

TEST REPORT

Applicant: FLYSKY RC MODEL TECHNOLOGY CO., LTD

Address of Applicant: West building 3, Huangjinyuan Ind Park, Qiaoli North Gate, Changping Town, Dongguan, China

Manufacturer: ShenZhen FLYSKY Technology Co.,Ltd

Address of Manufacturer: 16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China

Factory: Dongguan Flysky RC Model technology Co.,Ltd

Address of Factory: West building 3, HuangjinyuanInd Park, Qiaoli North Gate, Changping Town, Dongguan, China

Equipment Under Test (EUT)

Product Name: Automatic Frequency Hopping Digital System

Model No.: FS-G7P+, G7P+

Trade Mark: FLYSKY

FCC ID: N4ZG7P00

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: April 23, 2025

Date of Test: April 24, 2025-May 09, 2025

Date of report issued: May 09, 2025

Test Result : PASS *

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

Authorized Signature:

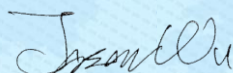
Robinson Luo
Laboratory Manager

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2 Version

Report No.	Version No.	Date	Description
GTS202111000233F01	00	December 07, 2021	Original
GTS2025040543F01	01	May 09, 2025	Class II permissive change

Prepared By:

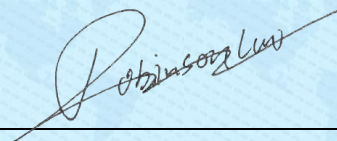


Date:

May 09, 2025

Project Engineer

Check By:



Date:

May 09, 2025

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna Requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Peak Output Power	15.247 (b)(1)	N/A *
20dB Occupied Bandwidth	15.247 (a)(1)	N/A *
Carrier Frequencies Separation	15.247 (a)(1)	N/A *
Hopping Channel Number	15.247 (a)(1)(iii)	N/A *
Dwell Time	15.247 (a)(1)(iii)	N/A *
Radiated Emission	15.205/15.209	Pass
Band Edge	15.247(d)	Pass

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. N/A*: Not applicable. This's a Class II permissive change report, all of the changes are not effect to the RF performance, function and power. So the RF conducted test data directly reference the original report number GTS202111000233F01.
3. Test according to ANSI C63.10:2013

4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz-30MHz	3.1dB	(1)
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:	Automatic Frequency Hopping Digital System
Model No.:	FS-G7P+, G7P+
Test Model No.:	FS-G7P+
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The difference is model number and flash memory.	
Serial No.:	RD1001684
Test sample(s) ID:	GTS2025040543-1
Sample(s) Status	Engineer sample
Operation Frequency:	2406MHz~2472MHz
Channel numbers:	133
Modulation method:	FHSS
Modulation technology:	GMSK
Antenna Type:	Integral Antenna
Antenna gain:	2.5dBi
Power supply:	DC 6V(4*1.5V Size“AA” Battery) Or Input: 5VDC

Note:

1. Antenna gain information provided by the customer.
2. The relevant information of the sample is provided by the entrusting company, and the laboratory is not responsible for its authenticity.
3. The system works in the frequency range of 2406MHz to 2472MHz. This band has been divided to 133 independent channels. Each radio system uses 20 different channels; the minimum channel separation is ≥ 3 MHz. By using various switch-on times, hopping scheme and channel frequencies, the system can guarantee a jamming free radio transmission. The channel list is below.

The test frequencies are below:

Channel	Frequency
The lowest channel	2406MHz
The middle channel	2440MHz
The Highest channel	2472MHz

Operation Frequency each of channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2406	36	2423.5	71	2441	106	2458.5
2	2406.5	37	2424	72	2441.5	107	2459
3	2407	38	2424.5	73	2442	108	2459.5
4	2407.5	39	2425	74	2442.5	109	2460
5	2408	40	2425.5	75	2443	110	2460.5
6	2408.5	41	2426	76	2443.5	111	2461
7	2409	42	2426.5	77	2444	112	2461.5
8	2409.5	43	2427	78	2444.5	113	2462
9	2410	44	2427.5	79	2445	114	2462.5
10	2410.5	45	2428	80	2445.5	115	2463
11	2411	46	2428.5	81	2446	116	2463.5
12	2411.5	47	2429	82	2446.5	117	2464
13	2412	48	2429.5	83	2447	118	2464.5
14	2412.5	49	2430	84	2447.5	119	2465
15	2413	50	2430.5	85	2448	120	2465.5
16	2413.5	51	2431	86	2448.5	121	2466
17	2414	52	2431.5	87	2449	122	2466.5
18	2414.5	53	2432	88	2449.5	123	2467
19	2415	54	2432.5	89	2450	124	2467.5
20	2415.5	55	2433	90	2450.5	125	2468
21	2416	56	2433.5	91	2451	126	2468.5
22	2416.5	57	2434	92	2451.5	127	2469
23	2417	58	2434.5	93	2452	128	2469.5
24	2417.5	59	2435	94	2452.5	129	2470
25	2418	60	2435.5	95	2453	130	2470.5
26	2418.5	61	2436	96	2453.5	131	2471
27	2419	62	2436.5	97	2454	132	2471.5
28	2419.5	63	2437	98	2454.5	133	2472
29	2420	64	2437.5	99	2455		
30	2420.5	65	2438	100	2455.5		
31	2421	66	2438.5	101	2456		
32	2421.5	67	2439	102	2456.5		
33	2422	68	2439.5	103	2457		
34	2422.5	69	2440	104	2457.5		
35	2423	70	2440.5	105	2458		

5.2 Test mode

Transmitting mode	Keep the EUT in transmitting mode.
Remark: During the test, the duty cycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data. New battery is used during all test.	

5.3 Test Facility

<p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> • 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. • ISED —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 ISED 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).

5.4 Test Location

All other tests were performed at:
<p>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</p>

5.5 Description of Support Units

None.

5.6 Deviation from Standards

None.

5.7 Abnormalities from Standard Conditions

None.

5.8 Additional Instructions

Software (Used for test) from client
Built-in by manufacturer, power set 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	Apr. 11, 2025	Apr. 10, 2026
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	Apr. 12, 2025	Apr. 11, 2026
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 12, 2025	Apr. 11, 2026
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2025	Apr. 10, 2026
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul. 02, 2024	Jul. 01, 2025
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.16, 2024	Nov.15, 2025
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 11, 2025	Apr. 10, 2026
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2025	Apr. 10, 2026
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2025	Apr. 10, 2026
11	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 11, 2025	Mar. 10, 2026
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 11, 2025	Apr. 10, 2026
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 13, 2024	Nov. 12, 2025
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 11, 2025	Apr. 10, 2026
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 15, 2025	Apr. 14, 2026
16	RE cable 1	GTS	N/A	GTS675	Jul. 02, 2024	Jul. 01, 2025
17	RE cable 2	GTS	N/A	GTS676	Jul. 02, 2024	Jul. 01, 2025
18	RE cable 3	GTS	N/A	GTS677	Jul. 02, 2024	Jul. 01, 2025
19	RE cable 4	GTS	N/A	GTS678	Jul. 02, 2024	Jul. 01, 2025
20	RE cable 5	GTS	N/A	GTS679	Jul. 02, 2024	Jul. 01, 2025
21	RE cable 6	GTS	N/A	GTS680	Jul. 02, 2024	Jul. 01, 2025
22	RE cable 7	GTS	N/A	GTS681	Jul. 05, 2024	Jul. 04, 2025
23	RE cable 8	GTS	N/A	GTS682	Jul. 05, 2024	Jul. 04, 2025
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 12, 2025	Apr. 11, 2026
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 11, 2025	Apr. 10, 2026
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 15, 2025	Apr. 14, 2026
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 12, 2025	Apr. 11, 2026
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 11, 2025	Apr. 10, 2026
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 11, 2025	Apr. 10, 2026
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 11, 2025	Apr. 10, 2026
10	EMI Test Software	AUDIX	E3-6.100622	GTS726	N/A	N/A
11	Current probe	CYBERTEK	EM5011	GTS698	Jan. 13, 2025	Jan. 12, 2026

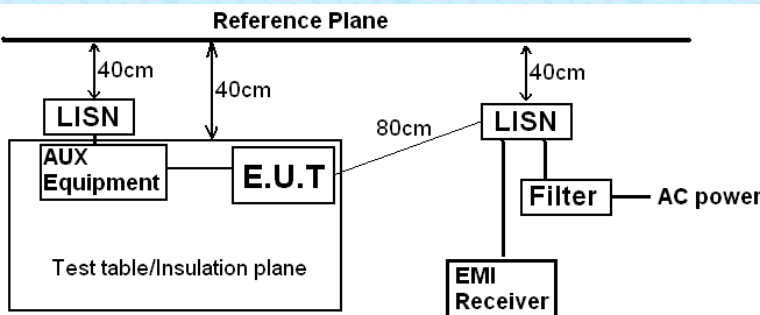
General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Aug. 17, 2024	Aug. 16, 2025

