

CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

N Series RC

MODEL NUMBER: NRC01

REPORT NUMBER: 4791883648-3-RF-6

ISSUE DATE: September 11, 2025

FCC ID: 2BQAI-NRC01

Prepared for

**Spatial Hover Inc
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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	September 11, 2025	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
ON TIME AND DUTY CYCLE	ANSI C63.10-2020, Clause 12.2	None; for reporting purposes only.	Pass
6dB AND 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e),	Pass
CONDUCTED OUTPUT POWER	KDB 789033 D02 v02r01 Section E.3.a (Method PM)/KDB 789033 D02 v02r01 Section E.3.a (Method PM) Section E.2.d (Method SA-2)	FCC 15.407 (a)	Pass
POWER SPECTRAL DENSITY	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a)	Pass
AC Power Line Conducted Emission	ANSI C63.10-2020, Clause 6.2.	FCC 15.207	N/A
Radiated Emissions and Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
FREQUENCY STABILITY	ANSI C63.10-2020, Clause 6.8	FCC 15.407 (g)	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2)	Pass

Note:

1. N/A: In this whole report not applicable.

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART E> when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Spatial Hover Inc
Address: 10415A Westpark Dr. Houston TX 77042 Houston Texas United States

Manufacturer Information

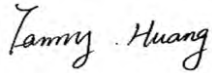
Company Name: Spatial Hover Inc
Address: 10415A Westpark Dr. Houston TX 77042 Houston Texas United States

EUT Information

EUT Name: N Series RC
Model: NRC01
Sample Received Date: July 29, 2025
Sample Status: Normal
Sample ID: 8705555
Date of Tested: July 29, 2025 to September 11, 2025

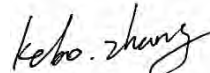
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART E	Pass

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART E , ANSI C63.10-2020, ANSI C63.10-2020 + Cor.1-2023, CFR 47 FCC Part 2, KDB 789033 D02 v02r01, RSS-GEN Issue 5, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note 1:

All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:

The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:

For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
	5.37 dB (26 GHz ~ 40 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
Dynamic Frequency Selection	±1.01 dB
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	N Series RC
Model	NRC01

Radio Technology	SRD 5.8G
Operation Frequency	5.8G 1.4 MHz Bandwidth (5728.5 MHz ~ 5848.12 MHz) 5.8G 3 MHz Bandwidth (5727.5 MHz ~ 5847.2 MHz) 5.8 GHz 10 MHz Bandwidth (5730.5 MHz ~ 5844.5 MHz) 5.8 GHz 20 MHz Bandwidth (5735.5 MHz ~ 5839.5 MHz) 5.8 GHz 40 MHz Bandwidth (5745.5 MHz ~ 5829.5 MHz)
Modulation	OFDM (QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Battery	7.2 Vdc via battery
Power Supply	DC 5V

Note: All power supply modes have been pre-scanned, only the worst data was recorded in the report.

5.2. CHANNEL LIST

5.8 GHz 1.4 MHz Bandwidth							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5728.5	31	5758.5	61	5788.5	91	5818.5
2	5730.12	32	5760.12	62	5790.12	92	5820.12
3	5730.5	33	5760.5	63	5790.5	93	5820.5
4	5732.12	34	5762.12	64	5792.12	94	5822.12
5	5732.5	35	5762.5	65	5792.5	95	5822.5
6	5734.12	36	5764.12	66	5794.12	96	5824.12
7	5734.5	37	5764.5	67	5794.5	97	5824.5
8	5736.12	38	5766.12	68	5796.12	98	5826.12
9	5736.5	39	5766.5	69	5796.5	99	5826.5
10	5738.12	40	5768.12	70	5798.12	100	5828.12
11	5738.5	41	5768.5	71	5798.5	101	5828.5
12	5740.12	42	5770.12	72	5800.12	102	5830.12
13	5740.5	43	5770.5	73	5800.5	103	5830.5
14	5742.12	44	5772.12	74	5802.12	104	5832.12
15	5742.5	45	5772.5	75	5802.5	105	5832.5
16	5744.12	46	5774.12	76	5804.12	106	5834.12
17	5744.5	47	5774.5	77	5804.5	107	5834.5
18	5746.12	48	5776.12	78	5806.12	108	5836.12
19	5746.5	49	5776.5	79	5806.5	109	5836.5
20	5748.12	50	5778.12	80	5808.12	110	5838.12
21	5748.5	51	5778.5	81	5808.5	111	5838.5
22	5750.12	52	5780.12	82	5810.12	112	5840.12
23	5750.5	53	5780.5	83	5810.5	113	5840.5
24	5752.12	54	5782.12	84	5812.12	114	5842.12
25	5752.5	55	5782.5	85	5812.5	115	5842.5
26	5754.12	56	5784.12	86	5814.12	116	5844.12
27	5754.5	57	5784.5	87	5814.5	117	5844.5
28	5756.12	58	5786.12	88	5816.12	118	5846.12
29	5756.5	59	5786.5	89	5816.5	119	5846.5
30	5758.12	60	5788.12	90	5818.12	120	5848.12

5.8 GHz 3 MHz Bandwidth							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5727.5	21	5757.5	41	5787.5	61	5817.5
2	5730.2	22	5760.2	42	5790.2	62	5820.2
3	5730.5	23	5760.5	43	5790.5	63	5820.5
4	5733.2	24	5763.2	44	5793.2	64	5823.2
5	5733.5	25	5763.5	45	5793.5	65	5823.5
6	5736.2	26	5766.2	46	5796.2	66	5826.2
7	5736.5	27	5766.5	47	5796.5	67	5826.5
8	5739.2	28	5769.2	48	5799.2	68	5829.2
9	5739.5	29	5769.5	49	5799.5	69	5829.5
10	5742.2	30	5772.2	50	5802.2	70	5832.2
11	5742.5	31	5772.5	51	5802.5	71	5832.5
12	5745.2	32	5775.2	52	5805.2	72	5835.2
13	5745.5	33	5775.5	53	5805.5	73	5835.5
14	5748.2	34	5778.2	54	5808.2	74	5838.2
15	5748.5	35	5778.5	55	5808.5	75	5838.5
16	5751.2	36	5781.2	56	5811.2	76	5841.2
17	5751.5	37	5781.5	57	5811.5	77	5841.5
18	5754.2	38	5784.2	58	5814.2	78	5844.2
19	5754.5	39	5784.5	59	5814.5	79	5844.5
20	5757.2	40	5787.2	60	5817.2	80	5847.2

5.8 GHz 10 MHz Bandwidth							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5730.5	30	5759.5	59	5788.5	88	5817.5
2	5731.5	31	5760.5	60	5789.5	89	5818.5
3	5732.5	32	5761.5	61	5790.5	90	5819.5
4	5733.5	33	5762.5	62	5791.5	91	5820.5
5	5734.5	34	5763.5	63	5792.5	92	5821.5
6	5735.5	35	5764.5	64	5793.5	93	5822.5
7	5736.5	36	5765.5	65	5794.5	94	5823.5
8	5737.5	37	5766.5	66	5795.5	95	5824.5
9	5738.5	38	5767.5	67	5796.5	96	5825.5
10	5739.5	39	5768.5	68	5797.5	97	5826.5
11	5740.5	40	5769.5	69	5798.5	98	5827.5
12	5741.5	41	5770.5	70	5799.5	99	5828.5
13	5742.5	42	5771.5	71	5800.5	100	5829.5
14	5743.5	43	5772.5	72	5801.5	101	5830.5
15	5744.5	44	5773.5	73	5802.5	102	5831.5
16	5745.5	45	5774.5	74	5803.5	103	5832.5
17	5746.5	46	5775.5	75	5804.5	104	5833.5
18	5747.5	47	5776.5	76	5805.5	105	5834.5
19	5748.5	48	5777.5	77	5806.5	106	5835.5
20	5749.5	49	5778.5	78	5807.5	107	5836.5
21	5750.5	50	5779.5	79	5808.5	108	5837.5
22	5751.5	51	5780.5	80	5809.5	109	5838.5
23	5752.5	52	5781.5	81	5810.5	110	5839.5
24	5753.5	53	5782.5	82	5811.5	111	5840.5
25	5754.5	54	5783.5	83	5812.5	112	5841.5
26	5755.5	55	5784.5	84	5813.5	113	5842.5
27	5756.5	56	5785.5	85	5814.5	114	5843.5
28	5757.5	57	5786.5	86	5815.5	115	5844.5
29	5758.5	58	5787.5	87	5816.5	/	/

5.8 GHz 20 MHz Bandwidth							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5735.5	28	5762.5	55	5789.5	82	5816.5
2	5736.5	29	5763.5	56	5790.5	83	5817.5
3	5737.5	30	5764.5	57	5791.5	84	5818.5
4	5738.5	31	5765.5	58	5792.5	85	5819.5
5	5739.5	32	5766.5	59	5793.5	86	5820.5
6	5740.5	33	5767.5	60	5794.5	87	5821.5
7	5741.5	34	5768.5	61	5795.5	88	5822.5
8	5742.5	35	5769.5	62	5796.5	89	5823.5
9	5743.5	36	5770.5	63	5797.5	90	5824.5
10	5744.5	37	5771.5	64	5798.5	91	5825.5
11	5745.5	38	5772.5	65	5799.5	92	5826.5
12	5746.5	39	5773.5	66	5800.5	93	5827.5
13	5747.5	40	5774.5	67	5801.5	94	5828.5
14	5748.5	41	5775.5	68	5802.5	95	5829.5
15	5749.5	42	5776.5	69	5803.5	96	5830.5
16	5750.5	43	5777.5	70	5804.5	97	5831.5
17	5751.5	44	5778.5	71	5805.5	98	5832.5
18	5752.5	45	5779.5	72	5806.5	99	5833.5
19	5753.5	46	5780.5	73	5807.5	100	5834.5
20	5754.5	47	5781.5	74	5808.5	101	5835.5
21	5755.5	48	5782.5	75	5809.5	102	5836.5
22	5756.5	49	5783.5	76	5810.5	103	5837.5
23	5757.5	50	5784.5	77	5811.5	104	5838.5
24	5758.5	51	5785.5	78	5812.5	105	5839.5
25	5759.5	52	5786.5	79	5813.5	/	/
26	5760.5	53	5787.5	80	5814.5	/	/
27	5761.5	54	5788.5	81	5815.5	/	/

5.8 GHz 40 MHz Bandwidth							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5745.5	23	5767.5	45	5789.5	67	5811.5
2	5746.5	24	5768.5	46	5790.5	68	5812.5
3	5747.5	25	5769.5	47	5791.5	69	5813.5
4	5748.5	26	5770.5	48	5792.5	70	5814.5
5	5749.5	27	5771.5	49	5793.5	71	5815.5
6	5750.5	28	5772.5	50	5794.5	72	5816.5
7	5751.5	29	5773.5	51	5795.5	73	5817.5
8	5752.5	30	5774.5	52	5796.5	74	5818.5
9	5753.5	31	5775.5	53	5797.5	75	5819.5
10	5754.5	32	5776.5	54	5798.5	76	5820.5
11	5755.5	33	5777.5	55	5799.5	77	5821.5
12	5756.5	34	5778.5	56	5800.5	78	5822.5
13	5757.5	35	5779.5	57	5801.5	79	5823.5
14	5758.5	36	5780.5	58	5802.5	80	5824.5
15	5759.5	37	5781.5	59	5803.5	81	5825.5
16	5760.5	38	5782.5	60	5804.5	82	5826.5
17	5761.5	39	5783.5	61	5805.5	83	5827.5
18	5762.5	40	5784.5	62	5806.5	84	5828.5
19	5763.5	41	5785.5	63	5807.5	85	5829.5
20	5764.5	42	5786.5	64	5808.5	/	/
21	5765.5	43	5787.5	65	5809.5	/	/
22	5766.5	44	5788.5	66	5810.5	/	/

5.3. MAXIMUM POWER

SRD 5GHz	Frequency (MHz)	Maximum Average Conducted Power (dBm)
1.4 MHz Mode	5725 ~ 5850	28.41
3 MHz Mode		28.33
10 MHz Mode		28.01
20 MHz Mode		28.23
40 MHz Mode		26.50

5.4. TEST CHANNEL CONFIGURATION

SRD 5 GHz	Test Channel Number	Frequency
5.8G 1.4 MHz Mode	CH 1(Low Channel), CH 61(MID Channel), CH 120(High Channel)	5728.5 MHz, 5788.5 MHz, 5848.12 MHz
5.8G 3 MHz Mode	CH 1(Low Channel), CH 41(MID Channel), CH 80(High Channel)	5727.5 MHz, 5787.5 MHz, 5847.2 MHz
5.8G 10 MHz Mode	CH 1(Low Channel), CH 58(MID Channel), CH 115(High Channel)	5730.5 MHz, 5787.5 MHz, 5844.5 MHz
5.8G 20 MHz Mode	CH 1(Low Channel), CH 53(MID Channel), CH 105(High Channel)	5735.5 MHz, 5787.5 MHz, 5839.5 MHz
5.8G 40 MHz Mode	CH 1(Low Channel), CH 43(MID Channel), CH 85(High Channel)	5745.5 MHz, 5787.5 MHz, 5829.5 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 5727.5 ~ 5848.12 MHz Band		
Test Software		Set up
Modulation Mode	Transmit Antenna Number	Test Software setting value
		NCB: 1.4 MHz/3 MHz/10 MHz/20 MHz/40 MHz
		All Channels
All	All	Default

5.6. WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

- SRD 5.8G-1.4 MHz Mode/QPSK
- SRD 5.8G-3 MHz Mode/QPSK
- SRD 5.8G-10 MHz Mode/QPSK
- SRD 5.8G-20 MHz Mode/QPSK
- SRD 5.8G-40 MHz Mode/QPSK

The EUT has 4 separate antennas which correspond to 4 separate antennas: antenna 0, antenna 1, antenna 2, antenna 3 respectively. Antenna 0,1,2,3 support SRD. The EUT support 1TX4RX and 2TX4RX mode. 1TX4RX and 2TX4RX have the same power setting, so only the worst data for 2TX4RX mode were recorded in the report. For 2T4R mode, antenna 0 and antenna 1 used as transmit antennas and all the 4 antennas can use as receive antennas.

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

Radiated emissions tests were performed with the MIMO modes. These were found to be the worst modulation scheme with regards to emissions after preliminary investigations and, as this mode emits the highest conducted output power level, it was deemed to be the worst case.

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)
0	5725 ~ 5850	Dipole Antenna	3.5
1	5725 ~ 5850	Dipole Antenna	4
2	5725 ~ 5850	Dipole Antenna	4.5
3	5725 ~ 5850	Dipole Antenna	3.5

The EUT support Space Time Coding(STBC) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the STBC results the Directional Gain was calculated in accordance with the following method.

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT] \text{ dBi}$$

$$\text{Directional gain(ANT0 \& ANT1)} = 3.76 \text{ dBi}$$

Test Mode	Transmit and Receive Mode	Description
1.4 MHz Mode	☒ 2TX, 4RX	ANT 0,1 can be used as transmitting antenna. ANT 0,1, 2, 3 can be used as receiving antenna.
3 MHz Mode	☒ 2TX, 4RX	ANT 0,1 can be used as transmitting antenna. ANT 0,1, 2, 3 can be used as receiving antenna.
10 MHz Mode	☒ 2TX, 4RX	ANT 0,1 can be used as transmitting antenna. ANT 0,1, 2, 3 can be used as receiving antenna.
20 MHz Mode	☒ 2TX, 4RX	ANT 0,1 can be used as transmitting antenna. ANT 0,1, 2, 3 can be used as receiving antenna.
40 MHz Mode	☒ 2TX, 4RX	ANT 0,1 can be used as transmitting antenna. ANT 0,1, 2, 3 can be used as receiving antenna.

Note: WLAN 2.4G & SRD 2.4G, WLAN 5.8G & SRD 5.8G, BT & SRD 2.4G & WLAN 2.4G, BT & SRD 5.8G & WLAN 5.8G, BT & SRD 2.4G & WLAN 5.1G, WLAN 5.1G & SRD 5.8G can transmit simultaneously. (declared by client)

5.8. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remark
1	PC	Lenovo	E42-80	/
2	AC Adaptor	Lenovo	ADLX65YCC3D	Input: AC 100-240V, 1.8A, 50-60Hz Output: DC 20V, 3.25A, 65.0W Max

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	/	/	1.0	/

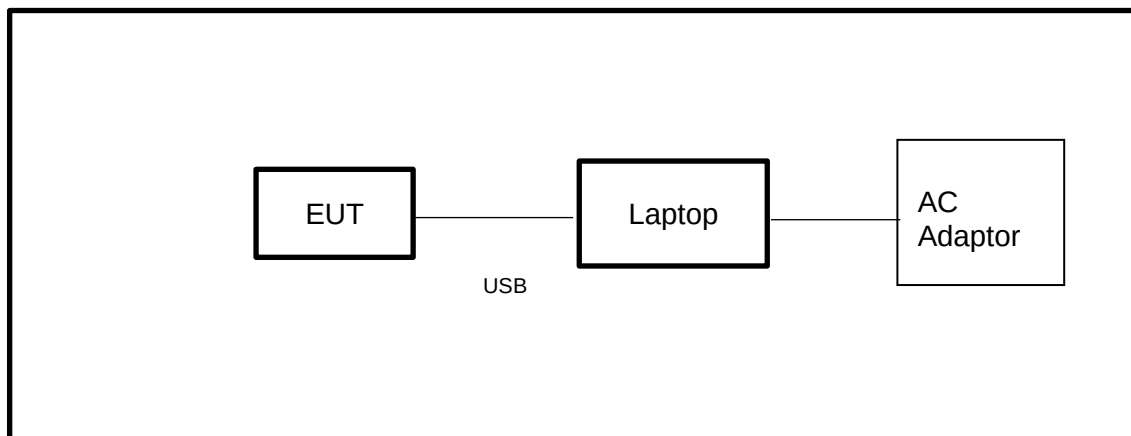
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

The EUT can work in engineering mode with a software through a Laptop.

SETUP DIAGRAM FOR TESTS



Note: AC Adaptor only use for AC POWER LINE CONDUCTED EMISSION test.

6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Dec.27,2024	Dec.26,2025
Vector Signal Generator	R&S	SMBV100A	261637	Sep.28, 2024	Sep.27, 2025
Signal Generator	R&S	SMB100A	178553	Sep.28, 2024	Sep.27, 2025
Signal Analyzer	R&S	FSV40	101118	Sep.28, 2024	Sep.27, 2025
Software					
Description	Manufacturer		Name	Version	
For R&S TS 8997 Test System	Rohde & Schwarz		EMC 32	10.60.10	
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.13, 2024	Sep.12, 2025
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Sep.28, 2024	Sep.27, 2025
DC power supply	Keysight	E3642A	MY55159130	Sep.28, 2024	Sep.27, 2025
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Sep.28, 2024	Sep.27, 2025
Attenuator	Aglient	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025
RF Control Unit	Tonscend	JS0806-2	23B80620666	Dec.27,2024	Dec.26,2025
Software					
Description	Manufacturer	Name		Version	
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System		V3.2.22	

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Sep.28, 2024	Sep.27, 2025
Two-Line V-Network	R&S	ENV216	101983	Sep.28, 2024	Sep.27, 2025
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep.28, 2024	Sep.27, 2025
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep.28, 2024	Sep.27, 2025
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	Sep.28, 2024	Sep.27, 2025
EMI Measurement Receiver	R&S	ESR26	101377	Sep.28, 2024	Sep.27, 2025
Horn Antenna	TDK	HRN-0118	130940	Dec.10, 2024	Dec.11, 2027
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep.28, 2024	Sep.27, 2025
Horn Antenna	Schwarzbeck	BBHA9170	697	Jun 30, 2024	Jun 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep.28, 2024	Sep.27, 2025
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep.28, 2024	Sep.27, 2025
Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Sep.28, 2024	Sep.27, 2025
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Oct.8, 2024	Oct.7, 2025
Barometer	Yiyi	Baro	N/A	Oct.10, 2024	Oct.9, 2025
Attenuator	Agilent	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

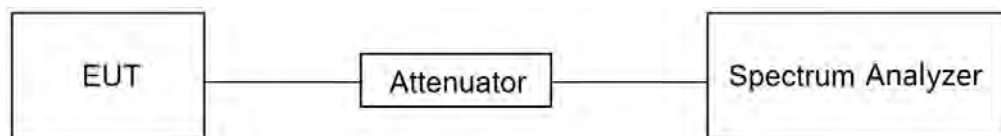
None; for reporting purposes only.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.B.

The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set $RBW \geq EBW$ if possible; otherwise, set RBW to the largest available value. Set $VBW \geq RBW$. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

TEST SETUP



TEST ENVIRONMENT

Temperature	24.2°C	Relative Humidity	58.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 14, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix G

7.2. 6DB AND 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
6 dB Emission Bandwidth	The minimum 6 dB emission bandwidth shall be 500 kHz.	5725 ~ 5850
99 % Occupied Bandwidth	For reporting purposes only.	5725 ~ 5850

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.C2. for 6 dB Emission Bandwidth; section II.D. for 99 % Occupied Bandwidth.

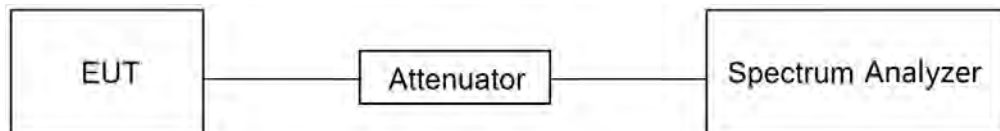
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Emission Bandwidth: RBW=100 kHz For 26 dB Emission bandwidth: approximately 1 % of the EBW. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	For 6 dB Bandwidth: $\geq 3 \times \text{RBW}$ For 26 dB Bandwidth: $> 3 \times \text{RBW}$ For 99 % Bandwidth: $> 3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6/26 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.2°C	Relative Humidity	58.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 14, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix A&B&C

7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

Note:

The above limits are based upon the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

Method PM (Measurement using an RF average power meter):

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:

- The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
- The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

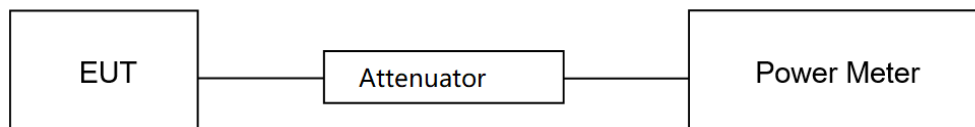
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal as described in II.B.

(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(iv) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25 %).

Note: Method SA-2 was used for straddle channel output power test, and Method PM was used for testing rest channels

TEST SETUP



TEST ENVIRONMENT

Temperature	24.2°C	Relative Humidity	58.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 14, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	30 dBm/500kHz	5725 ~ 5850

Note:

The above limits are based upon the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

Connect the EUT to the spectrum analyzer and use the following settings:

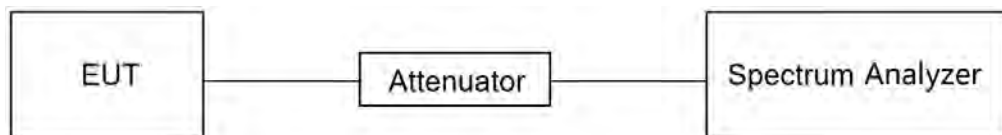
For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

Allow trace to fully stabilize and use the peak search function on the instrument to find the peak of the spectrum and record its value.

Add $10 \log (1/x)$, where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz / 500 kHz reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.2°C	Relative Humidity	58.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 14, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.5. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -10 °C ~ 40 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

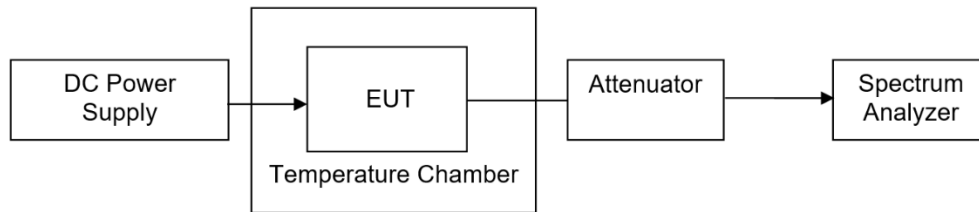
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T _N (Normal Temperature): 25.1 °C	T _L (Low Temperature): -10 °C
		T _H (High Temperature): 40 °C
Supply Voltage	V _N (Normal Voltage): DC 7.2 V	V _L (Low Voltage): DC 6.12 V
		V _H (High Voltage): DC 8.28 V

TEST SETUP**TEST ENVIRONMENT**

Temperature	24.2°C	Relative Humidity	58.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 14, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix F

8. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b).

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

FCC Restricted bands of operation refer to FCC §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b) and ISSED RSS-247 7.3.

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK: -27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK: 105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK: 122.2 (dBμV/m) *4
Note: *1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)

Sweep	Auto
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1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

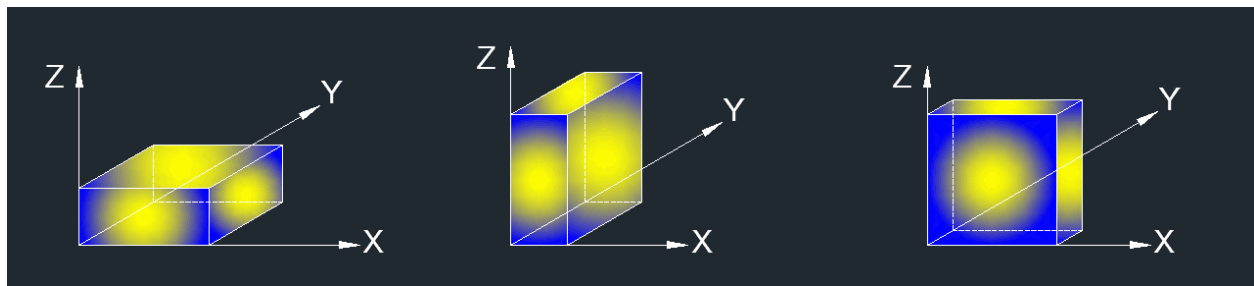
Above 1 GHz

The setting of the spectrum analyzer

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

For Restricted Bandedge:

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (9 kHz ~ 30 MHz):

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. All modes have been tested, but only the worst data was recorded in the report.
5. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}[120\pi] = \text{dBuV/m} - 51.5$

For Radiate Spurious Emission (30 MHz ~ 1 GHz):

Note:

1. Result Level = Read Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (1 GHz ~ 7 GHz):

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (7 GHz ~ 18 GHz):

Note:

1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (18 GHz ~ 26 GHz):

Note:

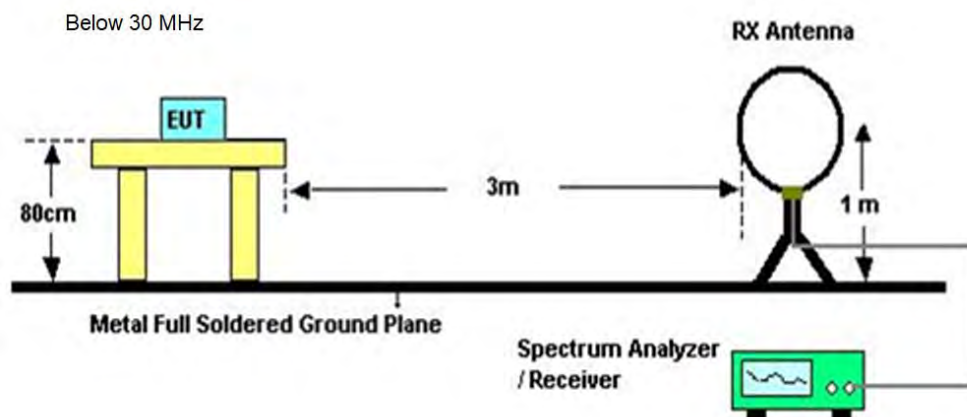
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (26 GHz ~ 40 GHz):

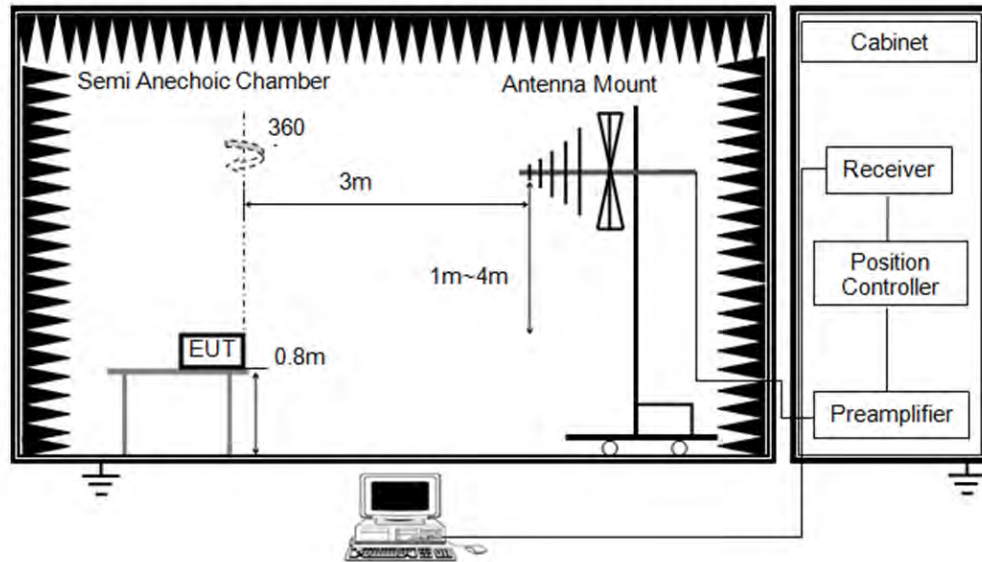
Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

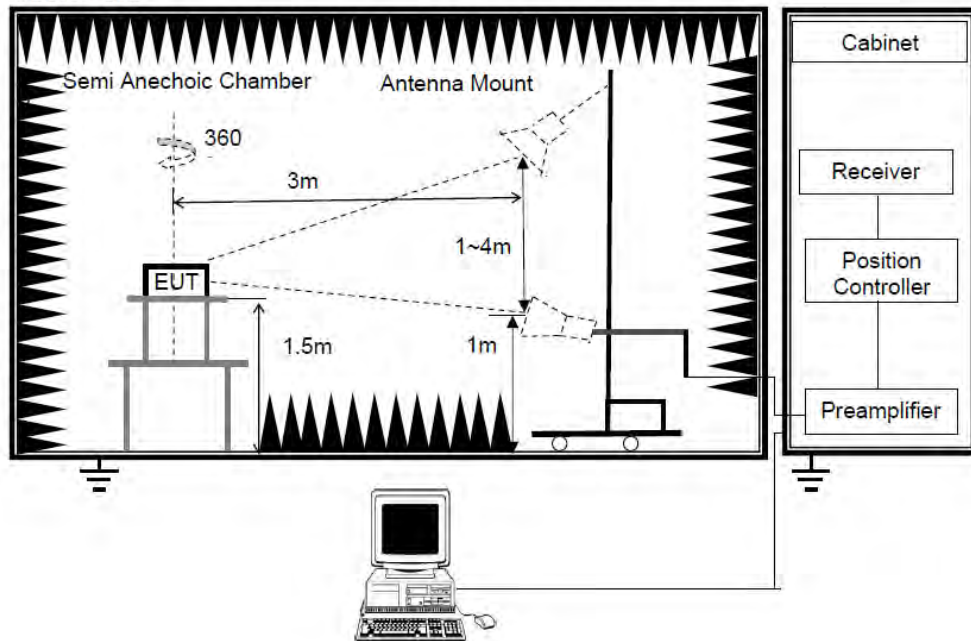
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	23.5℃	Relative Humidity	60.1%
Atmosphere Pressure	101kPa	Test Voltage	

TEST DATE / ENGINEER

Test Date	September 8, 2025	Test By	Stipe Zheng
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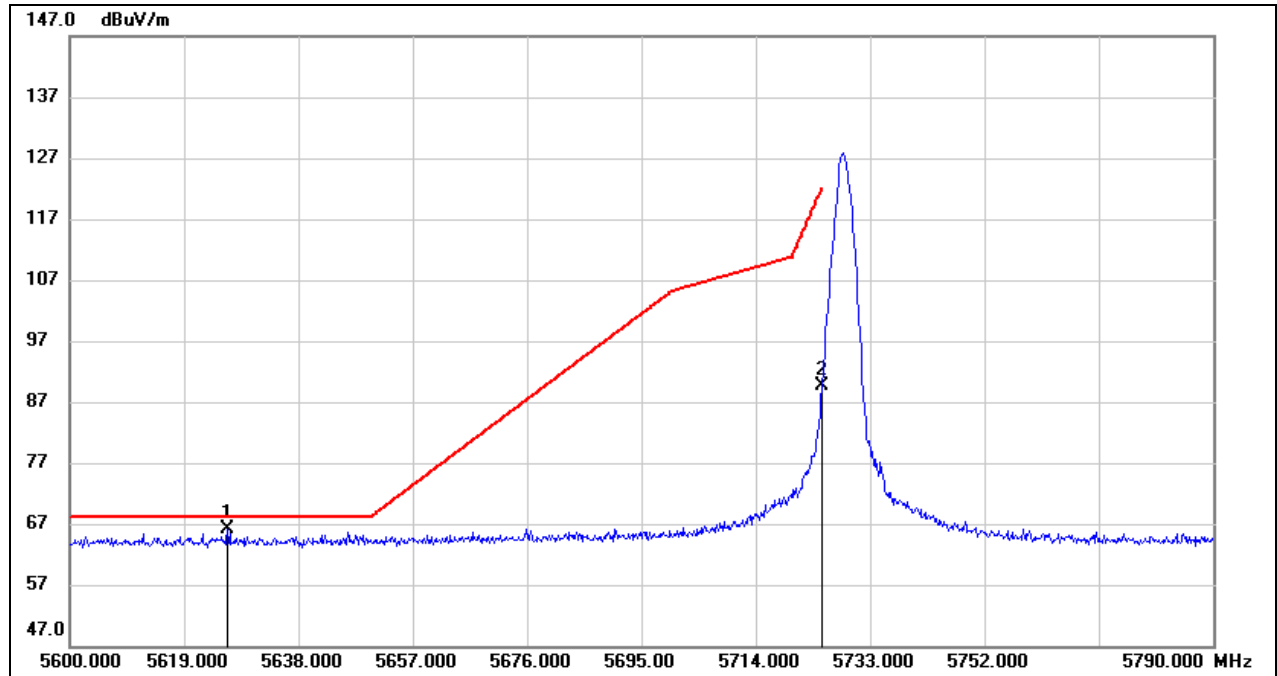
TEST RESULTS

General note:

- the SRD antennas are a pair of swivelling and rotated, the antennas are manipulated through typical positions and lengths during exploratory testing to maximize emission levels.

