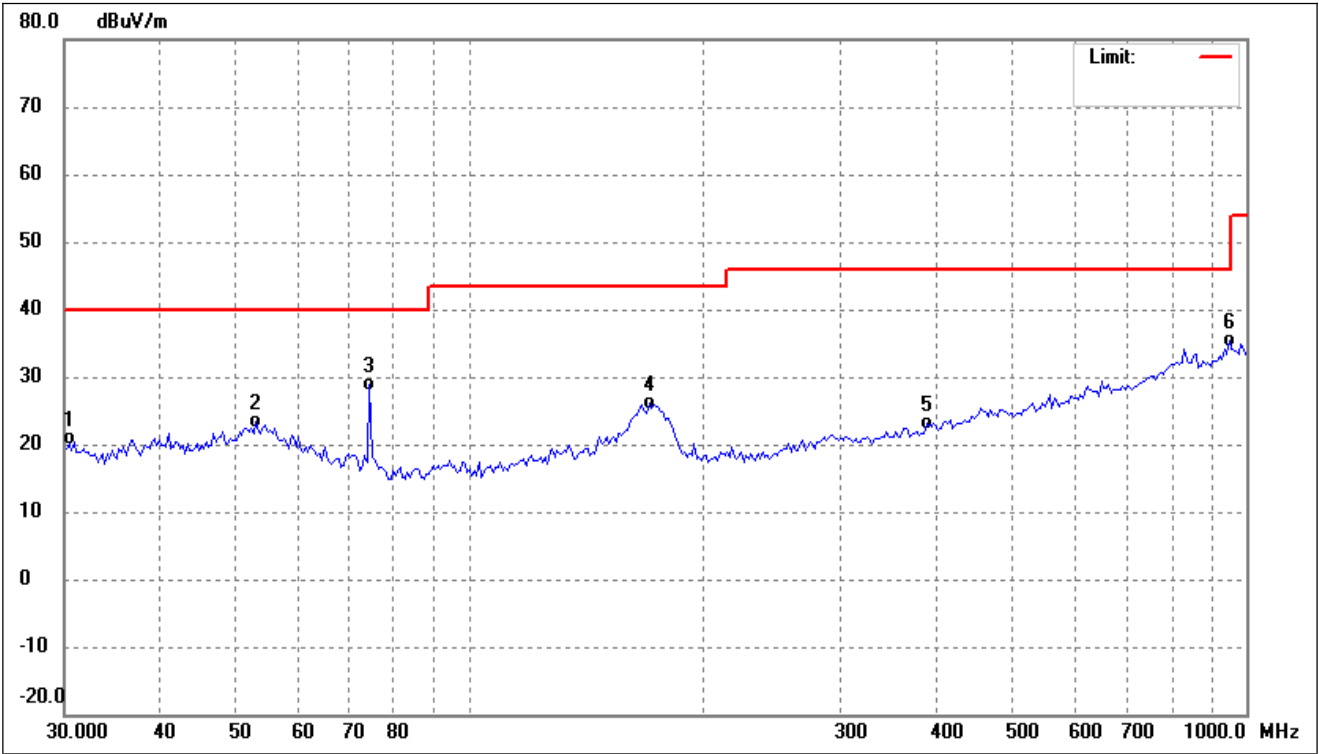
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	51.8998	30.43	-7.79	22.64	40.00	-17.36	-	-	QP
2	74.2696	39.74	-11.18	28.56	40.00	-11.44	-	-	QP
3	176.2748	35.78	-9.21	26.57	43.50	-16.93	-	-	QP
4	298.5932	29.73	-7.90	21.83	46.00	-24.17	-	-	QP
5	488.3263	30.38	-4.89	25.49	46.00	-20.51	-	-	QP
6	938.7139	31.79	3.03	34.82	46.00	-11.18	-	-	QP

Test mode:	TM8	Polarity:	Horizontal
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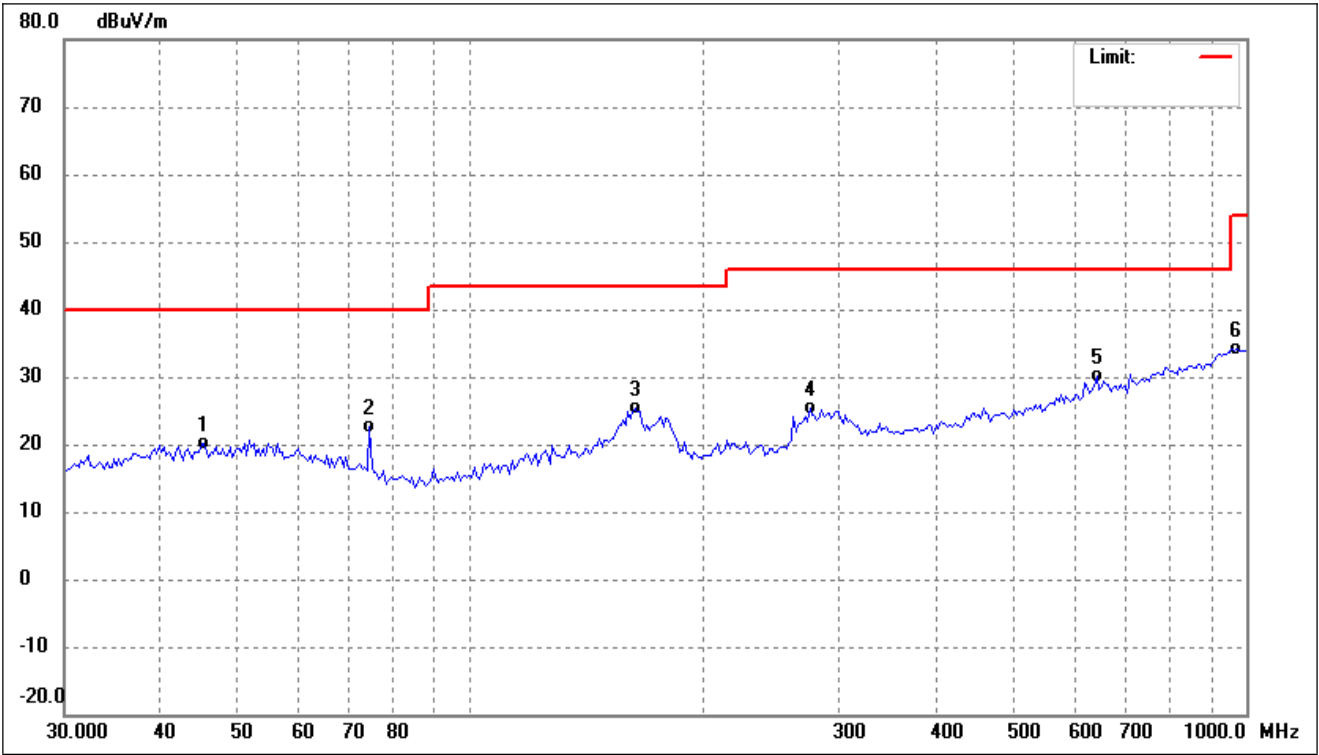
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	41.1581	27.48	-7.96	19.52	40.00	-20.48	-	-	QP
2	53.0056	27.96	-7.91	20.05	40.00	-19.95	-	-	QP
3	74.2696	33.73	-11.18	22.55	40.00	-17.45	-	-	QP
4	165.4716	33.71	-8.19	25.52	43.50	-17.98	-	-	QP
5	296.5023	32.93	-7.98	24.95	46.00	-21.05	-	-	QP
6	651.3831	30.60	-1.54	29.06	46.00	-16.94	-	-	QP

Test mode:	TM8	Polarity:	Vertical
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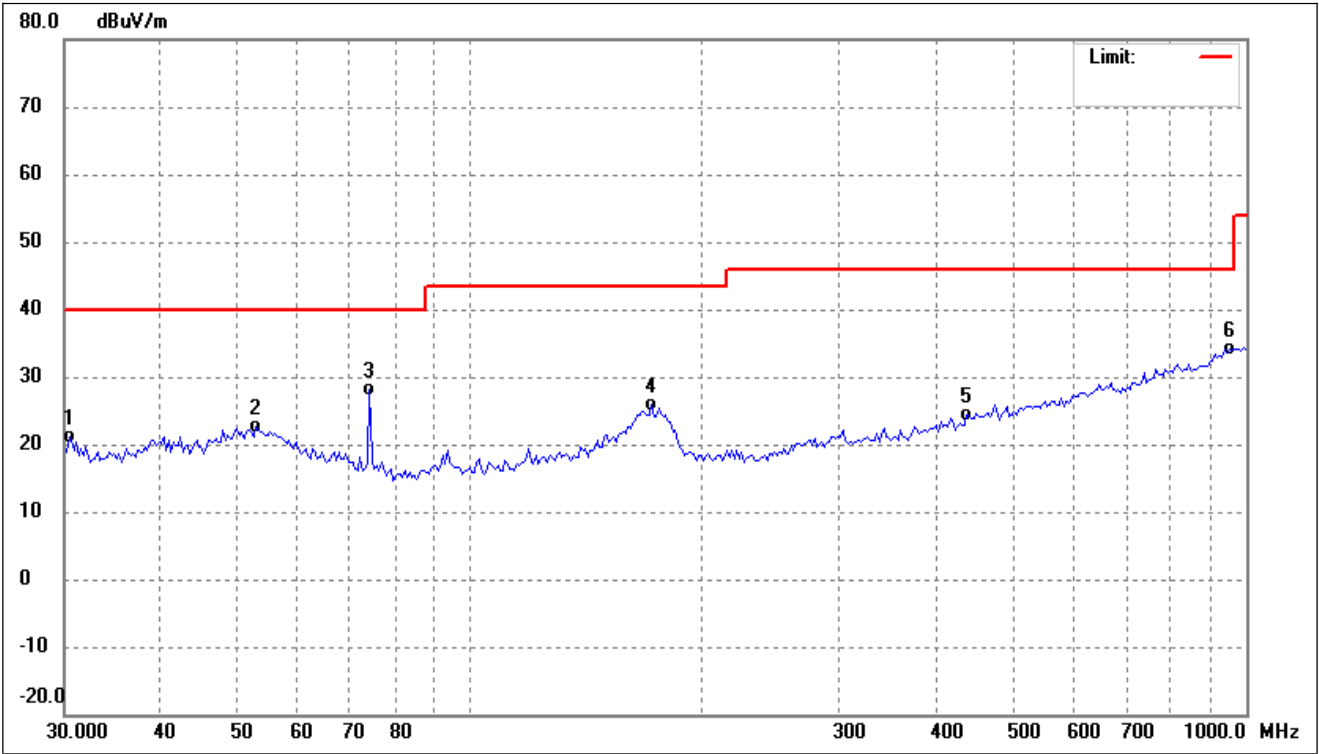
