TEST REPORT

Applicant:	SENCO INDUSTRIAL TRADING CO.,LTD.
Address of Applicant:	FLAT/RM 1802 18/F SUNBEAM COMMERCIAL BUILDING 469-471 NATHAN ROAD KL, Hong Kong 999077, China
Manufacturer:	DONGGUAN WEIZHIJIE TECHNOLOGY LTD.
Address of Manufacturer:	Room 102, No.1 Building ,No.11 LianTanJiao,TangXia town, DongGuan city,GuangDong province.China

Equipment Under Test (EUT)

Product Name:	Wireless ChassisEAR
Model No.:	61082, 61091
Trade Mark:	Steelman,Matco
FCC ID:	2AR6X-LUYJ
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.249
Date of sample receipt:	March 04, 2022
Date of Test:	March 05-11, 2022
Date of report issued:	March 11, 2022
Test Result :	PASS *

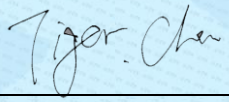
* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

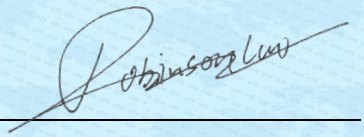
Robinson Luo
Laboratory Manager

2 Version

Version No.	Date	Description
00	*March 11, 2022*	*Original*

Prepared By:  ***Date:*** *March 11, 2022*

Project Engineer

Check By:  ***Date:*** *March 11, 2022*

Reviewer

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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)	Pass
Spurious emissions	15.249 (a) (d)/15.209	Pass
Band edge	15.249 (d)/15.205	Pass
20dB Occupied Bandwidth	15.215 (c)	Pass

Remarks:

1. Test according to ANSI C63.10: 2013.

2. Pass: The EUT complies with the essential requirements in the standard.

4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	30MHz-200MHz	3.8039dB	(1)
Radiated Emission	200MHz-1GHz	3.9679dB	(1)
Radiated Emission	1GHz-18GHz	4.29dB	(1)
Radiated Emission	18GHz-40GHz	3.30dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	3.44dB	(1)
Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.			

5 General Information

5.1 General Description of EUT

Product Name:	Wireless ChassisEAR
Model No.:	61082, 61091
Test Model No.:	61082
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are appearance color and model name for commercial purpose.	
S/N:	N/A
Hardware Version:	N/A
Software Version:	N/A
Test sample(s) ID:	GTSL202203000055-1
Sample(s) Status	Engineered sample
Operation Frequency:	902.2MHz-927.3MHz
Channel numbers:	6
Modulation type:	Pi/4 DQPSK
Antenna Type:	Phosphor copper + black rubber antenna
Antenna gain:	0dBi(Declared by applicant)
Power supply:	DC 6V (4*1.5V “AAA”) Battery

Operation Frequency each of channel	
Channel	Frequency
1	902.2 MHz
2	907.9 MHz
3	913.1 MHz
4	919.1 MHz
5	922.4 MHz
6	927.3 MHz

The test frequencies are below:

Channel	Frequency
The lowest channel	902.2 MHz
The middle channel	919.1MHz
The Highest channel	927.3MHz

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode. The new battery used

Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

Axis	X	Y	Z
Field Strength(dBuV/m)	72.25	73.81	71.31

5.3 Description of Support Units

None.

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC—Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen 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 files.

● **IC —Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

● **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123- 128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

5.8 Additional Instructions

Test Software	Continuously transmitter provided by manufacturer
Power level setup	Default

6 Test Instruments list

Radiated Emission:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 02 2020	July. 01 2025
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 24 2021	June. 23 2022
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 24 2021	June. 23 2022
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 24 2021	June. 23 2022
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 24 2021	June. 23 2022
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 24 2021	June. 23 2022
9	Coaxial Cable	GTS	N/A	GTS211	June. 24 2021	June. 23 2022
10	Coaxial cable	GTS	N/A	GTS210	June. 24 2021	June. 23 2022
11	Coaxial Cable	GTS	N/A	GTS212	June. 24 2021	June. 23 2022
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 24 2021	June. 23 2022
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 24 2021	June. 23 2022
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 24 2021	June. 23 2022
15	Band filter	Amindeon	82346	GTS219	June. 24 2021	June. 23 2022
16	Power Meter	Anritsu	ML2495A	GTS540	June. 24 2021	June. 23 2022
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 24 2021	June. 23 2022
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 24 2021	June. 23 2022
19	Splitter	Agilent	11636B	GTS237	June. 24 2021	June. 23 2022
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 24 2021	June. 23 2022
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 17 2021	Oct. 16 2022
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 17 2021	Oct. 16 2022
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 17 2021	Oct. 16 2022
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 24 2021	June. 23 2022

RF Conducted Test:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 24 2021	June. 23 2022
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 24 2021	June. 23 2022
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 24 2021	June. 23 2022
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 24 2021	June. 23 2022
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 24 2021	June. 23 2022
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 24 2021	June. 23 2022
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 24 2021	June. 23 2022
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 24 2021	June. 23 2022

General used equipment:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 24 2021	June. 23 2022
2	Barometer	ChangChun	DYM3	GTS255	June. 24 2021	June. 23 2022

7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

EUT Antenna:

The antenna is Phosphor copper + black rubber antenna, the best case gain of the are antennas 0dBi, reference to the appendix II for details

7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209, 15.205
Test Method:	ANSI C63.10:2013
Test Frequency Range:	9kHz to 10GHz
Test site:	Measurement Distance: 3m

Receiver setup:

Frequency	Detector	RBW	VBW	Remark
9kHz-150kHz	Quasi-peak	200Hz	300Hz	Quasi-peak Value
150kHz-30MHz	Quasi-peak	9kHz	10kHz	Quasi-peak Value
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
Above 1GHz	Peak	1MHz	3MHz	Peak Value
	Peak	1MHz	10Hz	Average Value

Limit:
(Field strength of the fundamental signal)

Frequency	Limit (dBuV/m @3m)	Remark
902MHz-928MHz	94.00	Average Value
	114.00	Peak Value

Limit:
(Spurious Emissions)

