TEST REPORT

Reference No.	:	WTX24X07166855W008
FCC ID	:	2BAHU2024021
Applicant	:	DIALN PRODUCTS INC
Address	:	2000 Walton Road, Saint Louis, Missouri 63114, United States
Manufacturer	:	The same as Applicant
Address	:	The same as Applicant
Product Name	:	Smart Phone
Model No.	:	X68
Standards	:	**FCC PART15 SUBPART B**
Date of Receipt sample	:	2024-07-16
Date of Test	:	2024-07-16 to 2024-08-01
Date of Issue	:	2024-08-02
Test Report Form No.	:	WTX_FCC PART15B_001
Test Result	:	**Pass**

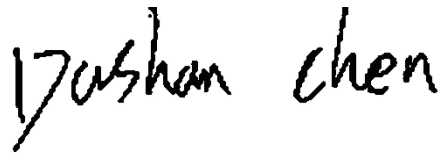
Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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:



Dashan Chen

Approved by:

Jason Su

TABLE OF CONTENTS

Report version

Version No.	Date of issue	Description
Rev.00	2024-08-02	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	Smart Phone
Trade Name:	DIALN
Model No.:	X68
Adding Model(s):	/
Note: The test data is gathered from a production sample, provided by the manufacturer.	

Technical Characteristics of EUT	
Rated Voltage:	USB DC5V/9V Battery DC3.87V
Battery Capacity:	5000mAh
Rated Power:	/
Power Adapter Model:	WS-D052 Input:AC100-220V 50/60Hz 0.5A Output:DC5.0V3A /9.0V2A
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	Camera On	DC3.87V
TM4	FM	Worst case FM 98MHz	DC3.87V
TM5	GPS	Receive 1575.42MHz	DC3.87V
TM6	GSM 850	RX mode(869~894MHz)	DC3.87V
TM7	WCDMA Band 5	RX mode(869~894MHz)	DC3.87V
TM8	LTE Band 5	RX mode(869~894MHz)	DC3.87V
TM9	LTE Band 12	RX mode(729~746MHz)	DC3.87V
TM10	LTE Band 13	RX mode(746~756MHz)	DC3.87V
TM11	LTE Band 17	RX mode(734~746MHz)	DC3.87V
TM12	LTE Band 71	RX mode(617~652MHz)	DC3.87V

EUT Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
USB Cable	0.95	Shielded	Without Ferrite	Without Chip

Special Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
Earphone Cable	1.0	Unshielded	Without Ferrite	Without Chip

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Notebook	Lenovo	TianYi 100-14IBD	PF0F4ABV

1.6 Measurement Uncertainty

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

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

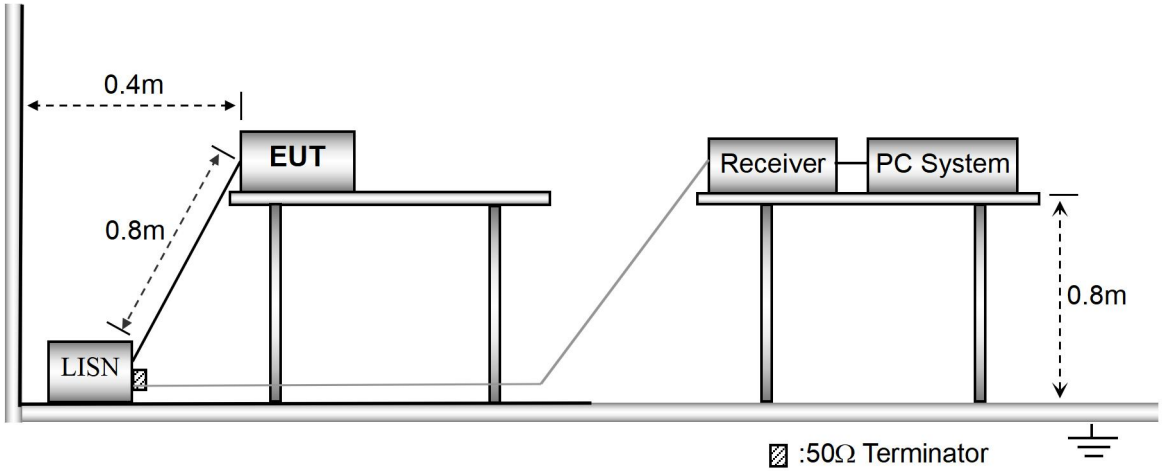
N/A: not applicable

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



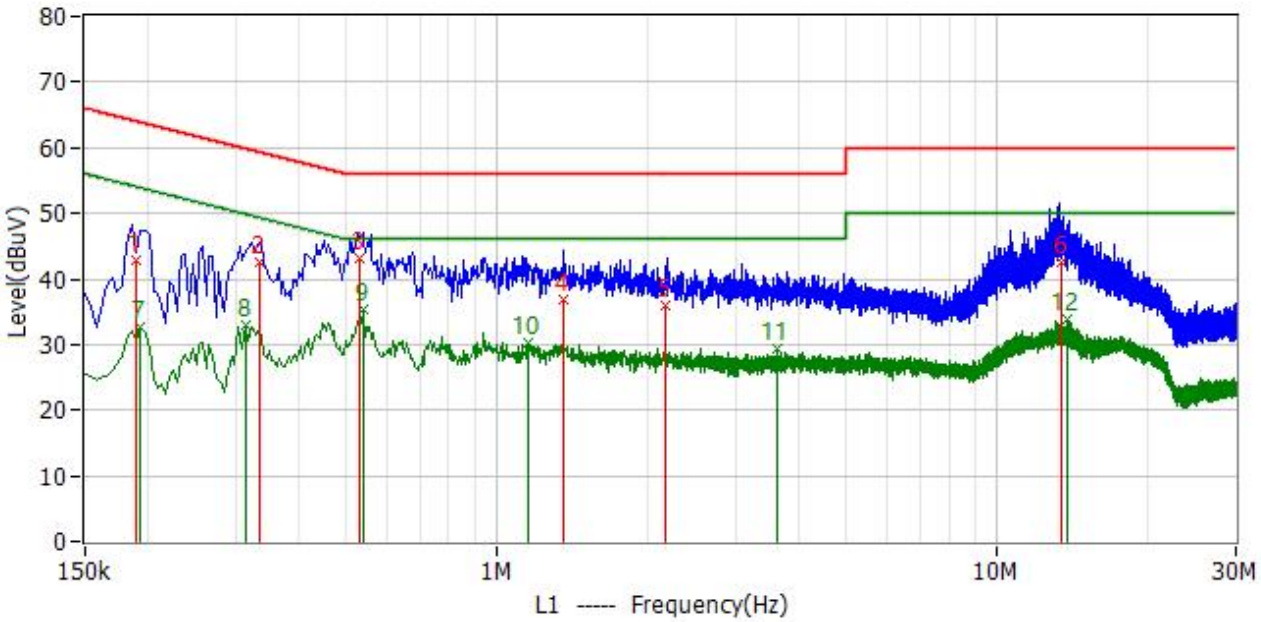
3.3 Environmental Conditions

Temperature:	25 °C
Relative Humidity:	45 %
ATM Pressure:	1014 mbar

3.4 Summary of Test Results

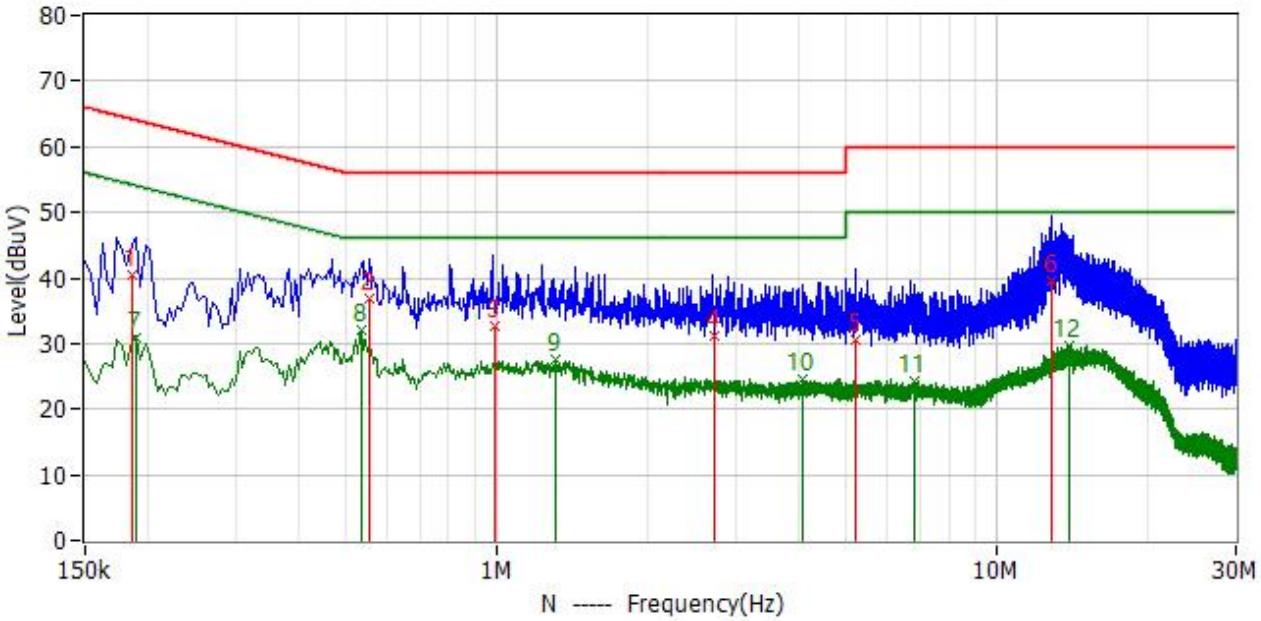
Please find the results below:

Test mode:	TM1	Polarity:	Line



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	190.000kHz	33.2	9.6	42.8	64.0	-21.2	QP
2	334.000kHz	32.9	9.6	42.5	59.4	-16.8	QP
3	530.000kHz	33.3	9.7	43.0	56.0	-13.0	QP
4	1.358MHz	27.4	9.6	37.0	56.0	-19.0	QP
5	2.178MHz	26.4	9.6	36.0	56.0	-20.0	QP
6	13.398MHz	32.6	9.8	42.4	60.0	-17.6	QP
7*	194.000kHz	23.1	9.6	32.7	53.9	-21.2	AV
8*	314.000kHz	23.3	9.6	32.9	49.9	-16.9	AV
9*	538.000kHz	25.7	9.7	35.4	46.0	-10.6	AV
10*	1.158MHz	20.7	9.6	30.3	46.0	-15.7	AV
11*	3.634MHz	19.7	9.6	29.3	46.0	-16.7	AV
12*	13.766MHz	24.1	9.8	33.9	50.0	-16.1	AV

Test mode:	TM1	Polarity:	Neutral



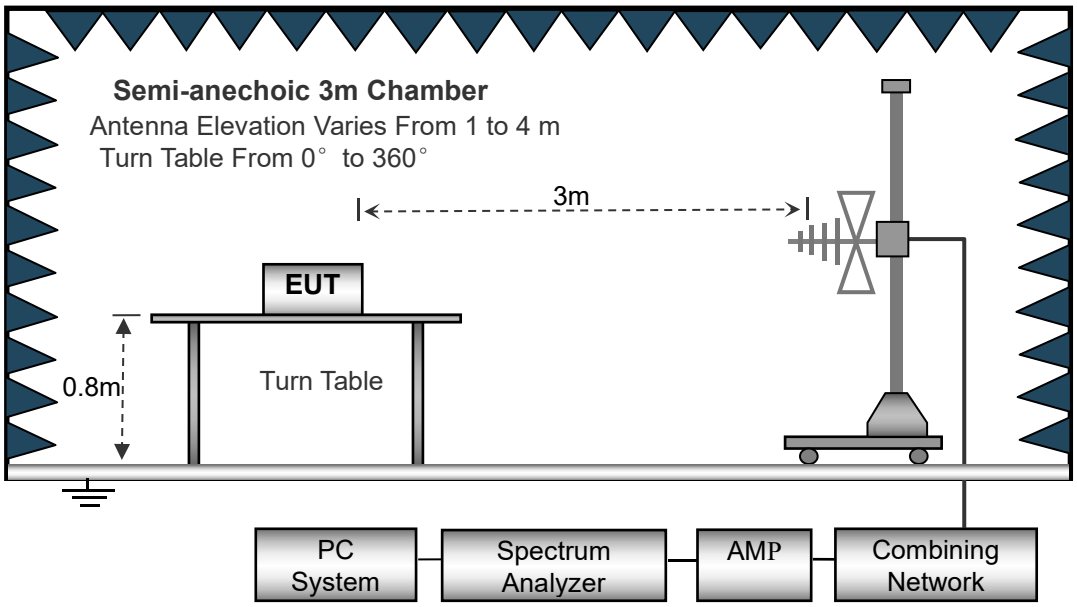
No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	186.000kHz	30.8	9.6	40.4	64.2	-23.9	QP
2	554.000kHz	27.3	9.7	37.0	56.0	-19.0	QP
3	990.000kHz	23.0	9.6	32.6	56.0	-23.4	QP
4	2.730MHz	21.6	9.6	31.2	56.0	-24.8	QP
5	5.194MHz	21.0	9.6	30.6	60.0	-29.4	QP
6	12.894MHz	29.9	9.8	39.7	60.0	-20.3	QP
7*	190.000kHz	21.4	9.6	31.0	54.0	-23.0	AV
8*	534.000kHz	22.4	9.7	32.1	46.0	-13.9	AV
9*	1.314MHz	17.9	9.6	27.5	46.0	-18.5	AV
10*	4.082MHz	15.1	9.6	24.7	46.0	-21.3	AV
11*	6.818MHz	14.5	9.7	24.2	50.0	-25.8	AV
12*	13.926MHz	20.0	9.8	29.8	50.0	-20.2	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:

Corr. Ampl. = Indicated Reading + Correct

Correct=Ant.Factor + Cable Loss - 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:

Margin = Corr. Ampl. – FCC Part 15.109(a) Limit

4.5 Environmental Conditions

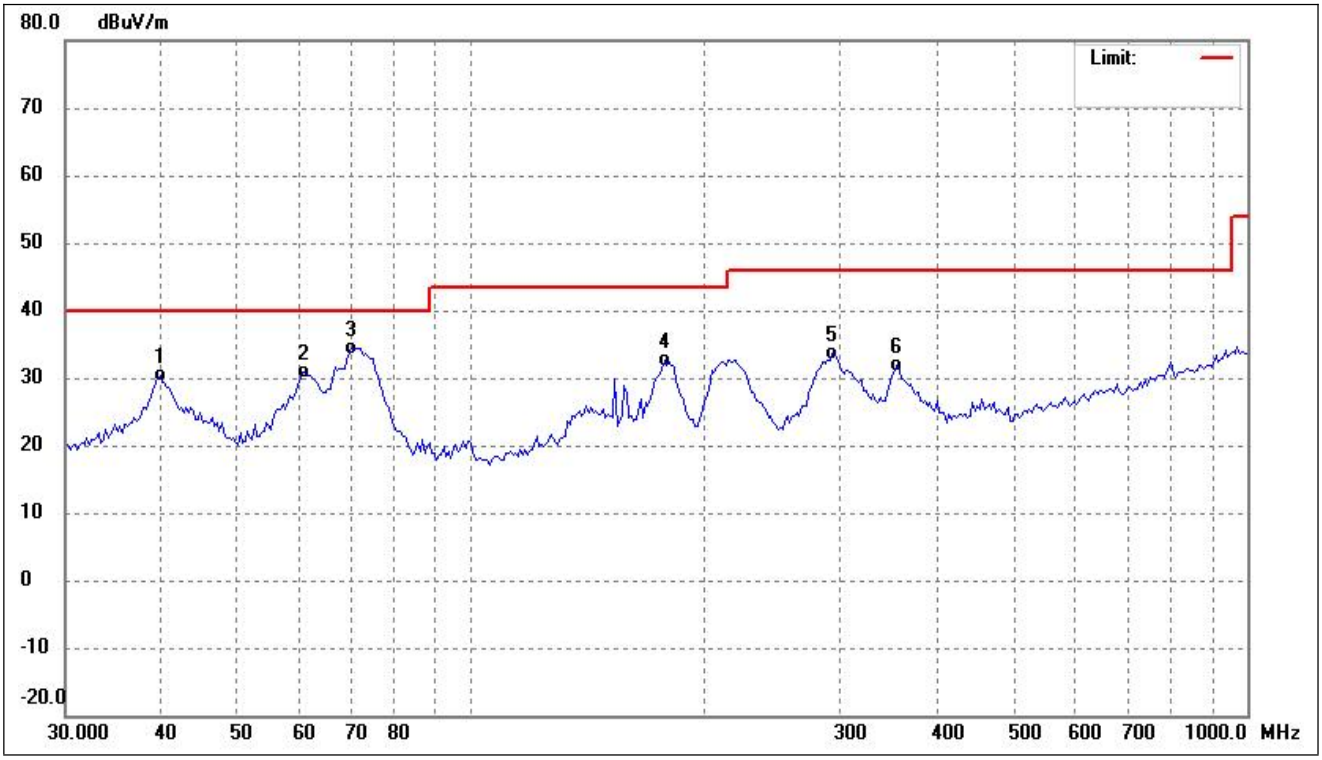
Temperature:	26.4°C
Relative Humidity:	52 %
ATM Pressure:	1011 mbar