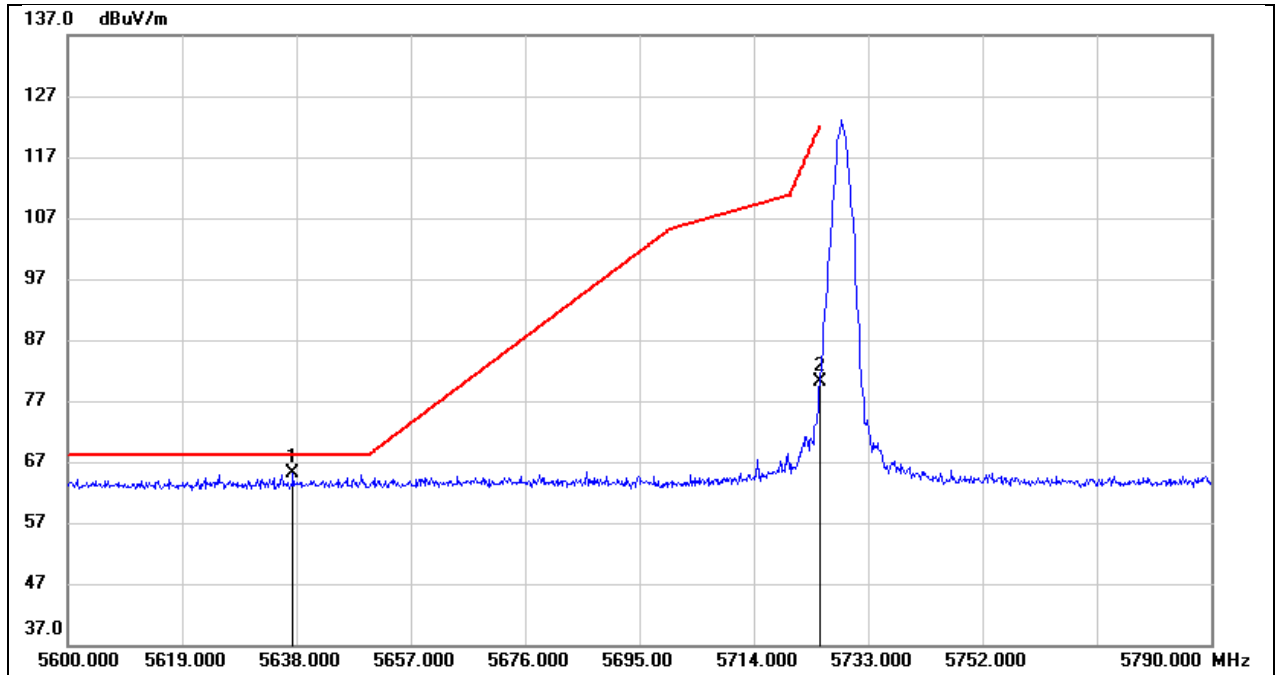
8.1. RESTRICTED BANDEDGE

Test Mode:	SRD 5G 1.4M PK	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



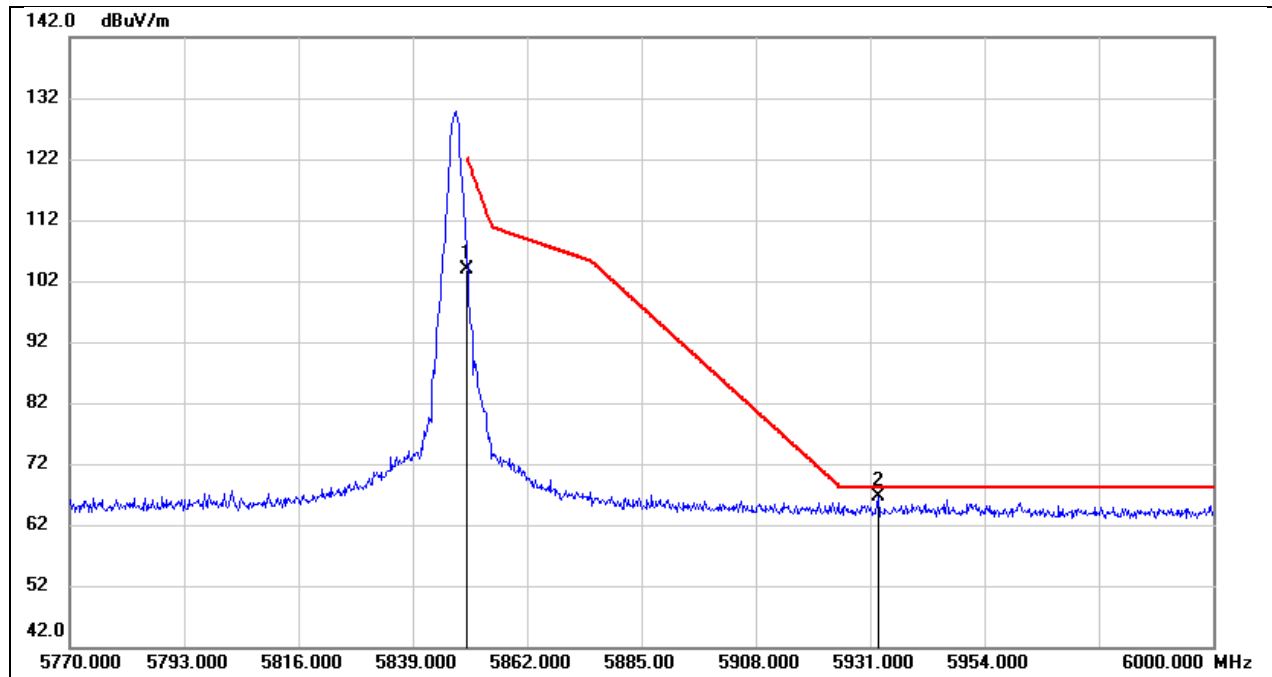
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.220	20.20	45.84	66.04	68.20	-2.16	peak
2	5725.000	43.75	45.94	89.69	122.20	-32.51	peak

Test Mode:	SRD 5G 1.4M PK	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



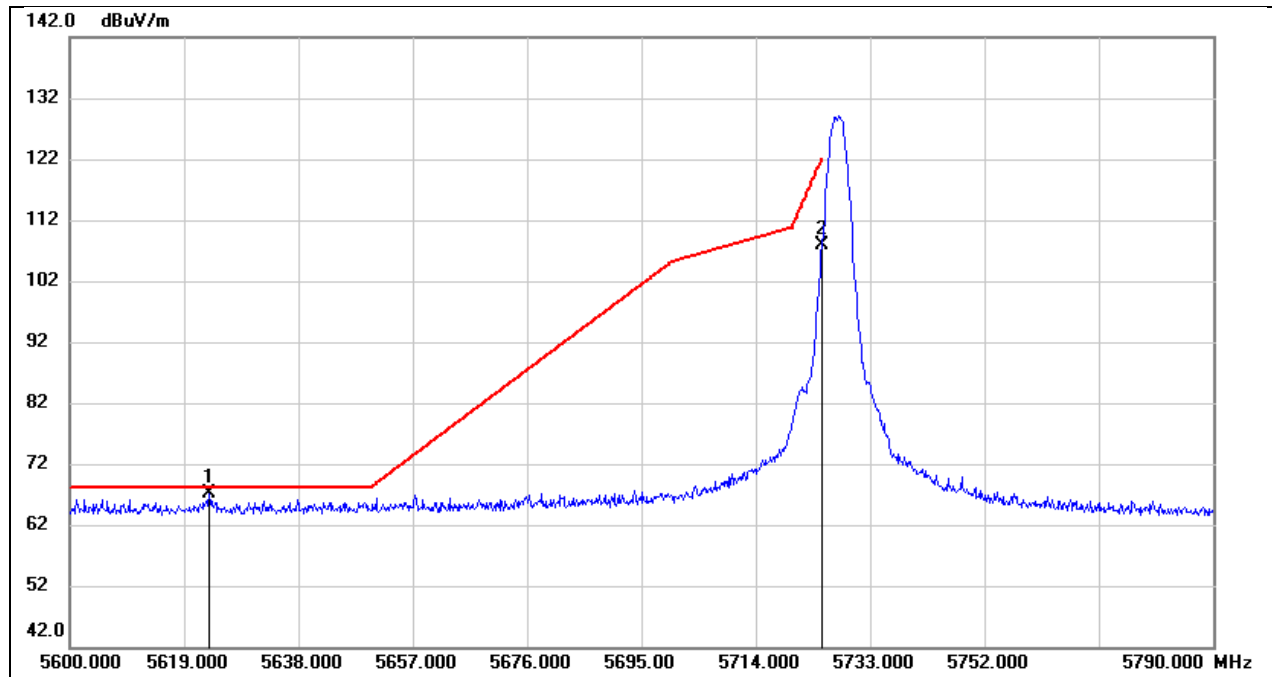
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.430	19.40	45.85	65.25	68.20	-2.95	peak
2	5725.000	34.21	45.94	80.15	122.20	-42.05	peak

Test Mode:	SRD 5G 1.4M PK	Frequency(MHz):	5848.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



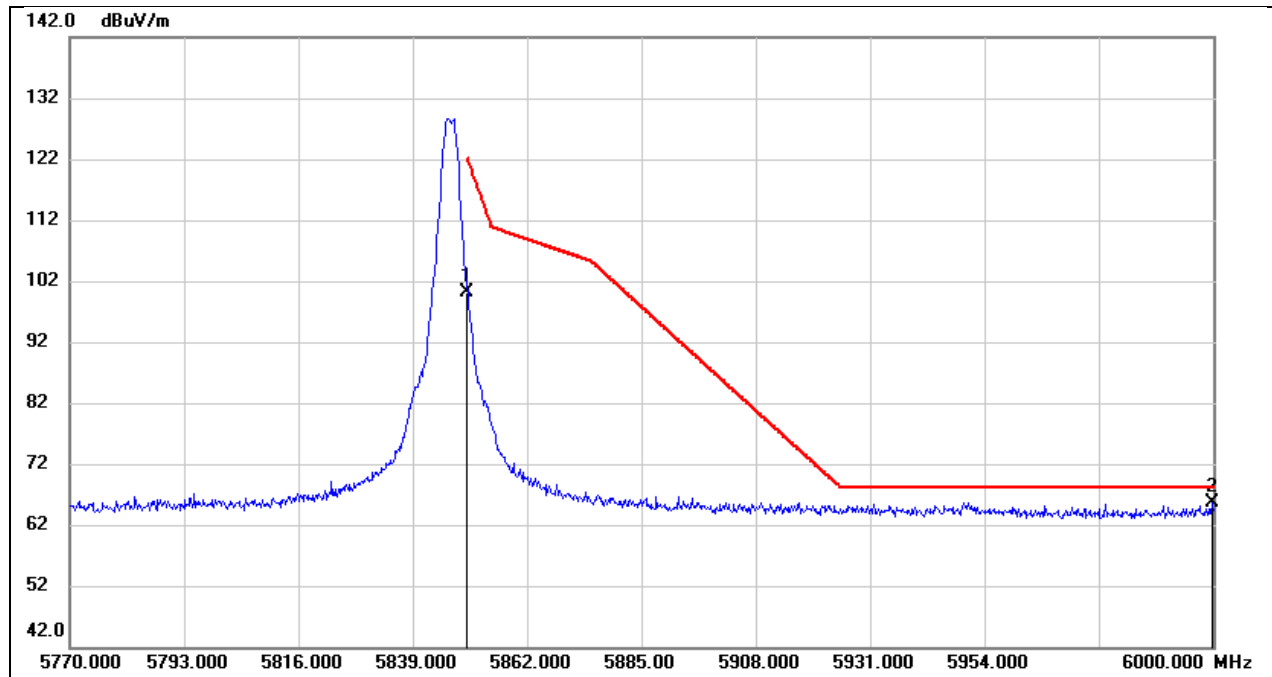
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	63.76	40.13	103.89	122.20	-18.31	peak
2	5932.610	26.27	40.31	66.58	68.20	-1.62	peak

Test Mode:	SRD 5G 3M PK	Frequency(MHz):	5727.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



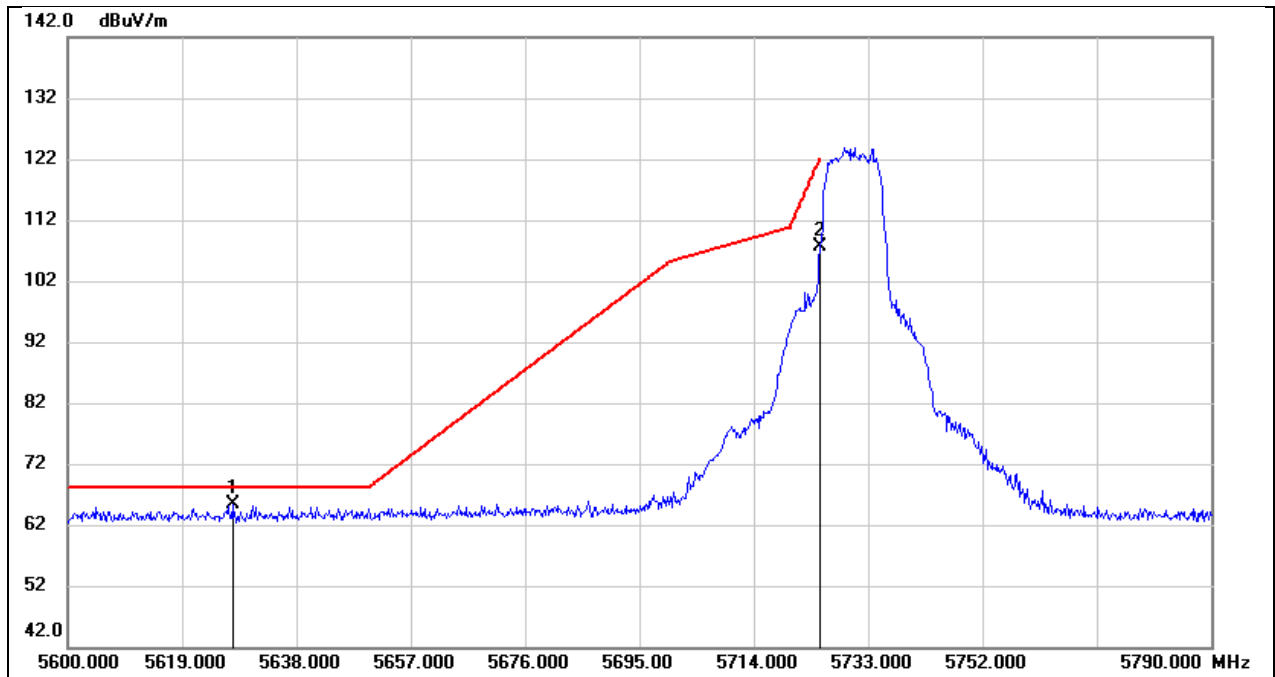
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.180	27.37	39.83	67.20	68.20	-1.00	peak
2	5725.000	68.02	39.94	107.96	122.20	-14.24	peak

Test Mode:	SRD 5G 3M PK	Frequency(MHz):	5847.2
Polarity:	Horizontal	Test Voltage:	DC 7.2V



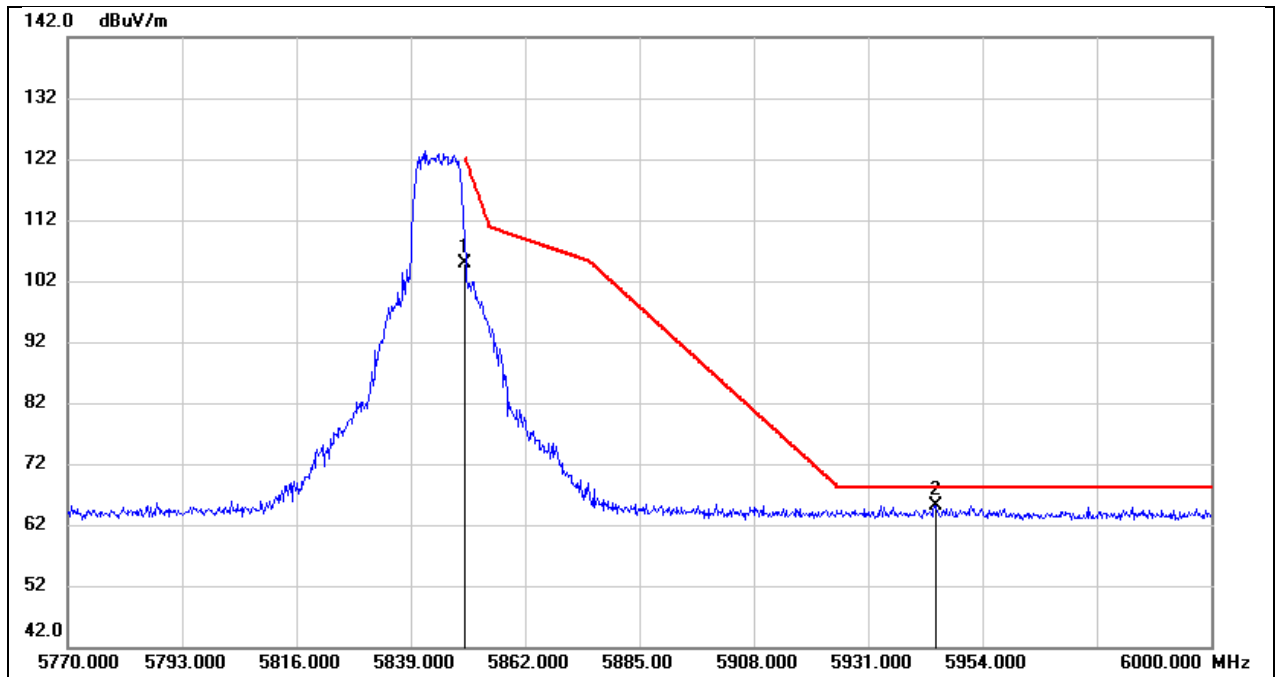
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	59.98	40.13	100.11	122.20	-22.09	peak
2	5999.770	25.25	40.45	65.70	68.20	-2.50	peak

Test Mode:	SRD 5G 10M PK	Frequency(MHz):	5730.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



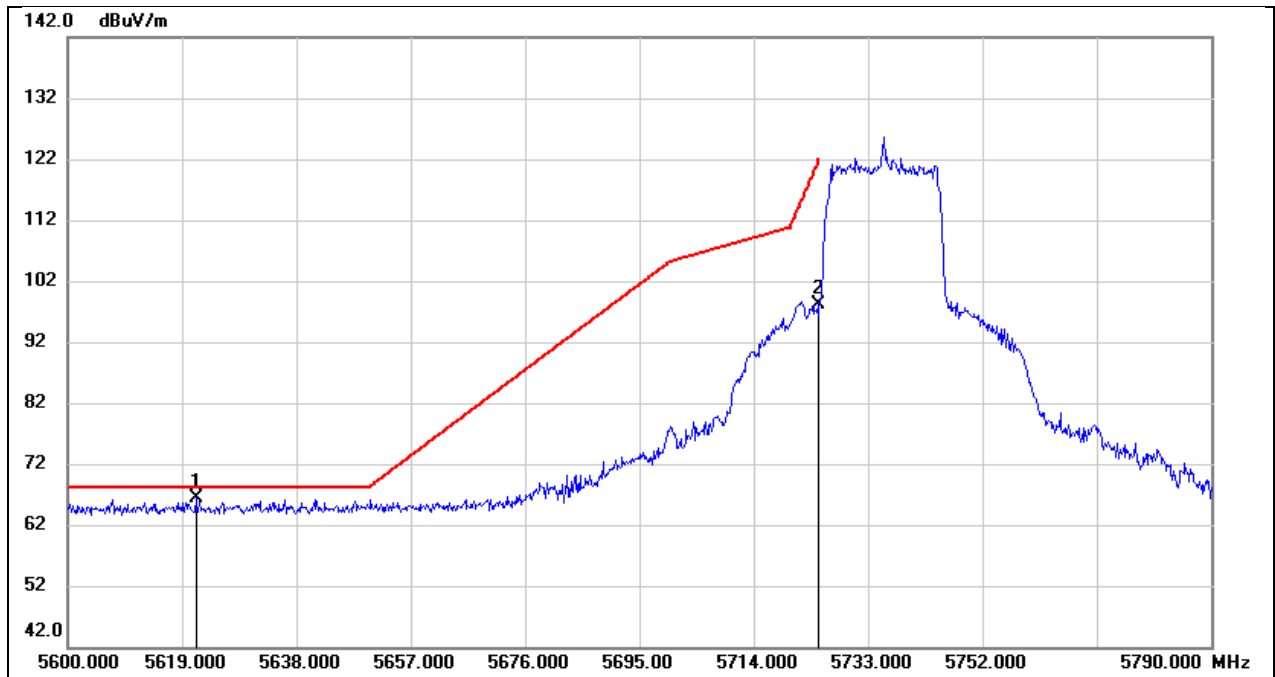
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5627.360	25.43	39.84	65.27	68.20	-2.93	peak
2	5725.000	67.62	39.94	107.56	122.20	-14.64	peak

Test Mode:	SRD 5G 10M PK	Frequency(MHz):	5844.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



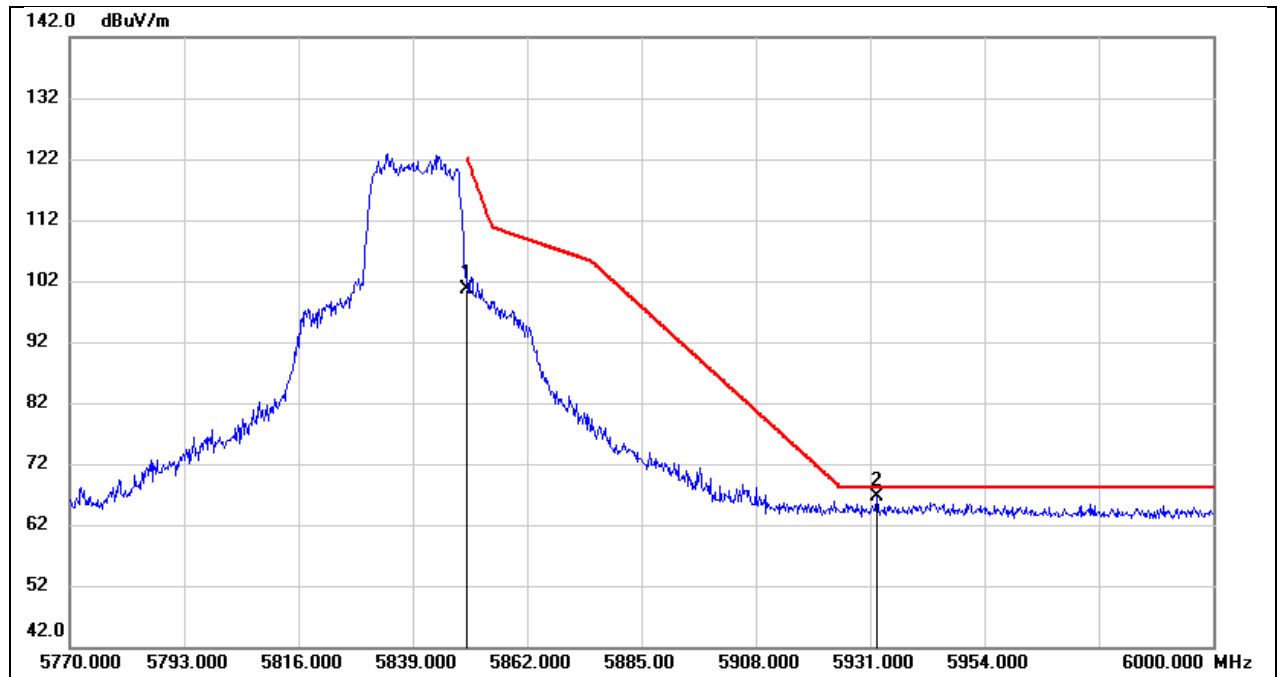
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	64.71	40.13	104.84	122.20	-17.36	peak
2	5944.570	24.82	40.33	65.15	68.20	-3.05	peak

Test Mode:	SRD 5G 20M PK	Frequency(MHz):	5735.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



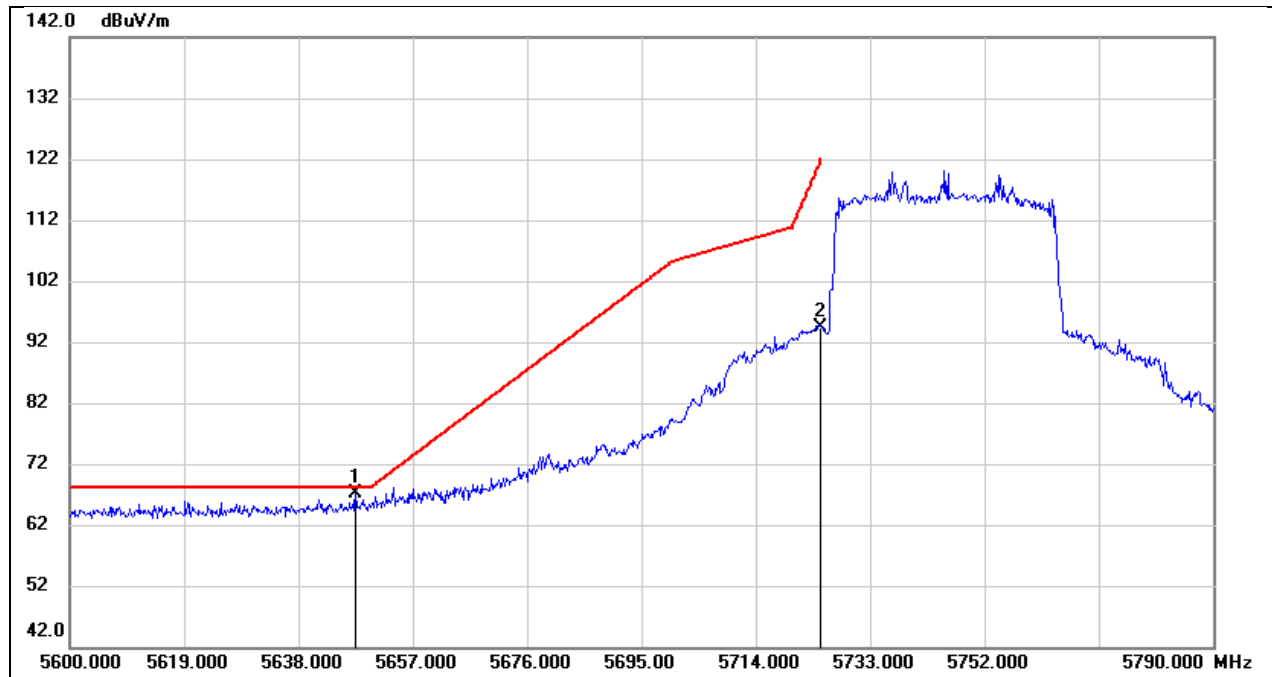
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.280	26.66	39.83	66.49	68.20	-1.71	peak
2	5725.000	58.16	39.94	98.10	122.20	-24.10	peak

Test Mode:	SRD 5G 20M PK	Frequency(MHz):	5839.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



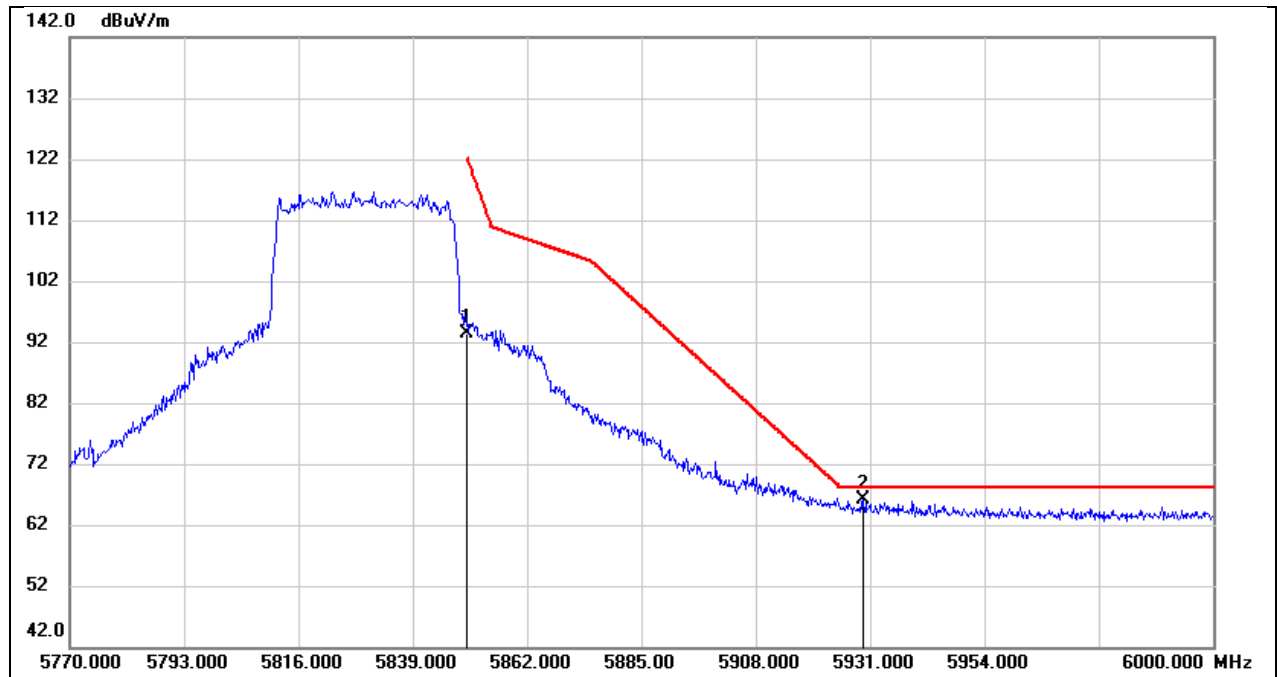
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	60.55	40.13	100.68	122.20	-21.52	peak
2	5932.380	26.35	40.31	66.66	68.20	-1.54	peak

Test Mode:	SRD 5G 40M PK	Frequency(MHz):	5745.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.500	27.15	39.86	67.01	68.20	-1.19	peak
2	5725.000	54.34	39.94	94.28	122.20	-27.92	peak

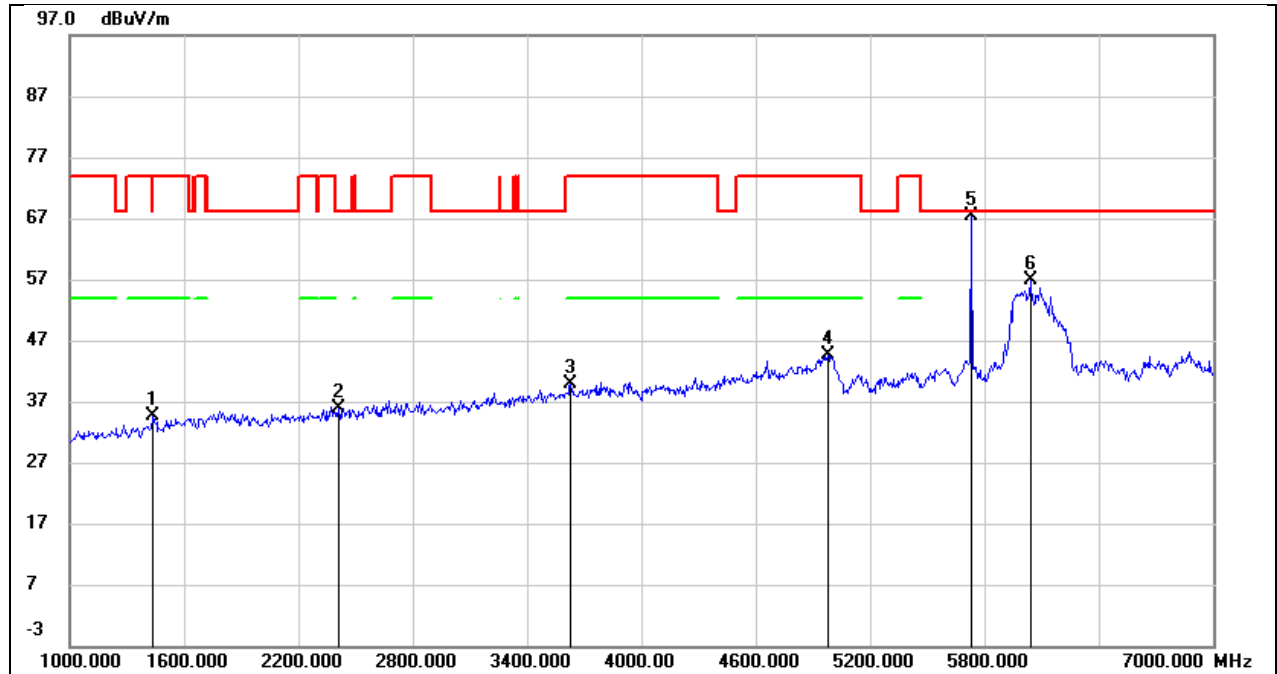
Test Mode:	SRD 5G 40M PK	Frequency(MHz):	5829.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	53.15	40.13	93.28	122.20	-28.92	peak
2	5929.620	25.85	40.30	66.15	68.20	-2.05	peak

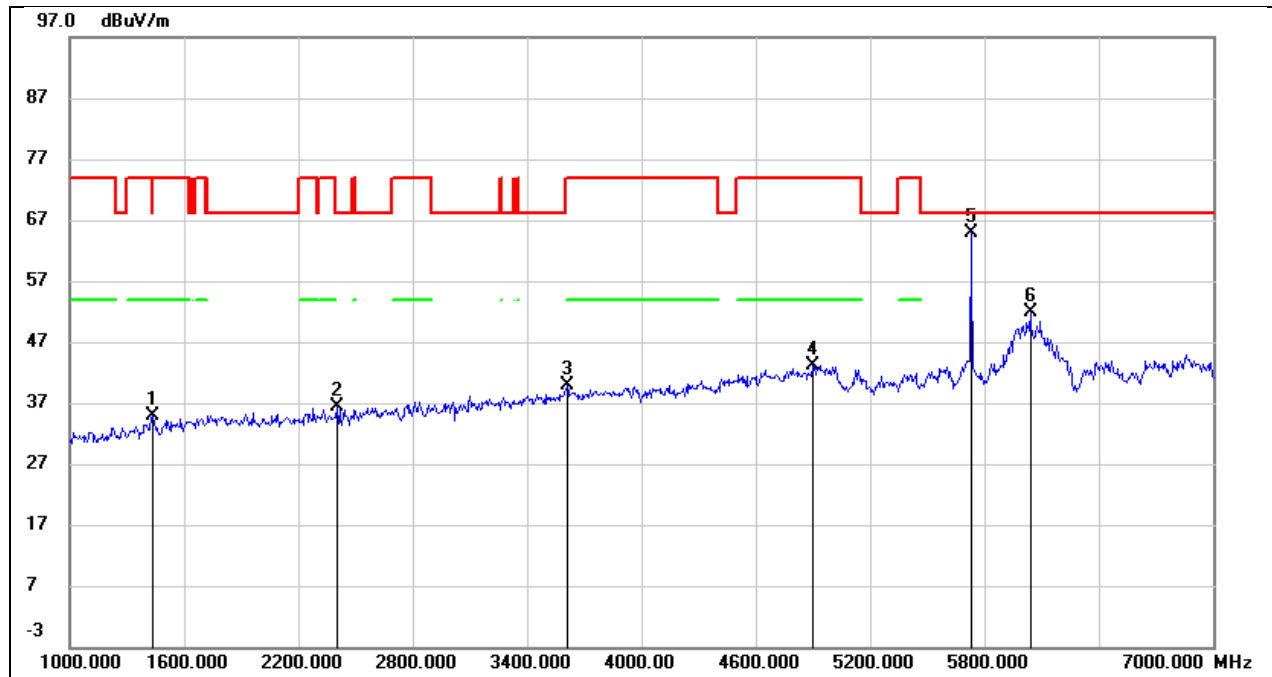
8.2. SPURIOUS EMISSIONS(1 GHZ~7 GHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



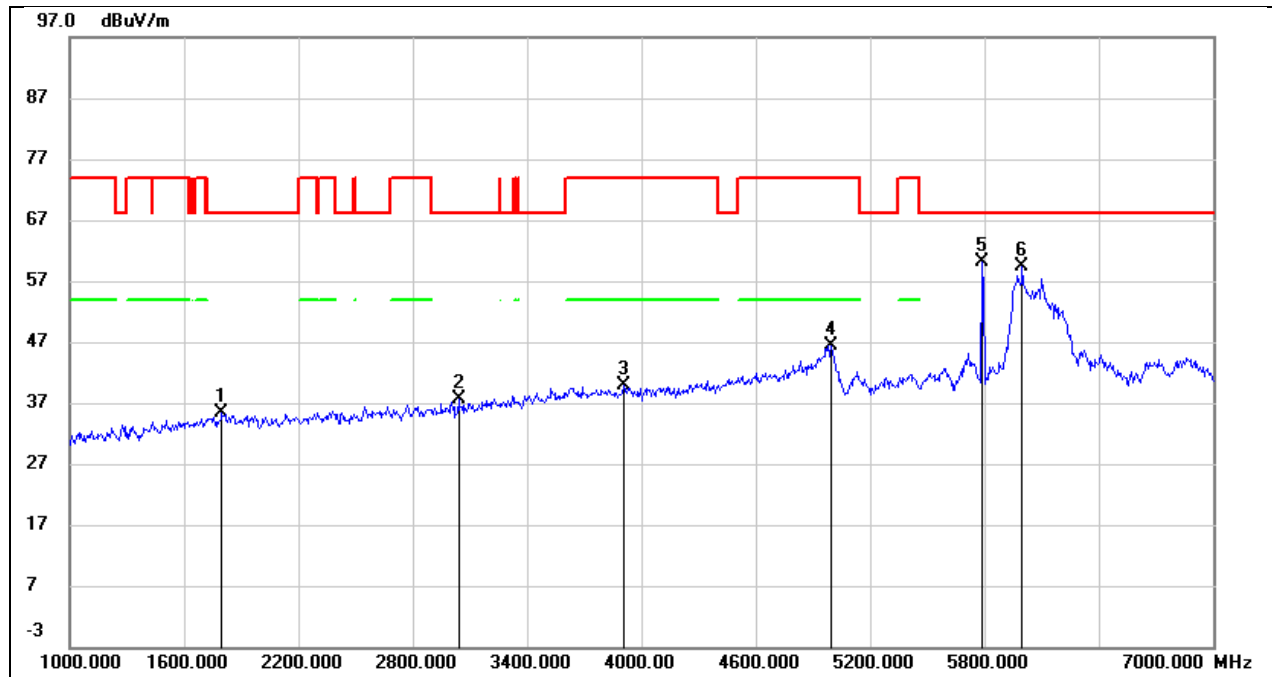
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1438.000	46.92	-12.22	34.70	74.00	-39.30	peak
2	2410.000	44.37	-8.59	35.78	68.20	-32.42	peak
3	3628.000	43.26	-3.26	40.00	74.00	-34.00	peak
4	4978.000	42.83	1.79	44.62	74.00	-29.38	peak
5	5728.500	63.39	4.05	67.44	/	/	fundamental
6	6040.000	51.29	5.60	56.89	68.20	-11.31	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



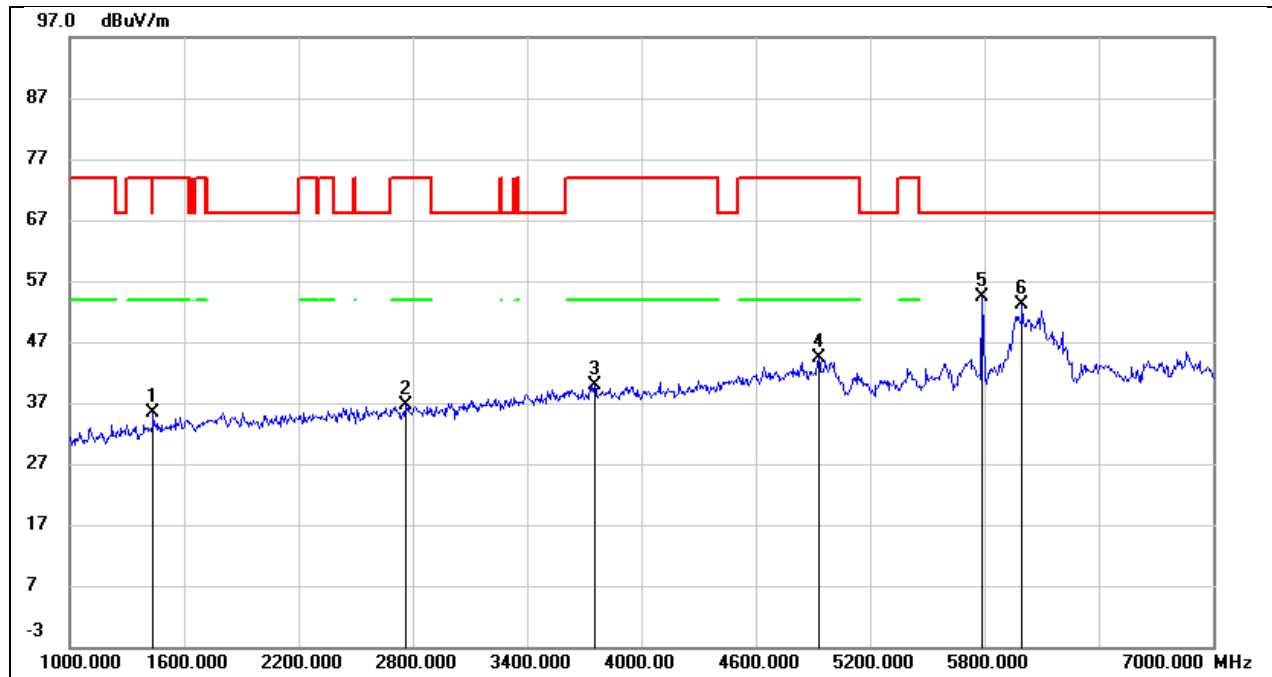
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1432.000	47.04	-12.26	34.78	68.20	-33.42	peak
2	2404.000	44.89	-8.62	36.27	68.20	-31.93	peak
3	3610.000	43.26	-3.29	39.97	74.00	-34.03	peak
4	4900.000	41.70	1.44	43.14	74.00	-30.86	peak
5	5728.500	60.81	4.05	64.86	/	/	fundamental
6	6040.000	46.39	5.60	51.99	68.20	-16.21	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5788.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



