

TEST REPORT

Applicant: Guangzhou JXC Import And Export Co.,LTD

Address of Applicant: Rm 806 Jinhui Building ,No123, Jiefang South Road, Yuexiu District, Guangzhou 510030, China

Manufacturer/Factory: Shenzhen JXC Model Technology Co.,LTD

Address of Manufacturer/Factory: WORLD A2709C, 1# Xinghe, Yabao Street, Nankeng Community, Bantian, Longgang District, Shenzhen, Guangdong Province, China

Equipment Under Test (EUT)

Product Name: Remote control toy car

Model No.: SP4301, SP4301-YL, SP4301-WT, SP4301-RD, SP4301-PK, PO4302-Y, PO4302-W, PO4302-B, PO4302-R, PO4302, AE4386

FCC ID: 2BXH8-SP4301

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.249

Date of sample receipt: July 31, 2026

Date of Test: July 31, 2026-August 11, 2026

Date of report issued: August 11, 2026

Test Result : PASS *

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

Authorized Signature:

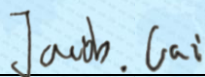


Laboratory Manager

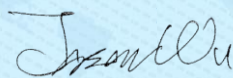
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2 Version

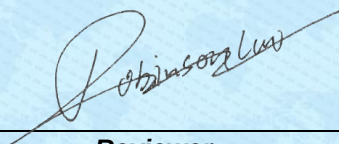
Version No.	Date	Description
00	August 11, 2026	Original

Tested By:**Date:**

August 11, 2026

Test Engineer**Prepared By:****Date:**

August 11, 2026

Project Engineer**Check By:****Date:**

August 11, 2026

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 C63.10:2020.
2. Pass: The EUT complies with the essential requirements in the standard.
3. N/A: not applicable

4.1 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF conducted power	$\pm 0.75\text{dB}$
5	RF power density	$\pm 3\text{dB}$
6	Conducted Spurious emissions	$\pm 2.58\text{dB}$
7	AC Power Line Conducted Emission	$\pm 3.44\text{dB}$ (0.15MHz ~ 30MHz)
8	Radiated Spurious emission test	$\pm 3.1\text{dB}$ (9kHz-30MHz)
		$\pm 3.8039\text{dB}$ (30MHz-200MHz)
		$\pm 3.9679\text{dB}$ (200MHz-1GHz)
		$\pm 4.29\text{dB}$ (1GHz-18GHz)
		$\pm 3.30\text{dB}$ (18GHz-40GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Time	$\pm 3\%$

5 General Information

5.1 General Description of EUT

Product Name:	Remote control toy car
Model No.:	SP4301, SP4301-YL, SP4301-WT, SP4301-RD, SP4301-PK, PO4302-Y, PO4302-W, PO4302-B, PO4302-R, PO4302, AE4386
Test Model No.:	SP4301
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.	
Serial No.:	SP430120260820
Test Sample(S) ID:	GTS2026070710-1
Sample(S) Status	Engineered sample
Operation Frequency:	2405MHz~2475MHz
Channel Numbers:	71
Channel Separation:	1MHz
Modulation Technology:	GFSK
Antenna Specification:	Integral Antenna
Antenna Gain:	0.17dBi(declare by applicant)
Power Supply:	DC 3V(2*1.5V Size“AA” Battery)

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Operation Frequency each of channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405	19	2423	37	2441	56	2460
2	2406	20	2424	38	2442	57	2461
3	2407	21	2425	39	2443	58	2462
4	2408	22	2426	40	2444	59	2463
5	2409	23	2427	41	2445	60	2464
6	2410	24	2428	42	2446	61	2465
7	2411	25	2429	43	2447	62	2466
8	2412	26	2430	44	2448	63	2467
9	2413	27	2431	45	2449	64	2468
10	2414	28	2432	46	2450	65	2469
11	2415	29	2433	47	2451	66	2470
12	2416	30	2434	48	2452	67	2471
13	2417	31	2435	49	2453	68	2472
14	2418	32	2436	50	2454	69	2473
15	2419	33	2437	51	2455	70	2474
16	2420	34	2438	52	2456	71	2475
17	2421	35	2439	53	2457		
18	2422	36	2440	54	2458		

The test frequencies are below:

Channel	Frequency(MHz)
The lowest channel	2405
The middle channel	2440
The Highest channel	2475

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
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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 (Only show the worst case:Y axis) and defined as follows:

Axis	X	Y	Z
Field Strength(dBuV/m)	81.69	82.58	80.37

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.

- **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).

5.7 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	Special test command 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	Apr. 10, 2026	Apr. 09, 2031
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. 10, 2026	Apr. 09, 2027
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 11, 2026	Apr. 10, 2027
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2026	Apr. 10, 2027
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul 17, 2026	Jul 16, 2027
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.22, 2025	Nov.21, 2026
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 10, 2026	Apr. 09, 2027
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 10, 2026	Apr. 09, 2027
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2026	Apr. 10, 2027
11	Spectrum analyzer (9kHz-40GHz)	Rohde & Schwarz	FSV40-N	GTS666	Mar. 10, 2026	Mar. 09, 2027
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 10, 2026	Apr. 09, 2027
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 24, 2025	Nov. 23, 2026
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 10, 2026	Apr. 09, 2027
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 13, 2026	Apr. 12, 2027
16	RE cable 1	GTS	N/A	GTS675	Jul. 17, 2026	Jul. 16, 2027
17	RE cable 2	GTS	N/A	GTS676	Jul. 17, 2026	Jul. 16, 2027
18	RE cable 3	GTS	N/A	GTS677	Jul. 17, 2026	Jul. 16, 2027
19	RE cable 4	GTS	N/A	GTS678	Jul. 17, 2026	Jul. 16, 2027
20	RE cable 5	GTS	N/A	GTS679	Jul. 17, 2026	Jul. 16, 2027
21	RE cable 6	GTS	N/A	GTS680	Jul. 17, 2026	Jul. 16, 2027
22	RE cable 7	GTS	N/A	GTS681	Jul. 22, 2026	Jul. 21, 2027
23	RE cable 8	GTS	N/A	GTS682	Jul. 22, 2026	Jul. 21, 2027
24	CE cable 9	GTS	N/A	GTS683	Jul. 23, 2026	Jul. 22, 2027
25	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