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	30.0000	30.42	-9.64	20.78	40.00	-19.22	-	-	QP
2	53.0056	31.25	-7.91	23.34	40.00	-16.66	-	-	QP
3	74.2696	39.95	-11.18	28.77	40.00	-11.23	-	-	QP
4	170.1888	34.51	-8.34	26.17	43.50	-17.33	-	-	QP
5	387.2565	29.61	-6.43	23.18	46.00	-22.82	-	-	QP
6	952.0001	31.95	3.31	35.26	46.00	-10.74	-	-	QP

Test mode:	TM9	Polarity:	Horizontal
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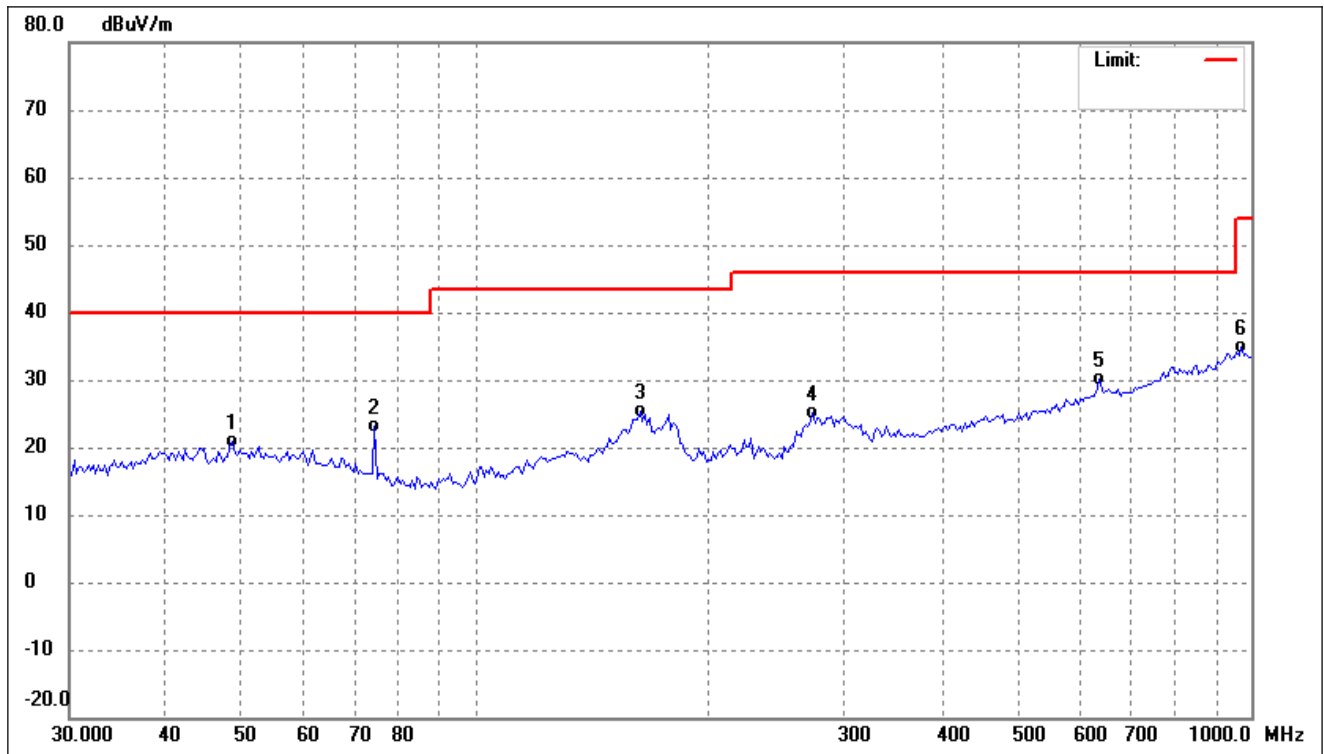
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	45.4130	28.11	-7.92	20.19	40.00	-19.81	-	-	QP
2	74.2696	33.76	-11.18	22.58	40.00	-17.42	-	-	QP
3	163.1623	33.52	-8.13	25.39	43.50	-18.11	-	-	QP
4	274.4464	34.12	-8.68	25.44	46.00	-20.56	-	-	QP
5	642.2923	31.71	-1.62	30.09	46.00	-15.91	-	-	QP
6	972.2827	30.66	3.39	34.05	54.00	-19.95	-	-	QP

Test mode:	TM9	Polarity:	Vertical
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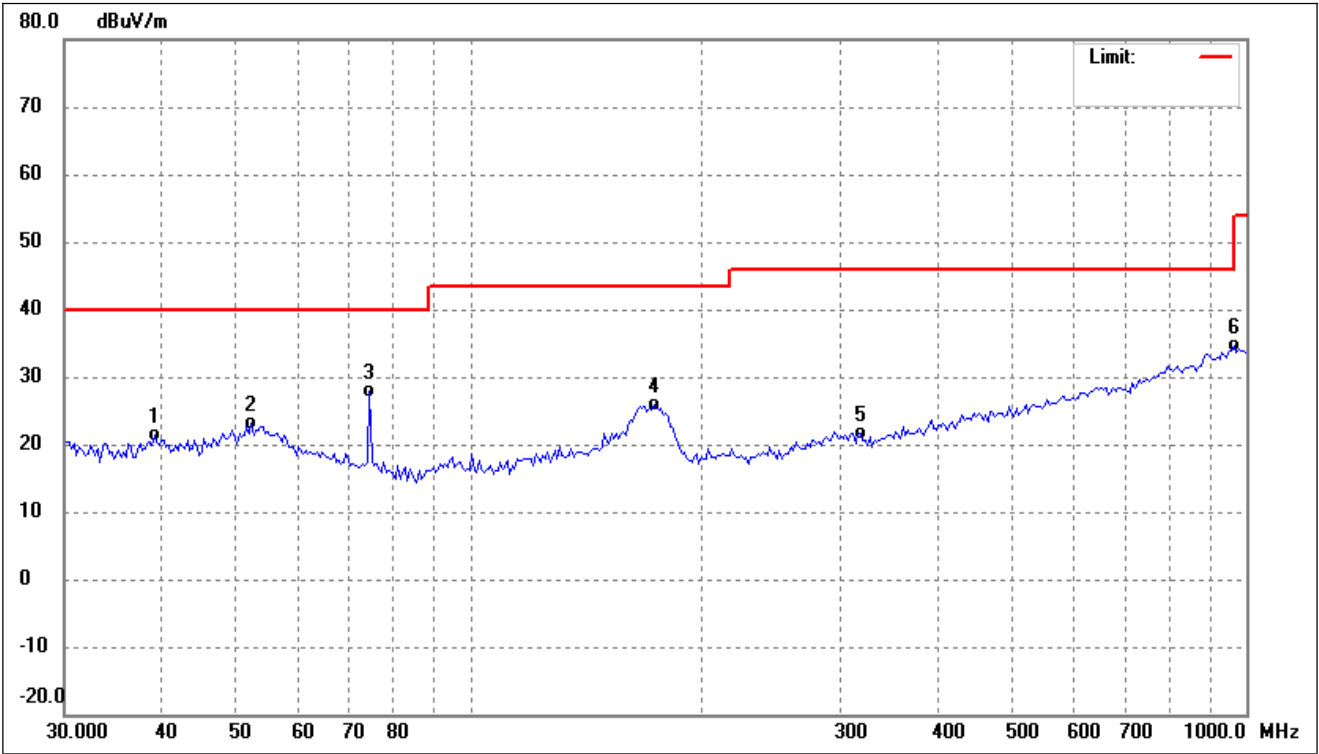