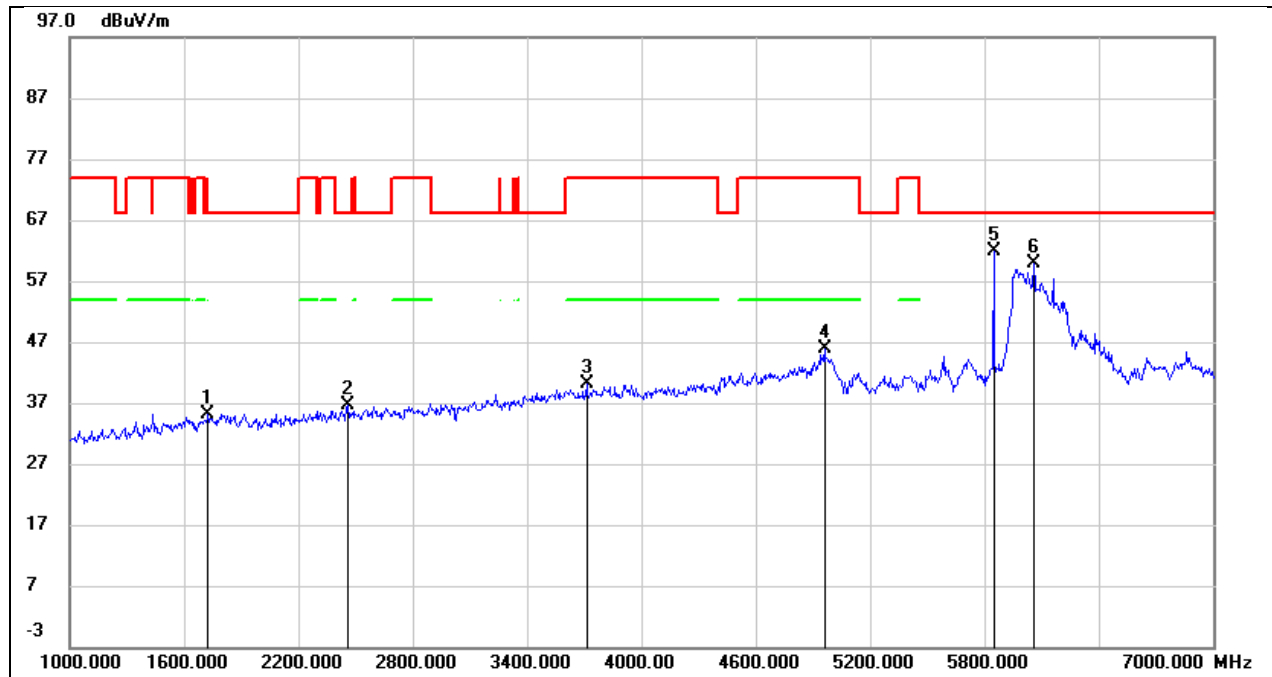
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1798.000	45.58	-10.09	35.49	68.20	-32.71	peak
2	3040.000	43.70	-6.01	37.69	68.20	-30.51	peak
3	3910.000	42.62	-2.67	39.95	74.00	-34.05	peak
4	4996.000	44.48	1.88	46.36	74.00	-27.64	peak
5	5788.500	55.81	4.30	60.11	/	/	fundamental
6	5998.000	53.91	5.42	59.33	68.20	-8.87	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5788.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



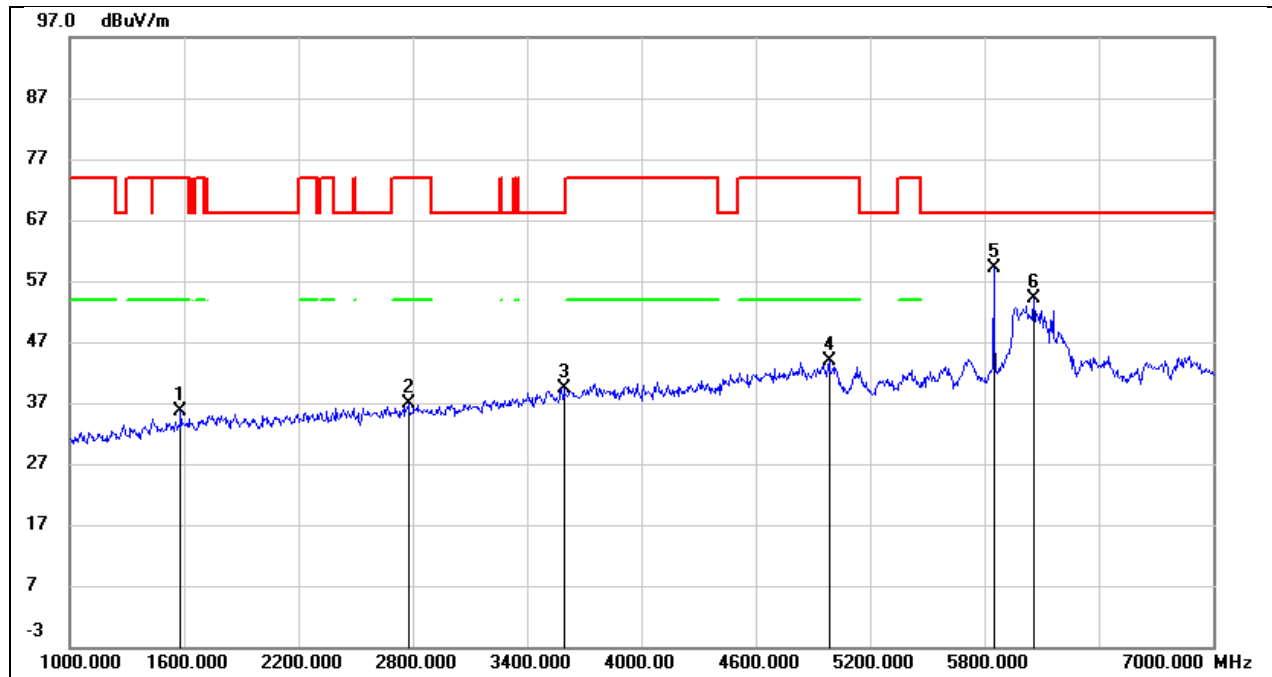
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1438.000	47.48	-12.22	35.26	74.00	-38.74	peak
2	2764.000	43.73	-7.18	36.55	74.00	-37.45	peak
3	3754.000	42.80	-2.96	39.84	74.00	-34.16	peak
4	4930.000	42.74	1.58	44.32	74.00	-29.68	peak
5	5788.500	49.98	4.30	54.28	/	/	fundamental
6	5998.000	47.60	5.42	53.02	68.20	-15.18	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5848.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1726.000	45.67	-10.57	35.10	68.20	-33.10	peak
2	2458.000	45.00	-8.39	36.61	68.20	-31.59	peak
3	3712.000	43.24	-3.06	40.18	74.00	-33.82	peak
4	4960.000	44.09	1.72	45.81	74.00	-28.19	peak
5	5848.120	57.26	4.61	61.87	/	/	fundamental
6	6058.000	54.21	5.67	59.88	68.20	-8.32	peak

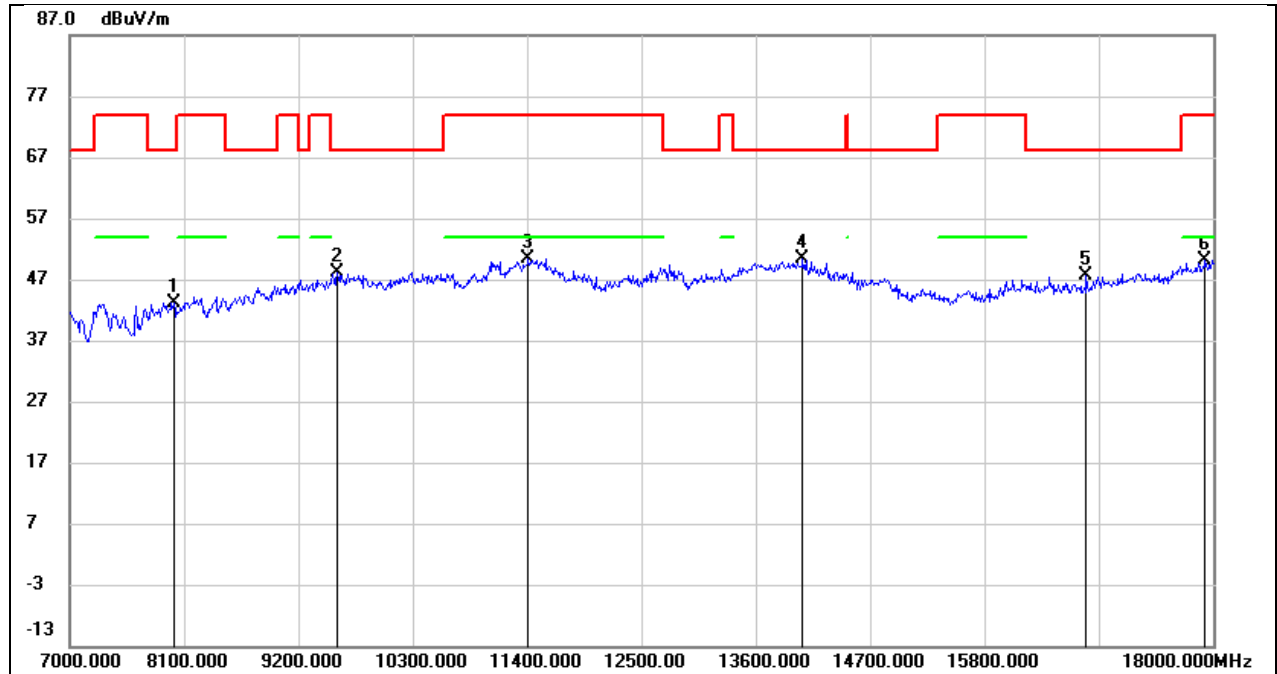
Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5848.12
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1582.000	47.09	-11.50	35.59	74.00	-38.41	peak
2	2776.000	44.08	-7.12	36.96	74.00	-37.04	peak
3	3592.000	42.79	-3.34	39.45	68.20	-28.75	peak
4	4984.000	42.01	1.82	43.83	74.00	-30.17	peak
5	5848.120	54.57	4.61	59.18	/	/	fundamental
6	6058.000	48.41	5.67	54.08	68.20	-14.12	peak

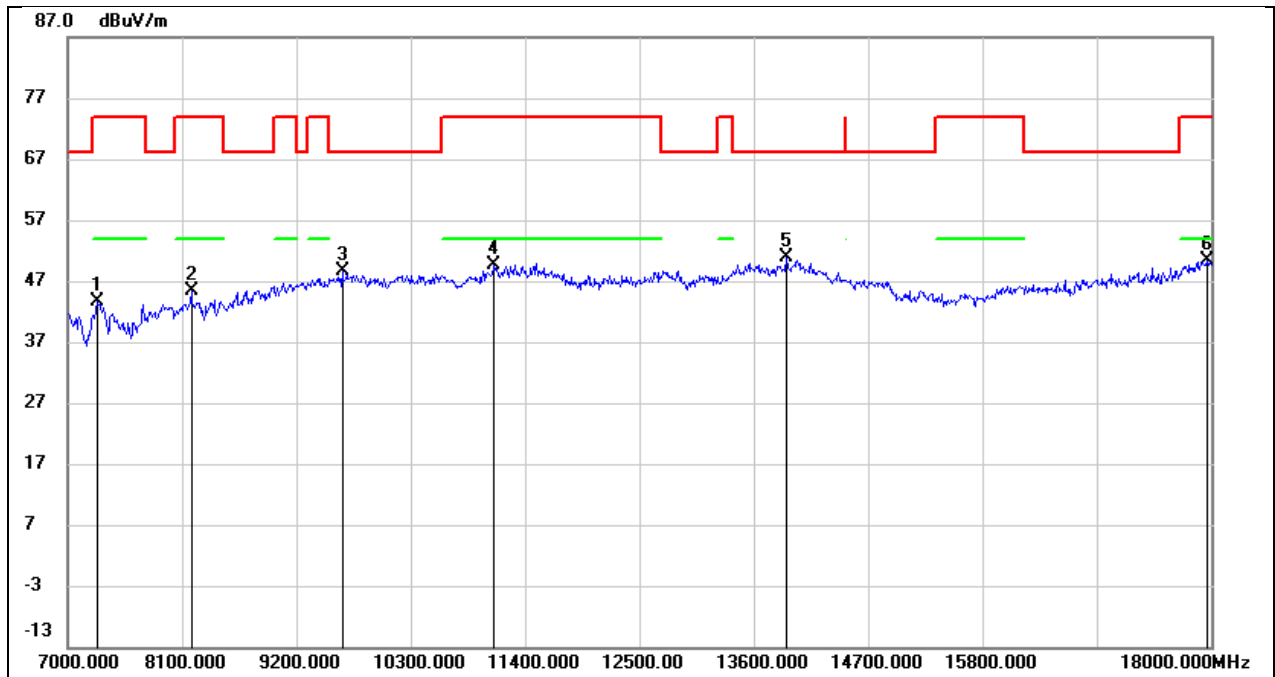
8.3. SPURIOUS EMISSIONS(7 GHZ~18 GHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



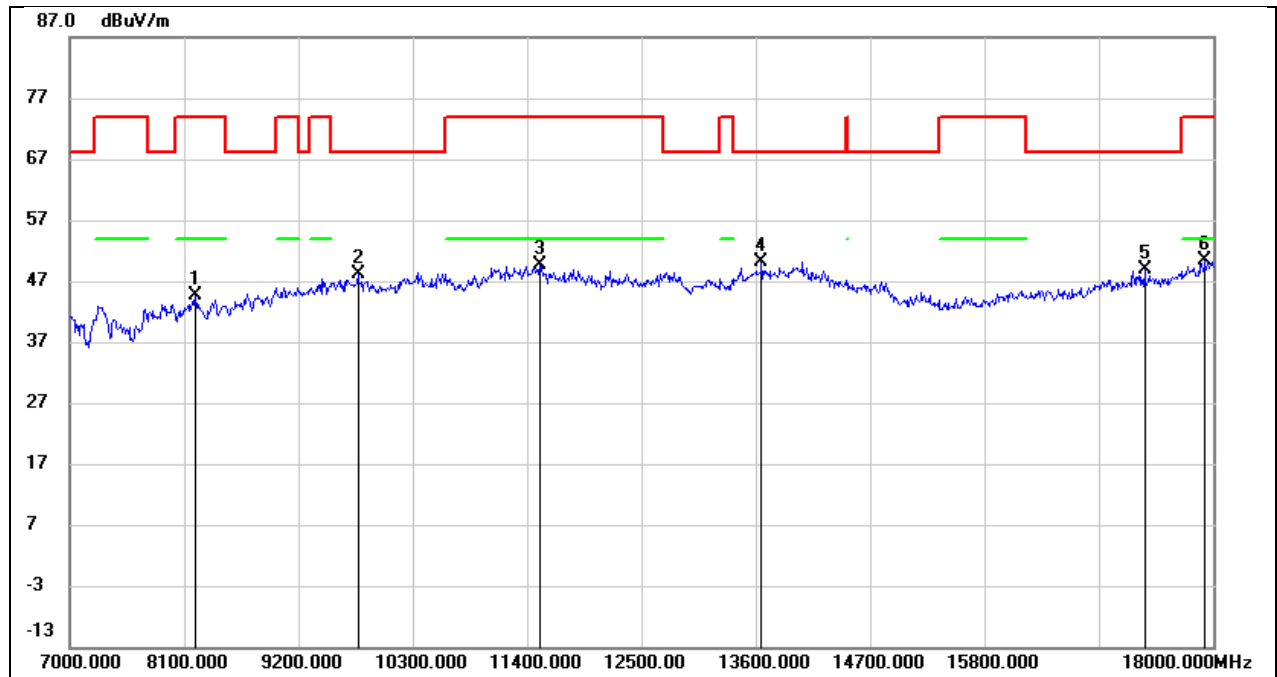
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8001.000	35.03	8.17	43.20	68.20	-25.00	peak
2	9574.000	35.02	13.13	48.15	68.20	-20.05	peak
3	11411.000	33.23	17.24	50.47	74.00	-23.53	peak
4	14051.000	26.72	23.66	50.38	68.20	-17.82	peak
5	16779.000	25.75	21.94	47.69	68.20	-20.51	peak
6	17923.000	22.33	27.79	50.12	74.00	-23.88	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



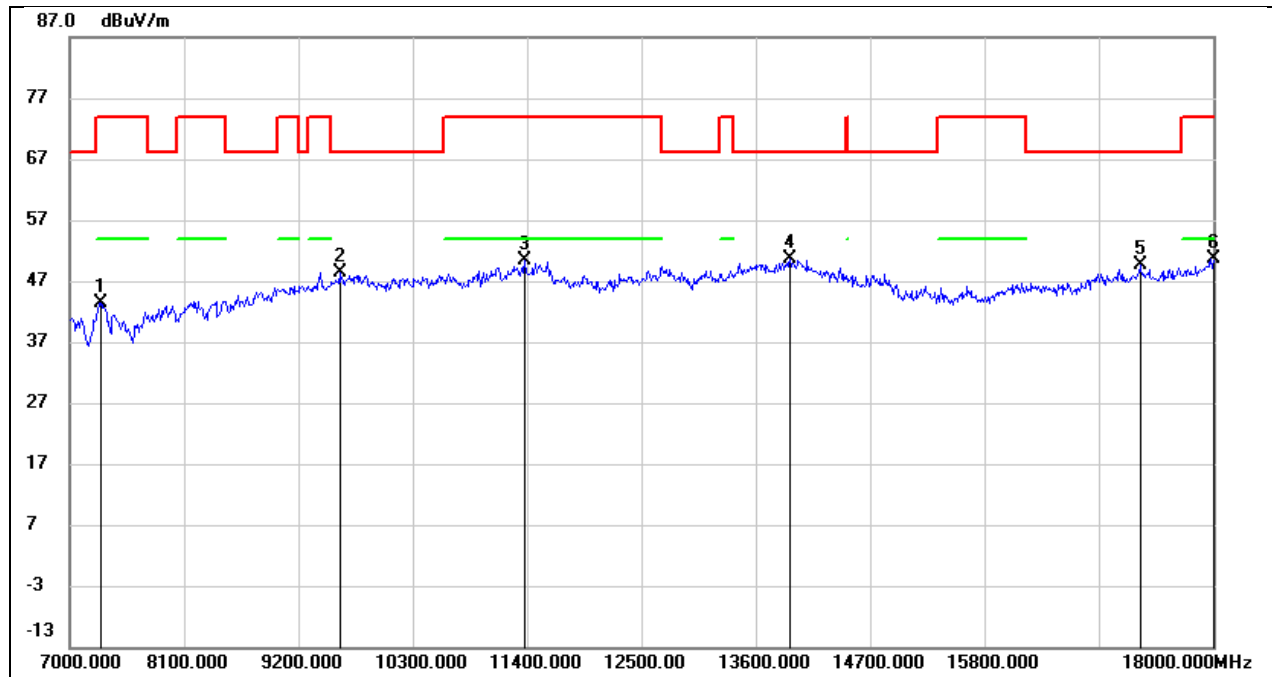
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	36.07	7.49	43.56	74.00	-30.44	peak
2	8188.000	36.96	8.40	45.36	74.00	-28.64	peak
3	9640.000	35.33	13.36	48.69	68.20	-19.51	peak
4	11103.000	33.87	15.88	49.75	74.00	-24.25	peak
5	13919.000	27.29	23.60	50.89	68.20	-17.31	peak
6	17956.000	22.28	28.10	50.38	74.00	-23.62	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5788.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



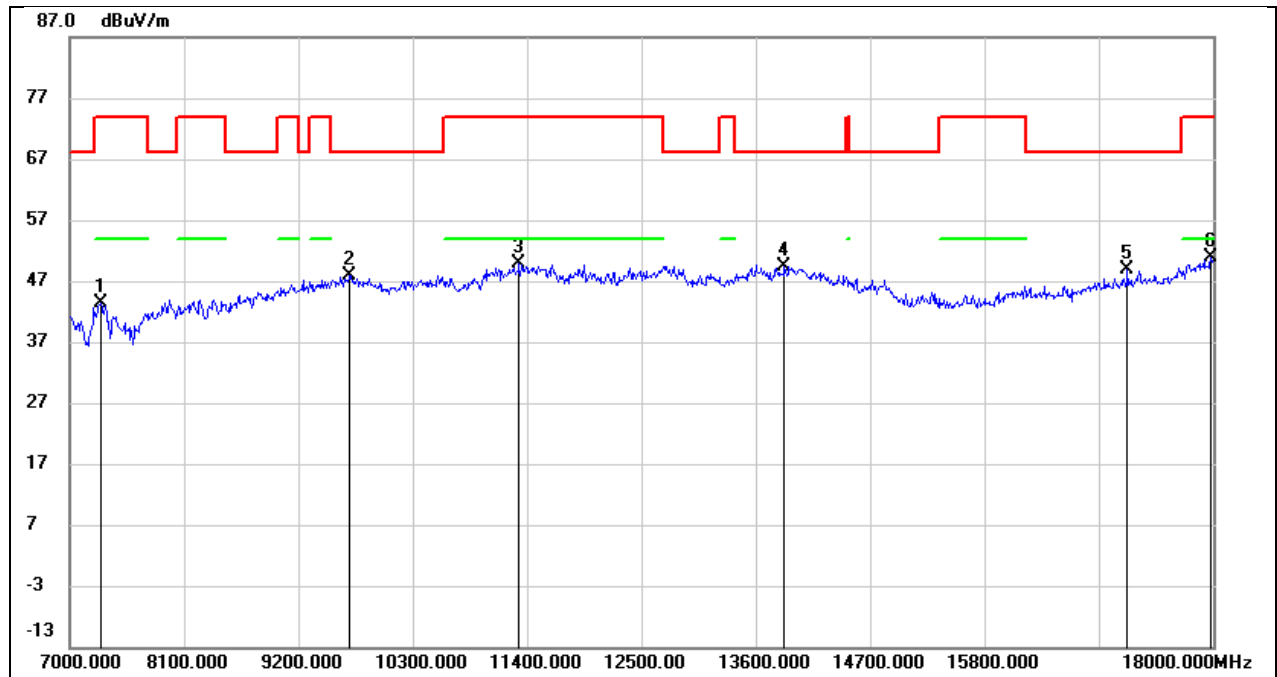
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	36.34	8.41	44.75	74.00	-29.25	peak
2	9772.000	34.40	13.61	48.01	68.20	-20.19	peak
3	11521.000	32.14	17.60	49.74	74.00	-24.26	peak
4	13655.000	27.49	22.75	50.24	68.20	-17.96	peak
5	17340.000	24.65	24.20	48.85	68.20	-19.35	peak
6	17923.000	22.52	27.79	50.31	74.00	-23.69	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5788.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



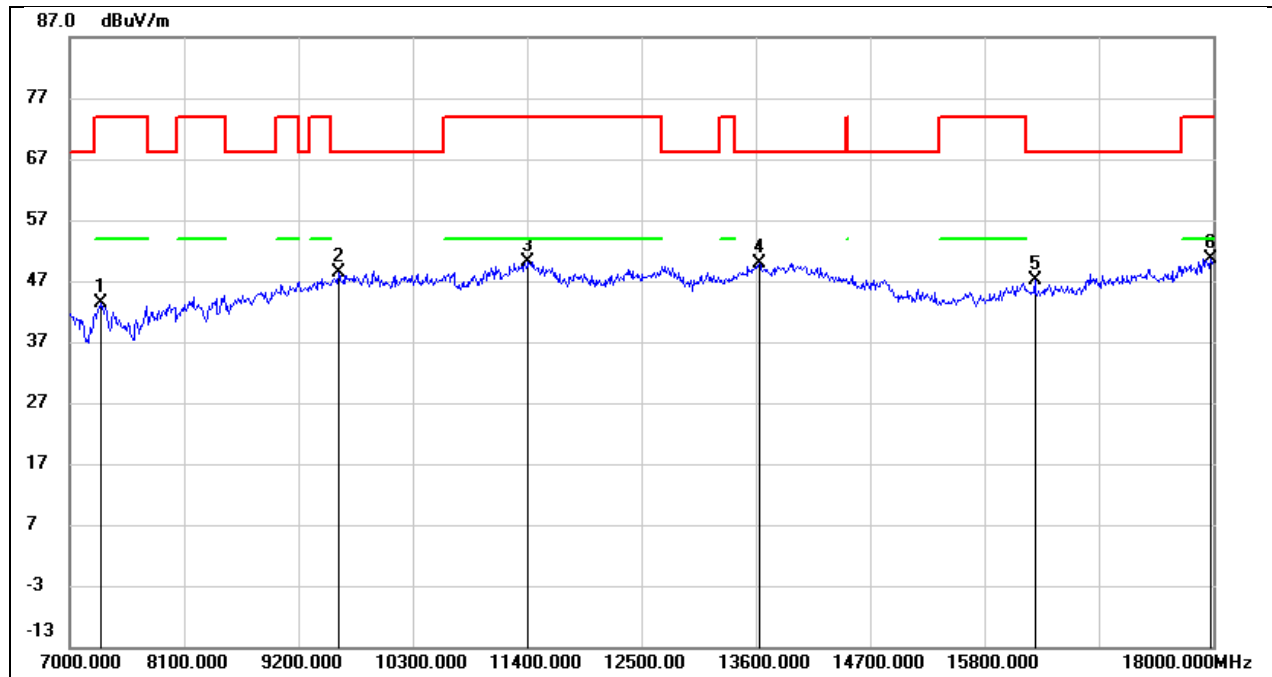
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.90	7.50	43.40	74.00	-30.60	peak
2	9596.000	35.21	13.26	48.47	68.20	-19.73	peak
3	11378.000	33.26	17.10	50.36	74.00	-23.64	peak
4	13930.000	27.12	23.63	50.75	68.20	-17.45	peak
5	17296.000	25.54	24.05	49.59	68.20	-18.61	peak
6	18000.000	22.20	28.51	50.71	74.00	-23.29	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5848.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



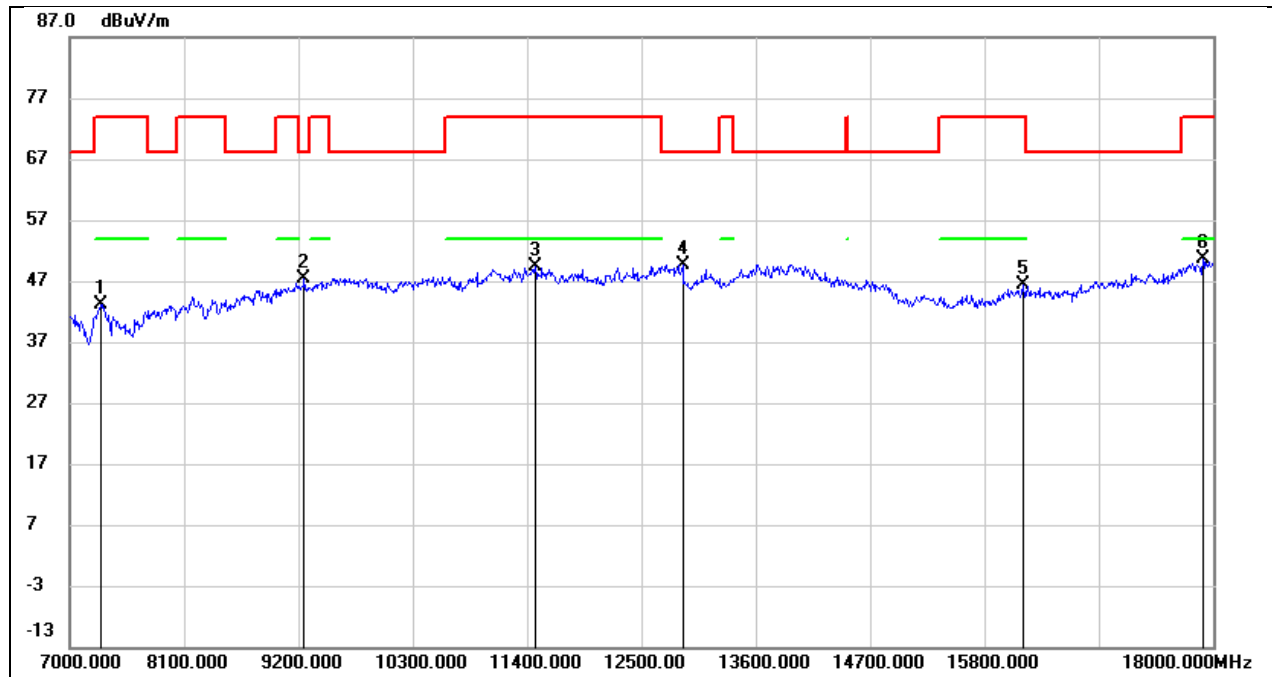
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.90	7.50	43.40	74.00	-30.60	peak
2	9695.000	34.54	13.45	47.99	68.20	-20.21	peak
3	11323.000	33.09	16.84	49.93	74.00	-24.07	peak
4	13875.000	25.96	23.44	49.40	68.20	-18.80	peak
5	17175.000	25.19	23.60	48.79	68.20	-19.41	peak
6	17978.000	22.49	28.31	50.80	74.00	-23.20	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5848.12
Polarity:	Vertical	Test Voltage:	DC 7.2V



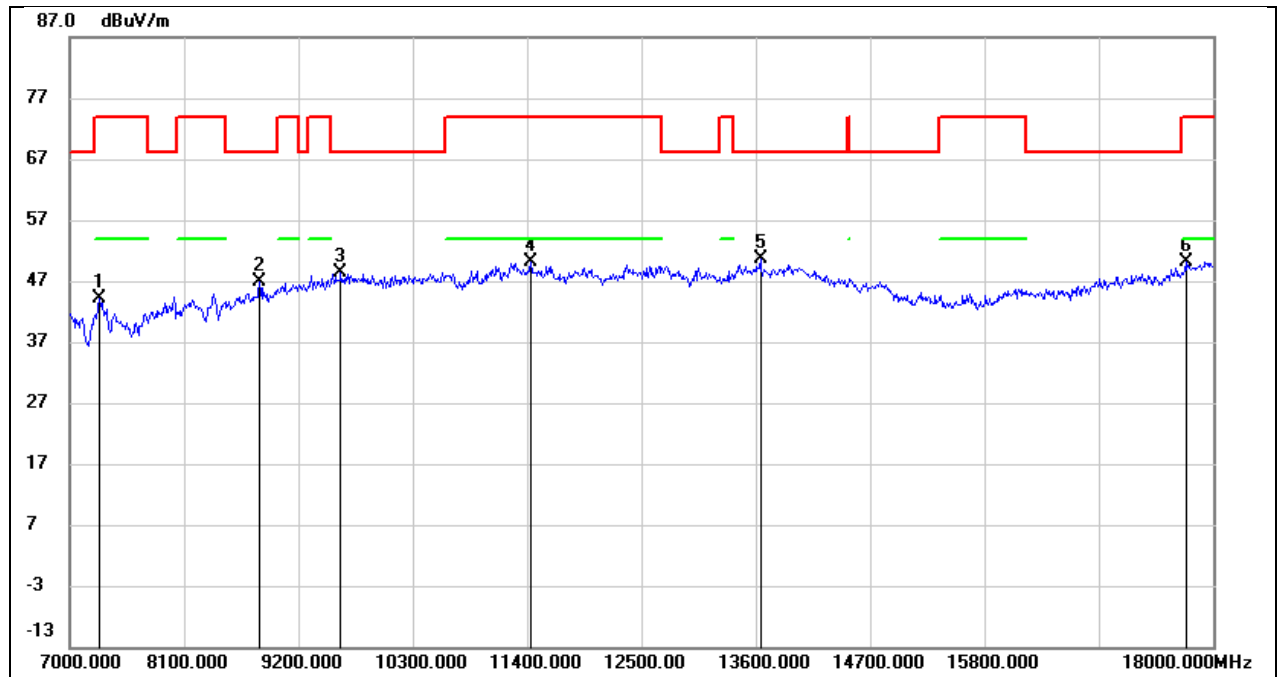
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.86	7.50	43.36	74.00	-30.64	peak
2	9585.000	35.12	13.19	48.31	68.20	-19.89	peak
3	11411.000	32.91	17.24	50.15	74.00	-23.85	peak
4	13633.000	27.15	22.68	49.83	68.20	-18.37	peak
5	16284.000	25.86	21.38	47.24	68.20	-20.96	peak
6	17978.000	22.32	28.31	50.63	74.00	-23.37	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5727.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



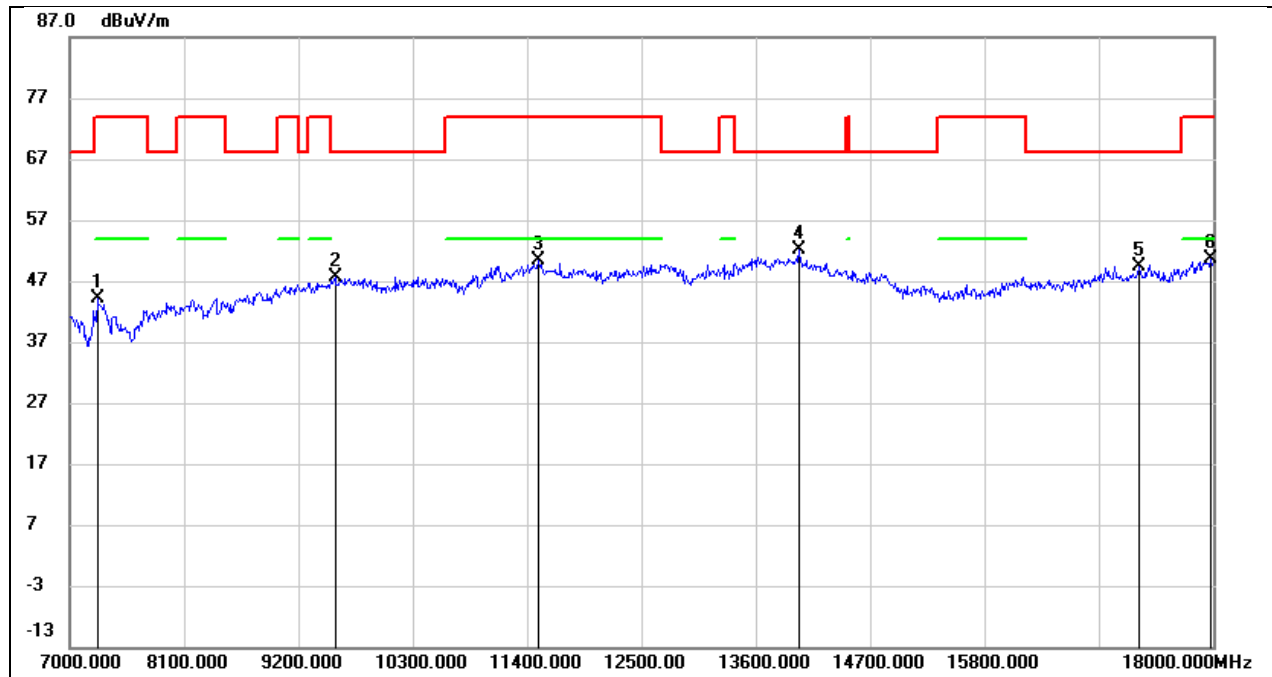
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.71	7.50	43.21	74.00	-30.79	peak
2	9255.000	35.77	11.59	47.36	68.20	-20.84	peak
3	11477.000	32.03	17.46	49.49	74.00	-24.51	peak
4	12896.000	29.24	20.50	49.74	68.20	-18.46	peak
5	16174.000	24.85	21.43	46.28	74.00	-27.72	peak
6	17901.000	22.93	27.60	50.53	74.00	-23.47	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5727.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



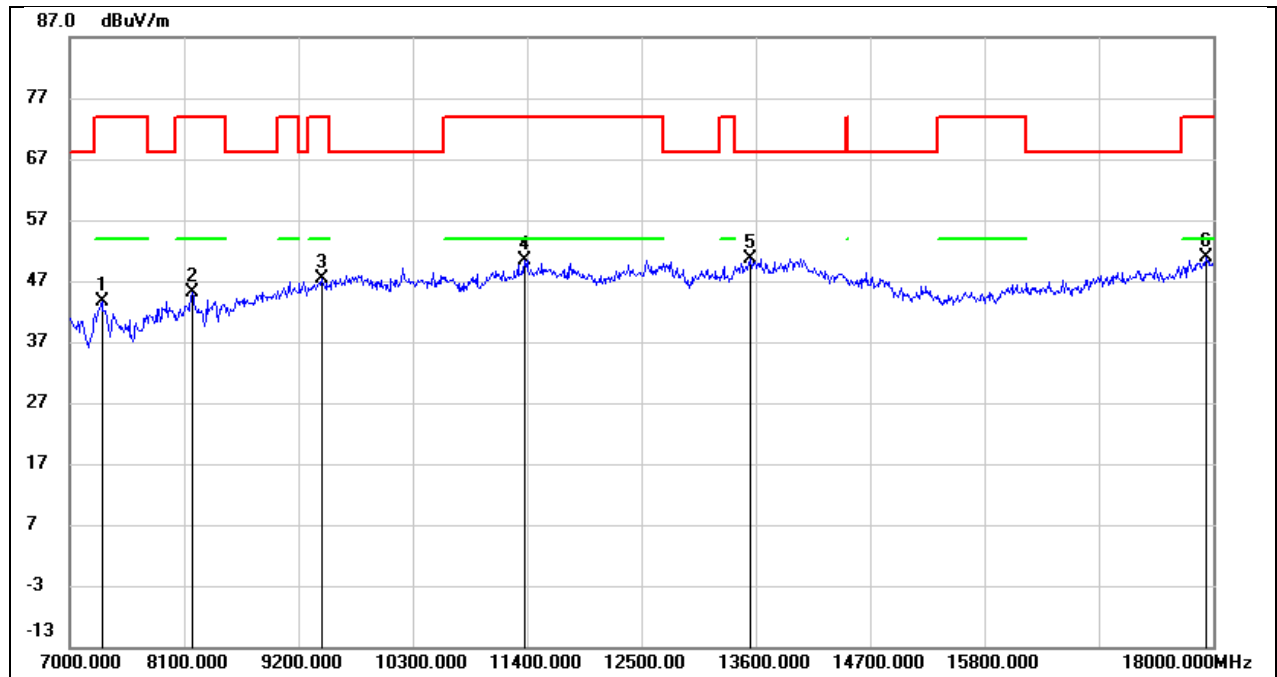
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	36.70	7.49	44.19	74.00	-29.81	peak
2	8826.000	37.06	9.73	46.79	68.20	-21.41	peak
3	9607.000	35.19	13.30	48.49	68.20	-19.71	peak
4	11433.000	32.71	17.31	50.02	74.00	-23.98	peak
5	13644.000	27.94	22.72	50.66	68.20	-17.54	peak
6	17736.000	24.12	26.13	50.25	74.00	-23.75	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



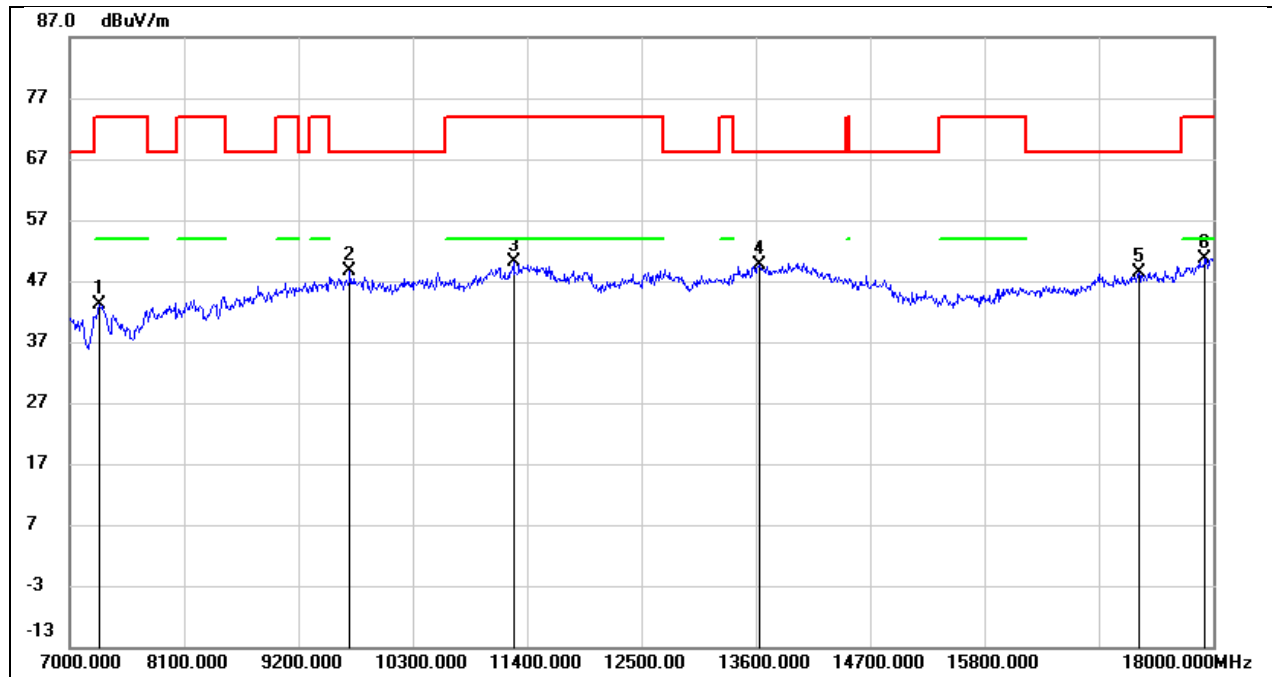
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7264.000	36.53	7.49	44.02	74.00	-29.98	peak
2	9552.000	34.60	12.98	47.58	68.20	-20.62	peak
3	11510.000	32.71	17.57	50.28	74.00	-23.72	peak
4	14018.000	28.24	23.83	52.07	68.20	-16.13	peak
5	17285.000	25.41	24.01	49.42	68.20	-18.78	peak
6	17978.000	22.40	28.31	50.71	74.00	-23.29	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