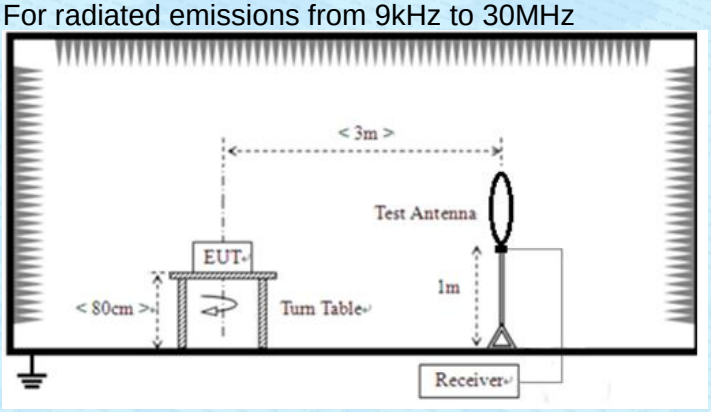
Frequency	Limit (uV/m)	Remark
0.009MHz-0.490MHz	2400/F(kHz) @300m	Quasi-peak Value
0.490MHz-1.705MHz	24000/F(kHz) @30m	Quasi-peak Value
1.705MHz-30.0MHz	30 @30m	Quasi-peak Value
30MHz-88MHz	100 @3m	Quasi-peak Value
88MHz-216MHz	150 @3m	Quasi-peak Value
216MHz-960MHz	200 @3m	Quasi-peak Value
960MHz-1GHz	500 @3m	Quasi-peak Value
Above 1GHz	500 @3m	Average Value
	5000 @3m	Peak Value

Limit:
(band edge)

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

Test setup:

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz

<table>
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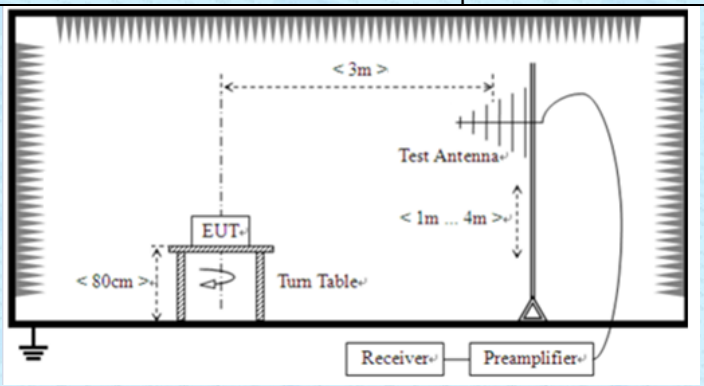
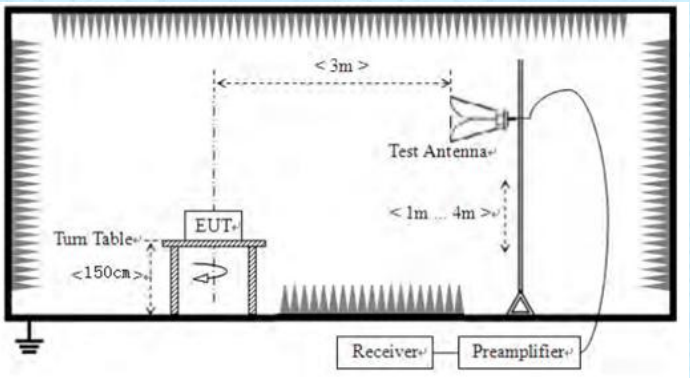


For radiated emissions above 1GHz


</td></tr>
<tr><td>Test Procedure:</td><td>1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</td></tr>
<tr><td>Test Instruments:</td><td>Refer to section 6.0 for details</td></tr>
<tr><td>Test mode:</td><td>Refer to section 5.2 for details</td></tr>
<tr><td>Test environment:</td><td>Temp.: | 25 °C | Humid.: | 52% | Press.: | 1012mbar</td></tr>
<tr><td>Test voltage:</td><td>DC 6V</td></tr>
<tr><td>Test results:</td><td>Pass</td></tr>
</table>

Measurement data:

7.2.1 Field Strength of The Fundamental Signal

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
902.20	69.86	23.02	4.87	37.60	60.15	114.00	-53.85	Horizontal
902.20	83.52	23.02	4.87	37.60	73.81	114.00	-40.19	Vertical
919.10	66.99	23.35	4.93	37.58	57.69	114.00	-56.31	Horizontal
919.10	82.56	23.35	4.93	37.58	73.26	114.00	-40.74	Vertical
927.30	66.84	23.55	4.96	37.57	57.78	114.00	-56.22	Horizontal
927.30	80.71	23.55	4.96	37.57	71.65	114.00	-42.35	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
902.20	60.33	23.02	4.87	37.60	50.62	94.00	-43.38	Horizontal
902.20	74.14	23.02	4.87	37.60	64.43	94.00	-29.57	Vertical
919.10	58.04	23.35	4.93	37.58	48.74	94.00	-45.26	Horizontal
919.10	71.38	23.35	4.93	37.58	62.08	94.00	-31.92	Vertical
927.30	58.62	23.55	4.96	37.57	49.56	94.00	-44.44	Horizontal
927.30	70.15	23.55	4.96	37.57	61.09	94.00	-32.91	Vertical