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	Apr. 10, 2026	Apr. 09, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Jun. 03, 2026	Jun. 02, 2027
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 10, 2026	Apr. 09, 2027
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 10, 2026	Apr. 09, 2027
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 10, 2026	Apr. 09, 2027
6	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 10, 2026	Apr. 09, 2027
7	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 10, 2026	Apr. 09, 2027
8	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 10, 2026	Apr. 09, 2027
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 10, 2026	Apr. 09, 2027
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 14, 2026	Apr. 13, 2027
11	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 01, 2025	Oct. 31, 2026

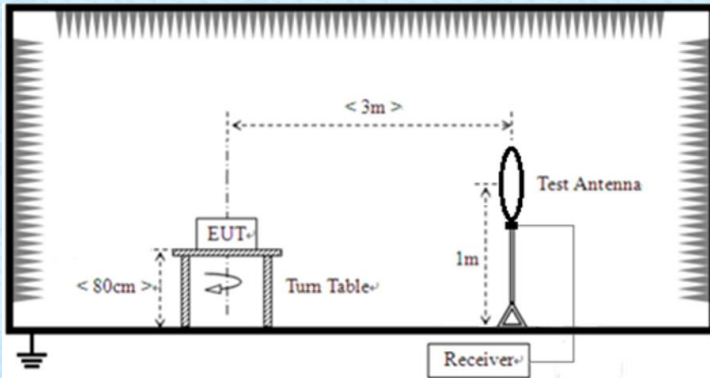
General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Jul. 21, 2026	Jul. 20, 2027

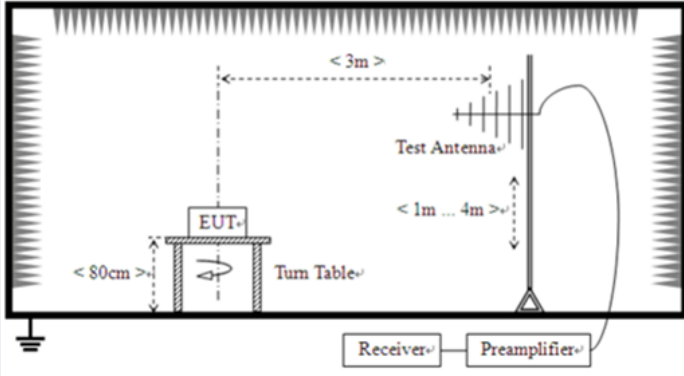
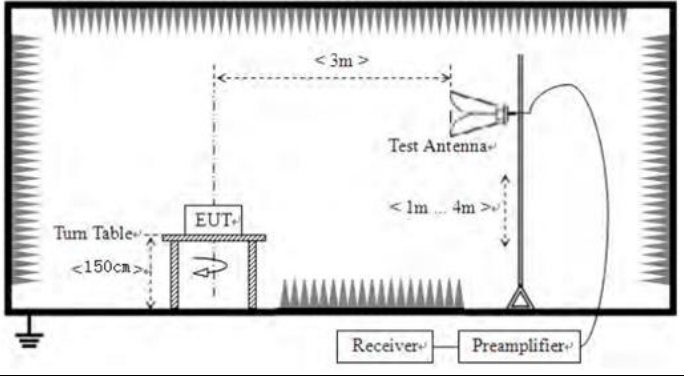
7 Test results and Measurement Data

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 integral antenna, reference to the appendix II for details.	

7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10:2020				
Test Frequency Range:	9kHz to 25GHz				
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
	2400MHz-2483.5MHz		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				

	 For radiated emissions above 1GHz 
Test Procedure:	

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)	Preamplifier Factor (dB)	Final Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	85.60	26.99	4.11	38.88	77.82	114.00	-36.18	Vertical
2405.00	90.82	26.53	4.11	38.88	82.58	114.00	-31.42	Horizontal
2440.00	83.66	27.31	4.12	38.89	76.20	114.00	-37.80	Vertical
2440.00	88.65	27.21	4.12	38.89	81.09	114.00	-32.91	Horizontal
2475.00	81.09	28.01	4.13	38.90	74.33	114.00	-39.67	Vertical
2475.00	88.33	26.94	4.13	38.90	80.50	114.00	-33.50	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Final Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	66.56	26.99	4.11	38.88	58.78	94.00	-35.22	Vertical
2405.00	72.05	26.53	4.11	38.88	63.81	94.00	-30.19	Horizontal
2440.00	63.83	27.31	4.12	38.89	56.37	94.00	-37.63	Vertical
2440.00	67.72	27.21	4.12	38.89	60.16	94.00	-33.84	Horizontal
2475.00	59.23	28.01	4.13	38.90	52.47	94.00	-41.53	Vertical
2475.00	66.48	26.94	4.13	38.90	58.65	94.00	-35.35	Horizontal

Note:

1. For fundamental frequency , RBW>20dB BW, VBW>=RBW, PK detector for PK value, RMS detector for AV value
2. Final Level(dBuV/m)=Reading level(dBuV)+Antenna Factor(dB/m)+Cable Loss(dB)–Preamplifier Factor(dB)

