

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

N Series RC

MODEL NUMBER: NRC01

REPORT NUMBER: 4791883648-3-RF-5

ISSUE DATE: September 11, 2025

FCC ID: 2BQAI-NRC01

Prepared for

**Spatial Hover Inc
10415A Westpark Dr. Houston TX 77042 Houston Texas United States**

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
Antenna Requirement	N/A	FCC Part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	ANSI C63.10-2020, Clause 6.2	FCC Part 15.207	N/A
Conducted Output Power	ANSI C63.10-2020, Clause 11.9.2.3.1	FCC Part 15.247 (b)(3)	Pass
6dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2020, Clause 11.8.1	FCC Part 15.247 (a)(2)	Pass
Power Spectral Density	ANSI C63.10-2020, Clause 11.10.5	FCC Part 15.247 (e)	Pass
Conducted Band edge and spurious emission	ANSI C63.10-2020, Clause 11.11	FCC Part 15.247(d)	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2020, Clause 11.12	FCC Part 15.247 (d) FCC Part 15.205/15.209	Pass
Duty Cycle	ANSI C63.10-2020, Clause 11.6	None; for reporting purposes only.	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 C> 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

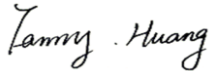
Company Name: Spatial Hover Inc
Address: 10415A Westpark Dr. Houston TX 77042 Houston Texas United States

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

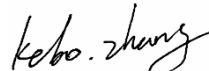
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART C	Pass

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C , KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, CFR 47 FCC Part 2, ANSI C63.10-2020, ANSI C63.10-2020 + Cor.1-2023.

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 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Duty Cycle	±0.028%
DTS and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.686 dB
Maximum Power Spectral Density Level	±0.743 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 2.4G
Operation Frequency	2.4G 1.4 MHz Bandwidth (2409.5 MHz ~ 2465.12 MHz) 2.4G 3 MHz Bandwidth (2410.5 MHz ~ 2464.2 MHz) 2.4G 10 MHz Bandwidth (2405.5 MHz ~ 2476.5 MHz) 2.4G 20 MHz Bandwidth (2410.5 MHz ~ 2472.5 MHz) 2.4G 40 MHz Bandwidth (2422.5 MHz ~ 2452.5 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

Channel List For Bandwidth 1.4 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2409.5	15	2423.5	29	2437.5	43	2451.5
2	2411.12	16	2425.12	30	2439.12	44	2453.12
3	2411.5	17	2425.5	31	2439.5	45	2453.5
4	2413.12	18	2427.12	32	2441.12	46	2455.12
5	2413.5	19	2427.5	33	2441.5	47	2455.5
6	2415.12	20	2429.12	34	2443.12	48	2457.12
7	2415.5	21	2429.5	35	2443.5	49	2457.5
8	2417.12	22	2431.12	36	2445.12	50	2459.12
9	2417.5	23	2431.5	37	2445.5	51	2459.5
10	2419.12	24	2433.12	38	2447.12	52	2461.12
11	2419.5	25	2433.5	39	2447.5	53	2461.5
12	2421.12	26	2435.12	40	2449.12	54	2463.12
13	2421.5	27	2435.5	41	2449.5	55	2463.5
14	2423.12	28	2437.12	42	2451.12	56	2465.12

Channel List For Bandwidth 3 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2410.5	10	2425.2	19	2437.5	28	2452.2
2	2413.2	11	2425.5	20	2440.2	29	2452.5
3	2413.5	12	2428.2	21	2440.5	30	2455.2
4	2416.2	13	2428.5	22	2443.2	31	2455.5
5	2416.5	14	2431.2	23	2443.5	32	2458.2
6	2419.2	15	2431.5	24	2446.2	33	2458.5
7	2419.5	16	2434.2	25	2446.5	34	2461.2
8	2422.2	17	2434.5	26	2449.2	35	2461.5
9	2422.5	18	2437.2	27	2449.5	36	2464.2

