



中国认可
国际互认
检测
TESTING
CNAS L3193

TEST REPORT

Applicant Name : Grandstream Networks, Inc.
Address : 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA
Report Number: SZ1220620-27490E-EM-01
FCC ID: YZZHT801V60

Test Standard (s)

FCC Rules and Regulations Part 15 Subpart B

Sample Description

Product: Analog Telephone Adapter
Trade Mark: GRANDSTREAM
Tested Model: HT801
Date Received: 2022-06-20
Date of Test: 2022-06-29 to 2022-07-15
Report Date: 2022-07-23

Test Result:	Pass*
--------------	-------

* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Zeki Ma

Zeki Ma
EMC Engineer

Approved By:

Candy Li

Candy Li
EMC Engineer

Note: This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "★".

Shenzhen Accurate Technology Co., Ltd. is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with an asterisk "*". Customer model name, addresses, names, trademarks etc. are not considered data.

This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

Shenzhen Accurate Technology Co., Ltd.

1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China

Tel: +86 755-26503290

Fax: +86 755-26503396

Web: www.atc-lab.com

TABLE OF CONTENTS

1. TEST RESULTS SUMMARY	4
2. GENERAL INFORMATION.....	5
2.1. Description of Device (EUT).....	5
2.2. Test Mode=	5
2.3. Accessory and Auxiliary Equipment.....	6
2.4. Description of Test Facility.....	6
2.5. Measurement Uncertainty.....	6
3. MEASURING DEVICE AND TEST EQUIPMENT	7
3.1. For Conducted Emission Test.....	7
3.2. For Radiated Emission Measurement.....	7
4. POWER LINE CONDUCTED MEASUREMENT	8
4.1. Block Diagram of Test Setup.....	8
4.2. Power Line Conducted Emission Measurement Limits (Class B)	9
4.3. Manufacturer	9
4.4. Operating Condition of EUT	9
4.5. Test Procedure	9
4.6. Power Line Conducted Emission Measurement Results.....	10
5. RADIATED EMISSION MEASUREMENT	17
5.1. Block Diagram of Test Setup.....	17
5.2. Radiated Emission Limit (Class B)	18
5.3. Manufacturer	18
5.4. Operating Condition of EUT	18
5.5. Test Procedure	19
5.6. Radiated Emission Measurement Result	19

Test Report Declaration

Applicant : Grandstream Networks, Inc.
Manufacturer : Grandstream Networks, Inc.
Product : Analog Telephone Adapter
Model No. : HT801

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B ANSI C63.4-2014

The device described above is tested by Shenzhen Accurate Technology Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Shenzhen Accurate Technology Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Shenzhen Accurate Technology Co., Ltd.

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B, Section 15.107	Pass
Radiated Emission	FCC Part 15 Subpart B, Section 15.109	Pass

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product	:	Analog Telephone Adapter
Model No.	:	HT801
Rating	:	Input: DC 5V $\overline{=}$ 1.0A
Adapter 1	:	Switching Adapter Model: DSA-6PFG-05 FUS 050100 INPUT: 100-240V~50/60Hz 0.2A OUTPUT: +5.0V $\overline{=}$ 1.0A 5.0W Line Length: 1.50 meter
Adapter 2	:	Switching Adapter MODEL: GQ06-050100-ZU INPUT: 100-240V~50/60Hz 0.3A Max output: 5.0V $\overline{=}$ 1.0A Line Length: 1.50 meter
Adapter 3	:	AC/DC POWER ADAPTER MODEL: F06US0500100A INPUT: AC100~240V 50/60HZ 0.2A MAX OUTPUT: 5V $\overline{=}$ 1A Line Length: 1.50 meter
Remark(s)	:	The EUT's highest operating frequency is 400MHz, the radiated emission measurement shall be made up to 2GHz.
Applicant	:	Grandstream Networks, Inc.
Address	:	126 Brookline Ave., 3rd Floor Boston, MA 02215, USA
Manufacturer	:	Grandstream Networks, Inc.
Address	:	126 Brookline Ave., 3rd Floor Boston, MA 02215, USA
Sample Number	:	SZ1220620-27490E-EM-S1

2.2. Test Mode

Test Mode: Working (Operation Talking System)

2.3. Accessory and Auxiliary Equipment

Fixed-line Telephone : Model name: HCD6238(20)P/TSDL16
Telephone : Name: IP Multimedia Phone
Model name: ITX-3370-1W(BK)TEL
Telephone line length : 1.25 meter
RJ45 Cable length : 1.45 meter

2.4. Description of Test Facility

Name of Firm : Shenzhen Accurate Technology Co., Ltd.
Site Location : 1/F., Building A, Changyuan New Material Port, Science &
Industry Park, Nanshan District, Shenzhen, Guangdong,
P.R. China

2.5. Measurement Uncertainty

Conduction Emission Expanded Uncertainty : $U=2.72dB, k=2$
(0.15kHz-30MHz)
Radiated emission expanded uncertainty : $U=4.28dB, k=2$
(30MHz-1000MHz)
Radiated emission expanded uncertainty : $U=4.98dB, k=2$
(1GHz -18GHz)

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. For Conducted Emission Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
1.	EMI Test Receiver	Rohde & Schwarz	ESCI	100784	2021/12/13	2022/12/12
2.	L.I.S.N.	Rohde & Schwarz	ENV216	101314	2021/12/13	2022/12/12
3.	50 Coaxial Switch	Anritsu Corp	MP59B	6100237248	2021/12/13	2022/12/12
4.	RF Coaxial Cable	Unknown	No.17	N0350	2021/12/14	2022/12/13
5.	Conducted Emission Test Software: e3 19821b (V9)					

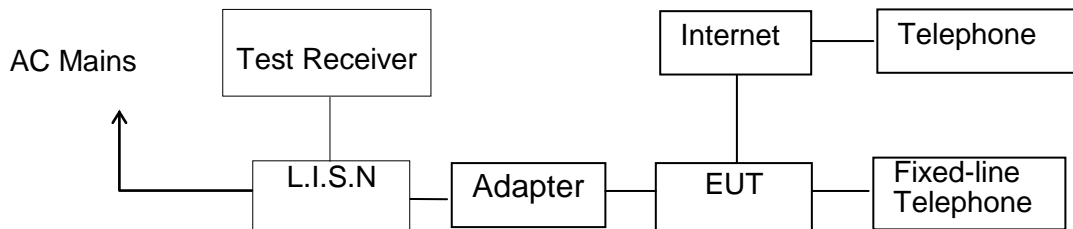
3.2. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
1.	Test Receiver	Rohde & Schwarz	ESR	102725	2021/12/13	2022/12/12
2.	Spectrum Analyzer	Rohde & Schwarz	FSV40	101949	2021/12/13	2022/12/12
3.	Amplifier	SONOMA INSTRUMENT	310 N	186131	2021/11/09	2022/11/08
6.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2021/07/06	2024/07/05
7.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	2020/01/05	2023/01/04
8.	A.H. Systems, inc.	Preamplifier	PAM-0118P	135	2021/11/09	2022/11/08
9.	RF Coaxial Cable	Unknown	No.10	N050	2021/12/14	2022/12/13
10.	RF Coaxial Cable	Unknown	No.11	N1000	2021/12/14	2022/12/13
11.	RF Coaxial Cable	Unknown	No.12	N040	2021/12/14	2022/12/13
12.	RF Coaxial Cable	Unknown	No.13	N300	2021/12/14	2022/12/13
13.	RF Coaxial Cable	Unknown	No.14	N800	2021/12/14	2022/12/13
14.	Radiated Emission Test Software: e3 19821b (V9)					