4.6 Summary of Test Results

Please find the results below:

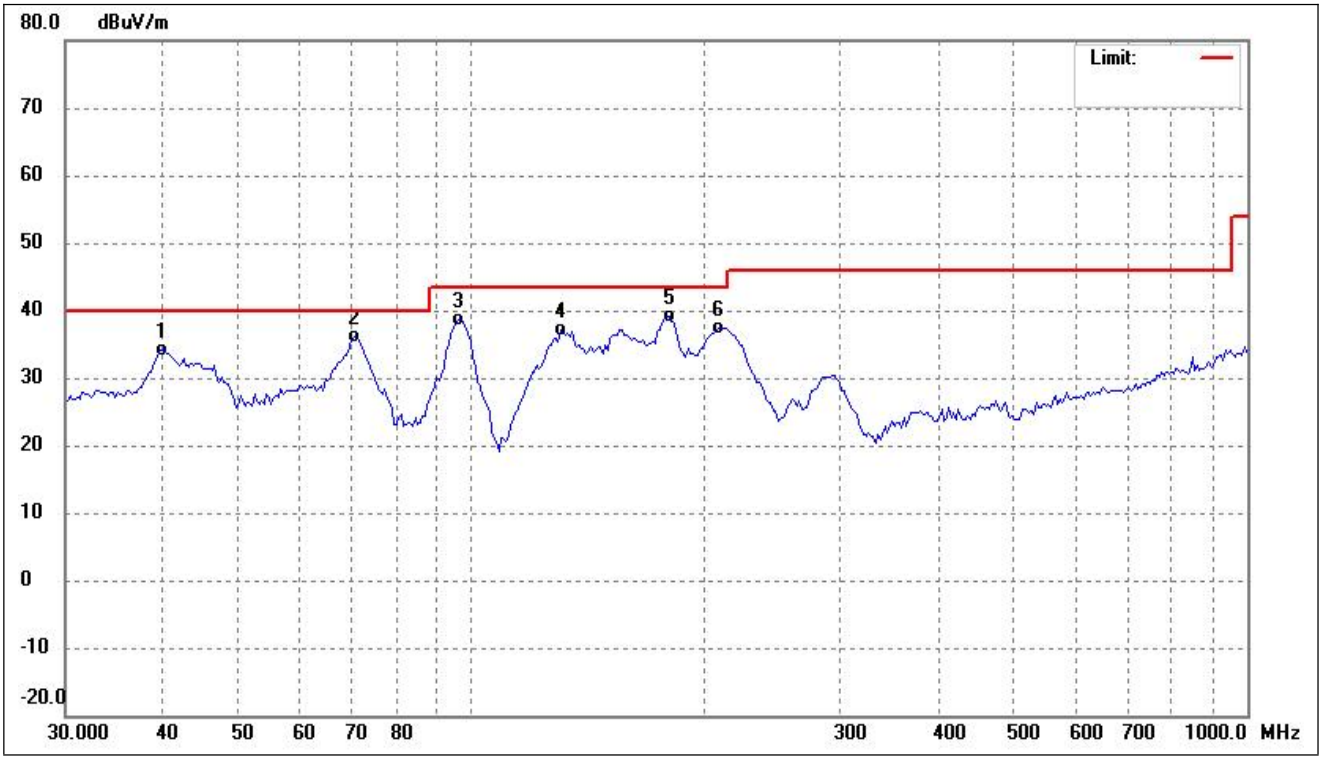
Below 1GHz

Test mode:	TM1	Polarity:	Horizontal



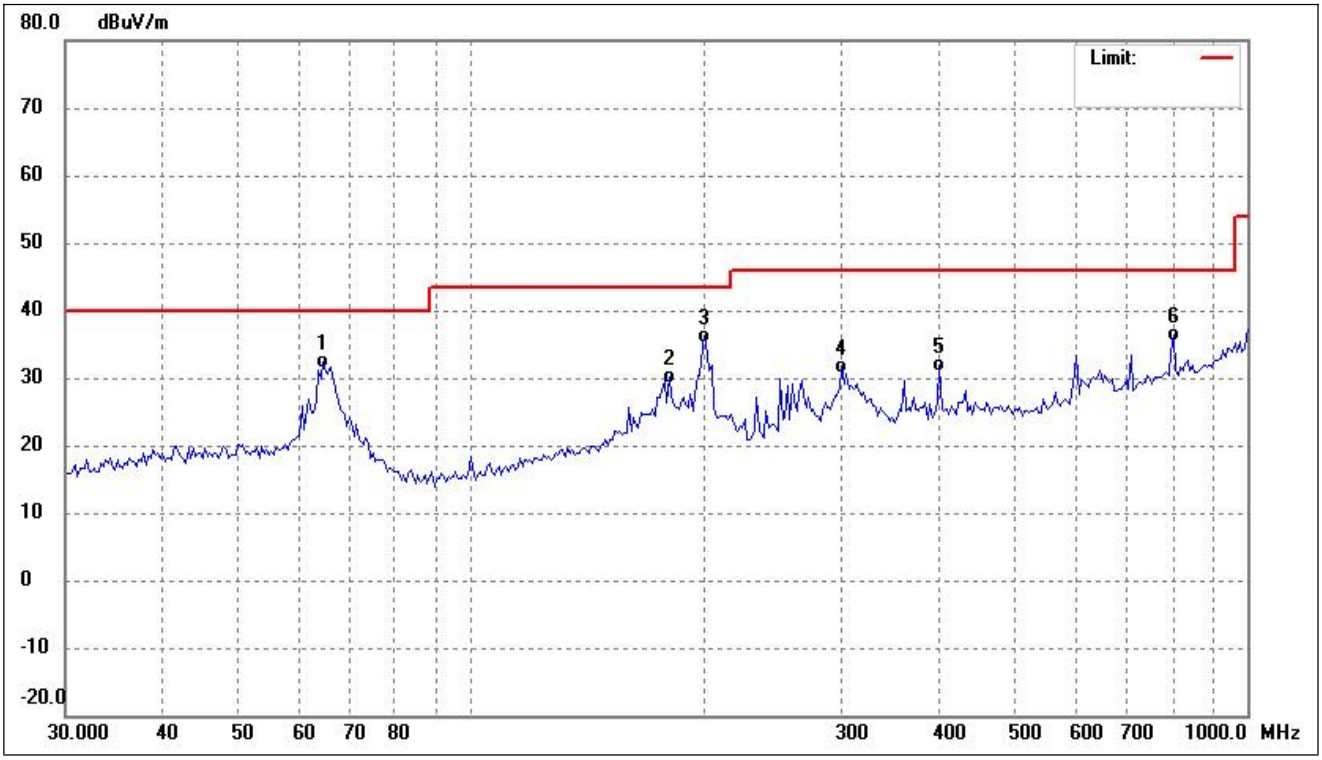
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	39.7371	38.40	-8.01	30.39	40.00	-9.61	-	-	QP
2	61.0041	39.52	-8.61	30.91	40.00	-9.09	-	-	QP
3	70.2096	44.79	-10.30	34.49	40.00	-5.51	-	-	QP
4	177.5179	41.94	-9.38	32.56	43.50	-10.94	-	-	QP
5	292.3643	41.85	-8.11	33.74	46.00	-12.26	-	-	QP
6	353.4471	39.00	-7.00	32.00	46.00	-14.00	-	-	QP

Test mode:	TM1	Polarity:	Vertical



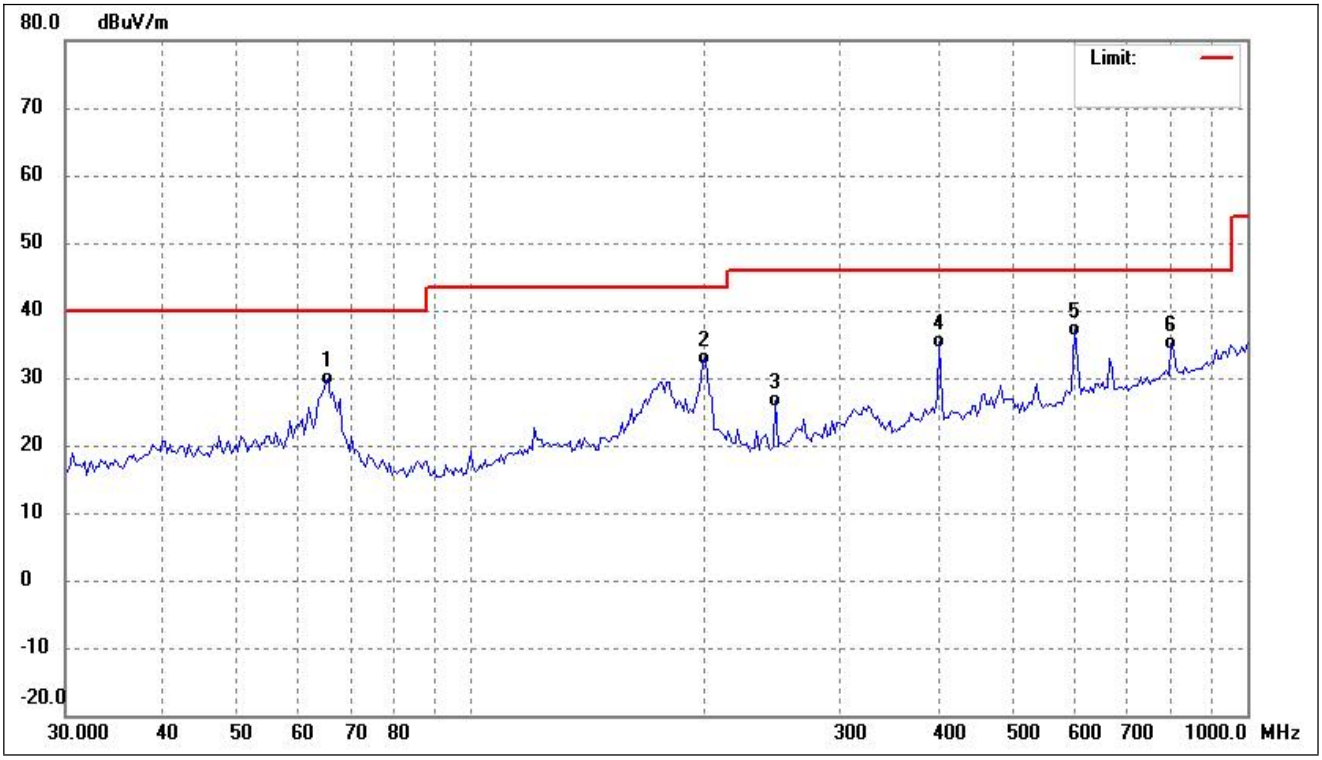
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0172	42.15	-7.95	34.20	40.00	-5.80	-	-	QP
2	70.7047	46.66	-10.41	36.25	40.00	-3.75	-	-	QP
3	96.3229	50.87	-12.21	38.66	43.50	-4.84	-	-	QP
4	130.3046	46.44	-9.31	37.13	43.50	-6.37	-	-	QP
5	180.0302	48.89	-9.74	39.15	43.50	-4.35	-	-	QP
6	208.6579	49.03	-11.58	37.45	43.50	-6.05	-	-	QP

Test mode:	TM2	Polarity:	Horizontal



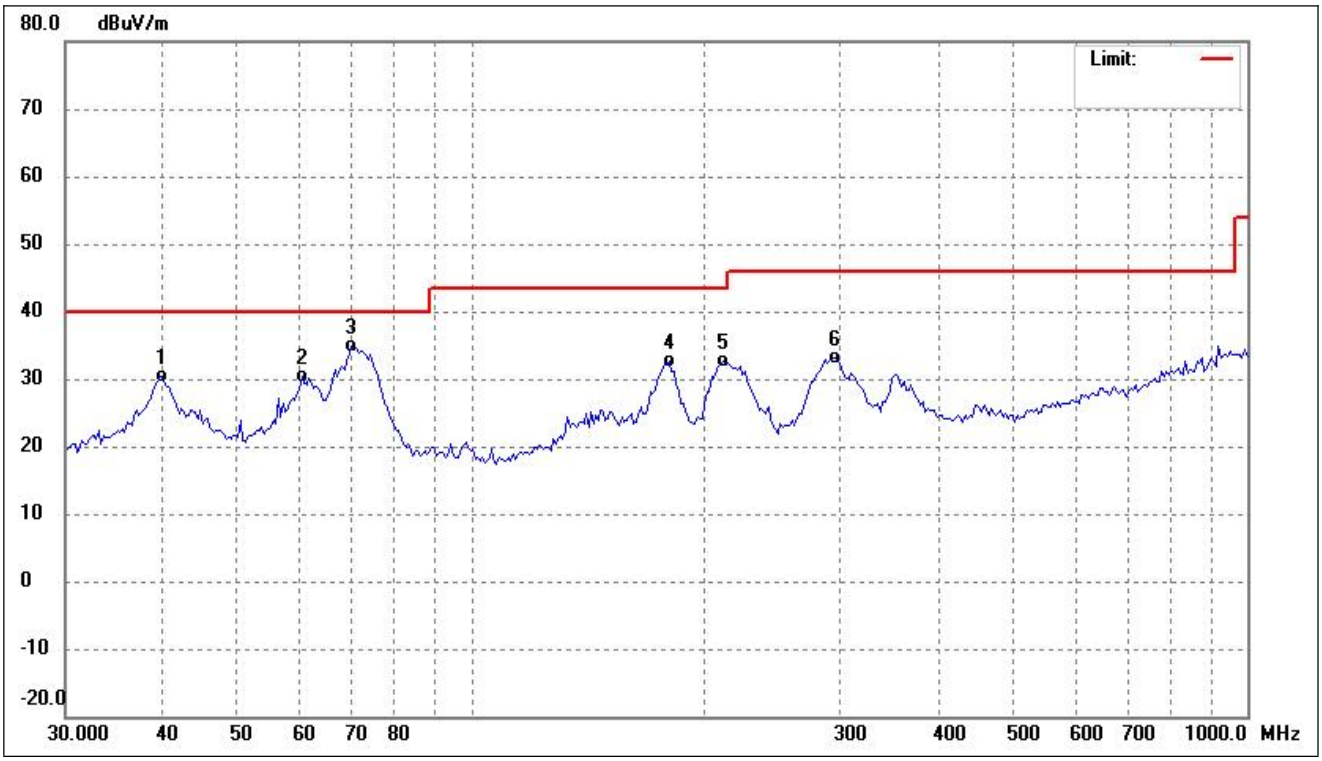
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	64.5319	41.76	-9.26	32.50	40.00	-7.50	-	-	QP
2	180.0304	39.99	-9.74	30.25	43.50	-13.25	-	-	QP
3	200.0432	47.53	-11.38	36.15	43.50	-7.35	-	-	QP
4	300.6988	39.60	-7.85	31.75	46.00	-14.25	-	-	QP
5	401.1050	38.08	-6.24	31.84	46.00	-14.16	-	-	QP
6	804.2523	35.39	1.05	36.44	46.00	-9.56	-	-	QP

