

# TEST REPORT

Reference No..... : WTX22X08156486W010  
FCC ID..... : YHLBLUF92E  
Applicant..... : BLU Products, Inc.  
Address..... : 10814 NW 33rd St # 100 Doral, FL 33172,USA  
Manufacturer..... : The same as Applicant  
Address..... : The same as Applicant  
Product Name..... : Smart Phone  
Model No..... : F92e 5G  
Standards..... : **FCC PART15 SUBPART B**  
Date of Receipt sample.... : 2022-08-01  
Date of Test..... : 2022-08-01 to 2022-10-19  
Date of Issue..... : 2022-10-19  
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:



Jason Su

Approved by:



Silin Chen

**TABLE OF CONTENTS**

**1. GENERAL INFORMATION.....4**

1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....4

1.2 TEST STANDARDS.....9

1.3 TEST METHODOLOGY .....9

1.4 TEST FACILITY .....9

1.5 EUT SETUP AND OPERATION MODE .....10

1.6 MEASUREMENT UNCERTAINTY .....11

1.7 TEST EQUIPMENT LIST AND DETAILS .....12

**2. SUMMARY OF TEST RESULTS .....14**

**3. CONDUCTED EMISSIONS .....15**

3.1 TEST PROCEDURE.....15

3.2 BASIC TEST SETUP BLOCK DIAGRAM.....15

3.3 ENVIRONMENTAL CONDITIONS .....15

3.4 SUMMARY OF TEST RESULTS .....15

**4. RADIATED EMISSION .....18**

4.1 TEST PROCEDURE.....18

4.2 BLOCK DIAGRAM OF TEST SETUP .....18

4.3 TEST RECEIVER SETUP .....19

4.4 CORRECTED AMPLITUDE & MARGIN CALCULATION.....19

4.5 ENVIRONMENTAL CONDITIONS .....19

4.6 SUMMARY OF TEST RESULTS .....19

**Report version**

Version No.	Date of issue	Description
Rev.00	2022-10-19	Original
/	/	/

## 1. GENERAL INFORMATION

### 1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	Smart Phone
Trade Name:	BLU
Model No.:	F92e 5G
Adding Model(s):	/
Rated Voltage:	DC3.87V
Battery Capacity:	4900mAh(C886550500P)
Rated Power:	/
Power Adapter Model:	US-CR-2000 INPUT:AC100-240V 50/60Hz 0.3A Output:DC5V2000mA
Lowest Internal Frequency:	/
Highest Internal Frequency:	5825MHz
Classification of ITE:	Class B
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT:	
<b>2G</b>	
Support Networks:	GSM, GPRS, EDGE
Support Band:	GSM850/PCS1900
Uplink Frequency:	GSM/GPRS/EDGE 850: 824~849MHz GSM/GPRS/EDGE 1900: 1850~1910MHz
Downlink Frequency:	GSM/GPRS/EDGE 850: 869~894MHz GSM/GPRS/EDGE 1900: 1930~1990MHz
RF Output Power:	Normal: GSM850: 33.17dBm, GSM1900: 30.05dBm, EDGE850: 30.59dBm, EDGE1900: 25.60dBm Sar sensor: GSM1900: 27.20dBm, EDGE1900: 25.49dBm Receiver ON: GSM1900: 22.25dBm, EDGE1900: 25.46dBm Hotspot: GSM1900: 28.07dBm, EDGE1900: 25.52dBm
Type of Modulation:	GMSK, 8PSK
Type of Antenna:	Integral Antenna
Antenna Gain:	GSM850: -4.9dBi; GSM1900: -1.3dBi

GPRS/EDGE Class:	Class 12
<b>3G</b>	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Band:	WCDMA Band 2, WCDMA Band 4, WCDMA Band 5
Uplink Frequency:	WCDMA Band 2: 1850~1910MHz WCDMA Band 4: 1710-1755MHz WCDMA Band 5: 824~849MHz
Downlink Frequency:	WCDMA Band 2: 1930~1990MHz WCDMA Band 4: 2110-2155MHz WCDMA Band 5: 869~894MHz
RF Output Power:	Normal: WCDMA Band 2: 23.25dBm, WCDMA Band 4: 22.87dBm, WCDMA Band 5: 23.40dBm Sar sensor: WCDMA Band 2: 20.09dBm, WCDMA Band 4: 19.54dBm, Receiver ON: WCDMA Band 2: 19.11dBm, WCDMA Band 4: 18.53dBm, Hotspot: WCDMA Band 2: 21.14dBm, WCDMA Band 4: 20.59dBm,
Type of Modulation:	BPSK
Antenna Type:	Integral Antenna
Antenna Gain:	WCDMA Band 2: -1.3dBi, WCDMA Band 4: -1.5dBi, WCDMA Band 5: -4.9dBi
<b>4G</b>	
Support Networks:	FDD-LTE, TDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 12, 13, 17, 25, 26, 66, 71 TDD-LTE Band 41
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 13: Tx: 777-787MHz, FDD-LTE Band 17: Tx: 704-716MHz, FDD-LTE Band 25: Tx: 1850-1915MHz, FDD-LTE Band 26: Tx: 814-824MHz, FDD-LTE Band 26: Tx: 824-849MHz, TDD-LTE Band 41: Tx: 2496-2690MHz

	FDD-LTE Band 66: Tx: 1710-1780MHz, FDD-LTE Band 71: Tx: 663-698MHz,
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz, FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 13: Rx: 746-756MHz, FDD-LTE Band 17: Rx: 734-746MHz, FDD-LTE Band 25: Rx: 1930-1995MHz, FDD-LTE Band 26: Rx: 859-869MHz, FDD-LTE Band 26: Rx: 869-894MHz, TDD-LTE Band 41: Rx: 2496-2690MHz FDD-LTE Band 66: Rx: 2110-2200MHz, FDD-LTE Band 71: Rx: 617-652MHz,
RF Output Power:	Normal: FDD-LTE Band 2: 24.05dBm FDD-LTE Band 4: 24.01dBm FDD-LTE Band 5: 23.28dBm FDD-LTE Band 12: 24.01dBm FDD-LTE Band 13: 23.29dBm FDD-LTE Band 17: 23.53dBm FDD-LTE Band 25: 24.23dBm FDD-LTE Band 26(814-824MHz): 23.46dBm FDD-LTE Band 26(824-849MHz): 23.56dBm TDD-LTE Band 41: 22.99dBm FDD-LTE Band 66: 24.25dBm FDD-LTE Band 71: 24.23dBm Sar sensor: FDD-LTE Band 2: 20.67dBm FDD-LTE Band 4: 20.57dBm FDD-LTE Band 25: 21.08dBm TDD-LTE Band 41: 21.80dBm FDD-LTE Band 66: 20.97dBm Receiver ON: FDD-LTE Band 2: 19.86dBm FDD-LTE Band 4: 19.99dBm FDD-LTE Band 25: 20.09dBm TDD-LTE Band 41: 20.88 dBm FDD-LTE Band 66: 20.07dBm Hotspot: FDD-LTE Band 2: 21.86dBm FDD-LTE Band 4: 21.93dBm

	FDD-LTE Band 25: 22.08dBm TDD-LTE Band 41: 22.70dBm FDD-LTE Band 66: 22.62dBm,
Type of Modulation:	QPSK, 16QAM
Antenna Type:	Integral Antenna
Antenna Gain:	FDD-LTE Band 2: -1.3dBi, FDD-LTE Band 4: -1.5dBi, FDD-LTE Band 5: -4.9dBi, FDD-LTE Band 12: -4.6dBi, FDD-LTE Band 13: -4.5dBi, FDD-LTE Band 17: -4.7dBi, FDD-LTE Band 25: -1.5dBi, FDD-LTE Band 26(814-824MHz): -4.9dBi, FDD-LTE Band 26(824-849MHz): -4.9dBi, TDD-LTE Band 41: -1.2dBi, FDD-LTE Band 66: -1.6dBi FDD-LTE Band 71: -4.8dBi
<b>5G NR</b>	
Support Networks:	5G NR
Support Band:	n5; n41; n71
EN-DC Mode	DC_2A_n41A, DC_12A_n41A
Frequency Range:	5G NR n5: Tx: 824-849MHz, Rx: 869-894MHz
	5G NR n41: Tx: 2496-2690MHz, Rx: 2496-2690MHz
	5G NR n71: Tx: 663-698MHz, Rx: 617-652MHz
Modulation Type:	DFT-s-OFDM: PI/2 BPSK QPSK / 16QAM / 64QAM / 256QAM CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
Max.RF Output Power:	Normal: 5G NR n5: 24.77dBm, 5G NR n41: 23.98dBm, 5G NR n71: 23.68dBm Sar sensor: 5G NR n41: 20.91dBm Receiver ON: 5G NR n41: 19.99dBm Hotspot: 5G NR n41: 20.89dBm
Antenna Type:	Integral Antenna
Antenna Gain:	5G NR n5: -4.9dBi 5G NR n41: -1.2dBi 5G NR n71: -4.8dBi
<b>WIFI(5GHz)</b>	
Support Standards:	802.11a, 802.11n-HT20/40, 802.11ac-VHT80
Frequency Range:	Band 1: 5180-5240MHz, Band 2: 5260-5320MHz, Band 3: 5500-5700MHz, Band 4: 5745-5825MHz