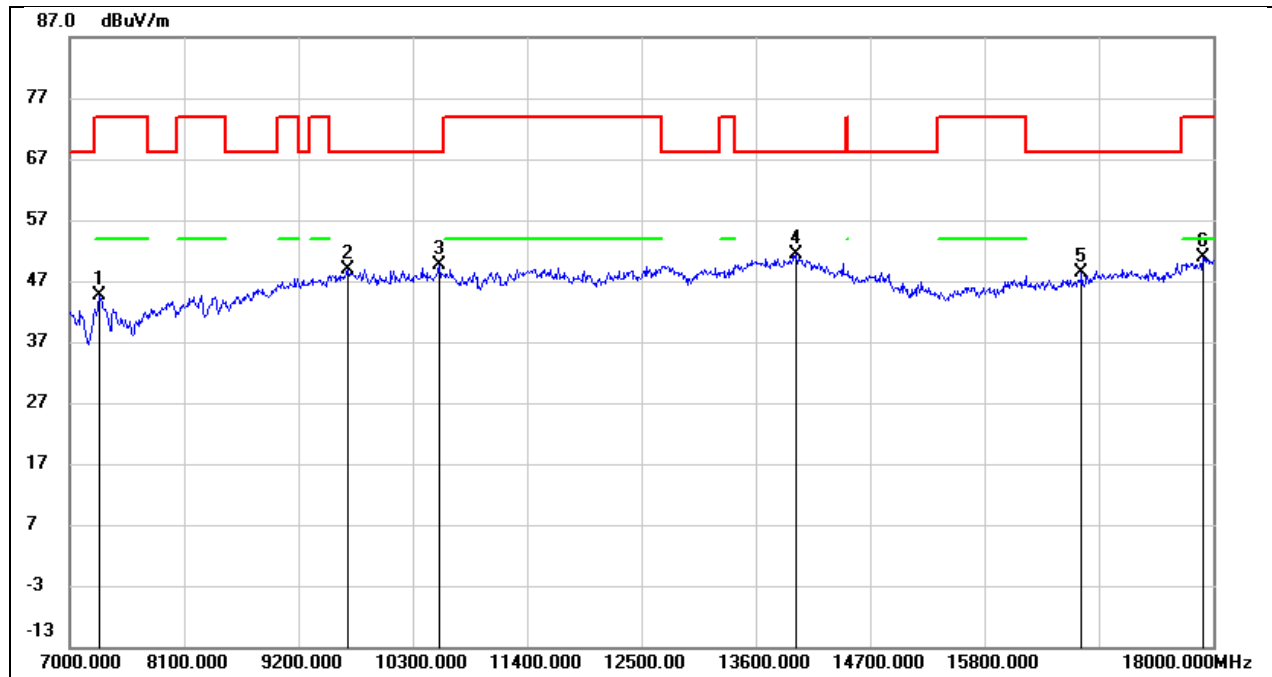
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.02	7.49	43.51	74.00	-30.49	peak
2	8177.000	36.84	8.37	45.21	74.00	-28.79	peak
3	9420.000	35.12	12.16	47.28	74.00	-26.72	peak
4	11378.000	33.39	17.10	50.49	74.00	-23.51	peak
5	13545.000	28.14	22.51	50.65	68.20	-17.55	peak
6	17934.000	23.06	27.90	50.96	74.00	-23.04	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5847.2
Polarity:	Horizontal	Test Voltage:	DC 7.2V



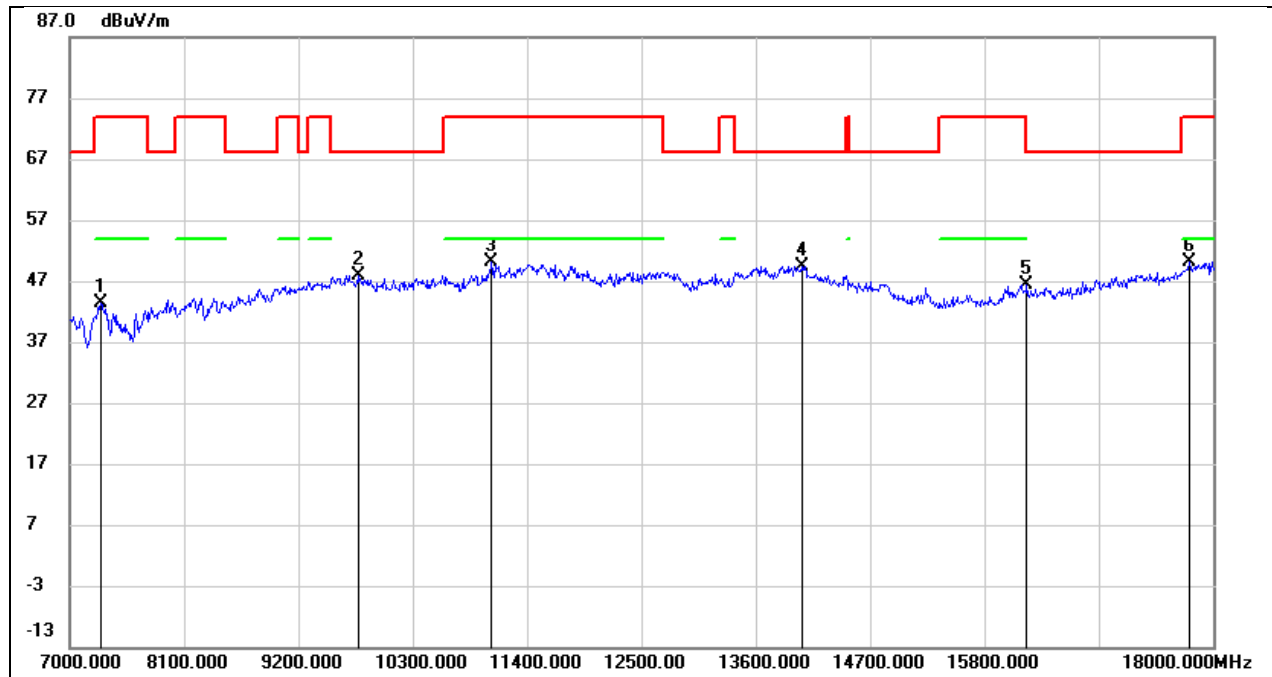
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	35.64	7.49	43.13	74.00	-30.87	peak
2	9695.000	35.22	13.45	48.67	68.20	-19.53	peak
3	11268.000	33.51	16.59	50.10	74.00	-23.90	peak
4	13633.000	26.83	22.68	49.51	68.20	-18.69	peak
5	17285.000	24.38	24.01	48.39	68.20	-19.81	peak
6	17923.000	22.81	27.79	50.60	74.00	-23.40	peak

Test Mode:	SRD 5G 3M	Frequency(MHz):	5847.2
Polarity:	Vertical	Test Voltage:	DC 7.2V



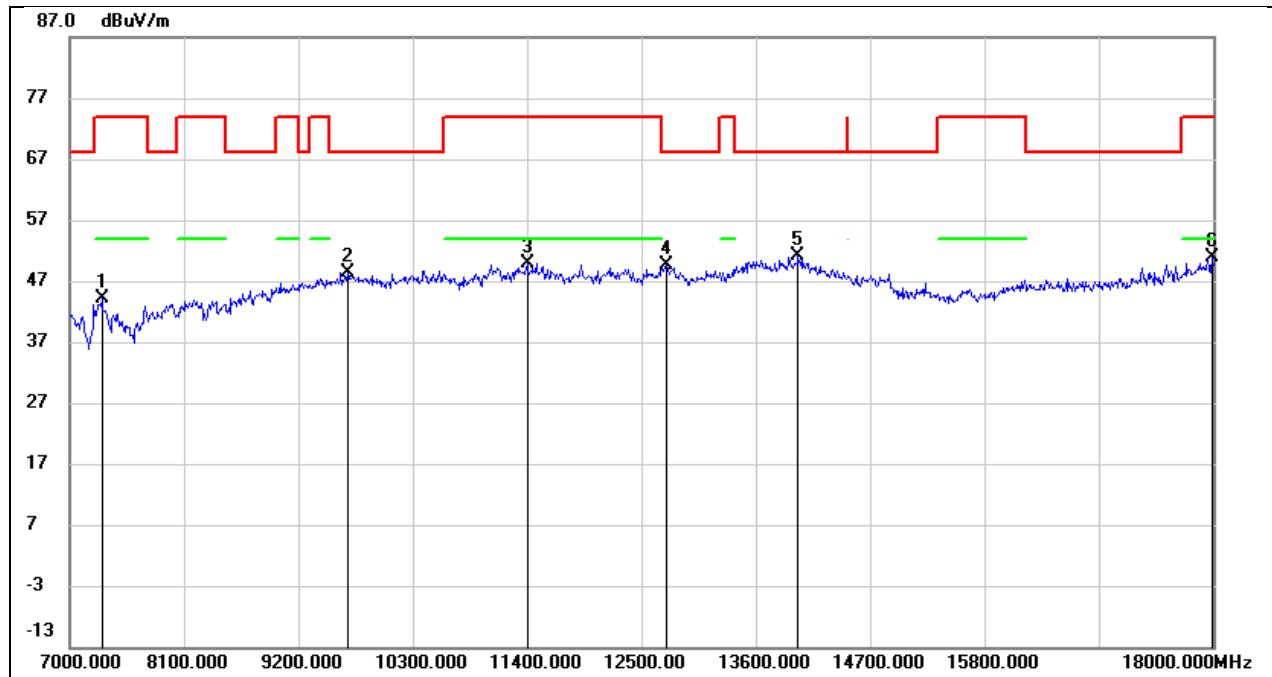
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.22	7.49	44.71	74.00	-29.29	peak
2	9673.000	35.58	13.42	49.00	68.20	-19.20	peak
3	10553.000	35.55	14.18	49.73	68.20	-18.47	peak
4	13985.000	27.42	23.85	51.27	68.20	-16.93	peak
5	16735.000	26.53	21.76	48.29	68.20	-19.91	peak
6	17901.000	23.39	27.60	50.99	74.00	-23.01	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5730.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



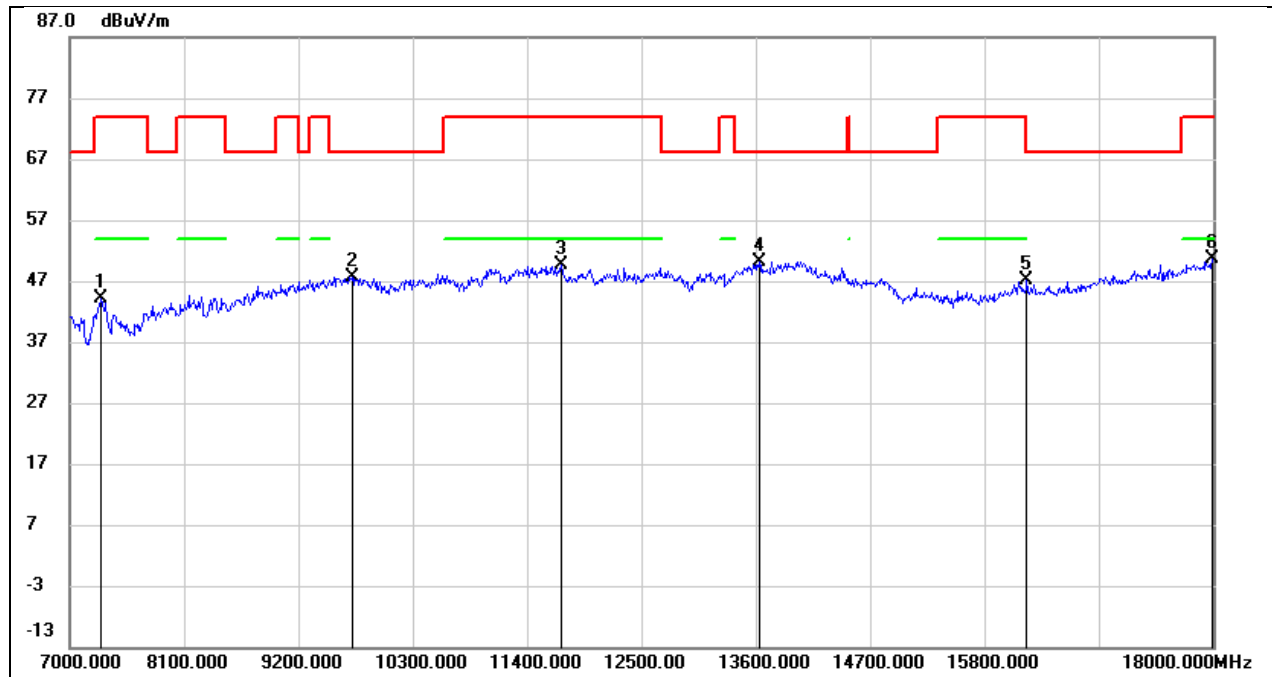
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.97	7.50	43.47	74.00	-30.53	peak
2	9772.000	34.17	13.61	47.78	68.20	-20.42	peak
3	11059.000	34.48	15.71	50.19	74.00	-23.81	peak
4	14040.000	25.77	23.71	49.48	68.20	-18.72	peak
5	16207.000	24.72	21.58	46.30	68.20	-21.90	peak
6	17769.000	23.74	26.41	50.15	74.00	-23.85	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5730.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



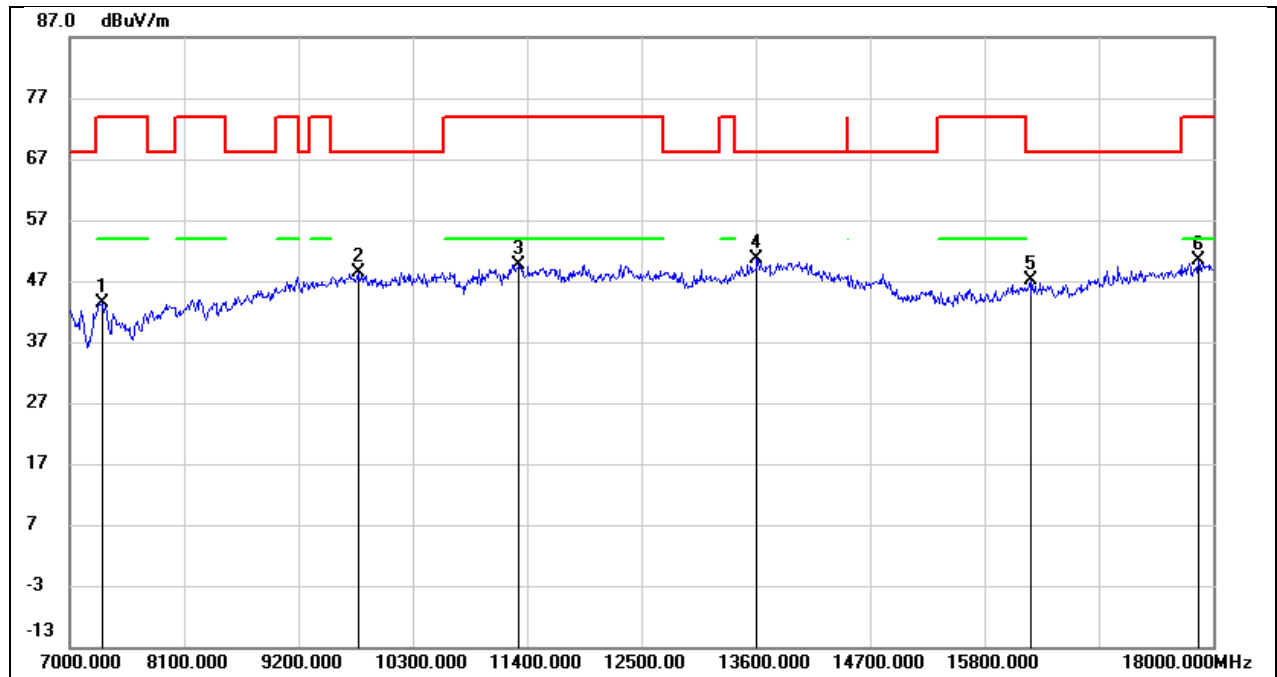
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.72	7.49	44.21	74.00	-29.79	peak
2	9673.000	34.89	13.42	48.31	68.20	-19.89	peak
3	11400.000	32.77	17.20	49.97	74.00	-24.03	peak
4	12742.000	29.24	20.36	49.60	68.20	-18.60	peak
5	14007.000	27.17	23.88	51.05	68.20	-17.15	peak
6	17989.000	22.55	28.40	50.95	74.00	-23.05	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



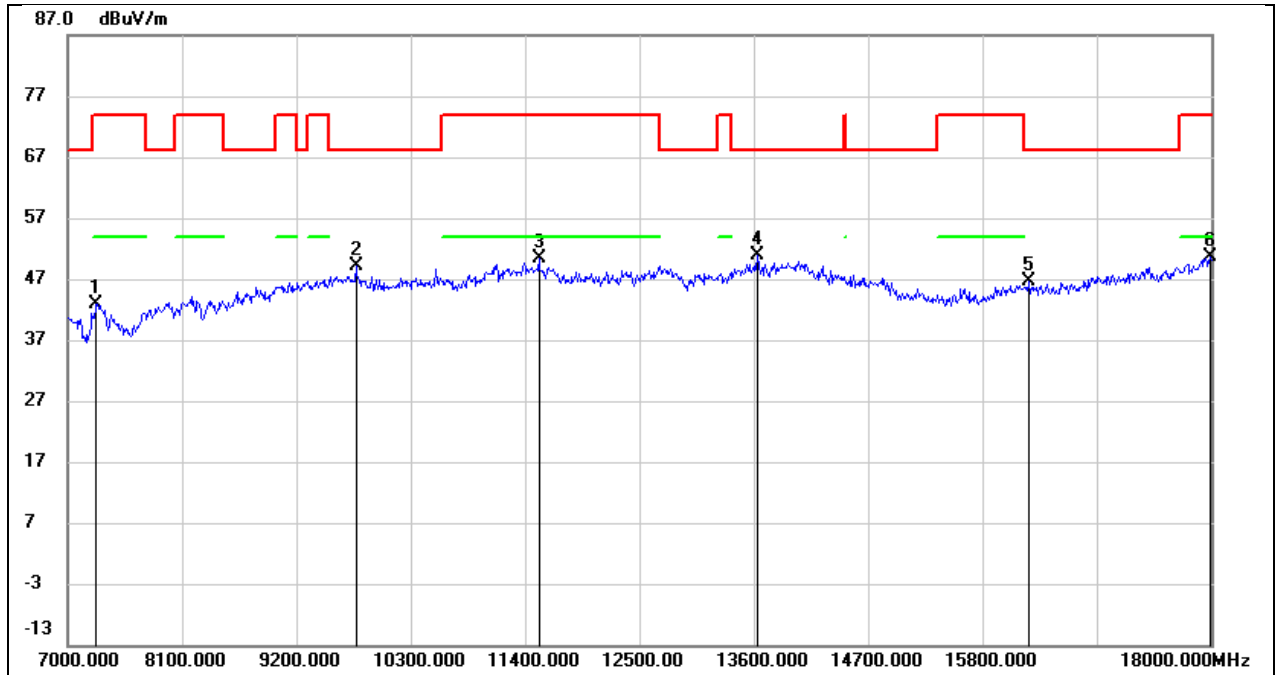
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	36.68	7.50	44.18	74.00	-29.82	peak
2	9717.000	34.15	13.50	47.65	68.20	-20.55	peak
3	11730.000	31.69	17.91	49.60	74.00	-24.40	peak
4	13633.000	27.38	22.68	50.06	68.20	-18.14	peak
5	16207.000	25.49	21.58	47.07	68.20	-21.13	peak
6	17989.000	22.24	28.40	50.64	74.00	-23.36	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



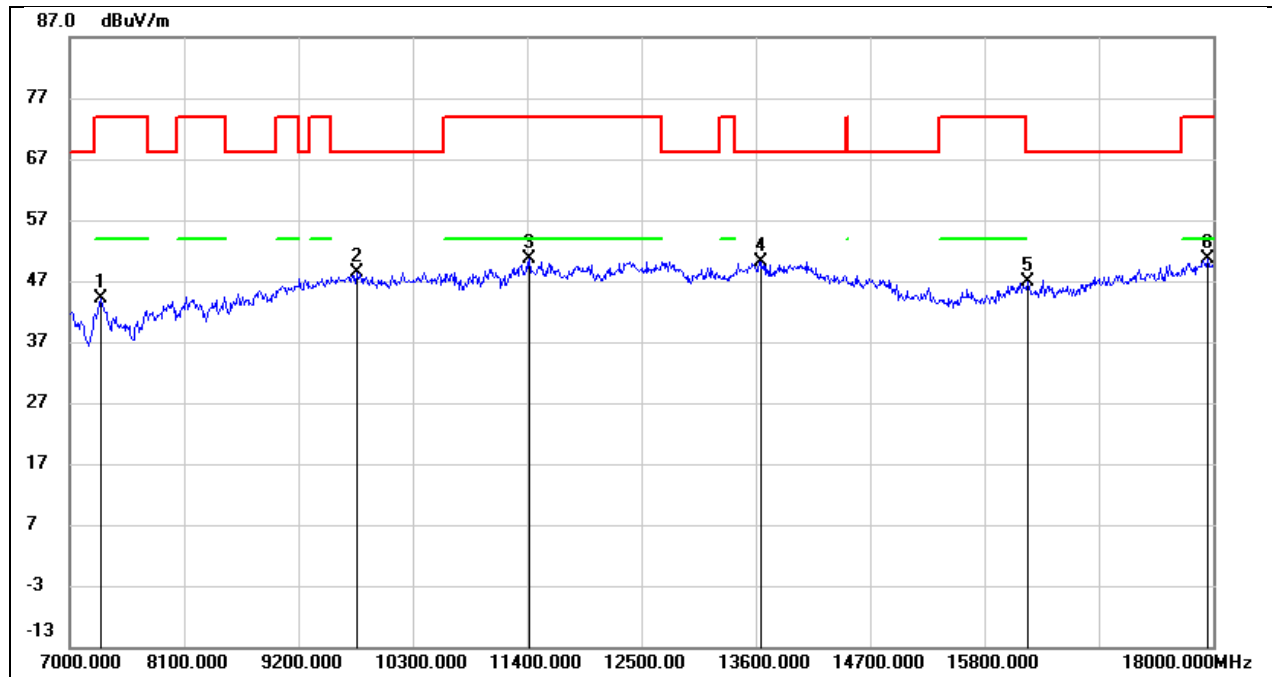
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	35.95	7.49	43.44	74.00	-30.56	peak
2	9772.000	34.84	13.61	48.45	68.20	-19.75	peak
3	11323.000	32.88	16.84	49.72	74.00	-24.28	peak
4	13611.000	27.99	22.63	50.62	68.20	-17.58	peak
5	16240.000	25.65	21.50	47.15	68.20	-21.05	peak
6	17857.000	23.19	27.18	50.37	74.00	-23.63	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5844.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



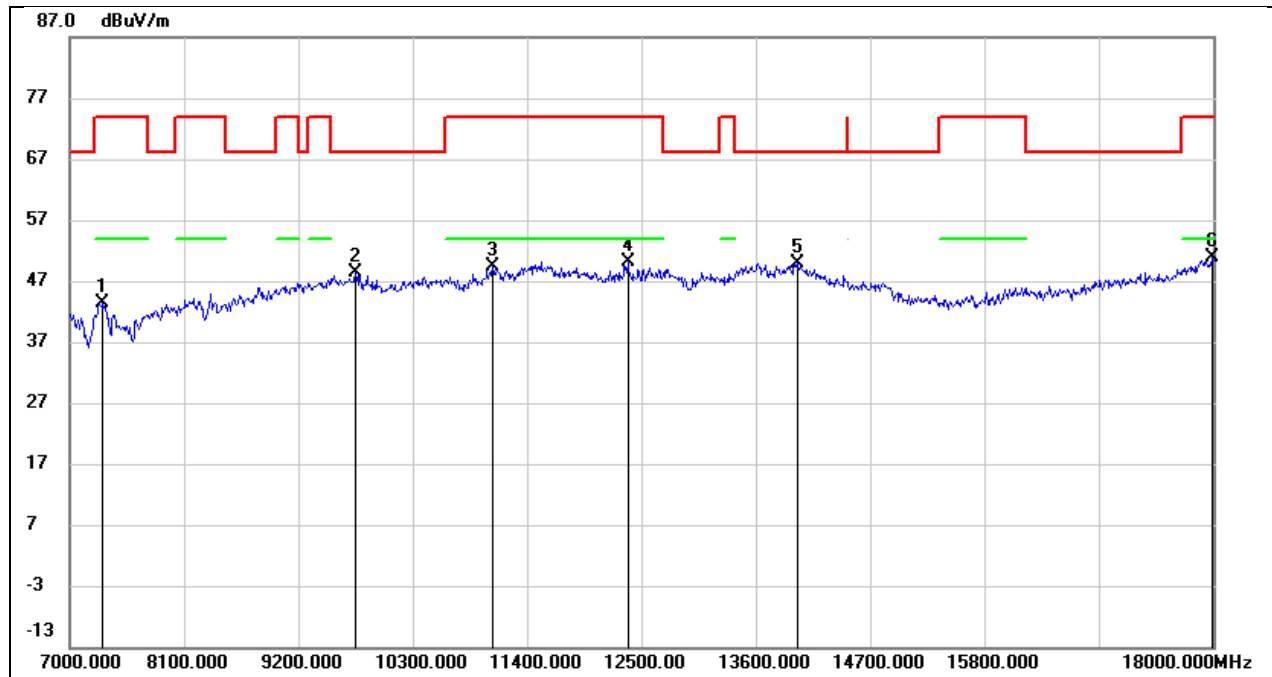
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7275.000	35.31	7.49	42.80	74.00	-31.20	peak
2	9772.000	35.49	13.61	49.10	68.20	-19.10	peak
3	11532.000	32.67	17.64	50.31	74.00	-23.69	peak
4	13633.000	28.20	22.68	50.88	68.20	-17.32	peak
5	16251.000	25.17	21.46	46.63	68.20	-21.57	peak
6	17989.000	22.33	28.40	50.73	74.00	-23.27	peak

Test Mode:	SRD 5G 10M	Frequency(MHz):	5844.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



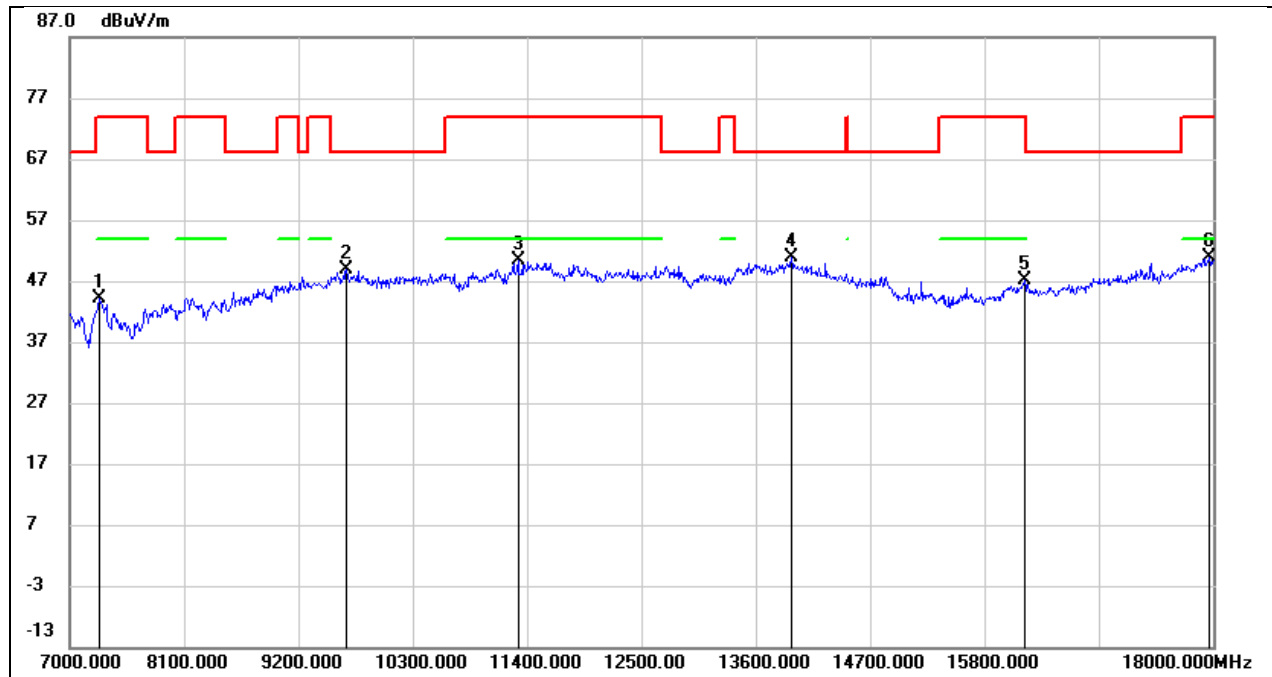
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	36.55	7.50	44.05	74.00	-29.95	peak
2	9761.000	34.76	13.58	48.34	68.20	-19.86	peak
3	11422.000	33.36	17.27	50.63	74.00	-23.37	peak
4	13655.000	27.47	22.75	50.22	68.20	-17.98	peak
5	16218.000	25.21	21.55	46.76	68.20	-21.44	peak
6	17945.000	22.74	28.01	50.75	74.00	-23.25	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5735.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



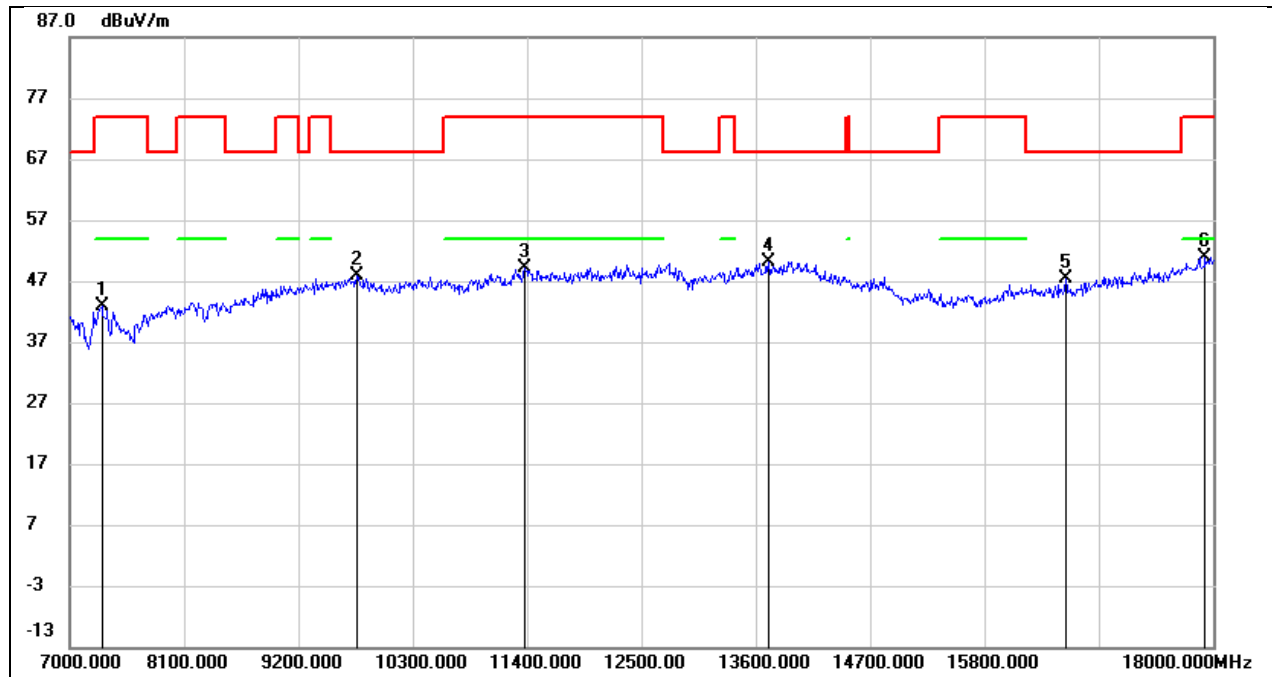
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7319.000	35.92	7.50	43.42	74.00	-30.58	peak
2	9750.000	34.77	13.57	48.34	68.20	-19.86	peak
3	11070.000	33.69	15.75	49.44	74.00	-24.56	peak
4	12368.000	30.57	19.55	50.12	74.00	-23.88	peak
5	13996.000	26.06	23.89	49.95	68.20	-18.25	peak
6	17989.000	22.44	28.40	50.84	74.00	-23.16	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5735.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



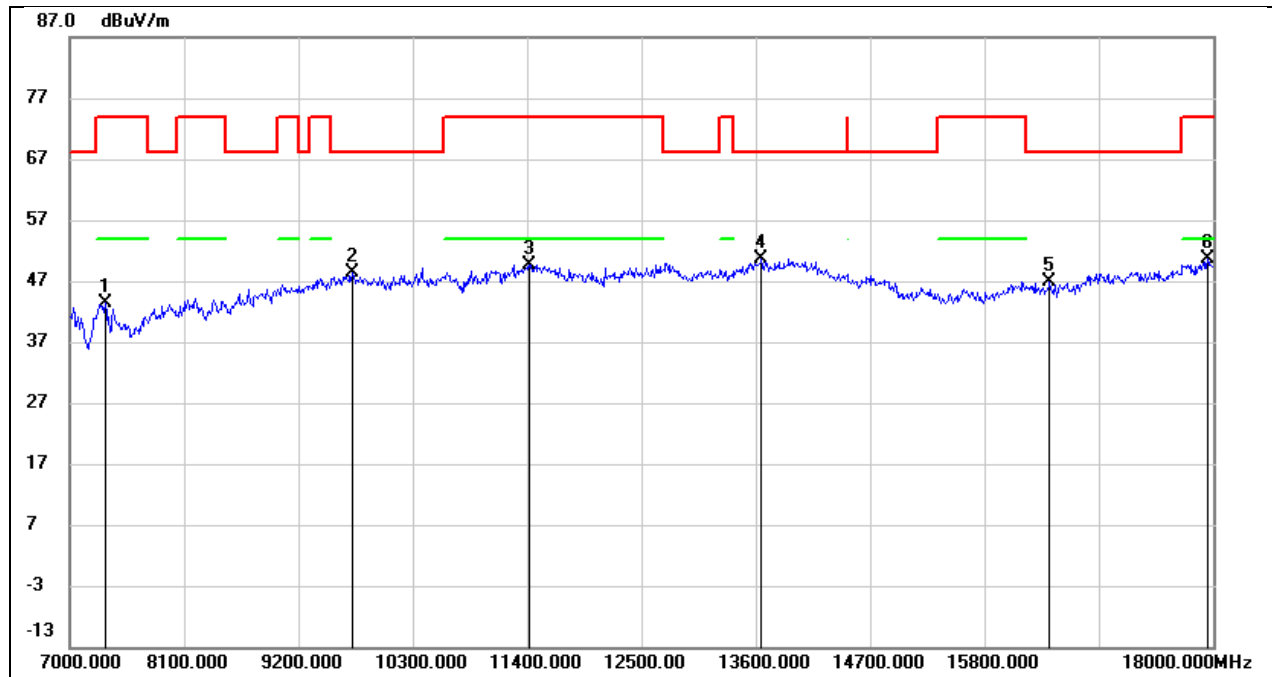
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	36.64	7.49	44.13	74.00	-29.87	peak
2	9662.000	35.56	13.39	48.95	68.20	-19.25	peak
3	11312.000	33.59	16.79	50.38	74.00	-23.62	peak
4	13941.000	27.20	23.68	50.88	68.20	-17.32	peak
5	16185.000	25.57	21.50	47.07	74.00	-26.93	peak
6	17967.000	22.61	28.21	50.82	74.00	-23.18	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



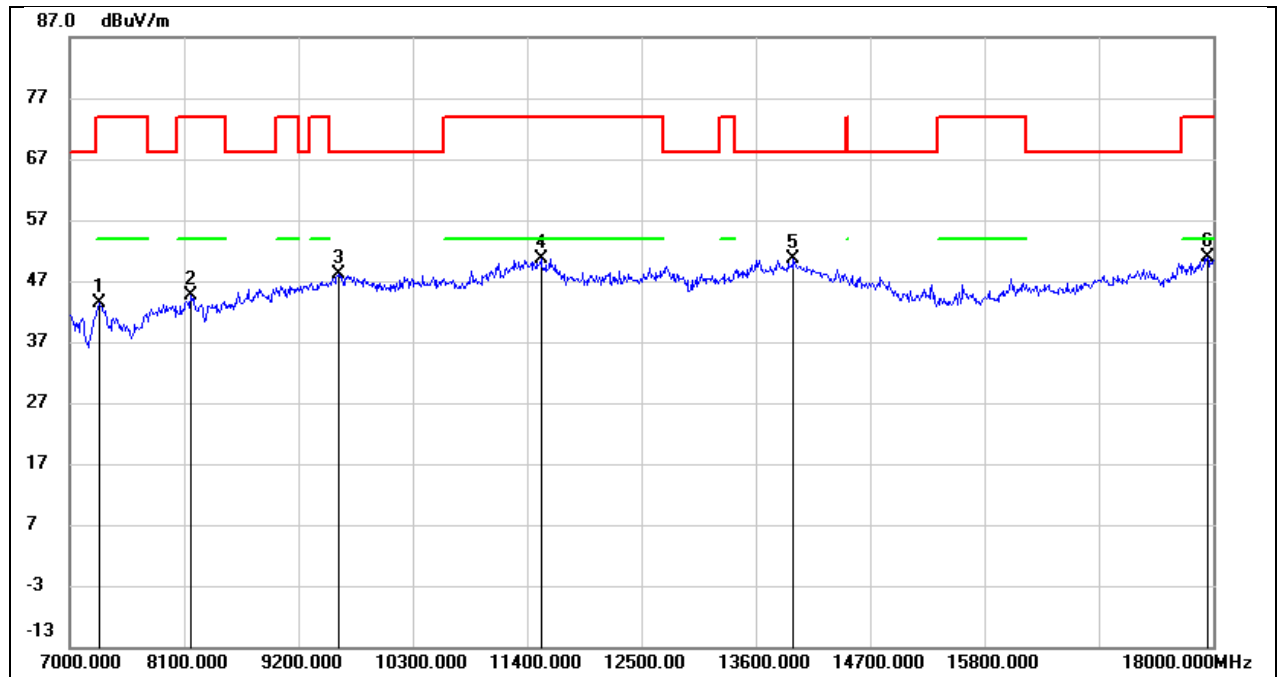
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	35.31	7.49	42.80	74.00	-31.20	peak
2	9761.000	34.22	13.58	47.80	68.20	-20.40	peak
3	11378.000	31.94	17.10	49.04	74.00	-24.96	peak
4	13721.000	27.28	22.93	50.21	68.20	-17.99	peak
5	16581.000	26.19	21.16	47.35	68.20	-20.85	peak
6	17923.000	23.20	27.79	50.99	74.00	-23.01	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