Test mode:	TM2	Polarity:	Vertical



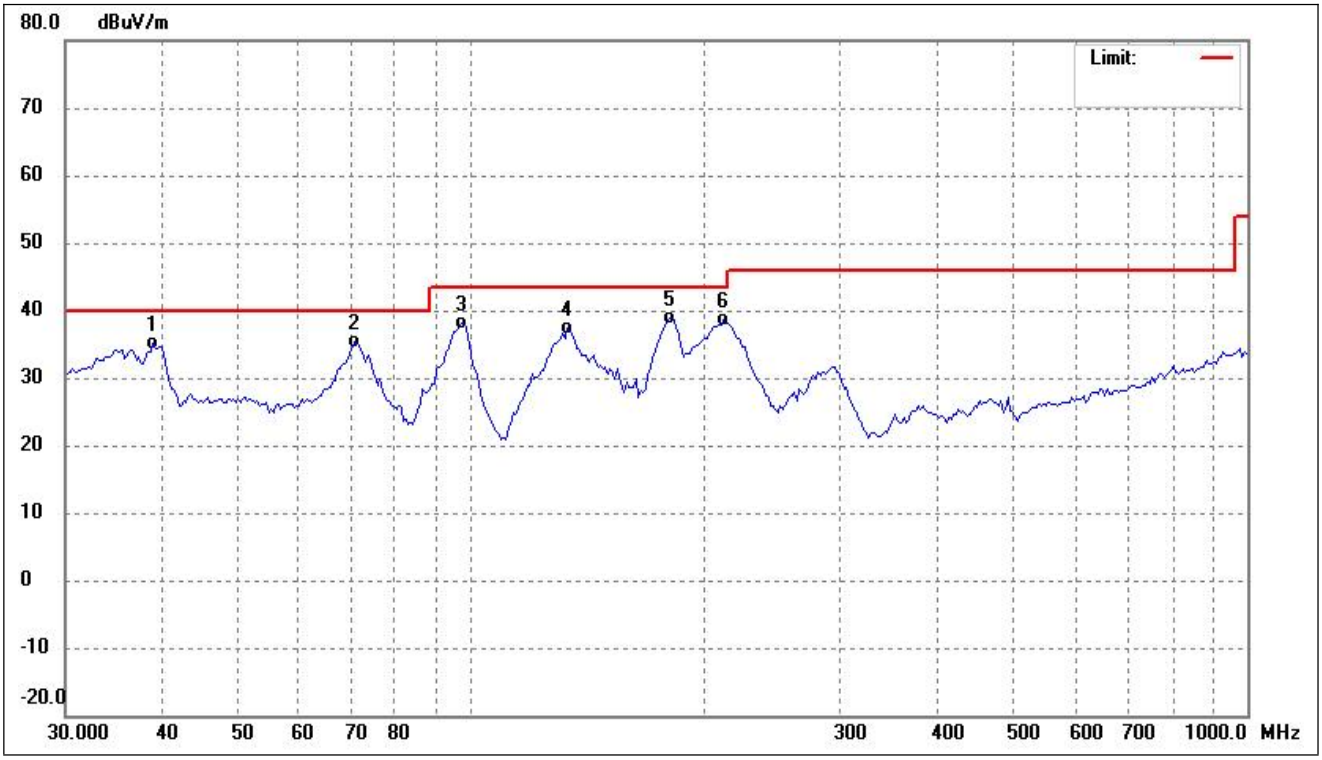
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	65.4452	39.35	-9.42	29.93	40.00	-10.07	-	-	QP
2	200.0432	44.34	-11.38	32.96	43.50	-10.54	-	-	QP
3	246.9901	36.37	-9.80	26.57	46.00	-19.43	-	-	QP
4	401.1050	41.73	-6.24	35.49	46.00	-10.51	-	-	QP
5	598.7067	39.31	-2.28	37.03	46.00	-8.97	-	-	QP
6	798.6205	34.03	0.98	35.01	46.00	-10.99	-	-	QP

Test mode:	TM3	Polarity:	Horizontal



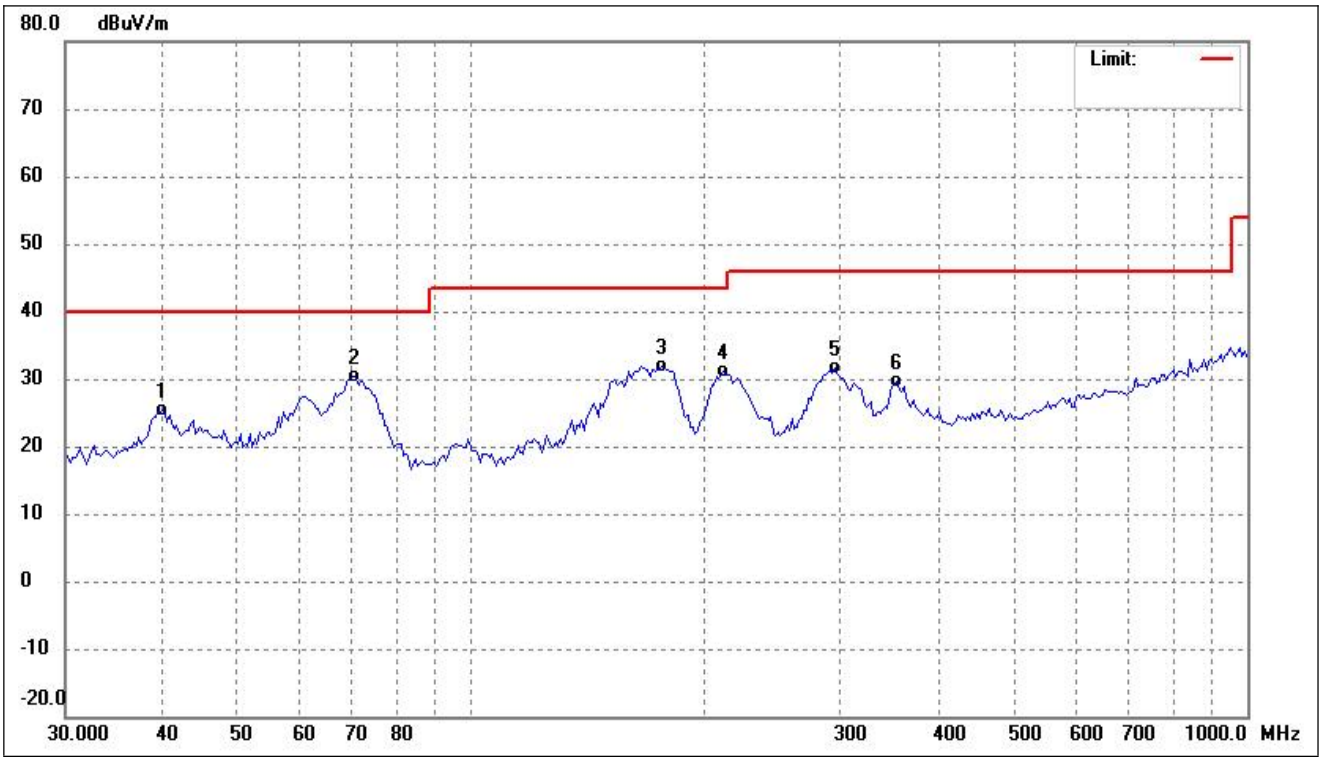
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0173	38.30	-7.95	30.35	40.00	-9.65	-	-	QP
2	60.5769	39.00	-8.54	30.46	40.00	-9.54	-	-	QP
3	70.2096	45.25	-10.30	34.95	40.00	-5.05	-	-	QP
4	180.0304	42.34	-9.74	32.60	43.50	-10.90	-	-	QP
5	211.6112	44.27	-11.59	32.68	43.50	-10.82	-	-	QP
6	294.4260	41.17	-8.04	33.13	46.00	-12.87	-	-	QP

Test mode:	TM3	Polarity:	Vertical



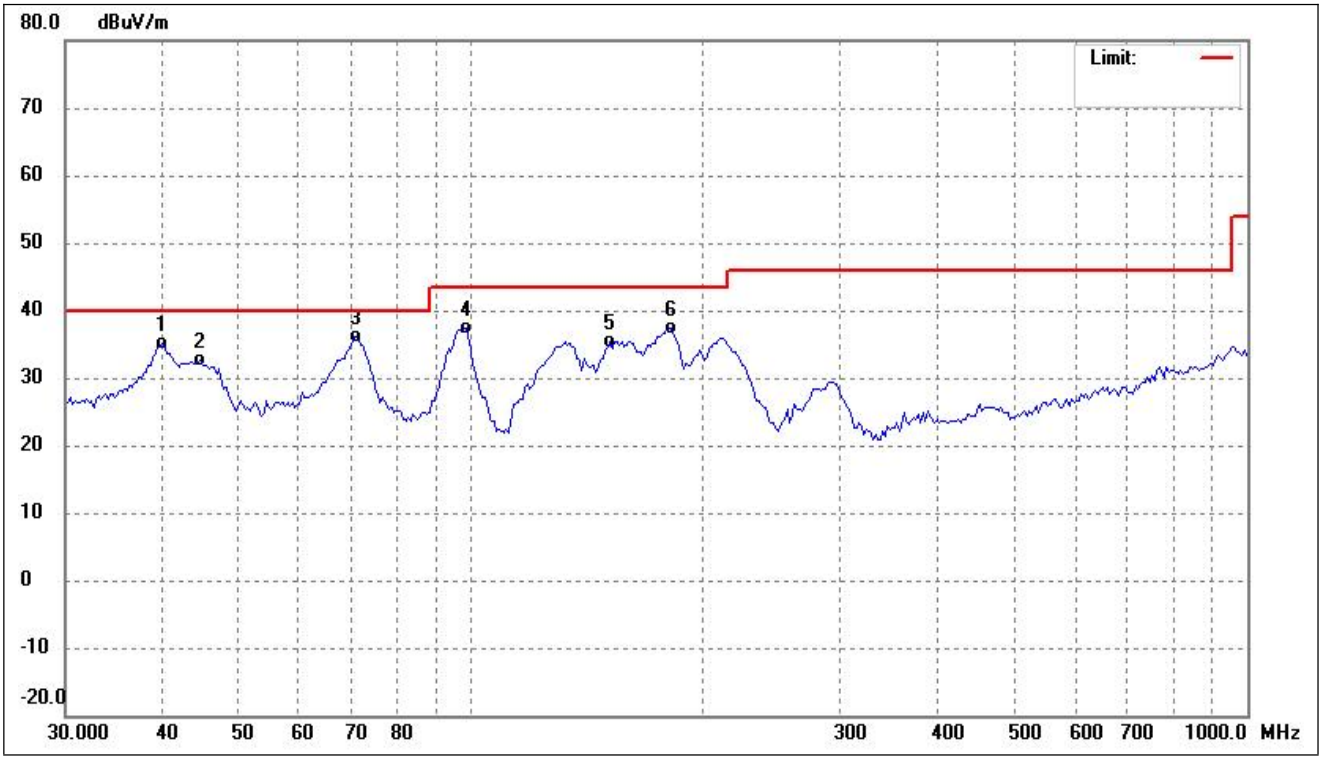
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	38.9080	43.33	-8.19	35.14	40.00	-4.86	-	-	QP
2	70.7047	45.74	-10.41	35.33	40.00	-4.67	-	-	QP
3	97.0023	50.41	-12.17	38.24	43.50	-5.26	-	-	QP
4	133.0809	46.55	-9.18	37.37	43.50	-6.13	-	-	QP
5	180.0302	48.67	-9.74	38.93	43.50	-4.57	-	-	QP
6	211.6109	50.12	-11.59	38.53	43.50	-4.97	-	-	QP

Test mode:	TM4	Polarity:	Horizontal



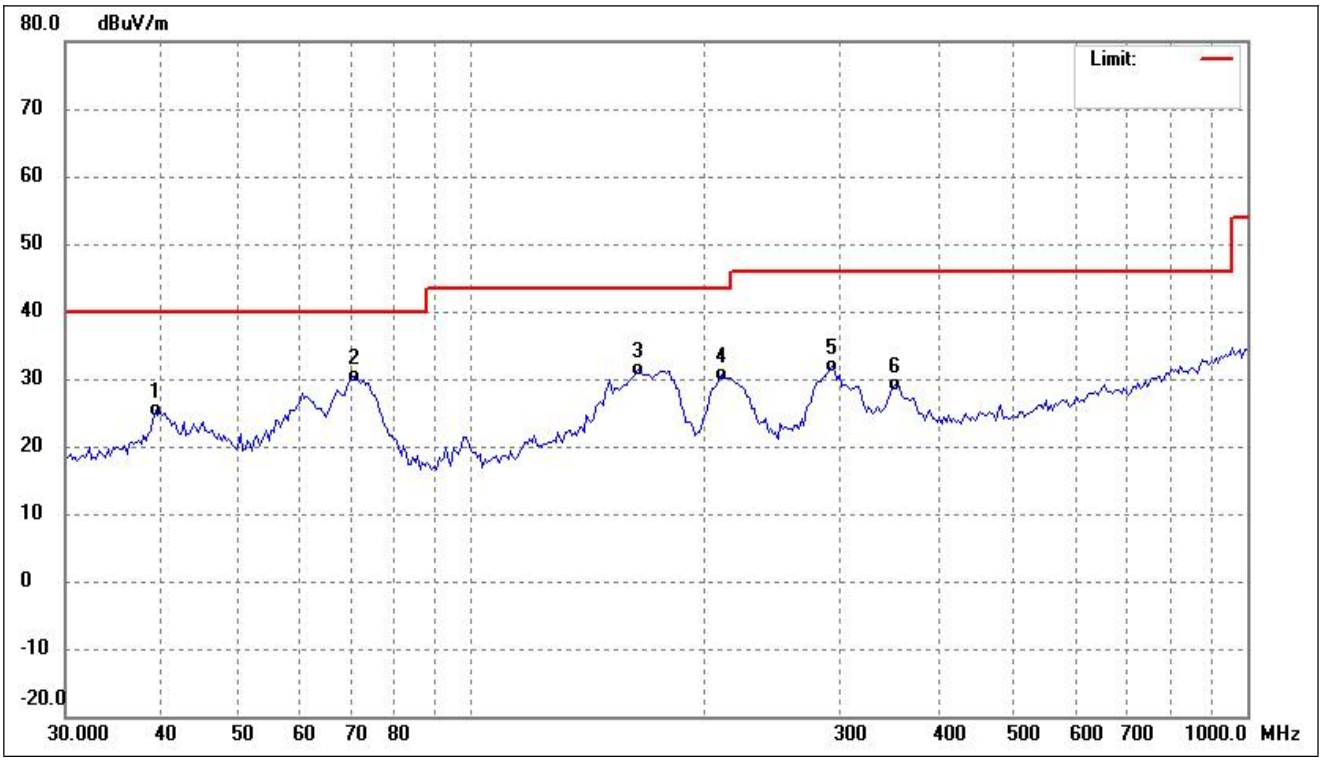
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0173	33.42	-7.95	25.47	40.00	-14.53	-	-	QP
2	70.7047	40.82	-10.41	30.41	40.00	-9.59	-	-	QP
3	176.2748	41.20	-9.21	31.99	43.50	-11.51	-	-	QP
4	211.6112	42.71	-11.59	31.12	43.50	-12.38	-	-	QP
5	294.4260	39.61	-8.04	31.57	46.00	-14.43	-	-	QP
6	353.4471	36.56	-7.00	29.56	46.00	-16.44	-	-	QP