7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
<p>15.203 requirement:</p> <p>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.</p> <p>15.247(c) (1)(i) requirement:</p> <p>(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.</p>	
EUT Antenna:	
<p><i>The antenna is integral antenna, the best case gain of the antenna is 2.5dBi, reference to the appendix II for details.</i></p>	

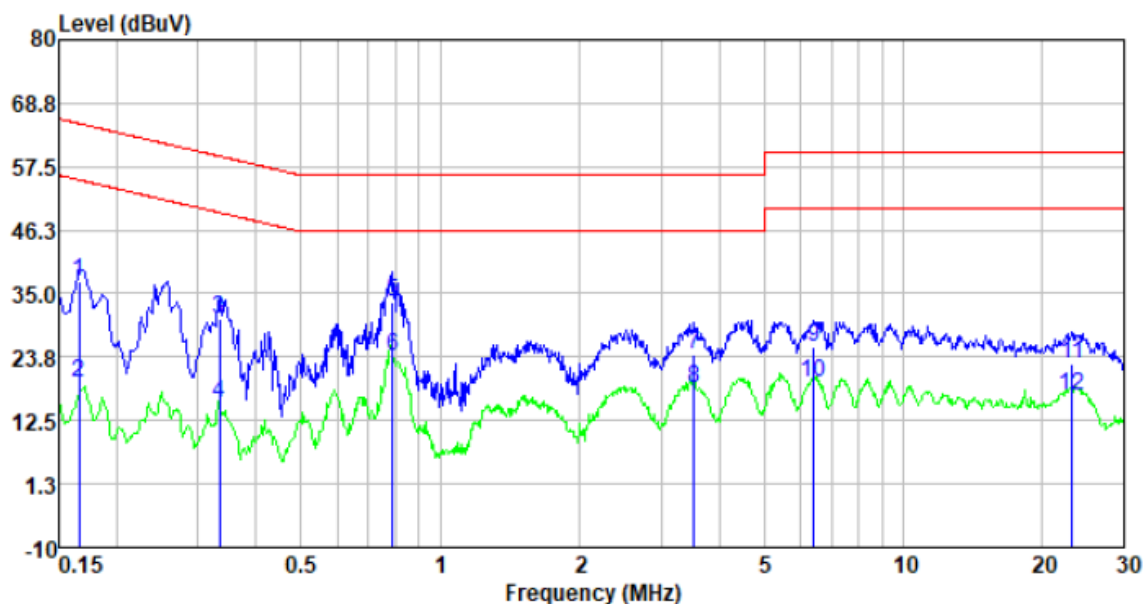
7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2013					
Test Frequency Range:	150KHz to 30MHz					
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto					
Limit:	Frequency range (MHz)		Limit (dBuV)			
			Quasi-peak		Average	
	0.15-0.5		66 to 56*		56 to 46*	
	0.5-5		56		46	
	5-30		60		50	
* Decreases with the logarithm of the frequency.						
Test setup:	<div><p style="text-align: center;">Reference Plane</p><p><i>Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</i></p></div>					
Test procedure:	<div><div>1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</div><div>2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</div><div>3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.</div></div>					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Measurement data

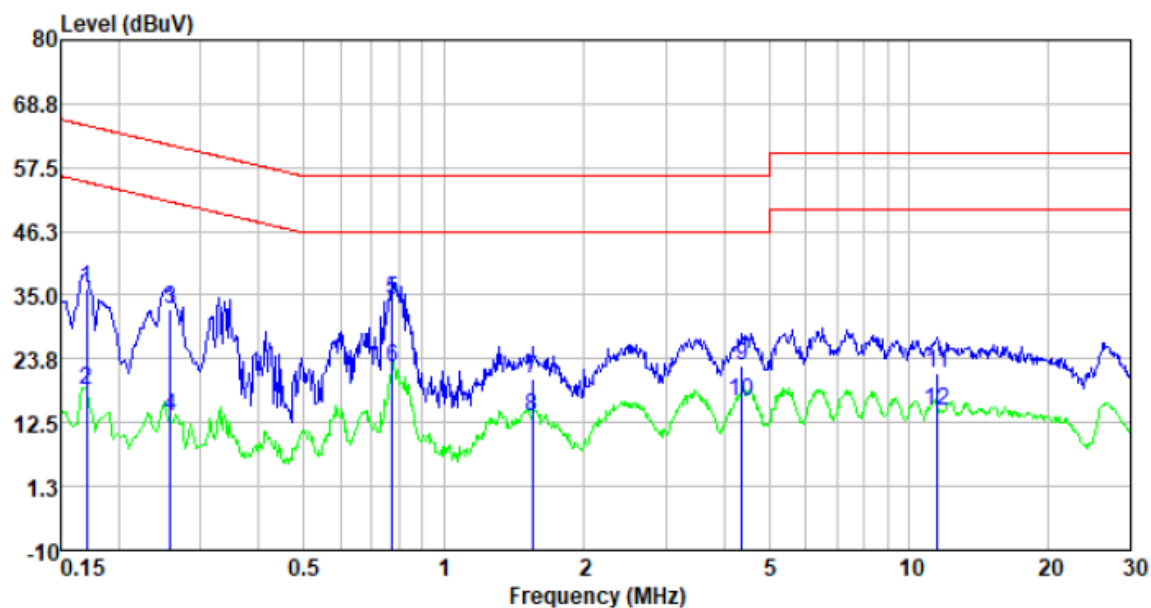
Pre-scan all test modes, found worst case at 2406MHz, and so only show the test result of it.

Line:



Freq	Reading level	LISN/ISN factor	Cable loss	Level	Limit level	Over limit	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
0.17	17.31	9.91	0.01	37.23	65.16	-27.93	QP
0.17	-0.81	9.91	0.01	19.11	55.16	-36.05	Average
0.33	10.96	9.62	0.01	30.59	59.35	-28.76	QP
0.33	-4.16	9.62	0.01	15.47	49.35	-33.88	Average
0.79	13.65	9.77	0.02	33.44	56.00	-22.56	QP
0.79	4.18	9.77	0.02	23.97	46.00	-22.03	Average
3.53	4.67	9.43	0.06	24.16	56.00	-31.84	QP
3.53	-1.27	9.43	0.06	18.22	46.00	-27.78	Average
6.42	5.89	9.73	0.08	25.70	60.00	-34.30	QP
6.42	-0.61	9.73	0.08	19.20	50.00	-30.80	Average
23.14	2.51	9.91	0.19	22.61	60.00	-37.39	QP
23.14	-3.04	9.91	0.19	17.06	50.00	-32.94	Average

Neutral:



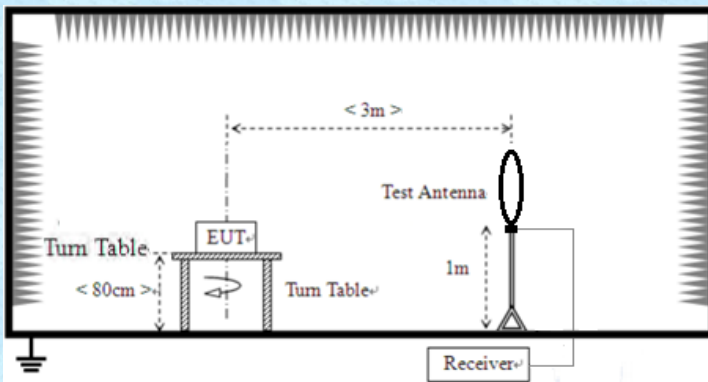
Freq	Reading level	LISN/ISN factor	Cable loss	Level	Limit level	Over limit	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
0.17	16.24	9.97	0.01	36.22	64.94	-28.72	QP
0.17	-1.90	9.97	0.01	18.08	54.94	-36.86	Average
0.26	12.48	9.89	0.01	32.38	61.51	-29.13	QP
0.26	-6.45	9.89	0.01	13.45	51.51	-38.06	Average
0.78	14.13	9.93	0.02	34.08	56.00	-21.92	QP
0.78	2.20	9.93	0.02	22.15	46.00	-23.85	Average
1.55	0.17	9.87	0.04	20.08	56.00	-35.92	QP
1.55	-6.20	9.87	0.04	13.71	46.00	-32.29	Average
4.38	2.82	9.73	0.06	22.61	56.00	-33.39	QP
4.38	-3.58	9.73	0.06	16.21	46.00	-29.79	Average
11.50	1.27	9.73	0.13	21.13	60.00	-38.87	QP
11.50	-5.36	9.73	0.13	14.50	50.00	-35.50	Average

