

TEST REPORT

Applicant: Synapse Wireless, Inc.

Address of Applicant: 351 SW Electronics Blvd, Suite D Huntsville AL 35824 United States

Manufacturer/Factory: Synapse Wireless, Inc.

Address of Manufacturer/Factory: 351 SW Electronics Blvd, Suite D Huntsville AL 35824 United States

Equipment Under Test (EUT)

Product Name: Sensor Controller

Model No.: SNV-CS-10-WZ10, SNV-CS-XX-YZZZ,"X" can be number. "Y" can be color. "ZZZ" can be any word or any number

FCC ID: U9O-SNVCS10

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

Date of sample receipt: June 22, 2026

Date of Test: June 22, 2026-July 03, 2026

Date of report issued: July 03, 2026

Test Result : PASS *

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



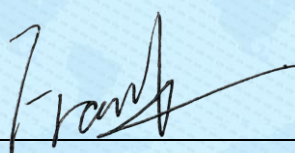
Laboratory Manager

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2 Version

Report No.	Version No.	Date	Description
GTS2025100279F01	00	November 03, 2025	Original
GTSL2026060549F01	01	July 03, 2026	Class II permissive change

Tested By:

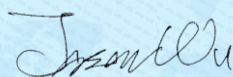


Date:

July 03, 2026

Test Engineer

Prepared By:

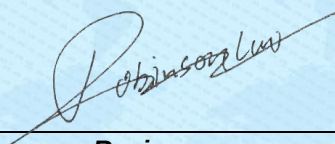


Date:

July 03, 2026

Project Engineer

Check By:



Date:

July 03, 2026

Reviewer

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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Output Power	15.247 (b)(3)	Pass *
Channel Bandwidth	15.247 (a)(2)	Pass *
Power Spectral Density	15.247 (e)	Pass *
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Pass*: 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 oniginal report number GTS2025100279F01.
3. Test according to ANSI C63.10:2020

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:	Sensor Controller
Model No.:	SNV-CS-10-BZ10, SNV-CS-10-WZ10, SNV-CS-XX-YZZZ,"X" can be number. "Y" can be color. "ZZZ" can be any word or any number
Test Model No.:	SNV-CS-10-WZ10
Remark: All the above models have exactly the same PCB layout, internal structure and electrical circuits. The difference is appearance color.	
Test sample(s) ID:	GTSL2026060549-1
Sample(s) Status:	Engineer sample
S/N:	N/A
Operation Frequency:	2405MHz~2480MHz
Channel Numbers:	16
Channel Separation:	5MHz
Modulation Type:	O-QPSK
Antenna Type:	PCB Antenna
Antenna Gain:	1.23dBi
Power Supply:	DC 12~24V

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	Channel	Frequency	Channel	Frequency	Channel	Frequency
11	2405MHz	15	2425MHz	19	2445MHz	23	2465MHz
12	2410MHz	16	2430MHz	20	2450MHz	24	2470MHz
13	2415MHz	17	2435MHz	21	2455MHz	25	2475MHz
14	2420MHz	18	2440MHz	22	2460MHz	26	2480MHz

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2405MHz
The middle channel	2445MHz
The Highest channel	2480MHz

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
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5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
APPLE	Mobile Phone	IPHONE XR	DX3ZG240KXM7
GW	DC POWER SUPPLY	GPR-6030D	EF924756

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).
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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	MPKitSetupPackage-v5.3.1.81
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, 2027
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. 11, 2025	Jul 10, 2026
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	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-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. 11, 2025	Jul. 10, 2026
17	RE cable 2	GTS	N/A	GTS676	Jul. 11, 2025	Jul. 10, 2026
18	RE cable 3	GTS	N/A	GTS677	Jul. 11, 2025	Jul. 10, 2026
19	RE cable 4	GTS	N/A	GTS678	Jul. 11, 2025	Jul. 10, 2026
20	RE cable 5	GTS	N/A	GTS679	Jul. 11, 2025	Jul. 10, 2026
21	RE cable 6	GTS	N/A	GTS680	Jul. 11, 2025	Jul. 10, 2026
22	RE cable 7	GTS	N/A	GTS681	Jul. 11, 2025	Jul. 10, 2026
23	RE cable 8	GTS	N/A	GTS682	Jul. 11, 2025	Jul. 10, 2026
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	Jun. 03, 2026	Jun. 02, 2027
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 10, 2026	Apr. 09, 2027
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 14, 2026	Apr. 13, 2027
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 11, 2026	Apr. 10, 2027
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 10, 2026	Apr. 09, 2027
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 10, 2026	Apr. 09, 2027
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 10, 2026	Apr. 09, 2027
10	EMI Test Software	AUDIX	E3-6.100622	GTS726	N/A	N/A
11	Current probe	CYBERTEK	EM5011	GTS698	Jan. 27, 2026	Jan. 26, 2027