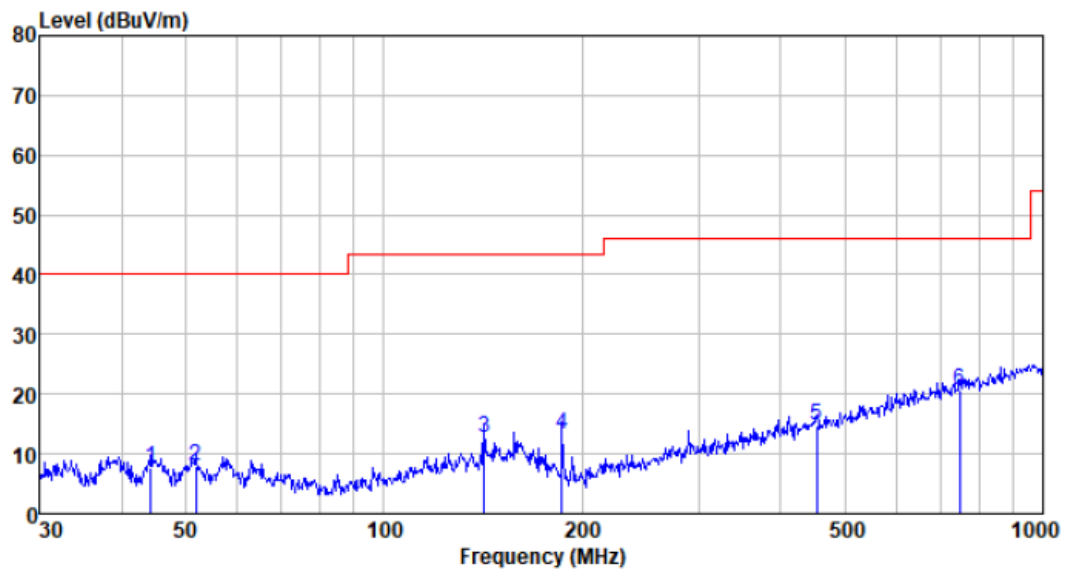
7.2.2 Spurious emissions

■ 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

Pre-scan all test modes, found worst case at 2405MHz, and so only show the test result of it
Horizontal

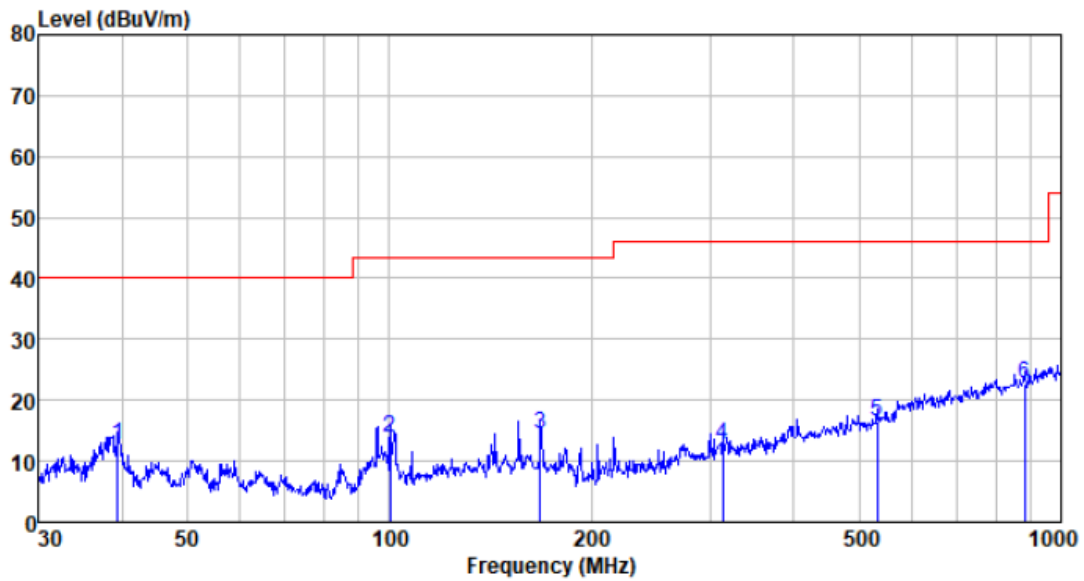


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
44.275	26.31	13.34	1.38	33.40	7.63	40.00	-32.37	QP
51.843	26.80	13.02	1.50	33.39	7.93	40.00	-32.07	QP
141.826	30.33	13.27	2.33	33.20	12.73	43.50	-30.77	QP
186.441	33.25	10.66	2.56	33.12	13.35	43.50	-30.15	QP
454.310	26.42	16.53	4.43	32.74	14.64	46.00	-31.36	QP
747.483	25.60	21.15	5.89	32.10	20.54	46.00	-25.46	QP

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Vertical



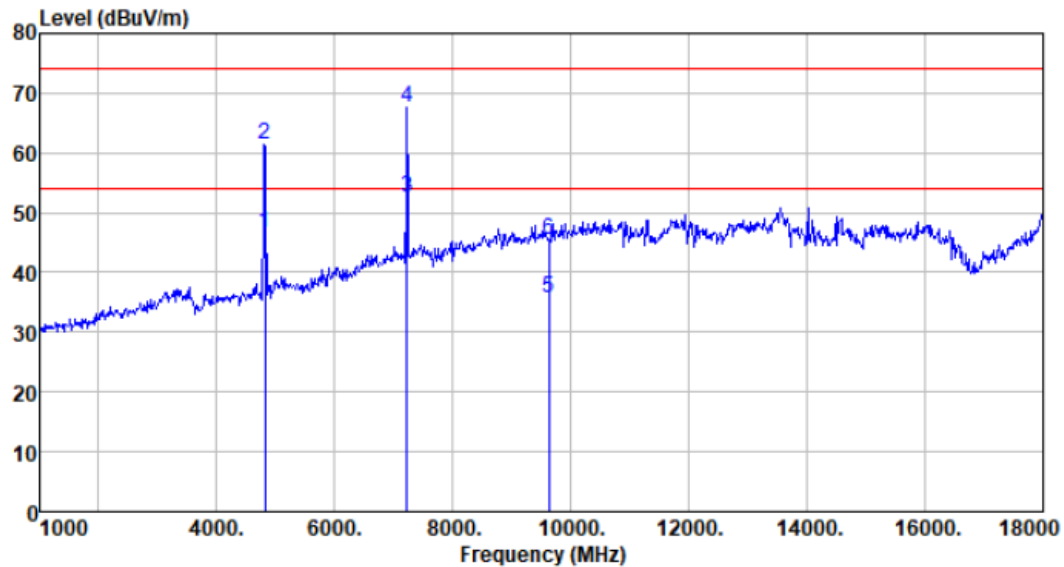
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
39.437	31.21	13.63	1.30	33.40	12.74	40.00	-27.26	QP
100.229	35.41	9.75	2.04	33.30	13.90	43.50	-29.60	QP
167.824	32.33	12.92	2.47	33.15	14.57	43.50	-28.93	QP
313.276	28.45	13.43	3.64	32.88	12.64	46.00	-33.36	QP
531.964	26.41	17.90	4.85	32.61	16.55	46.00	-29.45	QP
881.407	25.66	22.30	6.29	31.48	22.77	46.00	-23.23	QP