Test mode:	TM4	Polarity:	Vertical



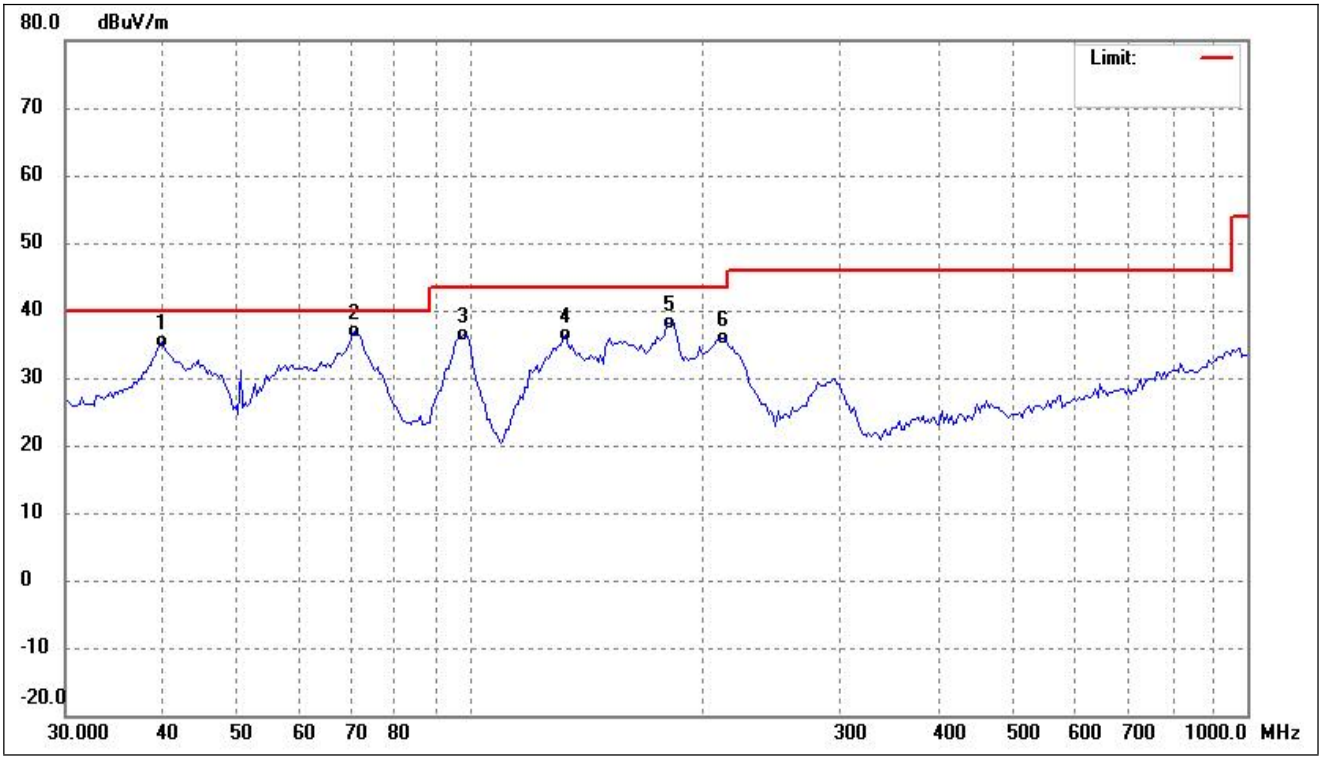
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0172	43.07	-7.95	35.12	40.00	-4.88	-	-	QP
2	44.7792	40.65	-7.96	32.69	40.00	-7.31	-	-	QP
3	71.2031	46.65	-10.52	36.13	40.00	-3.87	-	-	QP
4	98.3752	49.35	-12.09	37.26	43.50	-6.24	-	-	QP
5	151.0251	43.54	-8.05	35.49	43.50	-8.01	-	-	QP
6	181.2999	47.23	-9.88	37.35	43.50	-6.15	-	-	QP

Test mode:	TM5	Polarity:	Horizontal



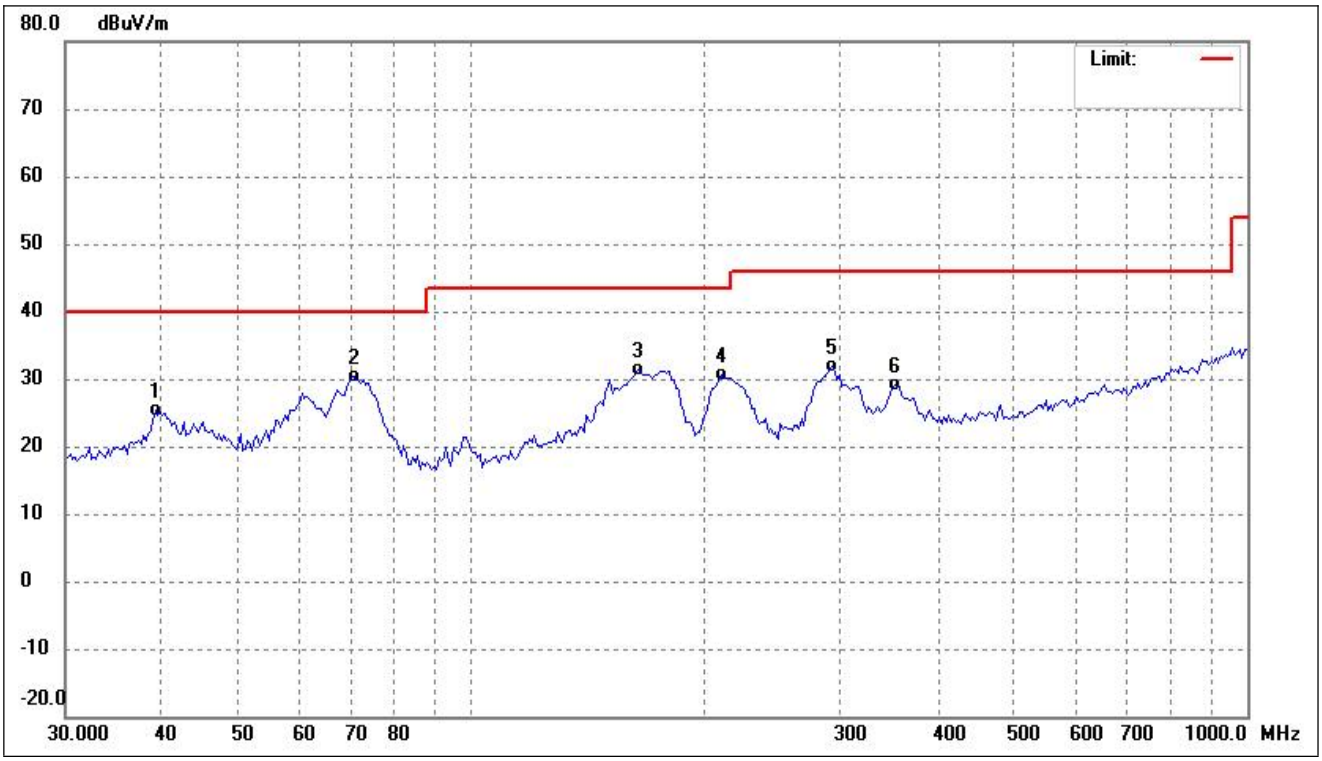
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	39.1825	33.52	-8.12	25.40	40.00	-14.60	-	-	QP
2	70.7047	40.82	-10.41	30.41	40.00	-9.59	-	-	QP
3	164.3129	39.45	-8.16	31.29	43.50	-12.21	-	-	QP
4	210.1294	42.17	-11.60	30.57	43.50	-12.93	-	-	QP
5	292.3643	40.09	-8.11	31.98	46.00	-14.02	-	-	QP
6	350.9722	36.26	-7.05	29.21	46.00	-16.79	-	-	QP

Test mode:	TM5	Polarity:	Vertical



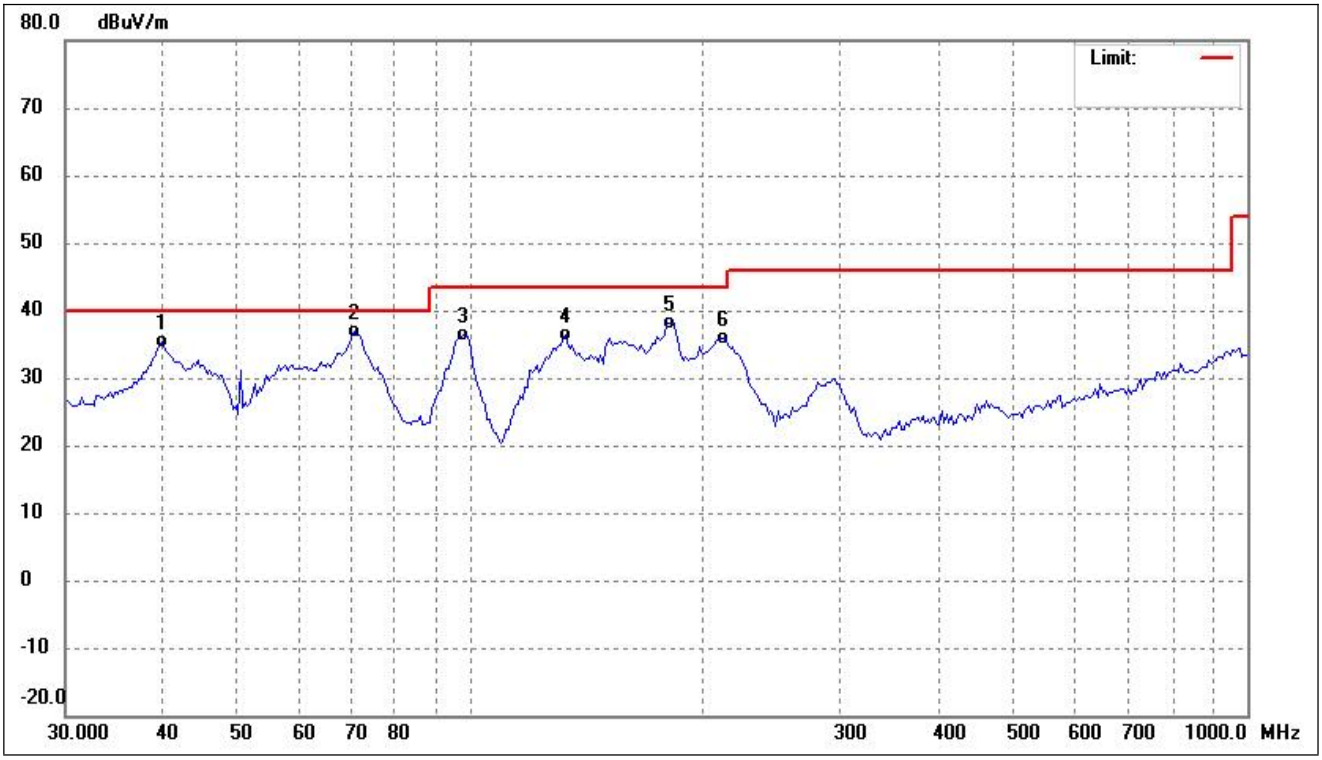
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0172	43.32	-7.95	35.37	40.00	-4.63	-	-	QP
2	70.7047	47.18	-10.41	36.77	40.00	-3.23	-	-	QP
3	97.6863	48.61	-12.14	36.47	43.50	-7.03	-	-	QP
4	132.1489	45.56	-9.23	36.33	43.50	-7.17	-	-	QP
5	180.0302	47.82	-9.74	38.08	43.50	-5.42	-	-	QP
6	211.6110	47.58	-11.59	35.99	43.50	-7.51	-	-	QP

Test mode:	TM5	Polarity:	Horizontal



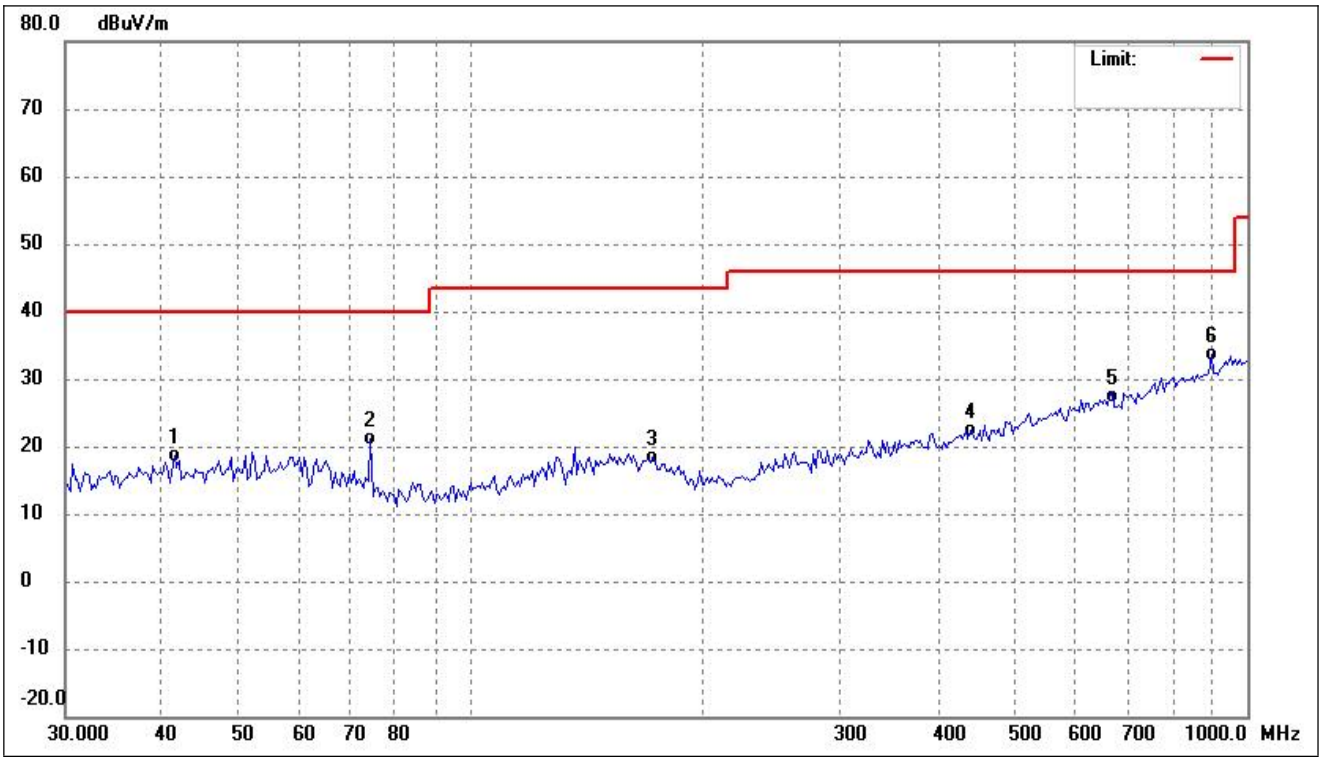
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	39.1825	33.52	-8.12	25.40	40.00	-14.60	-	-	QP
2	70.7047	40.82	-10.41	30.41	40.00	-9.59	-	-	QP
3	164.3129	39.45	-8.16	31.29	43.50	-12.21	-	-	QP
4	210.1294	42.17	-11.60	30.57	43.50	-12.93	-	-	QP
5	292.3643	40.09	-8.11	31.98	46.00	-14.02	-	-	QP
6	350.9722	36.26	-7.05	29.21	46.00	-16.79	-	-	QP

Test mode:	TM5	Polarity:	Vertical



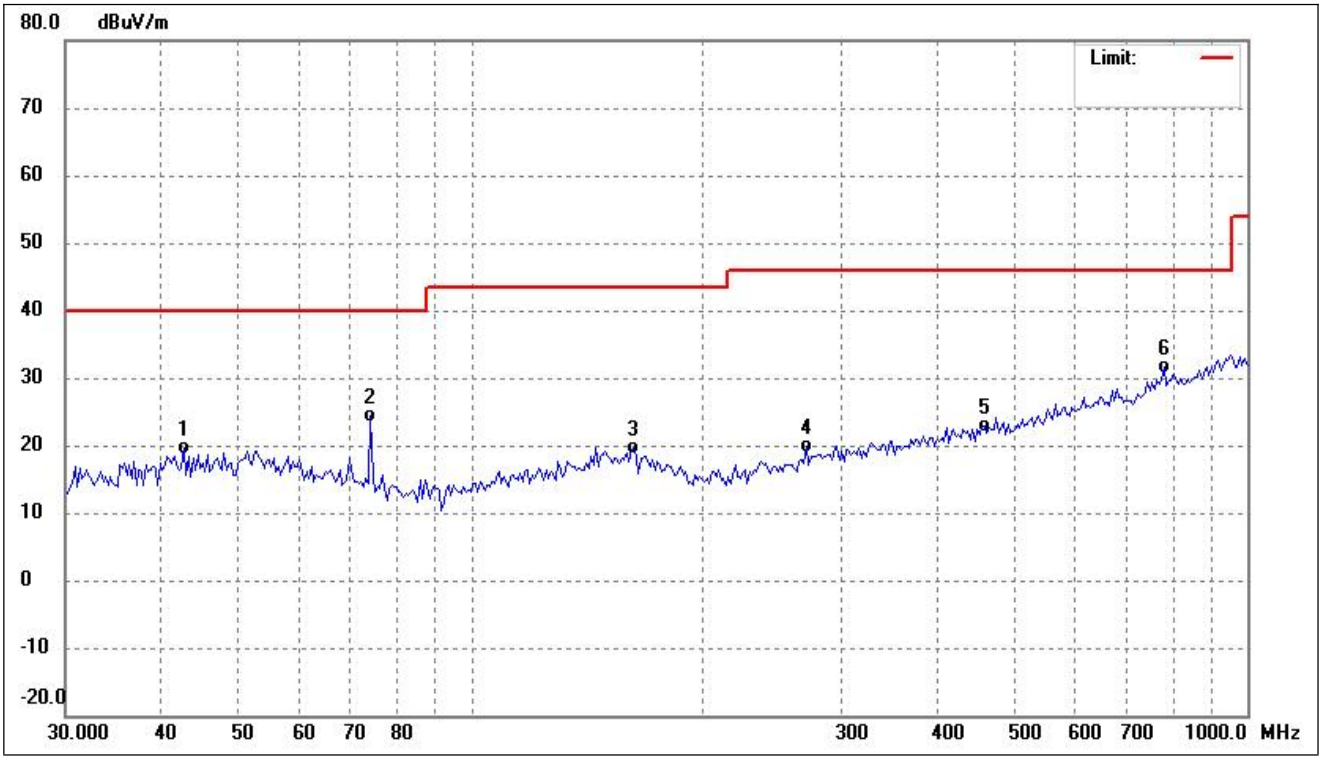
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.0172	43.32	-7.95	35.37	40.00	-4.63	-	-	QP
2	70.7047	47.18	-10.41	36.77	40.00	-3.23	-	-	QP
3	97.6863	48.61	-12.14	36.47	43.50	-7.03	-	-	QP
4	132.1489	45.56	-9.23	36.33	43.50	-7.17	-	-	QP
5	180.0302	47.82	-9.74	38.08	43.50	-5.42	-	-	QP
6	211.6110	47.58	-11.59	35.99	43.50	-7.51	-	-	QP