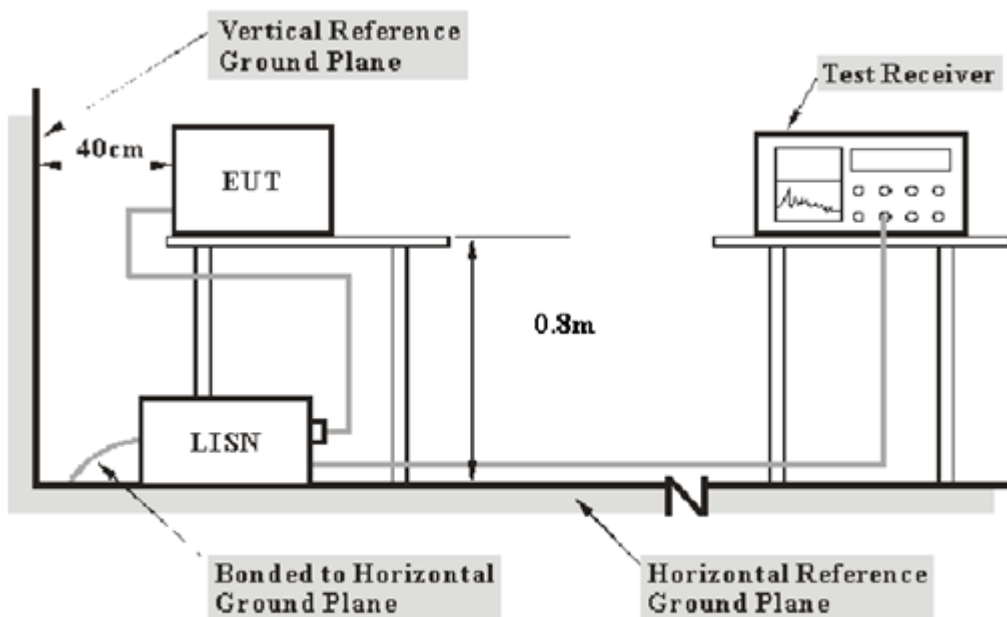
4. POWER LINE CONDUCTED MEASUREMENT

4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



4.1.2. Test System Setup



- Note:**
1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 10mm from EUT and at the least 80 cm from other units and other metal planes support units.

4.2. Power Line Conducted Emission Measurement Limits (Class B)

Frequency (MHz)	Limit dB(μ V)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

NOTE1: The lower limit shall apply at the transition frequencies.
NOTE2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

4.3. Manufacturer

The equipment are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

4.4. Operating Condition of EUT

- 4.4.1. Setup the EUT and simulator as shown as Section 4.1.
- 4.4.2. Turn on the power of all equipment.
- 4.4.3. Let the EUT work in test mode and measure it.

4.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4-2014 on Conducted Emission Measurement.

The bandwidth of test receiver is set at 9kHz.
The frequency range from 150kHz to 30MHz is checked.

Over Limit = Level (dB μ V) - Limit (dB μ V)

4.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

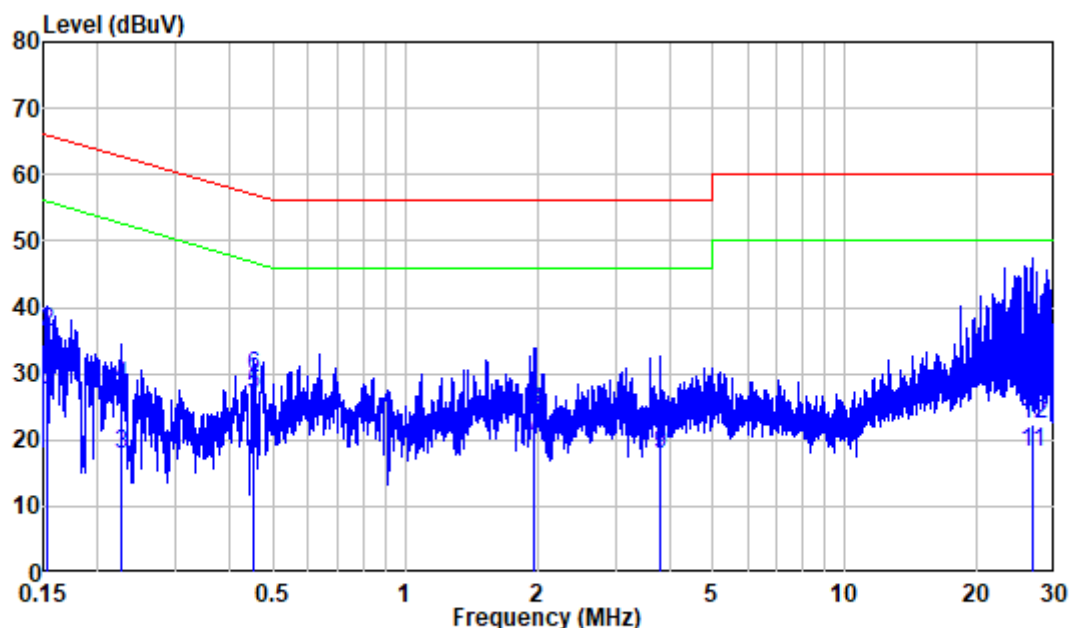
Maximizing procedure was performed on the six (6) highest emissions of the EUT. Emissions attenuated more than 20 dB below the permissible value are not reported.

All data was recorded in the Quasi-peak and average detection mode.

The spectral diagrams are attached as below.

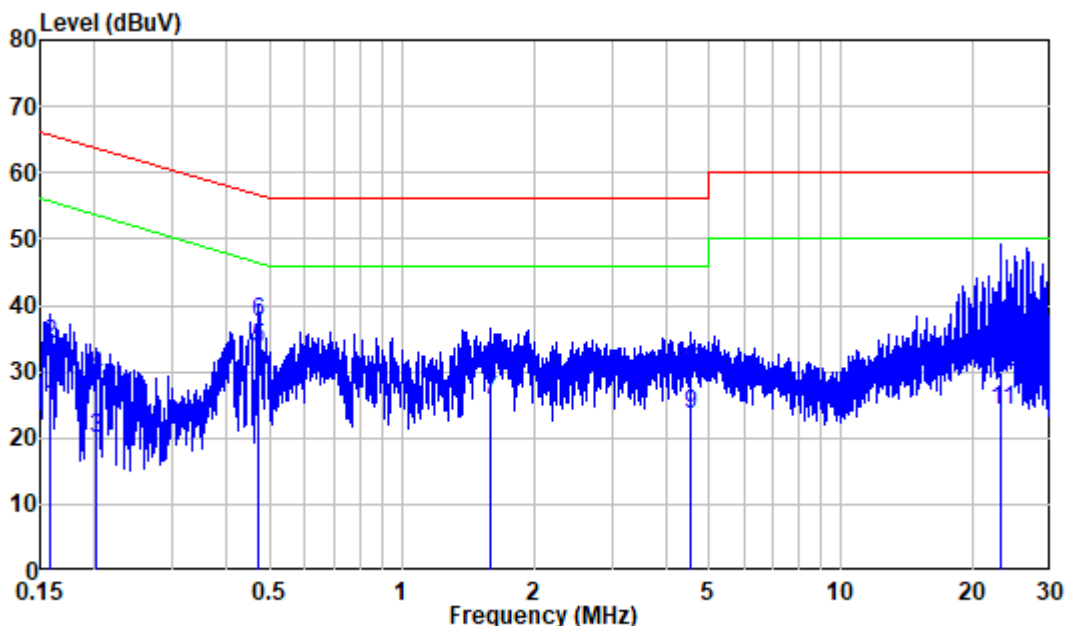
Job No.:	SZ1220620-27490E-00	Power:	AC 120V 60Hz
Eut No.:	SZ1220620-27490E-EM-S1	Test By:	Jason Liu
Eut:	Analog Telephone Adapter	Test item:	Conduction Test
Model:	HT801	Test standard:	FCC Part 15B
Climatic:	25° C 49%RH	Date:	2022.6.29

Adapter 1:



Site : Shielding Room
 Condition: Line
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : DSA-6PFG-05 FUS 050100