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. 16, 2025	Jul. 15, 2026

7 Test results and Measurement Data

7.1 Antenna requirement

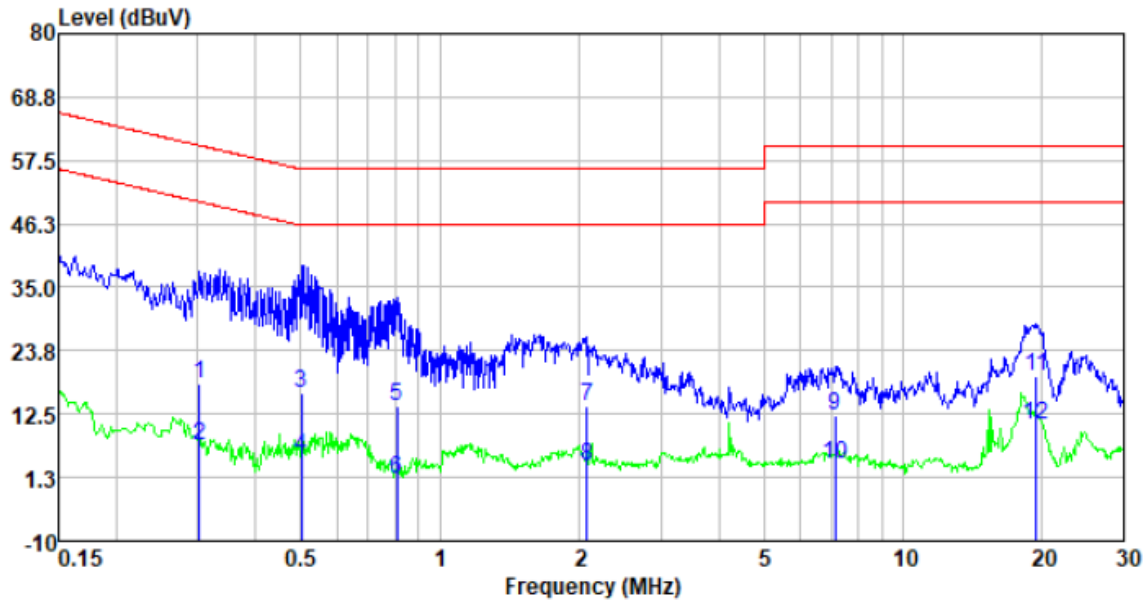
Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique 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.	
E.U.T Antenna:	
The antenna is Internal antenna, reference to the appendix II for details	

7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2020					
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:	Reference Plane Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m					
Test procedure:	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. 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). 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.					
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

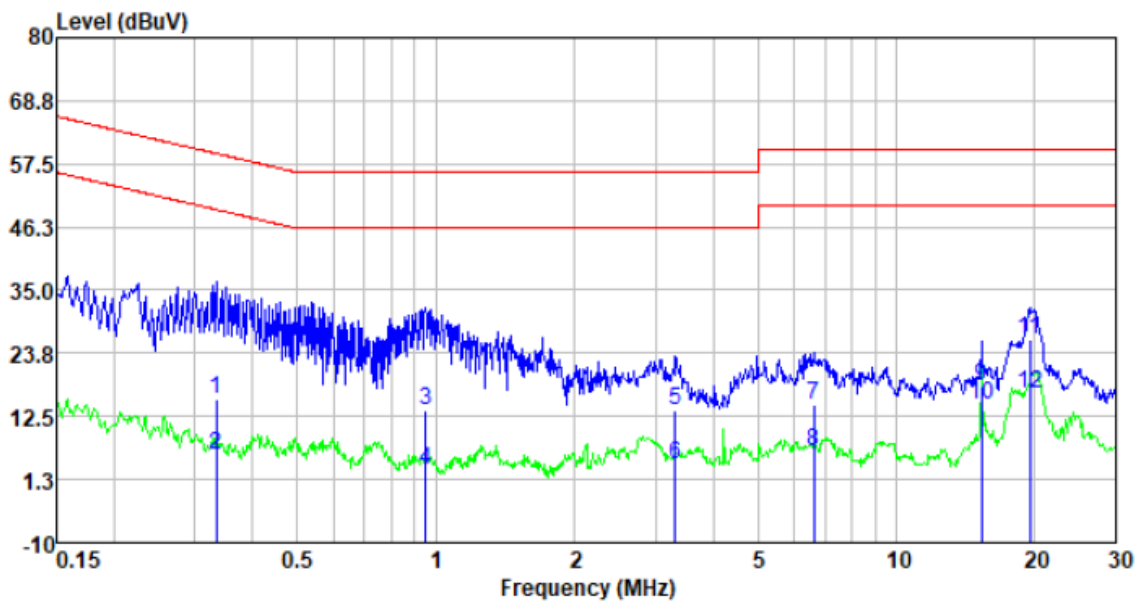
Pre-scan all test modes, found worst case at 2480MHz, and so only show the test result of 2480MHz,
Line:



Freq	Reading level	Correct Factor	Final level	Limit	Over limit	Remark
MHz	dBuV	dB	dBuV	level	dBuV	
0.30	-1.64	19.60	17.96	60.19	-42.23	QP
0.30	-12.71	19.60	6.89	50.19	-43.30	Average
0.50	-3.52	19.60	16.08	56.00	-39.92	QP
0.50	-14.56	19.60	5.04	46.00	-40.96	Average
0.81	-5.79	19.61	13.82	56.00	-42.18	QP
0.81	-18.79	19.61	0.82	46.00	-45.18	Average
2.08	-5.71	19.66	13.95	56.00	-42.05	QP
2.08	-16.44	19.66	3.22	46.00	-42.78	Average
7.14	-7.54	19.72	12.18	60.00	-47.82	QP
7.14	-16.16	19.72	3.56	50.00	-46.44	Average
19.43	-0.66	19.91	19.25	60.00	-40.75	QP
19.43	-9.24	19.91	10.67	50.00	-39.33	Average

Note: Correct Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
Final level (dBuV) = Reading level (dBuV) + Correct Factor (dB)

Neutral:



Freq	Reading level	Correct Factor	Final level	Limit level	Over limit	Remark
MHz	dBuV	dB	dBuV	level	dBuV	
0.33	-3.93	19.60	15.67	59.35	-43.68	QP
0.33	-14.02	19.60	5.58	49.35	-43.77	Average
0.95	-5.89	19.62	13.73	56.00	-42.27	QP
0.95	-16.75	19.62	2.87	46.00	-43.13	Average
3.31	-6.07	19.67	13.60	56.00	-42.40	QP
3.31	-15.69	19.67	3.98	46.00	-42.02	Average
6.63	-5.06	19.70	14.64	60.00	-45.36	QP
6.63	-13.54	19.70	6.16	50.00	-43.84	Average
15.31	-1.77	19.81	18.04	60.00	-41.96	QP
15.31	-5.25	19.81	14.56	50.00	-35.44	Average
19.53	6.21	19.93	26.14	60.00	-33.86	QP
19.53	-3.27	19.93	16.66	50.00	-33.34	Average