Channel List For Bandwidth 10 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405.5	19	2423.5	37	2441.5	55	2459.5
2	2406.5	20	2424.5	38	2442.5	56	2460.5
3	2407.5	21	2425.5	39	2443.5	57	2461.5
4	2408.5	22	2426.5	40	2444.5	58	2462.5
5	2409.5	23	2427.5	41	2445.5	59	2463.5
6	2410.5	24	2428.5	42	2446.5	60	2464.5
7	2411.5	25	2429.5	43	2447.5	61	2465.5
8	2412.5	26	2430.5	44	2448.5	62	2466.5
9	2413.5	27	2431.5	45	2449.5	63	2467.5
10	2414.5	28	2432.5	46	2450.5	64	2468.5
11	2415.5	29	2433.5	47	2451.5	65	2469.5
12	2416.5	30	2434.5	48	2452.5	66	2470.5
13	2417.5	31	2435.5	49	2453.5	67	2471.5
14	2418.5	32	2436.5	50	2454.5	68	2472.5
15	2419.5	33	2437.5	51	2455.5	69	2473.5
16	2420.5	34	2438.5	52	2456.5	70	2474.5
17	2421.5	35	2439.5	53	2457.5	71	2475.5
18	2422.5	36	2440.5	54	2458.5	72	2476.5

Channel List For Bandwidth 20 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2410.5	17	2426.5	33	2442.5	49	2458.5
2	2411.5	18	2427.5	34	2443.5	50	2459.5
3	2412.5	19	2428.5	35	2444.5	51	2460.5
4	2413.5	20	2429.5	36	2445.5	52	2461.5
5	2414.5	21	2430.5	37	2446.5	53	2462.5
6	2415.5	22	2431.5	38	2447.5	54	2463.5
7	2416.5	23	2432.5	39	2448.5	55	2464.5
8	2417.5	24	2433.5	40	2449.5	56	2465.5
9	2418.5	25	2434.5	41	2450.5	57	2466.5
10	2419.5	26	2435.5	42	2451.5	58	2467.5
11	2420.5	27	2436.5	43	2452.5	59	2468.5
12	2421.5	28	2437.5	44	2453.5	60	2469.5
13	2422.5	29	2438.5	45	2454.5	61	2470.5
14	2423.5	30	2439.5	46	2455.5	62	2471.5
15	2424.5	31	2440.5	47	2456.5	63	2472.5
16	2425.5	32	2441.5	48	2457.5	/	/

Channel List For Bandwidth 40 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2422.5	9	2430.5	17	2438.5	25	2446.5
2	2423.5	10	2431.5	18	2439.5	26	2447.5
3	2424.5	11	2432.5	19	2440.5	27	2448.5
4	2425.5	12	2433.5	20	2441.5	28	2449.5
5	2426.5	13	2434.5	21	2442.5	29	2450.5
6	2427.5	14	2435.5	22	2443.5	30	2451.5
7	2428.5	15	2436.5	23	2444.5	31	2452.5
8	2429.5	16	2437.5	24	2445.5	/	/

5.3. MAXIMUM POWER

SRD 2.4G	Frequency (MHz)	Channel Number	Maximum Conducted Average Output Power (dBm)
1.4 MHz Mode	2409.5 MHz ~ 2465.12 MHz	1-56[56]	25.19
3 MHz Mode	2410.5 MHz ~ 2464.2 MHz	1-36[36]	26.94
10 MHz Mode	2405.5 MHz ~ 2476.5 MHz	1-72[72]	28.86
20 MHz Mode	2410.5 MHz ~ 2472.5 MHz	1-63[63]	28.81
40 MHz Mode	2422.5 MHz ~ 2452.5 MHz	1-31[31]	19.06