Test mode:	TM6	Polarity:	Horizontal



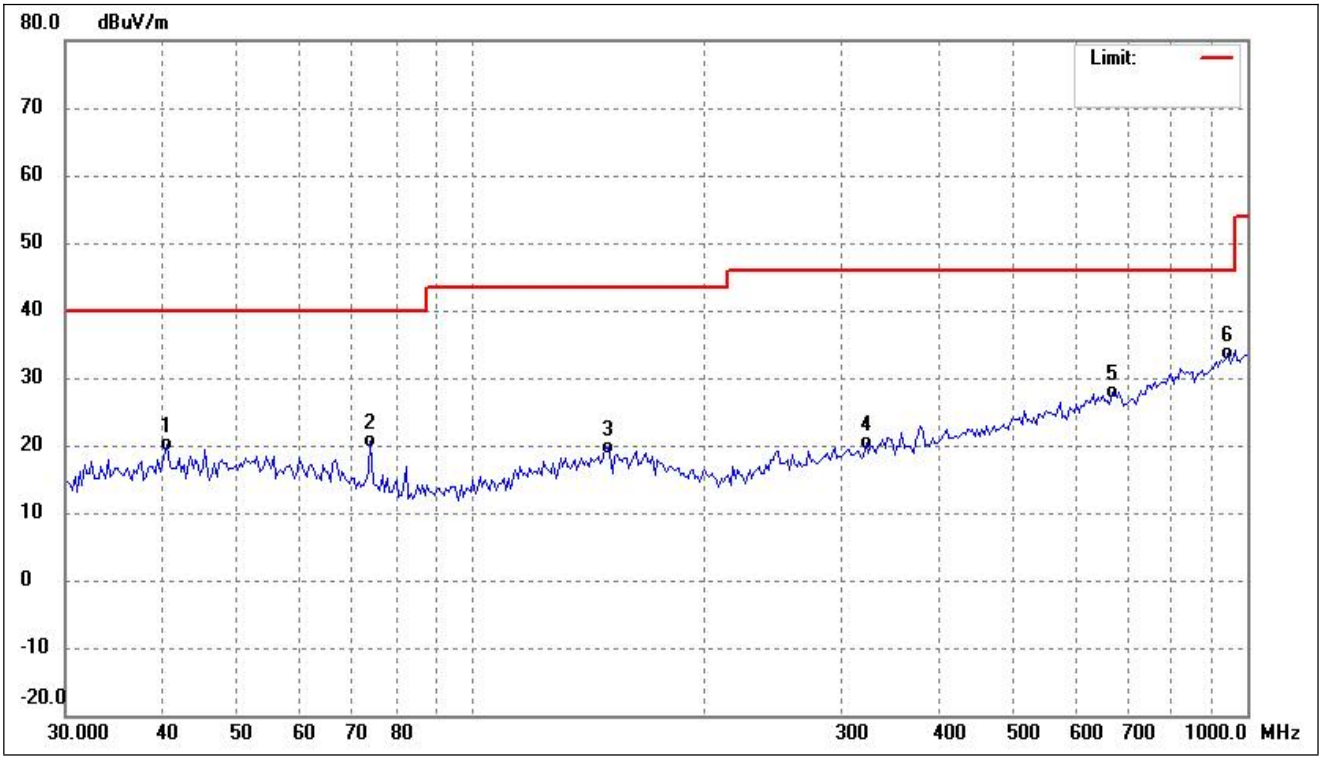
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	41.4483	26.70	-7.96	18.74	40.00	-21.26	-	-	QP
2	74.2696	32.37	-11.18	21.19	40.00	-18.81	-	-	QP
3	171.3890	26.78	-8.51	18.27	43.50	-25.23	-	-	QP
4	439.4730	27.88	-5.42	22.46	46.00	-23.54	-	-	QP
5	665.2610	28.88	-1.45	27.43	46.00	-18.57	-	-	QP
6	899.9577	31.42	2.09	33.51	46.00	-12.49	-	-	QP

Test mode:	TM6	Polarity:	Vertical



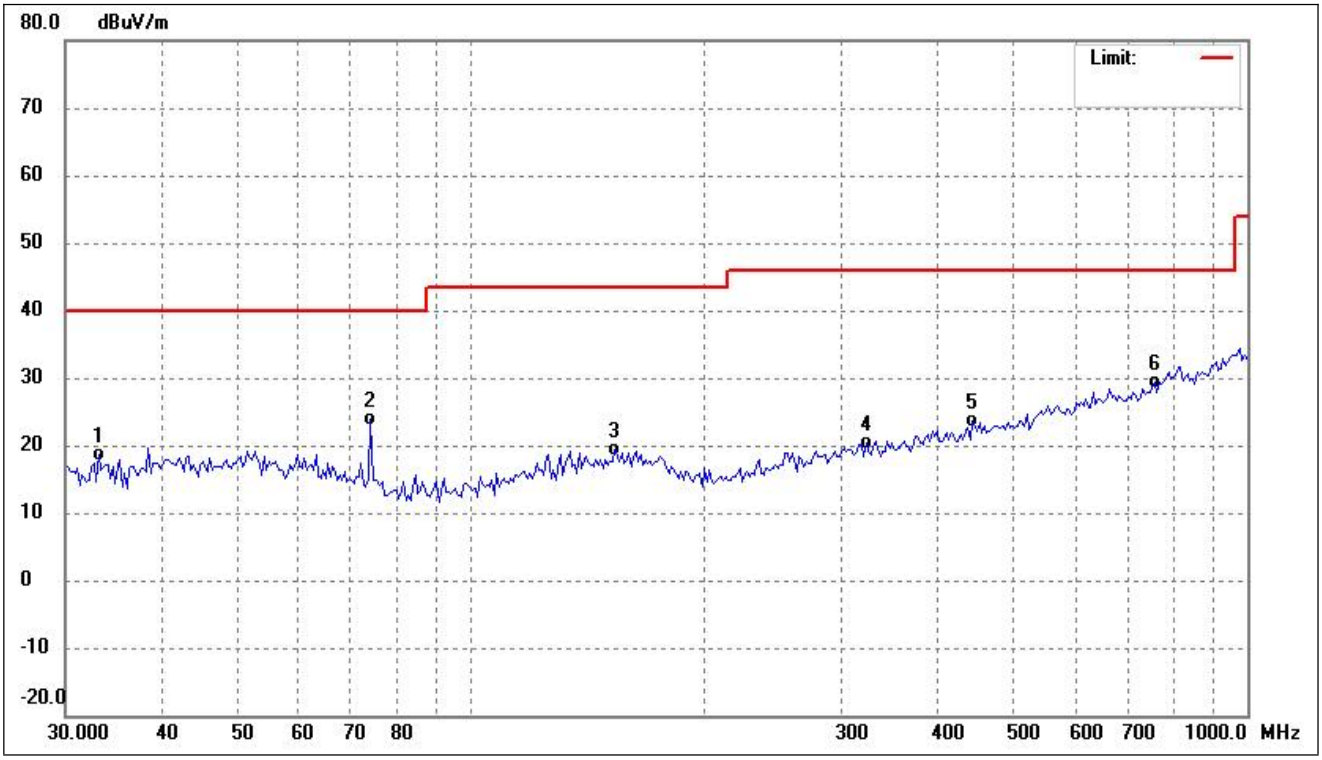
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	42.6299	27.68	-7.96	19.72	40.00	-20.28	-	-	QP
2	74.2696	35.52	-11.18	24.34	40.00	-15.66	-	-	QP
3	162.0197	27.71	-8.10	19.61	43.50	-23.89	-	-	QP
4	270.6162	28.75	-8.84	19.91	46.00	-26.09	-	-	QP
5	458.3987	28.12	-5.12	23.00	46.00	-23.00	-	-	QP
6	781.9606	30.94	0.70	31.64	46.00	-14.36	-	-	QP

Test mode:	TM7	Polarity:	Horizontal



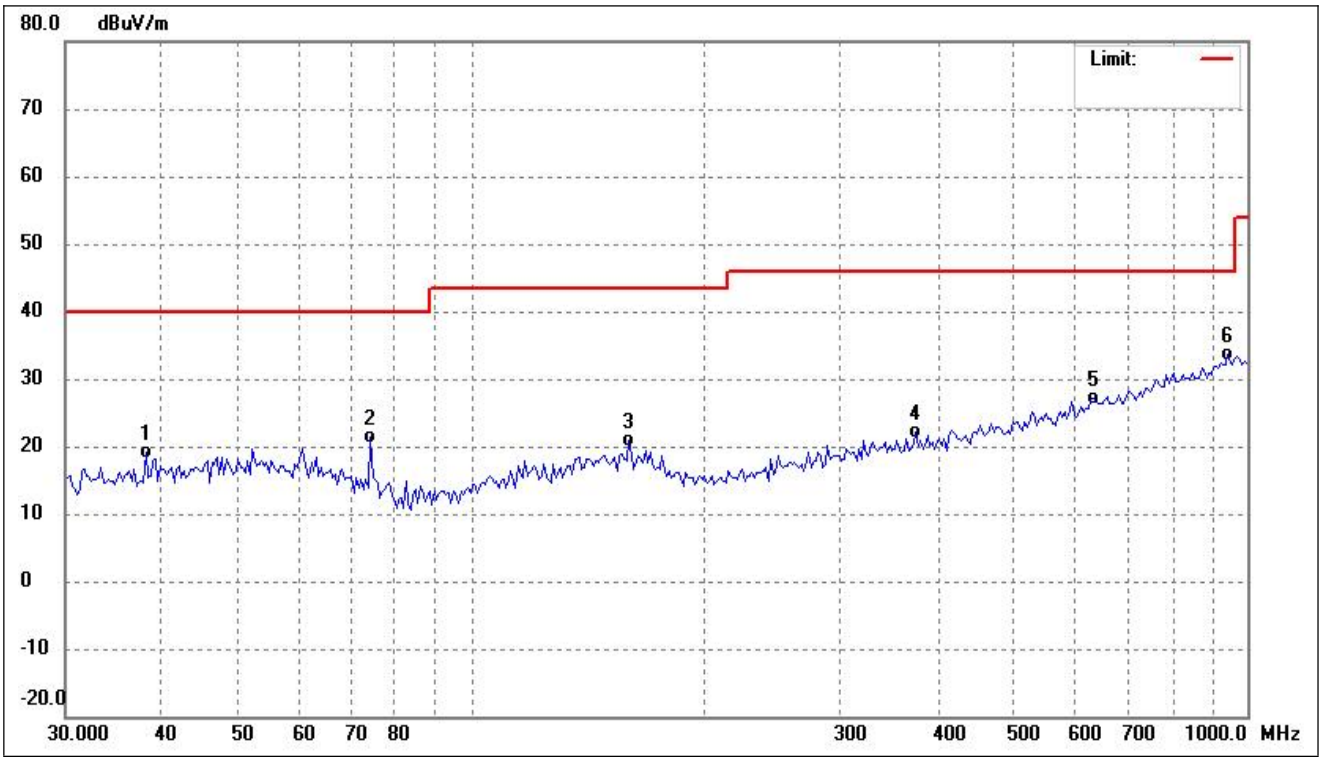
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	40.5837	27.99	-7.96	20.03	40.00	-19.97	-	-	QP
2	74.2696	31.85	-11.18	20.67	40.00	-19.33	-	-	QP
3	149.9676	27.62	-8.04	19.58	43.50	-23.92	-	-	QP
4	322.5896	27.75	-7.38	20.37	46.00	-25.63	-	-	QP
5	669.9523	29.36	-1.42	27.94	46.00	-18.06	-	-	QP
6	945.3336	30.33	3.19	33.52	46.00	-12.48	-	-	QP

Test mode:	TM7	Polarity:	Vertical



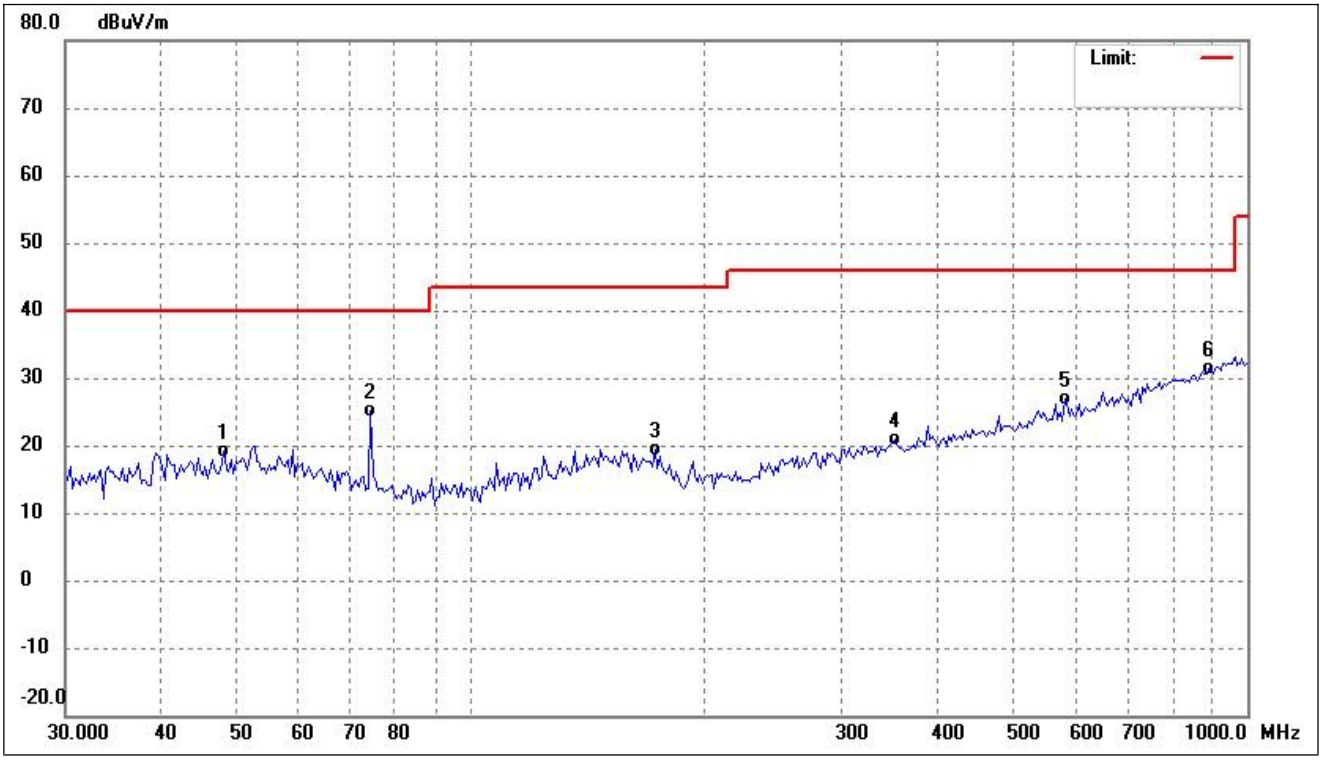
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	33.1015	27.86	-9.26	18.60	40.00	-21.40	-	-	QP
2	74.2696	35.04	-11.18	23.86	40.00	-16.14	-	-	QP
3	153.1627	27.50	-8.05	19.45	43.50	-24.05	-	-	QP
4	322.5896	27.73	-7.38	20.35	46.00	-25.65	-	-	QP
5	442.5722	29.07	-5.35	23.72	46.00	-22.28	-	-	QP
6	760.2867	29.02	0.35	29.37	46.00	-16.63	-	-	QP