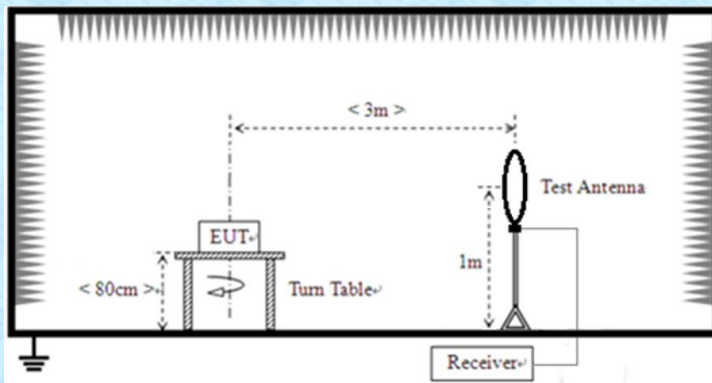
Note: Correct Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
 Final level (dBuV) = Reading level (dBuV) + Correct Factor (dB)

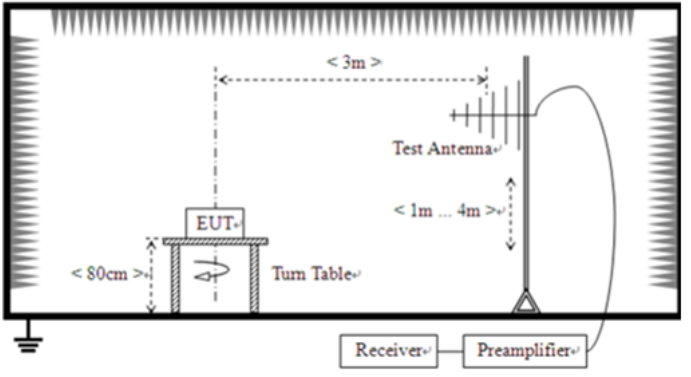
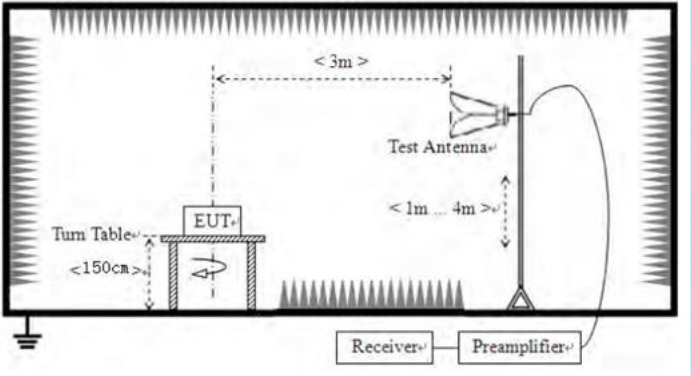
Notes:

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. 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				
Test Method:	ANSI C63.10:2020				
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
Note: For Duty cycle $\geq 98\%$, average detector set as above For Duty cycle $< 98\%$, average detector set as below: $VBW \geq 1 / T$					
Limit:	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(KHz)	QP/PK/AV	300m	
	0.490MHz-1.705MHz	24000/F(KHz)	QP	30m	
	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:	For radiated emissions from 9kHz to 30MHz				
					

	For radiated emissions from 30MHz to 1GHz  For radiated emissions above 1GHz 
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) 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 6.0 for details

Test mode:	Refer to section 5.2 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	DC 3.8V					
Test results:	Pass					

Measurement data:

Remark:

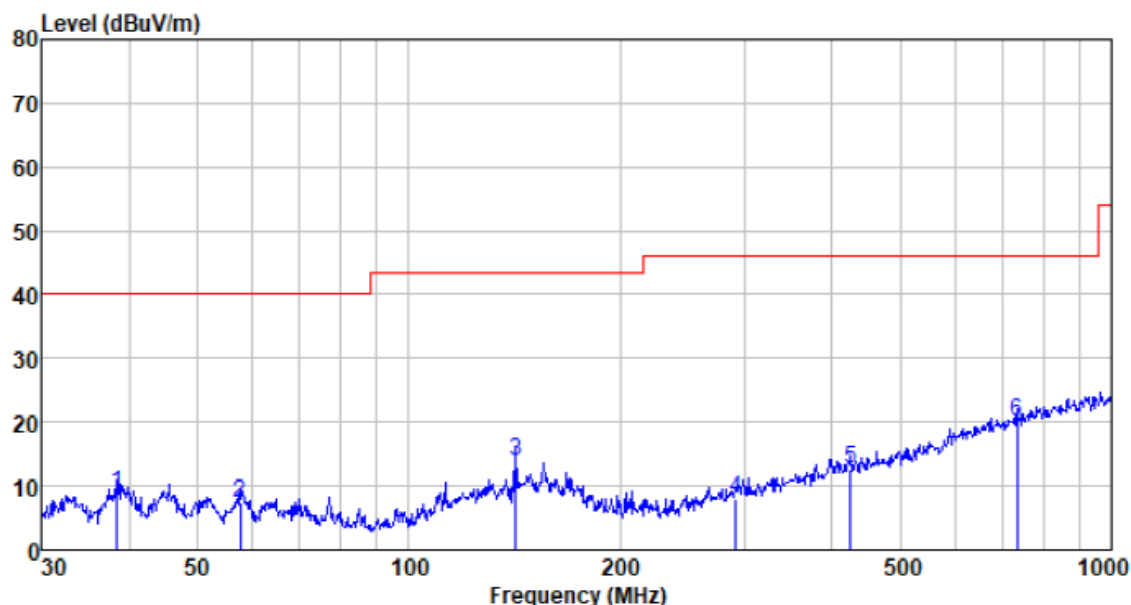
Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

■ 9kHz~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.

