

TEST REPORT

Applicant: SCR (Engineers) Ltd.

Address of Applicant: 18 Hamelacha street, Poleg Industrial Zone, Netanya, 4250553, POB 8310, Israel

Manufacturer/ Factory: SCR (Engineers) Ltd.

Address of Manufacturer/ Factory: 18 Hamelacha street, Poleg Industrial Zone, Netanya, 4250553, POB 8310, Israel

Equipment Under Test (EUT)

Product Name: SenseHub Feedlot Tag

Model No.: SHFT2

Trade Mark: SenseHub™ Feedlot

FCC ID: AMU-SHFT2

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

Date of sample receipt: March 19, 2026

Date of Test: March 19, 2026-April 14, 2026

Date of report issued: April 17, 2026

Test Result : PASS *

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

Authorized Signature:



Laboratory Manager



2 Version

Version No.	Date	Description
00	April 17, 2026	Original

Tested By:

Jauch. Cai

Date:

April 17, 2026

Test Engineer

Prepared By:

Isabelle

Date:

April 17, 2026

Project Engineer

Check By:

Robinson

Date:

April 17, 2026

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna Requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Conducted Peak Output Power	15.247 (b)(2)(3)	Pass
Channel Bandwidth	15.247 (a)(1)(2)	Pass
Carrier Frequencies Separation	15.247 (a)(1)	Pass
Hopping Channel Number	15.247 (a)(1)(iii)	Pass
Dwell Time	15.247(a)(1)(i)	Pass
Radiated Emission	15.205/15.209	Pass
Band Edge	15.247(d)	Pass

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

Remark : Test according to ANSI C63.10:2020.

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:	SensHub Feedlot Tag
Model No.:	SHFT2
S/ N:	AB0019686012
Test sample(s) ID:	GTS2026030275-1
Sample(s) Status	Engineer sample
Operation Frequency:	902.3MHz~914.9MHz
Channel numbers:	64
Channel separation:	200kHz
Modulation technology:	FHSS
Modulation type:	LORA
Antenna Type:	PCB Antenna
Antenna gain:	-8.55dBi(declare by applicant)
Power supply:	DC 3V 400mAh Li-ion 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.

The test frequencies are below:

Channel	Frequency(MHz)
The lowest channel	902.3
The middle channel	906
The Highest channel	914.9

Operation Frequency each of channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	902.3	17	905.5	33	908.7	49	911.9
2	902.5	18	905.7	34	908.9	50	912.1
3	902.7	19	905.9	35	909.1	51	912.3
4	902.9	20	906.1	36	909.3	52	912.5
5	903.1	21	906.3	37	909.5	53	912.7
6	903.3	22	906.5	38	909.7	54	912.9
7	903.5	23	906.7	39	909.9	55	913.1
8	903.7	24	906.9	40	910.1	56	913.3
9	903.9	25	907.1	41	910.3	57	913.5
10	904.1	26	907.3	42	910.5	58	913.7
11	904.3	27	907.5	43	910.7	59	913.9
12	904.5	28	907.7	44	910.9	60	914.1
13	904.7	29	907.9	45	911.1	61	914.3
14	904.9	30	908.1	46	911.3	62	914.5
15	905.1	31	908.3	47	911.5	63	914.7
16	905.3	32	908.5	48	911.7	64	914.9

5.2 Test mode

Transmitting mode	Keep the EUT in transmitting mode.
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5.3 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).

5.4 Test Location

All other 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

5.5 Description of Support Units

None.

5.6 Deviation from Standards

None.

5.7 Abnormalities from Standard Conditions

None.

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. 12, 2025 Apr. 11, 2026	Apr. 11, 2026 Apr. 10, 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. 11, 2025 Apr. 11, 2026	Apr. 10, 2026 Apr. 10, 2027
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 12, 2025 Apr. 11, 2026	Apr. 11, 2026 Apr. 10, 2027
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 12, 2025 Apr. 11, 2026	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. 11, 2025 Apr. 10, 2026	Apr. 10, 2026 Apr. 09, 2027
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2025 Apr. 10, 2026	Apr. 10, 2026 Apr. 09, 2027
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2025 Apr. 10, 2026	Apr. 10, 2026 Apr. 09, 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. 15, 2025	Apr. 14, 2026
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

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Wireless Connectivity Test Set	Anritsu	MT8862A	SN6272327180	Aug. 26, 2025	Aug. 25, 2026
2	Bluetooth Test Set	Anritsu	MT8852B	SN6262097212	Aug. 26, 2025	Aug. 25, 2026
3	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Aug. 26, 2025	Aug. 25, 2026
4	Vector Signal Generator	Keysight	N5182B	MY61250192	Apr. 17, 2025	Apr. 16, 2026
5	Analog Signal Generator	Keysight	N5171B	MY61252573	Aug. 26, 2025	Aug. 25, 2026
6	RF Control Unit and Power Test Unit	Tonscend	JS0806-2	SN21F8060437	Apr. 17, 2025	Apr. 16, 2026
7	Power Control Unit	Tonscend	JS0806-4ADC	SN21C8060386	N/A	N/A
8	Wideband Radio Communication Tester	R&S	CWM500	GTS569	Aug. 26, 2025	Aug. 25, 2026
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 11, 2025 Apr. 10, 2026	Apr. 10, 2026 Apr. 09, 2027
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 15, 2025	Apr. 14, 2026
11	Test Software	Tonscend	JS1120-3 V3.5.39	N/A	N/A	N/A

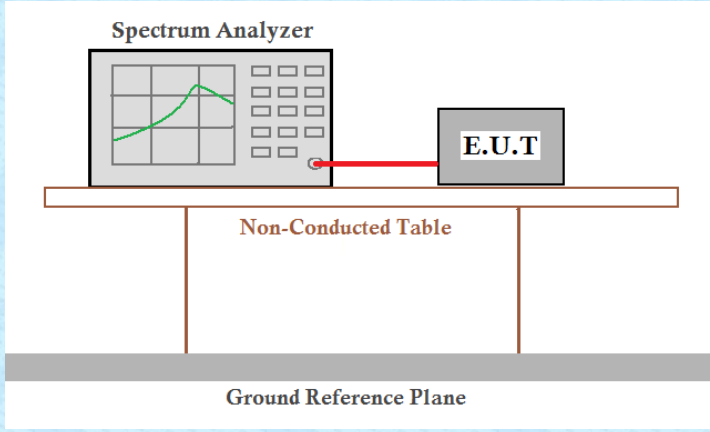
General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Jul. 16, 2025	Jul. 15, 2026

7 Test results and Measurement Data

7.1 Antenna requirement

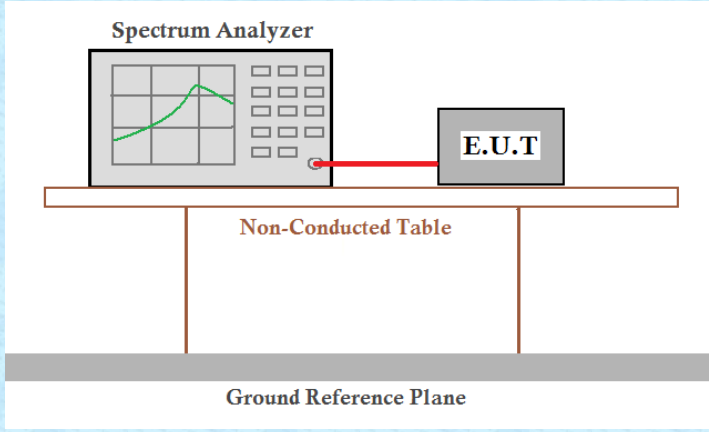
Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling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

7.2 Conducted Peak Output Power

Test Requirement:	FCC Part15 C Section 15.247(b)(2)(3)
Test Method:	ANSI C63.10:2020
Limit:	30dBm
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, shown with a green trace on its screen, is connected to an E.U.T. (Equipment Under Test) by a red cable. Both the Spectrum Analyzer and the E.U.T. are positioned on a table labeled 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane'.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

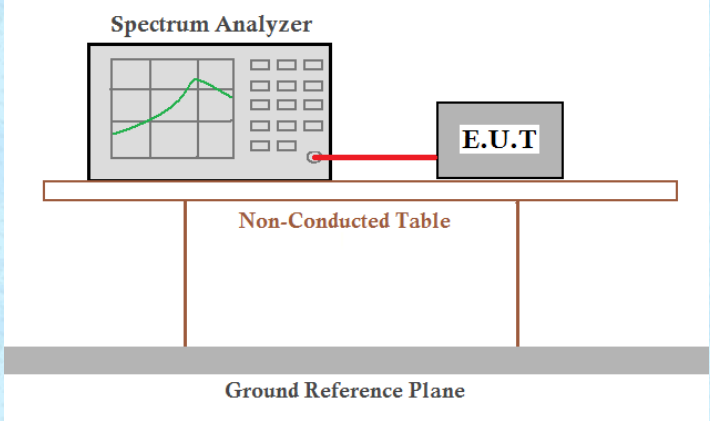
Measurement Data: The detailed test data see Appendix.