Test mode:	TM8	Polarity:	Horizontal



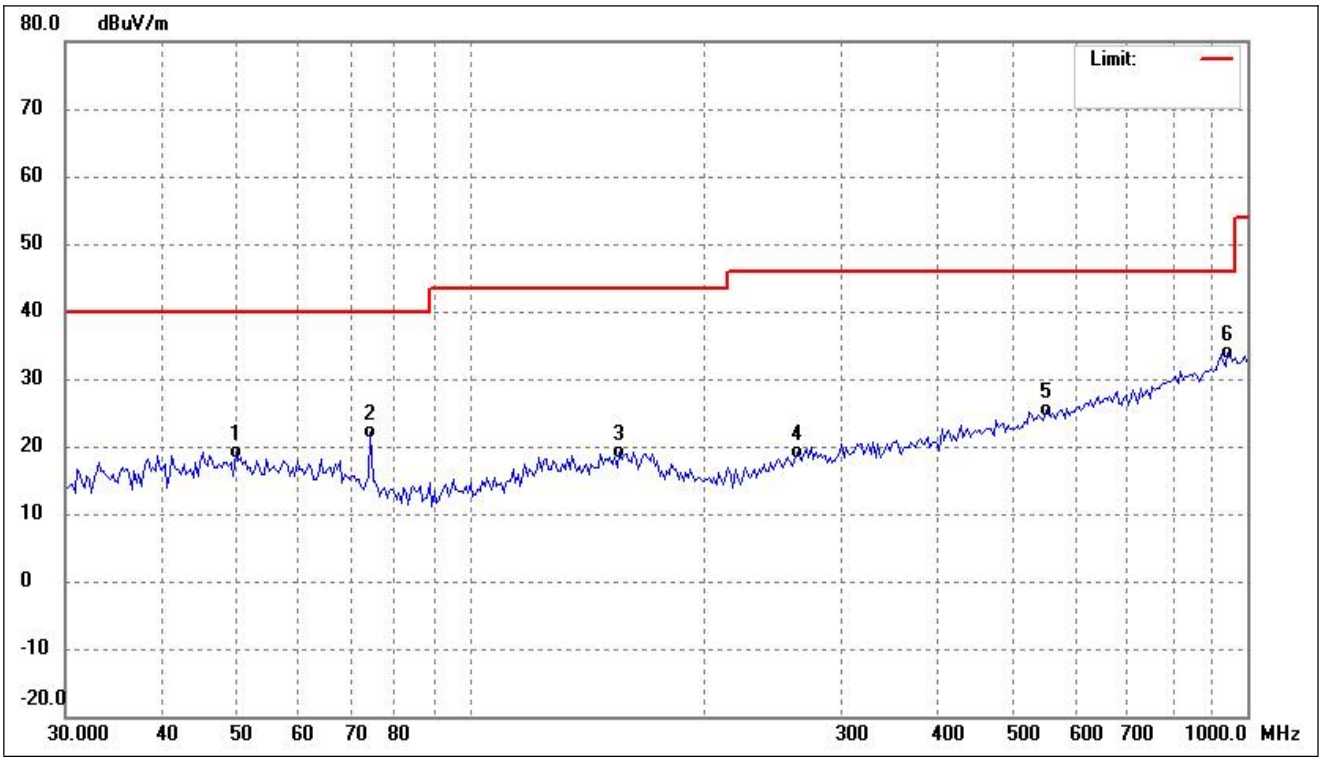
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	38.0965	27.58	-8.36	19.22	40.00	-20.78	-	-	QP
2	74.2696	32.45	-11.18	21.27	40.00	-18.73	-	-	QP
3	159.7586	28.96	-8.05	20.91	43.50	-22.59	-	-	QP
4	373.8862	28.71	-6.62	22.09	46.00	-23.91	-	-	QP
5	633.3285	28.78	-1.70	27.08	46.00	-18.92	-	-	QP
6	945.3336	30.38	3.19	33.57	46.00	-12.43	-	-	QP

Test mode:	TM8	Polarity:	Vertical



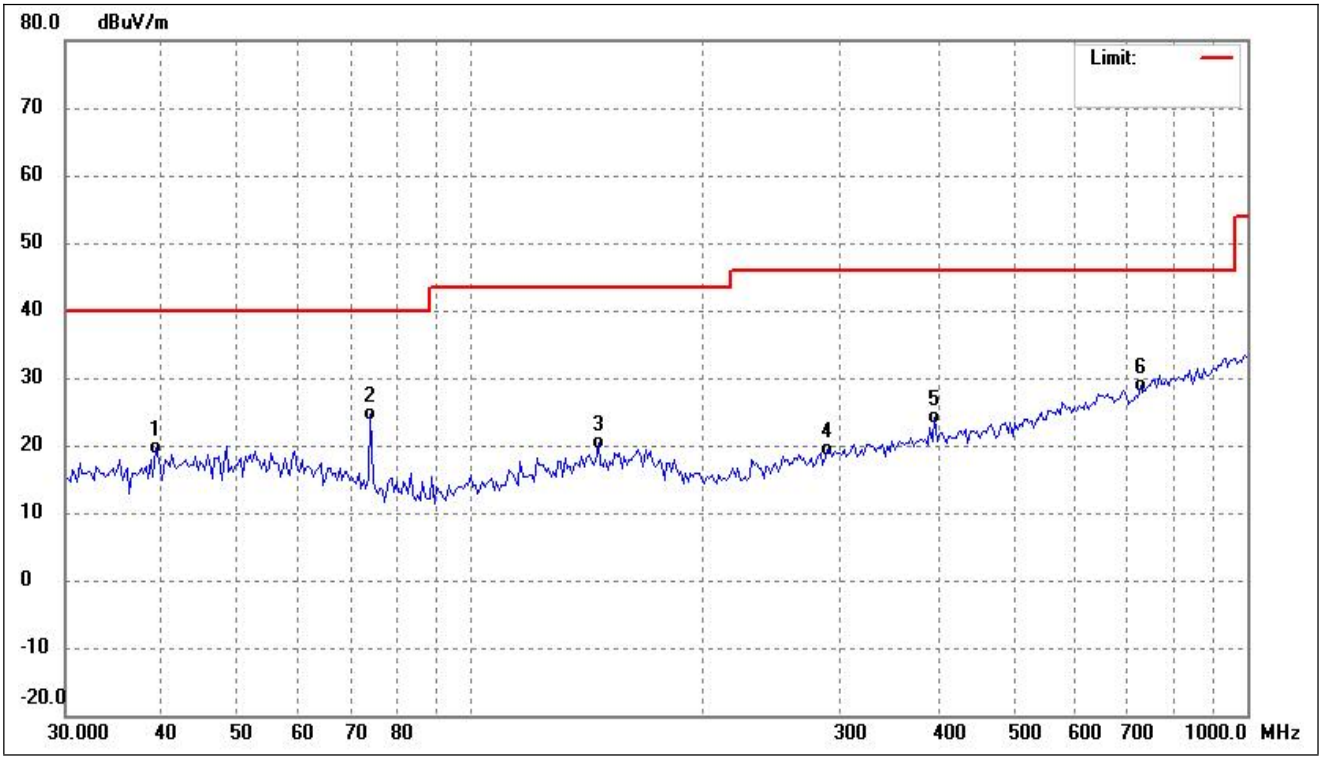
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	48.0392	26.83	-7.73	19.10	40.00	-20.90	-	-	QP
2	74.2696	36.36	-11.18	25.18	40.00	-14.82	-	-	QP
3	172.5976	28.01	-8.68	19.33	43.50	-24.17	-	-	QP
4	350.9722	27.95	-7.05	20.90	46.00	-25.10	-	-	QP
5	582.1122	29.49	-2.68	26.81	46.00	-19.19	-	-	QP
6	893.6557	29.35	2.02	31.37	46.00	-14.63	-	-	QP

Test mode:	TM9	Polarity:	Horizontal



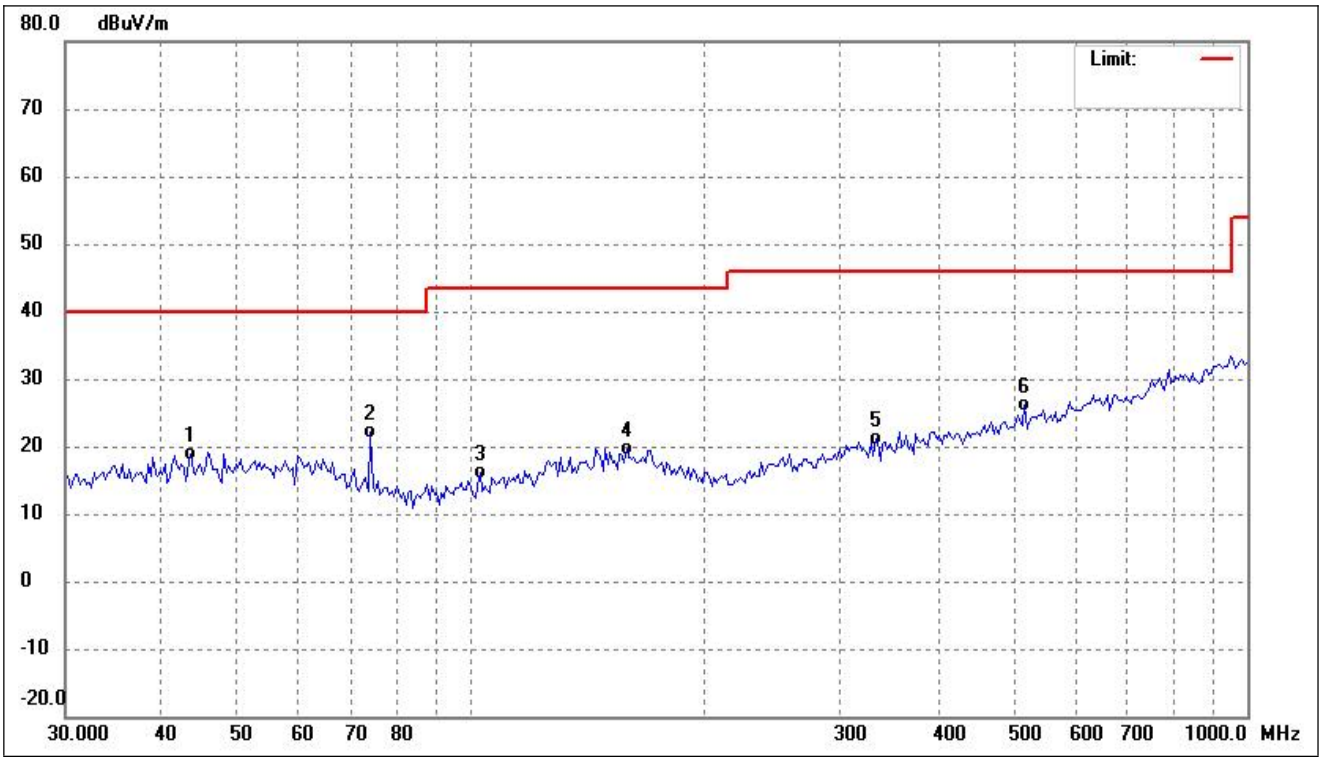
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	49.7571	26.72	-7.59	19.13	40.00	-20.87	-	-	QP
2	74.2696	33.23	-11.18	22.05	40.00	-17.95	-	-	QP
3	155.3305	27.19	-8.05	19.14	43.50	-24.36	-	-	QP
4	263.1155	28.25	-9.16	19.09	46.00	-26.91	-	-	QP
5	550.2902	28.96	-3.54	25.42	46.00	-20.58	-	-	QP
6	945.3336	30.59	3.19	33.78	46.00	-12.22	-	-	QP

Test mode:	TM9	Polarity:	Vertical



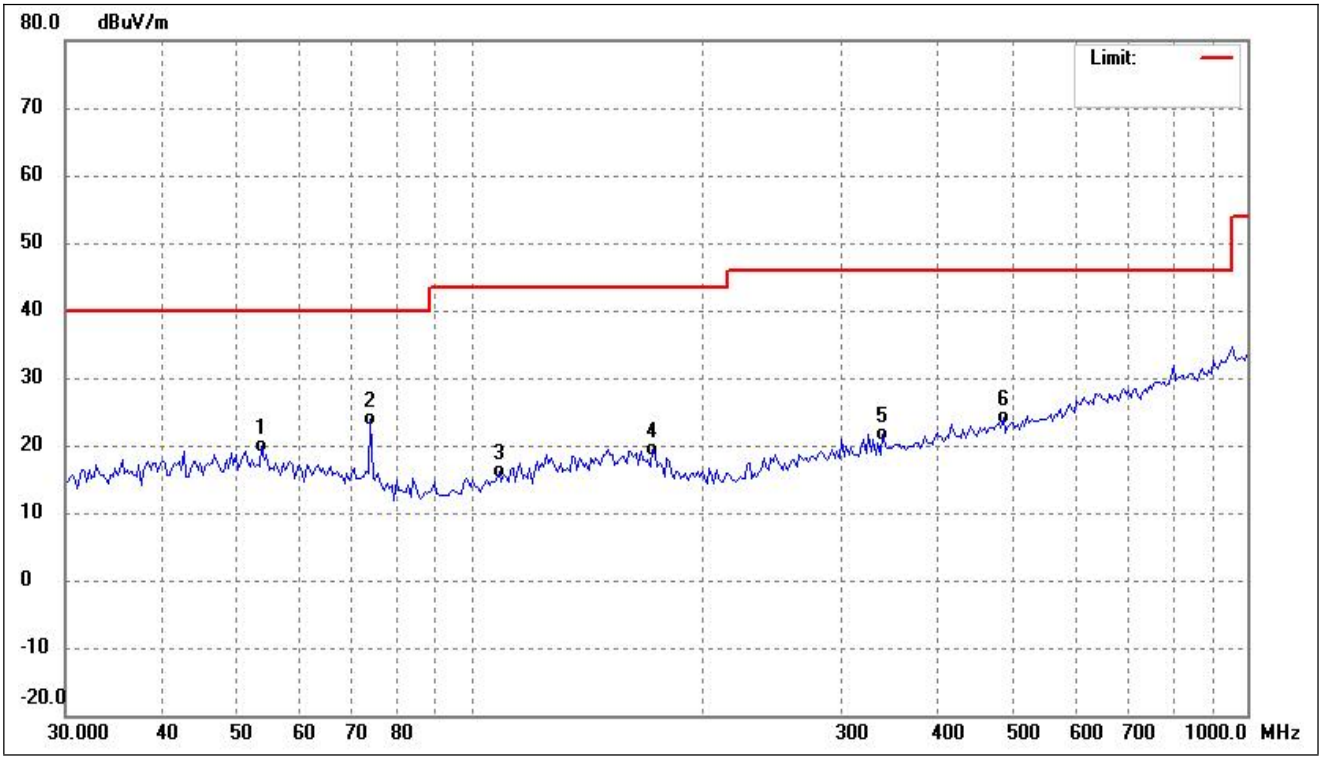
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	39.1825	27.68	-8.12	19.56	40.00	-20.44	-	-	QP
2	74.2696	35.75	-11.18	24.57	40.00	-15.43	-	-	QP
3	145.8109	28.67	-8.40	20.27	43.50	-23.23	-	-	QP
4	288.2840	27.72	-8.23	19.49	46.00	-26.51	-	-	QP
5	395.5071	30.43	-6.31	24.12	46.00	-21.88	-	-	QP
6	728.8971	29.29	-0.36	28.93	46.00	-17.07	-	-	QP