RF Output Power:	Normal: 15.43dBm (Conducted) Receiver ON: 13.46dBm (Conducted)
Type of Modulation:	QPSK, 16QAM, 64QAM
Type of Antenna:	Integral Antenna
Antenna Gain:	-1.2dBi
<b>WIFI(2.4GHz)</b>	
Support Standards:	802.11b, 802.11g, 802.11n
Frequency Range:	2412-2462MHz for 802.11b/g/n-HT20 2422-2452MHz for 802.11n-HT40
RF Output Power:	Normal: 19.30dBm (Conducted) Receiver ON: 14.64dBm (Conducted)
Type of Modulation:	DBPSK,BPSK,DQPSK,QPSK,16QAM,64QAM
Data Rate:	1-11Mbps, 6-54Mbps, up to 150Mbps
Quantity of Channels:	11 for 802.11b/g/n-HT20 7 for 802.11n-HT40
Channel Separation:	5MHz
Antenna Type:	Integral Antenna
Antenna Gain:	-1.0dBi
<b>Bluetooth</b>	
Bluetooth Version:	V5.1
Frequency Range:	2402-2480MHz
RF Output Power:	1.51dBm (Conducted)
Data Rate:	1Mbps, 2Mbps, 3Mbps
Modulation:	GFSK, $\pi/4$ DQPSK, 8DPSK
Quantity of Channels:	79/40
Channel Separation:	1MHz/2MHz
Antenna Type:	Integral Antenna
Antenna Gain:	-1.0dBi
<i>Note: The Antenna Gain is provided by the customer and can affect the validity of results.</i>	



## 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:

<b>Test Mode List</b>			
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	Receiver	DC3.87V
TM7	WCDMA	Receiver	DC3.87V
TM8	LTE	Receiver	DC3.87V
TM9	5G NR	Receiver	DC3.87V
TM10	WIFI	Receiver	DC3.87V
TM11	BT	Receiver	DC3.87V

Remark: Only show the worst case(TM1-TM5) in the test report.

<b>EUT Cable List and Details</b>				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
USB Cable	1.0	Shielded	Without Ferrite	/
Headset Cable	1.2	Unshielded	Without Ferrite	/

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

<b>Auxiliary Equipment List and Details</b>			
Description	Manufacturer	Model	Serial Number
Notebook	ASUS	FA5061C	M8NRCX057996349

## 1.6 Measurement Uncertainty

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

## 1.7 Test Equipment List and Details

Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
<input checked="" type="checkbox"/> Chamber A: Below 1GHz					
Spectrum Analyzer	Rohde & Schwarz	FSP	836079/03 5	2022-03-22	2023-03-21
EMI Test Receiver	Rohde & Schwarz	ESVB	825471/00 5	2022-03-22	2023-03-21
Amplifier	Agilent	8447F	3113A067 17	2022-01-07	2023-01-06
Loop Antenna	Schwarz beck	FMZB 1516	9773	2021-03-20	2023-03-19
Trilog Broadband Antenna	Schwarz beck	VULB9163	9163-333	2021-03-20	2023-03-19
<input type="checkbox"/> Chamber A: Above 1GHz					
Amplifier	C&D	PAP-1G18	2002	2022-03-22	2023-03-21
Horn Antenna	ETS	3117	00086197	2021-03-19	2023-03-18
<input type="checkbox"/> Chamber B: Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2022-03-22	2023-03-21
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2021-04-09	2023-04-08
Amplifier	Agilent	8447D	2944A101 79	2022-03-22	2023-03-21
<input type="checkbox"/> Chamber C: Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2022-01-07	2023-01-06
Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2021-05-28	2023-05-27
Amplifier	HP	8447F	2944A038 69	2022-03-22	2023-03-21
<input checked="" type="checkbox"/> Conducted Room 1#					
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2022-03-25	2023-03-24
EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2022-03-22	2023-03-21
AC LISN	Schwarz beck	NSLK8126	8126-224	2022-03-22	2023-03-21
<input type="checkbox"/> Conducted Room 2#					
EMI Test Receiver	Rohde & Schwarz	ESPI	10129	2022-03-22	2023-03-21
LISN	Rohde & Schwarz	ENV 216	100097	2022-03-22	2023-03-21

<b>Software List</b>			
<b>Description</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Version</b>
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

---

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

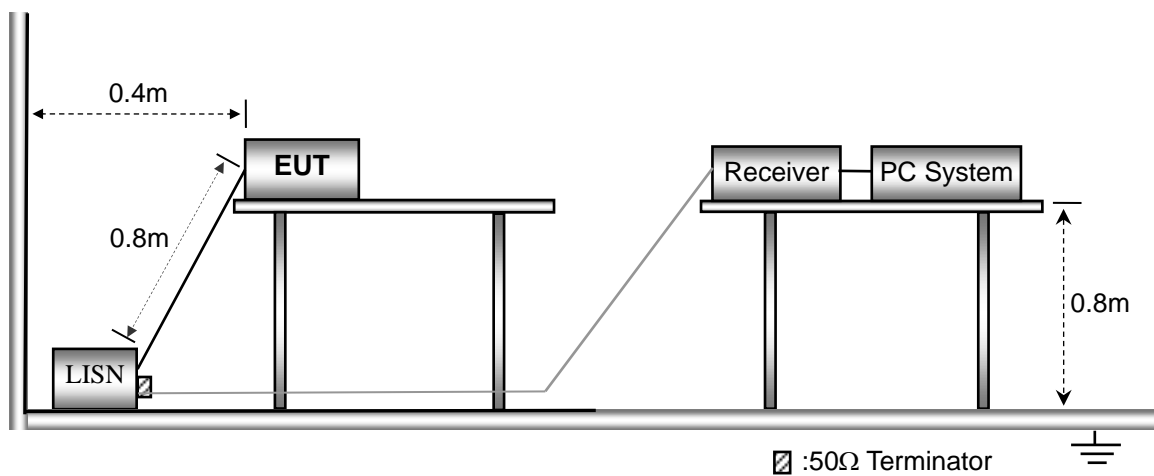
N/A: not applicable

### 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



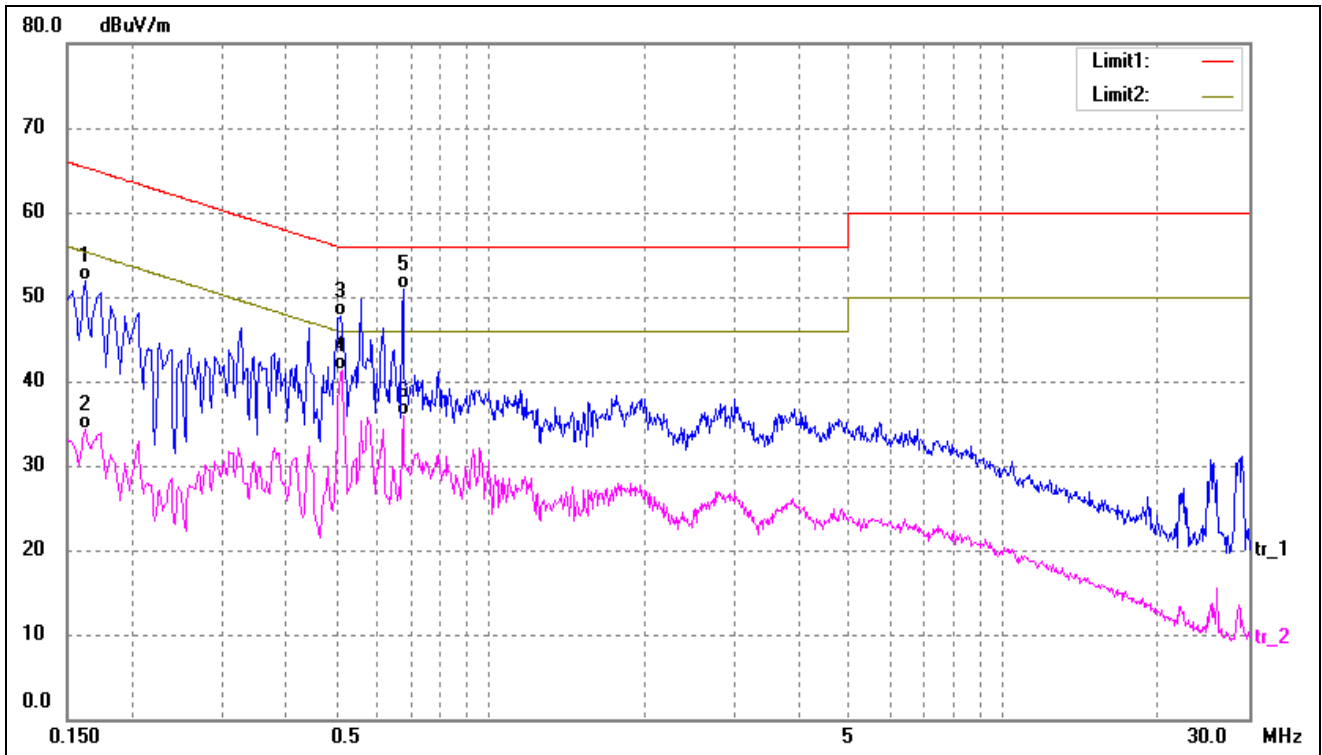
#### 3.3 Environmental Conditions

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

#### 3.4 Summary of Test Results

Please find the results below:

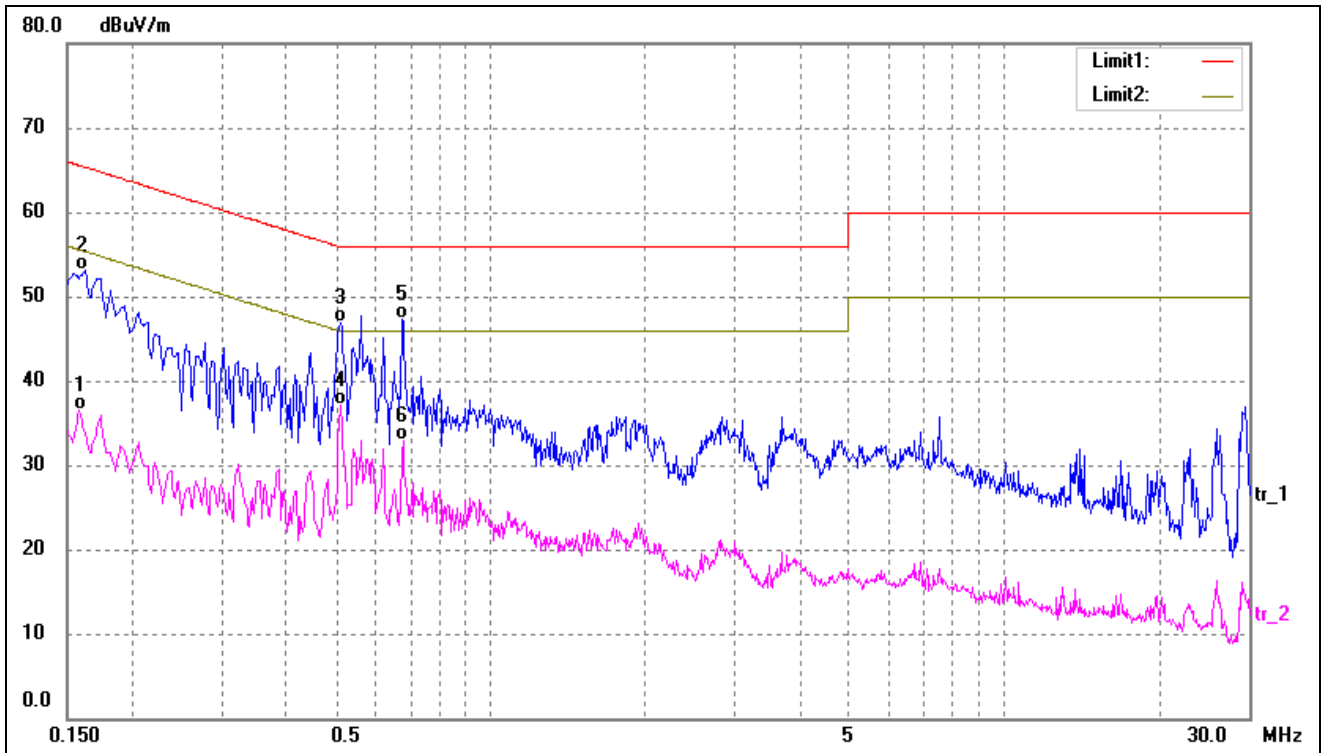
Test mode:	TM1	Polarity:	Line
------------	-----	-----------	------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1620	41.56	10.31	51.87	65.36	-13.49	QP
2	0.1620	23.99	10.31	34.30	55.36	-21.06	AVG
3	0.5100	37.42	10.22	47.64	56.00	-8.36	QP
4*	0.5140	31.02	10.22	41.24	46.00	-4.76	AVG
5	0.6780	40.78	10.20	50.98	56.00	-5.02	QP
6	0.6780	25.72	10.20	35.92	46.00	-10.08	AVG



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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1580	26.24	10.31	36.55	55.56	-19.01	AVG
2	0.1620	42.75	10.31	53.06	65.36	-12.30	QP
3	0.5100	36.60	10.22	46.82	56.00	-9.18	QP
4	0.5100	26.84	10.22	37.06	46.00	-8.94	AVG
5*	0.6740	37.20	10.20	47.40	56.00	-8.60	QP
6	0.6780	22.74	10.20	32.94	46.00	-13.06	AVG

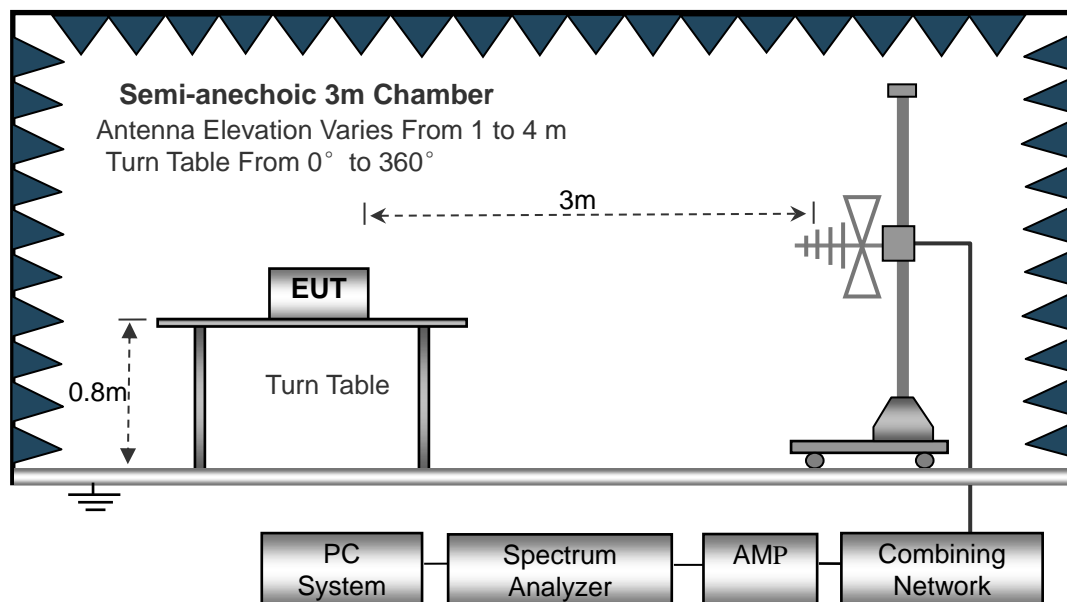
## 4. RADIATED EMISSION

### 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 -6dB $\mu$ V means the emission is 6dB $\mu$ V 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

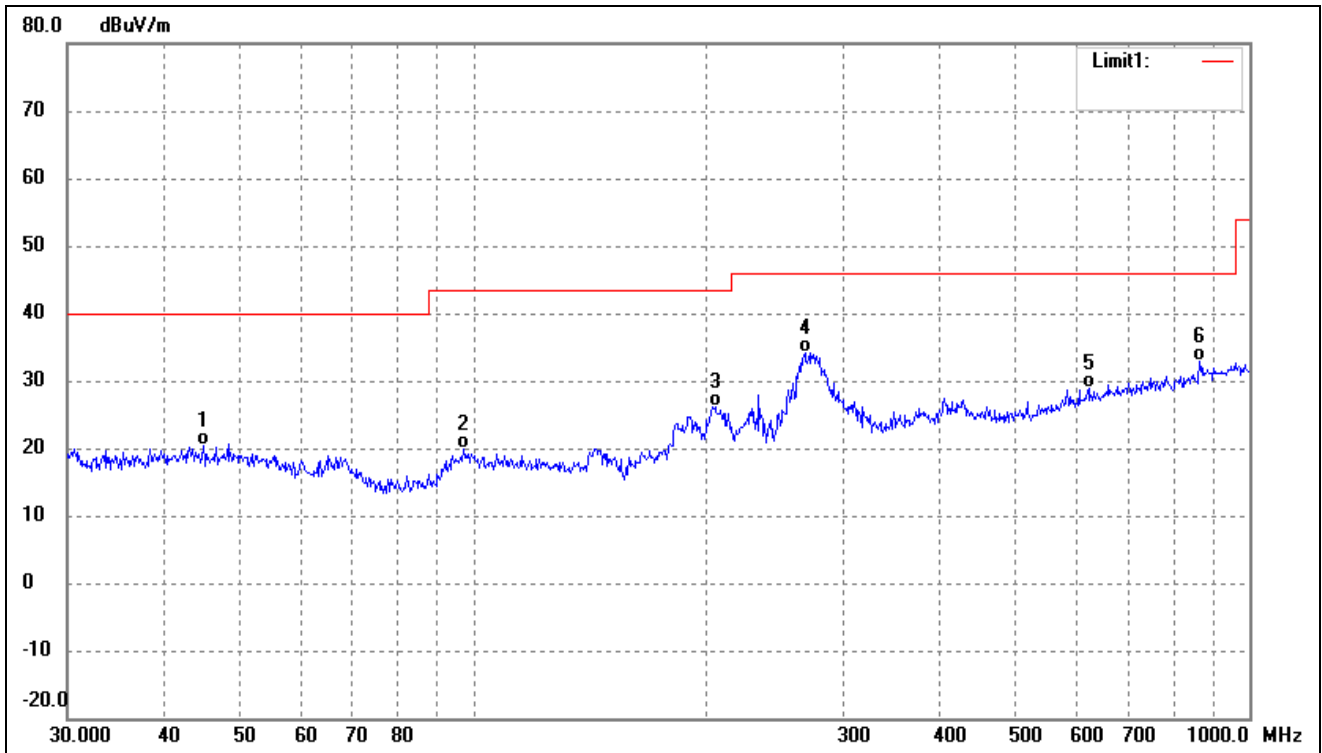
Temperature:	22.5°C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