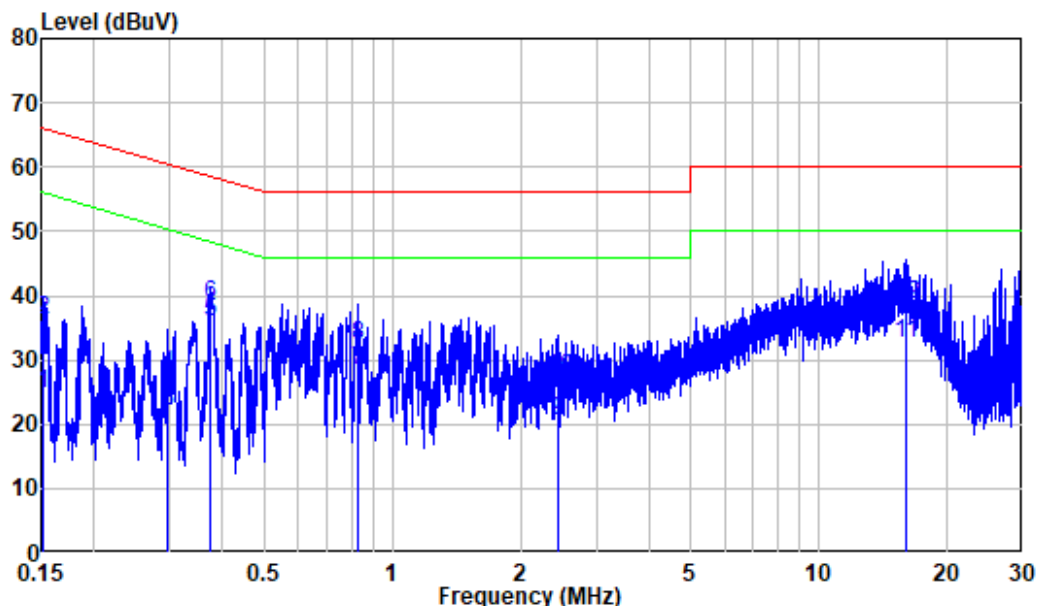
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.153	9.80	15.75	25.55	55.86	-30.31	Average
2	0.153	9.80	26.32	36.12	65.86	-29.74	QP
3	0.226	9.80	8.06	17.86	52.61	-34.75	Average
4	0.226	9.80	18.42	28.22	62.61	-34.39	QP
5	0.453	9.80	17.03	26.83	46.81	-19.98	Average
6	0.453	9.80	19.81	29.61	56.81	-27.20	QP
7	1.971	9.82	10.76	20.58	46.00	-25.42	Average
8	1.971	9.82	14.61	24.43	56.00	-31.57	QP
9	3.797	9.84	8.06	17.90	46.00	-28.10	Average
10	3.797	9.84	12.21	22.05	56.00	-33.95	QP
11	26.629	10.07	8.00	18.07	50.00	-31.93	Average
12	26.629	10.07	12.21	22.28	60.00	-37.72	QP



Site : Shielding Room
 Condition: Neutral
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : DSA-6PFG-05 FUS 050100

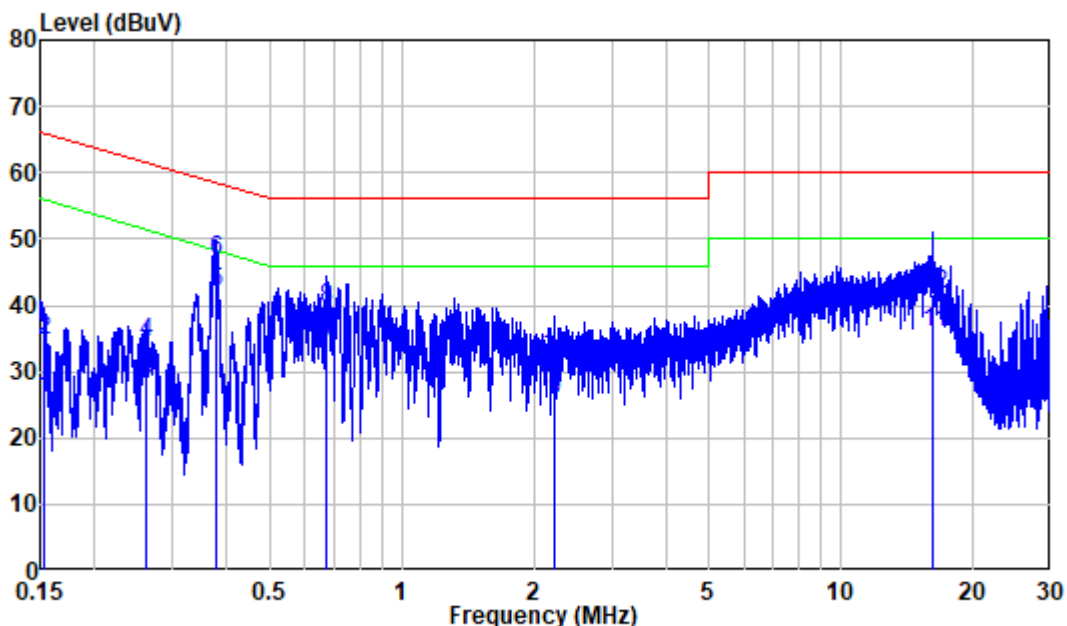
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.158	9.80	15.06	24.86	55.58	-30.72	Average
2	0.158	9.80	24.25	34.05	65.58	-31.53	QP
3	0.201	9.80	10.25	20.05	53.57	-33.52	Average
4	0.201	9.80	19.55	29.35	63.57	-34.22	QP
5	0.472	9.80	23.82	33.62	46.48	-12.86	Average
6	0.472	9.80	27.58	37.38	56.48	-19.10	QP
7	1.589	9.82	15.93	25.75	46.00	-20.25	Average
8	1.589	9.82	20.73	30.55	56.00	-25.45	QP
9	4.534	9.87	13.81	23.68	46.00	-22.32	Average
10	4.534	9.87	19.93	29.80	56.00	-26.20	QP
11	23.140	10.13	14.16	24.29	50.00	-25.71	Average
12	23.140	10.13	19.65	29.78	60.00	-30.22	QP

Adapter 2:



Site : Shielding Room
 Condition: Line
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : GQ06-050100-ZU

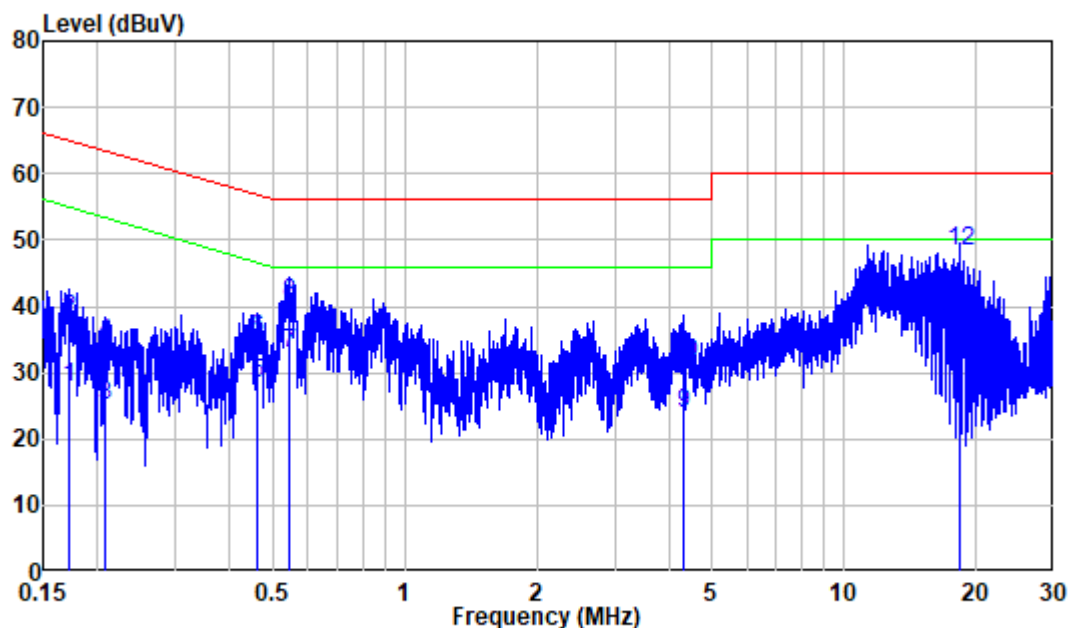
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.151	9.80	14.82	24.62	55.93	-31.31	Average
2	0.151	9.80	26.51	36.31	65.93	-29.62	QP
3	0.296	9.80	12.24	22.04	50.35	-28.31	Average
4	0.296	9.80	18.09	27.89	60.35	-32.46	QP
5	0.373	9.80	26.20	36.00	48.43	-12.43	Average
6	0.373	9.80	28.78	38.58	58.43	-19.85	QP
7	0.830	9.81	18.63	28.44	46.00	-17.56	Average
8	0.830	9.81	22.40	32.21	56.00	-23.79	QP
9	2.436	9.82	10.83	20.65	46.00	-25.35	Average
10	2.436	9.82	17.47	27.29	56.00	-28.71	QP
11	15.980	9.96	22.73	32.69	50.00	-17.31	Average
12	15.980	9.96	28.79	38.75	60.00	-21.25	QP



Site : Shielding Room
 Condition: Neutral
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : GQ06-050100-ZU