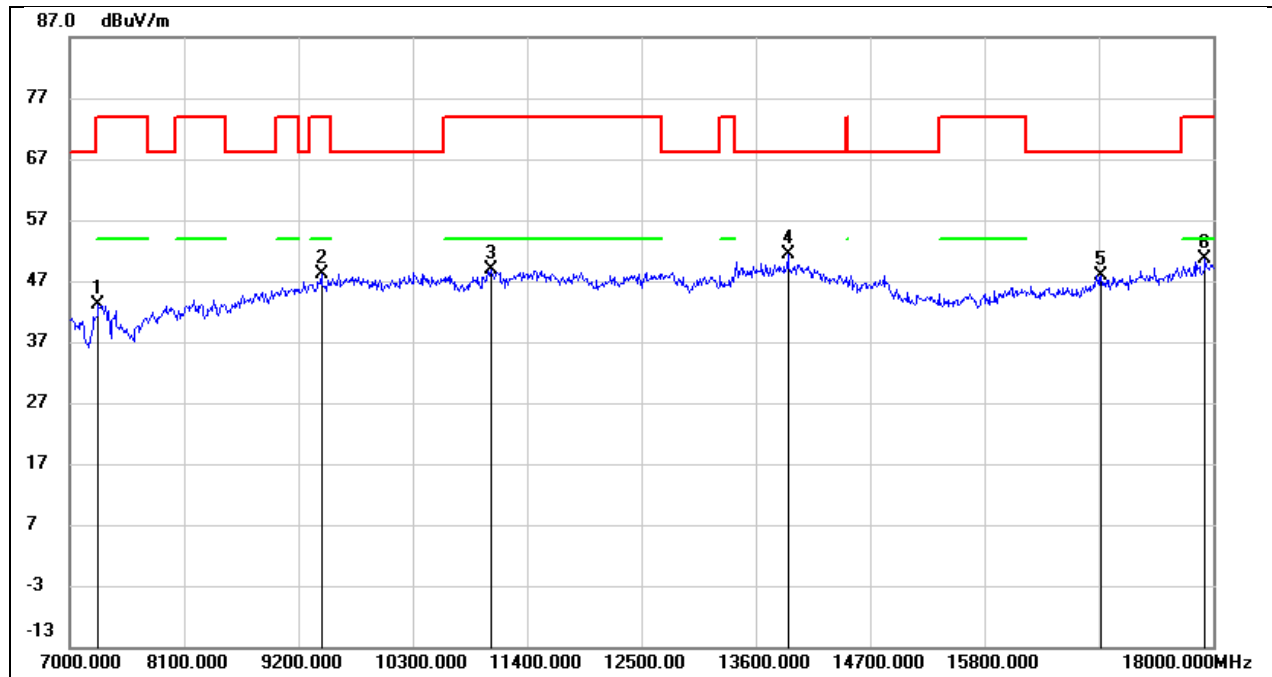
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	35.76	7.50	43.26	74.00	-30.74	peak
2	9717.000	34.79	13.50	48.29	68.20	-19.91	peak
3	11422.000	32.42	17.27	49.69	74.00	-24.31	peak
4	13655.000	27.91	22.75	50.66	68.20	-17.54	peak
5	16427.000	25.81	21.09	46.90	68.20	-21.30	peak
6	17945.000	22.70	28.01	50.71	74.00	-23.29	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5839.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



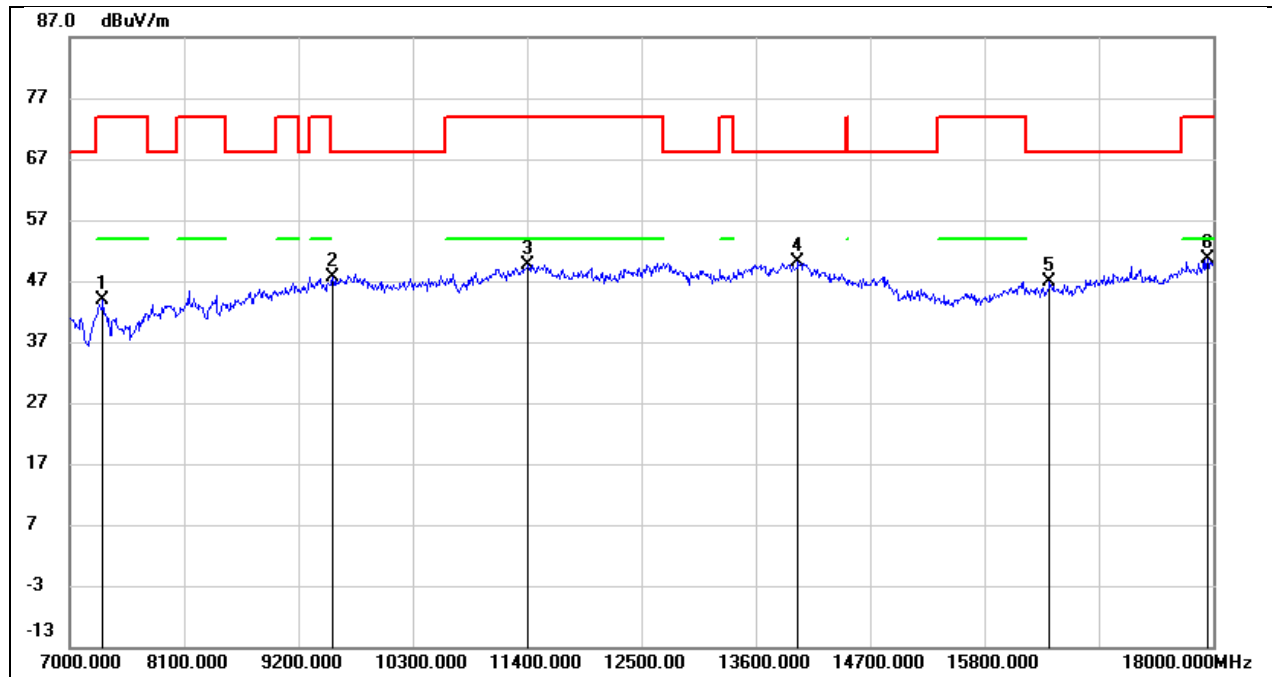
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	35.85	7.49	43.34	74.00	-30.66	peak
2	8166.000	36.30	8.37	44.67	74.00	-29.33	peak
3	9585.000	34.87	13.19	48.06	68.20	-20.14	peak
4	11532.000	33.00	17.64	50.64	74.00	-23.36	peak
5	13963.000	26.78	23.77	50.55	68.20	-17.65	peak
6	17945.000	22.83	28.01	50.84	74.00	-23.16	peak

Test Mode:	SRD 5G 20M	Frequency(MHz):	5839.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



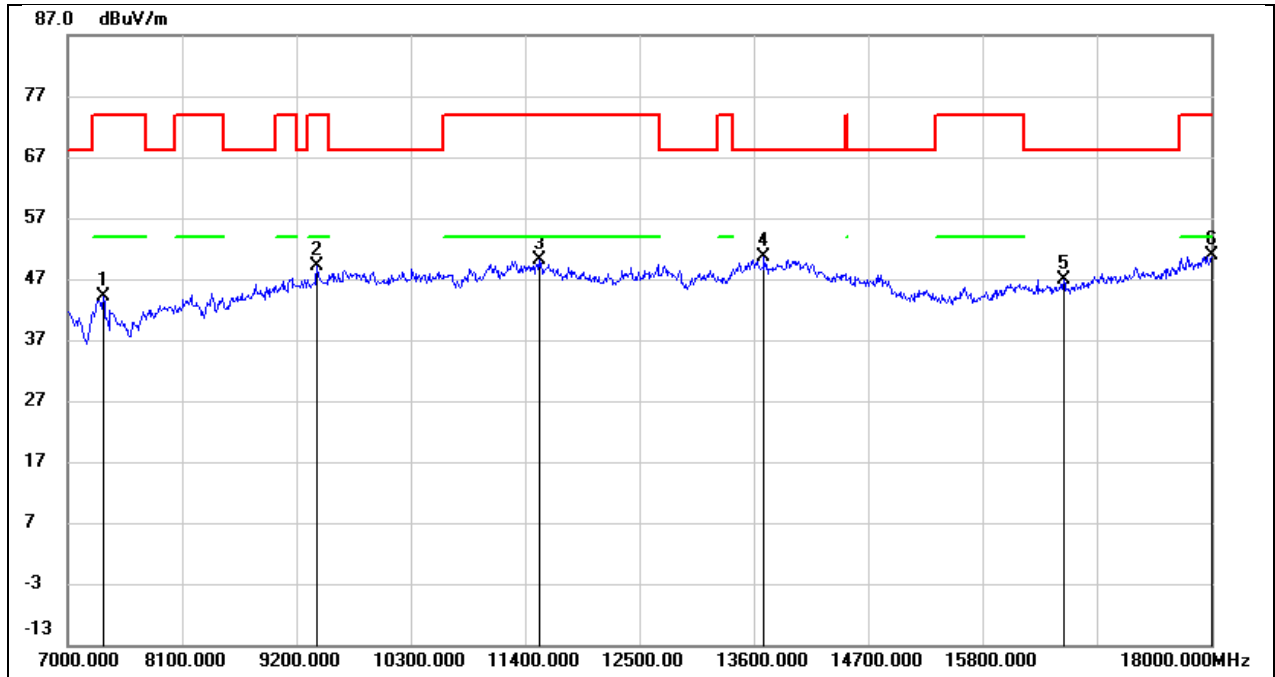
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7275.000	35.61	7.49	43.10	74.00	-30.90	peak
2	9420.000	36.06	12.16	48.22	74.00	-25.78	peak
3	11048.000	33.26	15.66	48.92	74.00	-25.08	peak
4	13908.000	27.84	23.56	51.40	68.20	-16.80	peak
5	16922.000	25.51	22.46	47.97	68.20	-20.23	peak
6	17923.000	22.85	27.79	50.64	74.00	-23.36	peak

Test Mode:	SRD 5G 40M	Frequency(MHz):	5745.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



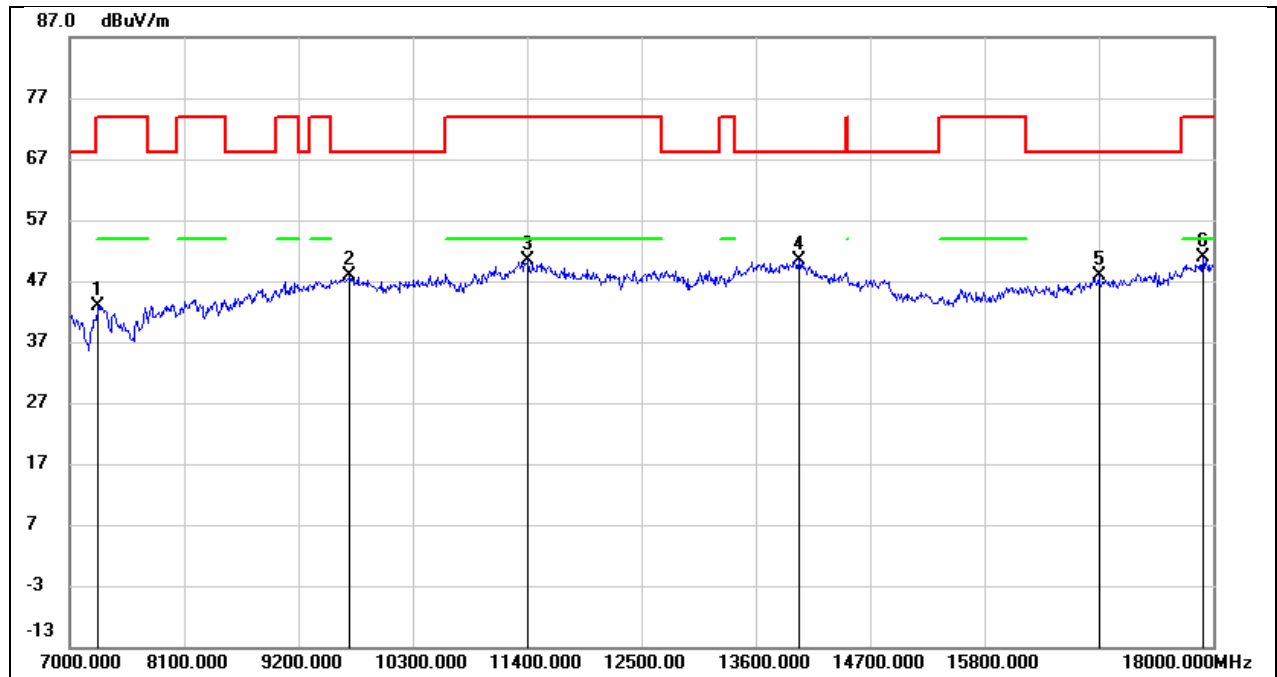
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7319.000	36.40	7.50	43.90	74.00	-30.10	peak
2	9530.000	34.76	12.85	47.61	68.20	-20.59	peak
3	11411.000	32.31	17.24	49.55	74.00	-24.45	peak
4	14007.000	26.26	23.88	50.14	68.20	-18.06	peak
5	16427.000	25.89	21.09	46.98	68.20	-21.22	peak
6	17945.000	22.55	28.01	50.56	74.00	-23.44	peak

Test Mode:	SRD 5G 40M	Frequency(MHz):	5745.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



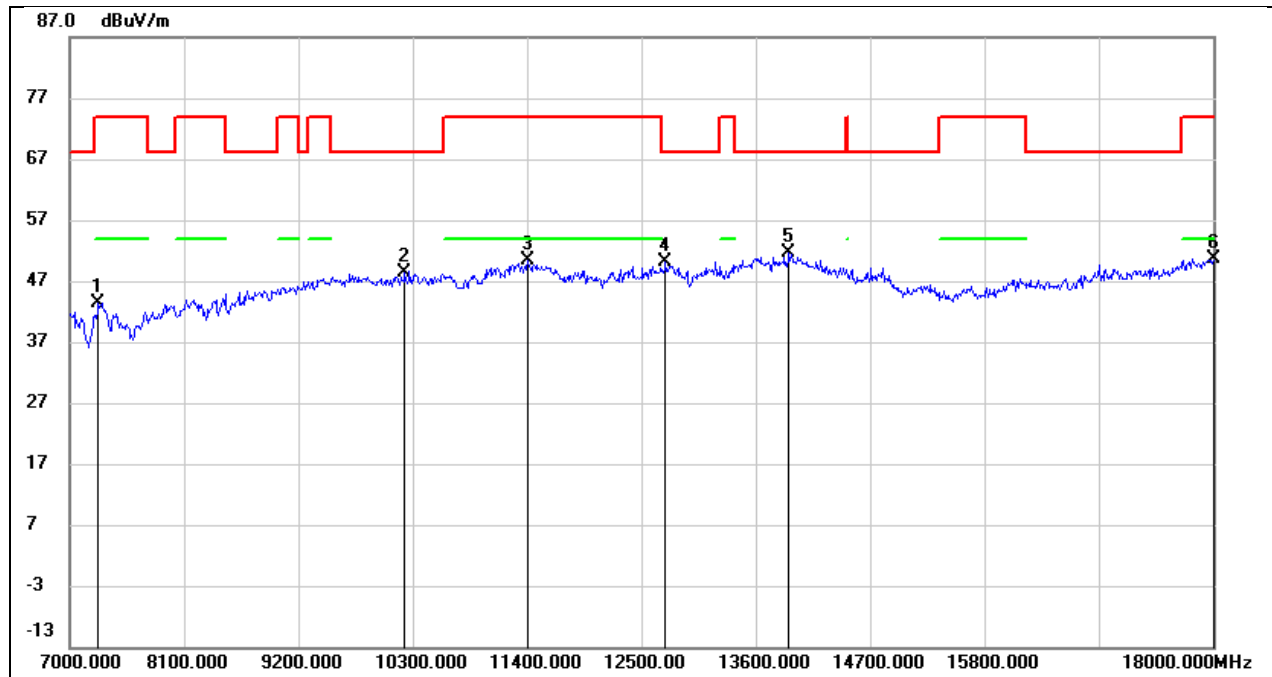
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.62	7.50	44.12	74.00	-29.88	peak
2	9398.000	37.21	12.03	49.24	74.00	-24.76	peak
3	11532.000	32.45	17.64	50.09	74.00	-23.91	peak
4	13699.000	27.83	22.87	50.70	68.20	-17.50	peak
5	16581.000	25.73	21.16	46.89	68.20	-21.31	peak
6	18000.000	22.25	28.51	50.76	74.00	-23.24	peak

Test Mode:	SRD 5G 40M	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



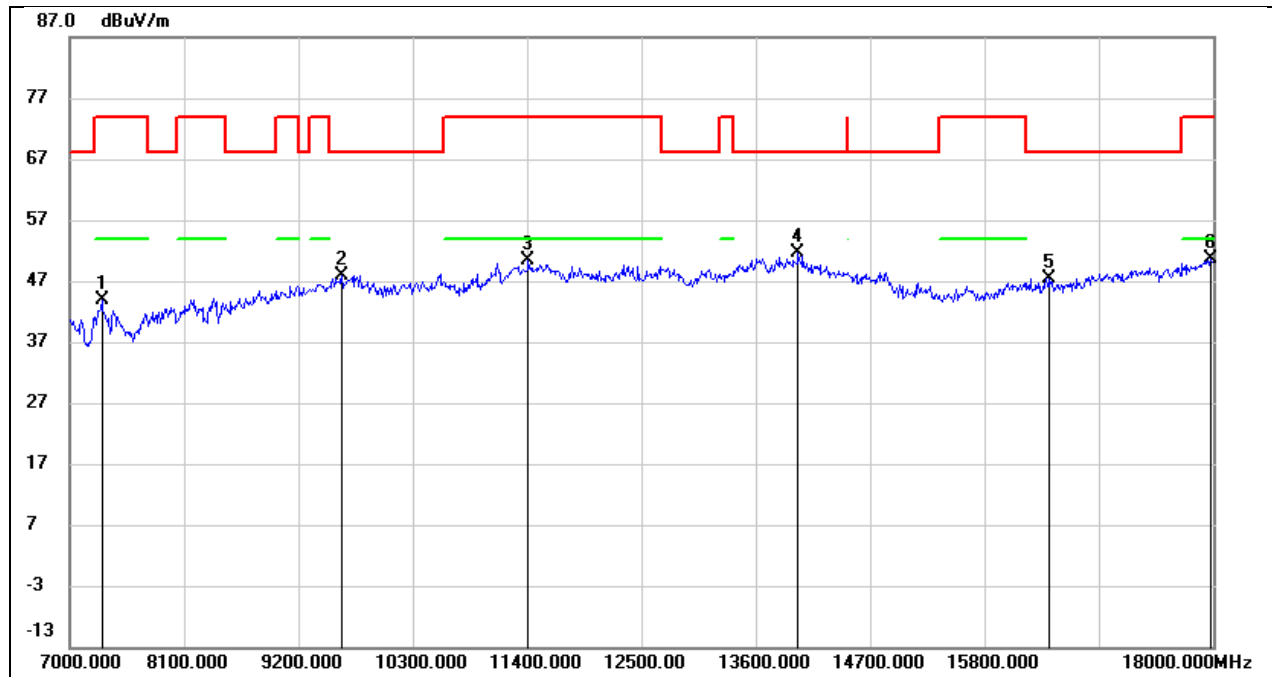
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7275.000	35.40	7.49	42.89	74.00	-31.11	peak
2	9695.000	34.49	13.45	47.94	68.20	-20.26	peak
3	11411.000	33.23	17.24	50.47	74.00	-23.53	peak
4	14018.000	26.55	23.83	50.38	68.20	-17.82	peak
5	16900.000	25.38	22.38	47.76	68.20	-20.44	peak
6	17901.000	23.26	27.60	50.86	74.00	-23.14	peak

Test Mode:	SRD 5G 40M	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



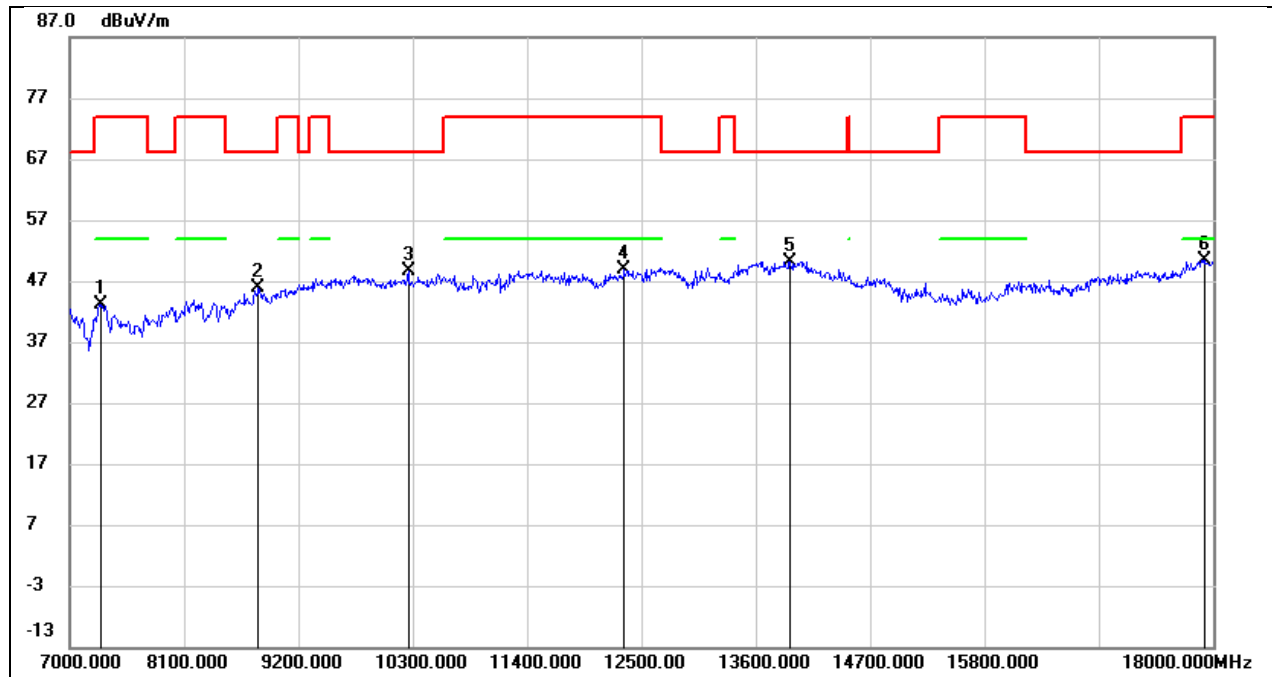
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7275.000	35.84	7.49	43.33	74.00	-30.67	peak
2	10223.000	34.91	13.36	48.27	68.20	-19.93	peak
3	11400.000	33.14	17.20	50.34	74.00	-23.66	peak
4	12731.000	29.83	20.32	50.15	68.20	-18.05	peak
5	13919.000	27.97	23.60	51.57	68.20	-16.63	peak
6	18000.000	22.19	28.51	50.70	74.00	-23.30	peak

Test Mode:	SRD 5G 40M	Frequency(MHz):	5829.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.30	7.49	43.79	74.00	-30.21	peak
2	9618.000	34.64	13.31	47.95	68.20	-20.25	peak
3	11411.000	33.21	17.24	50.45	74.00	-23.55	peak
4	14007.000	27.64	23.88	51.52	68.20	-16.68	peak
5	16427.000	26.24	21.09	47.33	68.20	-20.87	peak
6	17978.000	22.24	28.31	50.55	74.00	-23.45	peak

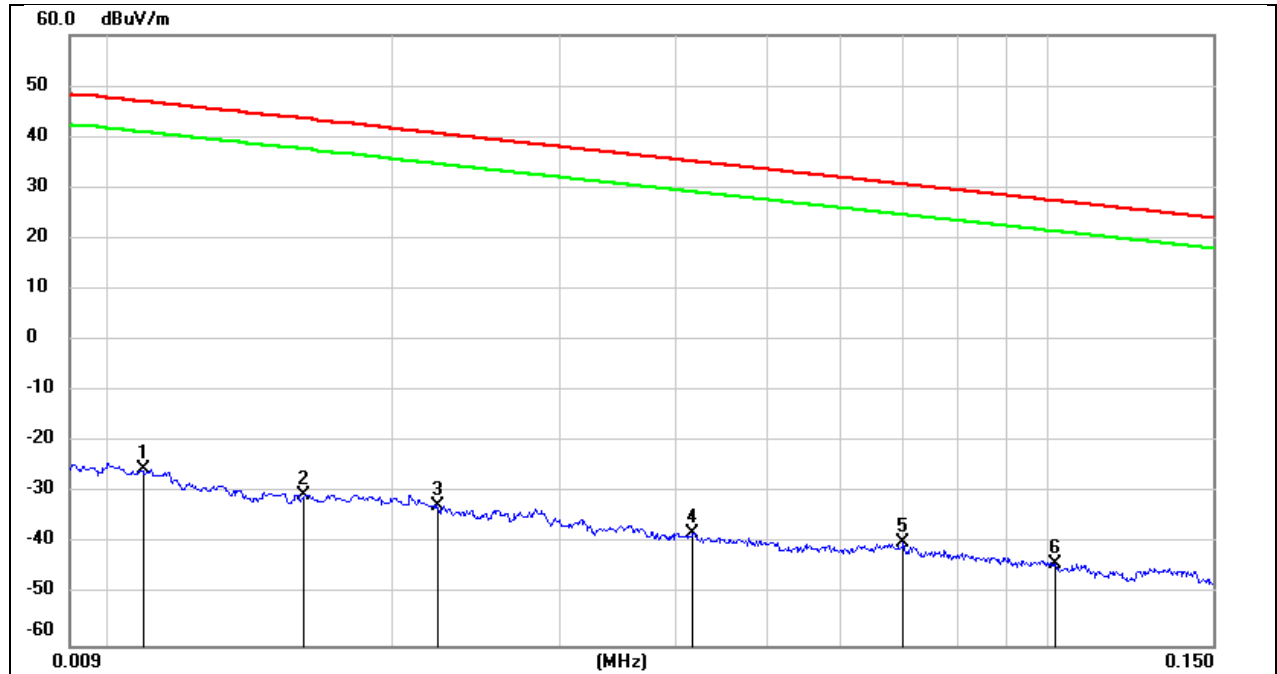
Test Mode:	SRD 5G 40M	Frequency(MHz):	5829.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	35.61	7.50	43.11	74.00	-30.89	peak
2	8815.000	36.19	9.67	45.86	68.20	-22.34	peak
3	10256.000	35.07	13.44	48.51	68.20	-19.69	peak
4	12335.000	29.36	19.46	48.82	74.00	-25.18	peak
5	13930.000	26.62	23.63	50.25	68.20	-17.95	peak
6	17923.000	22.71	27.79	50.50	74.00	-23.50	peak

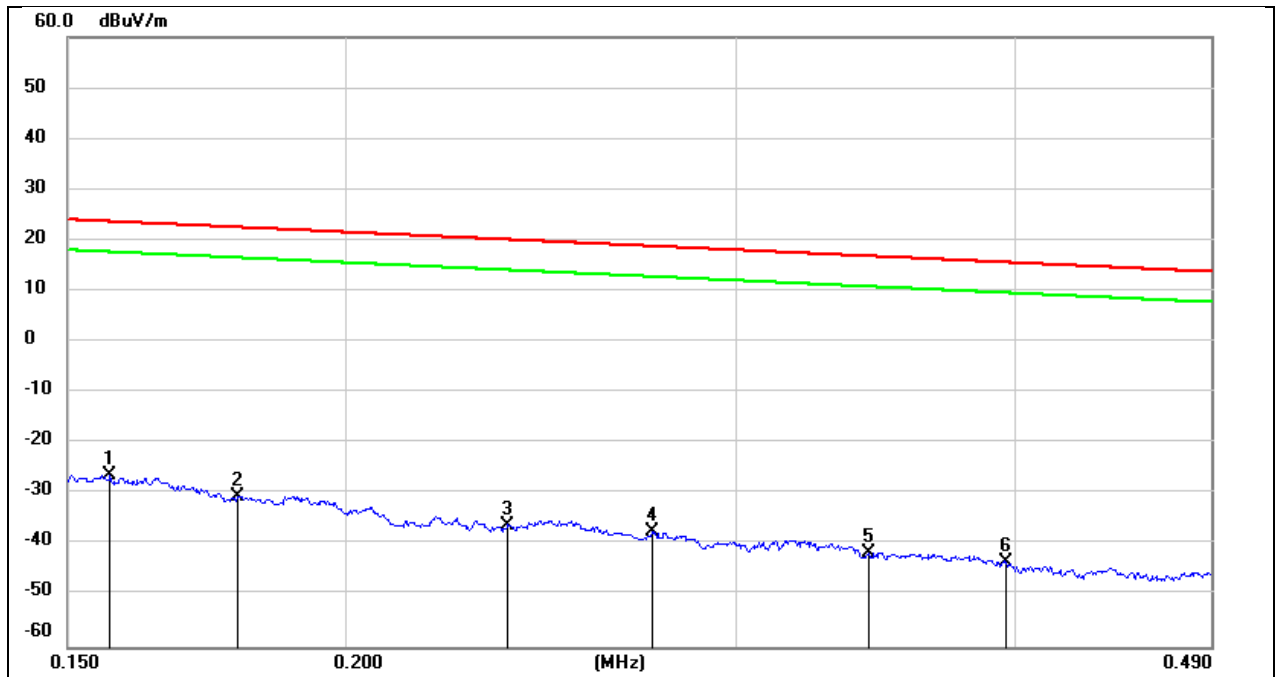
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



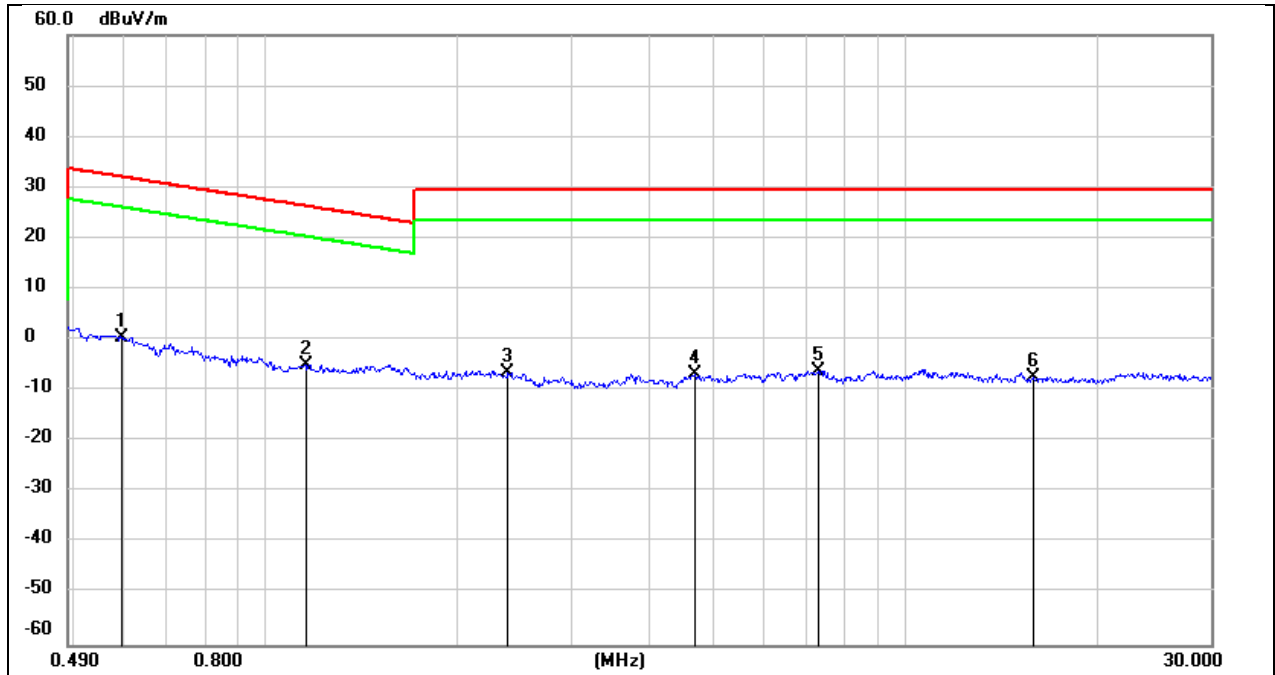
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0108	76.01	-101.39	-25.38	46.93	-72.31	peak
2	0.0160	70.91	-101.37	-30.46	43.52	-73.98	peak
3	0.0223	68.79	-101.35	-32.56	40.63	-73.19	peak
4	0.0417	63.58	-101.44	-37.86	35.20	-73.06	peak
5	0.0700	61.84	-101.57	-39.73	30.70	-70.43	peak
6	0.1019	57.85	-101.79	-43.94	27.44	-71.38	peak

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1567	75.45	-101.65	-26.20	23.70	-49.90	peak
2	0.1789	71.32	-101.68	-30.36	22.55	-52.91	peak
3	0.2366	65.78	-101.78	-36.00	20.12	-56.12	peak
4	0.2746	64.46	-101.83	-37.37	18.83	-56.20	peak
5	0.3441	60.38	-101.90	-41.52	16.87	-58.39	peak
6	0.3966	58.68	-101.96	-43.28	15.63	-58.91	peak

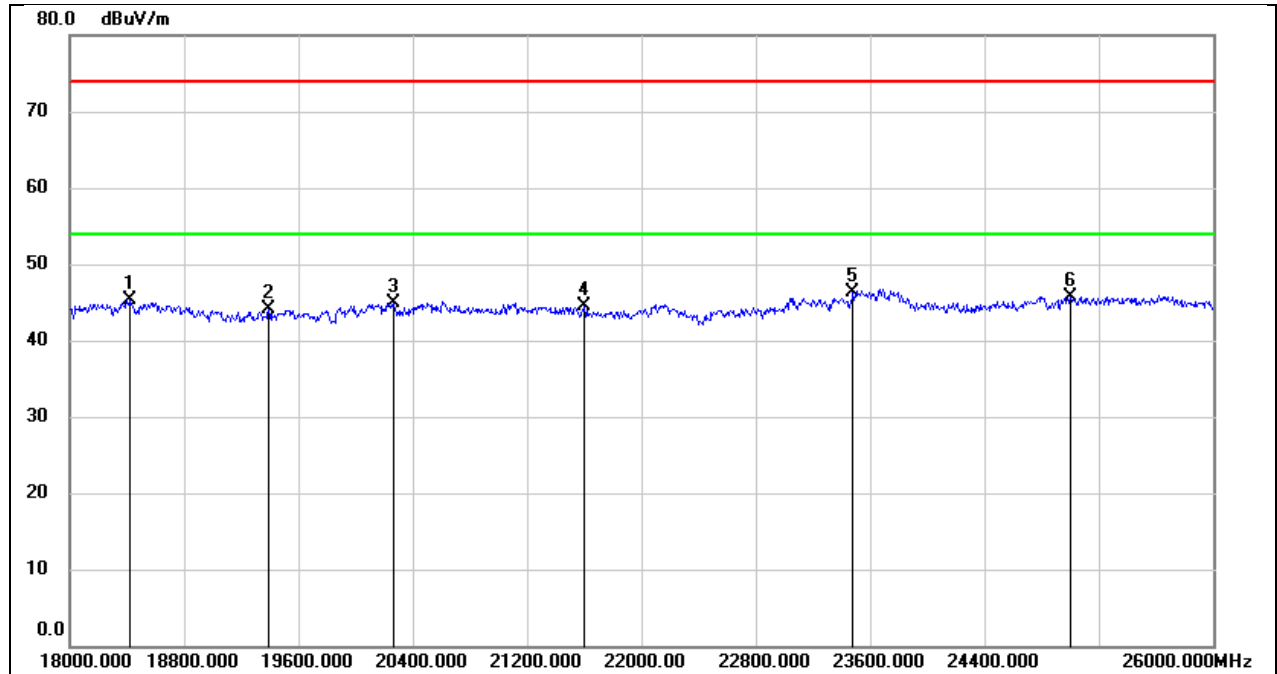
Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5945	62.62	-62.08	0.54	32.12	-31.58	peak
2	1.1531	57.25	-62.20	-4.95	26.37	-31.32	peak
3	2.3887	55.15	-61.72	-6.57	29.54	-36.11	peak
4	4.6905	54.82	-61.44	-6.62	29.54	-36.16	peak
5	7.3361	55.08	-61.17	-6.09	29.54	-35.63	peak
6	15.8940	53.55	-60.98	-7.43	29.54	-36.97	peak