### 4.6 Summary of Test Results

Please find the results below:

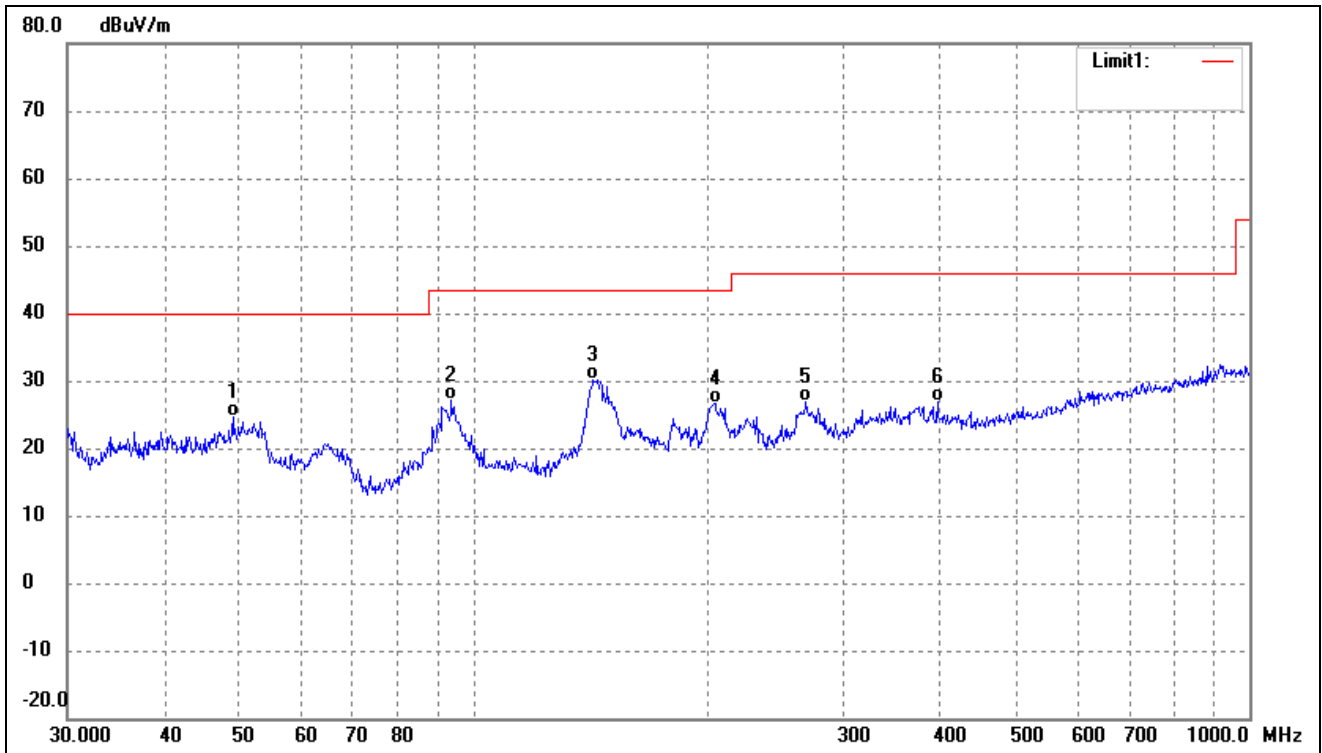
**Below 1GHz**

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



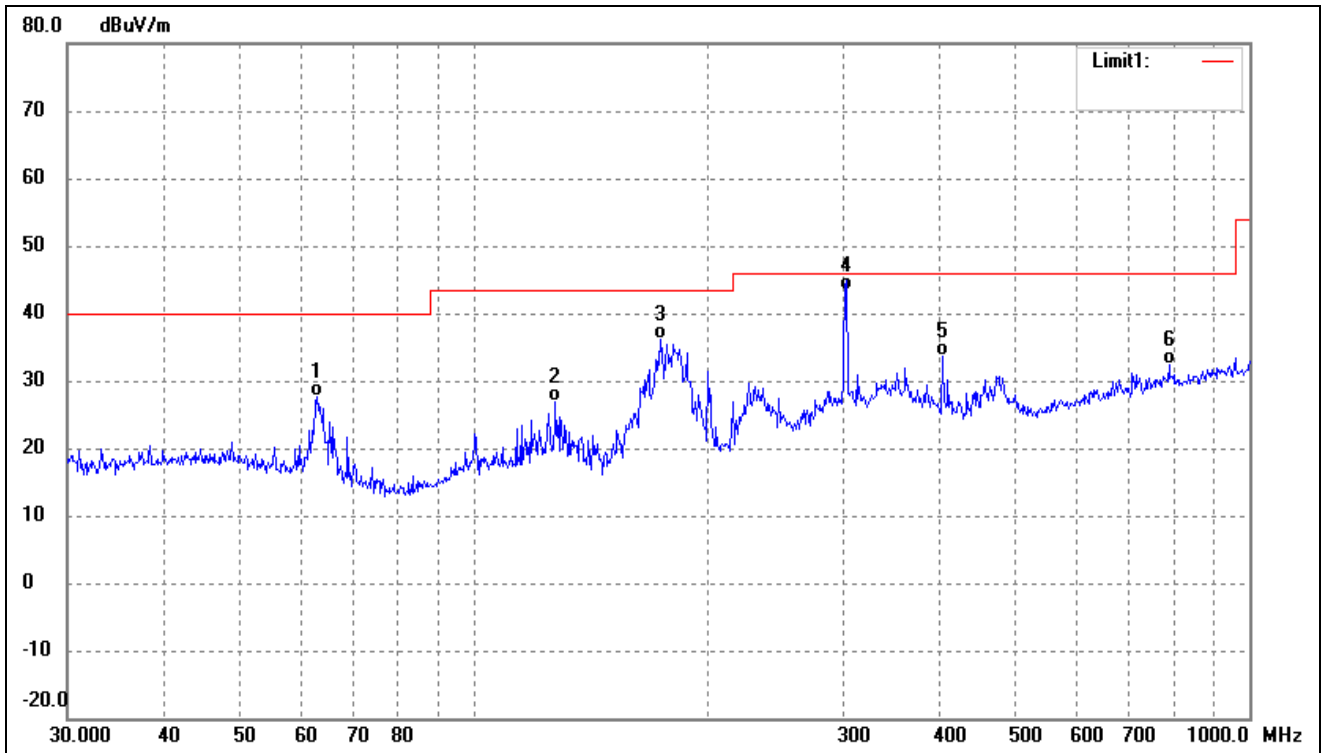
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	44.9006	16.33	3.93	20.26	40.00	-19.74	-	-	QP
2	97.1148	17.44	2.36	19.80	43.50	-23.70	-	-	QP
3	204.9551	23.09	3.12	26.21	43.50	-17.29	-	-	QP
4*	267.5455	28.91	5.33	34.24	46.00	-11.76	-	-	QP
5	620.7096	17.09	11.78	28.87	46.00	-17.13	-	-	QP
6	863.0562	17.76	15.04	32.80	46.00	-13.20	-	-	QP