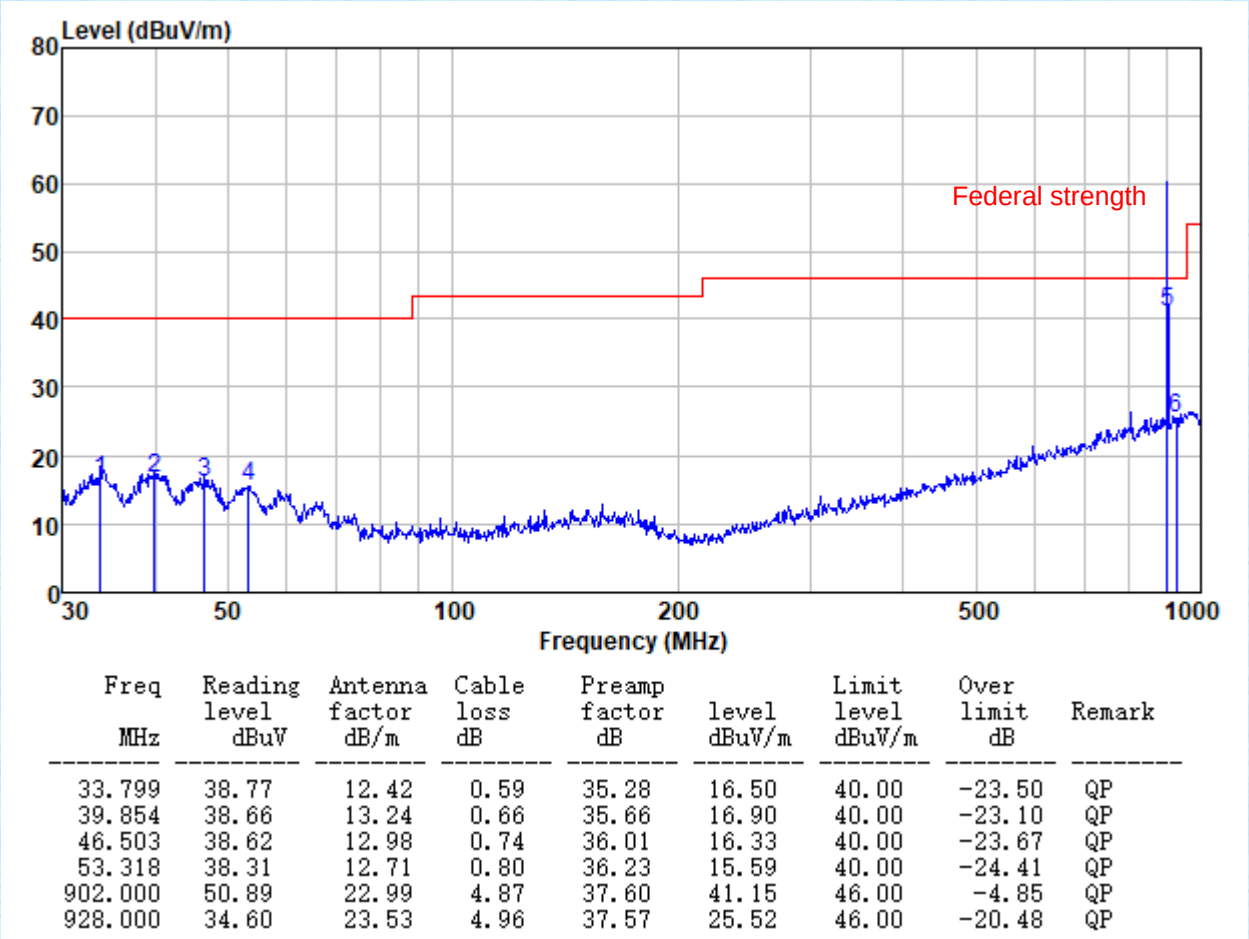
7.2.2 Spurious emissions and Band Edge

■ **Below 30MHz**

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

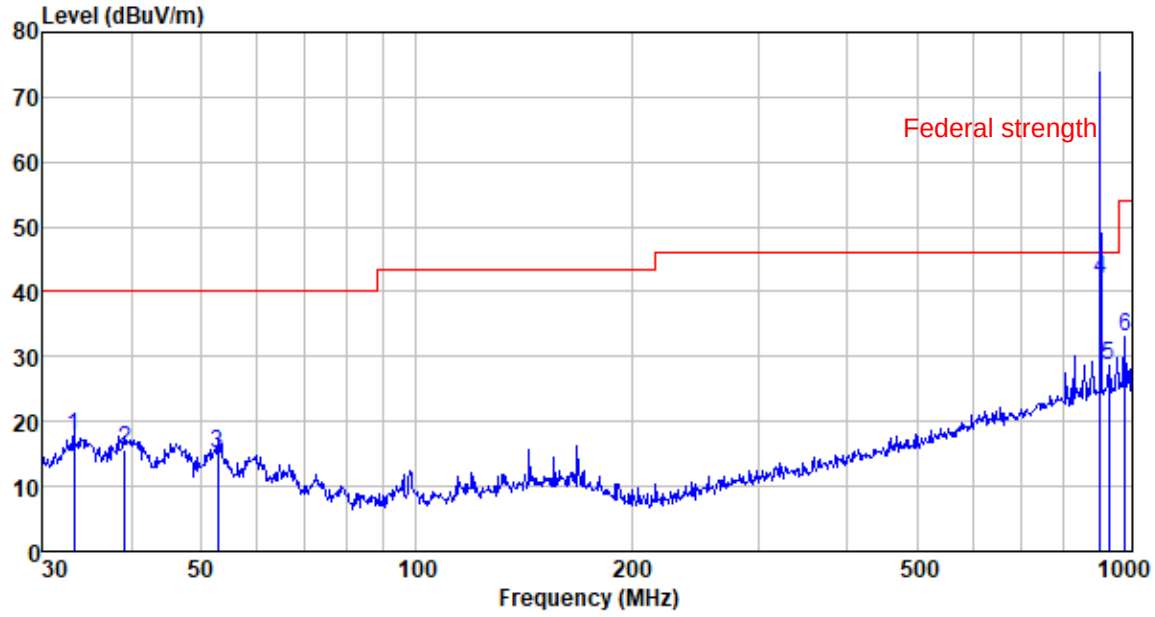
■ **Below 1GHz**

Test channel:	Lowest	Polarization:	Horizontal



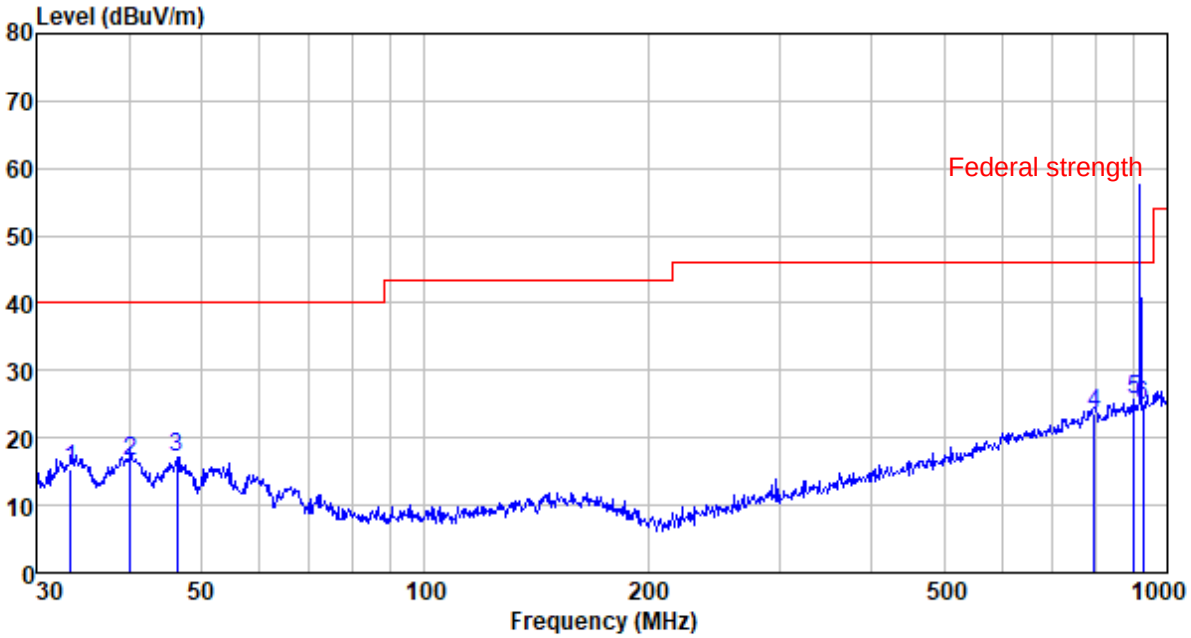
Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
33.799	38.77	12.42	0.59	35.28	16.50	40.00	-23.50	QP
39.854	38.66	13.24	0.66	35.66	16.90	40.00	-23.10	QP
46.503	38.62	12.98	0.74	36.01	16.33	40.00	-23.67	QP
53.318	38.31	12.71	0.80	36.23	15.59	40.00	-24.41	QP
902.000	50.89	22.99	4.87	37.60	41.15	46.00	-4.85	QP
928.000	34.60	23.53	4.96	37.57	25.52	46.00	-20.48	QP