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	30.4246	30.74	-9.58	21.16	40.00	-18.84	-	-	QP
2	53.0056	30.54	-7.91	22.63	40.00	-17.37	-	-	QP
3	74.2696	39.26	-11.18	28.08	40.00	-11.92	-	-	QP
4	171.3890	34.41	-8.51	25.90	43.50	-17.60	-	-	QP
5	436.3956	29.90	-5.47	24.43	46.00	-21.57	-	-	QP
6	952.0001	30.79	3.31	34.10	46.00	-11.90	-	-	QP

Test mode:	TM10	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	48.7191	28.55	-7.68	20.87	40.00	-19.13	-	-	QP
2	74.2696	34.24	-11.18	23.06	40.00	-16.94	-	-	QP
3	163.1623	33.43	-8.13	25.30	43.50	-18.20	-	-	QP
4	272.5246	33.90	-8.76	25.14	46.00	-20.86	-	-	QP
5	637.7947	31.70	-1.67	30.03	46.00	-15.97	-	-	QP
6	972.2827	31.47	3.39	34.86	54.00	-19.14	-	-	QP

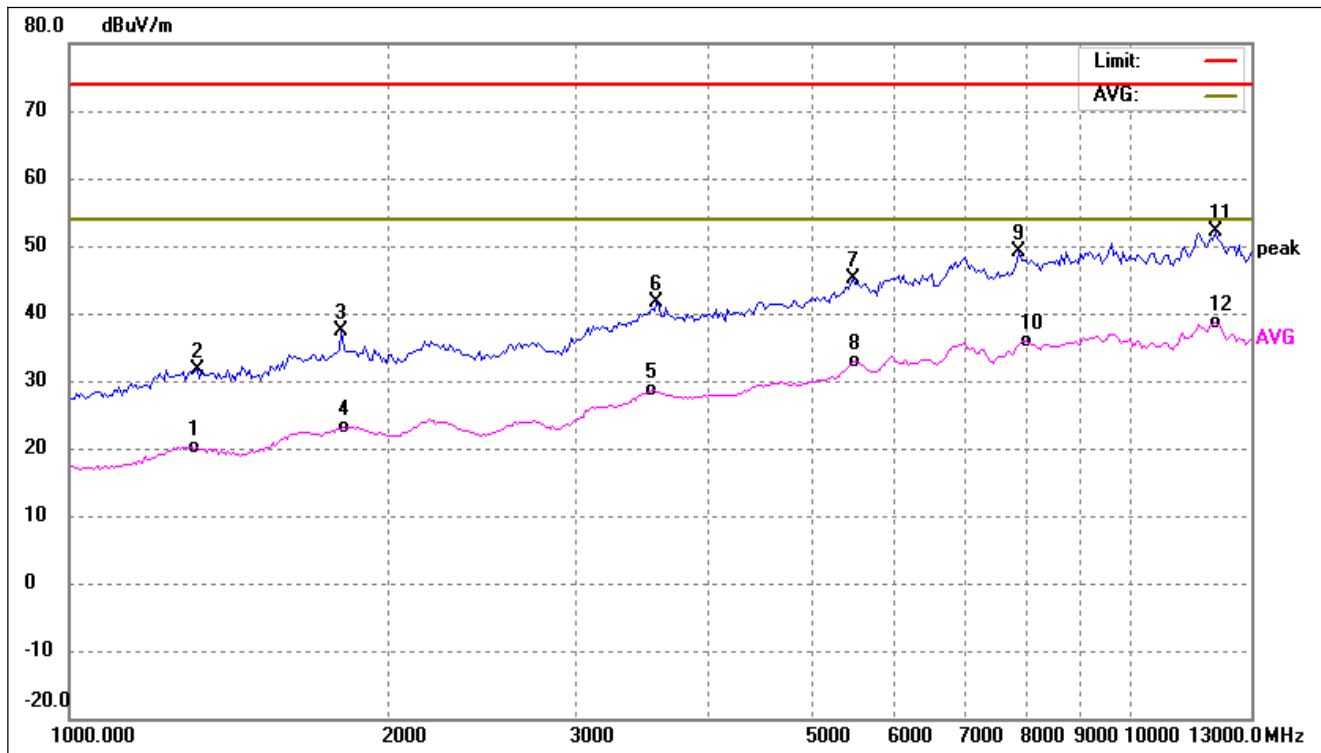
Test mode:	TM10	Polarity:	Vertical
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	39.1825	29.53	-8.12	21.41	40.00	-18.59	-	-	QP
2	52.2659	30.99	-7.83	23.16	40.00	-16.84	-	-	QP
3	74.2696	39.18	-11.18	28.00	40.00	-12.00	-	-	QP