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



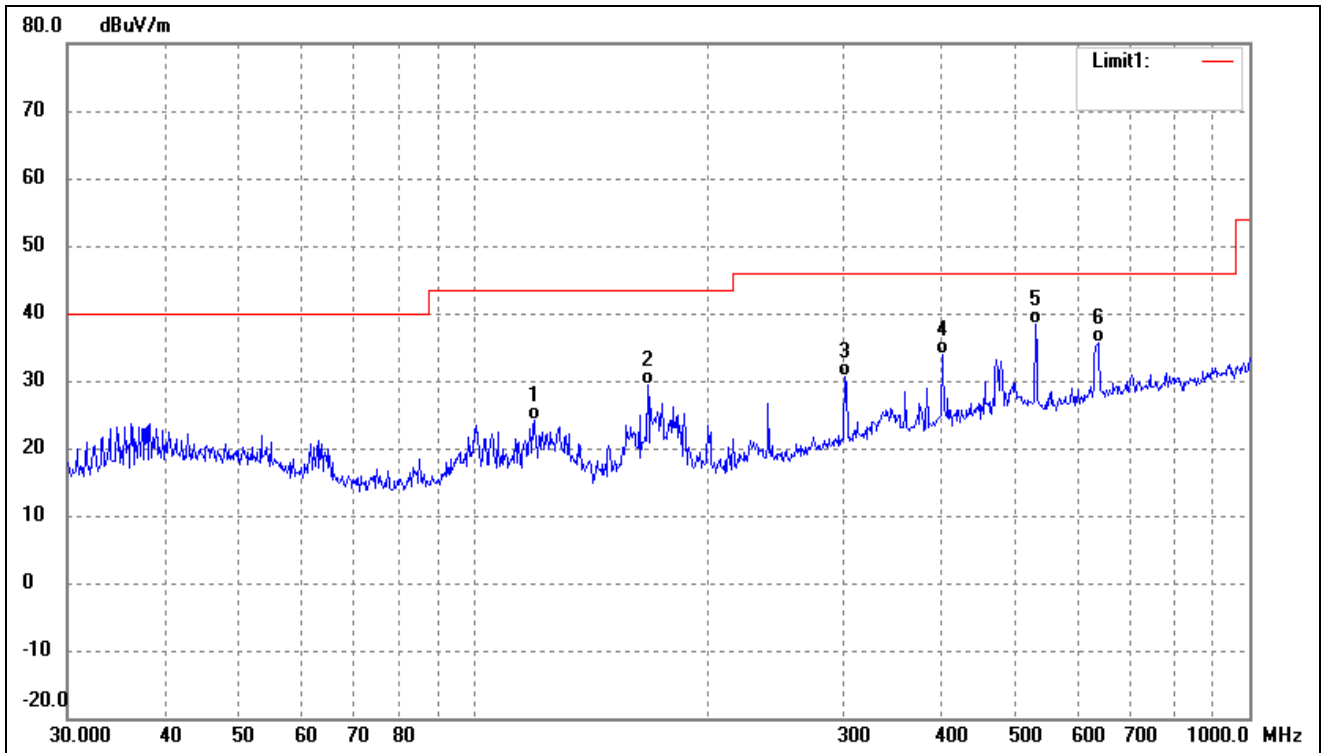
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	49.0145	20.84	3.86	24.70	40.00	-15.30	-	-	QP
2	93.7685	25.59	1.43	27.02	43.50	-16.48	-	-	QP
3*	142.8243	30.32	-0.14	30.18	43.50	-13.32	-	-	QP
4	204.9551	23.48	3.12	26.60	43.50	-16.90	-	-	QP
5	268.4853	21.55	5.35	26.90	46.00	-19.10	-	-	QP
6	396.2415	18.76	8.09	26.85	46.00	-19.15	-	-	QP

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



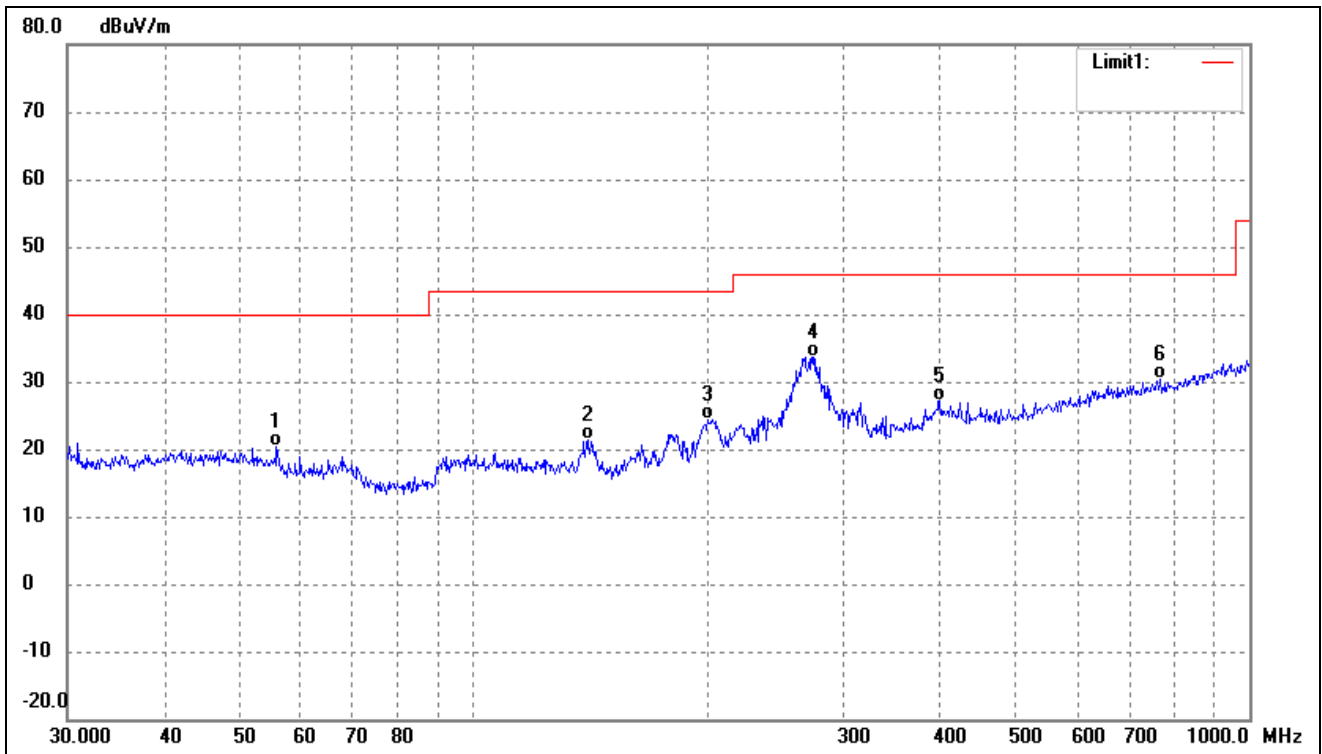
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	62.8708	37.79	-10.27	27.52	40.00	-12.48	-	-	QP
2	127.6645	37.68	-10.70	26.98	43.50	-16.52	-	-	QP
3	174.4241	46.91	-10.87	36.04	43.50	-7.46	-	-	QP
4	302.4812	48.60	-5.32	43.28	46.00	-2.72	-	-	QP
5	401.8385	37.23	-3.61	33.62	46.00	-12.38	-	-	QP
6	787.8513	30.40	2.06	32.46	46.00	-13.54	-	-	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	119.8555	33.39	-9.34	24.05	43.50	-19.45	-	-	QP
2	167.8242	40.55	-11.21	29.34	43.50	-14.16	-	-	QP
3	301.4223	35.97	-5.33	30.64	46.00	-15.36	-	-	QP
4	401.8385	37.58	-3.61	33.97	46.00	-12.03	-	-	QP
5	530.1014	40.22	-1.78	38.44	46.00	-7.56	-	-	QP
6	638.3686	35.43	0.24	35.67	46.00	-10.33	-	-	QP