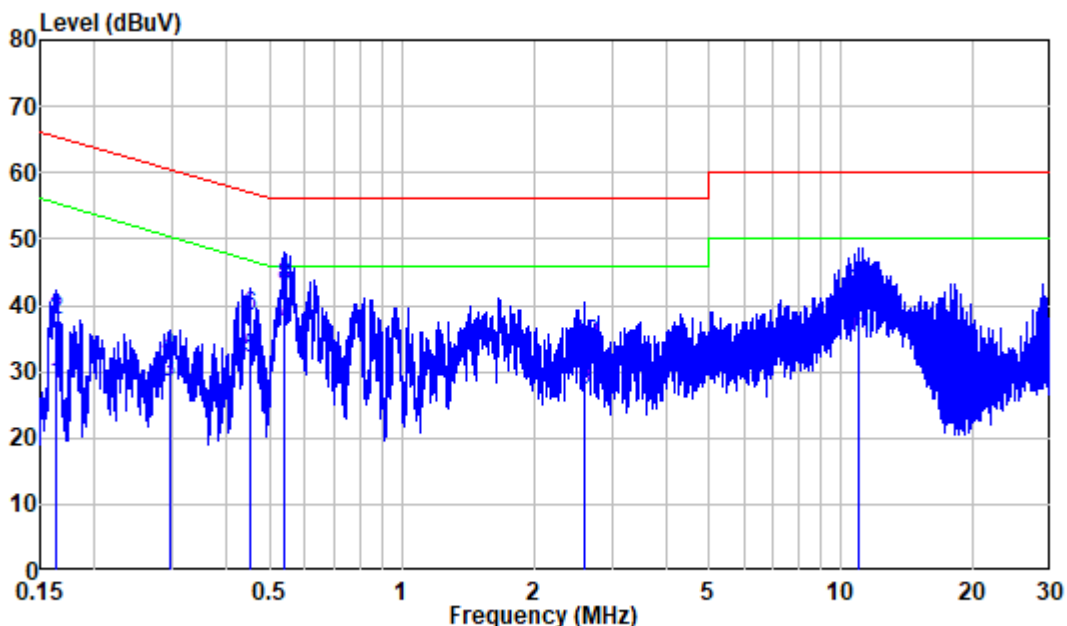
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.154	9.80	16.13	25.93	55.79	-29.86	Average
2	0.154	9.80	24.94	34.74	65.79	-31.05	QP
3	0.263	9.80	18.91	28.71	51.35	-22.64	Average
4	0.263	9.80	24.74	34.54	61.35	-26.81	QP
5	0.378	9.80	32.13	41.93	48.33	-6.40	Average
6	0.378	9.80	37.08	46.88	58.33	-11.45	QP
7	0.672	9.81	23.46	33.27	46.00	-12.73	Average
8	0.672	9.81	29.88	39.69	56.00	-16.31	QP
9	2.232	9.82	15.90	25.72	46.00	-20.28	Average
10	2.232	9.82	22.56	32.38	56.00	-23.62	QP
11	16.236	10.06	25.93	35.99	50.00	-14.01	Average
12	16.236	10.06	31.70	41.76	60.00	-18.24	QP

Adapter 3:



Site : Shielding Room
 Condition: Line
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : F06US0500100A

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.172	9.80	17.99	27.79	54.84	-27.05	Average
2	0.172	9.80	28.37	38.17	64.84	-26.67	QP
3	0.207	9.80	15.28	25.08	53.33	-28.25	Average
4	0.207	9.80	24.51	34.31	63.33	-29.02	QP
5	0.463	9.80	18.47	28.27	46.64	-18.37	Average
6	0.463	9.80	25.26	35.06	56.64	-21.58	QP
7	0.546	9.81	23.01	32.82	46.00	-13.18	Average
8	0.546	9.81	30.60	40.41	56.00	-15.59	QP
9	4.326	9.84	14.10	23.94	46.00	-22.06	Average
10	4.326	9.84	21.64	31.48	56.00	-24.52	QP
11	18.244	9.98	27.64	37.62	50.00	-12.38	Average
12	18.244	9.98	38.24	48.22	60.00	-11.78	QP



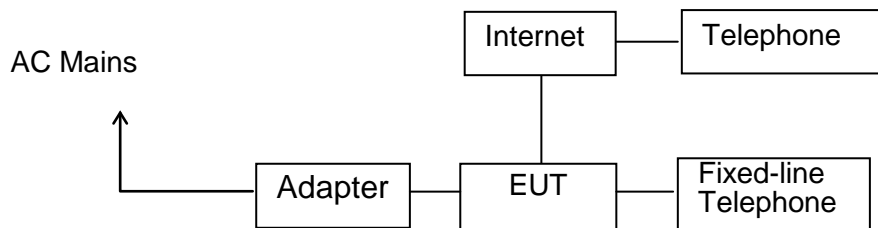
Site : Shielding Room
 Condition: Neutral
 Job No. : SZ1220620-27490E-00
 Mode : Working
 Power : AC 120V 60Hz
 Adapter : F06US0500100A

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.164	9.80	18.19	27.99	55.27	-27.28	Average
2	0.164	9.80	27.93	37.73	65.27	-27.54	QP
3	0.295	9.80	18.51	28.31	50.38	-22.07	Average
4	0.295	9.80	22.26	32.06	60.38	-28.32	QP
5	0.449	9.80	22.18	31.98	46.89	-14.91	Average
6	0.449	9.80	28.44	38.24	56.89	-18.65	QP
7	0.542	9.81	27.52	37.33	46.00	-8.67	Average
8	0.542	9.81	33.14	42.95	56.00	-13.05	QP
9	2.608	9.83	17.19	27.02	46.00	-18.98	Average
10	2.608	9.83	24.20	34.03	56.00	-21.97	QP
11	10.919	10.01	25.13	35.14	50.00	-14.86	Average
12	10.919	10.01	32.06	42.07	60.00	-17.93	QP

5. RADIATED EMISSION MEASUREMENT

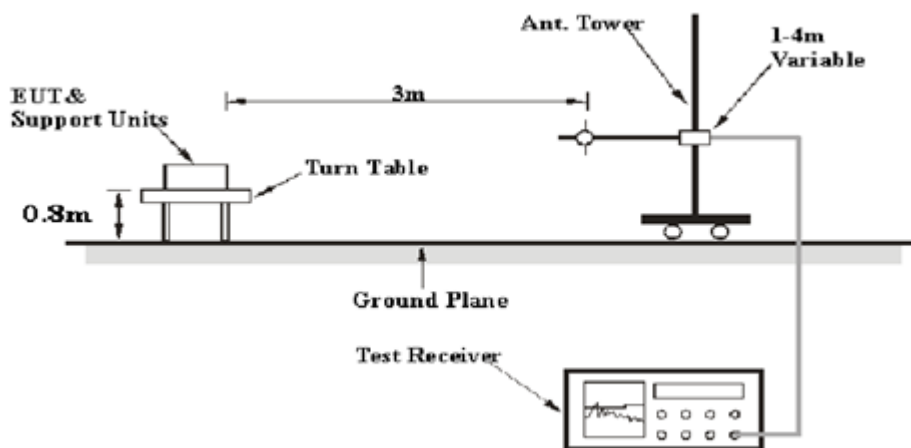
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators

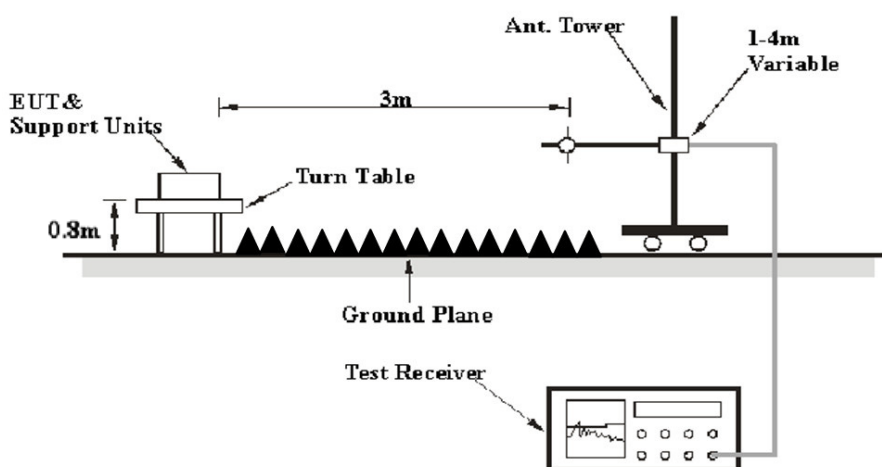


5.1.2. Test System Setup

Below 1GHz:



Above 1GHz:



5.2.Radiated Emission Limit (Class B)

All emissions from a class B device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Frequency MHz	Distance Meters	Field Strengths QP Limit	
		μV/m	dB(μV/m)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

Remark:
 (1) Emission level dB(μV) = 20 log Emission level μV/m.
 (2)The smaller limit shall apply at the cross point between two frequency bands.
 (3) Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.