Test channel:	Lowest	Polarization:	Vertical



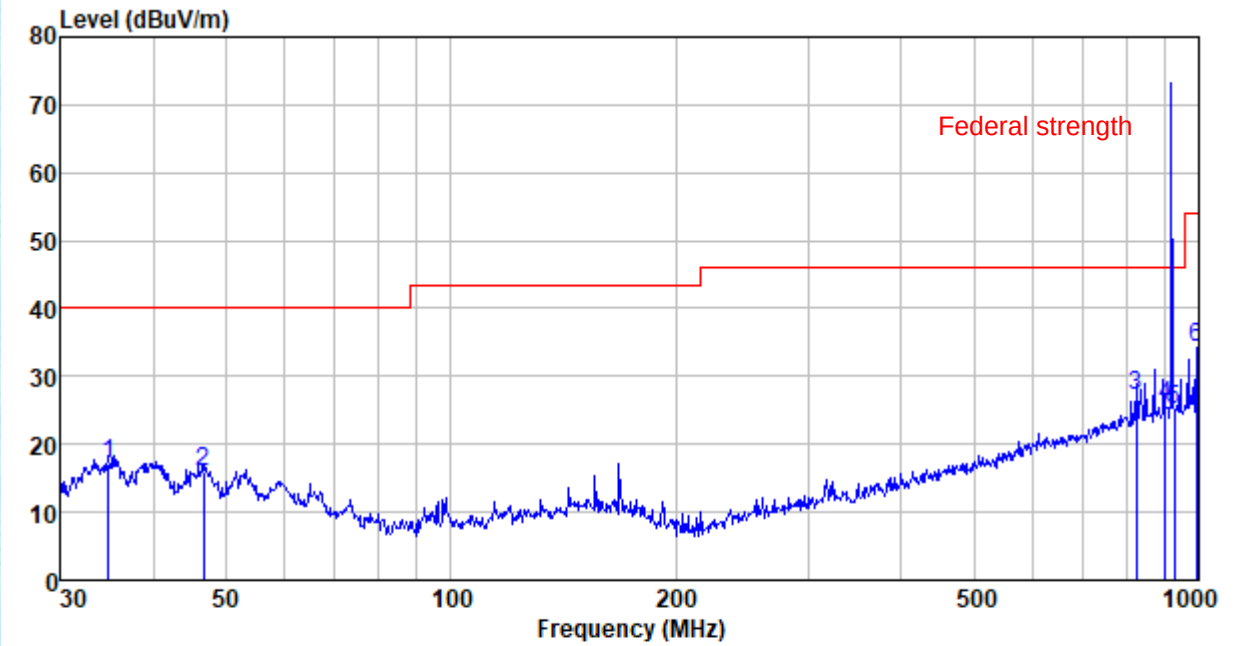
Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
33.211	39.98	12.38	0.59	35.23	17.72	40.00	-22.28	QP
39.162	37.61	13.13	0.65	35.62	15.77	40.00	-24.23	QP
52.760	37.72	12.77	0.80	36.22	15.07	40.00	-24.93	QP
902.000	51.55	22.99	4.87	37.60	41.81	46.00	-4.19	QP
928.000	37.76	23.53	4.96	37.57	28.68	46.00	-17.32	QP
975.753	41.60	23.99	5.14	37.53	33.20	54.00	-20.80	QP

Test channel:	Middle	Polarization:	Horizontal



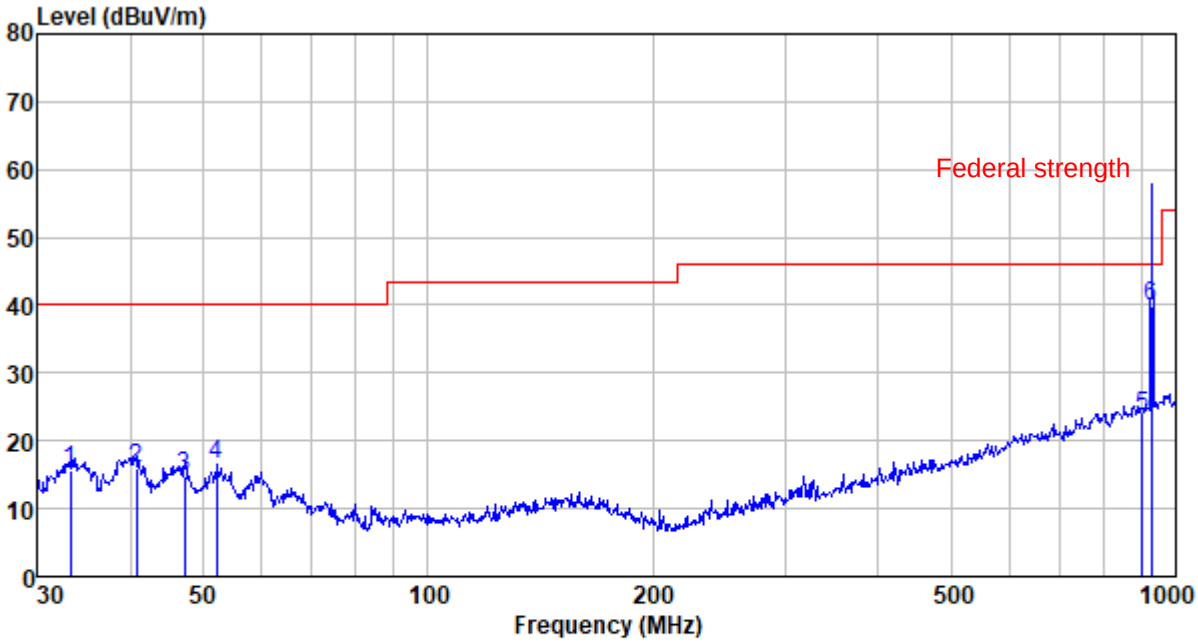
Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
33.328	37.72	12.39	0.59	35.24	15.46	40.00	-24.54	QP
40.135	38.28	13.25	0.66	35.67	16.52	40.00	-23.48	QP
46.340	39.32	12.98	0.73	36.00	17.03	40.00	-22.97	QP
796.183	34.57	22.19	4.45	37.62	23.59	46.00	-22.41	QP
902.000	35.34	22.99	4.87	37.60	25.60	46.00	-20.40	QP
928.000	33.86	23.53	4.96	37.57	24.78	46.00	-21.22	QP