Remarks:

$$\text{Final level (dBuV/m)} = \text{Reading level (dBuV)} + \text{Antenna factor (dB/m)} + \text{Cable loss (dB)} - \text{Preamp Factor (dB)}$$

■ Above 1GHz

Test channel:	Lowest	Polarization:	Horizontal
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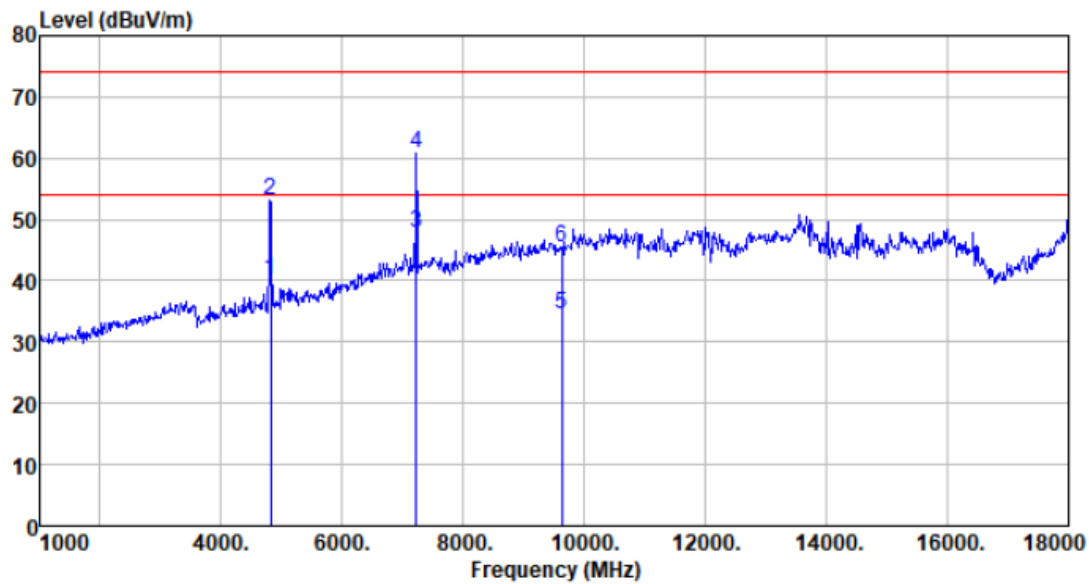


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4810.000	46.87	32.26	5.56	38.01	46.68	54.00	-7.32	Average
4810.000	61.69	32.26	5.56	38.01	61.50	74.00	-12.50	Peak
7215.000	46.86	36.43	7.17	37.97	52.49	54.00	-1.51	Average
7215.000	61.92	36.43	7.17	37.97	67.55	74.00	-6.45	Peak
9620.000	27.52	38.20	9.07	39.19	35.60	54.00	-18.40	Average
9620.000	37.47	38.20	9.07	39.19	45.55	74.00	-28.45	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Test channel:	Lowest	Polarization:	Vertical
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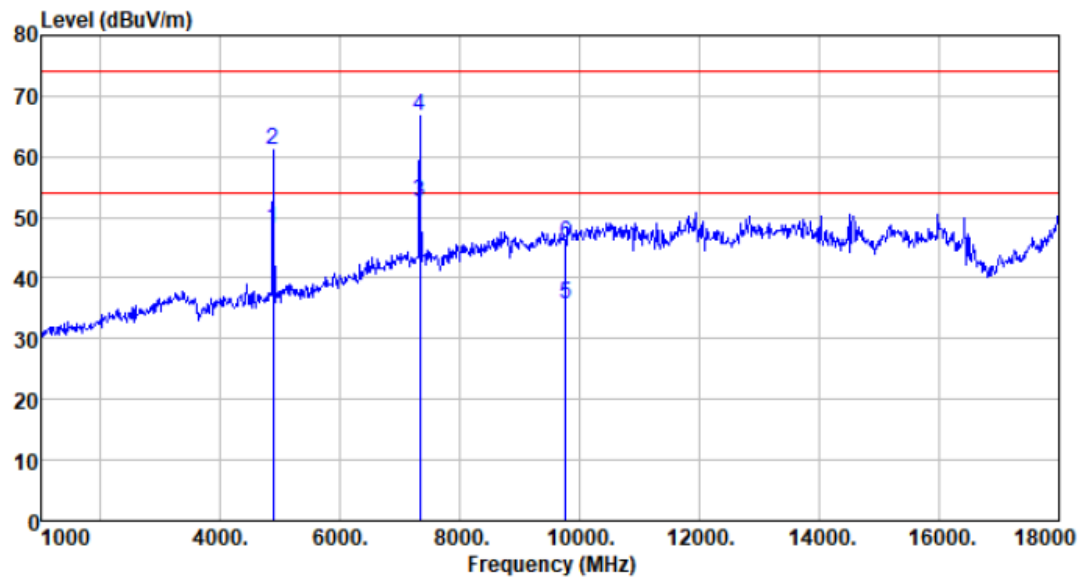


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4810.000	40.21	32.26	5.56	38.01	40.02	54.00	-13.98	Average
4810.000	53.34	32.26	5.56	38.01	53.15	74.00	-20.85	Peak
7215.000	42.26	36.43	7.17	37.97	47.89	54.00	-6.11	Average
7215.000	55.15	36.43	7.17	37.97	60.78	74.00	-13.22	Peak
9620.000	26.47	38.20	9.07	39.19	34.55	54.00	-19.45	Average
9620.000	37.44	38.20	9.07	39.19	45.52	74.00	-28.48	Peak