7.3 Channel Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)(2)
Test Method:	ANSI C63.10:2020
Limit:	N/A
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, shown with a green trace on its screen, is connected to an E.U.T. (Equipment Under Test) by a red cable. Both the Spectrum Analyzer and the E.U.T. are positioned on a 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane'.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

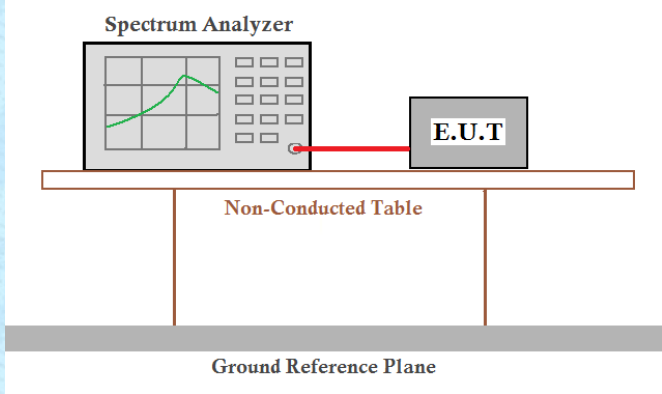
Measurement Data: The detailed test data see Appendix.

7.4 Carrier Frequencies Separation

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2020
Receiver setup:	RBW=51KHz, VBW=150KHz, detector=Peak
Limit:	0.025MHz or 20dB bandwidth (whichever is greater)
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, showing a frequency spectrum on its screen, is connected to an E.U.T. (Equipment Under Test) box by a red cable. Both the Spectrum Analyzer and the E.U.T. are positioned on a table labeled 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane' at the base of the setup.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

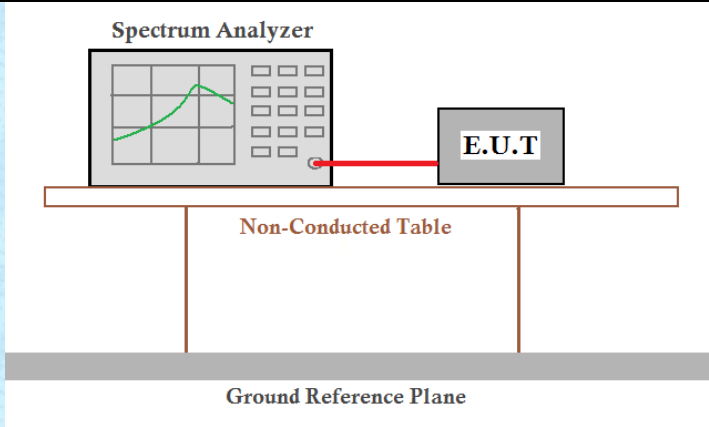
Measurement Data: The detailed test data see Appendix.

7.5 Hopping Channel Number

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)(iii)
Test Method:	ANSI C63.10:2020
Receiver setup:	RBW=47kHz, VBW=150kHz, Frequency range=902MHz-928MHz, Detector=Peak
Limit:	Report for Use
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data: The detailed test data see Appendix.

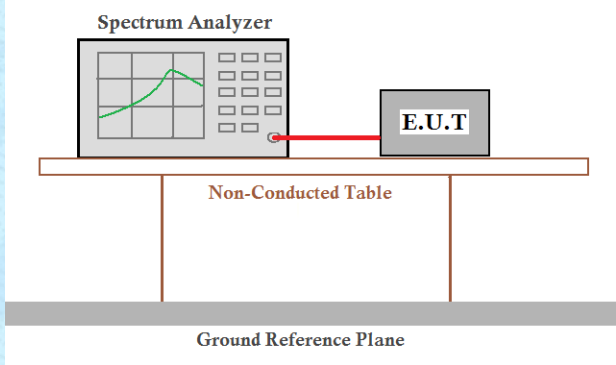
7.6 Dwell Time

Test Requirement:	FCC Part15 C Section 15.247(a)(1)(i)
Test Method:	ANSI C63.10:2020
Receiver setup:	RBW=100KHz, VBW=100KHz, Span=0Hz, Detector=Peak
Limit:	0.4 Second
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, shown with a grid and a green trace, is connected to an E.U.T. (Equipment Under Test) by a red cable. Both the Spectrum Analyzer and the E.U.T. are positioned on a table labeled 'Non-Conducted Table'. Below this table is a shaded area labeled 'Ground Reference Plane'.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data: The detailed test data see Appendix.

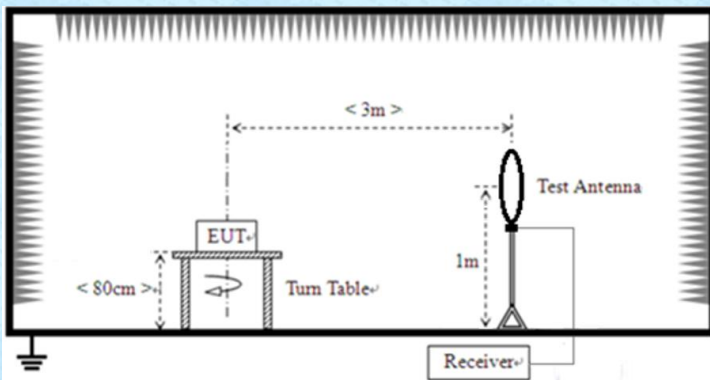
7.7 Spurious Emission

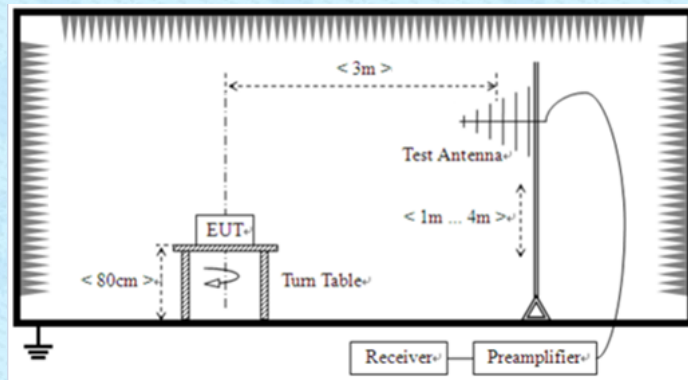
7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2020
Receiver setup:	RBW=100kHz, VBW=300kHz, Detector=Peak
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a table labeled 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane'.
Test Instruments:	Refer to section6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

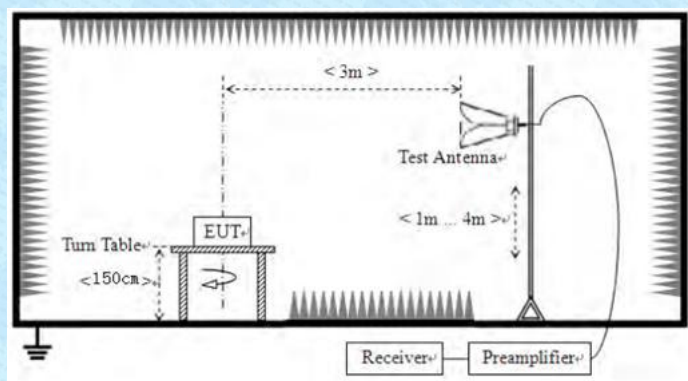
Measurement Data: The detailed test data see Appendix.

7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10:2020				
Test Frequency Range:	9kHz to 10GHz				
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/PK/AV	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				



Above 1GHz



Test Procedure:

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.

Temp.:	25 °C	Humid.:	52%	Press.:	1 012mbar
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Test results:

Pass

Test voltage:

DC 3V

Remark:

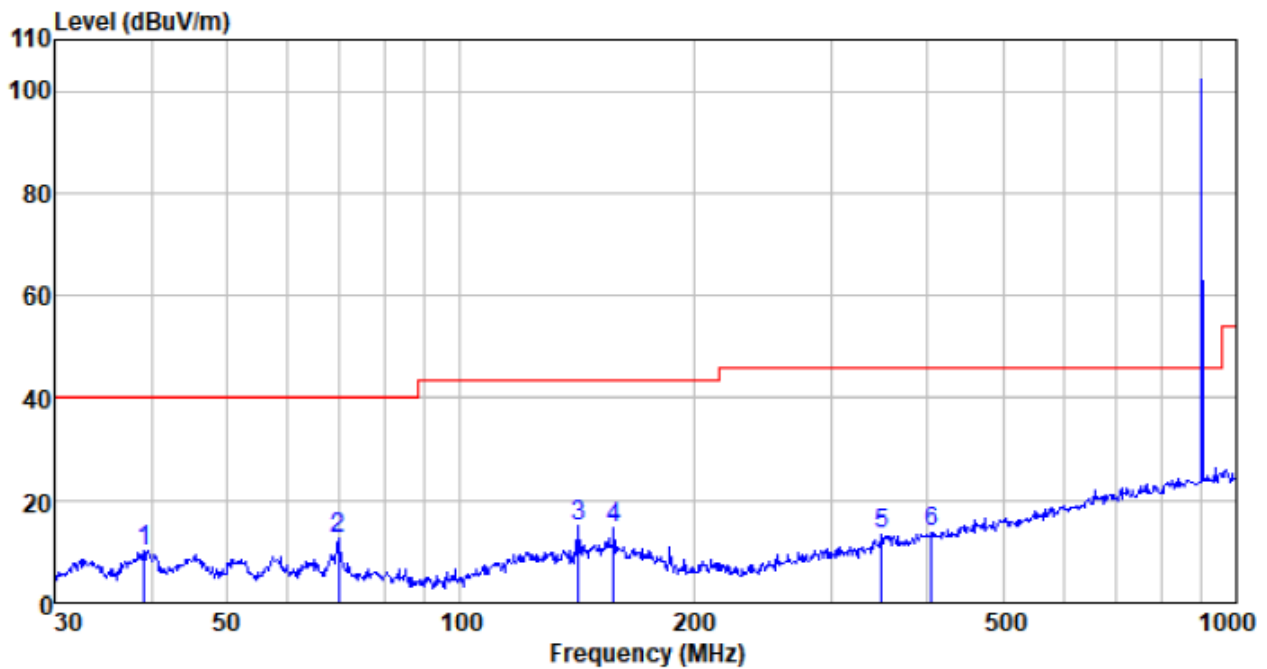
1. *Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.*

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

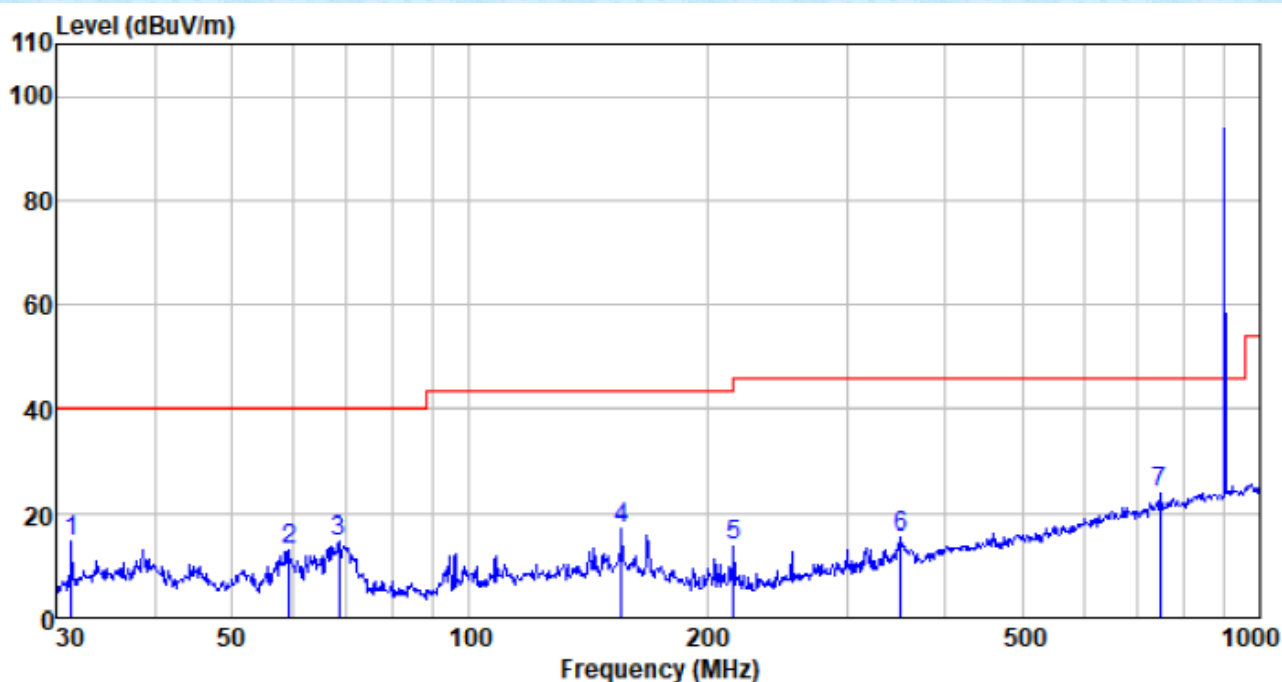
Test channel:	Lowest	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
39.162	28.12	14.23	1.28	33.55	10.08	40.00	-29.92	QP
69.600	33.48	10.94	1.73	33.55	12.60	40.00	-27.40	QP
141.826	31.99	13.98	2.38	33.50	14.85	43.50	-28.65	QP
157.559	30.96	14.74	2.50	33.47	14.73	43.50	-28.77	QP
349.250	29.13	13.67	3.86	33.11	13.55	46.00	-32.45	QP
404.667	27.97	14.89	4.16	33.02	14.00	46.00	-32.00	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

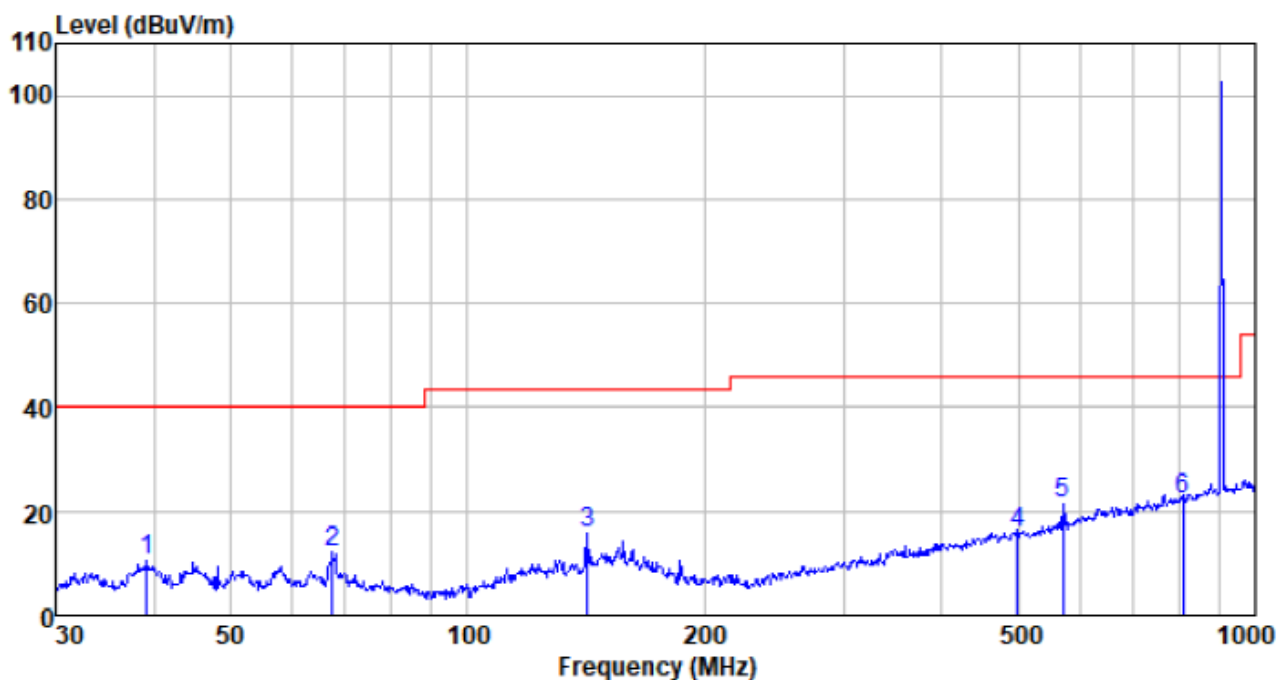
Test channel:	Lowest	Polarization:	Vertical
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
31.399	34.49	12.50	1.23	33.59	14.63	40.00	-25.37	QP
59.232	32.61	12.15	1.61	33.52	12.85	40.00	-27.15	QP
68.391	35.47	11.06	1.71	33.55	14.69	40.00	-25.31	QP
155.910	33.33	14.81	2.49	33.47	17.16	43.50	-26.34	QP
216.024	34.38	9.86	2.93	33.36	13.81	46.00	-32.19	QP
351.708	30.90	13.73	3.88	33.11	15.40	46.00	-30.60	QP
747.483	29.17	21.20	5.80	32.30	23.87	46.00	-22.13	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