4	172.5976	34.45	-8.68	25.77	43.50	-17.73	-	-	QP
5	318.0875	29.17	-7.47	21.70	46.00	-24.30	-	-	QP
6	965.4742	31.21	3.37	34.58	54.00	-19.42	-	-	QP

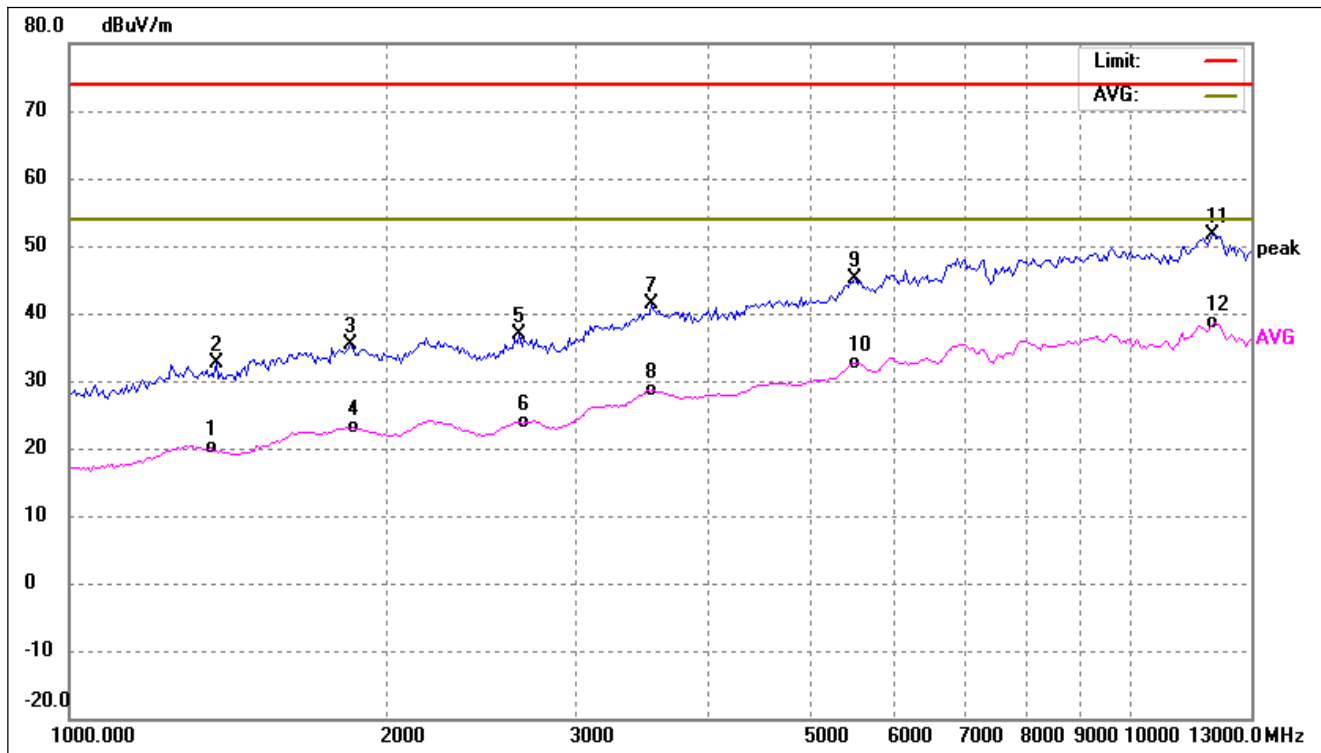
Above 1GHz

Test mode:	TM1	Polarity:	Horizontal
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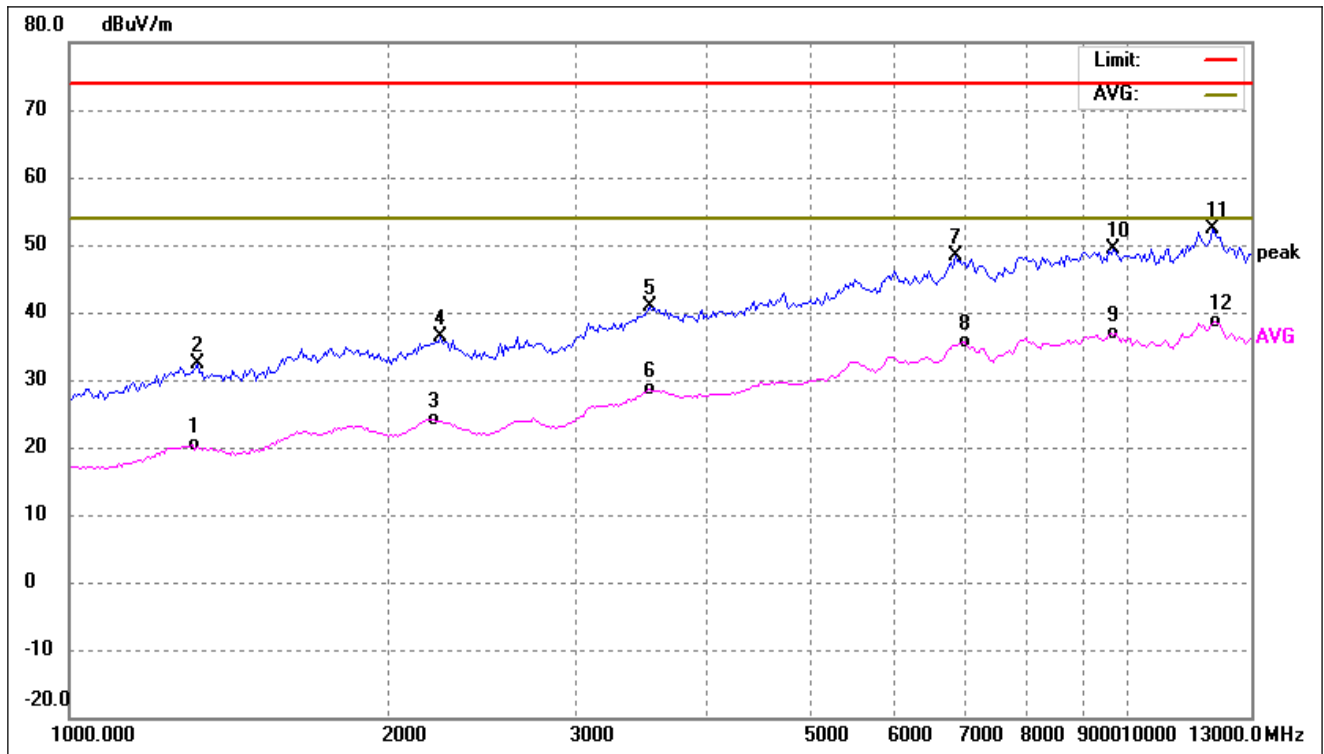
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	1306.418	43.63	-23.38	20.25	54.00	-33.75	-	-	AVG
2	1319.918	55.06	-23.34	31.72	74.00	-42.28	-	-	peak
3	1806.011	58.68	-21.31	37.37	74.00	-36.63	-	-	peak
4	1815.318	44.33	-21.28	23.05	54.00	-30.95	-	-	AVG
5	3541.265	43.42	-14.80	28.62	54.00	-25.38	-	-	AVG
6	3577.858	56.47	-14.85	41.62	74.00	-32.38	-	-	peak
7	5481.612	55.95	-10.87	45.08	74.00	-28.92	-	-	peak
8	5481.612	43.63	-10.87	32.76	54.00	-21.24	-	-	AVG
9	7855.483	56.28	-7.05	49.23	74.00	-24.77	-	-	peak
10	7977.558	42.59	-6.63	35.96	54.00	-18.04	-	-	AVG
11	12035.332	54.65	-2.55	52.10	74.00	-21.90	-	-	peak