■ Below 1GHz

Pre-scan all test modes, found worst case at 2480MHz, and so only show the test result of 2480MHz,
Horizontal:

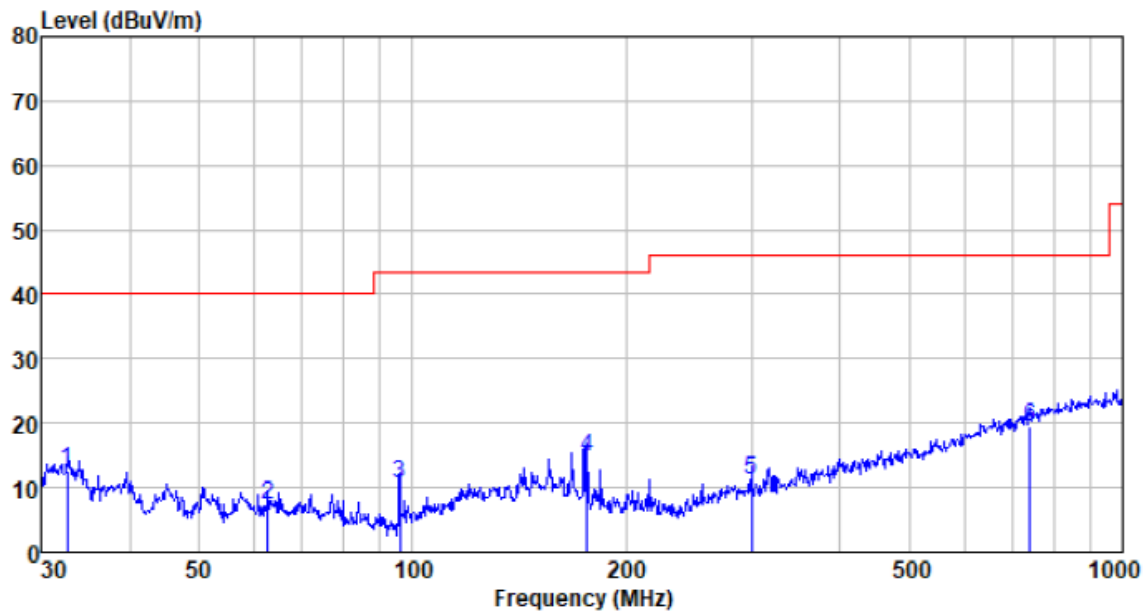


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
38.481	25.89	14.05	1.24	32.30	8.88	40.00	-31.12	QP
57.594	26.13	12.22	1.46	32.33	7.48	40.00	-32.52	QP
141.826	30.09	13.88	2.39	32.46	13.90	43.50	-29.60	QP
292.058	24.63	12.18	3.38	32.31	7.88	46.00	-38.12	QP
425.028	25.61	15.40	3.96	32.24	12.73	46.00	-33.27	QP
734.491	25.21	20.99	5.22	31.34	20.08	46.00	-25.92	QP

Remarks:

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

Vertical:



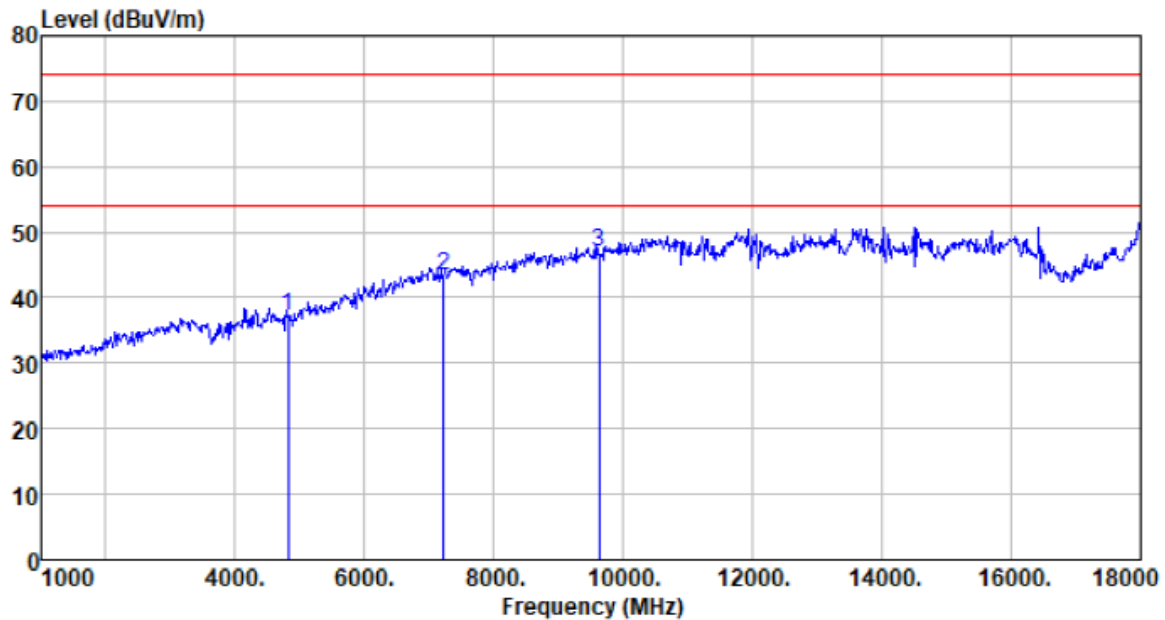
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
32.634	31.31	12.56	1.15	32.30	12.72	40.00	-27.28	QP
62.651	26.61	11.64	1.53	32.35	7.43	40.00	-32.57	QP
96.099	32.20	8.92	1.87	32.48	10.51	43.50	-32.99	QP
176.269	31.80	12.80	2.68	32.42	14.86	43.50	-28.64	QP
300.367	27.73	12.41	3.42	32.30	11.26	46.00	-34.74	QP
739.661	24.49	21.09	5.24	31.32	19.50	46.00	-26.50	QP

Remarks:

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

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

Test channel:	Lowest	Polarization:	Horizontal
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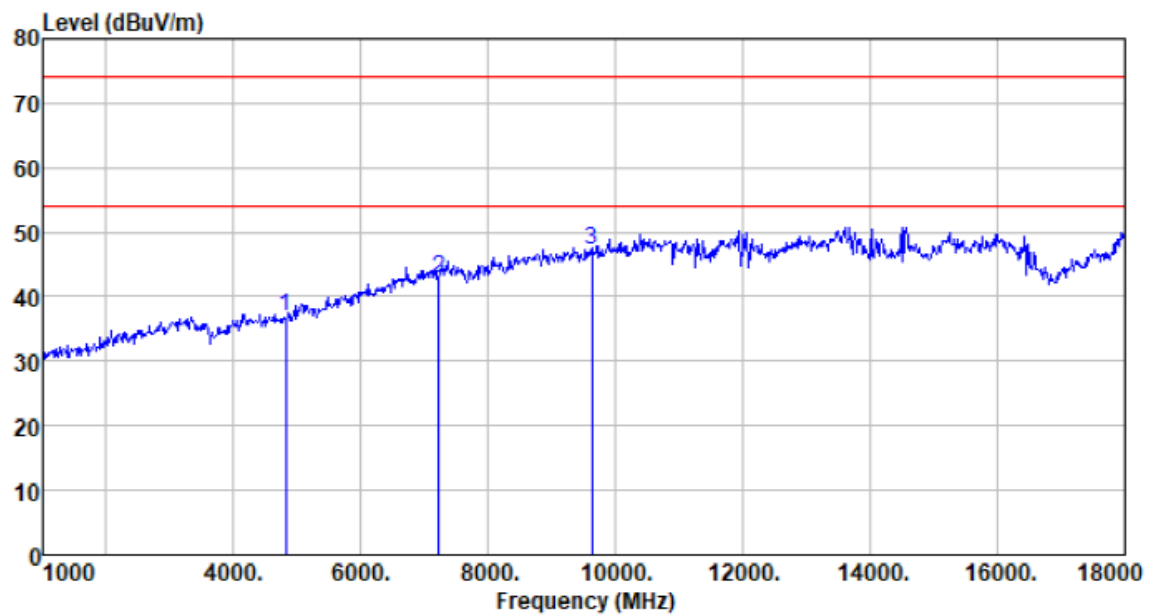


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4810.000	37.34	32.26	5.56	38.01	37.15	74.00	-36.85	Peak
7215.000	37.76	36.43	7.17	37.97	43.39	74.00	-30.61	Peak
9620.000	38.80	38.20	9.07	39.19	46.88	74.00	-27.12	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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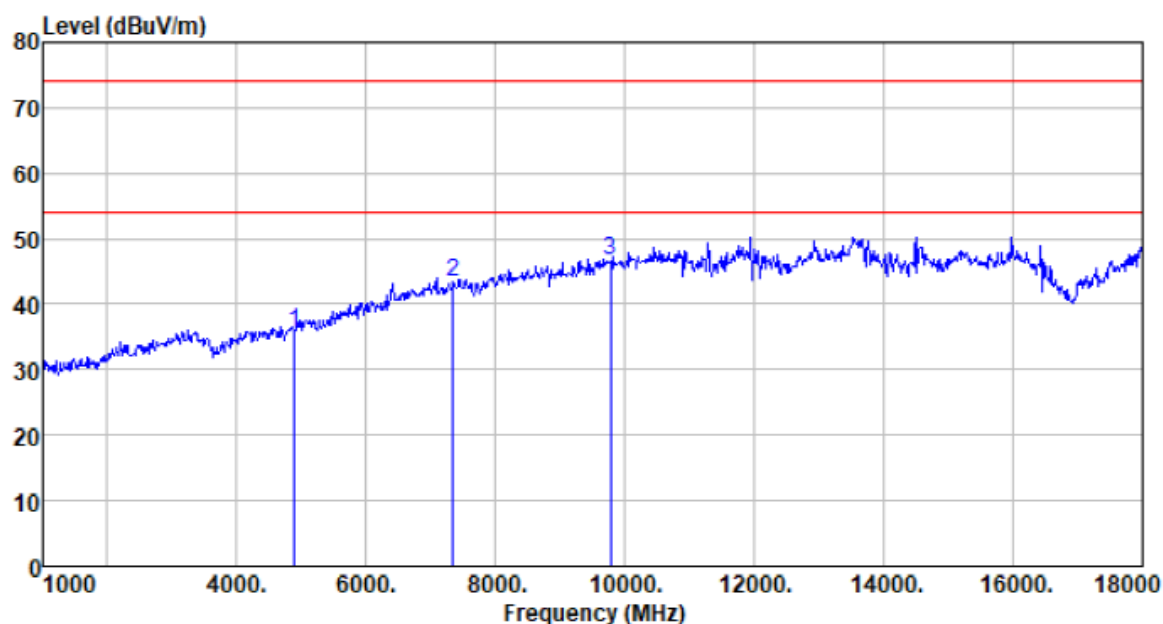


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4810.000	37.18	32.26	5.56	38.01	36.99	74.00	-37.01	Peak
7215.000	37.19	36.43	7.17	37.97	42.82	74.00	-31.18	Peak
9620.000	39.05	38.20	9.07	39.19	47.13	74.00	-26.87	Peak

Remarks:

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

Test channel:	Middle channel	Polarization:	Horizontal
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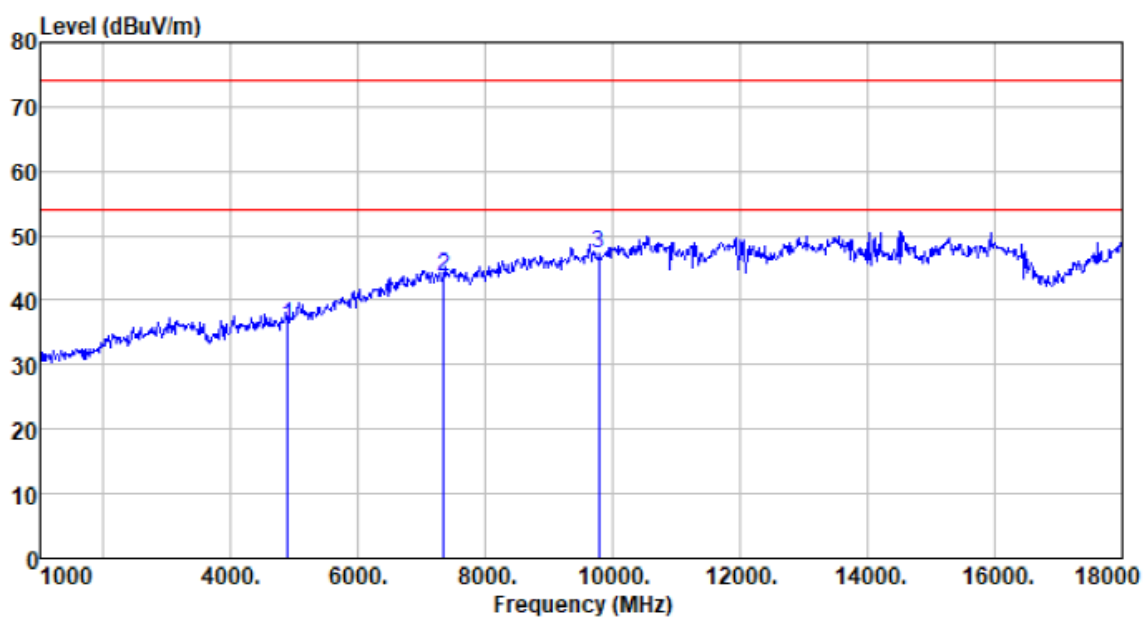