Test mode:	TM10	Polarity:	Horizontal



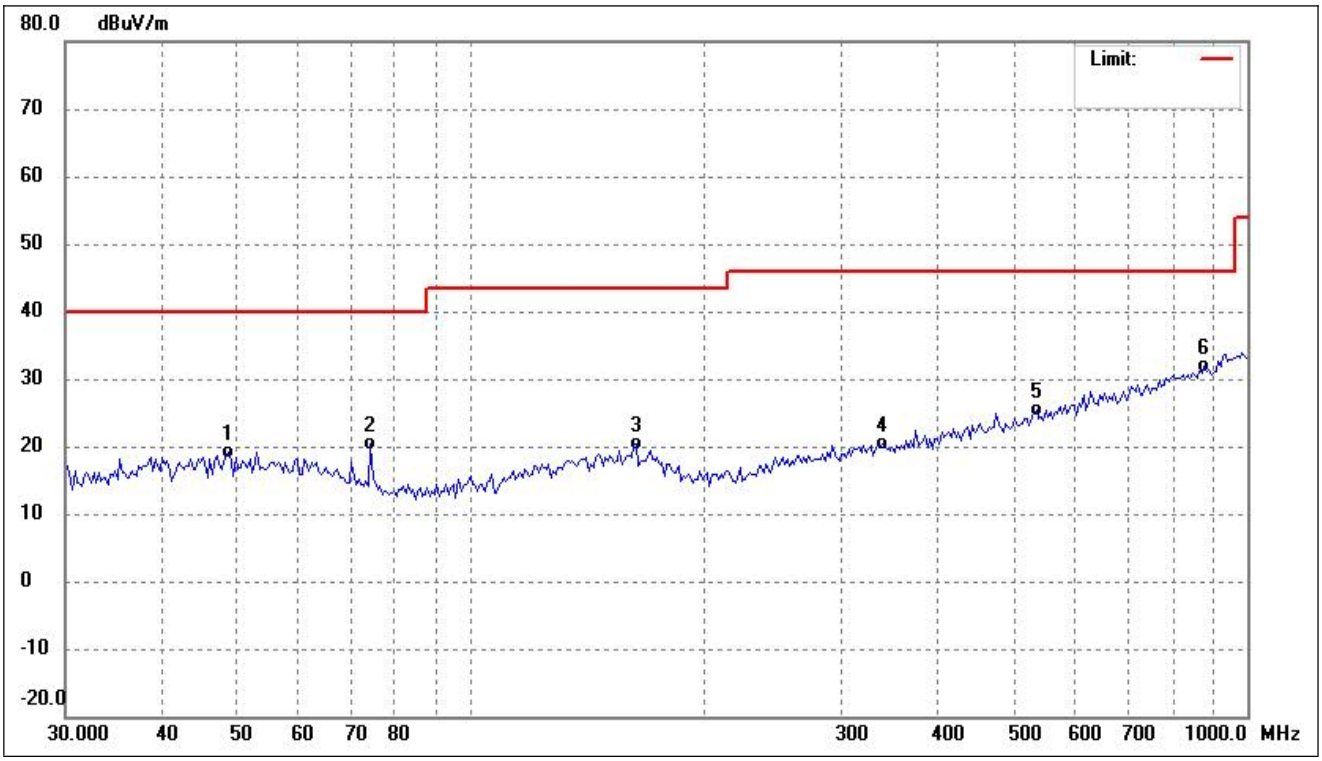
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	43.5381	26.91	-7.95	18.96	40.00	-21.04	-	-	QP
2	74.2696	33.24	-11.18	22.06	40.00	-17.94	-	-	QP
3	102.6117	27.95	-11.75	16.20	43.50	-27.30	-	-	QP
4	158.6399	27.69	-8.05	19.64	43.50	-23.86	-	-	QP
5	331.7858	28.42	-7.25	21.17	46.00	-24.83	-	-	QP
6	516.5651	30.71	-4.48	26.23	46.00	-19.77	-	-	QP

Test mode:	TM10	Polarity:	Vertical



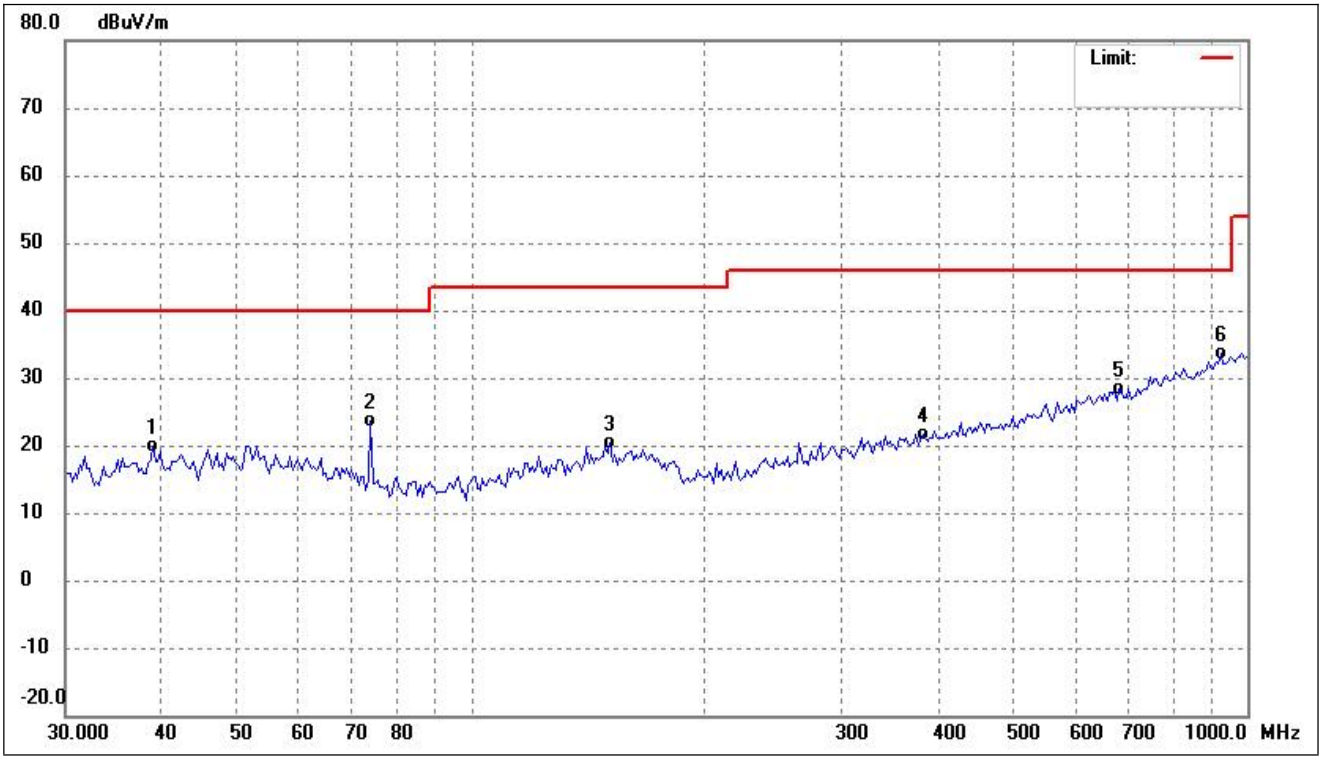
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	53.7559	27.80	-7.99	19.81	40.00	-20.19	-	-	QP
2	74.2696	35.09	-11.18	23.91	40.00	-16.09	-	-	QP
3	108.5455	27.22	-11.21	16.01	43.50	-27.49	-	-	QP
4	171.3890	27.90	-8.51	19.39	43.50	-24.11	-	-	QP
5	338.8546	28.88	-7.18	21.70	46.00	-24.30	-	-	QP
6	484.9068	28.98	-4.92	24.06	46.00	-21.94	-	-	QP

Test mode:	TM11	Polarity:	Horizontal



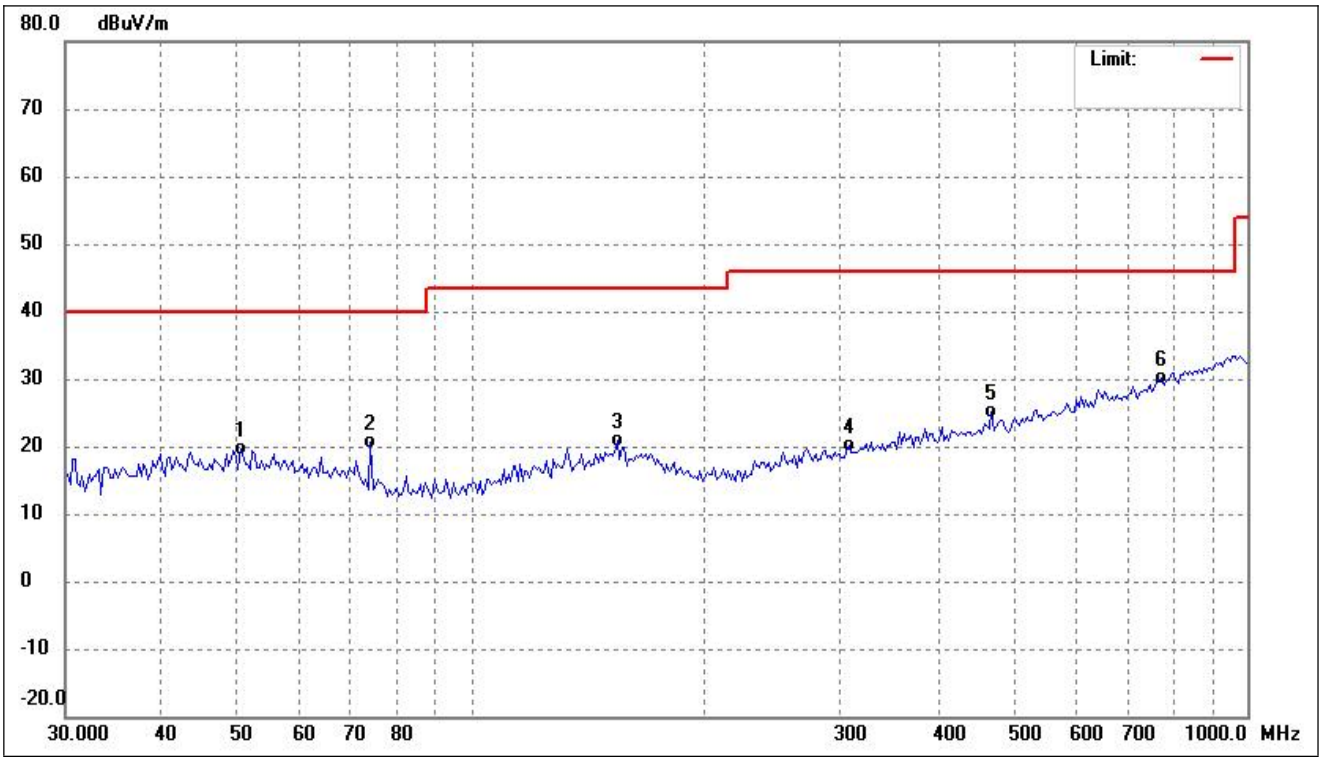
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	48.7191	26.88	-7.68	19.20	40.00	-20.80	-	-	QP
2	74.2696	31.56	-11.18	20.38	40.00	-19.62	-	-	QP
3	163.1623	28.53	-8.13	20.40	43.50	-23.10	-	-	QP
4	338.8546	27.64	-7.18	20.46	46.00	-25.54	-	-	QP
5	535.0377	29.33	-4.01	25.32	46.00	-20.68	-	-	QP
6	881.1838	30.04	1.88	31.92	46.00	-14.08	-	-	QP

Test mode:	TM11	Polarity:	Vertical



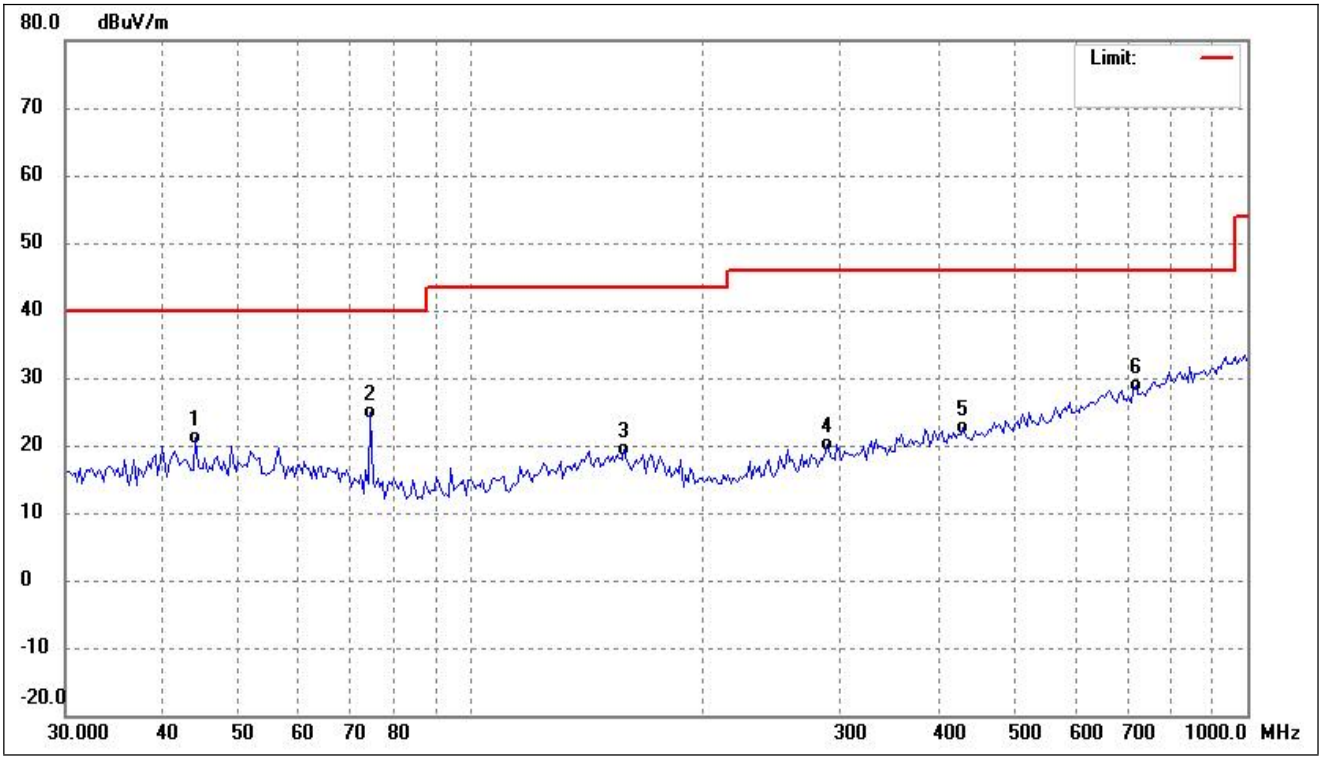
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	38.9081	27.97	-8.19	19.78	40.00	-20.22	-	-	QP
2	74.2696	34.75	-11.18	23.57	40.00	-16.43	-	-	QP
3	151.0252	28.33	-8.05	20.28	43.50	-23.22	-	-	QP
4	381.8520	28.06	-6.50	21.56	46.00	-24.44	-	-	QP
5	684.2259	29.74	-1.27	28.47	46.00	-17.53	-	-	QP
6	925.6132	30.83	2.72	33.55	46.00	-12.45	-	-	QP

Test mode:	TM12	Polarity:	Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	50.4614	27.23	-7.64	19.59	40.00	-20.41	-	-	QP
2	74.2696	31.73	-11.18	20.55	40.00	-19.45	-	-	QP
3	154.2428	29.00	-8.05	20.95	43.50	-22.55	-	-	QP
4	307.1053	27.77	-7.71	20.06	46.00	-25.94	-	-	QP
5	468.1651	30.27	-5.05	25.22	46.00	-20.78	-	-	QP
6	776.4849	29.51	0.62	30.13	46.00	-15.87	-	-	QP