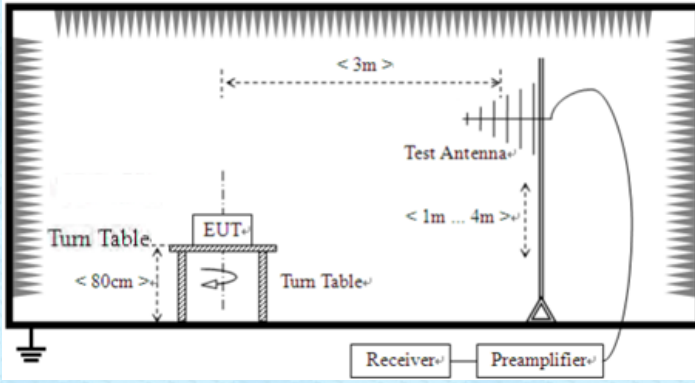
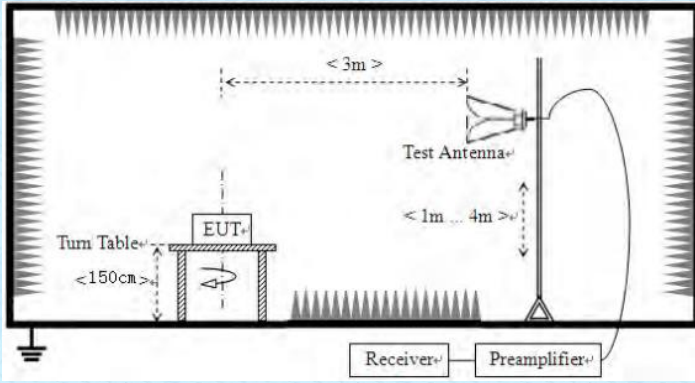
Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss
4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

7.3 Spurious Emission in Non-restricted & restricted Bands

7.3.1 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Limit: (Spurious Emissions)	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(KHz)	QP	300m	
	0.490MHz-1.705MHz	24000/F(KHz)	QP	300m	
	1.705MHz-30MHz	30	QP	30m	
	30MHz-88MHz	100	QP	3m	
	88MHz-216MHz	150	QP		
	216MHz-960MHz	200	QP		
	960MHz-1GHz	500	QP		
	Above 1GHz	500	Average		
		5000	Peak		
Test setup:	Below 30MHz				
					
	Below 1GHz				

	 <p>Above 1GHz</p> 						
Test Procedure:	<ol style="list-style-type: none">1. The EUT was placed on the top of a rotating table (0.8 meters for below 1GHz and 1.5meters 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.						
Test Instruments:	Refer to section 5.8 for details						
Test mode:	Refer to section 5.2 for details						
Temp. / Hum.	<table><tr><td>Temp.:</td><td>25 °C</td><td>Humid.:</td><td>52%</td><td>Press.:</td><td>1 012mbar</td></tr></table>	Temp.:	25 °C	Humid.:	52%	Press.:	1 012mbar
Temp.:	25 °C	Humid.:	52%	Press.:	1 012mbar		

Test results:	Pass
Test voltage:	AC 120V, 60Hz

Remark:

1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

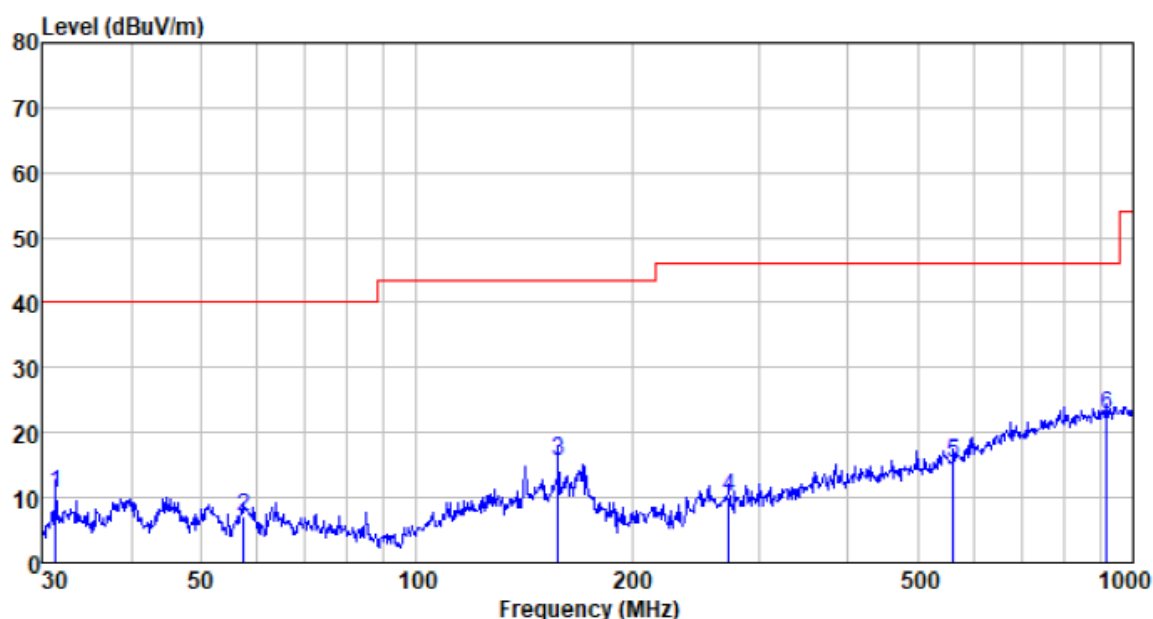
Measurement data:

■ Below 30MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

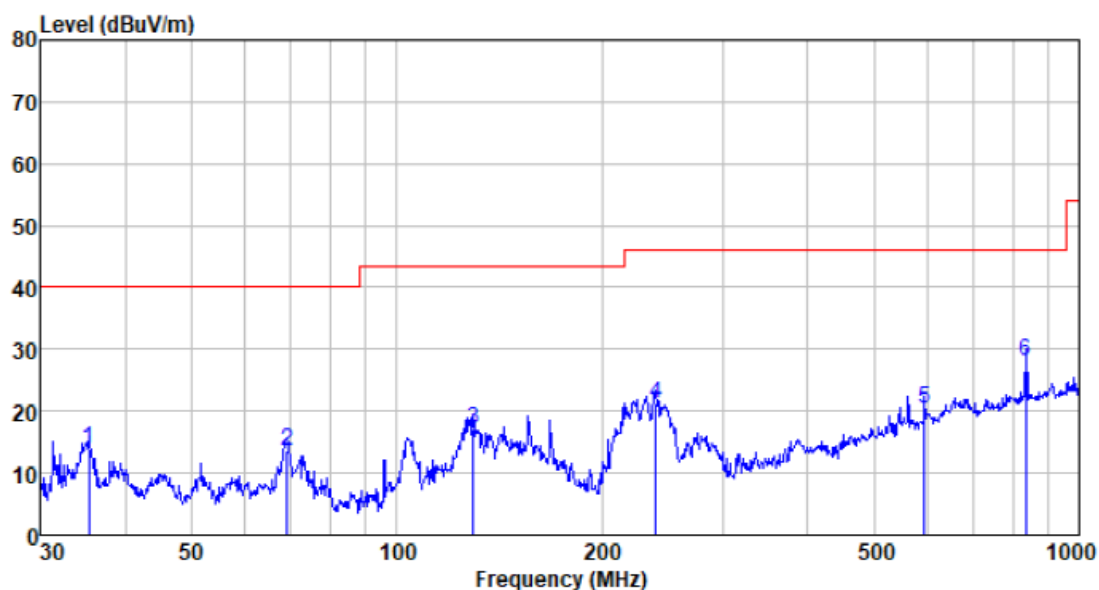
■ 30MHz ~ 1GHz

Test channel:	Lowest	Polarization:	Horizontal
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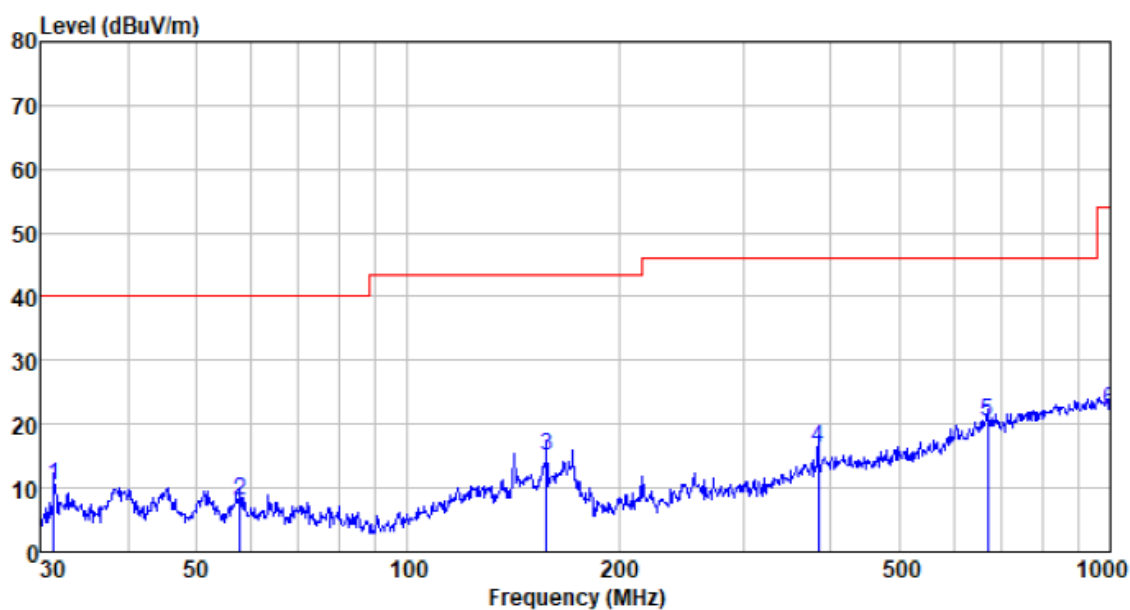
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
31.399	29.36	12.50	1.13	32.30	10.69	40.00	-29.31	QP
57.392	25.84	12.18	1.46	32.33	7.15	40.00	-32.85	QP
157.559	30.77	14.74	2.53	32.44	15.60	43.50	-27.90	QP
273.234	27.52	11.53	3.29	32.33	10.01	46.00	-35.99	QP
560.693	24.98	17.93	4.47	31.98	15.40	46.00	-30.60	QP
919.287	24.61	23.29	5.79	31.10	22.59	46.00	-23.41	QP