Test channel:	Middle	Polarization:	Vertical



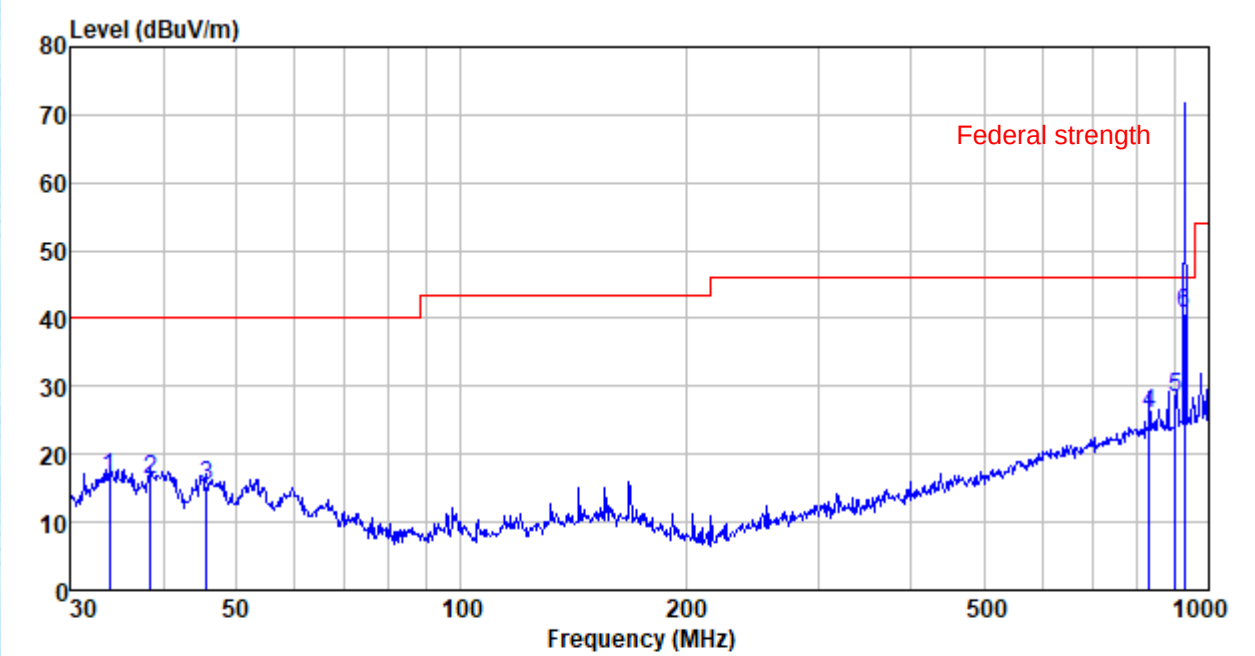
Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
34.882	39.47	12.49	0.61	35.35	17.22	40.00	-22.78	QP
46.666	38.24	12.99	0.74	36.02	15.95	40.00	-24.05	QP
824.597	37.69	22.41	4.55	37.61	27.04	46.00	-18.96	QP
902.000	35.31	22.99	4.87	37.60	25.57	46.00	-20.43	QP
928.000	34.13	23.53	4.96	37.57	25.05	46.00	-20.95	QP
993.011	42.47	24.00	5.19	37.52	34.14	54.00	-19.86	QP

Test channel:	Highest	Polarization:	Horizontal



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
33.211	38.01	12.38	0.59	35.23	15.75	40.00	-24.25	QP
40.702	37.63	13.22	0.67	35.70	15.82	40.00	-24.18	QP
47.326	37.16	13.00	0.74	36.05	14.85	40.00	-25.15	QP
52.208	39.02	12.82	0.79	36.21	16.42	40.00	-23.58	QP
902.000	33.27	22.99	4.87	37.60	23.53	46.00	-22.47	QP
928.000	48.86	23.53	4.96	37.57	39.78	46.00	-6.22	QP

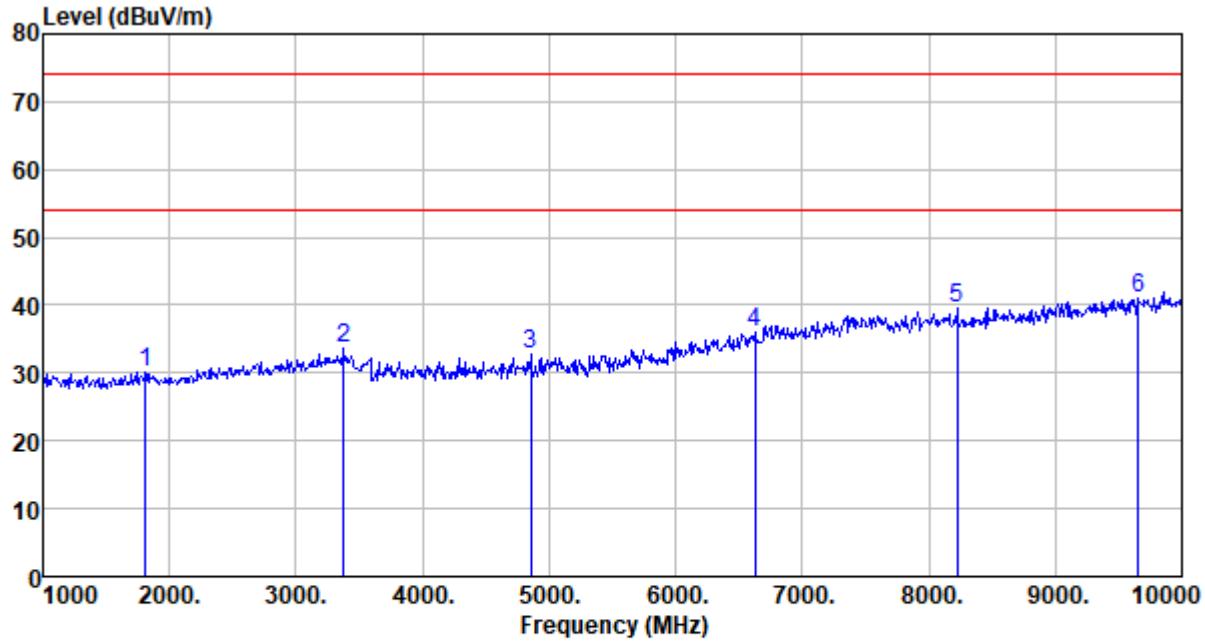
Test channel:	Highest	Polarization:	Vertical



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
33.917	38.67	12.43	0.60	35.28	16.42	40.00	-23.58	QP
38.481	38.05	13.03	0.65	35.58	16.15	40.00	-23.85	QP
45.695	37.49	12.97	0.73	35.97	15.22	40.00	-24.78	QP
833.317	36.65	22.47	4.58	37.61	26.09	46.00	-19.91	QP
902.000	38.12	22.99	4.87	37.60	28.38	46.00	-17.62	QP
928.000	49.73	23.53	4.96	37.57	40.65	46.00	-5.35	QP