5.4. TEST CHANNEL CONFIGURATION

SRD 2.4G	Test Channel Number	Frequency
1.4 MHz Mode	CH 1(Low Channel), CH 29(MID Channel), CH 56(High Channel)	2409.5 MHz, 2437.5 MHz, 2465.12 MHz
3 MHz Mode	CH 1(Low Channel), CH 19(MID Channel), CH 36(High Channel)	2410.5 MHz, 2437.5 MHz, 2464.2 MHz
10 MHz Mode	CH 1(Low Channel), CH 37(MID Channel), CH 68, CH 69, CH 70, CH 71, CH 72(High Channel)	2405.5 MHz, 2441.5 MHz, 2472.5 MHz, 2473.5 MHz, 2474.5 MHz, 2475.5 MHz, 2476.5 MHz
20 MHz Mode	CH 1(Low Channel), CH 32(MID Channel), CH 59, CH 60, CH 61, CH 62, CH 63(High Channel)	2410.5 MHz, 2441.5 MHz, 2468.5 MHz, 2469.5 MHz, 2470.5 MHz, 2471.5 MHz, 2472.5 MHz
40 MHz Mode	CH 1(Low Channel), CH 2, CH 3, CH 16(MID Channel), CH 29, CH 30, CH 31(High Channel)	2422.5 MHz, 2423.5 MHz, 2424.5 MHz, 2437.5 MHz, 2450.5 MHz, 2451.5 MHz, 2452.5 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5 MHz Band		
Test Software		SetUp
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. WORST-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 as provided by the client were:

- SRD 2.4G-1.4 MHz Mode/QPSK
- SRD 2.4G-3 MHz Mode/QPSK
- SRD 2.4G-10 MHz Mode/QPSK
- SRD 2.4G-20 MHz Mode/QPSK
- SRD 2.4G-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	2400 ~ 2483.5	Dipole Antenna	3
1	2400 ~ 2483.5	Dipole Antenna	3
2	2400 ~ 2483.5	Dipole Antenna	3
3	2400 ~ 2483.5	Dipole Antenna	2

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.

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

$$\text{Directional gain(ANT0 \& ANT1)} = 3 \text{ dBi}$$

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	/

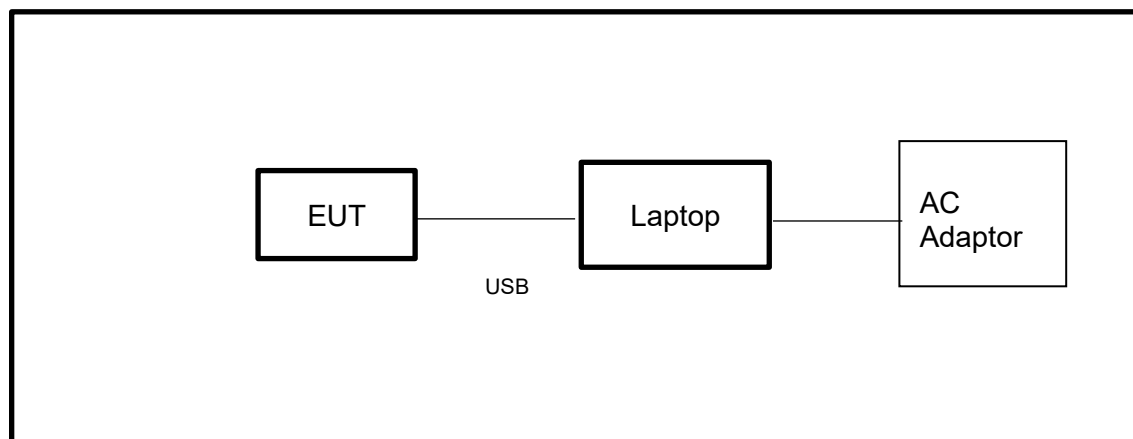
ACCESSORIES

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
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	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. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3)	AVG Output Power	1 watt or 30 dBm	2400-2483.5

TEST PROCEDURE

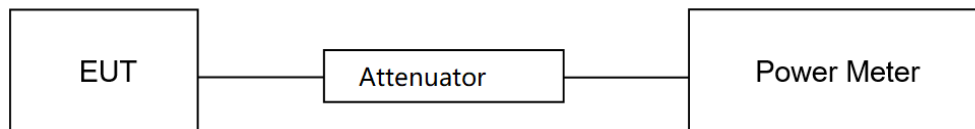
Refer to ANSI C63.10-2020 clause 11.9.2.3.1.