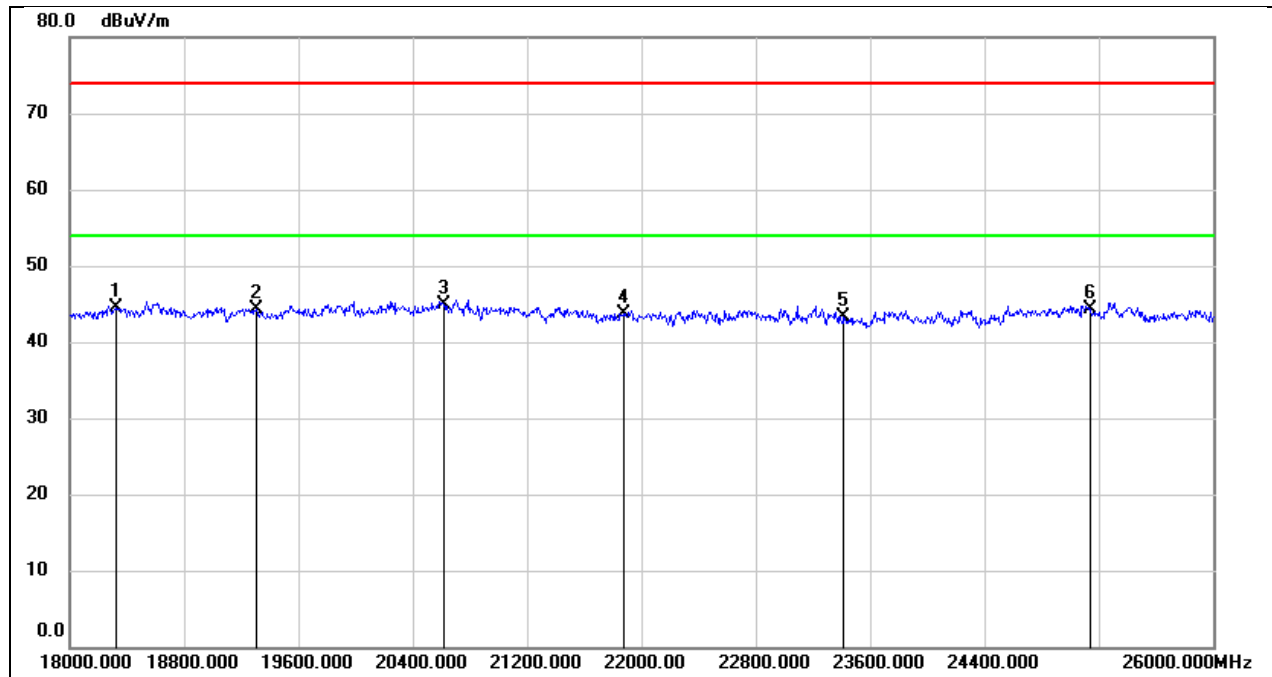
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18416.000	50.73	-5.35	45.38	74.00	-28.62	peak
2	19392.000	49.62	-5.57	44.05	74.00	-29.95	peak
3	20264.000	50.47	-5.60	44.87	74.00	-29.13	peak
4	21600.000	49.02	-4.54	44.48	74.00	-29.52	peak
5	23480.000	49.54	-3.16	46.38	74.00	-27.62	peak
6	25000.000	47.86	-2.10	45.76	74.00	-28.24	peak

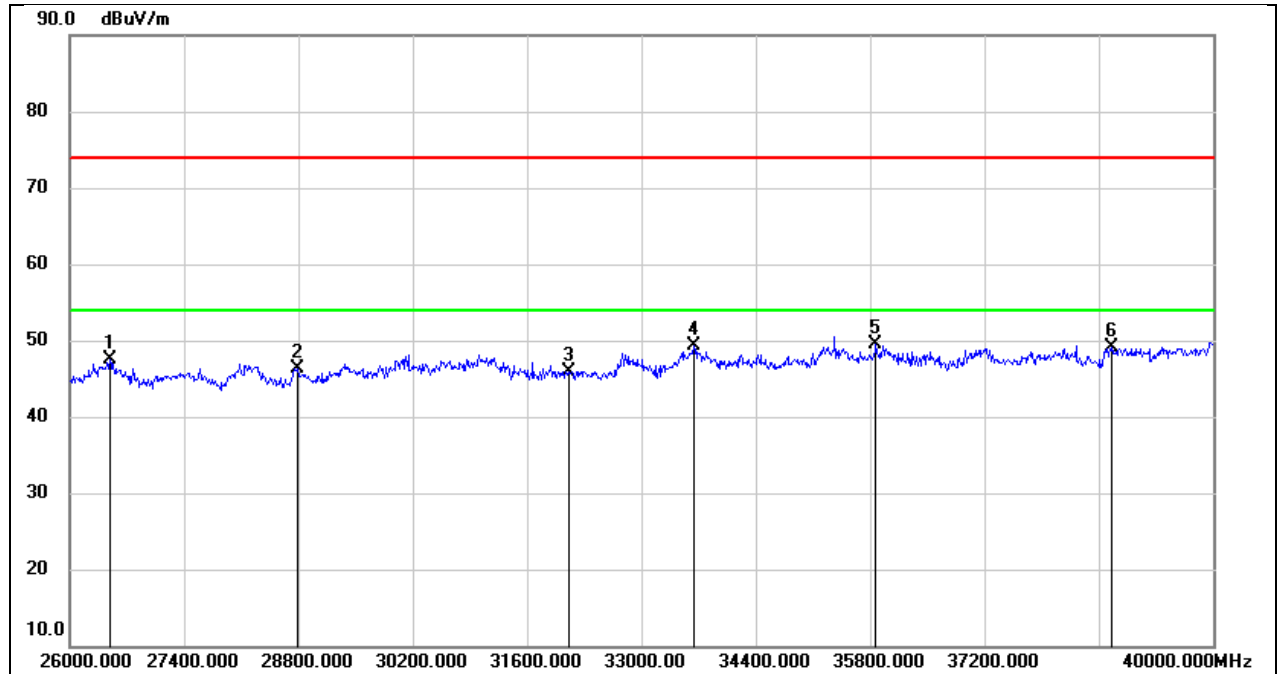
Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18328.000	49.99	-5.46	44.53	74.00	-29.47	peak
2	19304.000	49.91	-5.57	44.34	74.00	-29.66	peak
3	20616.000	50.13	-5.24	44.89	74.00	-29.11	peak
4	21872.000	48.09	-4.40	43.69	74.00	-30.31	peak
5	23416.000	46.56	-3.22	43.34	74.00	-30.66	peak
6	25144.000	46.20	-1.86	44.34	74.00	-29.66	peak

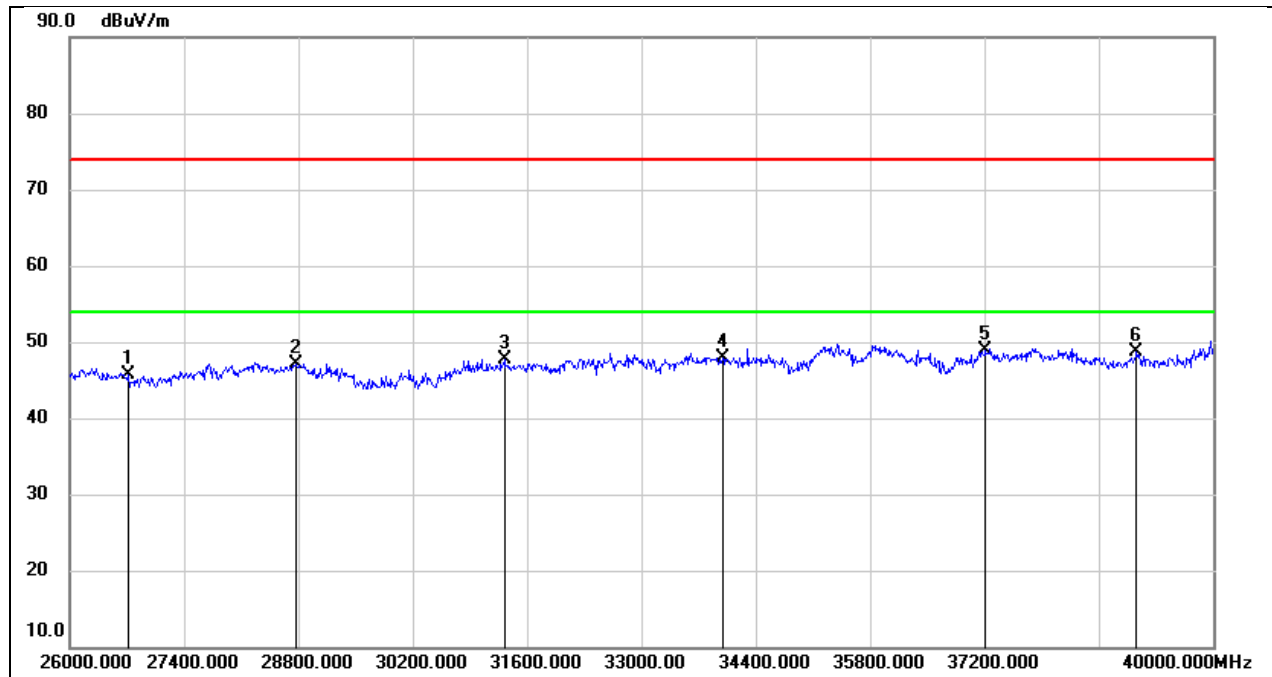
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	52.29	-4.74	47.55	74.00	-26.45	peak
2	28786.000	46.99	-0.64	46.35	74.00	-27.65	peak
3	32104.000	47.74	-1.75	45.99	74.00	-28.01	peak
4	33644.000	48.81	0.42	49.23	74.00	-24.77	peak
5	35870.000	45.83	3.75	49.58	74.00	-24.42	peak
6	38754.000	44.91	4.10	49.01	74.00	-24.99	peak

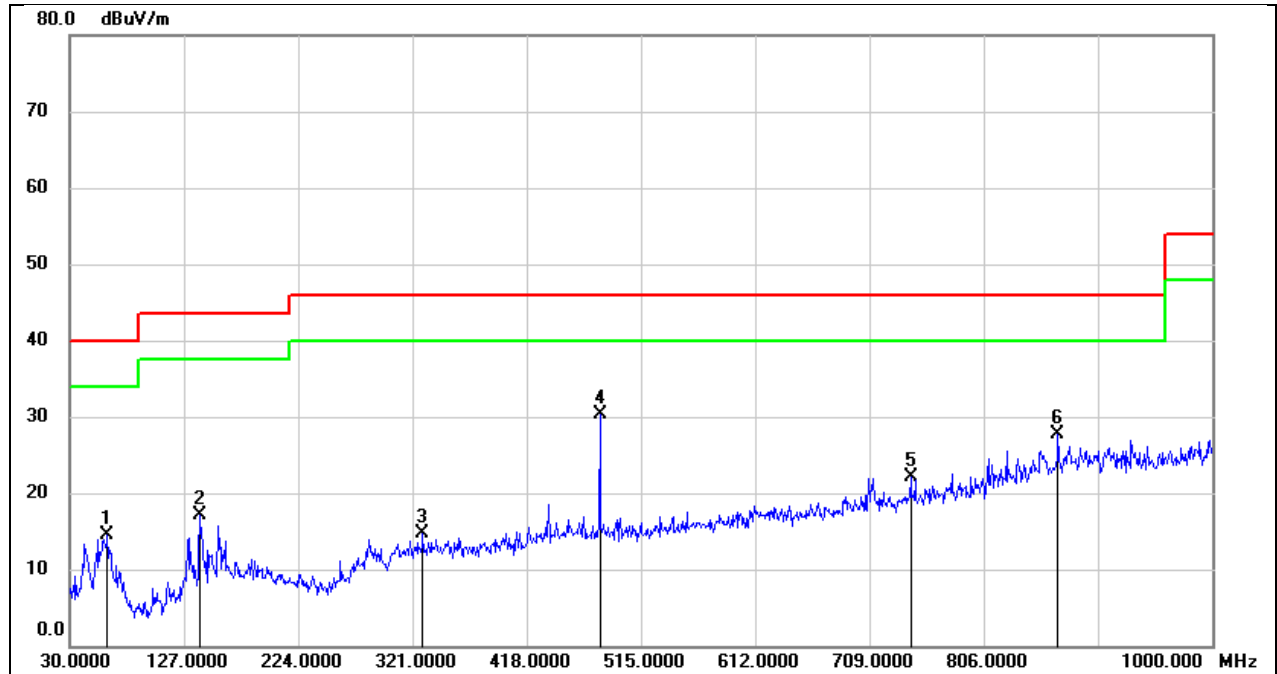
Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26714.000	50.62	-4.90	45.72	74.00	-28.28	peak
2	28772.000	47.66	-0.59	47.07	74.00	-26.93	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	33994.000	46.82	1.09	47.91	74.00	-26.09	peak
5	37214.000	45.80	3.15	48.95	74.00	-25.05	peak
6	39062.000	44.48	4.30	48.78	74.00	-25.22	peak

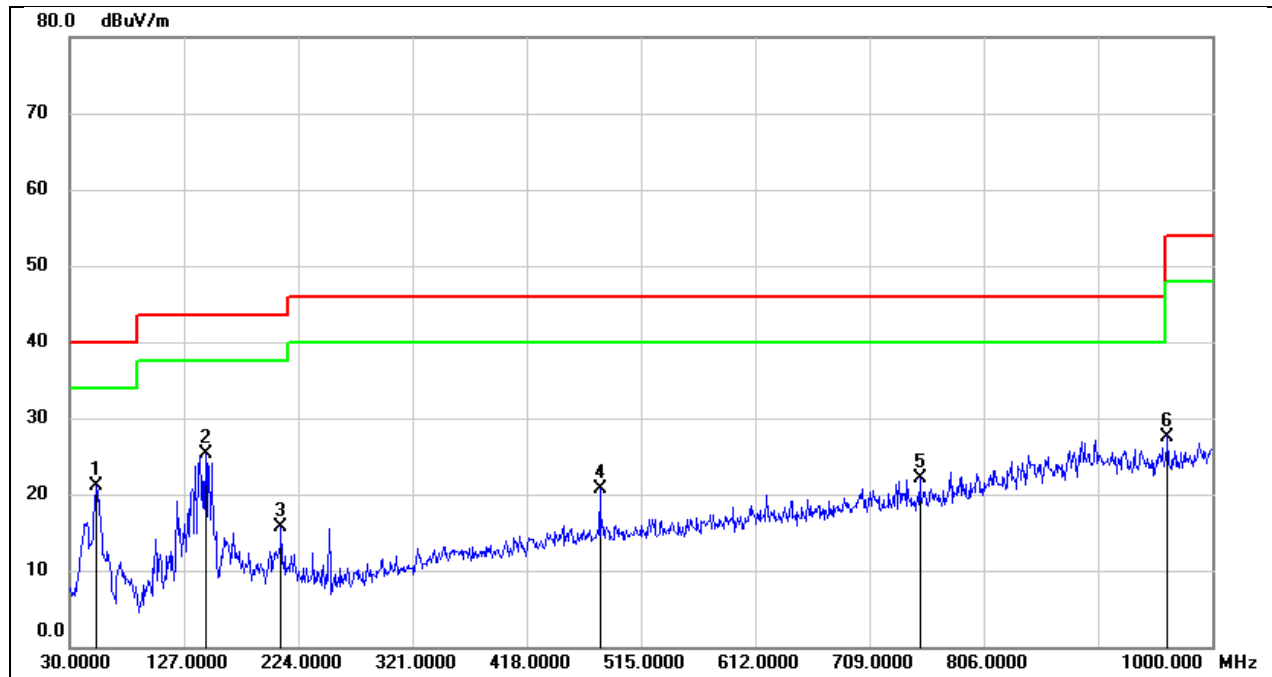
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	62.0100	29.47	-14.99	14.48	40.00	-25.52	QP
2	140.5800	31.04	-13.95	17.09	43.50	-26.41	QP
3	329.7300	25.06	-10.33	14.73	46.00	-31.27	QP
4	480.0800	38.21	-7.86	30.35	46.00	-15.65	QP
5	743.9200	25.74	-3.62	22.12	46.00	-23.88	QP
6	869.0500	28.71	-0.98	27.73	46.00	-18.27	QP

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	52.3100	36.22	-15.05	21.17	40.00	-18.83	QP
2	145.4299	39.10	-13.71	25.39	43.50	-18.11	QP
3	209.4500	28.32	-12.68	15.64	43.50	-27.86	QP
4	480.0800	28.54	-7.86	20.68	46.00	-25.32	QP
5	751.6800	25.62	-3.52	22.10	46.00	-23.90	QP
6	962.1700	28.27	-0.67	27.60	54.00	-26.40	QP

9. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203

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 shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC part 15.407(a)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

10. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a)

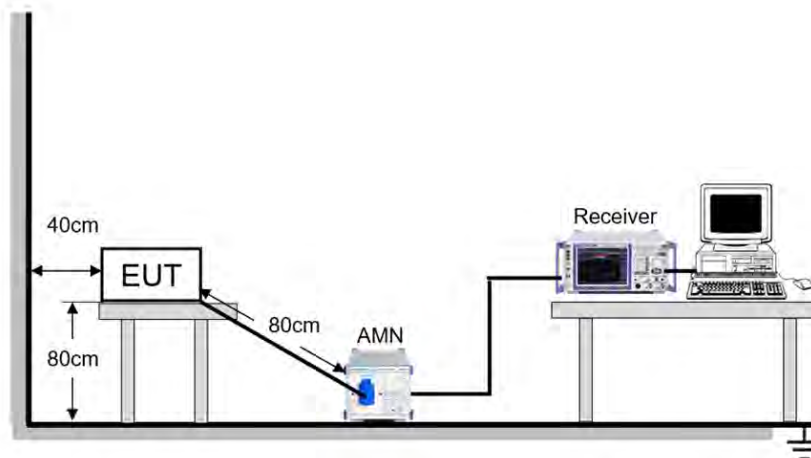
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST PROCEDURE

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

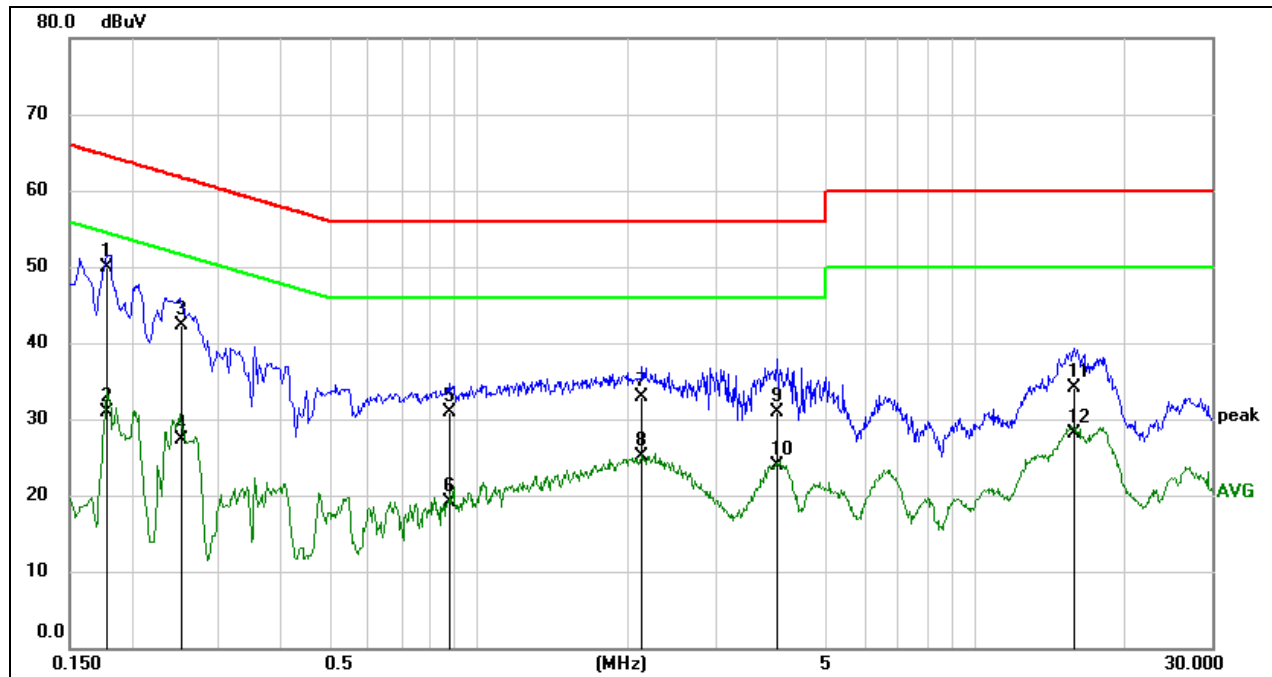
Temperature	22.4°C	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	September 4, 2025	Test By	Deacon Tan
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TEST RESULTS

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Line:	Line		



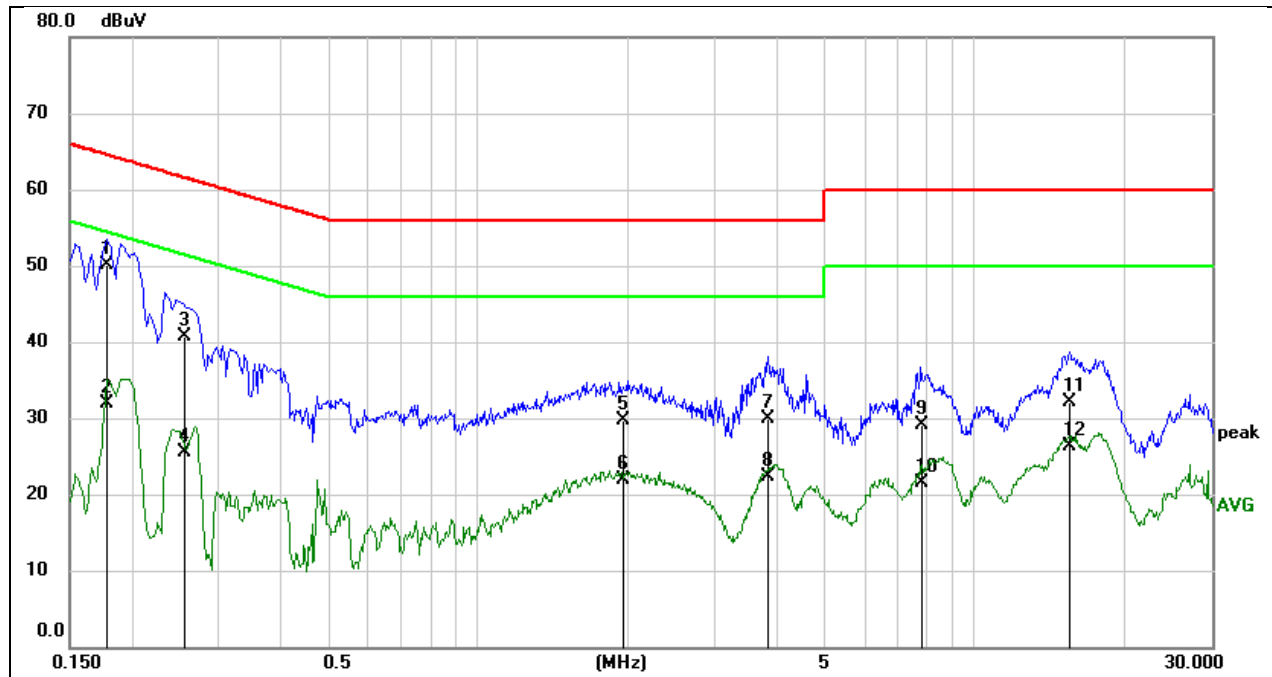
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1773	40.26	9.69	49.95	64.61	-14.66	QP
2	0.1773	21.21	9.69	30.90	54.61	-23.71	AVG
3	0.2531	32.58	9.64	42.22	61.65	-19.43	QP
4	0.2531	17.61	9.64	27.25	51.65	-24.40	AVG
5	0.8717	21.28	9.63	30.91	56.00	-25.09	QP
6	0.8717	9.47	9.63	19.10	46.00	-26.90	AVG
7	2.1312	23.11	9.74	32.85	56.00	-23.15	QP
8	2.1312	15.43	9.74	25.17	46.00	-20.83	AVG
9	3.9869	21.17	9.73	30.90	56.00	-25.10	QP
10	3.9869	14.16	9.73	23.89	46.00	-22.11	AVG
11	15.8451	24.28	9.74	34.02	60.00	-25.98	QP
12	15.8451	18.35	9.74	28.09	50.00	-21.91	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	SRD 5G 1.4M	Frequency(MHz):	5728.5
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1782	40.42	9.64	50.06	64.57	-14.51	QP
2	0.1782	22.35	9.64	31.99	54.57	-22.58	AVG
3	0.2573	31.09	9.64	40.73	61.52	-20.79	QP
4	0.2573	15.80	9.64	25.44	51.52	-26.08	AVG
5	1.9550	20.04	9.64	29.68	56.00	-26.32	QP
6	1.9550	12.29	9.64	21.93	46.00	-24.07	AVG
7	3.8361	20.19	9.63	29.82	56.00	-26.18	QP
8	3.8361	12.61	9.63	22.24	46.00	-23.76	AVG
9	7.8658	19.35	9.73	29.08	60.00	-30.92	QP
10	7.8658	11.82	9.73	21.55	50.00	-28.45	AVG
11	15.5474	22.44	9.74	32.18	60.00	-27.82	QP
12	15.5474	16.50	9.74	26.24	50.00	-23.76	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

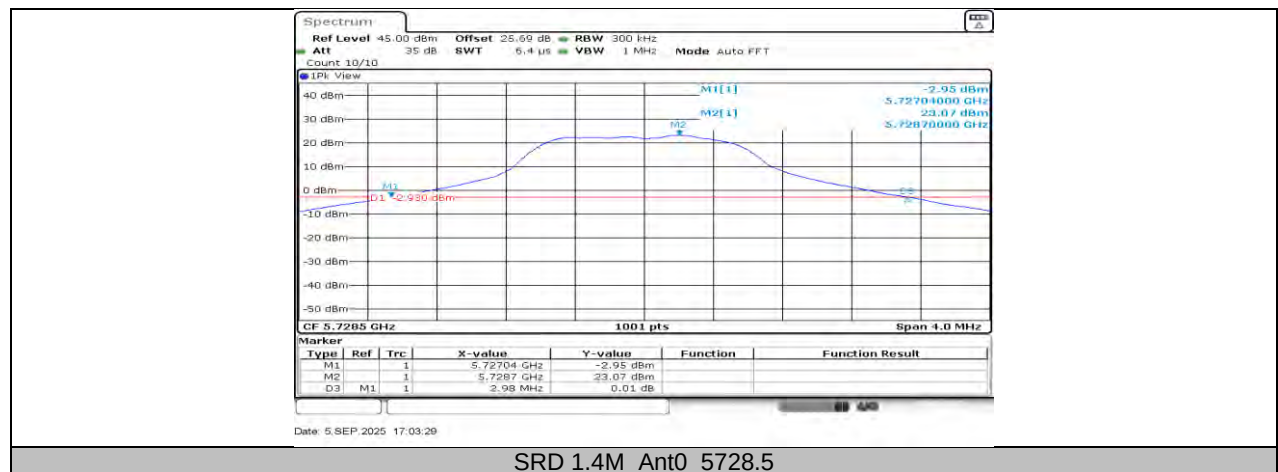
11. TEST DATA

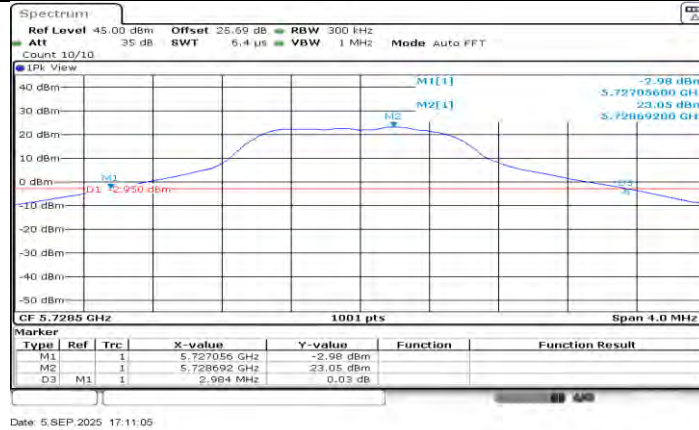
11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

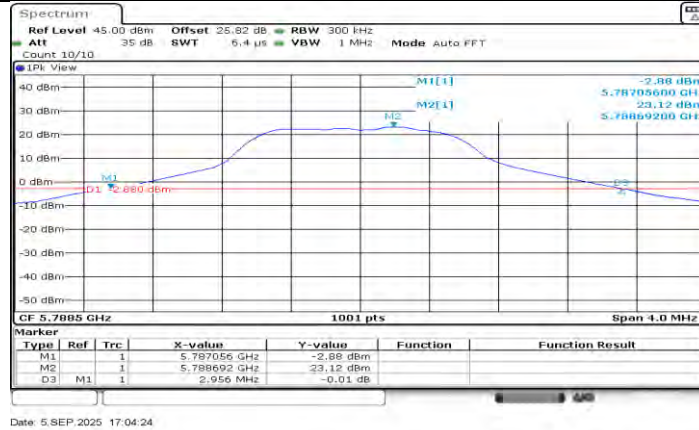
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
SRD 1.4M	Ant0	5728.5	2.98	5727.04	5730.02	PASS
	Ant1	5728.5	2.98	5727.06	5730.04	PASS
	Ant0	5788.5	2.96	5787.06	5790.01	PASS
	Ant1	5788.5	2.97	5787.04	5790.01	PASS
	Ant0	5848.12	2.98	5846.65	5849.63	PASS
	Ant1	5848.12	2.98	5846.63	5849.62	PASS
SRD 3M	Ant0	5727.5	4.19	5725.41	5729.59	PASS
	Ant1	5727.5	4.22	5725.42	5729.64	PASS
	Ant0	5787.5	4.20	5785.42	5789.62	PASS
	Ant1	5787.5	4.18	5785.41	5789.59	PASS
	Ant0	5847.2	4.20	5845.12	5849.32	PASS
	Ant1	5847.2	4.21	5845.08	5849.29	PASS
SRD 10M	Ant0	5730.5	10.08	5725.38	5735.46	PASS
	Ant1	5730.5	10.08	5725.50	5735.58	PASS
	Ant0	5787.5	11.24	5782.42	5793.66	PASS
	Ant1	5787.5	10.32	5782.46	5792.78	PASS
	Ant0	5844.5	10.20	5839.34	5849.54	PASS
	Ant1	5844.5	10.96	5838.94	5849.90	PASS
SRD 20M	Ant0	5735.5	19.12	5726.02	5745.14	PASS
	Ant1	5735.5	19.20	5725.82	5745.02	PASS
	Ant0	5787.5	21.88	5776.30	5798.18	PASS
	Ant1	5787.5	19.08	5777.94	5797.02	PASS
	Ant0	5839.5	20.28	5828.94	5849.22	PASS
	Ant1	5839.5	19.48	5829.78	5849.26	PASS
SRD 40M	Ant0	5745.5	37.84	5726.70	5764.54	PASS
	Ant1	5745.5	37.60	5726.62	5764.22	PASS
	Ant0	5787.5	38.00	5768.54	5806.54	PASS
	Ant1	5787.5	38.16	5768.46	5806.62	PASS
	Ant0	5829.5	38.24	5810.22	5848.46	PASS
	Ant1	5829.5	37.84	5810.54	5848.38	PASS

11.1.2. Test Graphs





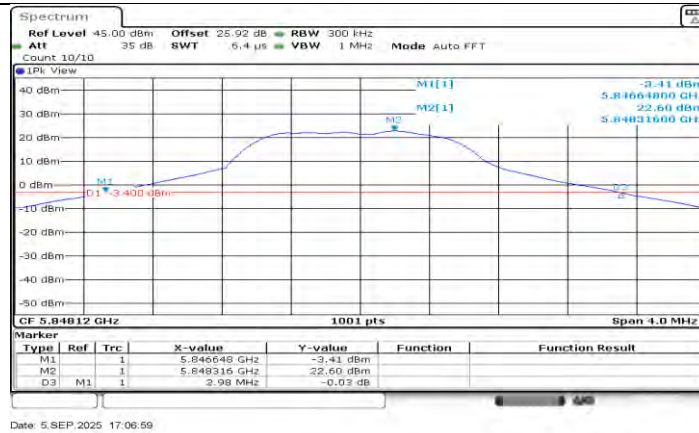
SRD 1.4M_Ant1_5728.5



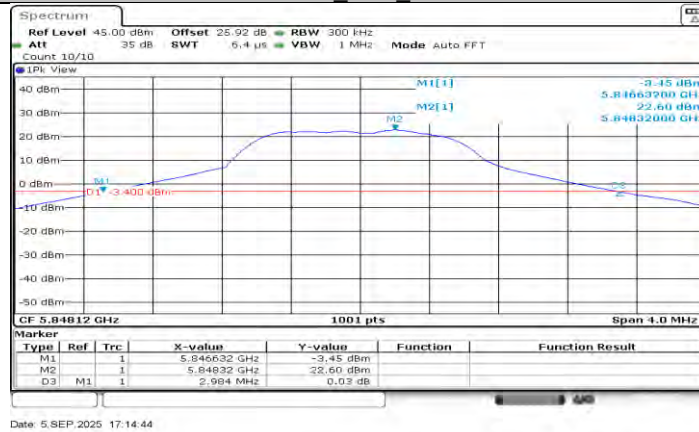
SRD 1.4M_Ant0_5788.5



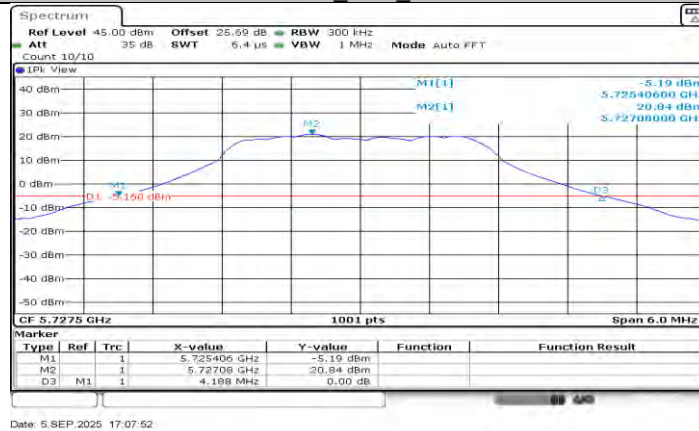
SRD 1.4M_Ant1_5788.5



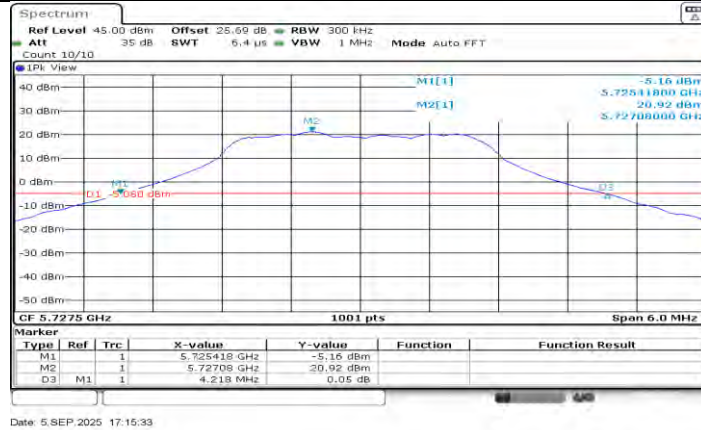
SRD 1.4M_Ant0_5848.12



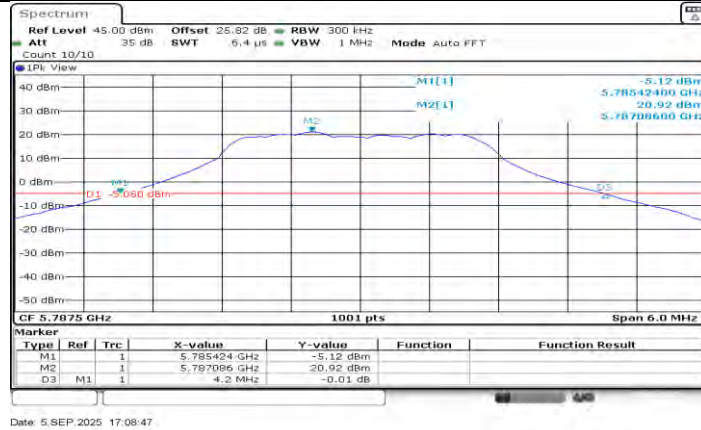
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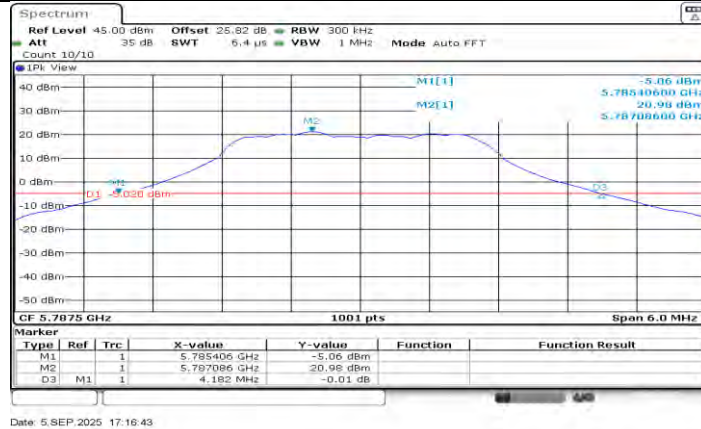
SRD 3M_Ant0_5727.5