Remarks:

$$\text{Final level(dBuV/m)} = \text{Reading level(dBuV)} + \text{Antenna factor(dB/m)} + \text{Cable loss(dB)} - \text{Preamp Factor(dB)}$$

Test channel:	Middle	Polarization:	Horizontal
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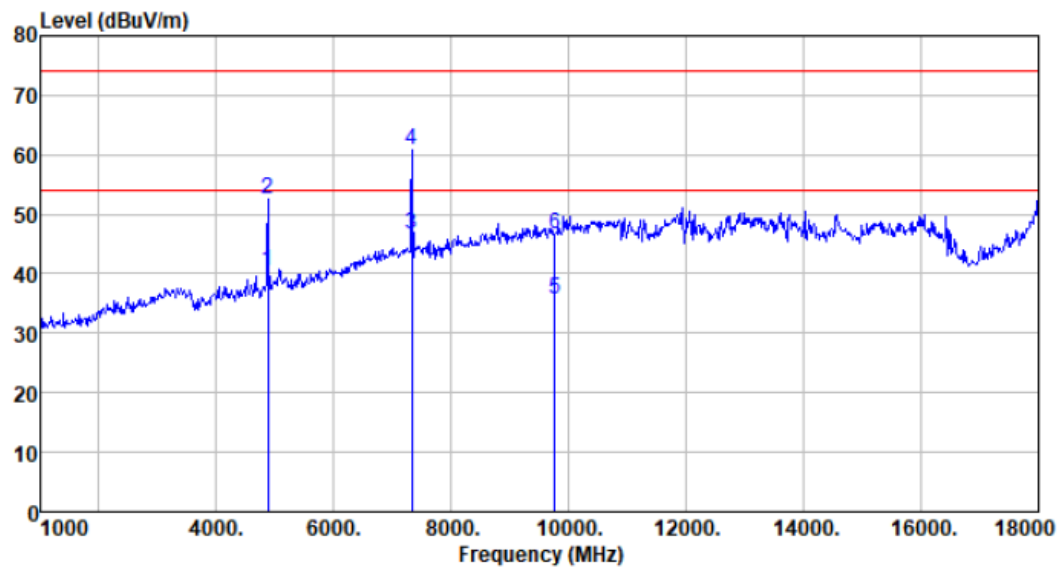


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4880.000	47.81	32.56	5.66	37.97	48.06	54.00	-5.94	Average
4880.000	60.99	32.56	5.66	37.97	61.24	74.00	-12.76	Peak
7320.000	46.79	36.64	7.26	38.06	52.63	54.00	-1.37	Average
7320.000	60.91	36.64	7.26	38.06	66.75	74.00	-7.25	Peak
9760.000	27.55	38.30	9.17	39.23	35.79	54.00	-18.21	Average
9760.000	37.62	38.30	9.17	39.23	45.86	74.00	-28.14	Peak

Remarks:

$$\text{Final level (dBuV/m)} = \text{Reading level (dBuV)} + \text{Antenna factor (dB/m)} + \text{Cable loss (dB)} - \text{Preamp Factor (dB)}$$

Test channel:	Middle	Polarization:	Vertical
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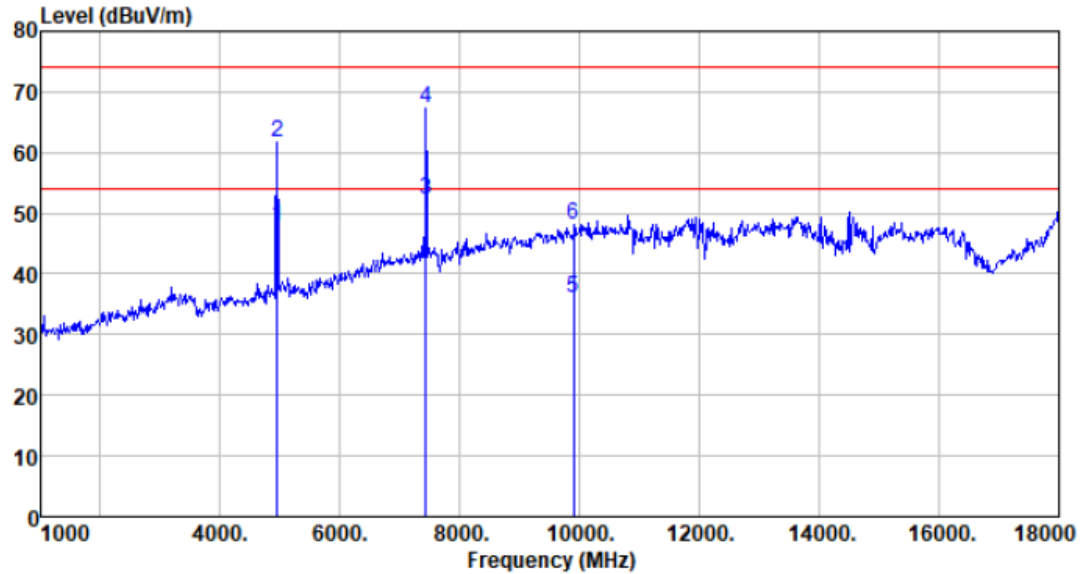