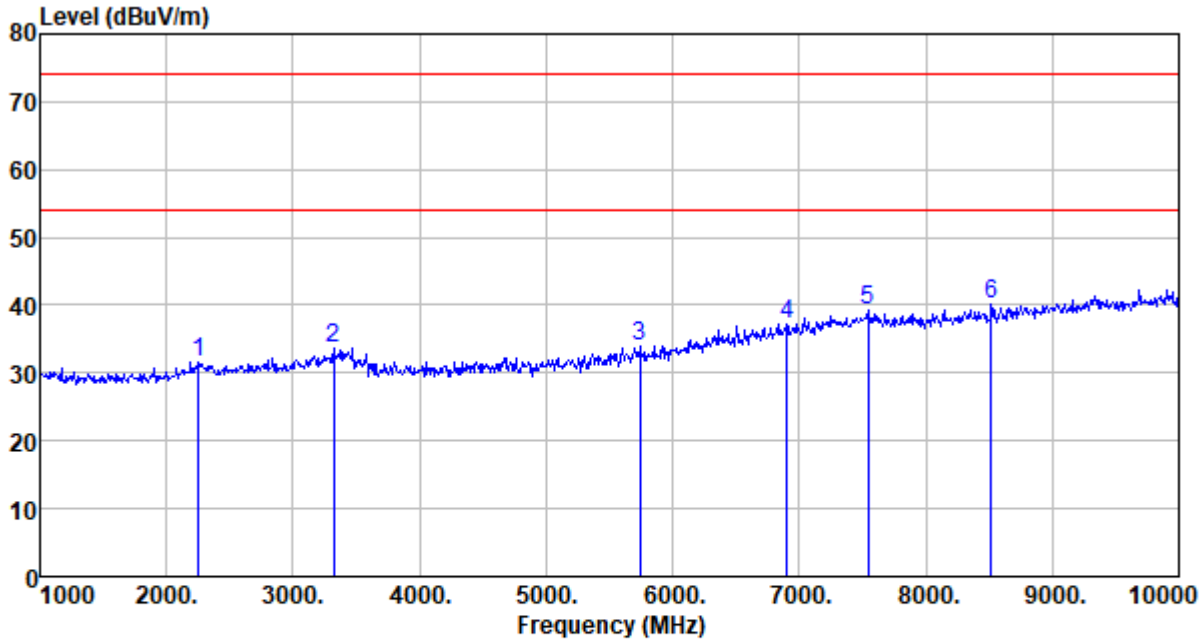
■ **Above 1GHz**

Test channel:	Lowest	Polarization:	Horizontal



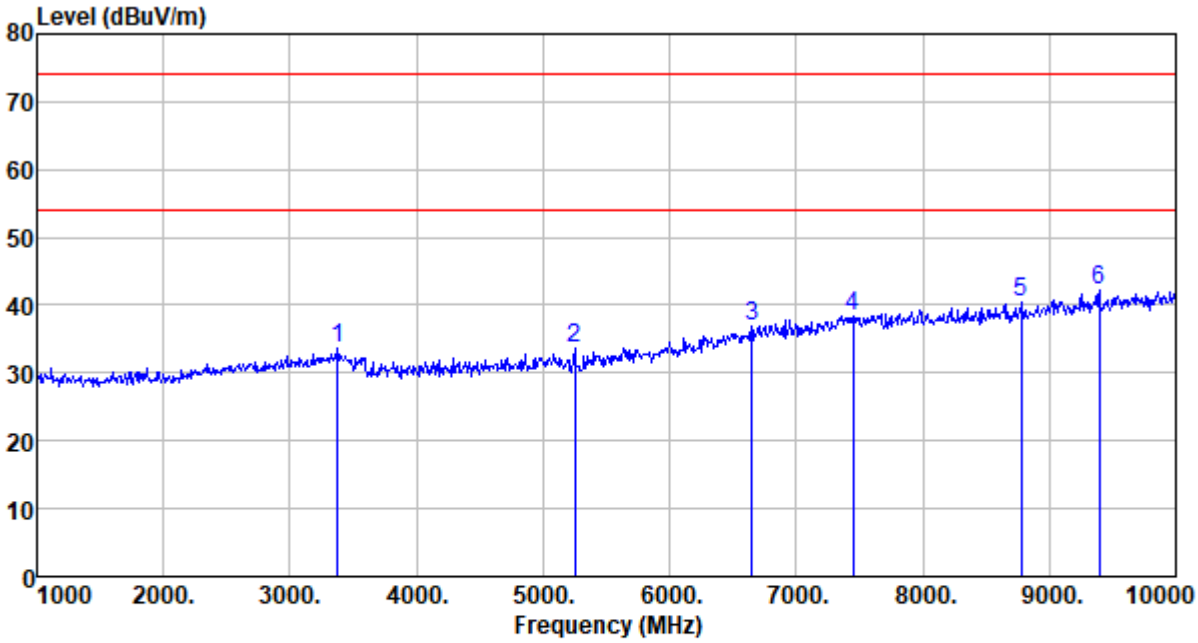
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
1810.000	38.32	25.82	2.49	36.38	30.25	74.00	-43.75	Peak
3376.000	39.01	28.40	3.64	37.34	33.71	74.00	-40.29	Peak
4852.000	34.56	31.26	4.67	37.74	32.75	74.00	-41.25	Peak
6625.000	31.36	34.71	5.91	35.95	36.03	74.00	-37.97	Peak
8227.000	30.47	37.35	6.90	35.18	39.54	74.00	-34.46	Peak
9658.000	30.08	38.00	7.99	34.97	41.10	74.00	-32.90	Peak