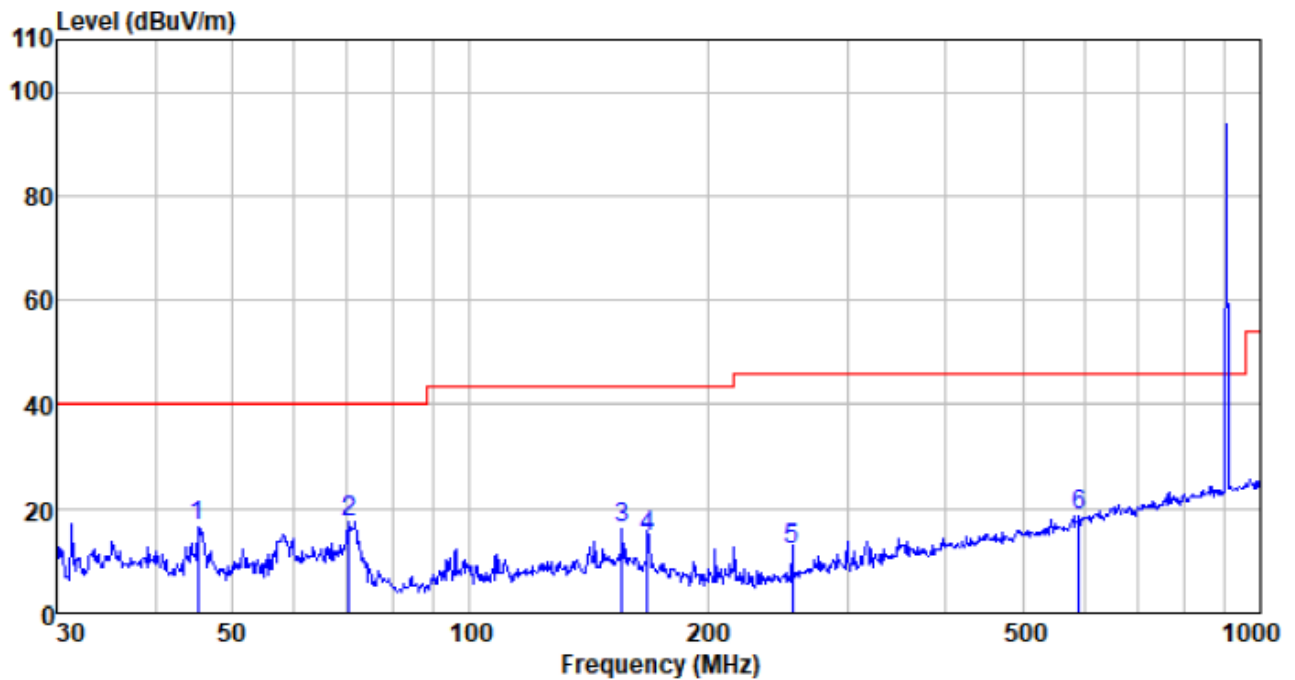
Test channel:	Middle	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
39.162	28.51	14.23	1.28	33.55	10.47	40.00	-29.53	QP
67.438	32.80	11.16	1.70	33.54	12.12	40.00	-27.88	QP
141.826	32.77	13.98	2.38	33.50	15.63	43.50	-27.87	QP
499.425	27.12	16.89	4.58	32.90	15.69	46.00	-30.31	QP
570.610	30.91	18.30	4.94	32.70	21.45	46.00	-24.55	QP
810.265	26.09	22.21	6.09	32.14	22.25	46.00	-23.75	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

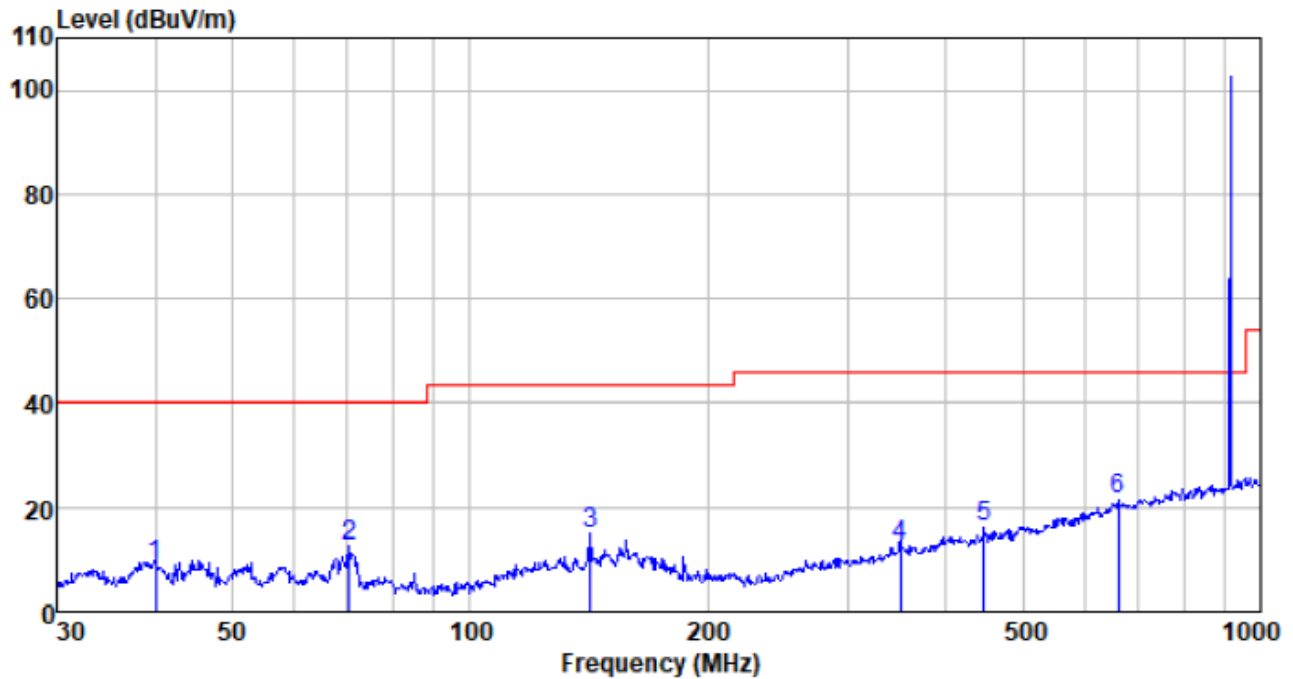
Test channel:	Middle	Polarization:	Vertical
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
45.217	35.44	13.38	1.38	33.52	16.68	40.00	-23.32	QP
70.337	38.54	10.87	1.73	33.55	17.59	40.00	-22.41	QP
155.910	32.46	14.81	2.49	33.47	16.29	43.50	-27.21	QP
167.824	31.90	13.72	2.58	33.45	14.75	43.50	-28.75	QP
255.623	31.59	10.63	3.25	33.28	12.19	46.00	-33.81	QP
588.905	27.80	18.58	5.03	32.66	18.75	46.00	-27.25	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

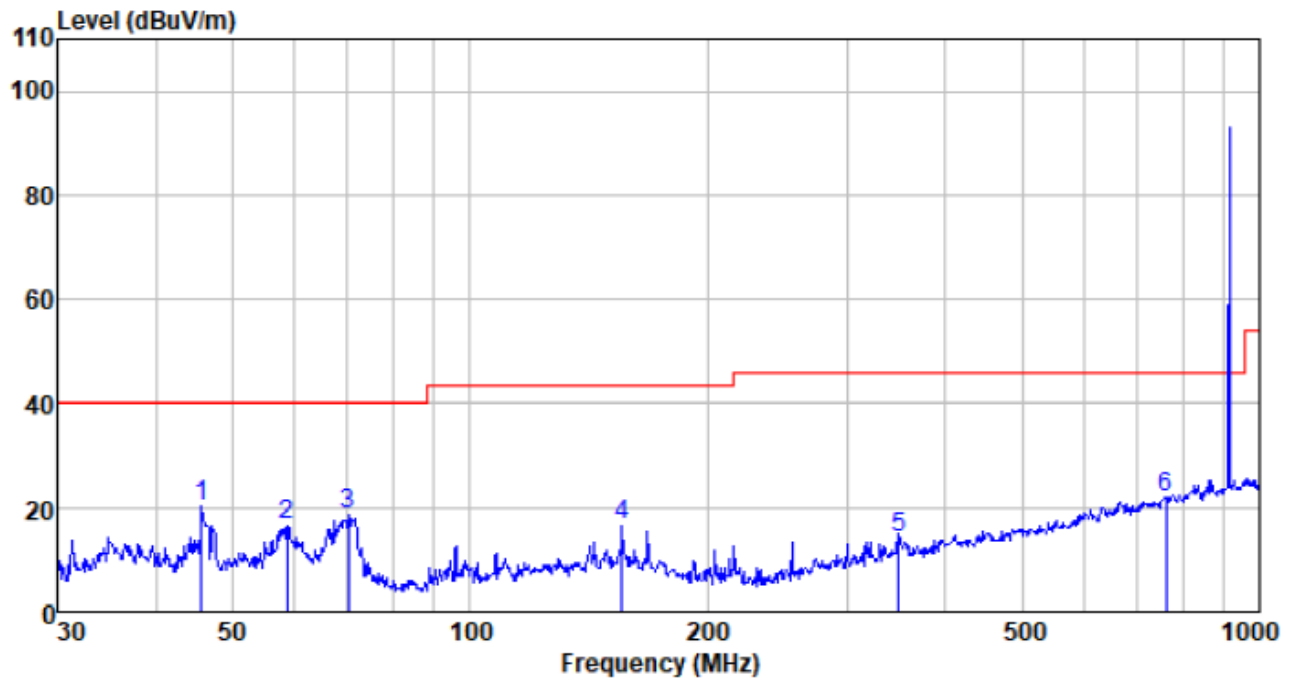
Test channel:	Highest	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
39.994	26.81	14.40	1.29	33.54	8.96	40.00	-31.04	QP
70.337	33.61	10.87	1.73	33.55	12.66	40.00	-27.34	QP
141.826	32.19	13.98	2.38	33.50	15.05	43.50	-28.45	QP
350.477	28.13	13.71	3.87	33.11	12.60	46.00	-33.40	QP
446.414	28.75	15.93	4.36	32.97	16.07	46.00	-29.93	QP
661.151	28.49	20.10	5.36	32.48	21.47	46.00	-24.53	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