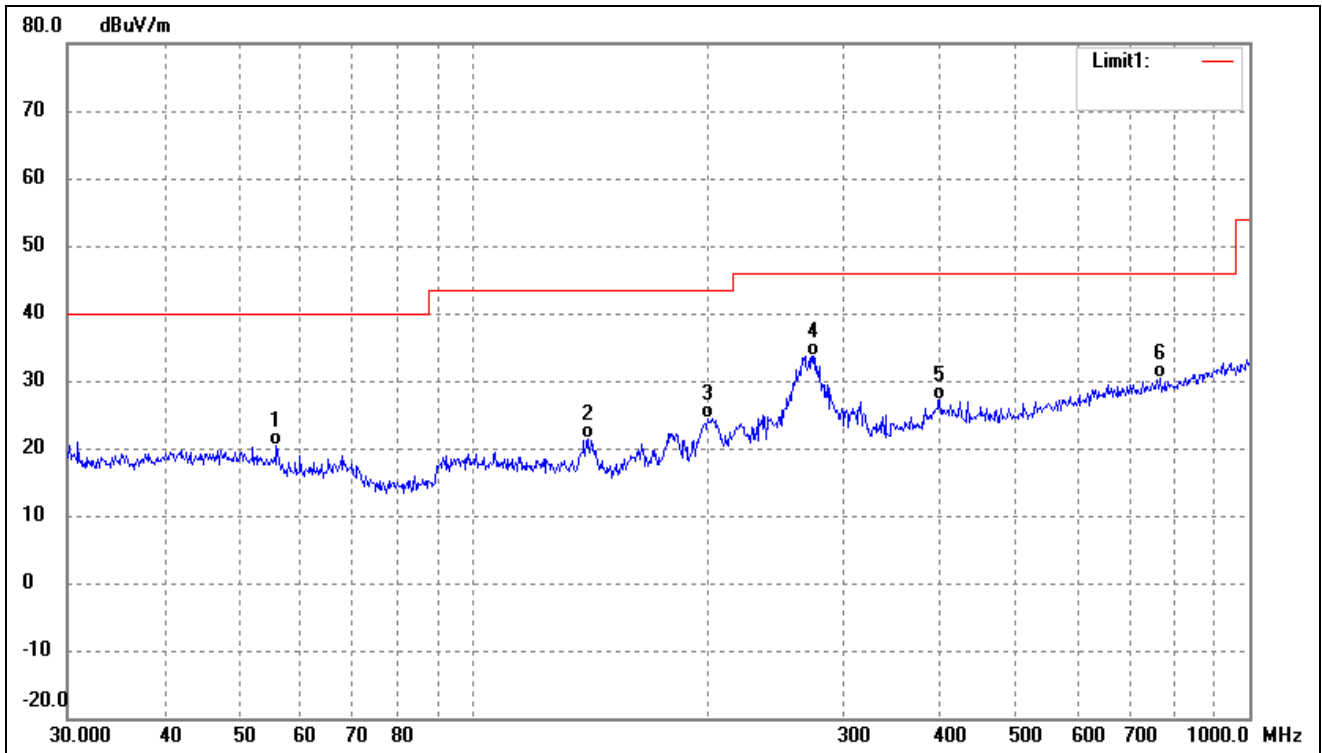
Test mode:	TM3	Polarity:	Horizontal
------------	-----	-----------	------------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	55.8047	17.50	2.84	20.34	40.00	-19.66	-	-	QP
2	140.3421	21.54	-0.08	21.46	43.50	-22.04	-	-	QP
3	200.6881	21.32	2.97	24.29	43.50	-19.21	-	-	QP
4*	274.1939	28.16	5.56	33.72	46.00	-12.28	-	-	QP
5	399.0302	19.04	8.15	27.19	46.00	-18.81	-	-	QP
6	768.7481	16.66	13.66	30.32	46.00	-15.68	-	-	QP

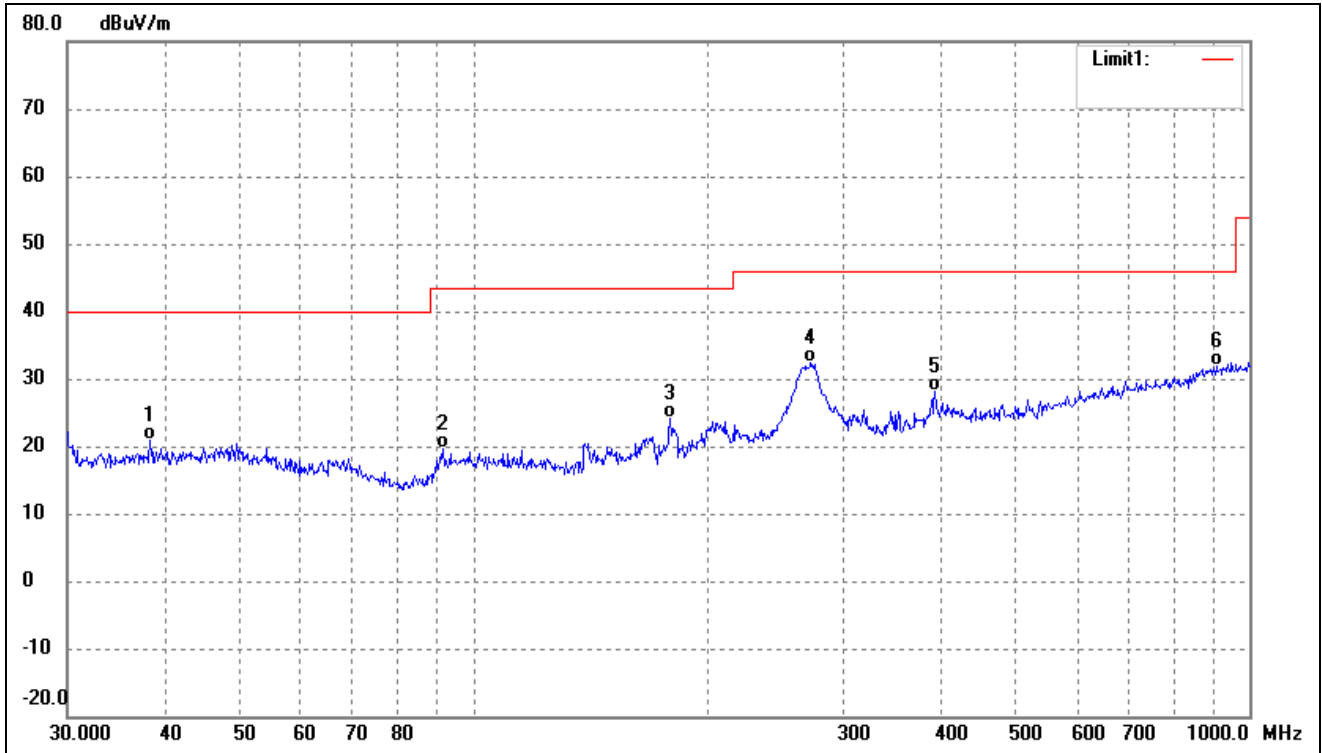


Test mode:	TM3	Polarity:	Vertical
------------	-----	-----------	----------



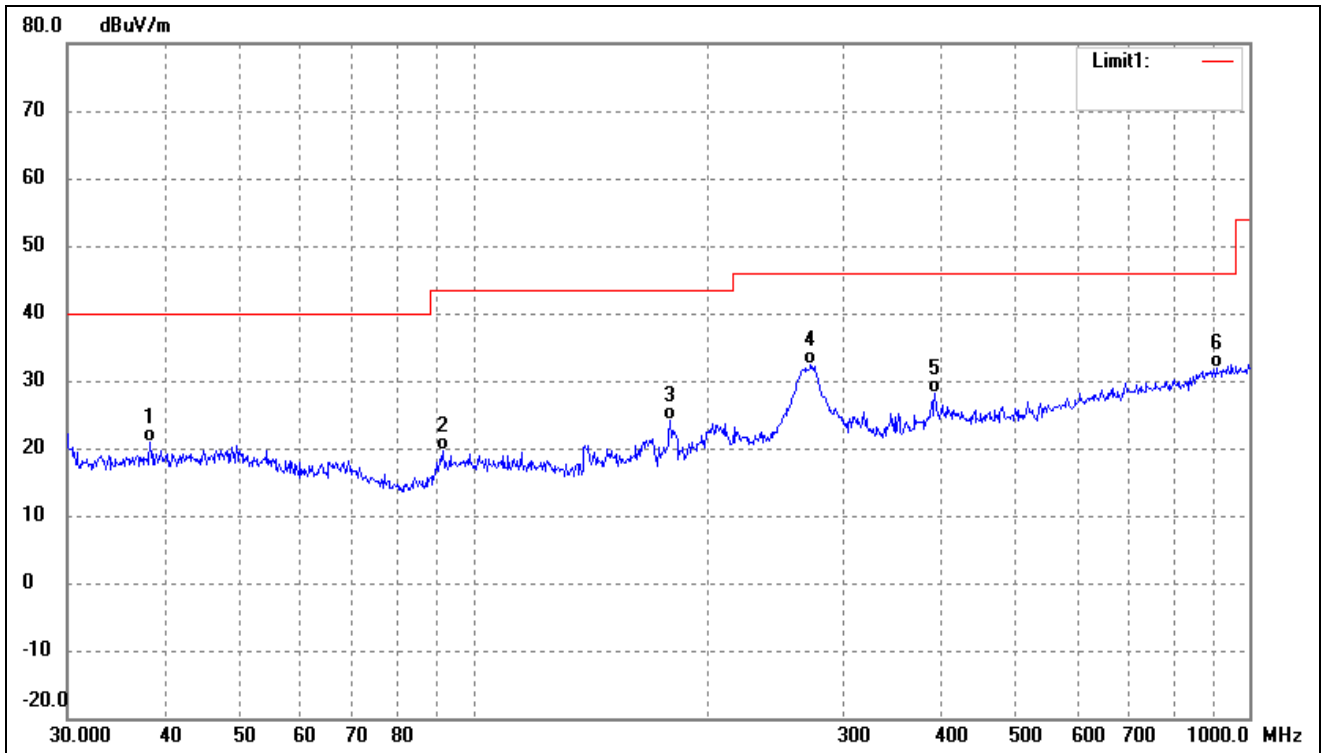
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	55.8047	17.50	2.84	20.34	40.00	-19.66	-	-	QP
2	140.3421	21.54	-0.08	21.46	43.50	-22.04	-	-	QP
3	200.6881	21.32	2.97	24.29	43.50	-19.21	-	-	QP
4*	274.1939	28.16	5.56	33.72	46.00	-12.28	-	-	QP
5	399.0302	19.04	8.15	27.19	46.00	-18.81	-	-	QP
6	768.7481	16.66	13.66	30.32	46.00	-15.68	-	-	QP