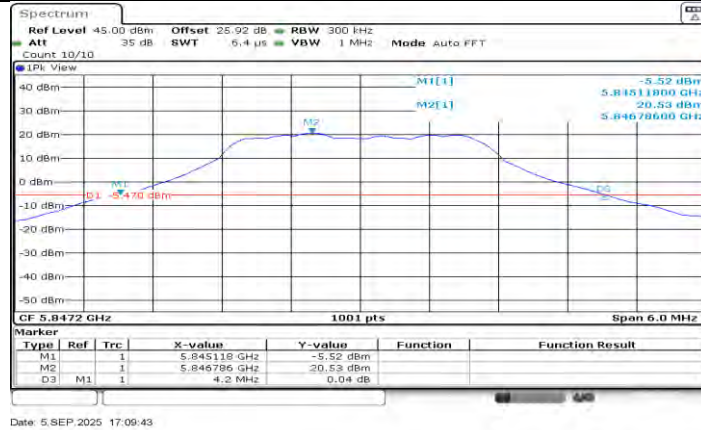
SRD 3M_Ant1_5727.5



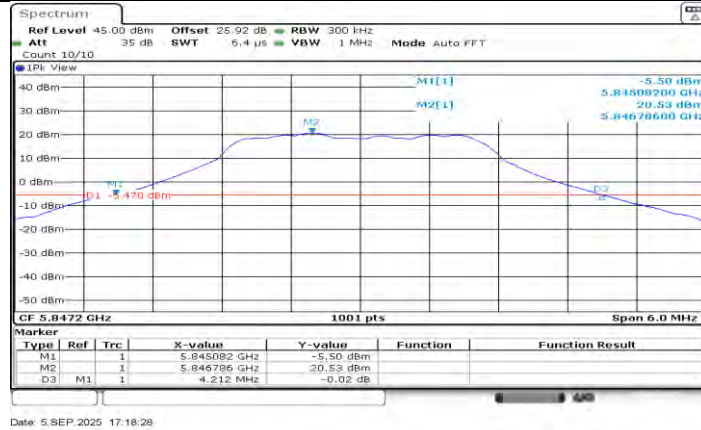
SRD 3M_Ant0_5787.5



SRD 3M_Ant1_5787.5



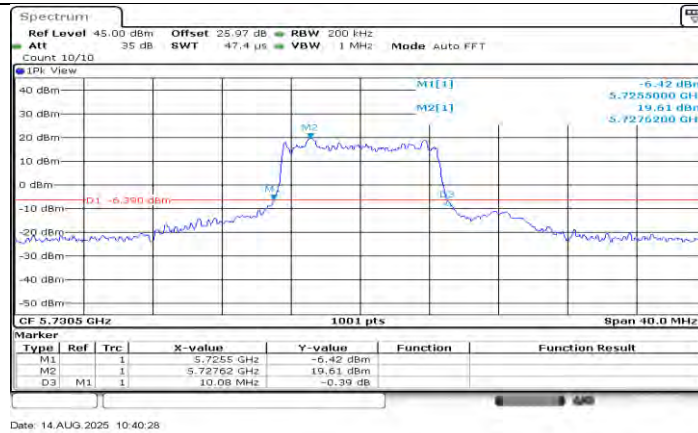
SRD 3M_Ant0_5847.2



SRD 3M_Ant1_5847.2



SRD 10M_Ant0_5730.5



SRD 10M_Ant1_5730.5



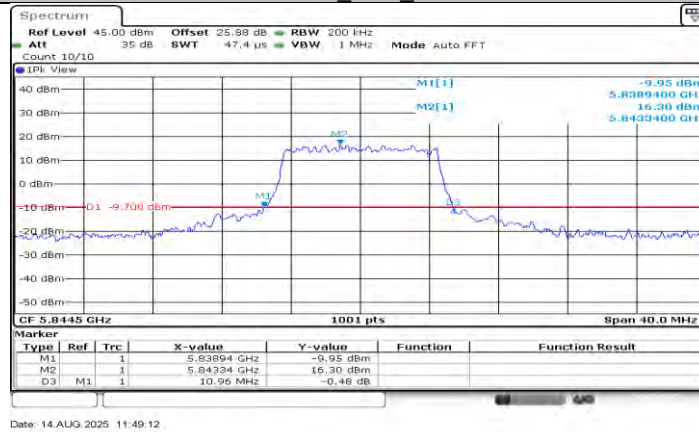
SRD 10M_Ant0_5787.5



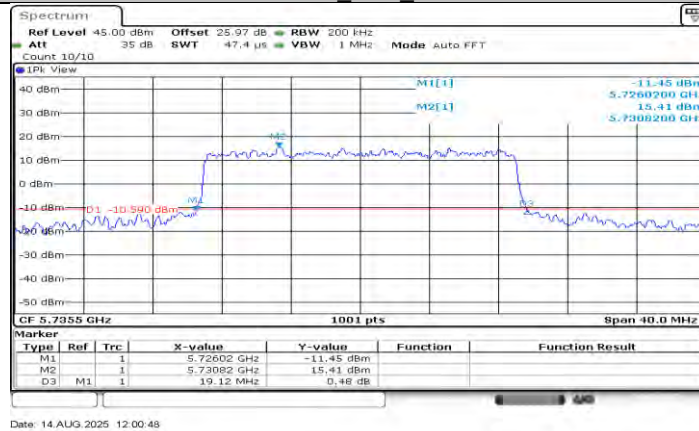
SRD 10M_Ant1_5787.5



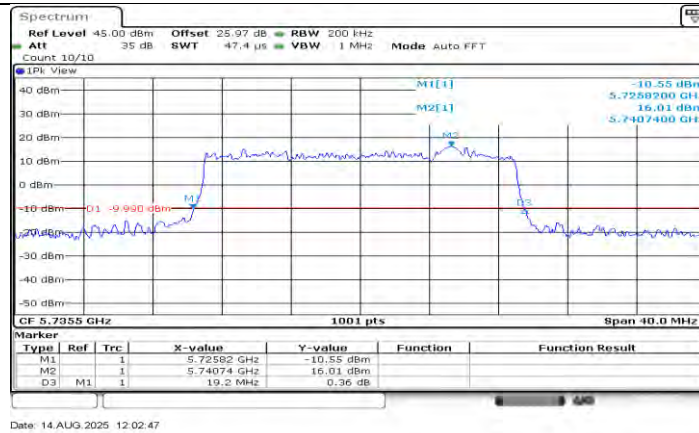
SRD 10M_Ant0_5844.5



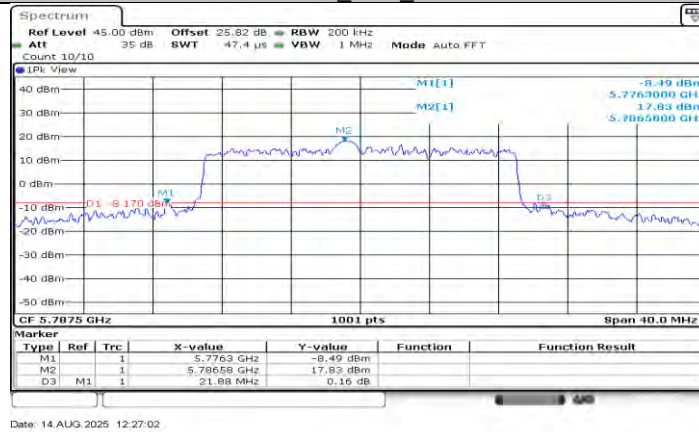
SRD 10M_Ant1_5844.5



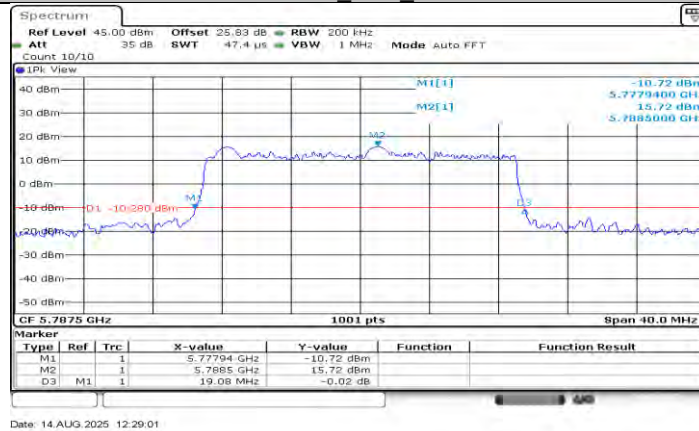
SRD 20M_Ant0_5735.5



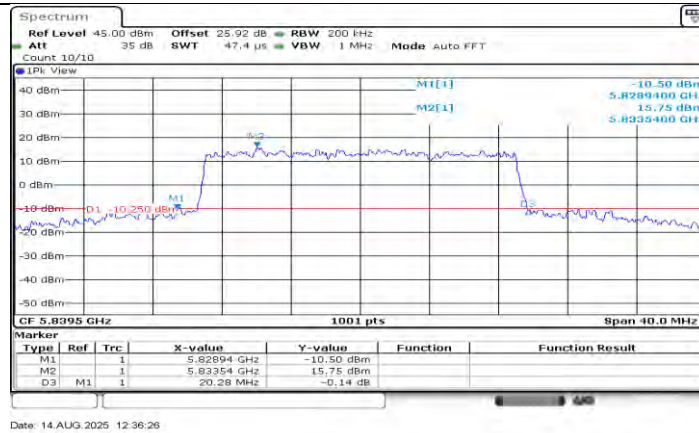
SRD 20M_Ant1_5735.5



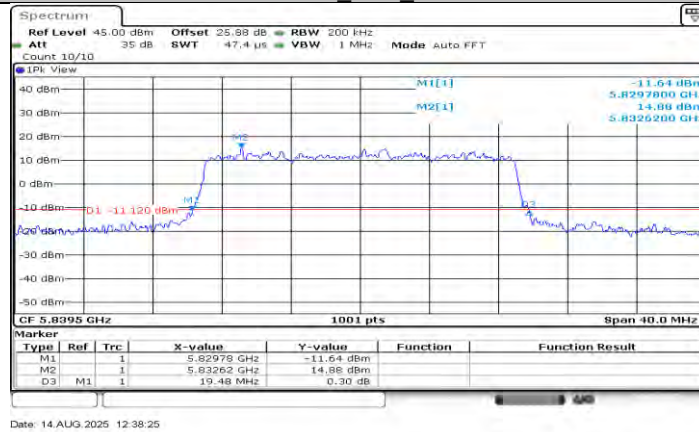
SRD 20M_Ant0_5787.5



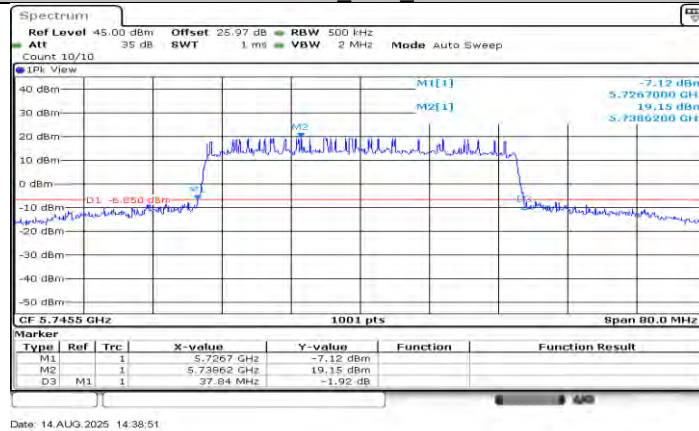
SRD 20M_Ant1_5787.5



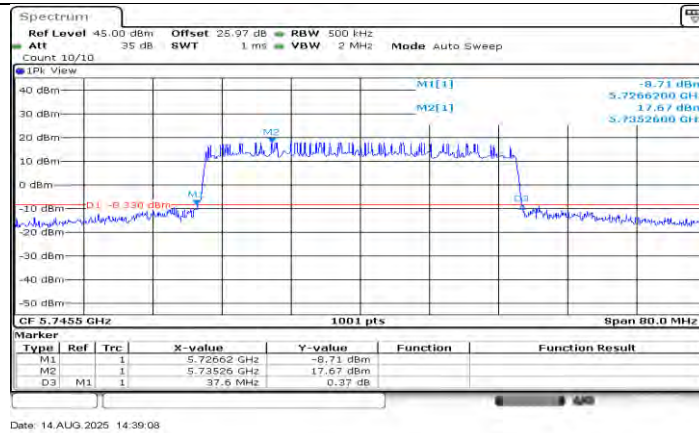
SRD 20M_Ant0_5839.5



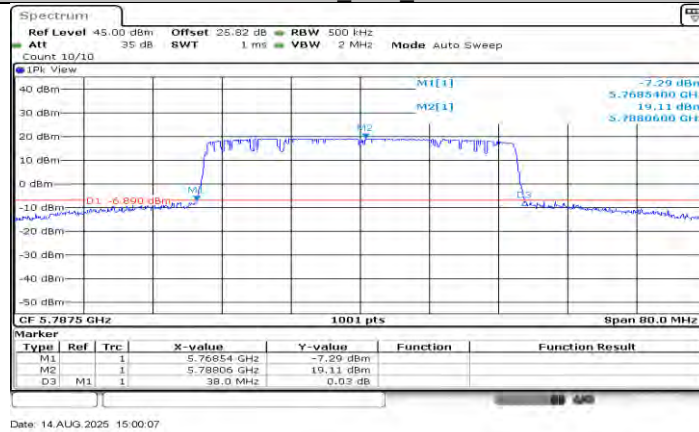
SRD 20M_Ant1_5839.5



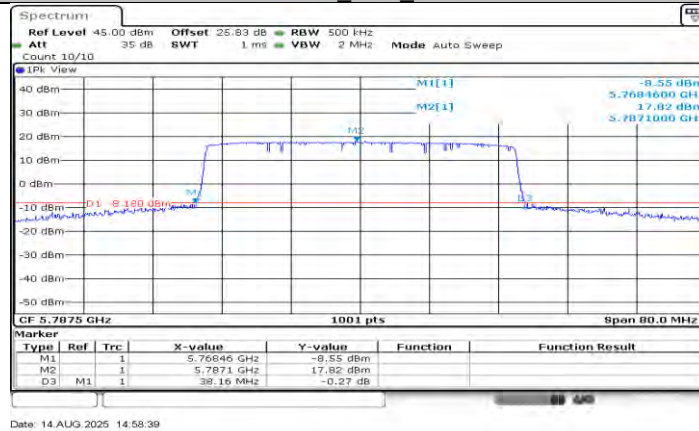
SRD 40M_Ant0_5745.5



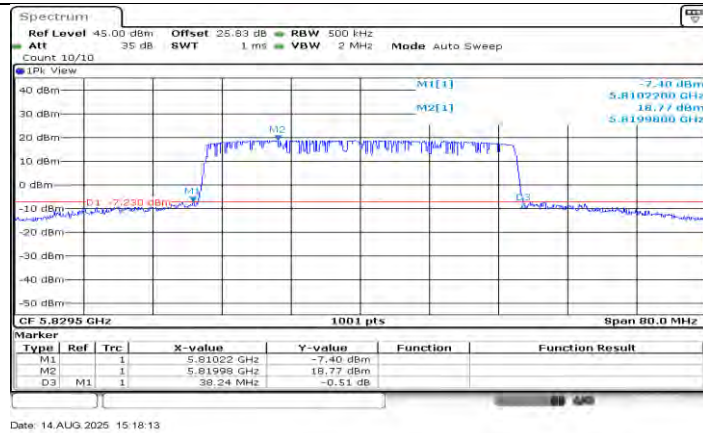
SRD 40M_Ant1_5745.5



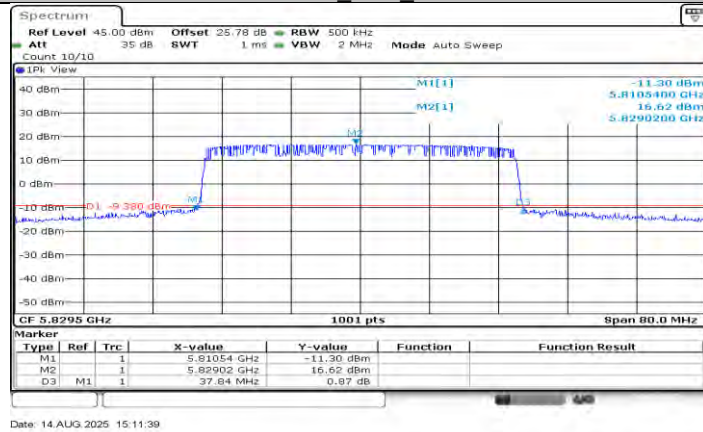
SRD 40M_Ant0_5787.5



SRD 40M_Ant1_5787.5



SRD 40M_Ant0_5829.5



SRD 40M_Ant1_5829.5

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
SRD 1.4M	Ant0	5728.5	1.187	5727.9006	5729.0874	PASS
	Ant1	5728.5	1.379	5727.7687	5729.1474	PASS
	Ant0	5788.5	1.183	5787.9046	5789.0874	PASS
	Ant1	5788.5	1.415	5787.7448	5789.1593	PASS
	Ant0	5848.12	1.203	5847.5126	5848.7154	PASS
	Ant1	5848.12	1.383	5847.3807	5848.7634	PASS
SRD 3M	Ant0	5727.5	2.2	5726.3971	5728.5969	PASS
	Ant1	5727.5	2.194	5726.4151	5728.6089	PASS
	Ant0	5787.5	2.326	5786.3312	5788.6568	PASS
	Ant1	5787.5	2.194	5786.4151	5788.6089	PASS
	Ant0	5847.2	2.278	5846.0551	5848.3329	PASS
	Ant1	5847.2	2.194	5846.1151	5848.3089	PASS
SRD 10M	Ant0	5730.5	9.391	5725.8247	5735.2153	PASS
	Ant1	5730.5	9.271	5725.8646	5735.1354	PASS
	Ant0	5787.5	9.431	5782.8247	5792.2552	PASS
	Ant1	5787.5	9.271	5782.8646	5792.1354	PASS
	Ant0	5844.5	9.431	5839.8247	5849.2552	PASS
	Ant1	5844.5	9.271	5839.8646	5849.1354	PASS
SRD 20M	Ant0	5735.5	17.822	5726.6289	5744.4510	PASS
	Ant1	5735.5	17.822	5726.5889	5744.4111	PASS
	Ant0	5787.5	17.862	5778.5889	5796.4510	PASS
	Ant1	5787.5	17.862	5778.5889	5796.4510	PASS
	Ant0	5839.5	17.942	5830.5490	5848.4910	PASS
	Ant1	5839.5	17.862	5830.5889	5848.4510	PASS
SRD 40M	Ant0	5745.5	36.763	5727.1983	5763.9615	PASS
	Ant1	5745.5	36.364	5727.3581	5763.7218	PASS
	Ant0	5787.5	37.003	5768.9585	5805.9615	PASS
	Ant1	5787.5	36.444	5769.2782	5805.7218	PASS
	Ant0	5829.5	37.562	5810.6389	5848.2013	PASS
	Ant1	5829.5	36.523	5811.1983	5847.7218	PASS

11.2.2. Test Graphs





SRD 1.4M_Ant1_5788.5



SRD 1.4M_Ant0_5848.12



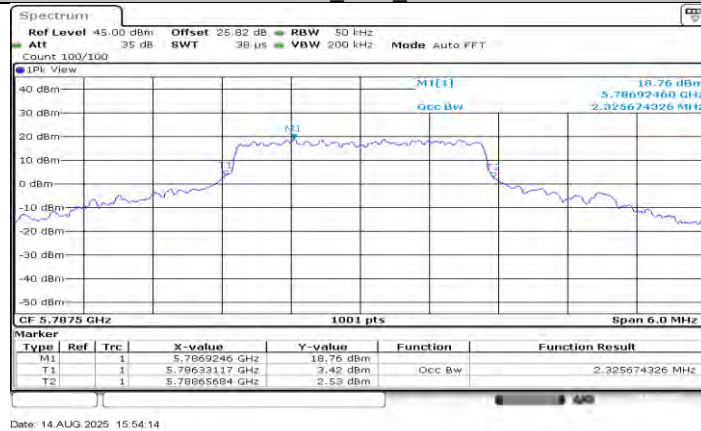
SRD 1.4M_Ant1_5848.12



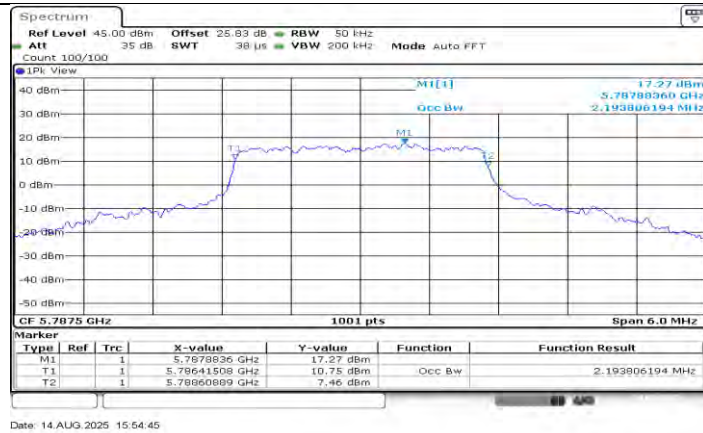
SRD 3M_Ant0_5727.5



SRD 3M_Ant1_5727.5



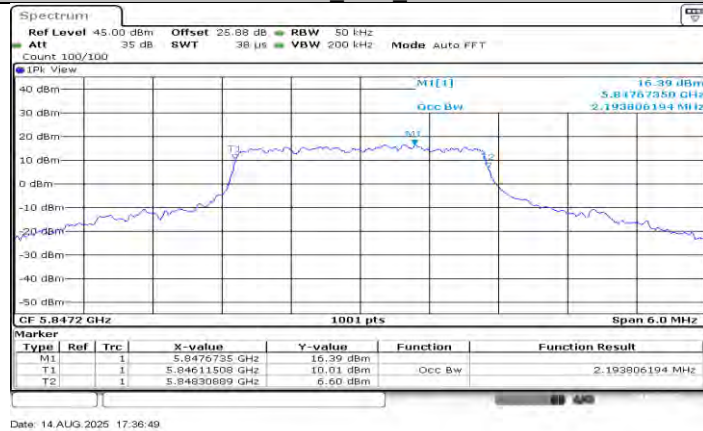
SRD 3M_Ant0_5787.5



SRD 3M_Ant1_5787.5



SRD 3M_Ant0_5847.2



SRD 3M_Ant1_5847.2



SRD 10M_Ant0_5730.5



SRD 10M_Ant1_5730.5



SRD 10M_Ant0_5787.5



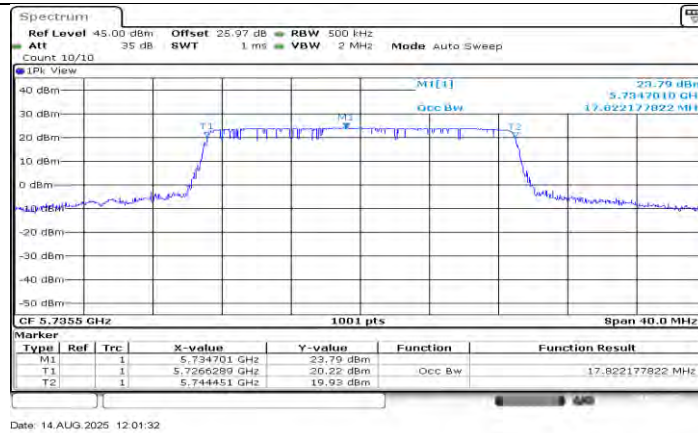
SRD 10M_Ant1_5787.5



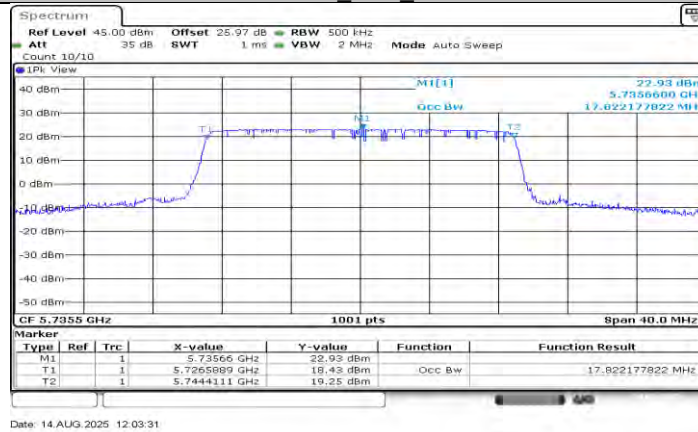
SRD 10M_Ant0_5844.5



SRD 10M_Ant1_5844.5



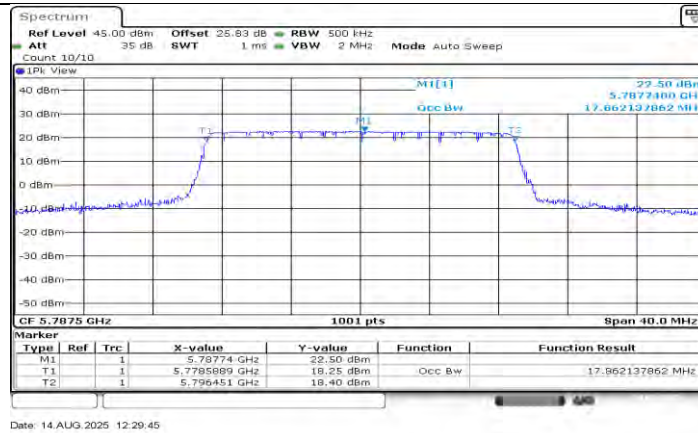
SRD 20M_Ant0_5735.5



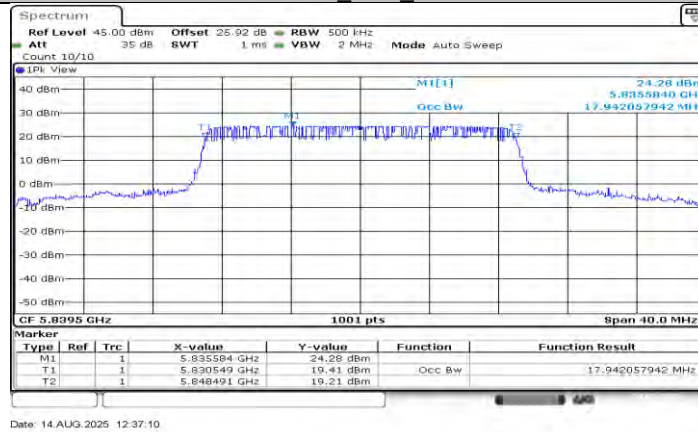
SRD 20M_Ant1_5735.5



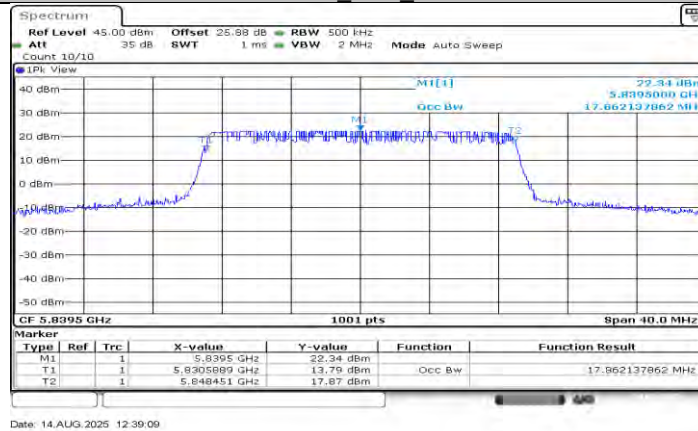
SRD 20M_Ant0_5787.5



SRD 20M_Ant1_5787.5



SRD 20M_Ant0_5839.5



SRD 20M_Ant1_5839.5



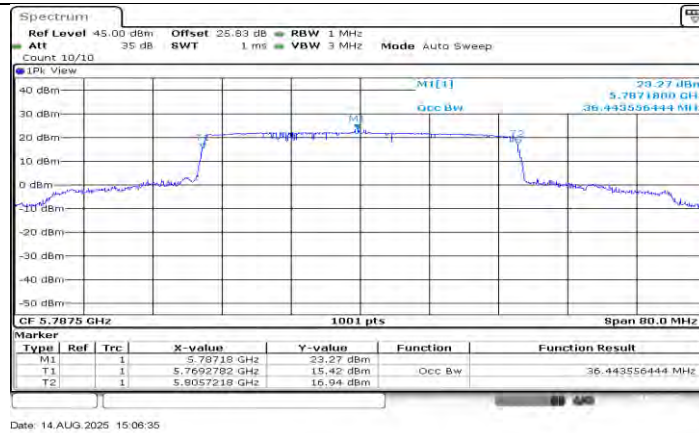
SRD 40M_Ant0_5745.5



SRD 40M_Ant1_5745.5



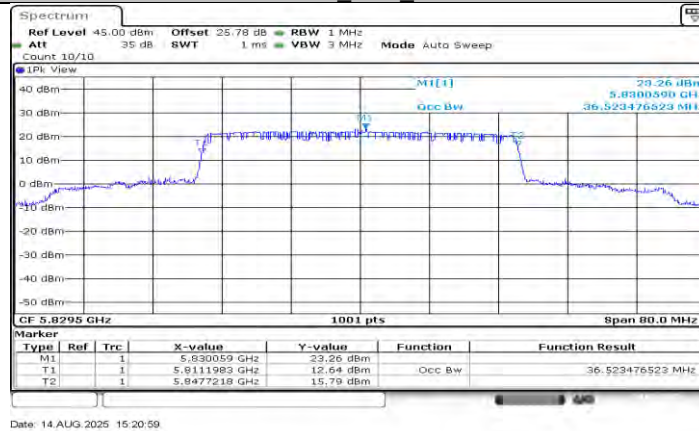
SRD 40M_Ant0_5787.5



SRD 40M_Ant1_5787.5



SRD 40M_Ant0_5829.5



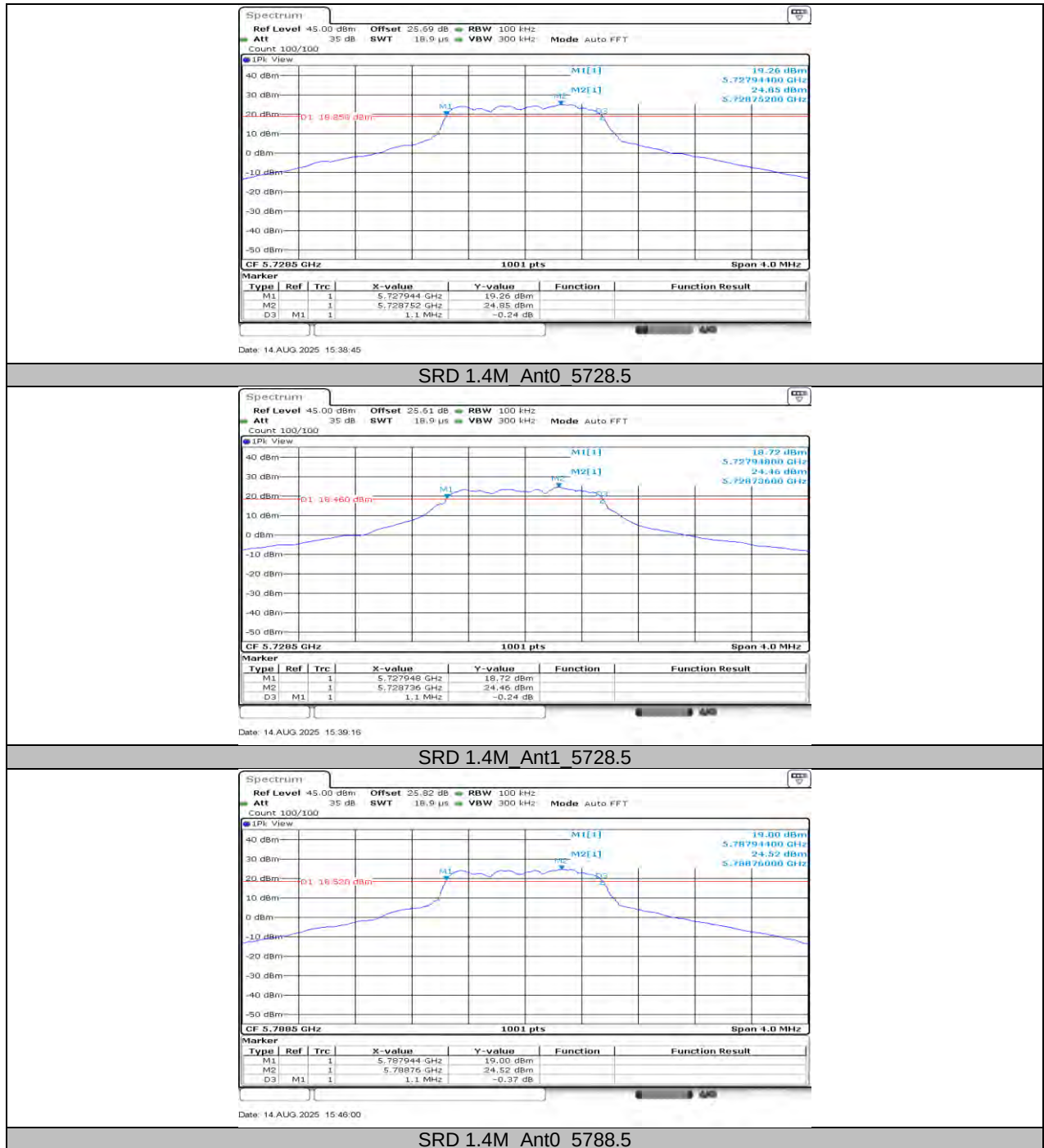
SRD 40M_Ant1_5829.5

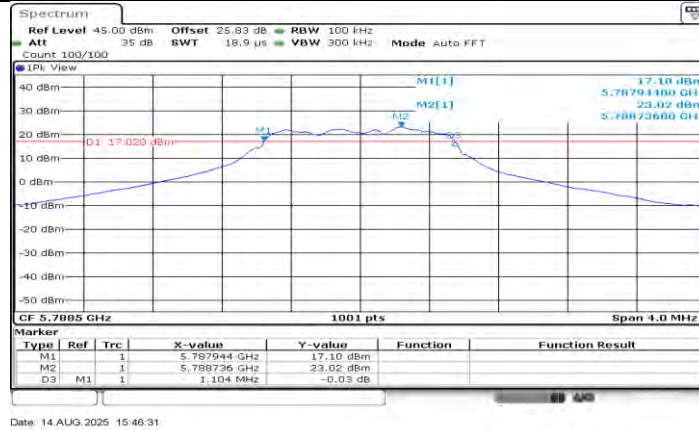
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD 1.4M	Ant0	5728.5	1.10	5727.94	5729.04	≥0.5	PASS
	Ant1	5728.5	1.10	5727.95	5729.05	≥0.5	PASS
	Ant0	5788.5	1.10	5787.94	5789.04	≥0.5	PASS
	Ant1	5788.5	1.10	5787.94	5789.05	≥0.5	PASS
	Ant0	5848.12	1.11	5847.56	5848.67	≥0.5	PASS
	Ant1	5848.12	1.10	5847.57	5848.66	≥0.5	PASS
SRD 3M	Ant0	5727.5	2.18	5726.40	5728.59	≥0.5	PASS
	Ant1	5727.5	2.16	5726.42	5728.58	≥0.5	PASS
	Ant0	5787.5	2.17	5786.41	5788.58	≥0.5	PASS
	Ant1	5787.5	2.16	5786.42	5788.58	≥0.5	PASS
	Ant0	5847.2	2.18	5846.10	5848.28	≥0.5	PASS
	Ant1	5847.2	2.16	5846.12	5848.28	≥0.5	PASS
SRD 10M	Ant0	5730.5	9.04	5725.98	5735.02	≥0.5	PASS
	Ant1	5730.5	9.00	5725.98	5734.98	≥0.5	PASS
	Ant0	5787.5	9.04	5782.98	5792.02	≥0.5	PASS
	Ant1	5787.5	9.00	5782.98	5791.98	≥0.5	PASS
	Ant0	5844.5	9.00	5839.98	5848.98	≥0.5	PASS
	Ant1	5844.5	8.96	5840.02	5848.98	≥0.5	PASS
SRD 20M	Ant0	5735.5	17.96	5726.50	5744.46	≥0.5	PASS
	Ant1	5735.5	18.00	5726.50	5744.50	≥0.5	PASS
	Ant0	5787.5	18.00	5778.50	5796.50	≥0.5	PASS
	Ant1	5787.5	18.00	5778.50	5796.50	≥0.5	PASS
	Ant0	5839.5	18.00	5830.50	5848.50	≥0.5	PASS
	Ant1	5839.5	17.96	5830.54	5848.50	≥0.5	PASS
SRD 40M	Ant0	5745.5	36.00	5727.58	5763.58	≥0.5	PASS
	Ant1	5745.5	35.92	5727.58	5763.50	≥0.5	PASS
	Ant0	5787.5	35.92	5769.58	5805.50	≥0.5	PASS
	Ant1	5787.5	36.00	5769.50	5805.50	≥0.5	PASS
	Ant0	5829.5	36.00	5811.50	5847.50	≥0.5	PASS
	Ant1	5829.5	36.00	5811.50	5847.50	≥0.5	PASS