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4880.000	40.21	32.56	5.66	37.97	40.46	54.00	-13.54	Average
4880.000	52.18	32.56	5.66	37.97	52.43	74.00	-21.57	Peak
7320.000	40.83	36.64	7.26	38.06	46.67	54.00	-7.33	Average
7320.000	54.97	36.64	7.26	38.06	60.81	74.00	-13.19	Peak
9760.000	27.61	38.30	9.17	39.23	35.85	54.00	-18.15	Average
9760.000	38.47	38.30	9.17	39.23	46.71	74.00	-27.29	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Test channel:	Highest	Polarization:	Horizontal
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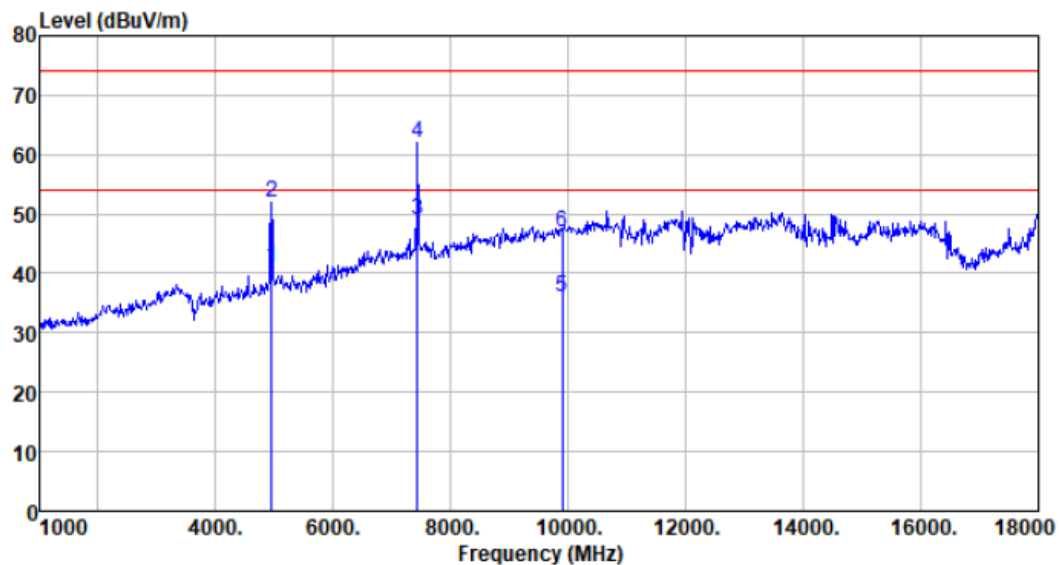


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4950.000	47.22	32.70	5.76	37.93	47.75	54.00	-6.25	Average
4950.000	61.09	32.70	5.76	37.93	61.62	74.00	-12.38	Peak
7425.000	46.53	36.65	7.33	38.14	52.37	54.00	-1.63	Average
7425.000	61.49	36.65	7.33	38.14	67.33	74.00	-6.67	Peak
9900.000	27.64	38.40	9.24	39.27	36.01	54.00	-17.99	Average
9900.000	39.83	38.40	9.24	39.27	48.20	74.00	-25.80	Peak

Remarks:

Final level (dBuV/m) = Reading level (dBuV) + Antenna factor (dB/m) + Cable loss (dB) - Preamp Factor (dB)

Test channel:	Highest	Polarization:	Vertical
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4950.000	40.44	32.70	5.76	37.93	40.97	54.00	-13.03	Average
4950.000	51.40	32.70	5.76	37.93	51.93	74.00	-22.07	Peak
7425.000	43.04	36.65	7.33	38.14	48.88	54.00	-5.12	Average
7425.000	56.26	36.65	7.33	38.14	62.10	74.00	-11.90	Peak
9900.000	27.54	38.40	9.24	39.27	35.91	54.00	-18.09	Average
9900.000	38.46	38.40	9.24	39.27	46.83	74.00	-27.17	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

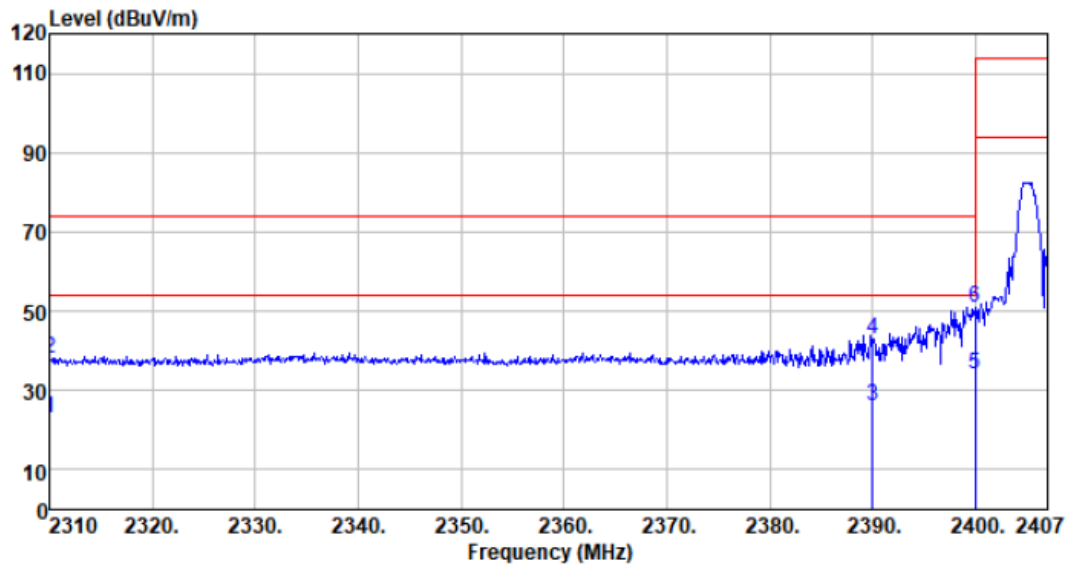
Note:

1. The emission levels of other frequencies are very lower than the limit and not show in test report.
2. For above 18GHz, no emission found.
3. If the average limit is met when using a Peak detector, the EUT shall be deemed to meet both peak and average limits. And measurement with the average detector is unnecessary.