Test channel:	Lowest	Polarization:	Vertical



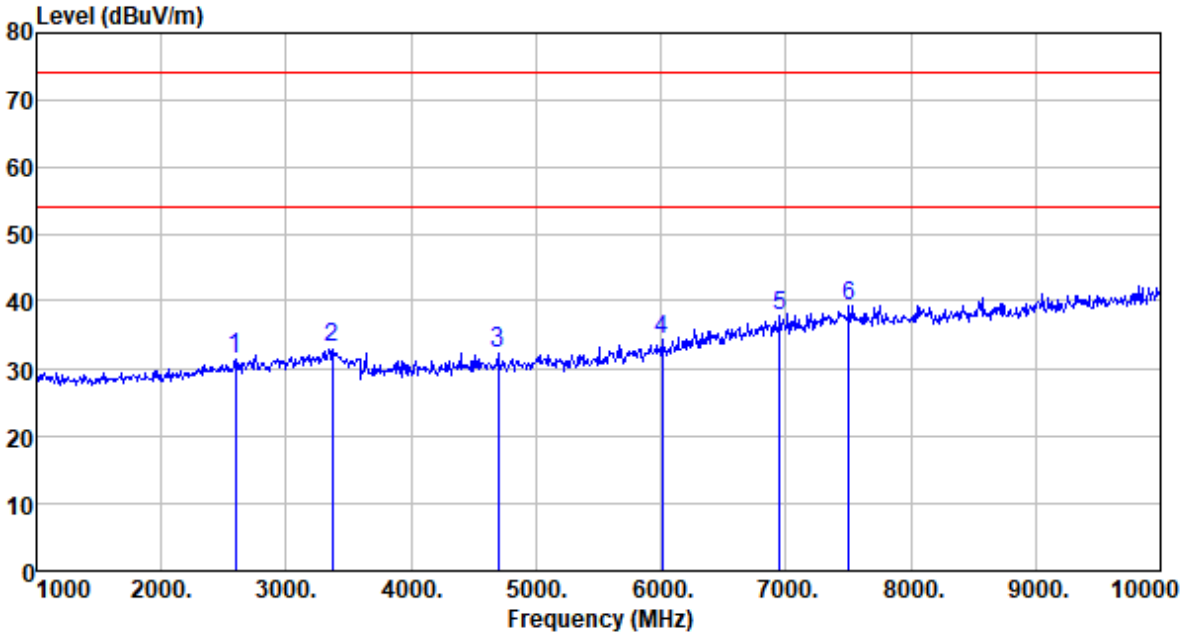
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2251.000	38.60	26.95	2.75	36.73	31.57	74.00	-42.43	Peak
3322.000	38.90	28.40	3.63	37.33	33.60	74.00	-40.40	Peak
5743.000	33.03	32.15	5.41	36.73	33.86	74.00	-40.14	Peak
6904.000	31.48	35.44	6.15	35.77	37.30	74.00	-36.70	Peak
7543.000	31.01	36.85	6.82	35.53	39.15	74.00	-34.85	Peak
8515.000	30.53	37.31	7.14	34.92	40.06	74.00	-33.94	Peak

Test channel:	Middle	Polarization:	Horizontal



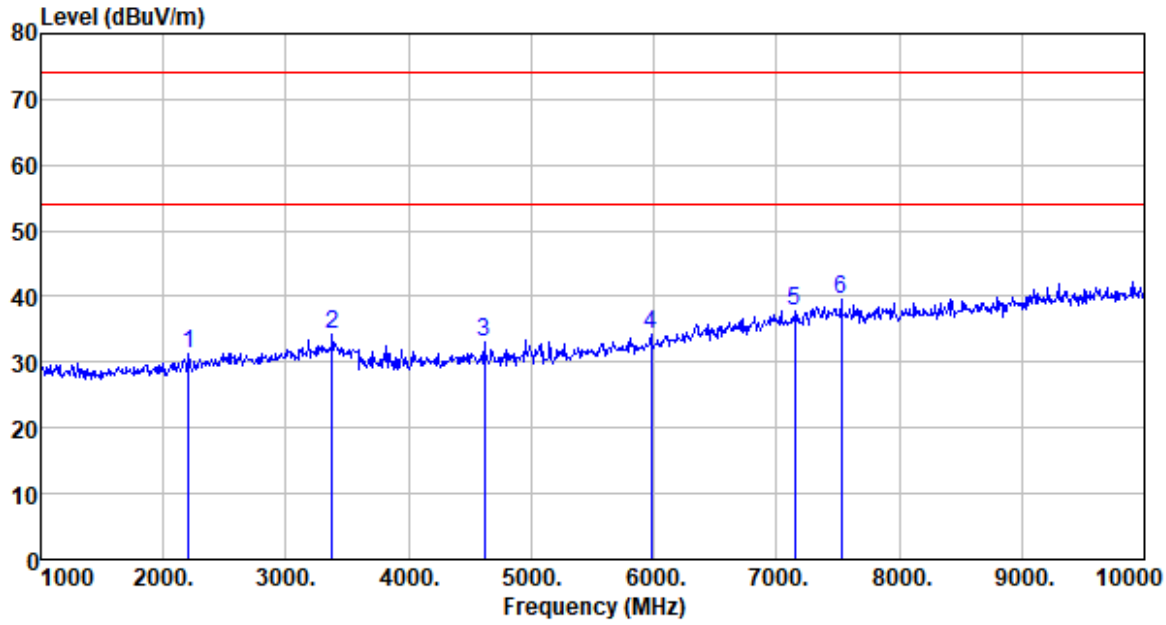
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
3376.000	39.01	28.40	3.64	37.34	33.71	74.00	-40.29	Peak
5248.000	34.33	31.60	5.03	37.42	33.54	74.00	-40.46	Peak
6652.000	31.98	34.82	5.93	35.92	36.81	74.00	-37.19	Peak
7453.000	30.55	36.71	6.79	35.56	38.49	74.00	-35.51	Peak
8776.000	30.28	37.41	7.37	34.70	40.36	74.00	-33.64	Peak
9397.000	31.37	37.74	7.86	34.78	42.19	74.00	-31.81	Peak

Test channel:	Middle	Polarization:	Vertical



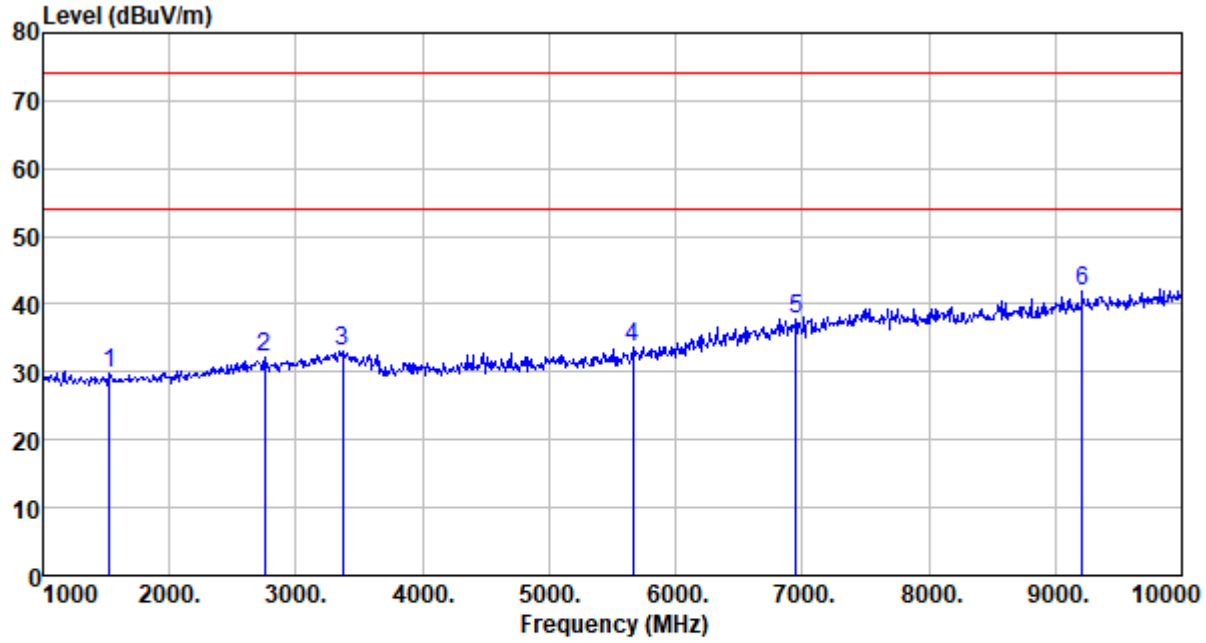
Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2593.000	37.61	27.84	3.11	37.01	31.55	74.00	-42.45	Peak
3367.000	38.24	28.40	3.63	37.34	32.93	74.00	-41.07	Peak
4699.000	34.69	31.02	4.56	37.69	32.58	74.00	-41.42	Peak
6013.000	32.24	32.66	5.62	36.39	34.13	74.00	-39.87	Peak
6949.000	31.80	35.60	6.20	35.73	37.87	74.00	-36.13	Peak
7507.000	31.26	36.80	6.83	35.54	39.35	74.00	-34.65	Peak