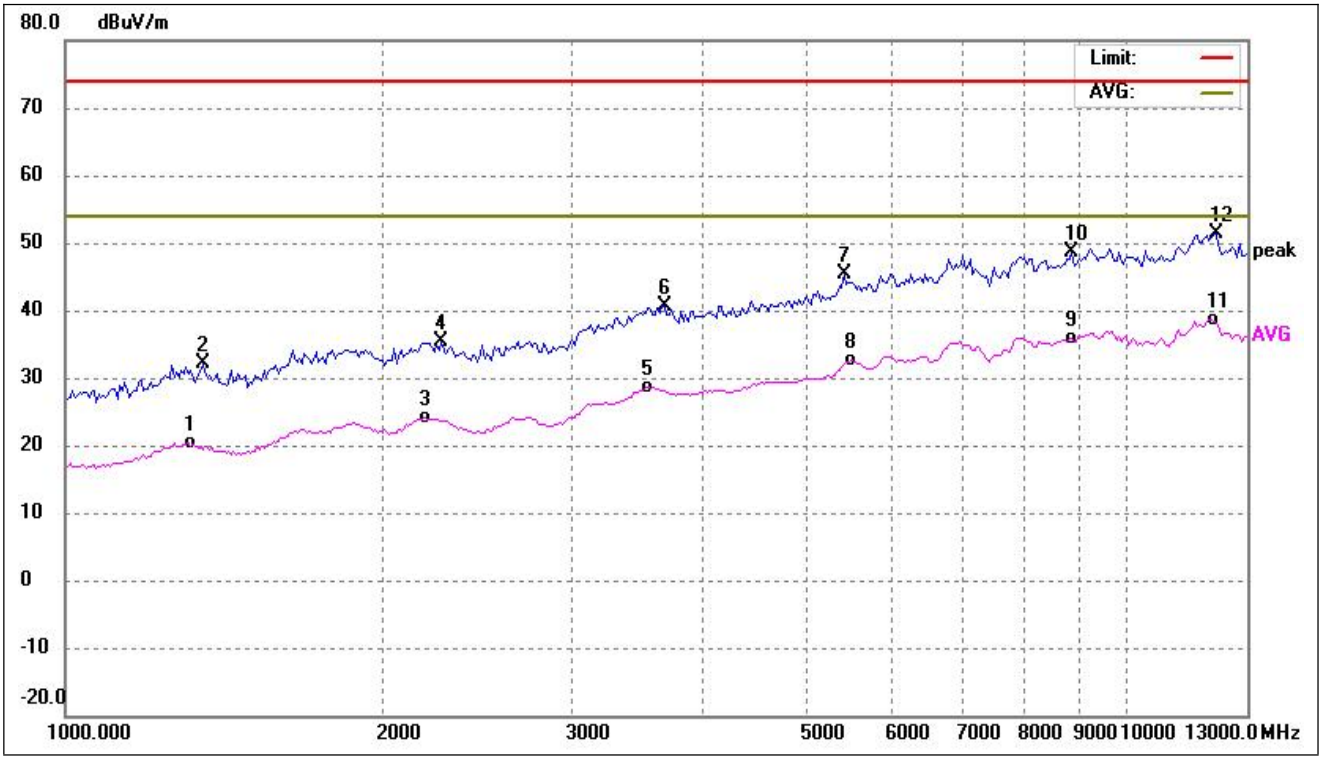
Test mode:	TM12	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	44.1544	29.05	-7.96	21.09	40.00	-18.91	-	-	QP
2	74.2696	35.96	-11.18	24.78	40.00	-15.22	-	-	QP
3	157.5290	27.53	-8.05	19.48	43.50	-24.02	-	-	QP
4	288.2840	28.45	-8.23	20.22	46.00	-25.78	-	-	QP
5	430.3053	28.16	-5.62	22.54	46.00	-23.46	-	-	QP
6	718.7246	29.53	-0.62	28.91	46.00	-17.09	-	-	QP

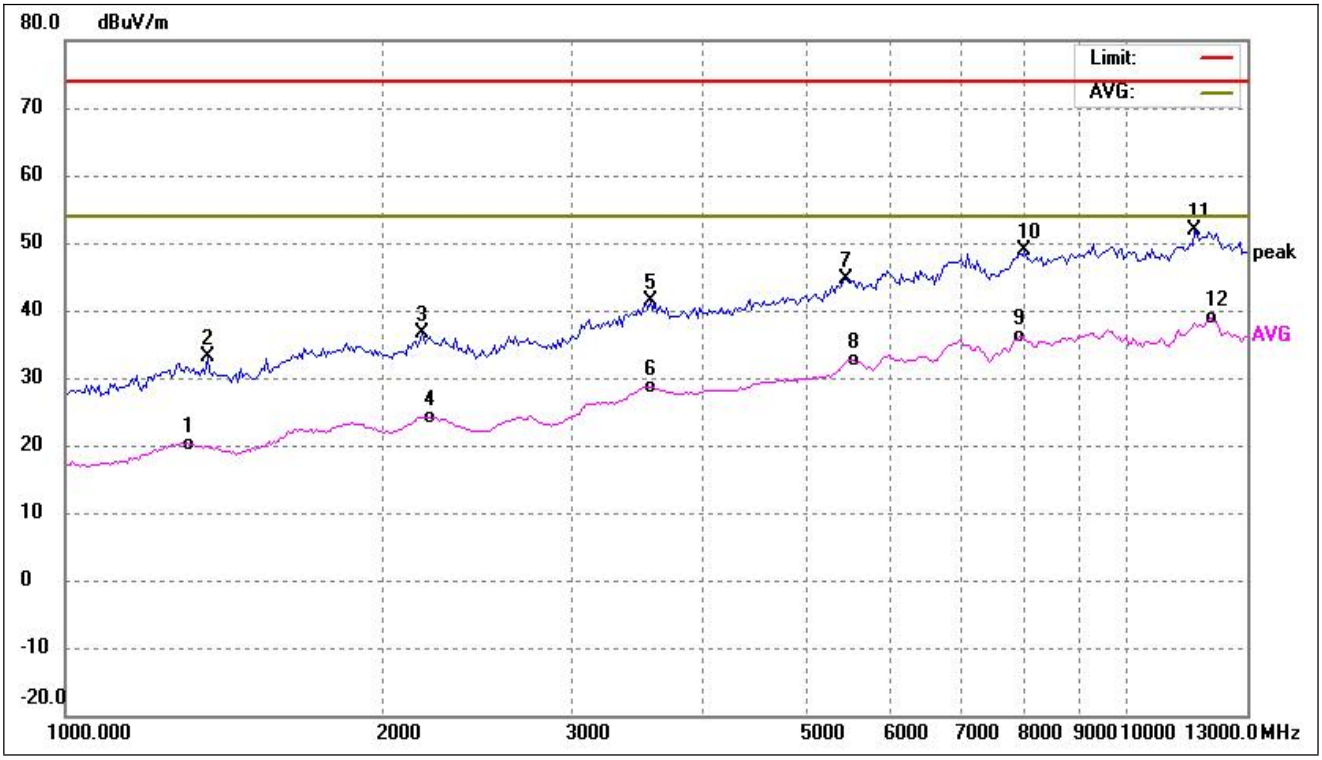
Above 1GHz

Test mode:	TM1 (worst case)	Polarity:	Horizontal



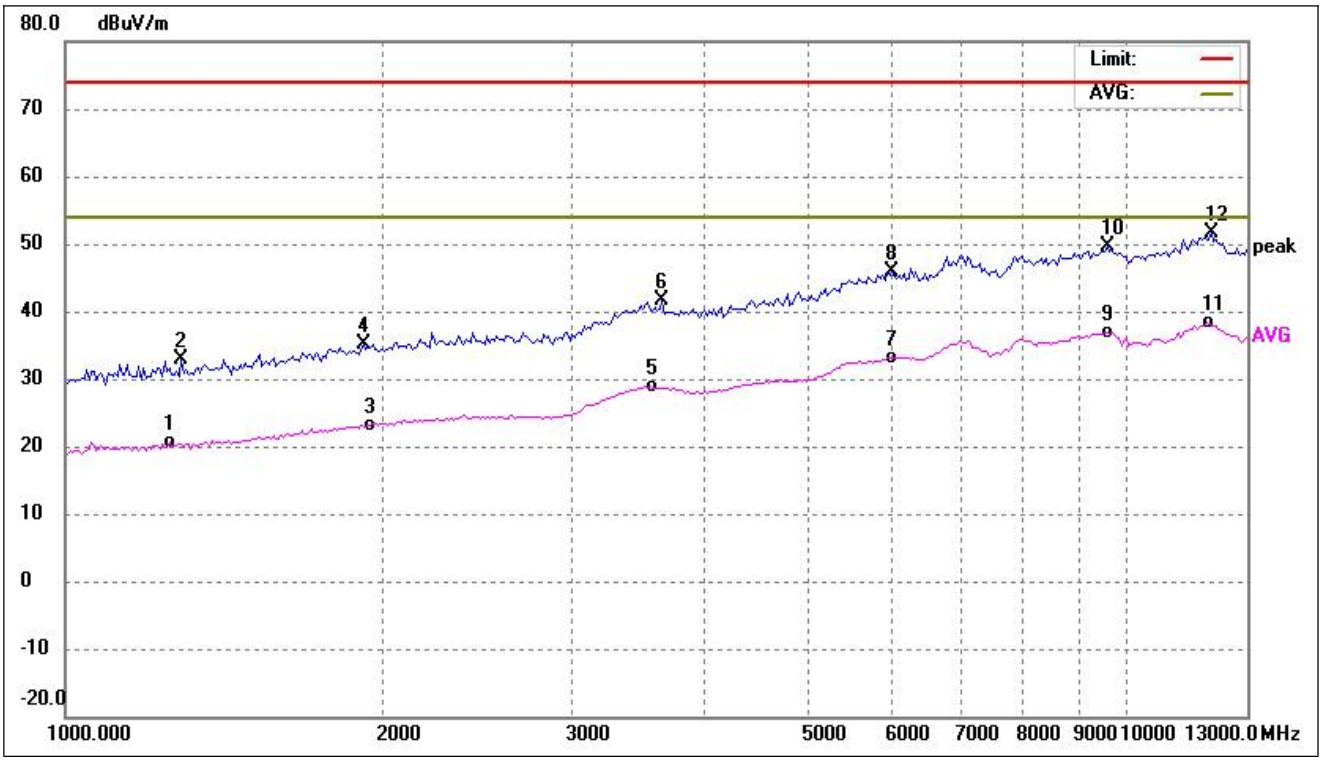
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	1306.418	43.69	-23.38	20.31	54.00	-33.69	-	-	AVG
2	1347.337	55.28	-23.26	32.02	74.00	-41.98	-	-	peak
3	2184.326	44.05	-19.95	24.10	54.00	-29.90	-	-	AVG
4	2264.352	55.28	-19.78	35.50	74.00	-38.50	-	-	peak
5	3541.265	43.42	-14.80	28.62	54.00	-25.38	-	-	AVG
6	3671.004	55.54	-14.97	40.57	74.00	-33.43	-	-	peak
7	5425.548	56.56	-11.15	45.41	74.00	-28.59	-	-	peak
8	5509.861	43.37	-10.76	32.61	54.00	-21.39	-	-	AVG
9	8841.318	42.39	-6.47	35.92	54.00	-18.08	-	-	AVG
10	8886.881	54.94	-6.40	48.54	74.00	-25.46	-	-	peak
11	12035.332	41.22	-2.55	38.67	54.00	-15.33	-	-	AVG
12	12159.698	54.35	-3.03	51.32	74.00	-22.68	-	-	peak

Test mode:	TM1 (worst case)	Polarity:	Vertical



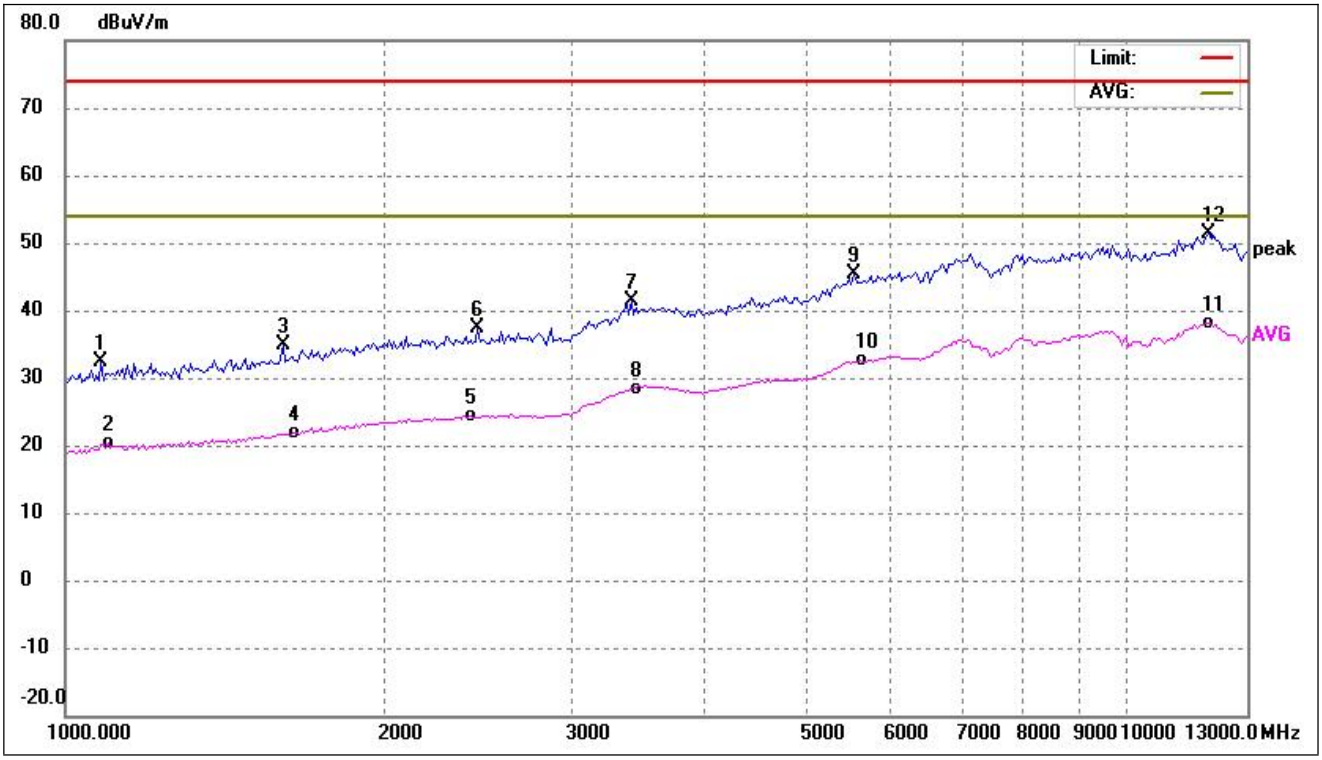
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	1319.918	43.42	-23.34	20.08	54.00	-33.92	-	-	AVG
2	1361.260	56.23	-23.21	33.02	74.00	-40.98	-	-	peak
3	2173.127	56.51	-19.97	36.54	74.00	-37.46	-	-	peak
4	2206.897	44.13	-19.90	24.23	54.00	-29.77	-	-	AVG
5	3559.515	56.31	-14.83	41.48	74.00	-32.52	-	-	peak
6	3559.515	43.52	-14.83	28.69	54.00	-25.31	-	-	AVG
7	5453.508	55.68	-11.02	44.66	74.00	-29.34	-	-	peak
8	5509.861	43.35	-10.76	32.59	54.00	-21.41	-	-	AVG
9	7936.657	42.87	-6.77	36.10	54.00	-17.90	-	-	AVG
10	8018.670	55.34	-6.56	48.78	74.00	-25.22	-	-	peak
11	11609.984	54.99	-3.22	51.77	74.00	-22.23	-	-	peak
12	12035.332	41.32	-2.55	38.77	54.00	-15.23	-	-	AVG

Test mode:	TM6 (worst case)	Polarity:	Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
c	1253.786	44.10	-23.55	20.55	54.00	-33.45	-	-	AVG
2	1286.427	56.32	-23.44	32.88	74.00	-41.12	-	-	peak
3	1901.271	43.92	-20.85	23.07	54.00	-30.93	-	-	AVG
4	1911.069	55.92	-20.80	35.12	74.00	-38.88	-	-	peak
5	3559.515	43.71	-14.83	28.88	54.00	-25.12	-	-	AVG
6	3652.183	56.47	-14.96	41.51	74.00	-32.49	-	-	peak
7	5982.164	42.85	-9.62	33.23	54.00	-20.77	-	-	AVG
8	6012.992	55.41	-9.56	45.85	74.00	-28.15	-	-	peak
9	9549.976	42.28	-5.30	36.98	54.00	-17.02	-	-	AVG
10	9599.191	54.94	-5.30	49.64	74.00	-24.36	-	-	peak
11	11912.238	40.88	-2.60	38.28	54.00	-15.72	-	-	AVG
12	12035.332	54.29	-2.55	51.74	74.00	-22.26	-	-	peak

Test mode:	TM6 (worst case)	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	1080.153	56.87	-24.56	32.31	74.00	-41.69	-	-	peak
2	1096.939	44.73	-24.44	20.29	54.00	-33.71	-	-	AVG
3	1604.635	57.17	-22.31	34.86	74.00	-39.14	-	-	peak
4	1646.410	44.10	-22.11	21.99	54.00	-32.01	-	-	AVG
5	2408.419	43.87	-19.45	24.42	54.00	-29.58	-	-	AVG
6	2445.846	56.79	-19.37	37.42	74.00	-36.58	-	-	peak
7	3416.111	56.65	-15.31	41.34	74.00	-32.66	-	-	peak
8	3416.111	43.58	-15.31	28.27	54.00	-25.73	-	-	AVG
9	5538.256	55.98	-10.69	45.29	74.00	-28.71	-	-	peak
10	5595.485	43.06	-10.55	32.51	54.00	-21.49	-	-	AVG
11	11912.238	40.78	-2.60	38.18	54.00	-15.82	-	-	AVG
12	11973.627	53.93	-2.47	51.46	74.00	-22.54	-	-	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 *******