Test channel:	Highest	Polarization:	Vertical
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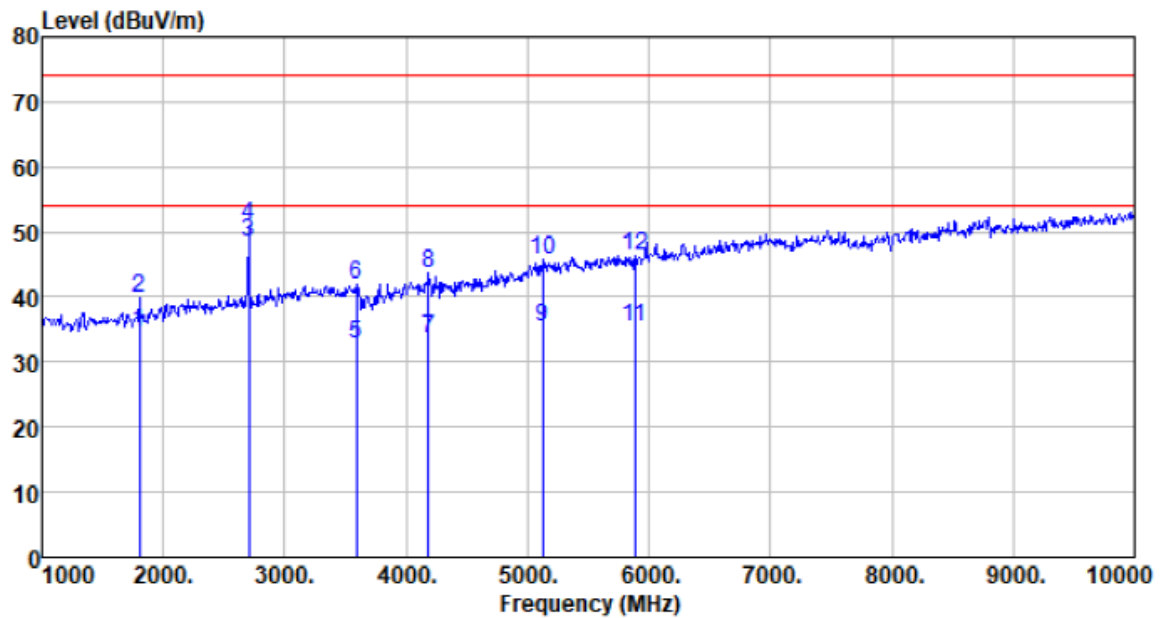


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
45.695	39.08	13.33	1.39	33.52	20.28	40.00	-19.72	QP
58.613	36.35	12.18	1.60	33.52	16.61	40.00	-23.39	Peak
70.090	39.64	10.89	1.73	33.55	18.71	40.00	-21.29	QP
155.910	32.93	14.81	2.49	33.47	16.76	43.50	-26.74	QP
349.250	29.73	13.67	3.86	33.11	14.15	46.00	-31.85	QP
760.704	26.98	21.51	5.87	32.28	22.08	46.00	-23.92	Peak

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

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

Test channel:	Lowest	Polarization:	Horizontal
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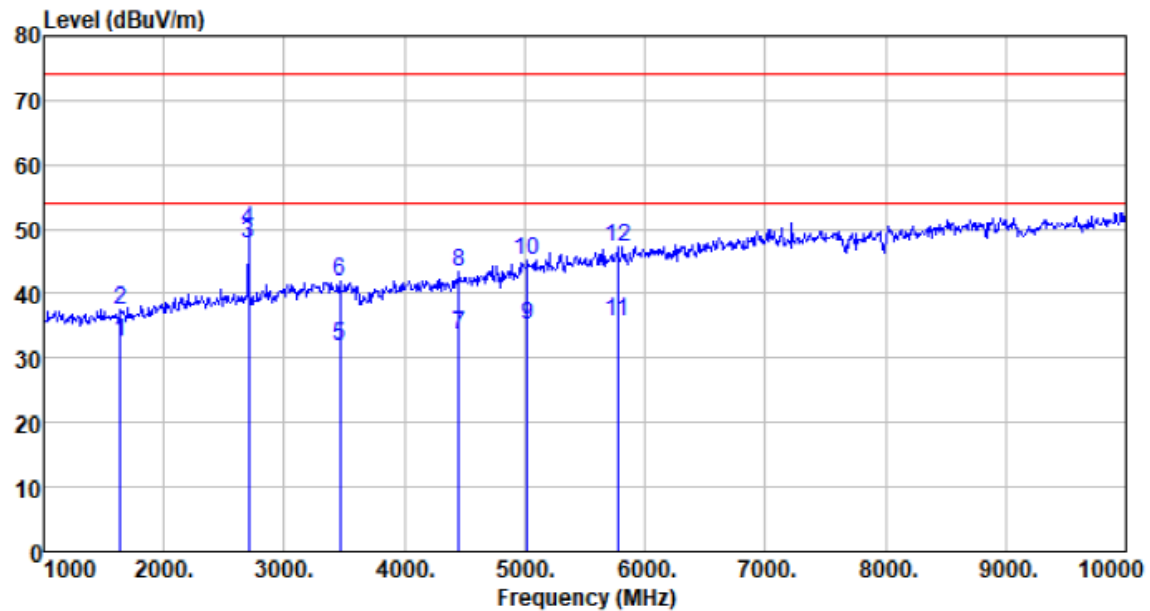


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
1804.600	44.25	25.31	3.88	39.03	34.41	54.00	-19.59	Average
1804.600	49.78	25.31	3.88	39.03	39.94	74.00	-34.06	Peak
2706.900	54.87	28.31	4.24	38.90	48.52	54.00	-5.48	Average
2706.900	57.41	28.31	4.24	38.90	51.06	74.00	-22.94	Peak
3592.000	36.94	29.60	4.70	38.61	32.63	54.00	-21.37	Average
3592.000	46.37	29.60	4.70	38.61	42.06	74.00	-31.94	Peak
4186.000	35.35	31.27	5.23	38.20	33.65	54.00	-20.35	Average
4186.000	45.44	31.27	5.23	38.20	43.74	74.00	-30.26	Peak
5122.000	34.24	33.10	5.88	37.70	35.52	54.00	-18.48	Average
5122.000	44.42	33.10	5.88	37.70	45.70	74.00	-28.30	Peak
5887.000	31.92	33.87	6.39	36.87	35.31	54.00	-18.69	Average
5887.000	42.87	33.87	6.39	36.87	46.26	74.00	-27.74	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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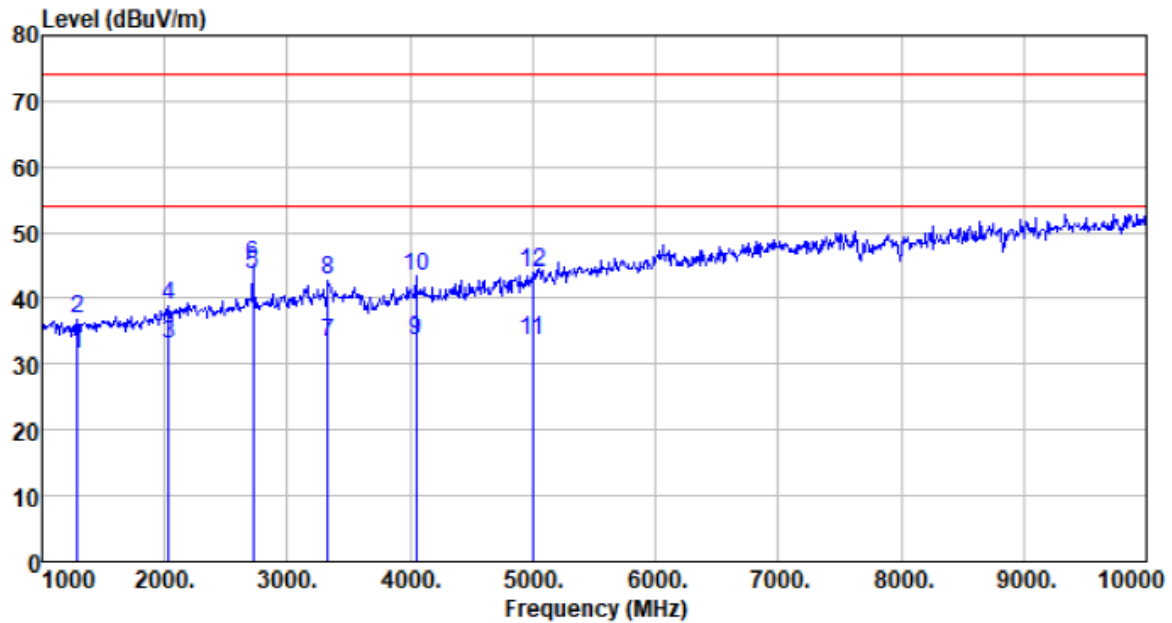