Test channel:	Highest	Polarization:	Horizontal



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2206.000	38.48	26.81	2.69	36.69	31.29	74.00	-42.71	Peak
3376.000	39.58	28.40	3.64	37.34	34.28	74.00	-39.72	Peak
4618.000	35.19	30.89	4.52	37.65	32.95	74.00	-41.05	Peak
5977.000	32.37	32.57	5.60	36.42	34.12	74.00	-39.88	Peak
7147.000	31.12	36.02	6.42	35.65	37.91	74.00	-36.09	Peak
7525.000	31.46	36.83	6.82	35.54	39.57	74.00	-34.43	Peak

Test channel:	Highest	Polarization:	Vertical

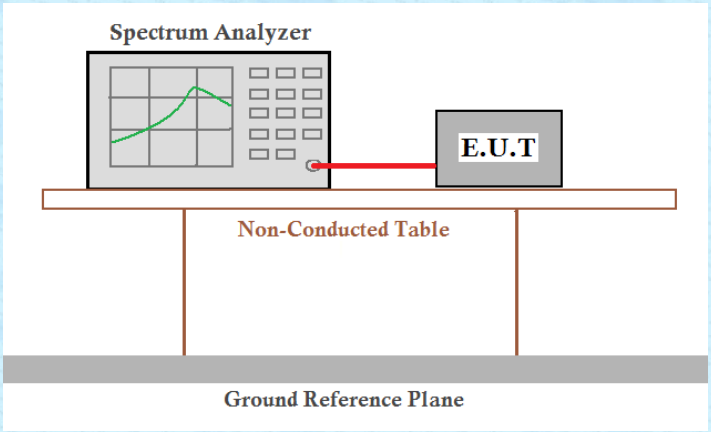


Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1522.000	38.31	25.34	2.30	36.18	29.77	74.00	-44.23	Peak
2755.000	37.99	28.08	3.18	37.13	32.12	74.00	-41.88	Peak
3367.000	38.24	28.40	3.63	37.34	32.93	74.00	-41.07	Peak
5662.000	33.29	32.00	5.35	36.84	33.80	74.00	-40.20	Peak
6949.000	31.80	35.60	6.20	35.73	37.87	74.00	-36.13	Peak
9217.000	31.20	37.63	7.72	34.65	41.90	74.00	-32.10	Peak

Remarks:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

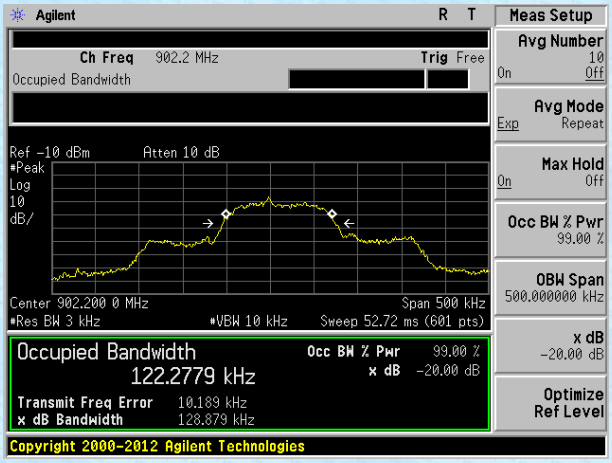
7.3 20dB Occupy Bandwidth

Test Requirement:	FCC Part15 C Section 15.249/15.215
Test Method:	ANSI C63.10:2013
Limit:	Operation Frequency range 902MHz~928MHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

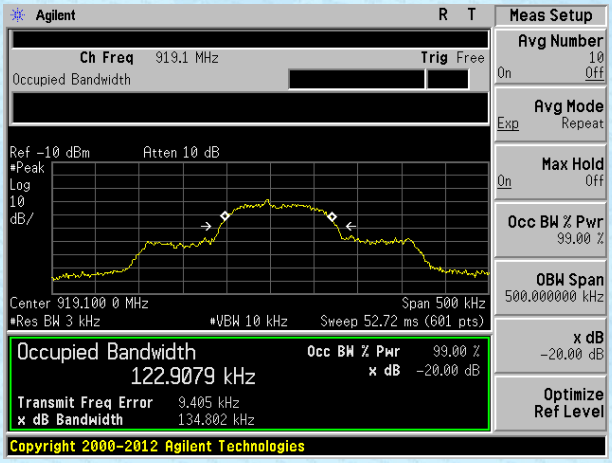
Measurement Data

Test channel	20dB bandwidth(kHz)	Result
Lowest	128.879	Pass
Middle	134.802	Pass
Highest	132.759	Pass

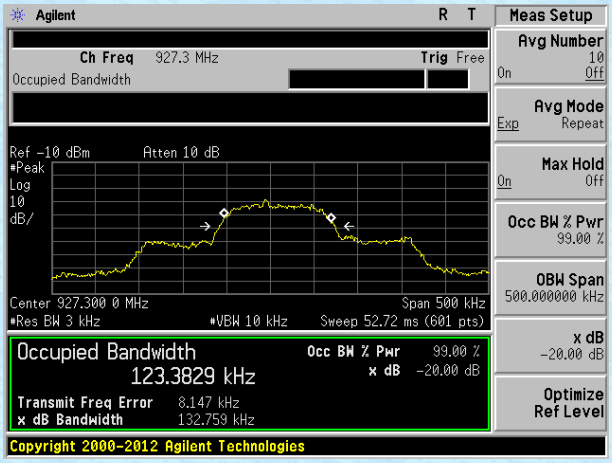
Test plot as follows:



Lowest channel



Middle channel



Highest channel

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

------End------