Frequency MHz	Distance Meters	Field Strengths Limit	
		Peak dB(μV/m)	AV dB(μV/m)
1000-2000	3	74	54

5.3.Manufacturer

The following equipment are installed on Radiated Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

5.4.Operating Condition of EUT

- 5.4.1.Setup the EUT and simulator as shown as Section 5.1.
- 5.4.2.Turn on the power of all equipment.
- 5.4.3.Let the EUT work in test mode and measure it.

5.5. Test Procedure

The EUT and its simulators are placed on a turntable. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2014 on radiated emission measurement.

The bandwidth of the test equipment is set at 9kHz in 9kHz-30MHz, 120 kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 30MHz to 2GHz is investigated.

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30.
1.705–108	1000.
108–500	2000.
500–1000	5000.
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

Over Limit (dB) = Level(dB μ v/m) - Limit (dB μ v/m)

QP = Quasi-peak Reading

The “Over Limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit.

5.6. Radiated Emission Measurement Result

PASS.

The frequency range from 30MHz to 2GHz is investigated.

The spectral diagrams are attached as below.

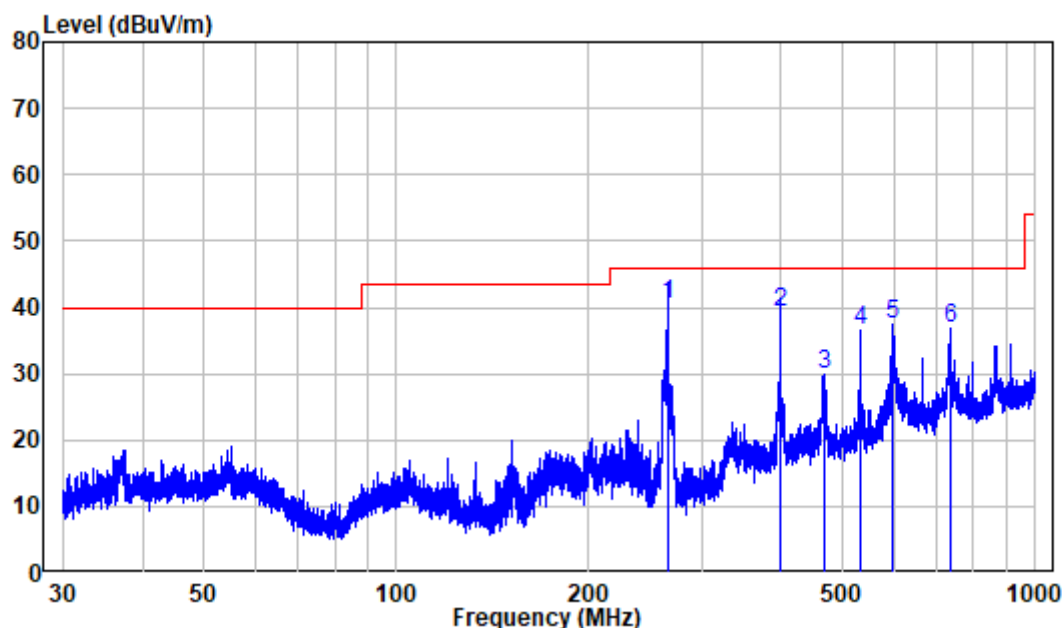
Over Limit = Level (dB μ V) - Limit (dB μ V)

Below 1G

Job No.:	SZ1220620-27490E-00	Power:	120V 60Hz
EUT No.:	SZ1220620-27490E-EM-S1	Test By:	Level Li
EUT:	Analog Telephone Adapter	Test item:	Radiation Emission
Model:	HT801	Temp.(°C)/Hum.(%)::	25° C 62%RH
Test standard:	FCC Part 15B	Date:	2022.7. 15

Adapter 1:

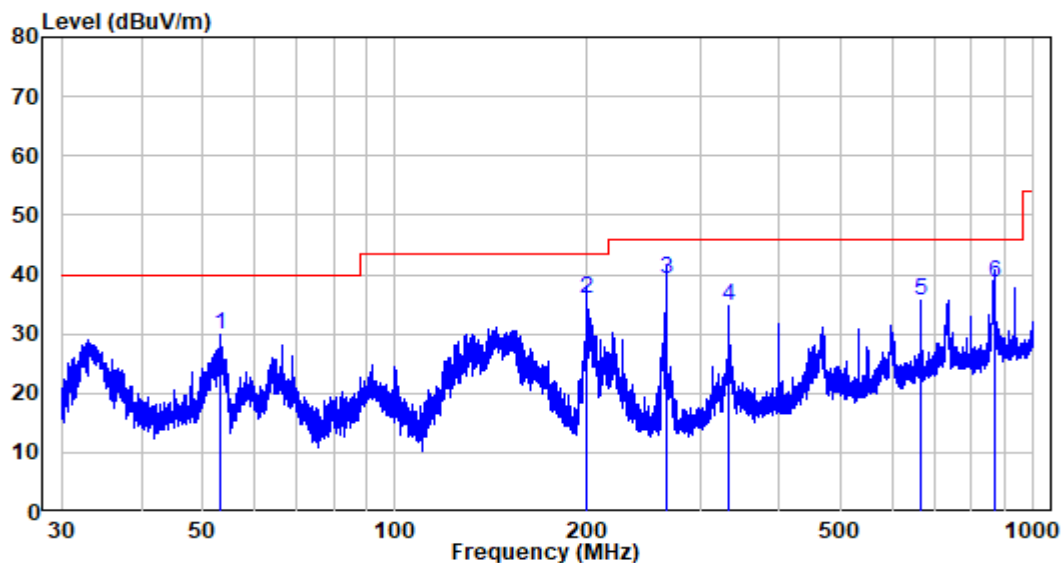
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : DSA-6PFG-05 FUS 050100

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	266.726	-10.37	50.84	40.47	46.00	-5.53	QP
2	400.081	-6.73	45.99	39.26	46.00	-6.74	QP
3	466.621	-5.51	35.40	29.89	46.00	-16.11	Peak
4	533.364	-4.47	40.86	36.39	46.00	-9.61	Peak
5	597.747	-2.55	39.84	37.29	46.00	-8.71	Peak
6	735.780	-0.68	37.37	36.69	46.00	-9.31	Peak

Vertical

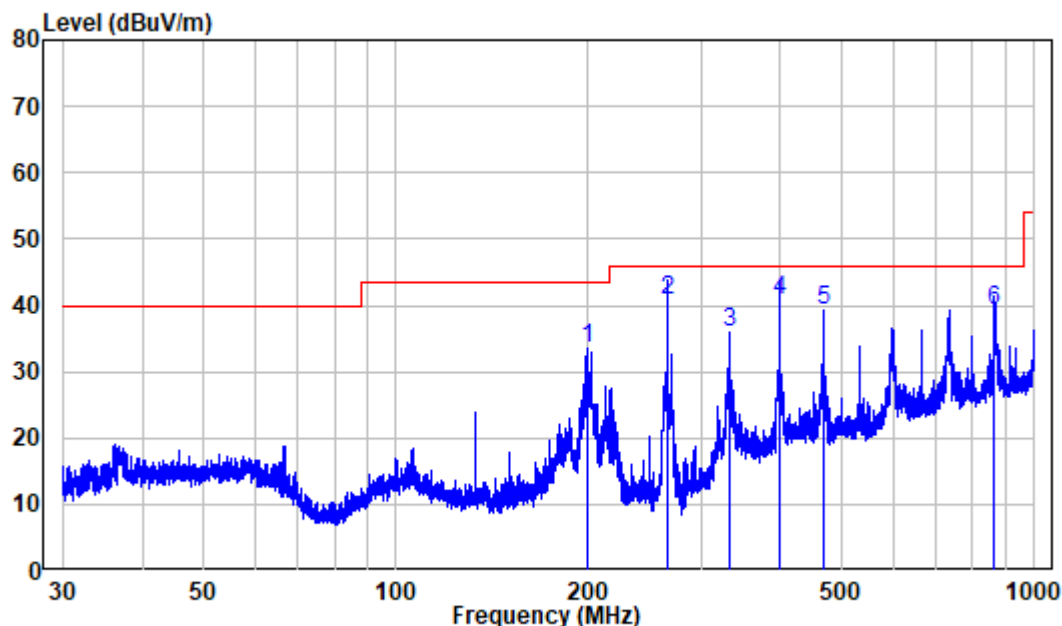


Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : DSA-6PFG-05 FUS 050100

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	53.341	-10.23	40.11	29.88	40.00	-10.12	Peak
2	200.073	-11.41	47.36	35.95	43.50	-7.55	QP
3	266.726	-10.37	49.66	39.29	46.00	-6.71	QP
4	333.394	-7.74	42.39	34.65	46.00	-11.35	Peak
5	666.680	-1.66	37.26	35.60	46.00	-10.40	Peak
6	867.228	0.80	37.81	38.61	46.00	-7.39	QP