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4890.000	35.39	32.58	5.68	37.97	35.68	74.00	-38.32	Peak
7335.000	37.43	36.67	7.27	38.07	43.30	74.00	-30.70	Peak
9780.000	38.48	38.30	9.19	39.23	46.74	74.00	-27.26	Peak

Remarks:

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

Test channel:	Middle channel	Polarization:	Vertical
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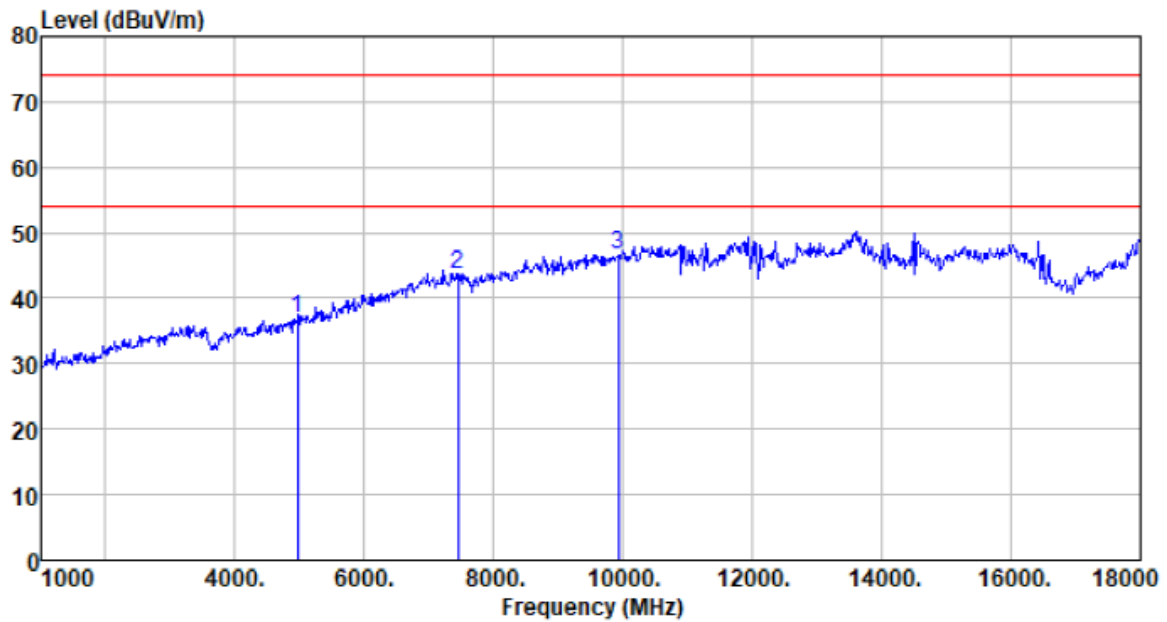


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4890.000	35.85	32.58	5.68	37.97	36.14	74.00	-37.86	Peak
7335.000	37.84	36.67	7.27	38.07	43.71	74.00	-30.29	Peak
9780.000	39.00	38.30	9.19	39.23	47.26	74.00	-26.74	Peak

Remarks:

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

Test channel:	Highest channel	Polarization:	Horizontal
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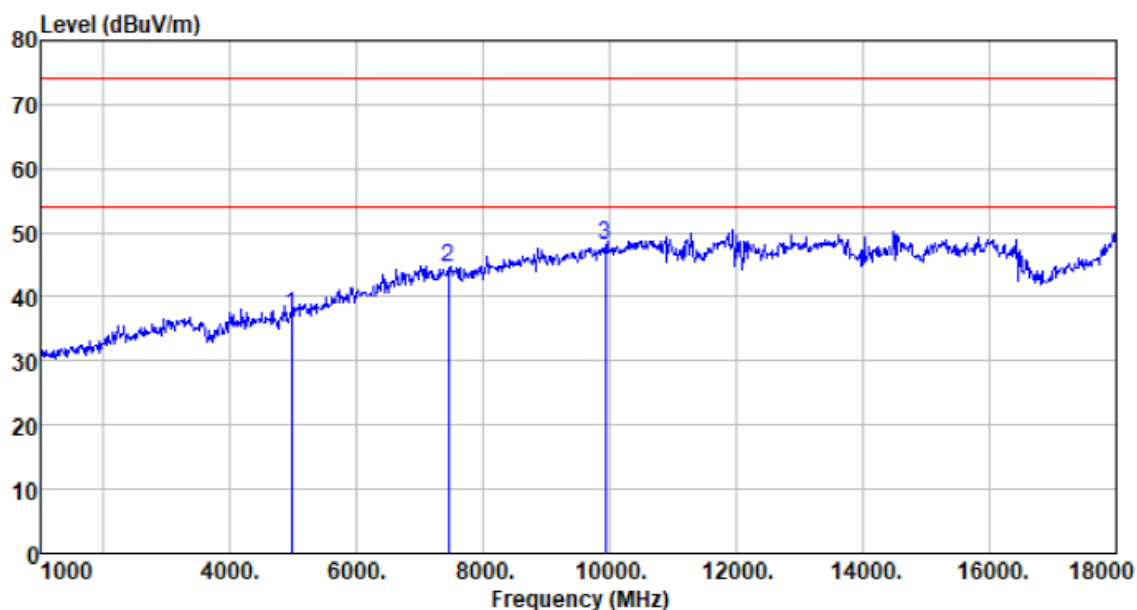