11.3.2. Test Graphs

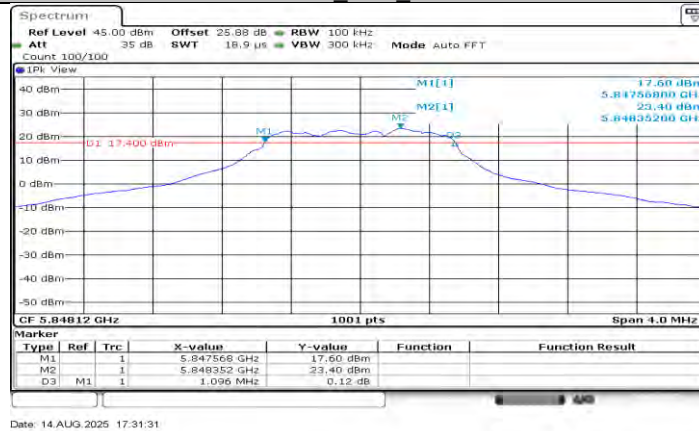




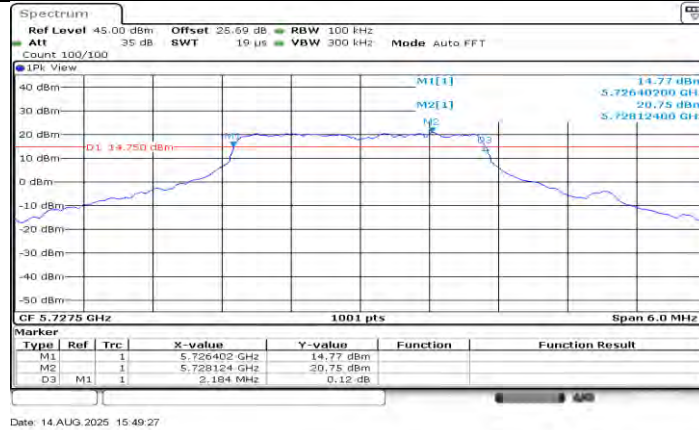
SRD 1.4M_Ant1_5788.5



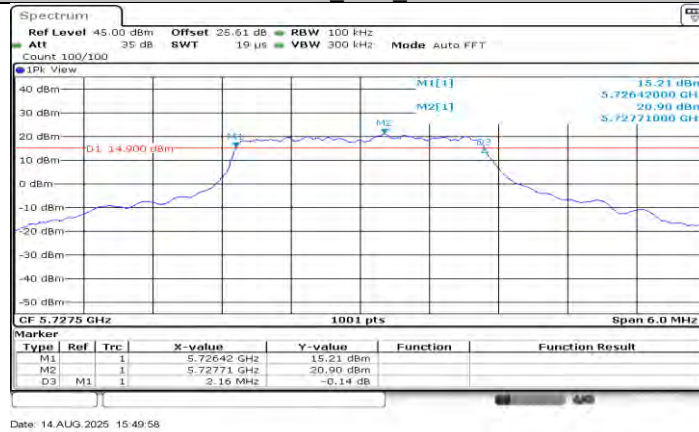
SRD 1.4M_Ant0_5848.12



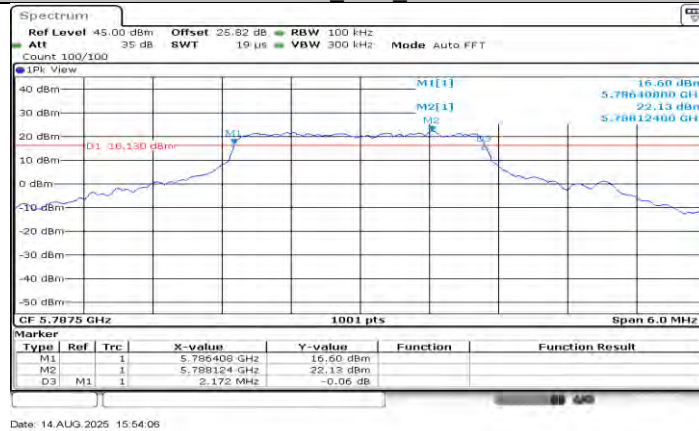
SRD 1.4M_Ant1_5848.12



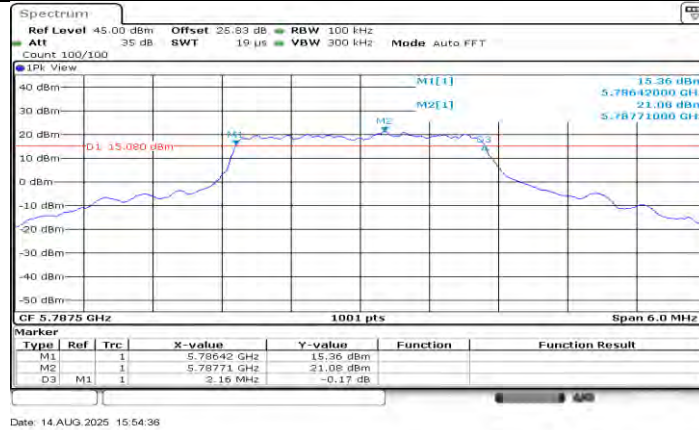
SRD 3M_Ant0_5727.5



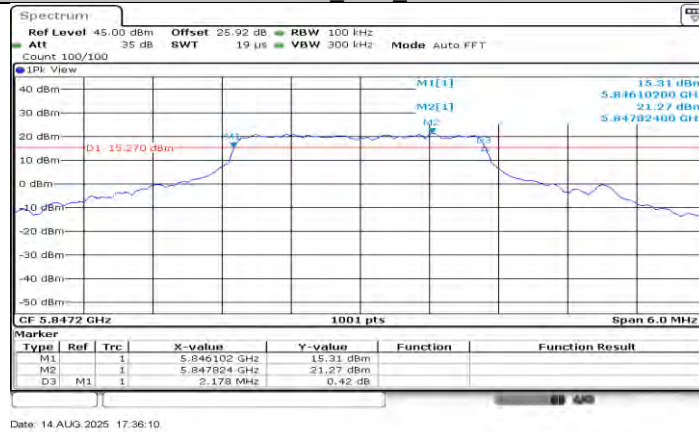
SRD 3M_Ant1_5727.5



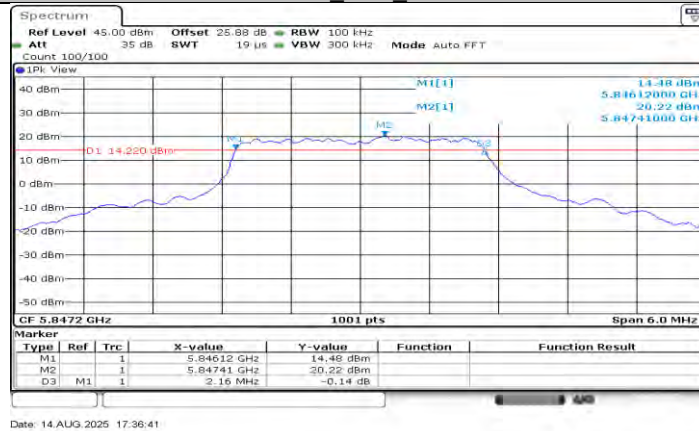
SRD 3M_Ant0_5787.5



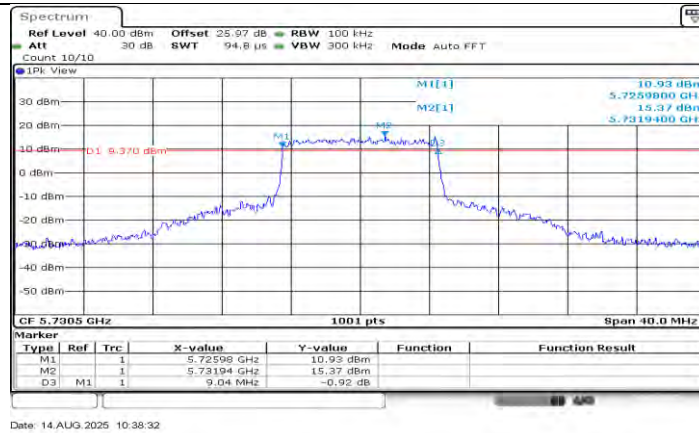
SRD 3M_Ant1_5787.5



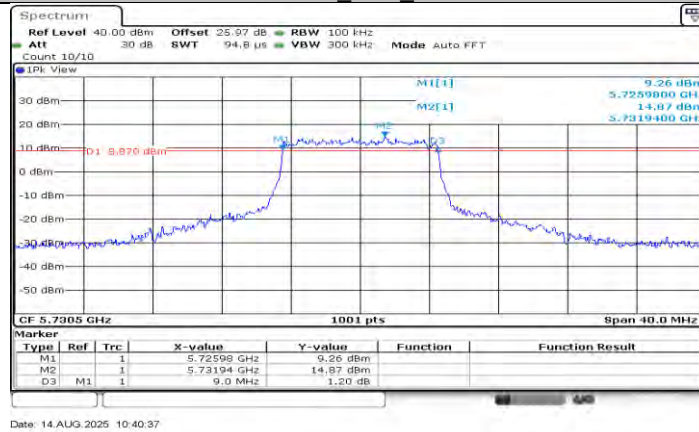
SRD 3M_Ant0_5847.2



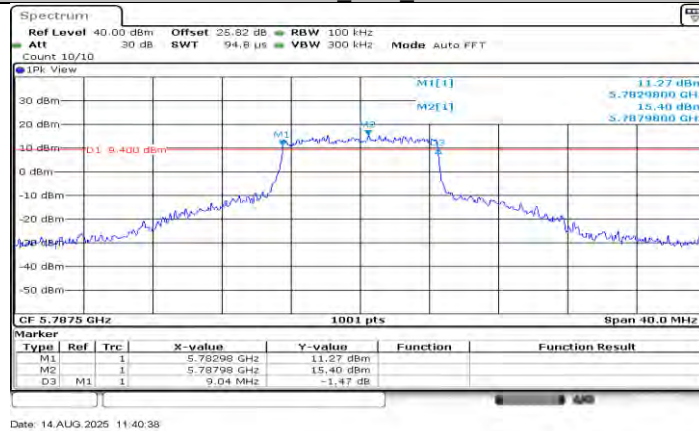
SRD 3M_Ant1_5847.2



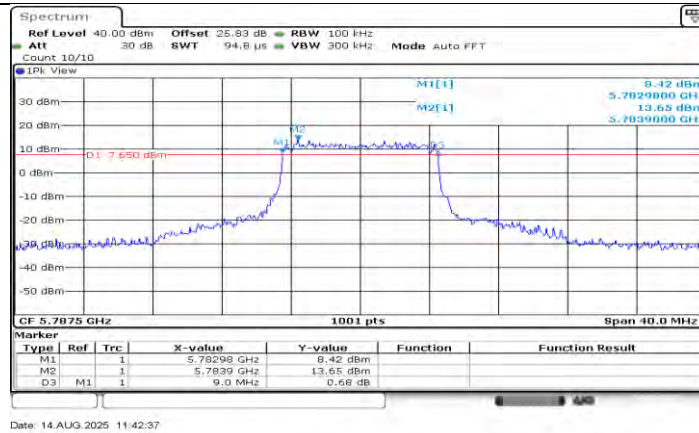
SRD 10M_Ant0_5730.5



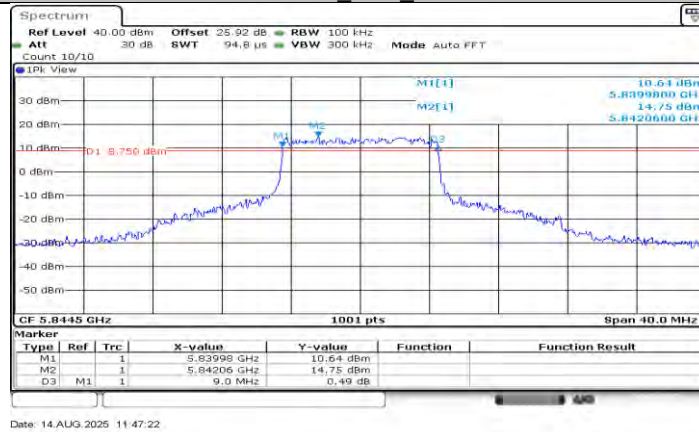
SRD 10M_Ant1_5730.5



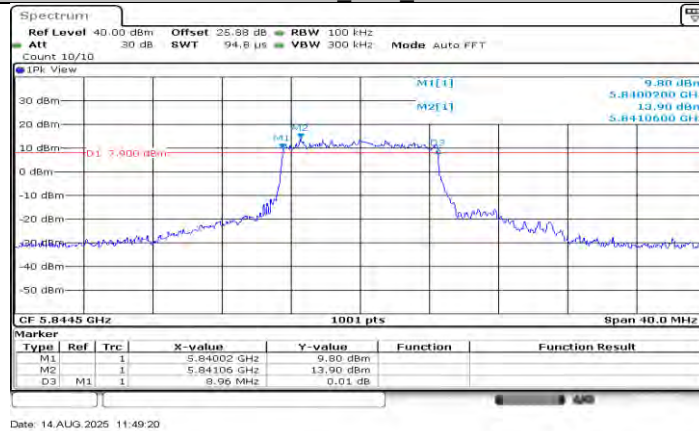
SRD 10M_Ant0_5787.5



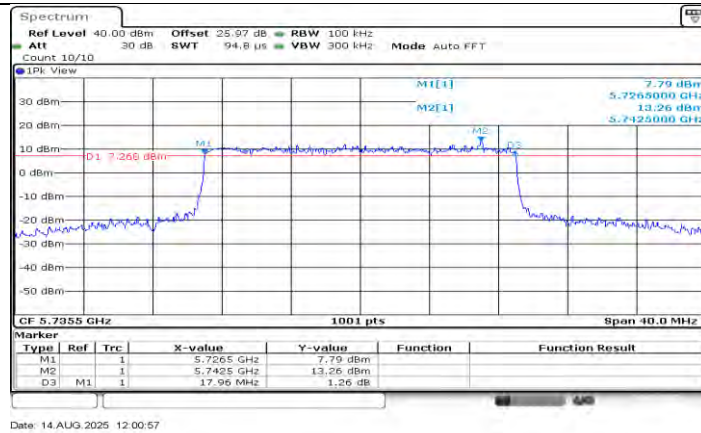
SRD 10M_Ant1_5787.5



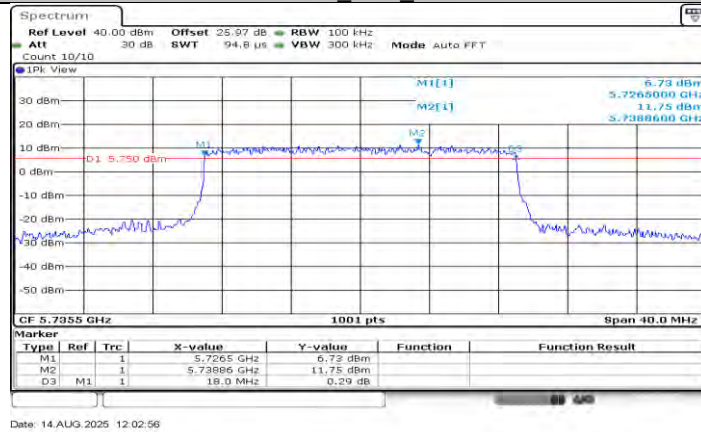
SRD 10M_Ant0_5844.5



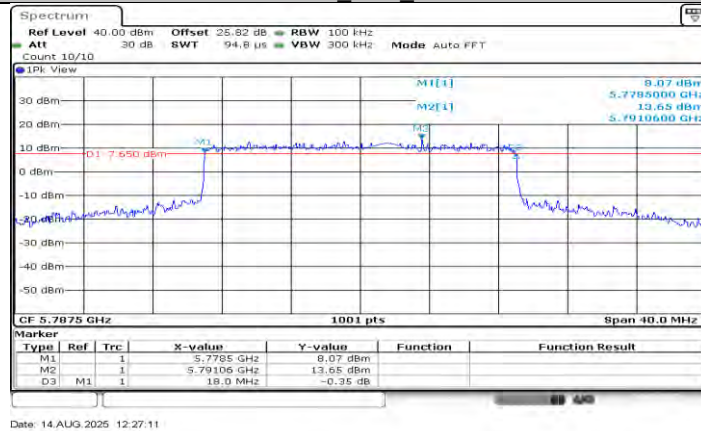
SRD 10M_Ant1_5844.5



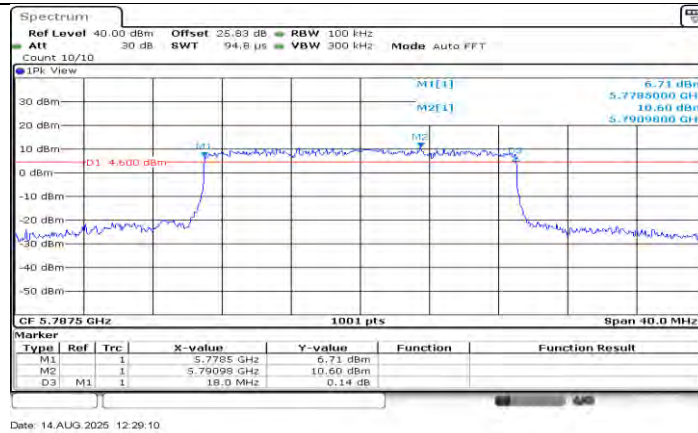
SRD 20M_Ant0_5735.5



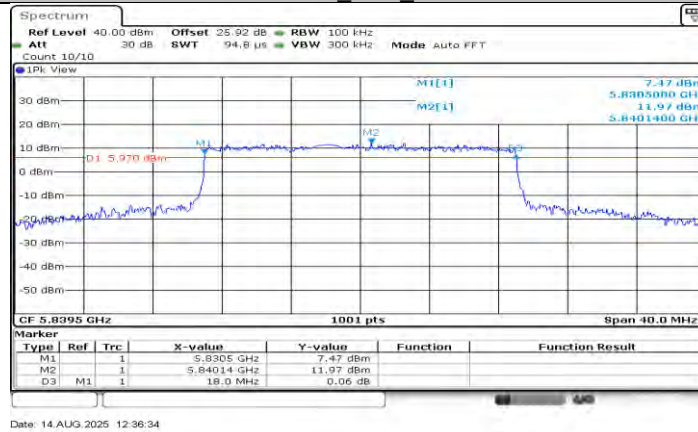
SRD 20M_Ant1_5735.5



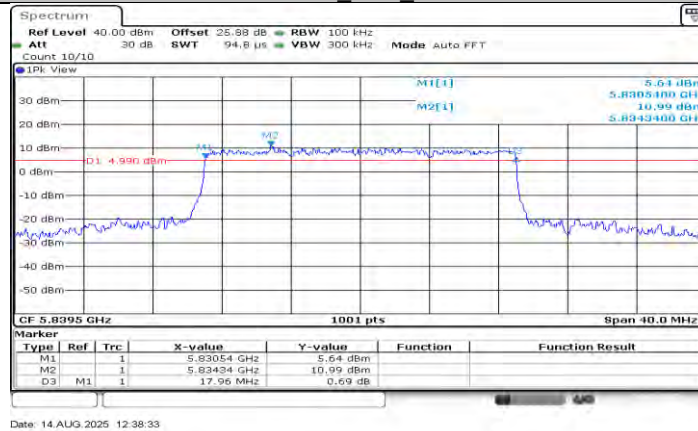
SRD 20M_Ant0_5787.5



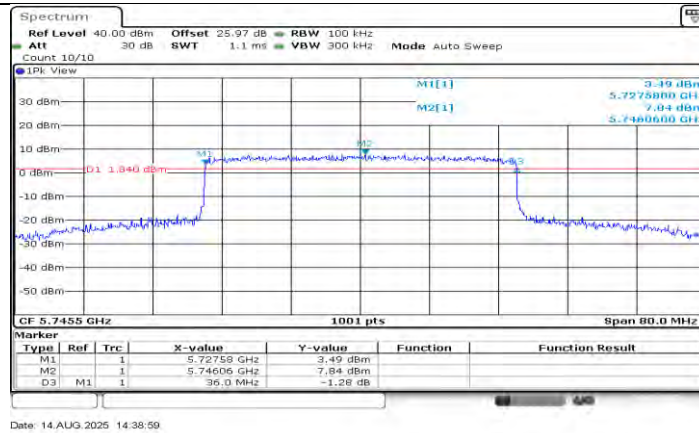
SRD 20M_Ant1_5787.5



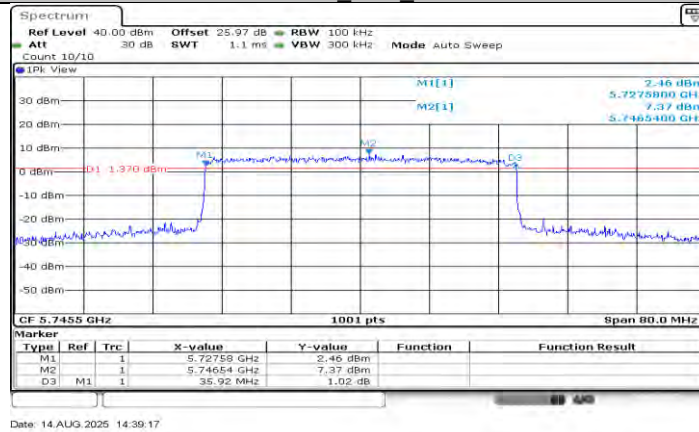
SRD 20M_Ant0_5839.5



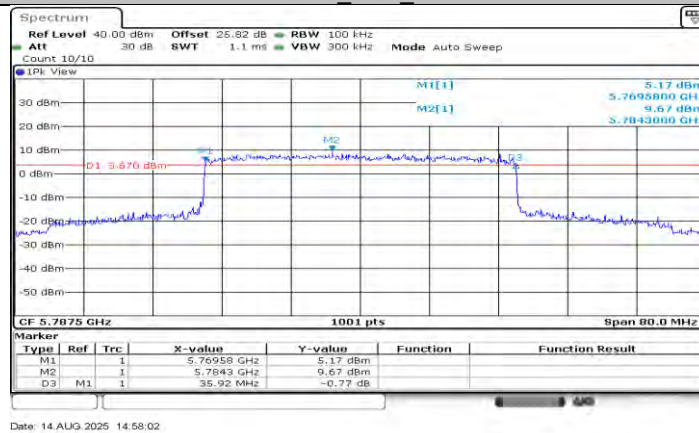
SRD 20M_Ant1_5839.5



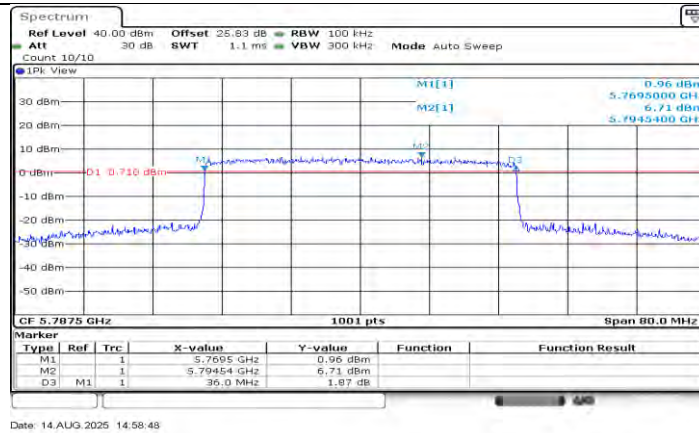
SRD 40M_Ant0_5745.5



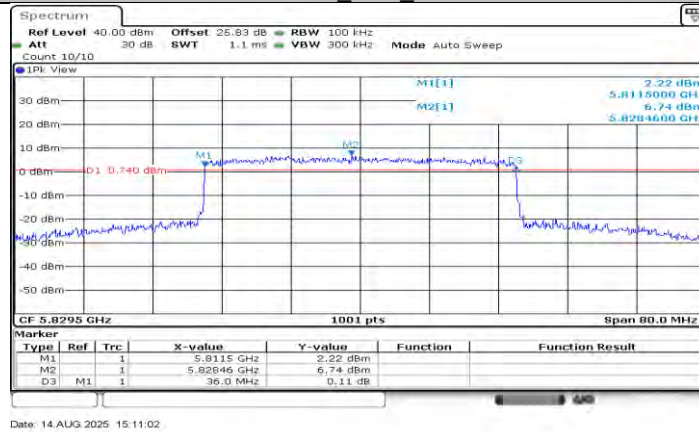
SRD 40M_Ant1_5745.5



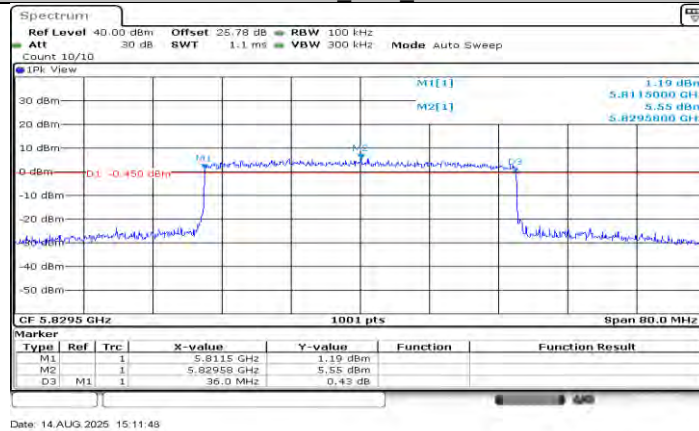
SRD 40M_Ant0_5787.5



SRD 40M_Ant1_5787.5



SRD 40M_Ant0_5829.5



SRD 40M_Ant1_5829.5

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict
SRD 1.4M	Ant0	5728.5	25.76	≤30.00	PASS
	Ant1	5728.5	25.00	≤30.00	PASS
	total	5728.5	28.41	≤30.00	PASS
	Ant0	5788.5	25.88	≤30.00	PASS
	Ant1	5788.5	24.13	≤30.00	PASS
	total	5788.5	28.10	≤30.00	PASS
	Ant0	5848.12	25.80	≤30.00	PASS
	Ant1	5848.12	24.46	≤30.00	PASS
	total	5848.12	28.19	≤30.00	PASS
SRD 3M	Ant0	5727.5	25.39	≤30.00	PASS
	Ant1	5727.5	25.24	≤30.00	PASS
	total	5727.5	28.33	≤30.00	PASS
	Ant0	5787.5	25.47	≤30.00	PASS
	Ant1	5787.5	24.07	≤30.00	PASS
	total	5787.5	27.84	≤30.00	PASS
	Ant0	5847.2	25.37	≤30.00	PASS
	Ant1	5847.2	24.23	≤30.00	PASS
	total	5847.2	27.85	≤30.00	PASS
SRD 10M	Ant0	5730.5	25.26	≤30.00	PASS
	Ant1	5730.5	24.59	≤30.00	PASS
	total	5730.5	27.95	≤30.00	PASS
	Ant0	5787.5	25.46	≤30.00	PASS
	Ant1	5787.5	23.59	≤30.00	PASS
	total	5787.5	27.64	≤30.00	PASS
	Ant0	5844.5	25.70	≤30.00	PASS
	Ant1	5844.5	24.17	≤30.00	PASS
	total	5844.5	28.01	≤30.00	PASS
SRD 20M	Ant0	5735.5	25.51	≤30.00	PASS
	Ant1	5735.5	24.91	≤30.00	PASS
	total	5735.5	28.23	≤30.00	PASS
	Ant0	5787.5	25.39	≤30.00	PASS
	Ant1	5787.5	23.52	≤30.00	PASS
	total	5787.5	27.57	≤30.00	PASS
	Ant0	5839.5	25.79	≤30.00	PASS
	Ant1	5839.5	24.28	≤30.00	PASS
	total	5839.5	28.11	≤30.00	PASS
SRD 40M	Ant0	5745.5	22.77	≤30.00	PASS
	Ant1	5745.5	22.59	≤30.00	PASS
	total	5745.5	25.69	≤30.00	PASS
	Ant0	5787.5	23.81	≤30.00	PASS
	Ant1	5787.5	23.14	≤30.00	PASS
	total	5787.5	26.50	≤30.00	PASS
	Ant0	5829.5	21.91	≤30.00	PASS
	Ant1	5829.5	21.15	≤30.00	PASS
	total	5829.5	24.56	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
SRD 1.4M	Ant0	5728.5	22.91	≤30.00	PASS
	Ant1	5728.5	22.34	≤30.00	PASS
	total	5728.5	25.64	≤30.00	PASS
	Ant0	5788.5	23.09	≤30.00	PASS
	Ant1	5788.5	21.24	≤30.00	PASS
	total	5788.5	25.27	≤30.00	PASS
	Ant0	5848.12	22.93	≤30.00	PASS
	Ant1	5848.12	21.75	≤30.00	PASS
	total	5848.12	25.39	≤30.00	PASS
SRD 3M	Ant0	5727.5	21.11	≤30.00	PASS
	Ant1	5727.5	20.99	≤30.00	PASS
	total	5727.5	24.06	≤30.00	PASS
	Ant0	5787.5	21.02	≤30.00	PASS
	Ant1	5787.5	19.85	≤30.00	PASS
	total	5787.5	23.48	≤30.00	PASS
	Ant0	5847.2	20.89	≤30.00	PASS
	Ant1	5847.2	19.95	≤30.00	PASS
	total	5847.2	23.46	≤30.00	PASS
SRD 10M	Ant0	5730.5	13.59	≤30.00	PASS
	Ant1	5730.5	13.26	≤30.00	PASS
	total	5730.5	16.44	≤30.00	PASS
	Ant0	5787.5	13.76	≤30.00	PASS
	Ant1	5787.5	11.82	≤30.00	PASS
	total	5787.5	15.91	≤30.00	PASS
	Ant0	5844.5	14.31	≤30.00	PASS
	Ant1	5844.5	12.58	≤30.00	PASS
	total	5844.5	16.54	≤30.00	PASS
SRD 20M	Ant0	5735.5	11.04	≤30.00	PASS
	Ant1	5735.5	10.34	≤30.00	PASS
	total	5735.5	13.71	≤30.00	PASS
	Ant0	5787.5	10.97	≤30.00	PASS
	Ant1	5787.5	8.95	≤30.00	PASS
	total	5787.5	13.09	≤30.00	PASS
	Ant0	5839.5	11.42	≤30.00	PASS
	Ant1	5839.5	9.88	≤30.00	PASS
	total	5839.5	13.73	≤30.00	PASS
SRD 40M	Ant0	5745.5	5.62	≤30.00	PASS
	Ant1	5745.5	5.38	≤30.00	PASS
	total	5745.5	8.51	≤30.00	PASS
	Ant0	5787.5	6.46	≤30.00	PASS
	Ant1	5787.5	5.99	≤30.00	PASS
	total	5787.5	9.24	≤30.00	PASS
	Ant0	5829.5	4.61	≤30.00	PASS
	Ant1	5829.5	3.64	≤30.00	PASS
	total	5829.5	7.16	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs



SRD 1.4M_Ant0_5728.5



SRD 1.4M_Ant1_5728.5



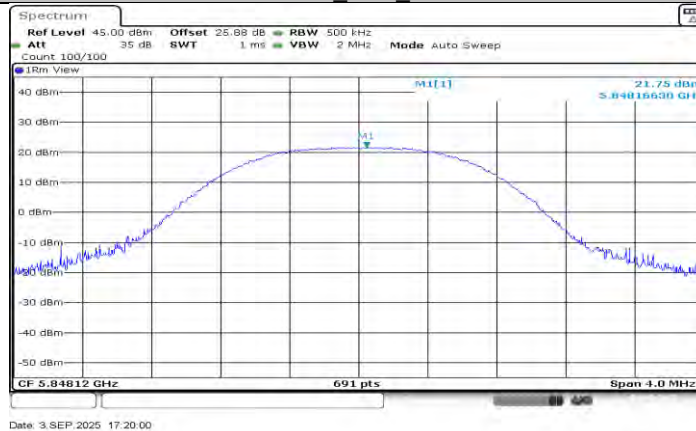
SRD 1.4M_Ant0_5788.5



SRD 1.4M_Ant1_5788.5



SRD 1.4M_Ant0_5848.12



SRD 1.4M_Ant1_5848.12



SRD 3M_Ant0_5727.5



SRD 3M_Ant1_5727.5



SRD 3M_Ant0_5787.5



SRD 3M_Ant1_5787.5



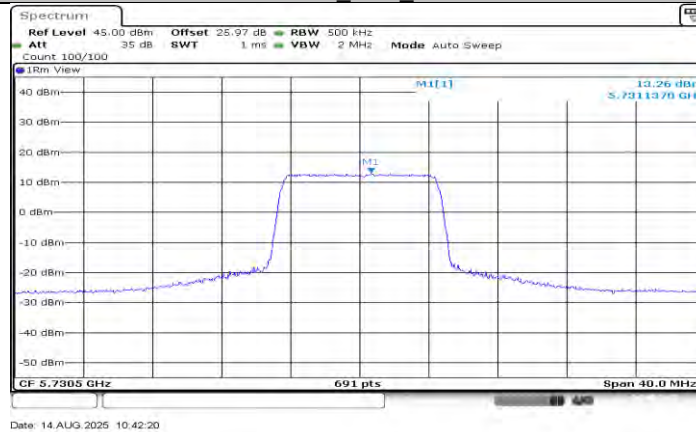
SRD 3M_Ant0_5847.2



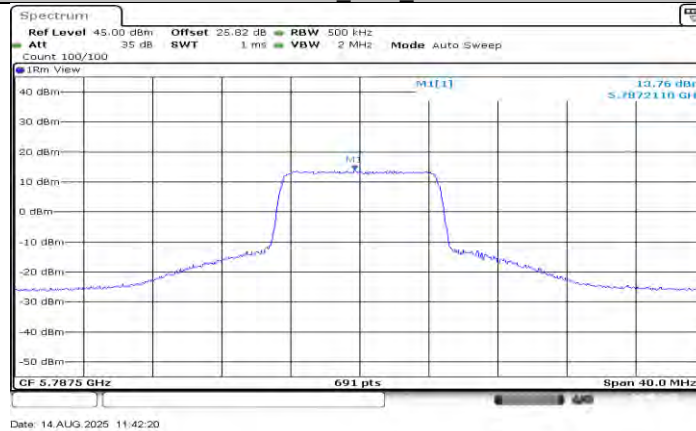
SRD 3M_Ant1_5847.2



SRD 10M_Ant0_5730.5



SRD 10M_Ant1_5730.5



SRD 10M_Ant0_5787.5



SRD 10M_Ant1_5787.5



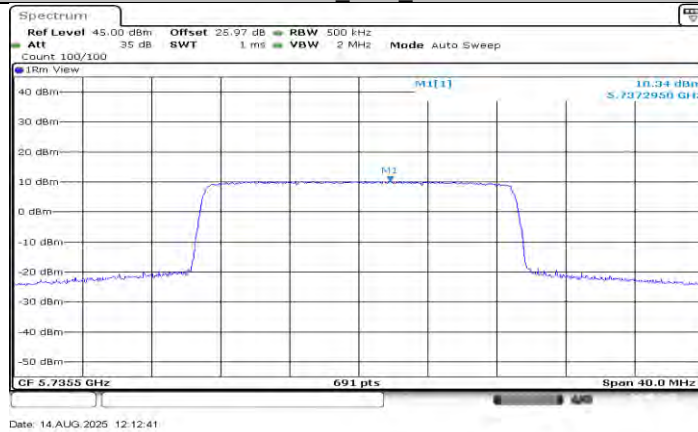
SRD 10M_Ant0_5844.5



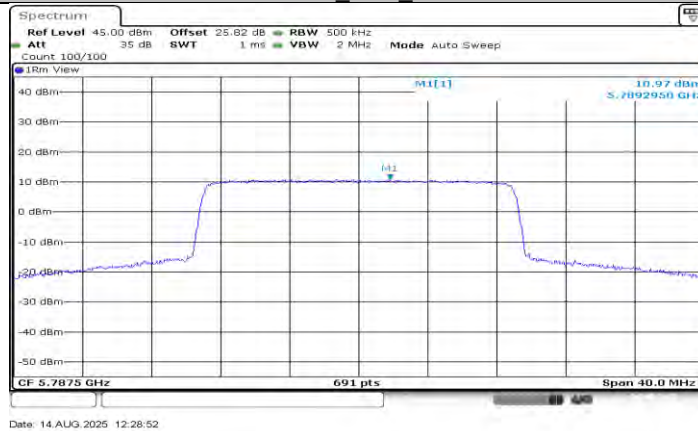
SRD 10M_Ant1_5844.5



SRD 20M_Ant0_5735.5



SRD 20M_Ant1_5735.5



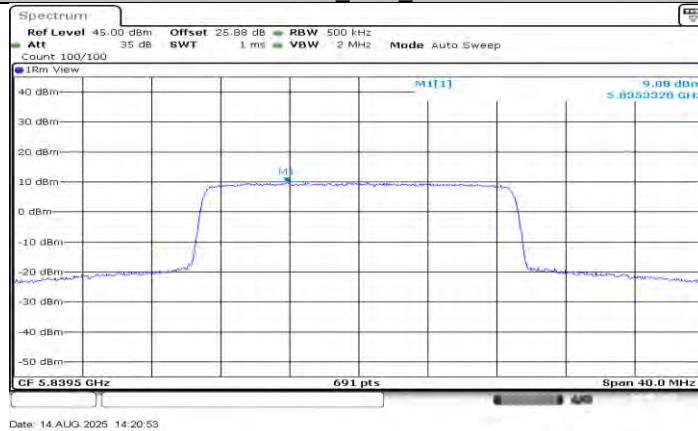
SRD 20M_Ant0_5787.5



SRD 20M_Ant1_5787.5



SRD 20M_Ant0_5839.5



SRD 20M_Ant1_5839.5



SRD 40M_Ant0_5745.5



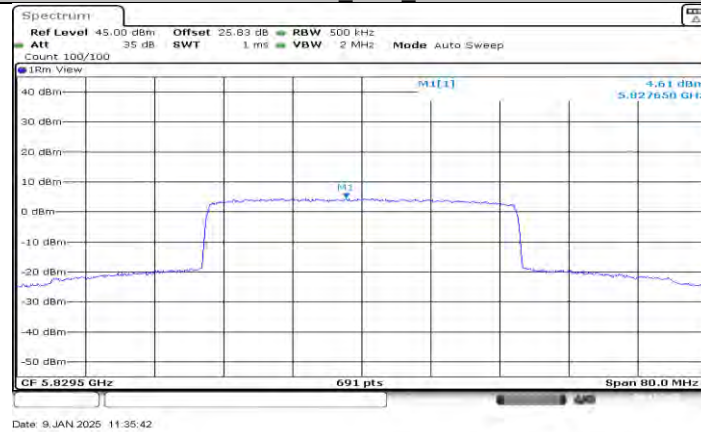
SRD 40M_Ant1_5745.5



SRD 40M_Ant0_5787.5



SRD 40M_Ant1_5787.5



SRD 40M_Ant0_5829.5



SRD 40M_Ant1_5829.5

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
SRD 10M:5730.5MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5730.5173	3.02	5730.4909	-1.58	5730.5075	1.31	5730.5033	0.58
TN	VN	5730.5078	1.36	5730.5078	1.37	5730.5212	3.70	5730.4959	-0.71
TN	VH	5730.5021	0.36	5730.4870	-2.26	5730.5203	3.55	5730.5160	2.79
Frequency Error vs. Temperature									
SRD 10M:5730.5MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5730.5133	2.33	5730.4900	-1.74	5730.5003	0.06	5730.4928	-1.26
30	VN	5730.5243	4.23	5730.4903	-1.69	5730.4854	-2.55	5730.4957	-0.75
20	VN	5730.5214	3.74	5730.5043	0.75	5730.4788	-3.70	5730.5063	1.10
10	VN	5730.4814	-3.25	5730.5218	3.80	5730.5136	2.38	5730.5068	1.19
0	VN	5730.5170	2.96	5730.4760	-4.18	5730.5190	3.31	5730.4892	-1.88
-10	VN	5730.5179	3.13	5730.5154	2.68	5730.5221	3.86	5730.4922	-1.37
-20	VN	5730.5180	3.15	5730.4769	-4.03	5730.5070	1.22	5730.5157	2.73

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE**11.7.1. Test Result**

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
SRD 1.4M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 3M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 10M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 20M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 40M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

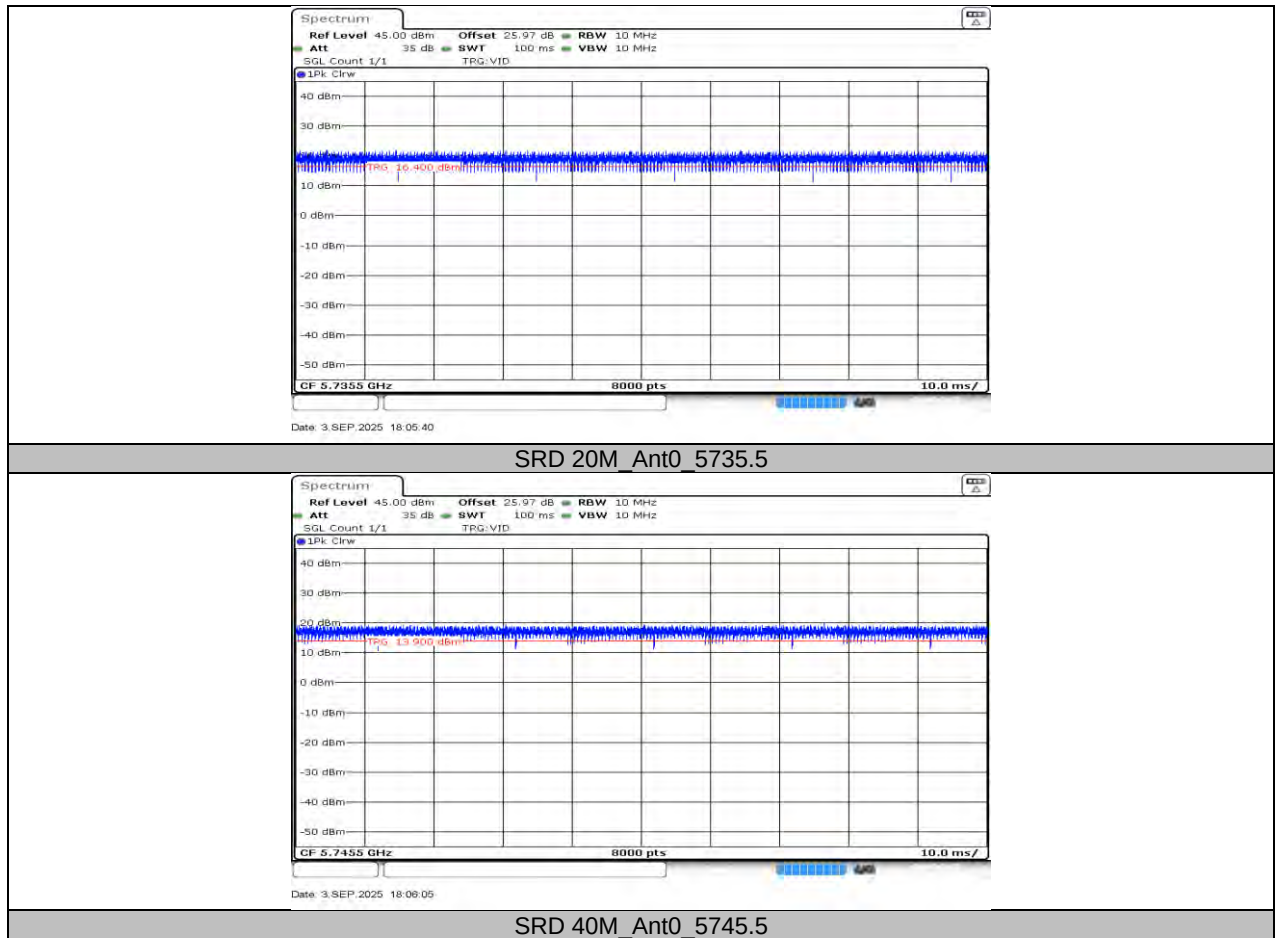
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs





END OF REPORT