Test channel:	Lowest	Polarization:	Vertical
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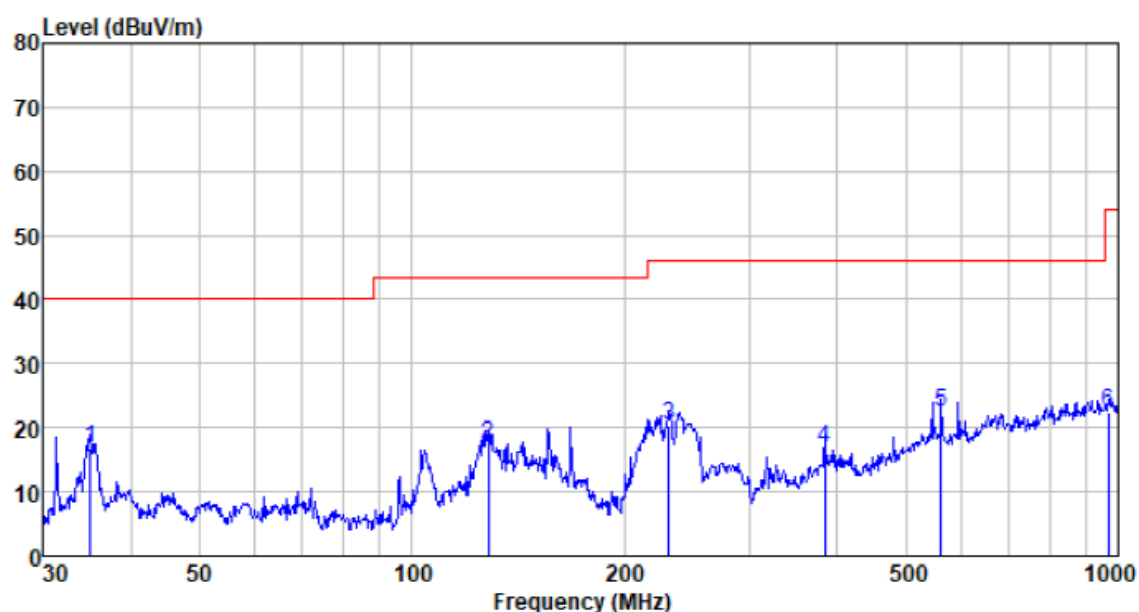
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
35.375	31.87	13.18	1.19	32.30	13.94	40.00	-26.06	QP
69.114	33.55	10.89	1.64	32.38	13.70	40.00	-26.30	QP
129.468	34.21	13.15	2.27	32.47	17.16	43.50	-26.34	QP
239.987	40.46	10.00	3.11	32.36	21.21	46.00	-24.79	QP
593.050	29.00	18.76	4.60	31.86	20.50	46.00	-25.50	QP
836.244	31.19	22.42	5.57	31.10	28.08	46.00	-17.92	QP

Test channel:	Middle	Polarization:	Horizontal
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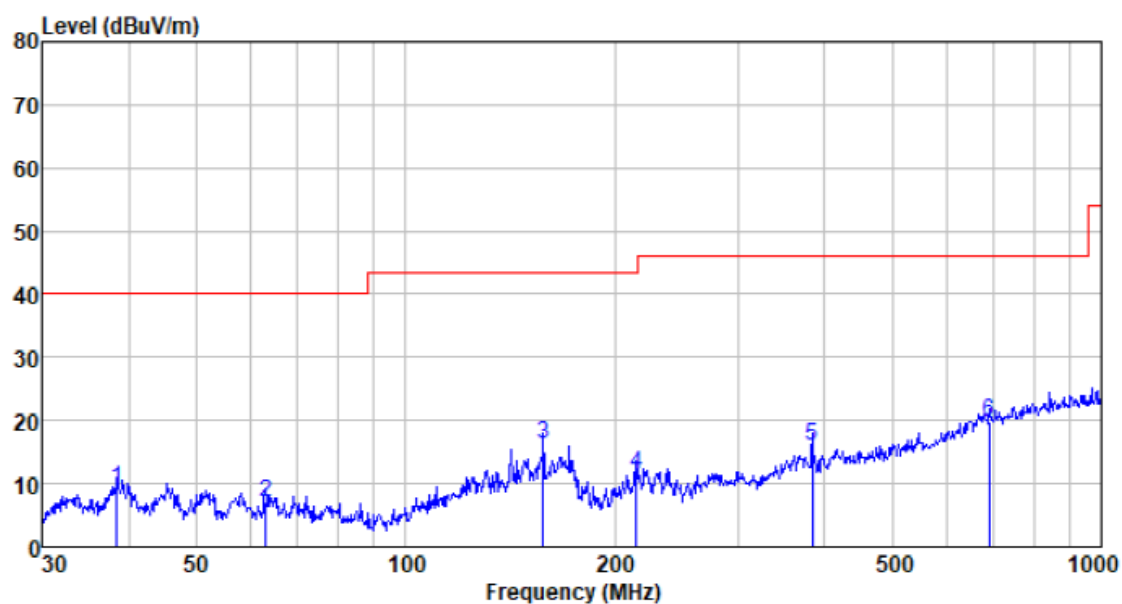
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
31.399	29.03	12.50	1.13	32.30	10.36	40.00	-29.64	QP
57.796	26.54	12.26	1.46	32.33	7.93	40.00	-32.07	QP
157.559	30.17	14.74	2.53	32.44	15.00	43.50	-28.50	QP
383.932	30.24	14.38	3.81	32.26	16.17	46.00	-29.83	QP
668.142	26.79	20.16	4.94	31.58	20.31	46.00	-25.69	QP
1000.000	23.17	24.10	6.02	31.10	22.19	54.00	-31.81	QP

Test channel:	Middle	Polarization:	Vertical
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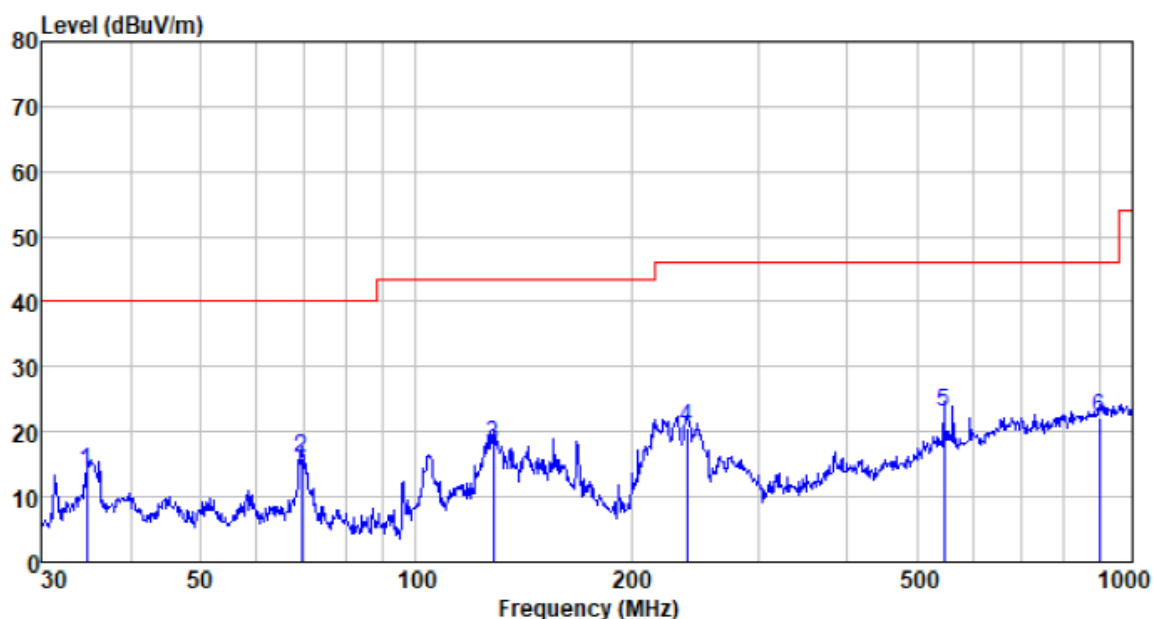
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
35.005	34.76	13.10	1.19	32.30	16.75	40.00	-23.25	QP
128.113	34.68	13.01	2.26	32.47	17.48	43.50	-26.02	QP
230.907	40.09	9.64	3.05	32.37	20.41	46.00	-25.59	QP
383.932	30.86	14.38	3.81	32.26	16.79	46.00	-29.21	QP
560.693	32.07	17.93	4.47	31.98	22.49	46.00	-23.51	QP
968.934	23.88	23.78	5.93	31.10	22.49	54.00	-31.51	QP