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
1639.000	42.61	25.30	3.79	39.23	32.47	54.00	-21.53	Average
1639.000	47.65	25.30	3.79	39.23	37.51	74.00	-36.49	Peak
2701.000	54.23	28.30	4.24	38.90	47.87	54.00	-6.13	Average
2701.000	56.12	28.30	4.24	38.90	49.76	74.00	-24.24	Peak
3466.000	36.61	29.43	4.67	38.71	32.00	54.00	-22.00	Average
3466.000	46.49	29.43	4.67	38.71	41.88	74.00	-32.12	Peak
4456.000	34.99	31.70	5.27	38.20	33.76	54.00	-20.24	Average
4456.000	44.70	31.70	5.27	38.20	43.47	74.00	-30.53	Peak
5023.000	34.22	32.95	5.84	37.86	35.15	54.00	-18.85	Average
5023.000	44.38	32.95	5.84	37.86	45.31	74.00	-28.69	Peak
5770.000	32.66	33.58	6.34	36.94	35.64	54.00	-18.36	Average
5770.000	44.33	33.58	6.34	36.94	47.31	74.00	-26.69	Peak

Remarks:

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

Test channel:	Middle	Polarization:	Horizontal
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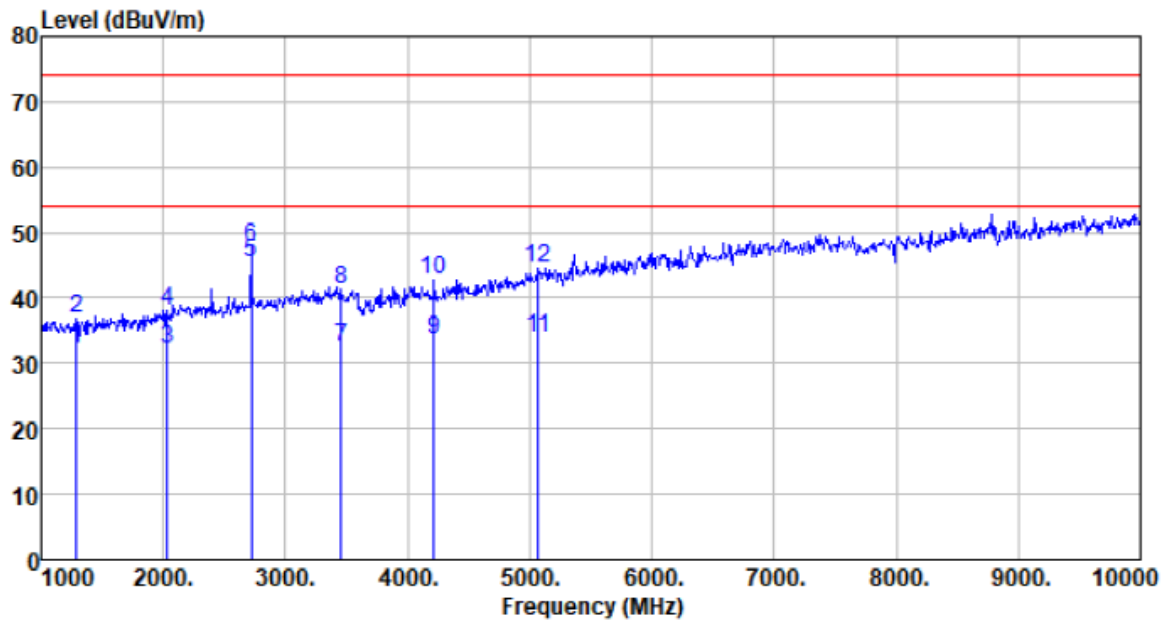


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
1288.000	42.91	25.62	3.10	40.12	31.51	54.00	-22.49	Average
1288.000	48.20	25.62	3.10	40.12	36.80	74.00	-37.20	Peak
2035.000	41.04	26.74	3.98	38.81	32.95	54.00	-21.05	Average
2035.000	47.11	26.74	3.98	38.81	39.02	74.00	-34.98	Peak
2718.000	49.93	28.34	4.25	38.90	43.62	54.00	-10.38	Average
2718.000	51.62	28.34	4.25	38.90	45.31	74.00	-28.69	Peak
3331.000	37.97	29.60	4.59	38.77	33.39	54.00	-20.61	Average
3331.000	47.40	29.60	4.59	38.77	42.82	74.00	-31.18	Peak
4051.000	35.49	31.10	5.24	38.20	33.63	54.00	-20.37	Average
4051.000	45.12	31.10	5.24	38.20	43.26	74.00	-30.74	Peak
4996.000	32.77	32.88	5.82	37.90	33.57	54.00	-20.43	Average
4996.000	43.28	32.88	5.82	37.90	44.08	74.00	-29.92	Peak

Remarks:

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

Test channel:	Middle	Polarization:	Vertical
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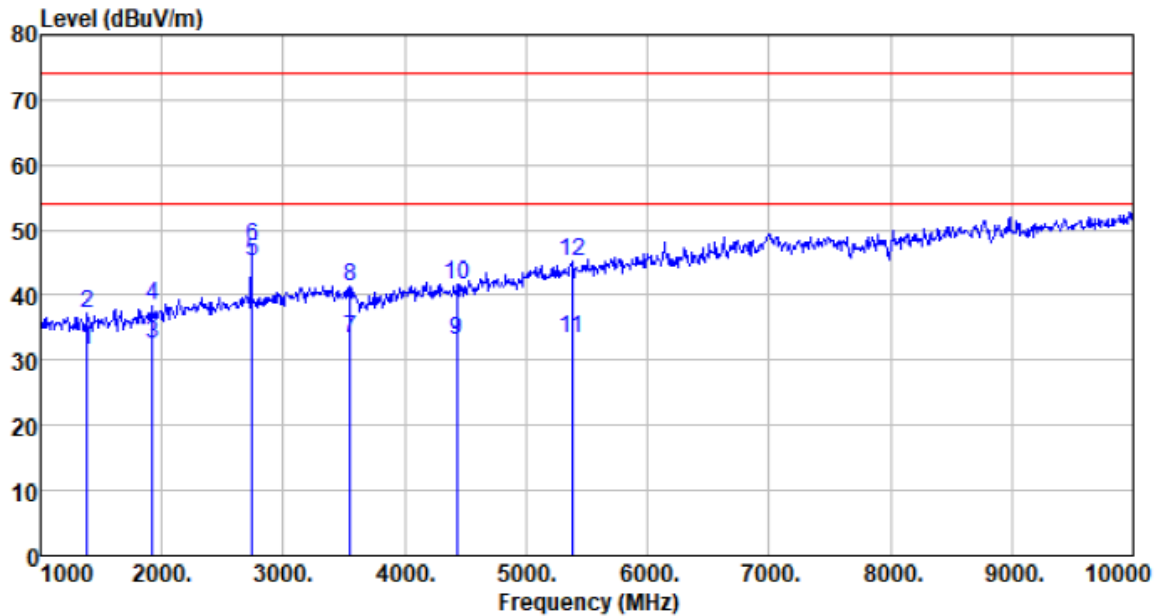