12	12035.332	41.09	-2.55	38.54	54.00	-15.46	-	-	AVG

Test mode:	TM1	Polarity:	Vertical
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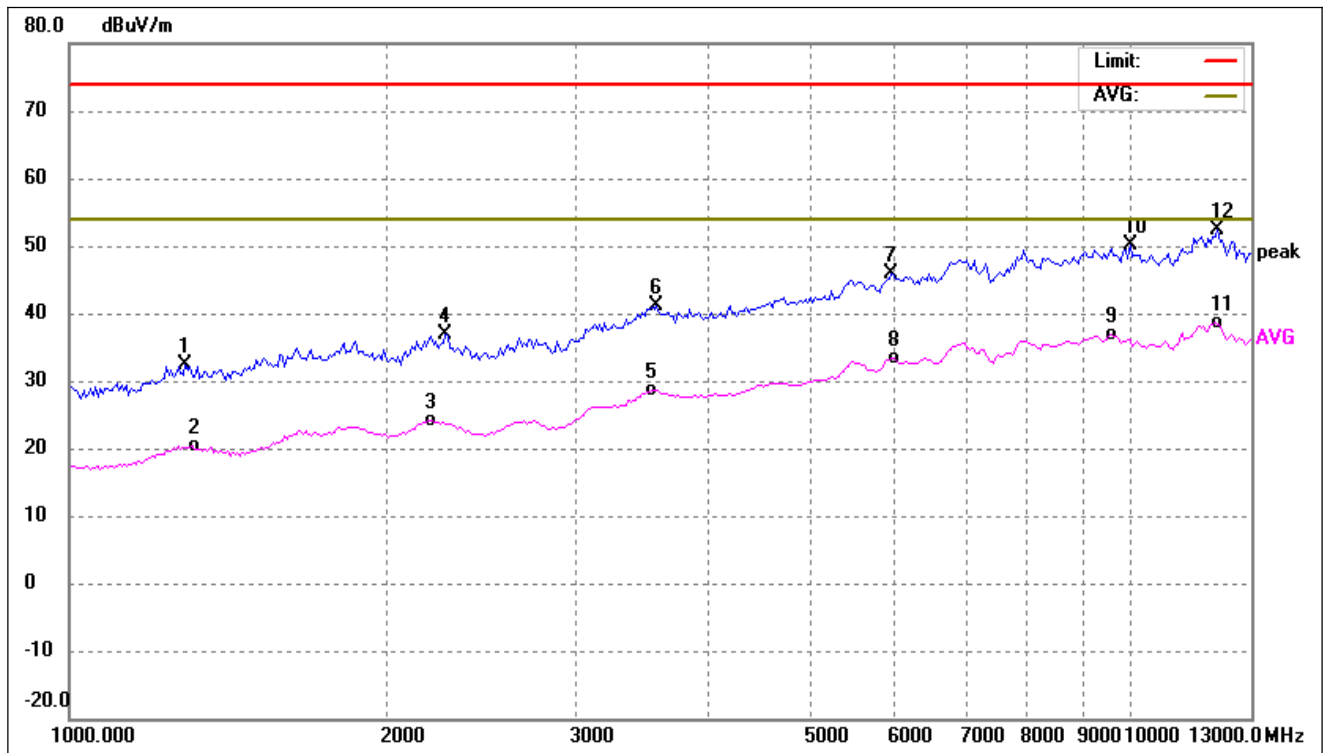
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	1361.260	43.33	-23.21	20.12	54.00	-33.88	-	-	AVG
2	1375.326	55.71	-23.16	32.55	74.00	-41.45	-	-	peak
3	1843.528	56.44	-21.13	35.31	74.00	-38.69	-	-	peak
4	1853.029	44.23	-21.09	23.14	54.00	-30.86	-	-	AVG
5	2655.503	55.81	-18.90	36.91	74.00	-37.09	-	-	peak
6	2696.769	42.79	-18.81	23.98	54.00	-30.02	-	-	AVG
7	3541.265	56.10	-14.80	41.30	74.00	-32.70	-	-	peak
8	3541.265	43.43	-14.80	28.63	54.00	-25.37	-	-	AVG
9	5509.861	56.00	-10.76	45.24	74.00	-28.76	-	-	peak
10	5509.861	43.43	-10.76	32.67	54.00	-21.33	-	-	AVG
11	11973.627	54.20	-2.47	51.73	74.00	-22.27	-	-	peak
12	12035.332	41.13	-2.55	38.58	54.00	-15.42	-	-	AVG

Test mode:	TM2	Polarity:	Horizontal
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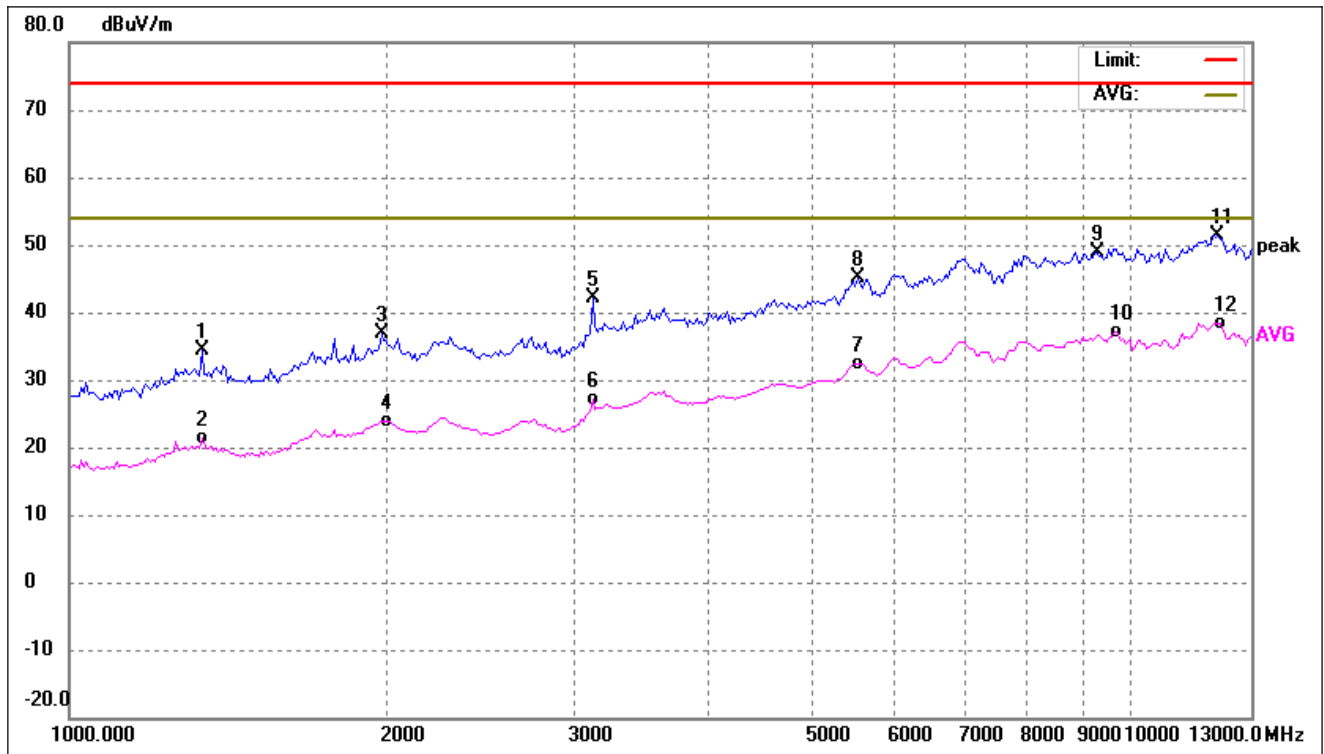