Test channel:	Highest	Polarization:	Horizontal
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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
38.481	26.06	14.05	1.24	32.30	9.05	40.00	-30.95	QP
62.871	26.42	11.55	1.53	32.35	7.15	40.00	-32.85	QP
157.559	31.28	14.74	2.53	32.44	16.11	43.50	-27.39	QP
214.514	31.14	9.81	2.95	32.39	11.51	43.50	-31.99	QP
383.932	29.96	14.38	3.81	32.26	15.89	46.00	-30.11	QP
689.565	25.88	20.39	5.04	31.50	19.81	46.00	-26.19	QP

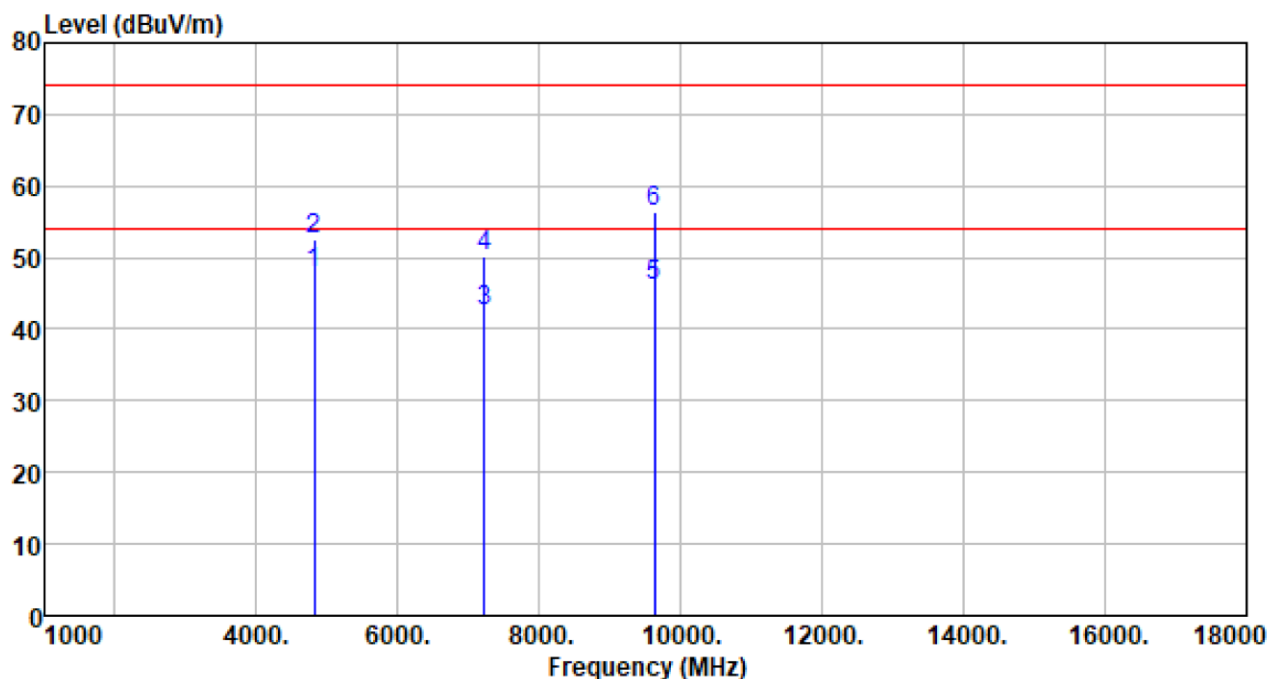
Test channel:	Highest	Polarization:	Vertical
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
34.760	32.07	13.03	1.18	32.30	13.98	40.00	-26.02	QP
69.357	35.69	10.86	1.64	32.38	15.81	40.00	-24.19	QP
128.113	35.20	13.01	2.26	32.47	18.00	43.50	-25.50	QP
239.147	40.07	9.97	3.10	32.36	20.78	46.00	-25.22	QP
545.183	32.93	17.60	4.40	32.03	22.90	46.00	-23.10	QP
900.147	24.41	23.10	5.73	31.10	22.14	46.00	-23.86	QP

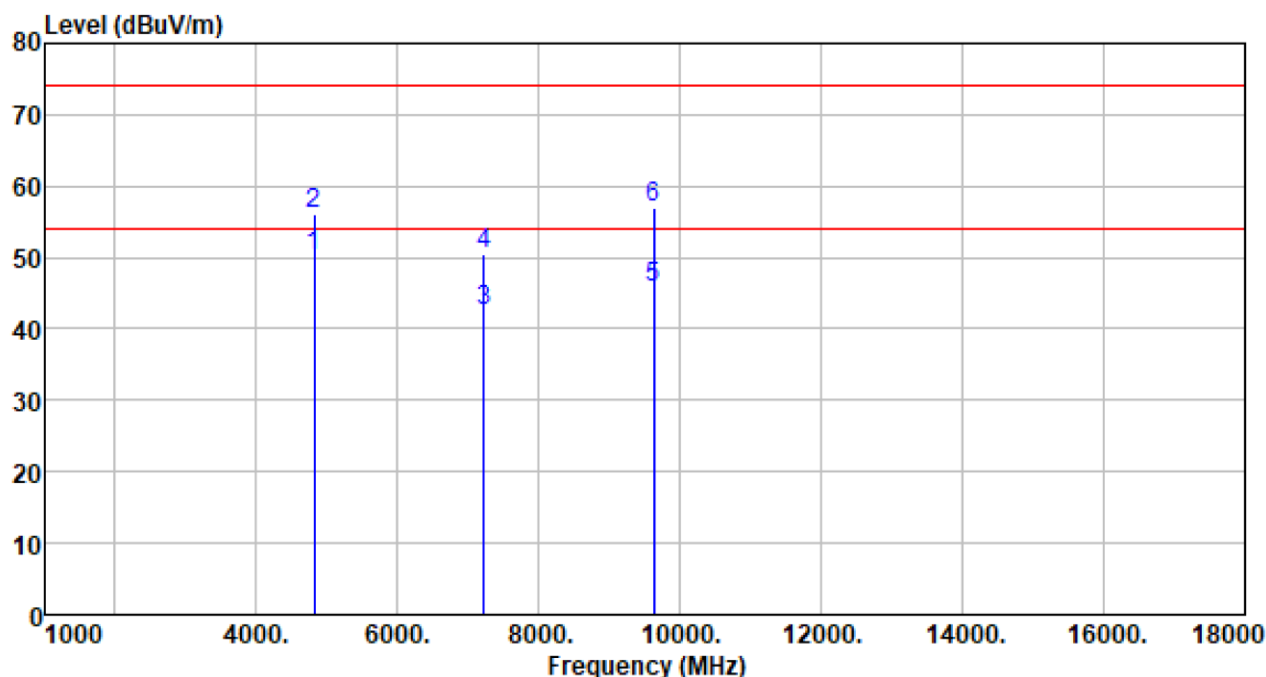
- Above 1GHz
- Unwanted Emissions in Non-restricted Frequency Bands