Adapter 2:

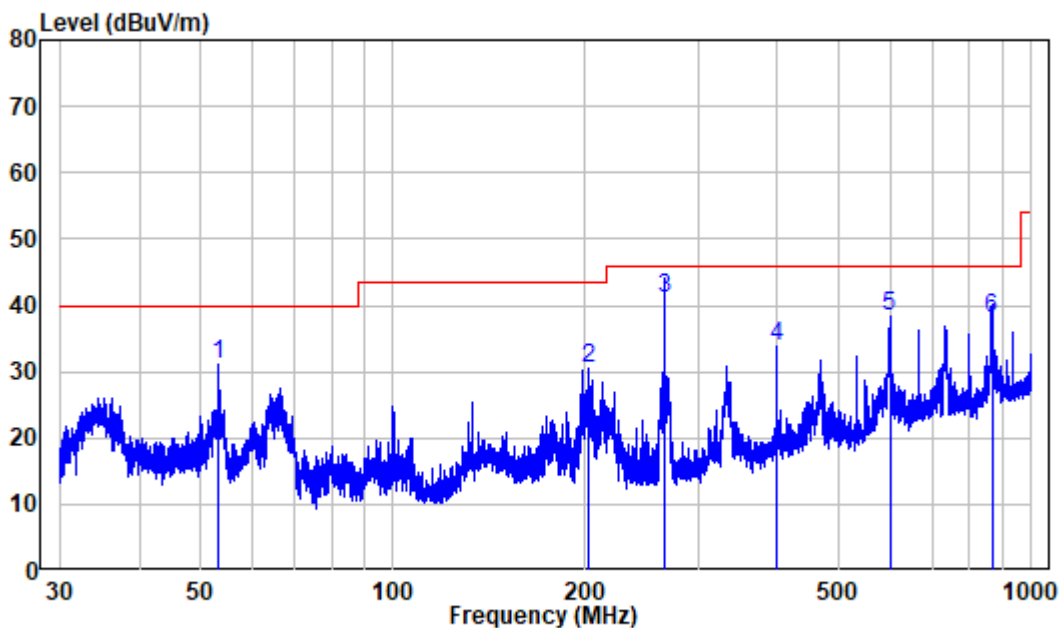
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : GQ06-050X00-ZU

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	199.986	-11.40	44.80	33.40	43.50	-10.10	Peak
2	266.726	-10.37	51.05	40.68	46.00	-5.32	QP
3	333.394	-7.74	43.80	36.06	46.00	-9.94	Peak
4	400.081	-6.73	47.54	40.81	46.00	-5.19	QP
5	466.826	-5.52	44.86	39.34	46.00	-6.66	Peak
6	865.329	0.66	38.66	39.32	46.00	-6.68	QP

Vertical

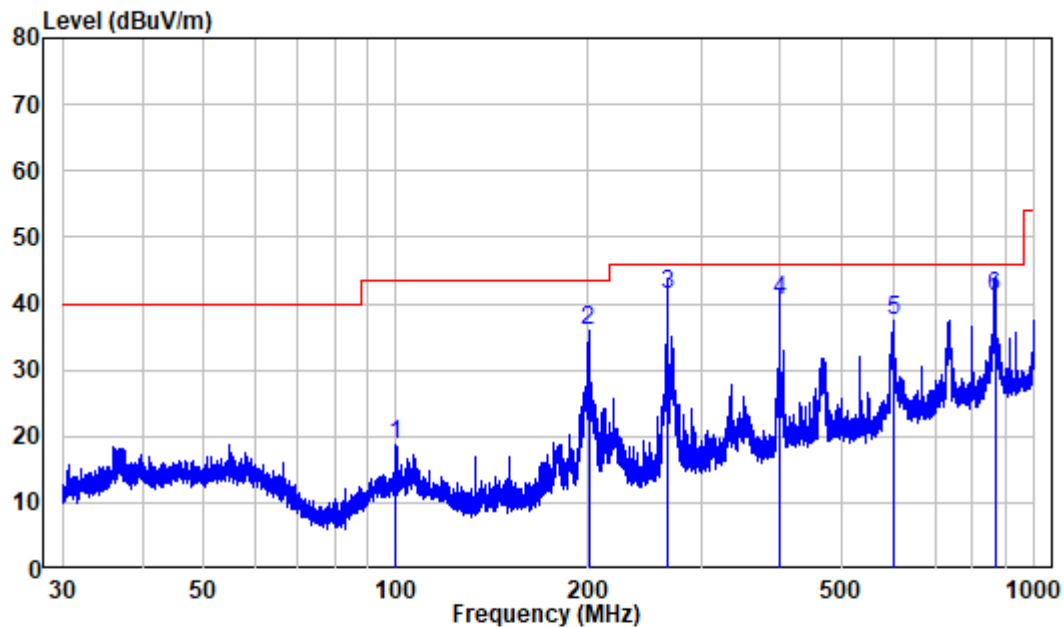


Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : GQ06-050X00-ZU

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	53.318	-10.22	41.17	30.95	40.00	-9.05	Peak
2	202.189	-11.59	42.08	30.49	43.50	-13.01	Peak
3	266.726	-10.37	51.38	41.01	46.00	-4.99	QP
4	400.081	-6.73	40.40	33.67	46.00	-12.33	Peak
5	599.847	-2.44	40.92	38.48	46.00	-7.52	Peak
6	866.848	0.77	37.25	38.02	46.00	-7.98	QP

Adapter 3:

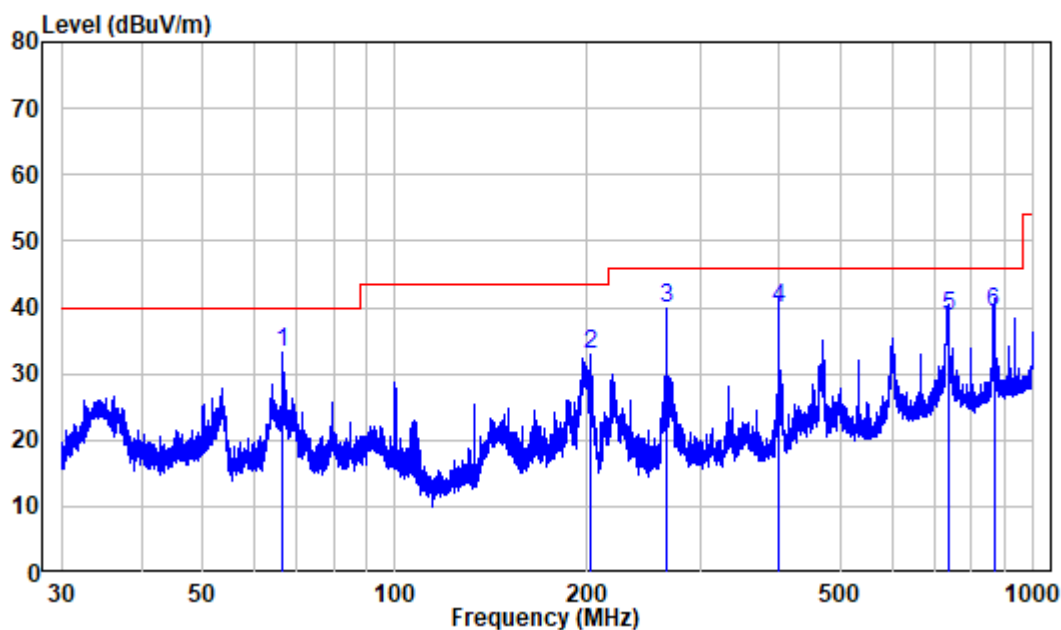
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : F06US0500100A