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



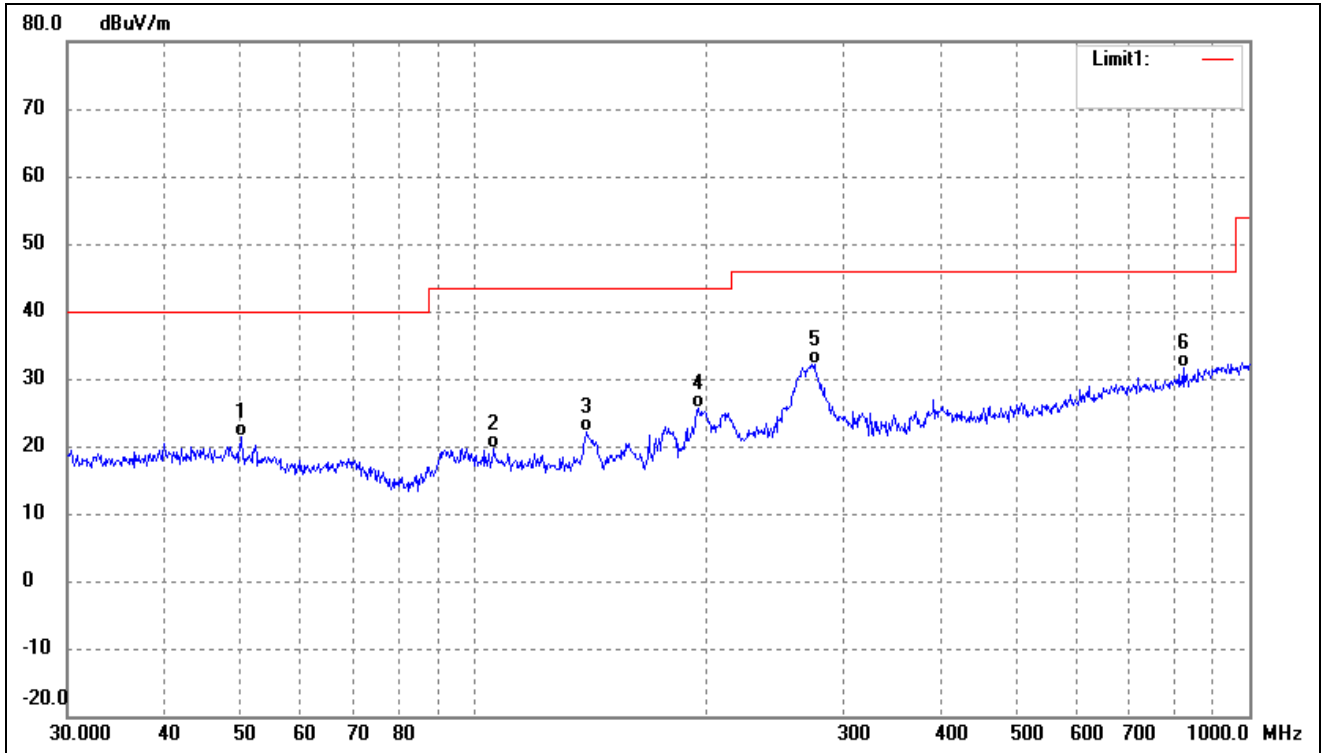
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	38.3462	17.20	3.66	20.86	40.00	-19.14	-	-	QP
2	91.4949	18.82	0.79	19.61	43.50	-23.89	-	-	QP
3	179.3863	22.89	1.20	24.09	43.50	-19.41	-	-	QP
4*	272.2776	26.92	5.48	32.40	46.00	-13.60	-	-	QP
5	393.4723	20.12	8.05	28.17	46.00	-17.83	-	-	QP
6	906.4824	16.20	15.75	31.95	46.00	-14.05	-	-	QP

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



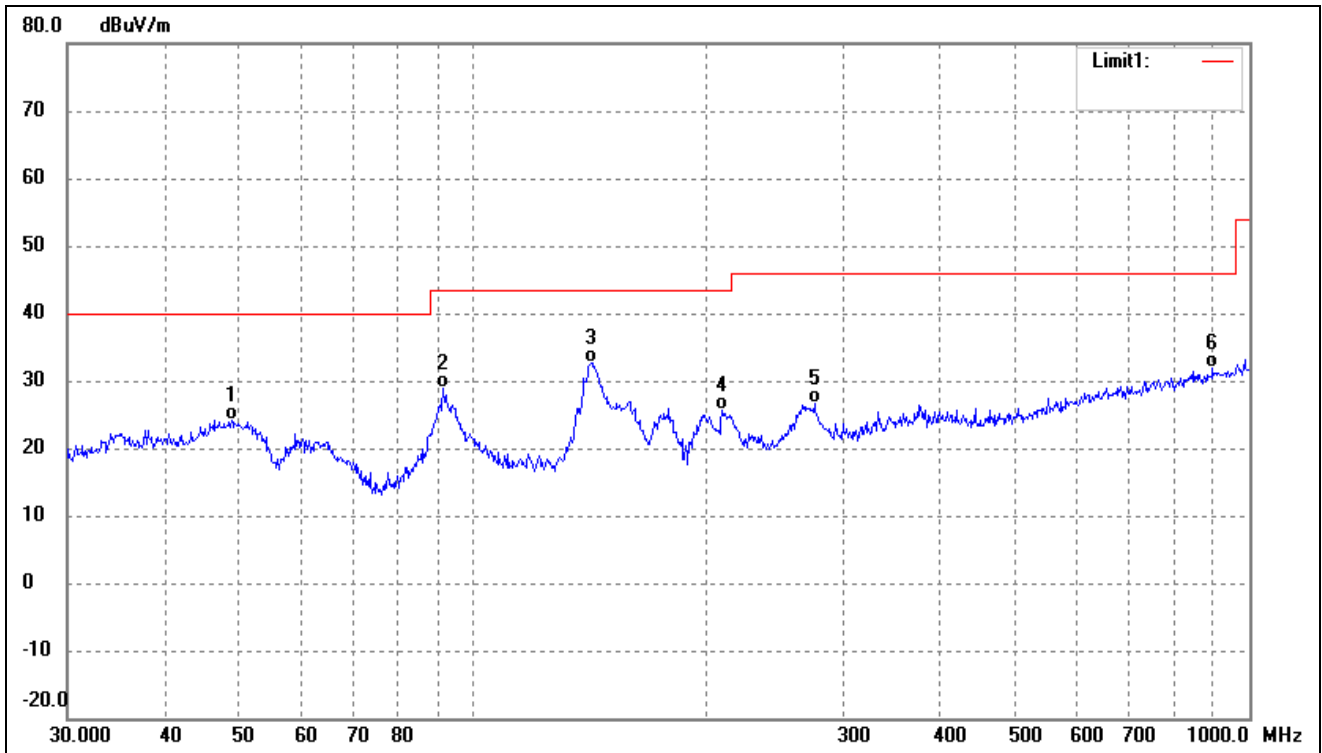
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	38.3462	17.20	3.66	20.86	40.00	-19.14	-	-	QP
2	91.4949	18.82	0.79	19.61	43.50	-23.89	-	-	QP
3	179.3863	22.89	1.20	24.09	43.50	-19.41	-	-	QP
4*	272.2776	26.92	5.48	32.40	46.00	-13.60	-	-	QP
5	393.4723	20.12	8.05	28.17	46.00	-17.83	-	-	QP
6	906.4824	16.20	15.75	31.95	46.00	-14.05	-	-	QP

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	50.2324	17.48	3.80	21.28	40.00	-18.72	-	-	QP
2	106.3850	16.51	3.13	19.64	43.50	-23.86	-	-	QP
3	139.8508	22.24	-0.06	22.18	43.50	-21.32	-	-	QP
4	195.1365	22.95	2.75	25.70	43.50	-17.80	-	-	QP
5*	275.1570	26.57	5.59	32.16	46.00	-13.84	-	-	QP
6	821.7103	17.40	14.35	31.75	46.00	-14.25	-	-	QP