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
4960.000	36.17	32.74	5.77	37.92	36.76	74.00	-37.24	Peak
7440.000	37.84	36.68	7.33	38.15	43.70	74.00	-30.30	Peak
9920.000	38.22	38.40	9.24	39.28	46.58	74.00	-27.42	Peak

Remarks:

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

Test channel:	Highest channel	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
4960.000	36.57	32.74	5.77	37.92	37.16	74.00	-36.84	Peak
7440.000	38.61	36.68	7.33	38.15	44.47	74.00	-29.53	Peak
9920.000	39.61	38.40	9.24	39.28	47.97	74.00	-26.03	Peak

Remarks:

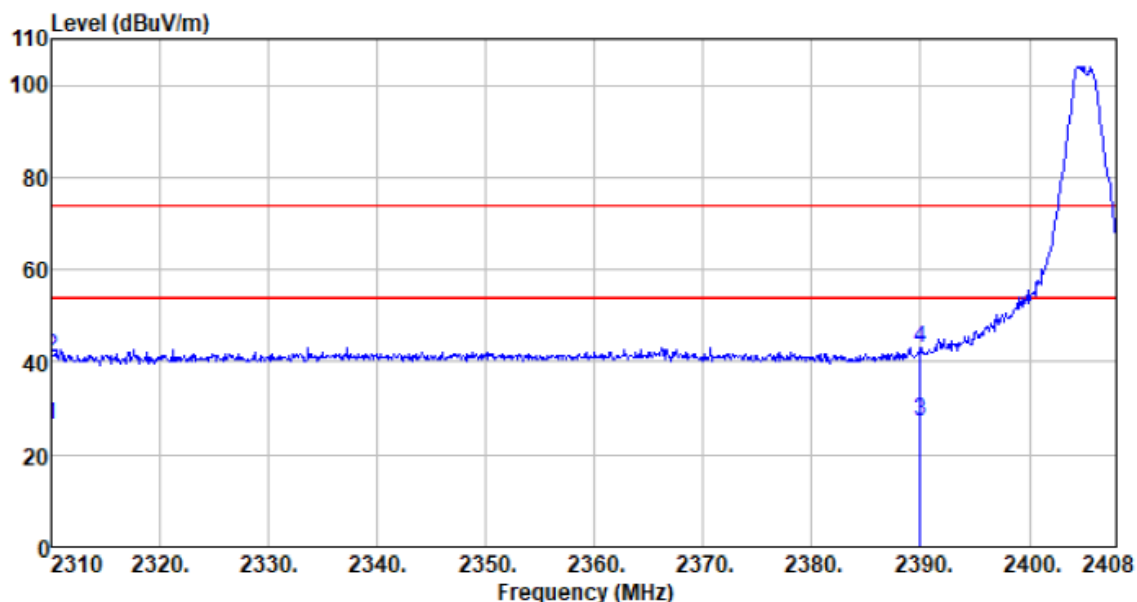
Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

Remarks:

1. The emission levels of other frequencies are very lower than the limit and not show in test report.

■ Unwanted Emissions in Restricted Frequency Bands

Test channel:	Lowest	polarization	Horizontal
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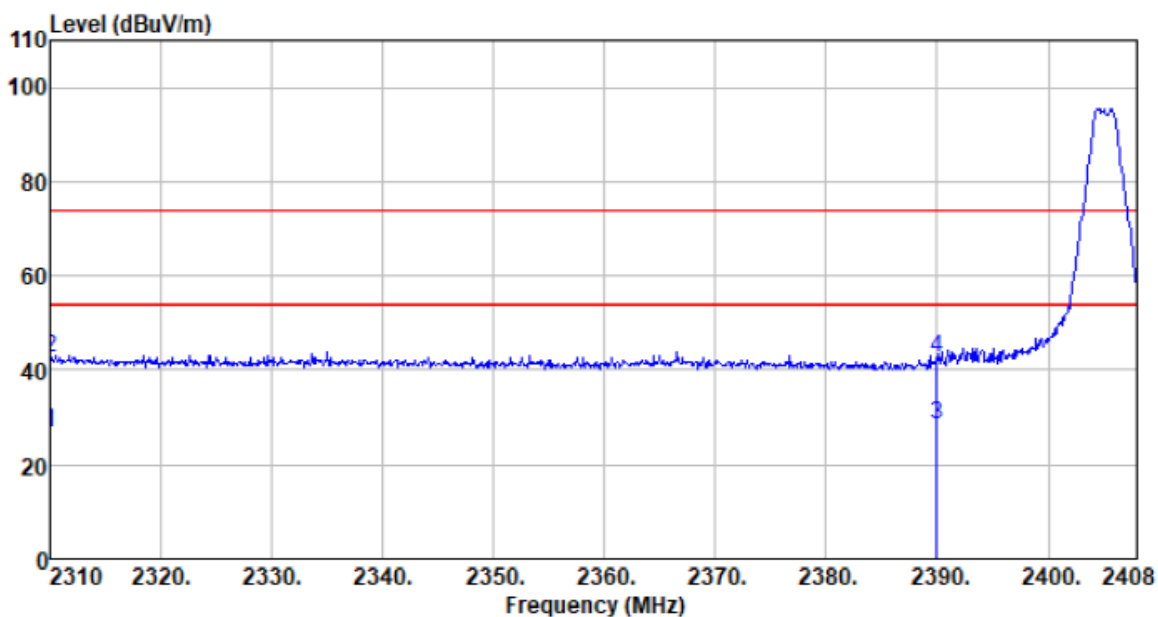