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	1306.418	43.79	-23.38	20.41	54.00	-33.59	-	-	AVG
2	1319.918	55.67	-23.34	32.33	74.00	-41.67	-	-	peak
3	2195.583	44.13	-19.93	24.20	54.00	-29.80	-	-	AVG
4	2241.193	56.22	-19.82	36.40	74.00	-37.60	-	-	peak
5	3523.109	55.64	-14.78	40.86	74.00	-33.14	-	-	peak
6	3523.109	43.31	-14.78	28.53	54.00	-25.47	-	-	AVG
7	6837.533	55.81	-7.48	48.33	74.00	-25.67	-	-	peak
8	6943.788	42.51	-6.99	35.52	54.00	-18.48	-	-	AVG
9	9599.191	42.29	-5.30	36.99	54.00	-17.01	-	-	AVG
10	9648.659	54.67	-5.32	49.35	74.00	-24.65	-	-	peak
11	11973.627	54.93	-2.47	52.46	74.00	-21.54	-	-	peak
12	12035.332	41.13	-2.55	38.58	54.00	-15.42	-	-	AVG

Test mode:	TM2	Polarity:	Vertical
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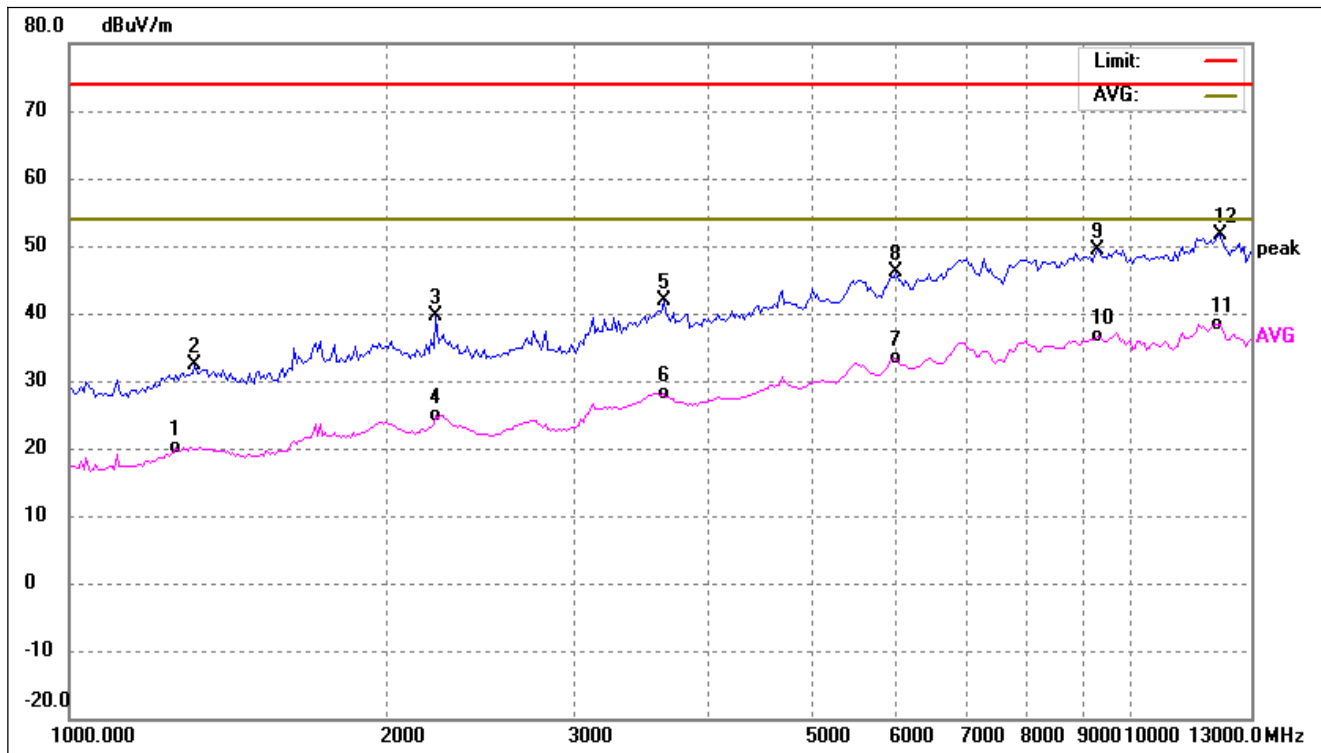
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	1286.427	55.89	-23.44	32.45	74.00	-41.55	-	-	peak
2	1306.418	43.85	-23.38	20.47	54.00	-33.53	-	-	AVG