Test channel:	Lowest	Polarization:	Horizontal
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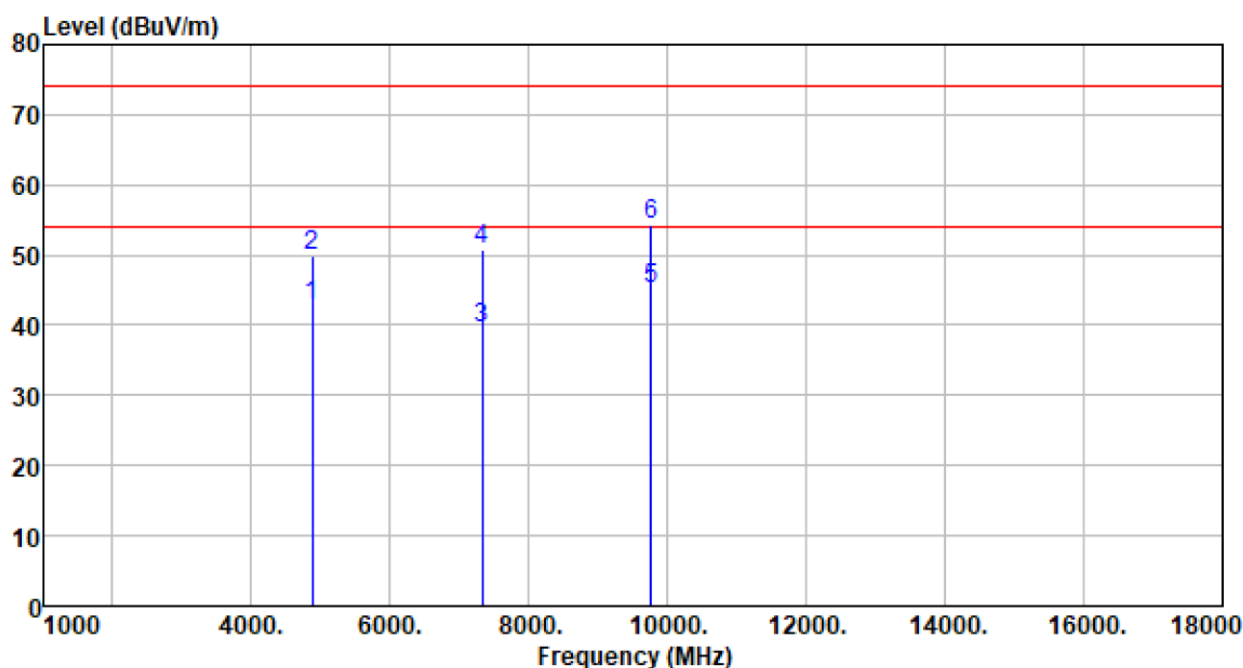
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4812.000	48.23	32.02	6.01	38.54	47.72	54.00	-6.28	Average
4812.000	53.13	32.02	6.01	38.54	52.62	74.00	-21.38	Peak
7218.000	37.45	36.24	7.93	39.15	42.47	54.00	-11.53	Average
7218.000	45.20	36.24	7.93	39.15	50.22	74.00	-23.78	Peak
9624.000	33.67	38.20	14.50	40.22	46.15	54.00	-7.85	Average
9624.000	43.81	38.20	14.50	40.22	56.29	74.00	-17.71	Peak

Test channel:	Lowest	Polarization:	Vertical
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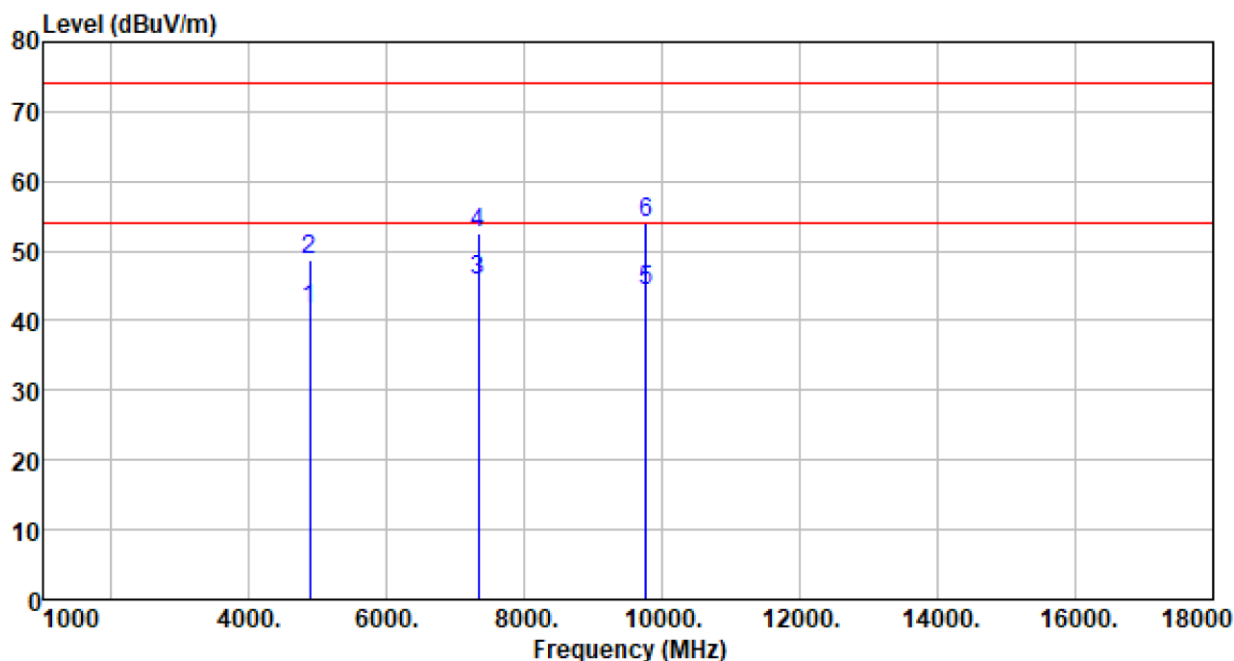
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4812.000	50.69	32.02	6.01	38.54	50.18	54.00	-3.82	Average
4812.000	56.61	32.02	6.01	38.54	56.10	74.00	-17.90	Peak
7218.000	37.39	36.24	7.93	39.15	42.41	54.00	-11.59	Average
7218.000	45.35	36.24	7.93	39.15	50.37	74.00	-23.63	Peak
9624.000	33.38	38.20	14.50	40.22	45.86	54.00	-8.14	Average
9624.000	44.48	38.20	14.50	40.22	56.96	74.00	-17.04	Peak

Test channel:	Middle	Polarization:	Horizontal
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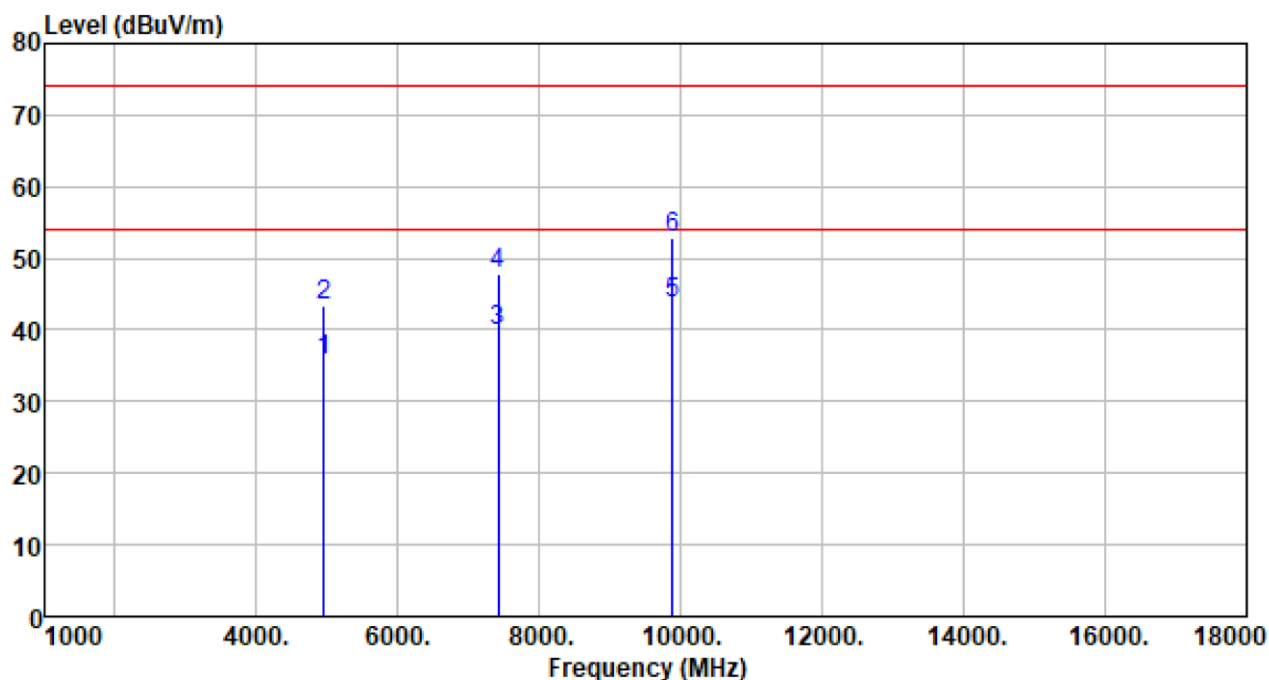
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4880.000	43.26	32.10	6.03	38.52	42.87	54.00	-11.13	Average
4880.000	50.36	32.10	6.03	38.52	49.97	74.00	-24.03	Peak
7320.000	34.41	36.30	8.04	39.22	39.53	54.00	-14.47	Average
7320.000	45.65	36.30	8.04	39.22	50.77	74.00	-23.23	Peak
9760.000	35.84	38.20	11.35	40.25	45.14	54.00	-8.86	Average
9760.000	44.96	38.20	11.35	40.25	54.26	74.00	-19.74	Peak