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	100.009	-11.80	30.64	18.84	43.50	-24.66	Peak
2	200.161	-11.42	47.32	35.90	43.50	-7.60	Peak
3	266.726	-10.37	51.80	41.43	46.00	-4.57	QP
4	400.081	-6.73	47.06	40.33	46.00	-5.67	QP
5	600.636	-2.41	39.83	37.42	46.00	-8.58	Peak
6	866.848	0.77	40.38	41.15	46.00	-4.85	QP

Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : F06US0500100A

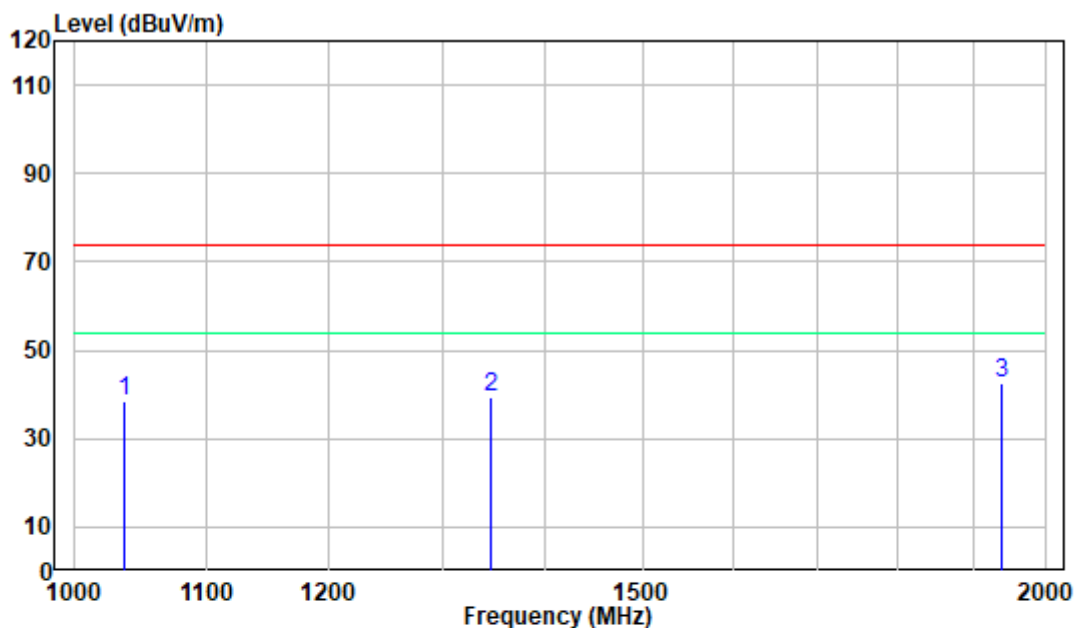
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	66.616	-13.18	46.29	33.11	40.00	-6.89	Peak
2	202.366	-11.61	44.50	32.89	43.50	-10.61	Peak
3	266.726	-10.37	50.08	39.71	46.00	-6.29	Peak
4	400.081	-6.73	46.46	39.73	46.00	-6.27	QP
5	735.458	-0.67	39.27	38.60	46.00	-7.40	QP
6	866.848	0.77	38.62	39.39	46.00	-6.61	QP

Above 1G

Job No.:	SZ1220620-27490E-00	Power:	120V 60Hz
EUT No.:	SZ1220620-27490E-EM-S1	Test By:	Level Li
EUT:	Analog Telephone Adapter	Test item:	Radiation Emission
Model:	HT801	Temp.(°C)/Hum.(%):	24° C 61%RH
Test standard:	FCC PART 15B	Date:	2022.6. 30

Adapter 1:

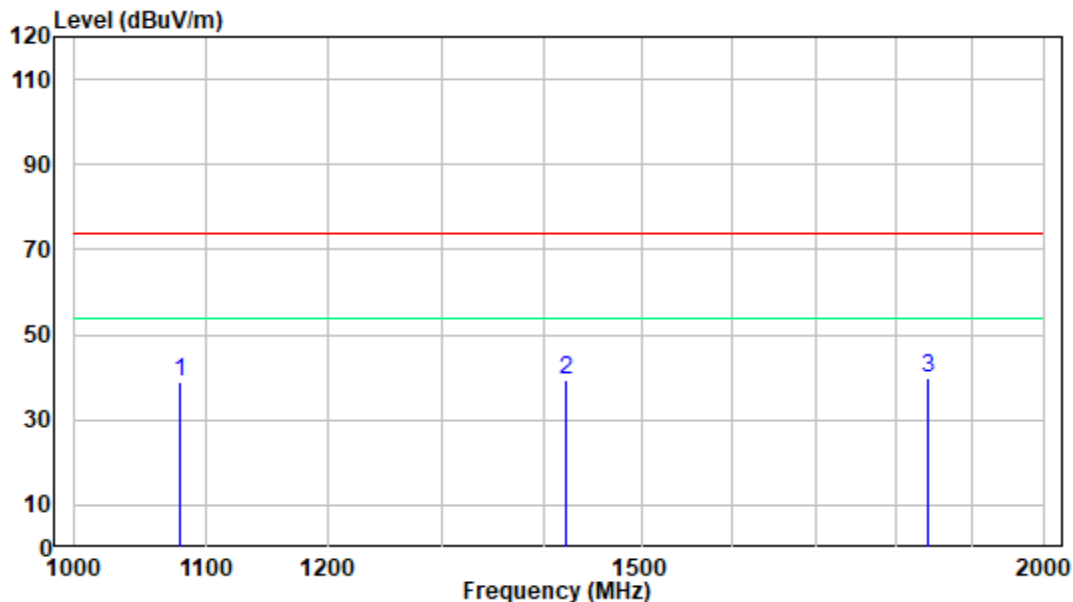
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : DSA-6PFG-05 FUS 050100

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1037.250	-10.49	49.17	38.68	74.00	-35.32	Peak
2	1346.750	-10.03	49.21	39.18	74.00	-34.82	Peak
3	1936.250	-7.73	50.32	42.59	74.00	-31.41	Peak

Vertical

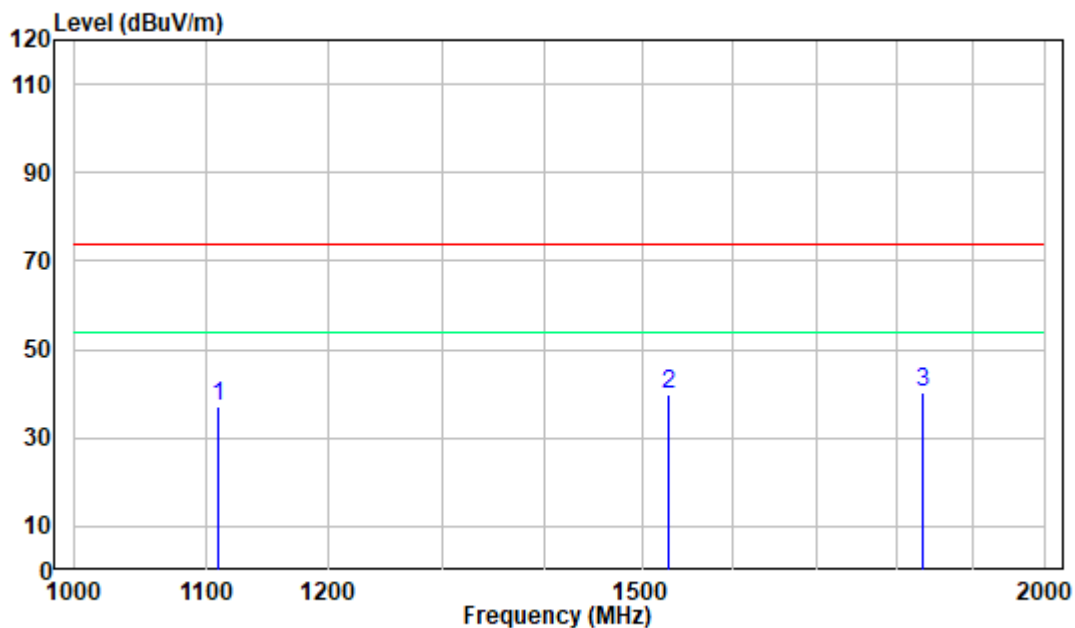


Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : DSA-6PFG-05 FUS 050100

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1078.625	-10.41	49.36	38.95	74.00	-35.05	Peak
2	1420.375	-9.87	49.20	39.33	74.00	-34.67	Peak
3	1840.125	-8.45	48.47	40.02	74.00	-33.98	Peak