3	2184.326	44.19	-19.95	24.24	54.00	-29.76	-	-	AVG
4	2264.352	56.55	-19.78	36.77	74.00	-37.23	-	-	peak
5	3541.265	43.39	-14.80	28.59	54.00	-25.41	-	-	AVG
6	3577.858	55.86	-14.85	41.01	74.00	-32.99	-	-	peak
7	5951.493	55.44	-9.68	45.76	74.00	-28.24	-	-	peak
8	5951.493	43.01	-9.68	33.33	54.00	-20.67	-	-	AVG
9	9599.191	42.24	-5.30	36.94	54.00	-17.06	-	-	AVG
10	10002.152	55.56	-5.40	50.16	74.00	-23.84	-	-	peak
11	12035.332	41.17	-2.55	38.62	54.00	-15.38	-	-	AVG
12	12097.355	55.11	-2.80	52.31	74.00	-21.69	-	-	peak

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	1333.557	57.78	-23.29	34.49	74.00	-39.51	-	-	peak
2	1333.557	44.61	-23.29	21.32	54.00	-32.68	-	-	AVG
3	1970.926	57.36	-20.50	36.86	74.00	-37.14	-	-	peak
4	1991.293	44.30	-20.40	23.90	54.00	-30.10	-	-	AVG
5	3114.223	59.56	-17.35	42.21	74.00	-31.79	-	-	peak
6	3114.223	44.56	-17.35	27.21	54.00	-26.79	-	-	AVG
7	5509.861	43.26	-10.76	32.50	54.00	-21.50	-	-	AVG