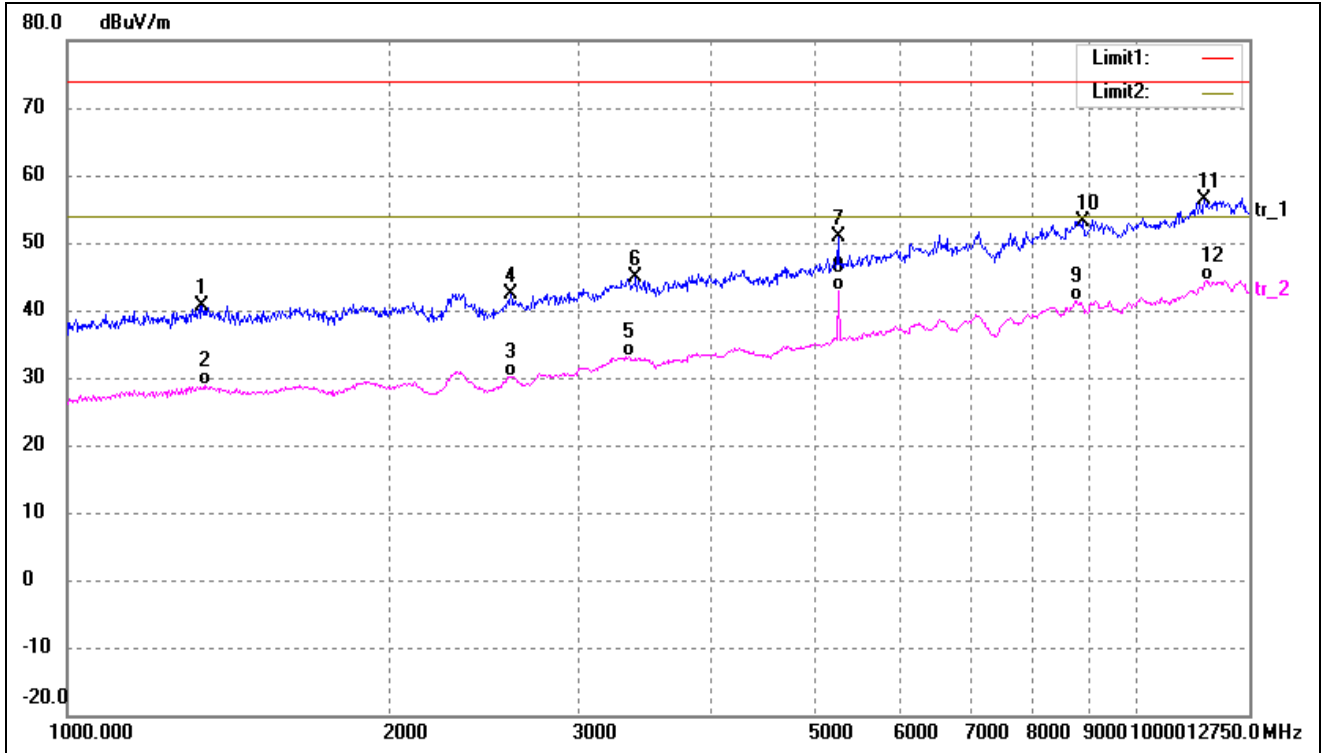
Test mode:	TM5	Polarity:	Vertical
------------	-----	-----------	----------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	48.8429	20.22	3.85	24.07	40.00	-15.93	-	-	QP
2	91.4949	28.01	0.79	28.80	43.50	-14.70	-	-	QP
3*	141.8262	32.68	-0.11	32.57	43.50	-10.93	-	-	QP
4	209.3129	22.34	3.28	25.62	43.50	-17.88	-	-	QP
5	275.1570	21.06	5.59	26.65	46.00	-19.35	-	-	QP
6	896.9965	16.23	15.65	31.88	46.00	-14.12	-	-	QP

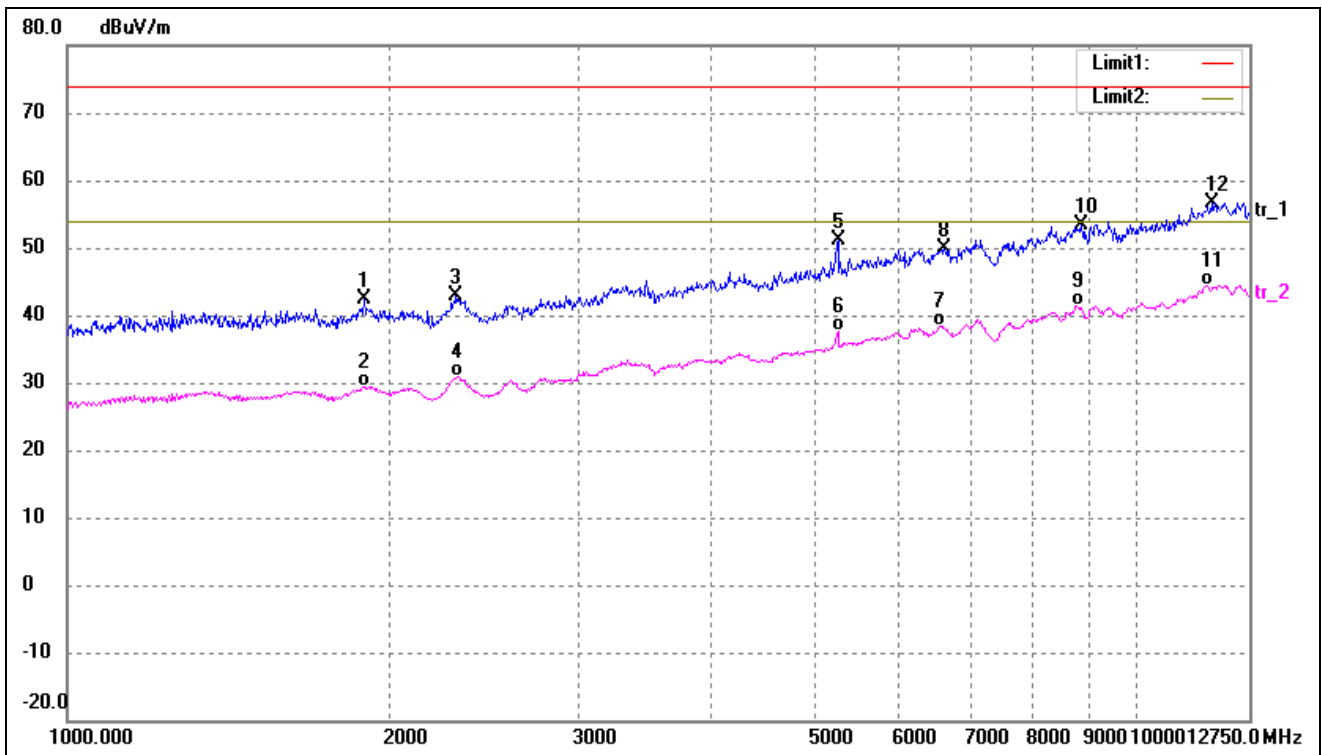
**Above 1GHz**

Test mode:	TM1 (worst case)	Polarity:	Horizontal
------------	------------------	-----------	------------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	1336.682	54.34	-13.65	40.69	74.00	-33.31	-	-	peak
2	1343.505	42.55	-13.62	28.93	54.00	-25.07	-	-	AVG
3	2590.961	40.53	-10.32	30.21	54.00	-23.79	-	-	AVG
4	2597.564	52.73	-10.29	42.44	74.00	-31.56	-	-	peak
5	3350.559	41.36	-8.29	33.07	54.00	-20.93	-	-	AVG
6	3402.126	53.08	-8.21	44.87	74.00	-29.13	-	-	peak
7	5257.662	55.36	-4.54	50.82	74.00	-23.18	-	-	peak
8	5257.662	47.44	-4.54	42.90	54.00	-11.10	-	-	AVG
9	8792.365	39.99	1.35	41.34	54.00	-12.66	-	-	AVG
10	8904.986	51.62	1.55	53.17	74.00	-20.83	-	-	peak
11	11574.462	51.18	5.27	56.45	74.00	-17.55	-	-	peak
12*	11663.189	39.03	5.44	44.47	54.00	-9.53	-	-	AVG

Test mode:	TM1 (worst case)	Polarity:	Vertical
------------	------------------	-----------	----------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Detector
1	1894.449	54.27	-11.99	42.28	74.00	-31.72	-	-	peak
2	1894.449	41.34	-11.99	29.35	54.00	-24.65	-	-	AVG
3	2310.537	53.91	-11.07	42.84	74.00	-31.16	-	-	peak
4	2316.426	41.98	-11.05	30.93	54.00	-23.07	-	-	AVG
5	5257.662	55.68	-4.54	51.14	74.00	-22.86	-	-	peak
6	5257.662	42.20	-4.54	37.66	54.00	-16.34	-	-	AVG
7	6544.350	40.22	-1.82	38.40	54.00	-15.60	-	-	AVG
8	6611.326	51.71	-1.74	49.97	74.00	-24.03	-	-	peak
9	8792.365	40.07	1.35	41.42	54.00	-12.58	-	-	AVG
10	8882.347	51.93	1.51	53.44	74.00	-20.56	-	-	peak
11*	11663.189	39.00	5.44	44.44	54.00	-9.56	-	-	AVG
12	11752.597	51.04	5.60	56.64	74.00	-17.36	-	-	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.

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