Test channel:	Middle	Polarization:	Vertical
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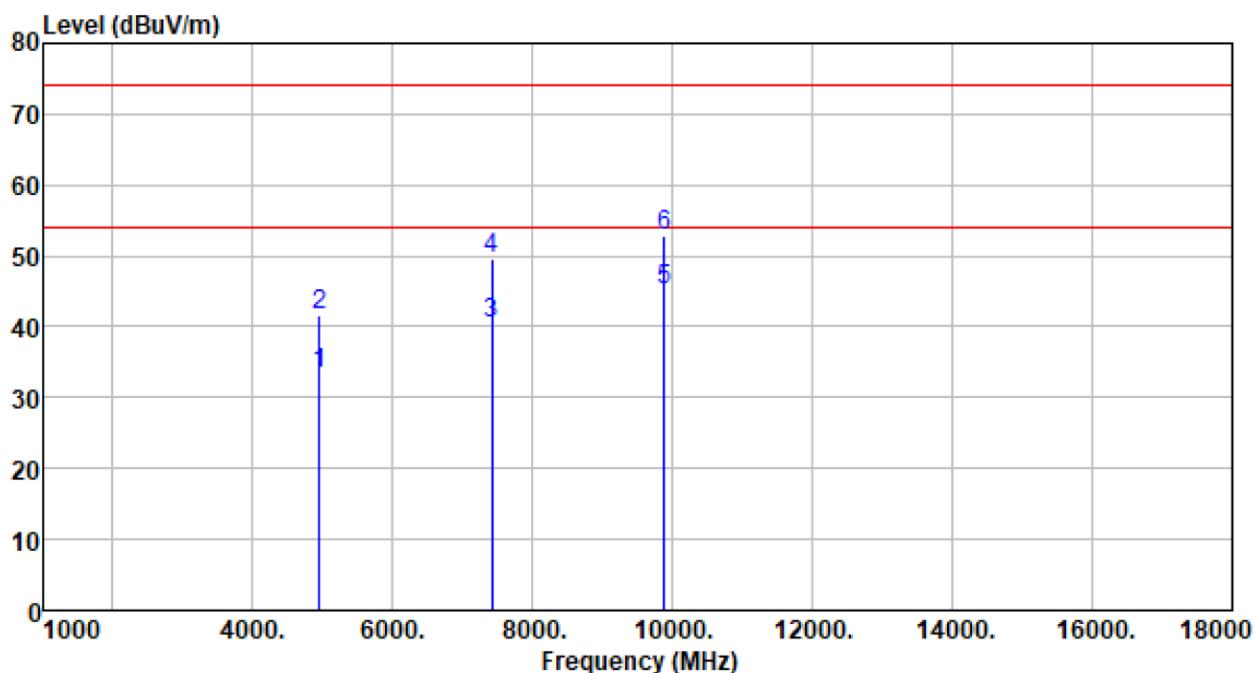
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4880.000	42.05	32.10	6.03	38.52	41.66	54.00	-12.34	Average
4880.000	49.16	32.10	6.03	38.52	48.77	74.00	-25.23	Peak
7320.000	40.51	36.30	8.04	39.22	45.63	54.00	-8.37	Average
7320.000	47.38	36.30	8.04	39.22	52.50	74.00	-21.50	Peak
9760.000	34.86	38.20	11.35	40.25	44.16	54.00	-9.84	Average
9760.000	44.60	38.20	11.35	40.25	53.90	74.00	-20.10	Peak

Test channel:	Highest	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4944.000	35.92	32.19	6.05	38.51	35.65	54.00	-18.35	Average
4944.000	43.81	32.19	6.05	38.51	43.54	74.00	-30.46	Peak
7416.000	34.64	36.30	8.13	39.29	39.78	54.00	-14.22	Average
7416.000	42.73	36.30	8.13	39.29	47.87	74.00	-26.13	Peak
9888.000	35.24	38.20	10.67	40.28	43.83	54.00	-10.17	Average
9888.000	44.10	38.20	10.67	40.28	52.69	74.00	-21.31	Peak

Test channel:	Highest	Polarization:	Vertical
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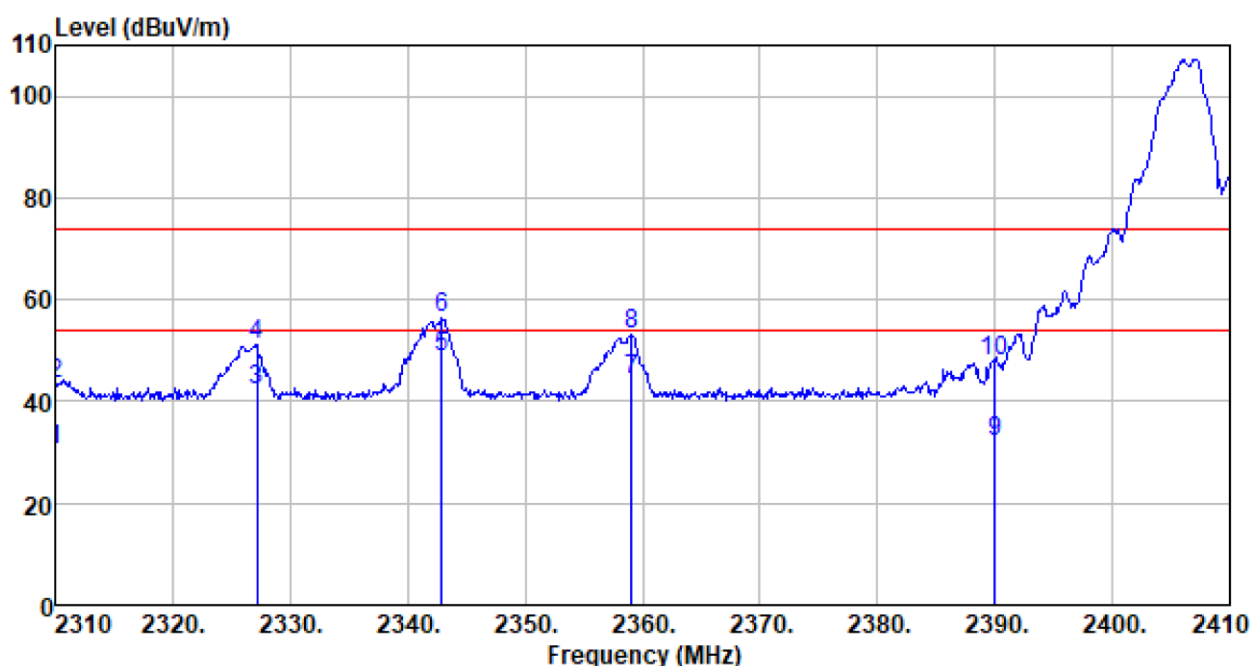
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4944.000	33.63	32.19	6.05	38.51	33.36	54.00	-20.64	Average
4944.000	41.77	32.19	6.05	38.51	41.50	74.00	-32.50	Peak
7416.000	35.19	36.30	8.13	39.29	40.33	54.00	-13.67	Average
7416.000	44.37	36.30	8.13	39.29	49.51	74.00	-24.49	Peak
9888.000	36.57	38.20	10.67	40.28	45.16	54.00	-8.84	Average
9888.000	44.35	38.20	10.67	40.28	52.94	74.00	-21.06	Peak

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.
3. For above 18GHz, no emission found.

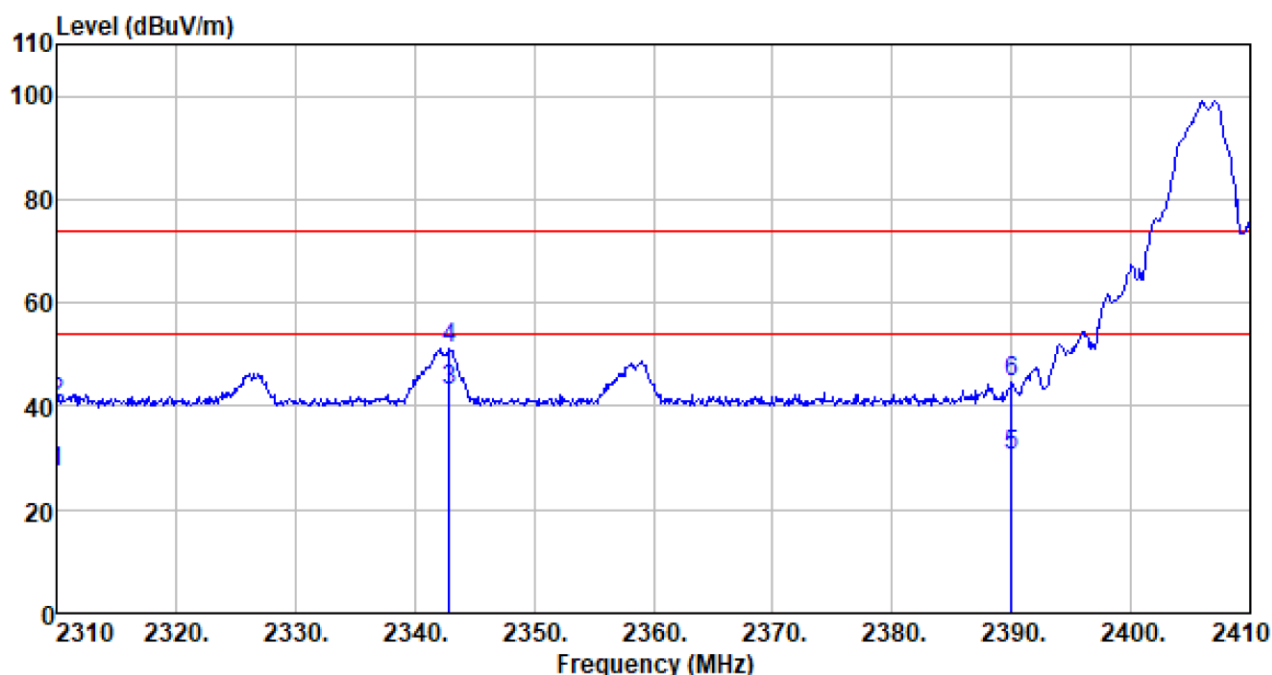
Unwanted Emissions in Restricted Frequency Bands