8	5538.256	55.83	-10.69	45.14	74.00	-28.86	-	-	peak
9	9307.660	54.64	-5.64	49.00	74.00	-25.00	-	-	peak
10	9698.383	42.41	-5.32	37.09	54.00	-16.91	-	-	AVG
11	12097.355	54.29	-2.80	51.49	74.00	-22.51	-	-	peak
12	12159.698	41.39	-3.03	38.36	54.00	-15.64	-	-	AVG

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	1260.247	43.71	-23.53	20.18	54.00	-33.82	-	-	AVG
2	1313.151	55.65	-23.36	32.29	74.00	-41.71	-	-	peak
3	2218.270	59.62	-19.88	39.74	74.00	-34.26	-	-	peak
4	2218.270	44.86	-19.88	24.98	54.00	-29.02	-	-	AVG
5	3633.458	56.88	-14.93	41.95	74.00	-32.05	-	-	peak
6	3633.458	43.13	-14.93	28.20	54.00	-25.80	-	-	AVG
7	5982.164	43.08	-9.62	33.46	54.00	-20.54	-	-	AVG
8	6012.992	55.81	-9.56	46.25	74.00	-27.75	-	-	peak
9	9307.660	55.04	-5.64	49.40	74.00	-24.60	-	-	peak
10	9307.660	42.39	-5.64	36.75	54.00	-17.25	-	-	AVG
11	12035.332	40.98	-2.55	38.43	54.00	-15.57	-	-	AVG
12	12159.698	54.77	-3.03	51.74	74.00	-22.26	-	-	peak

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 *****