7.2.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

Test channel:	Lowest	Polarization:	Horizontal
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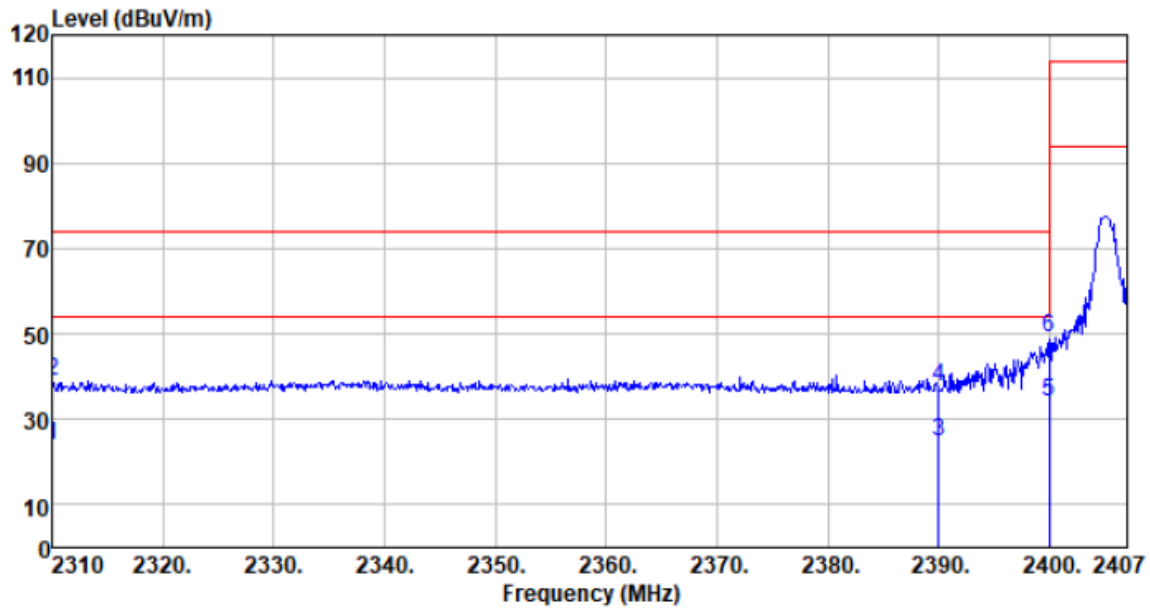


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	31.17	26.66	4.09	38.86	23.06	54.00	-30.94	Average
2310.000	46.06	26.66	4.09	38.86	37.95	74.00	-36.05	Peak
2390.000	34.22	26.62	4.11	38.88	26.07	54.00	-27.93	Average
2390.000	51.01	26.62	4.11	38.88	42.86	74.00	-31.14	Peak
2400.000	42.63	26.43	4.11	38.88	34.29	54.00	-19.71	Average
2400.000	59.42	26.43	4.11	38.88	51.08	74.00	-22.92	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Test channel:	Lowest	Polarization:	Vertical
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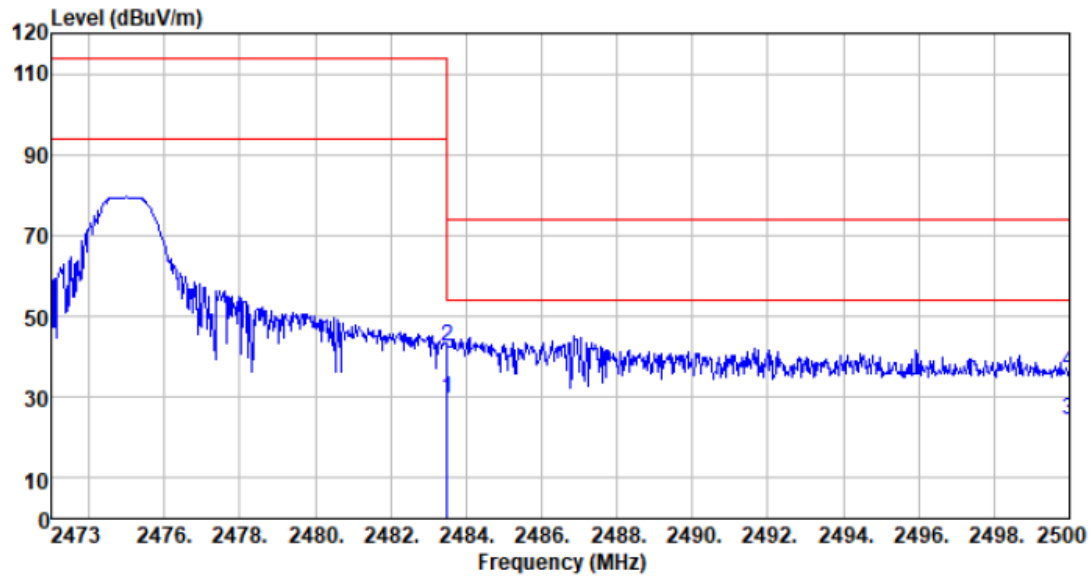


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	30.74	28.05	4.09	38.86	24.02	54.00	-29.98	Average
2310.000	45.80	28.05	4.09	38.86	39.08	74.00	-34.92	Peak
2390.000	32.33	27.03	4.11	38.88	24.59	54.00	-29.41	Average
2390.000	45.54	27.03	4.11	38.88	37.80	74.00	-36.20	Peak
2400.000	42.05	26.94	4.11	38.88	34.22	54.00	-19.78	Average
2400.000	57.17	26.94	4.11	38.88	49.34	74.00	-24.66	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Test channel:	Highest	Polarization:	Horizontal
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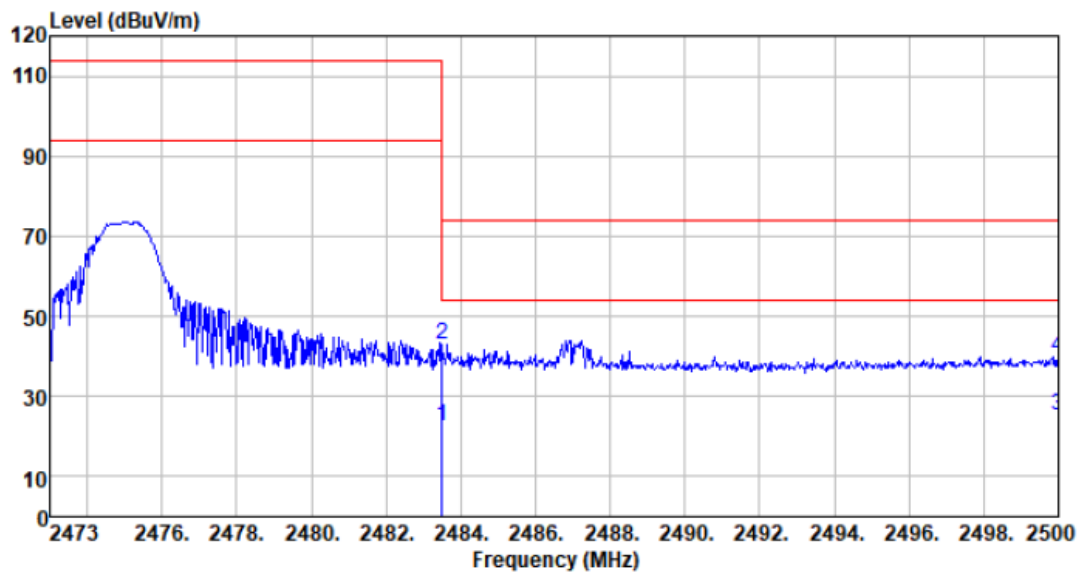