Adapter 2:

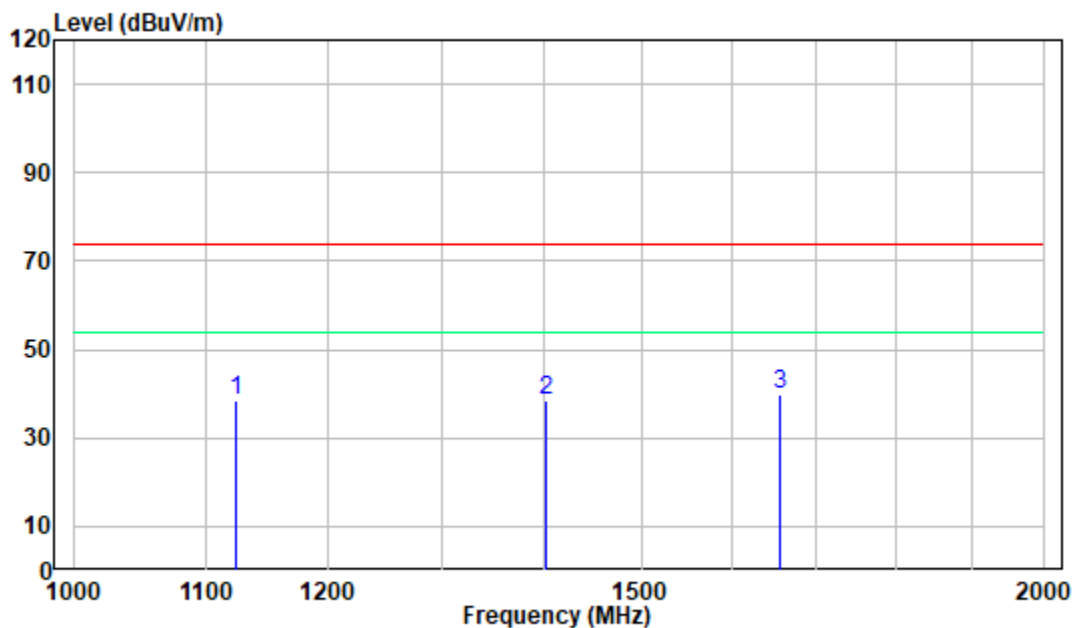
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : GQ06-050100-ZU

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1109.125	-10.35	47.57	37.22	74.00	-36.78	Peak
2	1527.750	-9.36	49.10	39.74	74.00	-34.26	Peak
3	1833.250	-8.51	48.89	40.38	74.00	-33.62	Peak

Vertical

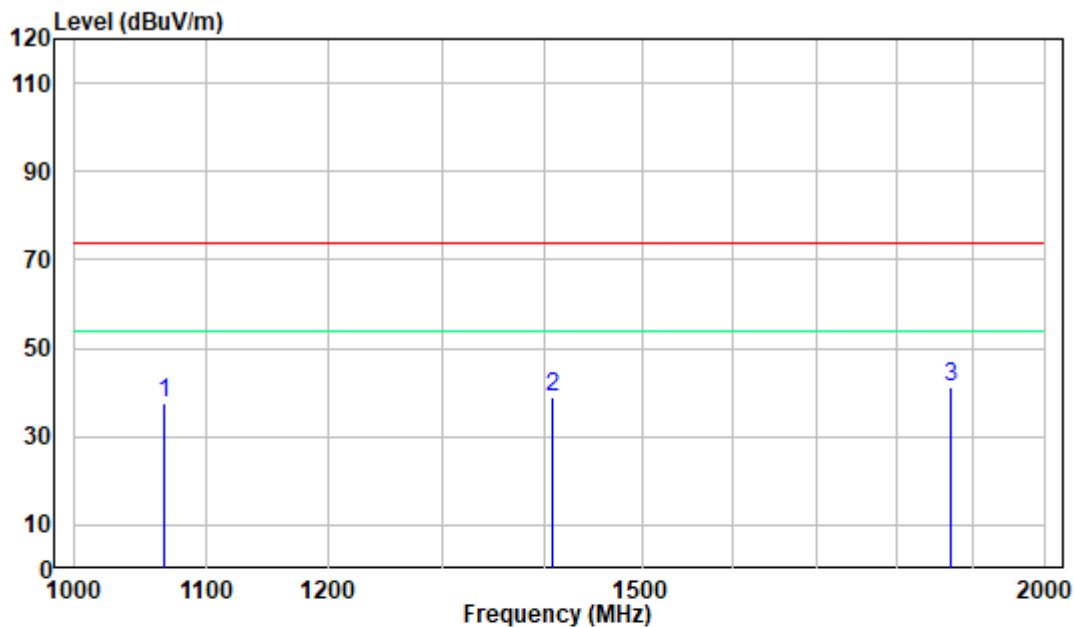


Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : GQ06-050100-ZU

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1123.000	-10.35	48.77	38.42	74.00	-35.58	Peak
2	1401.625	-9.96	48.67	38.71	74.00	-35.29	Peak
3	1656.625	-9.06	48.96	39.90	74.00	-34.10	Peak

Adapter 3:

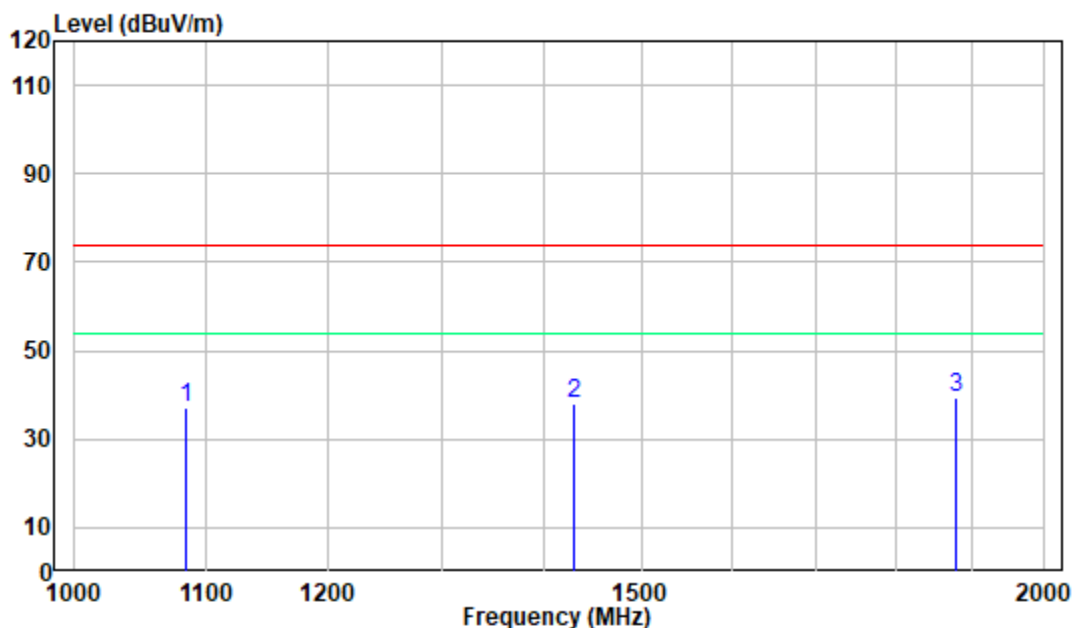
Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : F06U50500100A

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1067.125	-10.42	48.09	37.67	74.00	-36.33	Peak
2	1407.250	-9.93	48.83	38.90	74.00	-35.10	Peak
3	1869.500	-8.23	49.59	41.36	74.00	-32.64	Peak

Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : SZ1220620-27490E-00
 Test Mode: Working
 Adapter : F06U50500100A

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1083.000	-10.41	47.49	37.08	74.00	-36.92	Peak
2	1430.000	-9.83	47.85	38.02	74.00	-35.98	Peak
3	1877.750	-8.19	47.51	39.32	74.00	-34.68	Peak

Note 1: Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

The other spurious emission which is in the noise floor level was not recorded.

Note 2: For above 1GHz testing,the test result of peak was 20dB below to the limit of peak, which can be compliant to the average limit, so just peak value was recorded.

----- THE END OF TEST REPORT -----