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
1288.000	43.48	25.62	3.10	40.12	32.08	54.00	-21.92	Average
1288.000	48.24	25.62	3.10	40.12	36.84	74.00	-37.16	Peak
2035.000	40.18	26.74	3.98	38.81	32.09	54.00	-21.91	Average
2035.000	46.29	26.74	3.98	38.81	38.20	74.00	-35.80	Peak
2718.000	51.78	28.34	4.25	38.90	45.47	54.00	-8.53	Average
2718.000	54.06	28.34	4.25	38.90	47.75	74.00	-26.25	Peak
3457.000	37.25	29.41	4.66	38.72	32.60	54.00	-21.40	Average
3457.000	45.91	29.41	4.66	38.72	41.26	74.00	-32.74	Peak
4213.000	35.35	31.33	5.23	38.20	33.71	54.00	-20.29	Average
4213.000	44.59	31.33	5.23	38.20	42.95	74.00	-31.05	Peak
5068.000	32.74	33.04	5.86	37.79	33.85	54.00	-20.15	Average
5068.000	43.53	33.04	5.86	37.79	44.64	74.00	-29.36	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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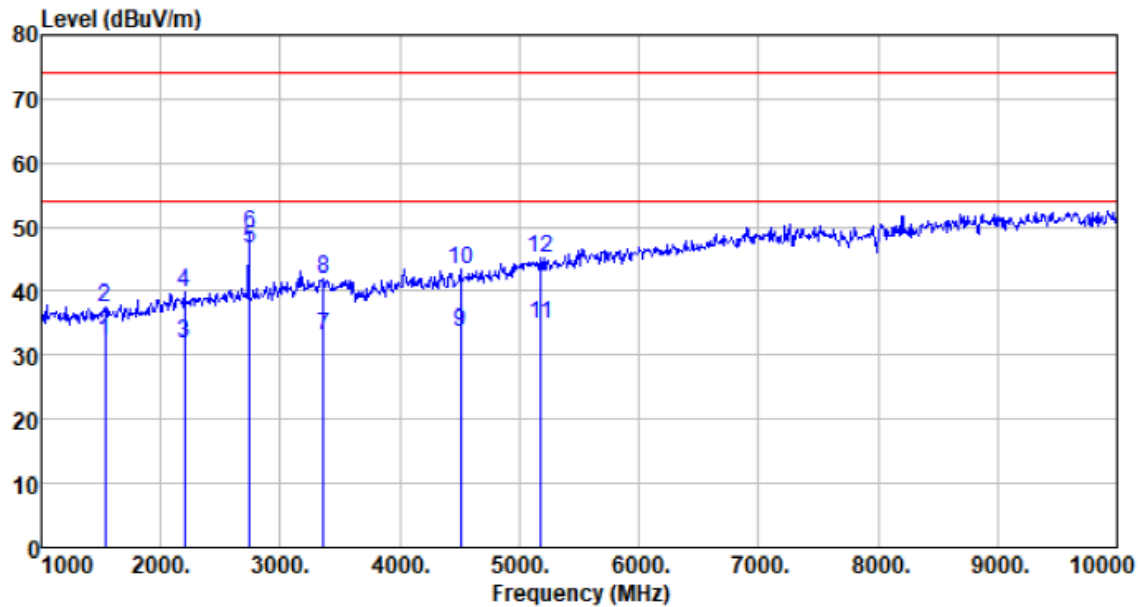


Freq MHz	Reading level dBUV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Final level dBUV/m	Limit level dBUV/m	Over limit dB	Remark
1387.000	42.59	25.53	3.24	39.78	31.58	54.00	-22.42	Average
1387.000	48.21	25.53	3.24	39.78	37.20	74.00	-36.80	Peak
1918.000	41.52	25.87	3.93	38.90	32.42	54.00	-21.58	Average
1918.000	47.46	25.87	3.93	38.90	38.36	74.00	-35.64	Peak
2744.700	51.26	28.39	4.27	38.90	45.02	54.00	-8.98	Average
2744.700	53.90	28.39	4.27	38.90	47.66	74.00	-26.34	Peak
3547.000	37.85	29.59	4.69	38.65	33.48	54.00	-20.52	Average
3547.000	45.64	29.59	4.69	38.65	41.27	74.00	-32.73	Peak
4429.000	34.37	31.66	5.25	38.20	33.08	54.00	-20.92	Average
4429.000	42.91	31.66	5.25	38.20	41.62	74.00	-32.38	Peak
5374.000	31.74	32.90	6.14	37.30	33.48	54.00	-20.52	Average
5374.000	43.41	32.90	6.14	37.30	45.15	74.00	-28.85	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
1531.000	42.57	25.44	3.59	39.36	32.24	54.00	-21.76	Average
1531.000	47.80	25.44	3.59	39.36	37.47	74.00	-36.53	Peak
2197.000	39.31	27.39	4.07	38.84	31.93	54.00	-22.07	Average
2197.000	47.11	27.39	4.07	38.84	39.73	74.00	-34.27	Peak
2744.700	53.02	28.39	4.27	38.90	46.78	54.00	-7.22	Average
2744.700	55.11	28.39	4.27	38.90	48.87	74.00	-25.13	Peak
3358.000	37.51	29.58	4.62	38.76	32.95	54.00	-21.05	Average
3358.000	46.35	29.58	4.62	38.76	41.79	74.00	-32.21	Peak
4510.000	34.86	31.70	5.31	38.19	33.68	54.00	-20.32	Average
4510.000	44.50	31.70	5.31	38.19	43.32	74.00	-30.68	Peak
5176.000	33.37	33.15	5.91	37.62	34.81	54.00	-19.19	Average
5176.000	43.62	33.15	5.91	37.62	45.06	74.00	-28.94	Peak

Remarks:

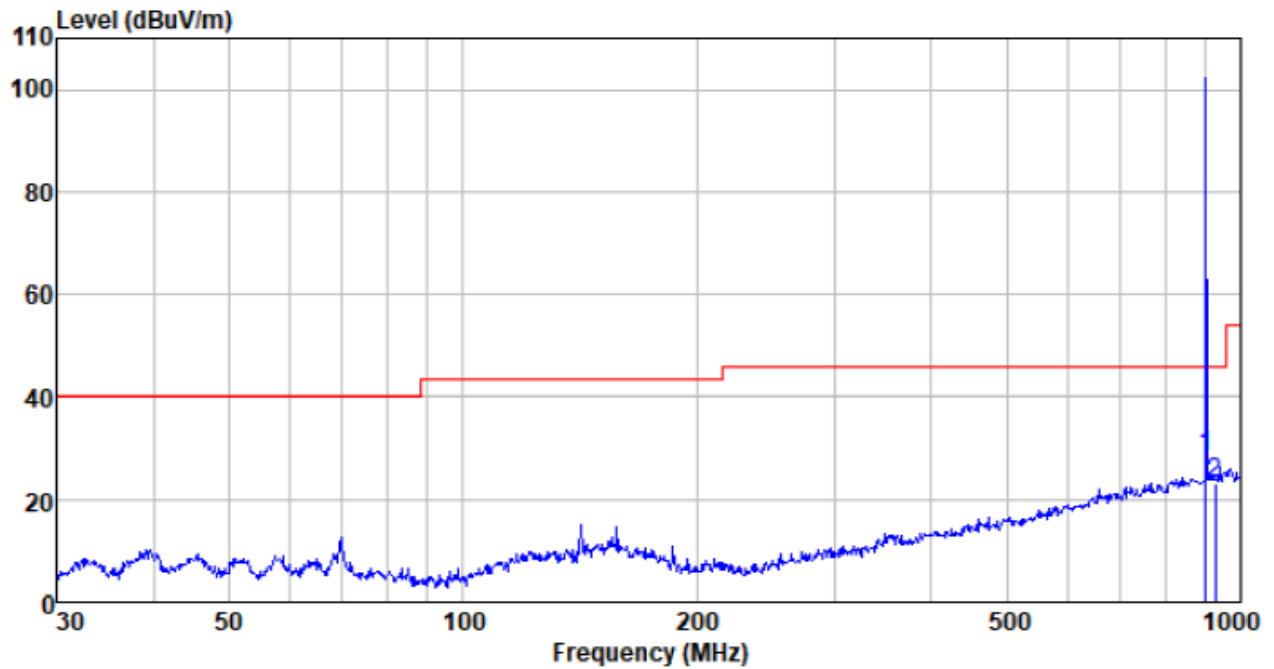
Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

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.

■ Unwanted Emissions in Restricted Frequency Bands

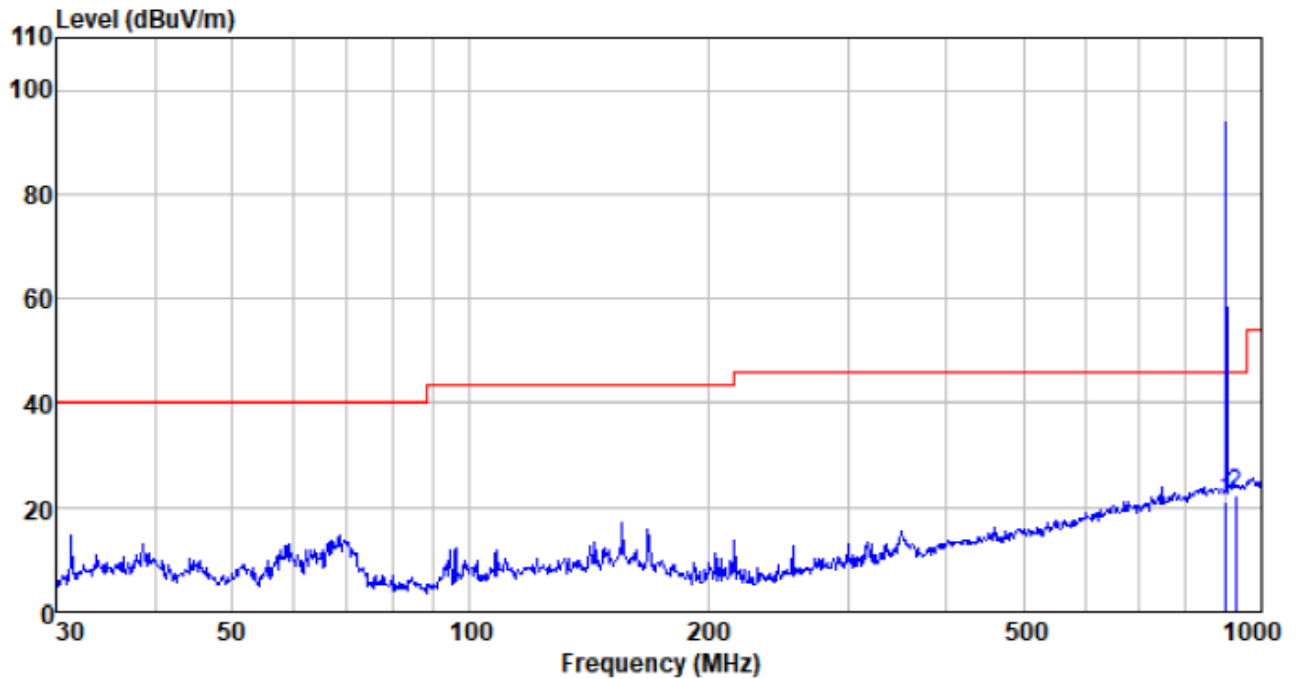
Test channel:	Lowest	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
902.000	30.80	23.04	6.22	31.61	28.45	46.00	-17.55	QP
928.000	24.64	23.46	6.35	31.47	22.98	46.00	-23.02	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