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2483.500	37.59	26.78	4.13	38.90	29.60	54.00	-24.40	Average
2483.500	50.69	26.78	4.13	38.90	42.70	74.00	-31.30	Peak
2500.000	32.58	26.48	4.14	38.90	24.30	54.00	-29.70	Average
2500.000	44.76	26.48	4.14	38.90	36.48	74.00	-37.52	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Test channel:	Highest	Polarization:	Vertical
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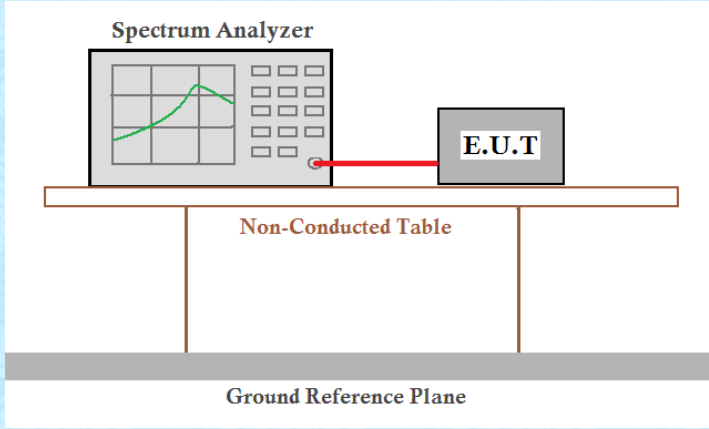


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2483.500	29.35	28.22	4.13	38.90	22.80	54.00	-31.20	Average
2483.500	49.58	28.22	4.13	38.90	43.03	74.00	-30.97	Peak
2500.000	31.27	28.63	4.14	38.90	25.14	54.00	-28.86	Average
2500.000	46.13	28.63	4.14	38.90	40.00	74.00	-34.00	Peak

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

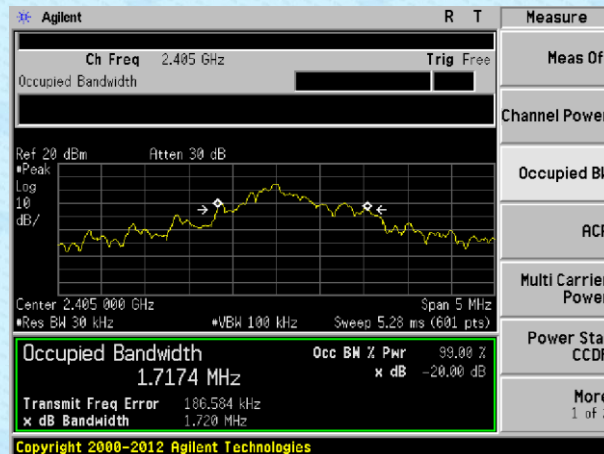
7.3 20dB Occupy Bandwidth

Test Requirement:	FCC Part15 C Section 15.249/15.215
Test Method:	ANSI C63.10:2020
Limit:	Operation Frequency range 2400MHz~2483.5MHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

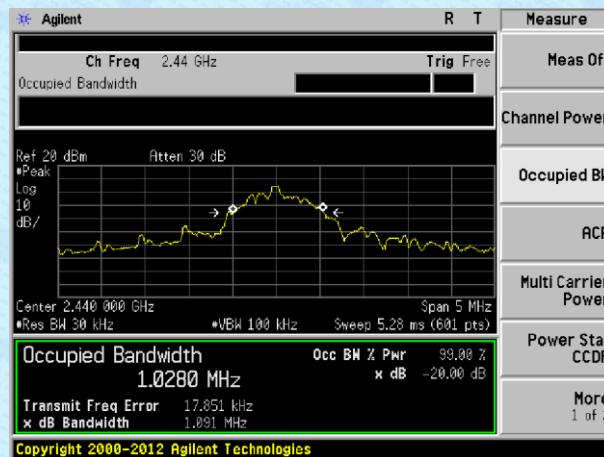
Measurement Data

Test channel	20dB bandwidth(MHz)	Result
Lowest	1.720	Pass
Middle	1.091	Pass
Highest	1.024	Pass

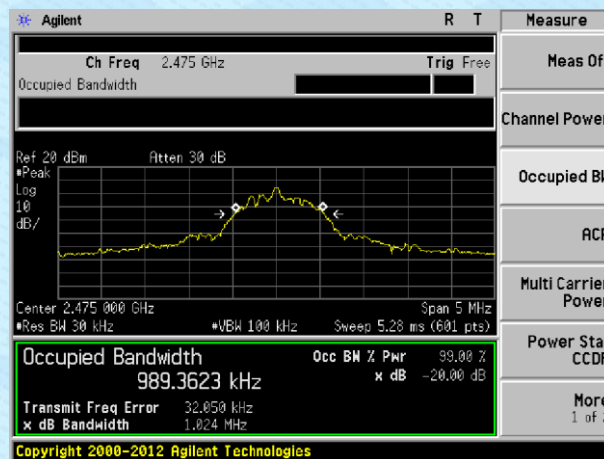
Test plot as follows:



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-----