Test channel:	Lowest	Polarization:	Horizontal
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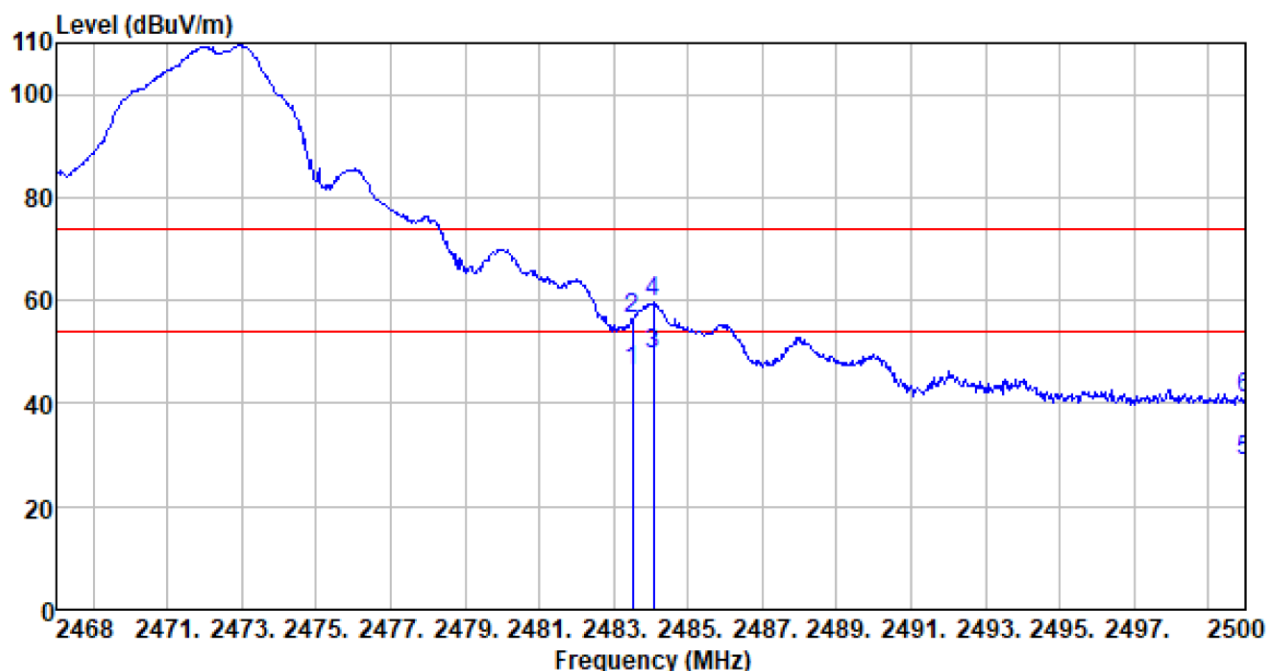
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	38.32	27.00	4.13	39.14	30.31	54.00	-23.69	Average
2310.000	51.55	27.00	4.13	39.14	43.54	74.00	-30.46	Peak
2327.200	50.22	27.00	4.14	39.19	42.17	54.00	-11.83	Average
2327.200	59.34	27.00	4.14	39.19	51.29	74.00	-22.71	Peak
2342.900	56.69	27.00	4.15	39.22	48.62	54.00	-5.38	Average
2342.900	64.37	27.00	4.15	39.22	56.30	74.00	-17.70	Peak
2359.100	52.18	27.02	4.16	39.26	44.10	54.00	-9.90	Average
2359.100	61.07	27.02	4.16	39.26	52.99	74.00	-21.01	Peak
2390.000	40.33	27.08	4.17	39.34	32.24	54.00	-21.76	Average
2390.000	55.99	27.08	4.17	39.34	47.90	74.00	-26.10	Peak

Test channel:	Lowest	Polarization:	Vertical
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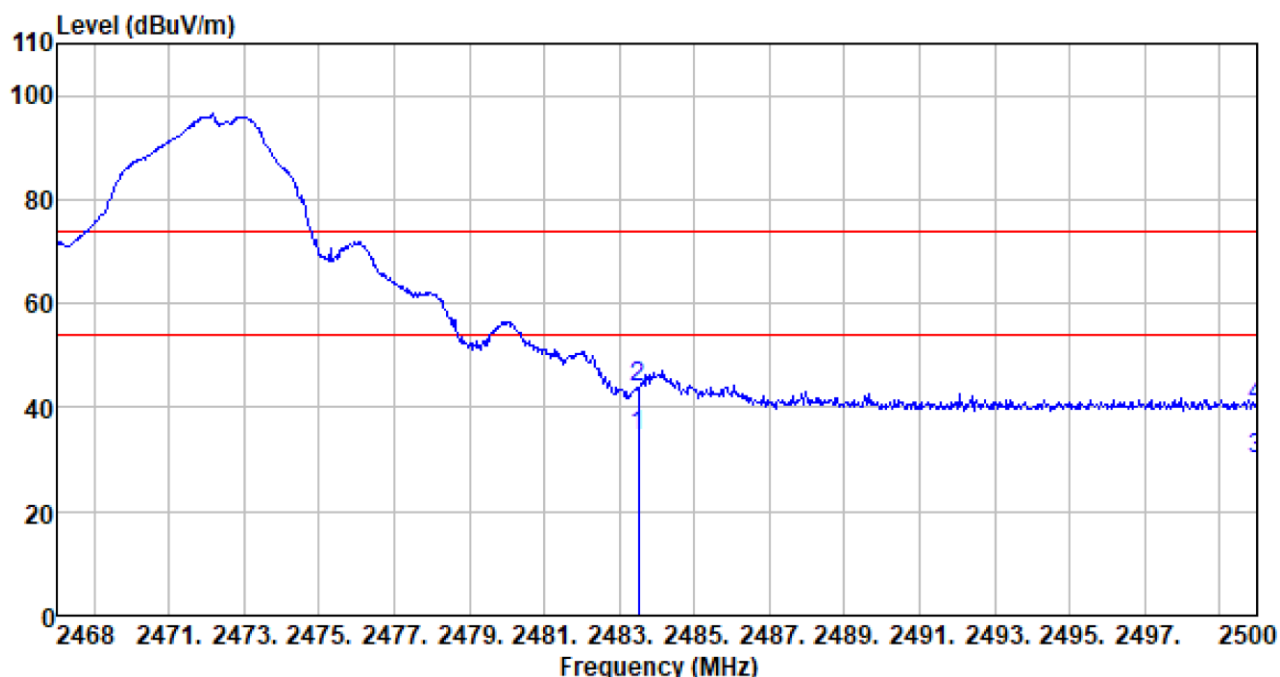
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	35.28	27.00	4.13	39.14	27.27	54.00	-26.73	Average
2310.000	48.47	27.00	4.13	39.14	40.46	74.00	-33.54	Peak
2342.900	51.13	27.00	4.15	39.22	43.06	54.00	-10.94	Average
2342.900	59.08	27.00	4.15	39.22	51.01	74.00	-22.99	Peak
2390.000	38.72	27.08	4.17	39.34	30.63	54.00	-23.37	Average
2390.000	52.87	27.08	4.17	39.34	44.78	74.00	-29.22	Peak

Test channel:	Highest	Polarization:	Horizontal
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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
2483.500	54.42	27.27	4.08	39.56	46.21	54.00	-7.79	Average
2483.500	64.67	27.27	4.08	39.56	56.46	74.00	-17.54	Peak
2484.064	57.68	27.27	4.08	39.56	49.47	54.00	-4.53	Average
2484.064	67.74	27.27	4.08	39.56	59.53	74.00	-14.47	Peak
2500.000	37.17	27.30	4.06	39.60	28.93	54.00	-25.07	Average
2500.000	49.09	27.30	4.06	39.60	40.85	74.00	-33.15	Peak

Test channel:	Highest	Polarization:	Vertical
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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
2483.500	42.73	27.27	4.08	39.56	34.52	54.00	-19.48	Average
2483.500	51.87	27.27	4.08	39.56	43.66	74.00	-30.34	Peak
2500.000	38.45	27.30	4.06	39.60	30.21	54.00	-23.79	Average
2500.000	48.60	27.30	4.06	39.60	40.36	74.00	-33.64	Peak

Remarks:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

8 Test Setup Photo

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

9 EUT Constructional Details

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

---End---