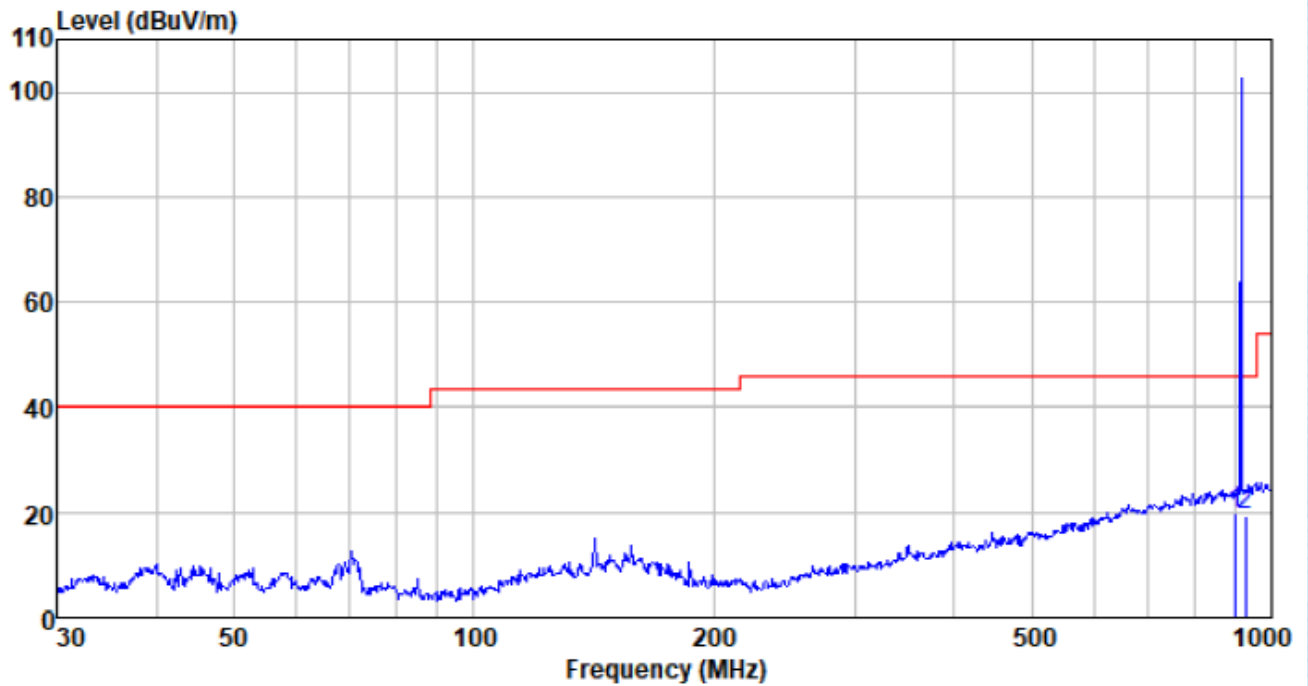
Test channel:	Lowest	Polarization:	Vertical
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
902.000	23.60	23.04	6.22	31.61	21.25	46.00	-24.75	QP
928.000	23.85	23.46	6.35	31.47	22.19	46.00	-23.81	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

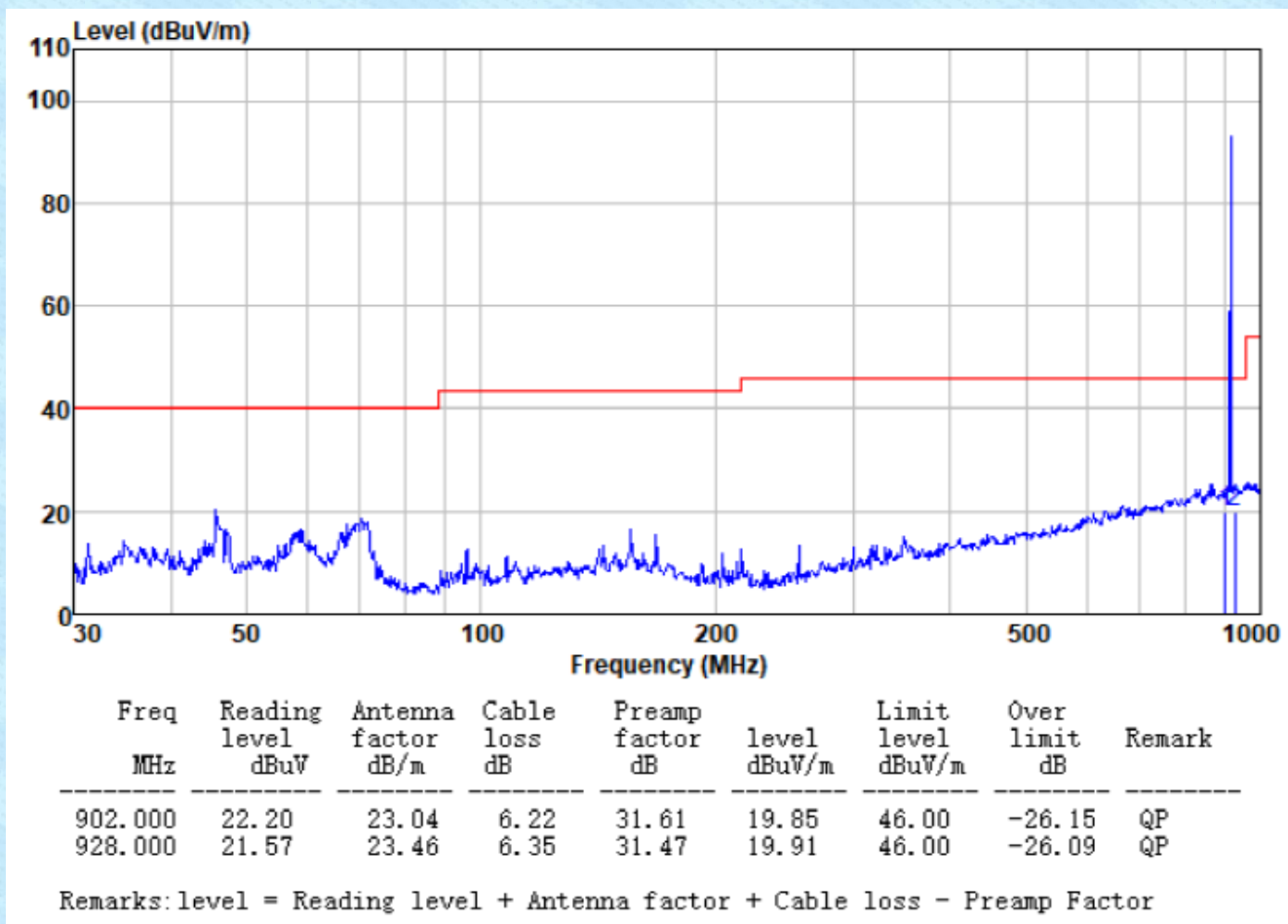
Test channel:	Highest	Polarization:	Horizontal
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Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
902.000	22.20	23.04	6.22	31.61	19.85	46.00	-26.15	QP
928.000	21.35	23.46	6.35	31.47	19.69	46.00	-26.31	QP

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

Test channel:	Highest	Polarization:	Vertical
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Remark:

1. Level(dBuV/m) = Read Level (dBuV) + Factor (dB/m).
2. Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit.
4. Over Limit = Emission Level – Limit value.

8 Test Setup Photo

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

9 EUT Constructional Details

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

---End---