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	34.37	26.66	4.09	38.86	26.26	54.00	-27.74	Average
2310.000	49.27	26.66	4.09	38.86	41.16	74.00	-32.84	Peak
2390.000	35.44	26.62	4.11	38.88	27.29	54.00	-26.71	Average
2390.000	51.37	26.62	4.11	38.88	43.22	74.00	-30.78	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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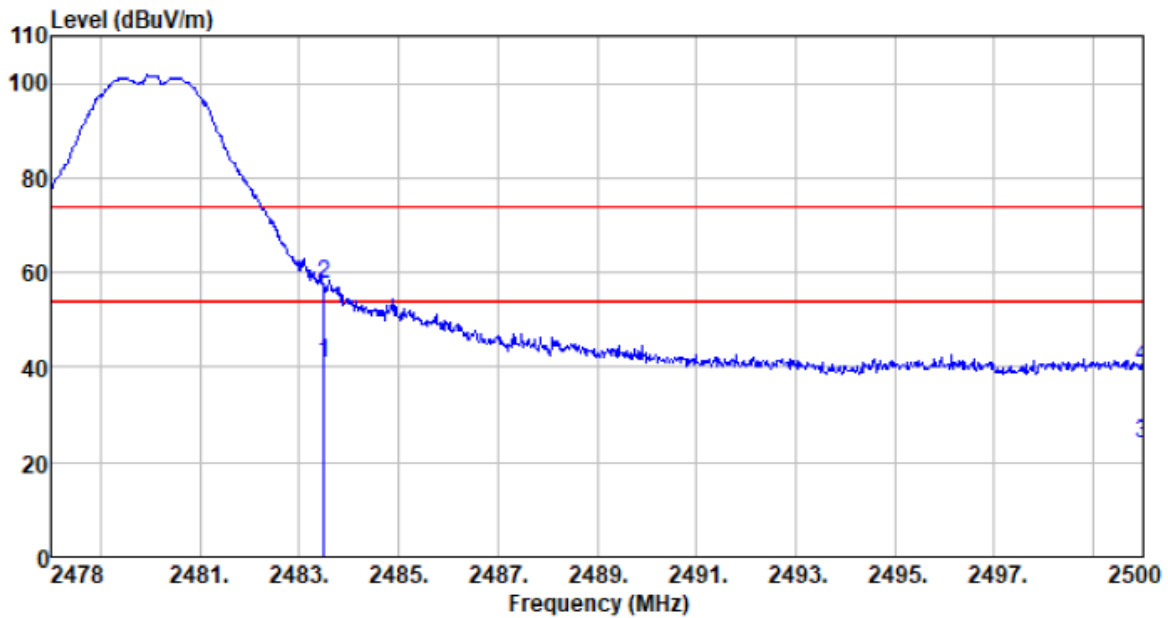


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	33.35	28.05	4.09	38.86	26.63	54.00	-27.37	Average
2310.000	49.52	28.05	4.09	38.86	42.80	74.00	-31.20	Peak
2390.000	36.13	27.03	4.11	38.88	28.39	54.00	-25.61	Average
2390.000	50.28	27.03	4.11	38.88	42.54	74.00	-31.46	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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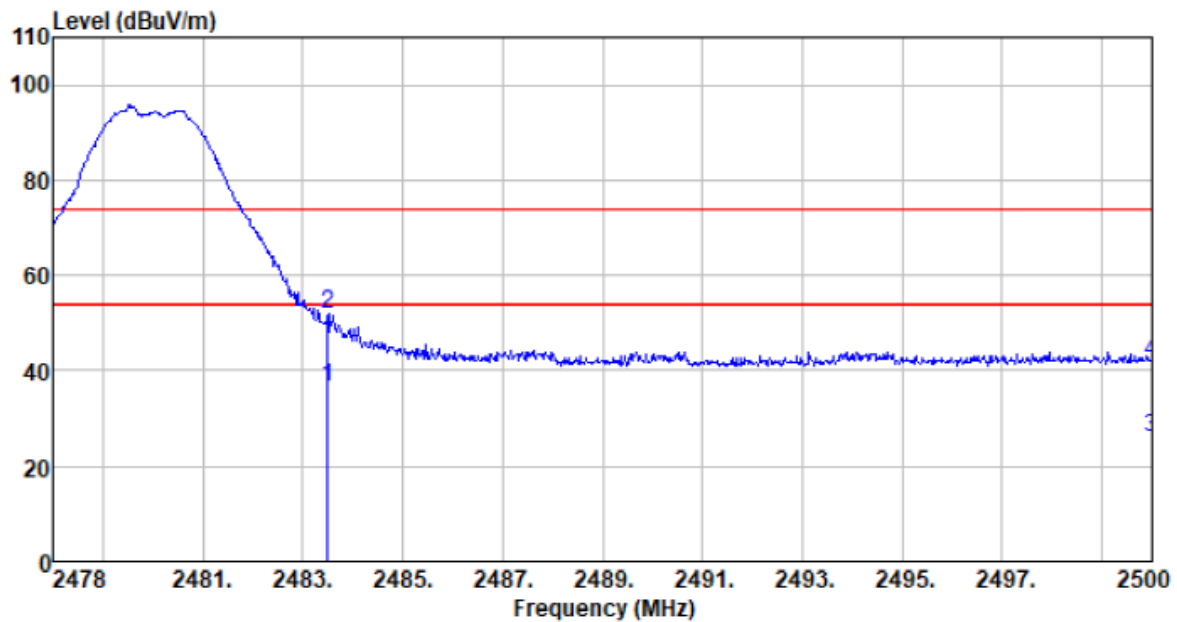


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2483.500	48.93	26.78	4.13	38.90	40.94	54.00	-13.06	Average
2483.500	65.74	26.78	4.13	38.90	57.75	74.00	-16.25	Peak
2500.000	32.34	26.48	4.14	38.90	24.06	54.00	-29.94	Average
2500.000	48.44	26.48	4.14	38.90	40.16	74.00	-33.84	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	43.17	28.22	4.13	38.90	36.62	54.00	-17.38	Average
2483.500	58.37	28.22	4.13	38.90	51.82	74.00	-22.18	Peak
2500.000	32.11	28.63	4.14	38.90	25.98	54.00	-28.02	Average
2500.000	47.81	28.63	4.14	38.90	41.68	74.00	-32.32	Peak

Remarks:

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

Remarks:

1. 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.

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