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).

Measure peak emission level, the indicated level is the average output power, after any corrections for external attenuators and cables.

The test result in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	60.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 15, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix C

7.2. 6DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	For reporting purposes only.	2400-2483.5

TEST PROCEDURE

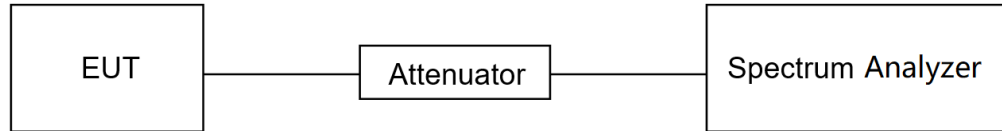
Refer to ANSI C63.10-2020 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

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

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99 % Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RBW	For 6 dB Bandwidth: 1 % to 5 % of the OBW but not less than 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: $\geq 3 \times$ RBW For 99 % Occupied Bandwidth: $\geq 3 \times$ 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 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP**TEST ENVIRONMENT**

Temperature	24.7°C	Relative Humidity	60.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 15, 2025	Test By	Bairong Liu
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TEST RESULTS

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

7.3. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC §15.247 (e)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.10.5.

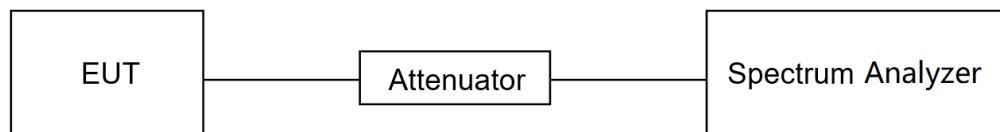
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	power averaging (rms)
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	$\geq 3 \times \text{RBW}$
Span	$> 1.5 \times \text{OBW bandwidth}$
Trace	Employ trace averaging(rms)mode over a minimum of 100 traces
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	60.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 15, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C		
Section	Test Item	Limit
CFR 47 FCC §15.247 (d)	Conducted Bandedge and Spurious Emissions	at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.11.

Connect the EUT to the spectrum analyzer and use the following settings for reference level measurement:

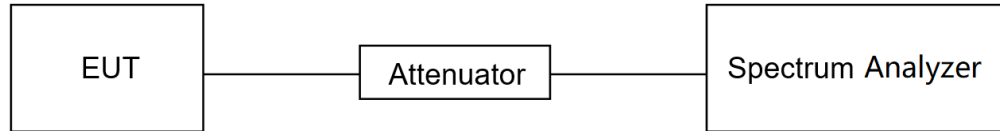
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	$\geq 1.5 \times \text{DTS bandwidth}$
Trace	Max hold
Sweep time	No faster than coupled (auto) time

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

Change the settings for emission level measurement:

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
measurement points	$\geq \text{span}/\text{RBW}$
Trace	Max hold
Sweep time	No faster than coupled (auto) time

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

TEST SETUP**TEST ENVIRONMENT**

Temperature	24.7°C	Relative Humidity	60.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 15, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix E&F

7.5. DUTY CYCLE

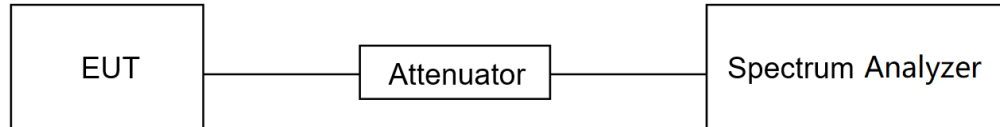
LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.6 Zero – Span Spectrum Analyzer method.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	60.3%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.2V

TEST DATE / ENGINEER

Test Date	August 15, 2025	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix G

8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.

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

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

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.

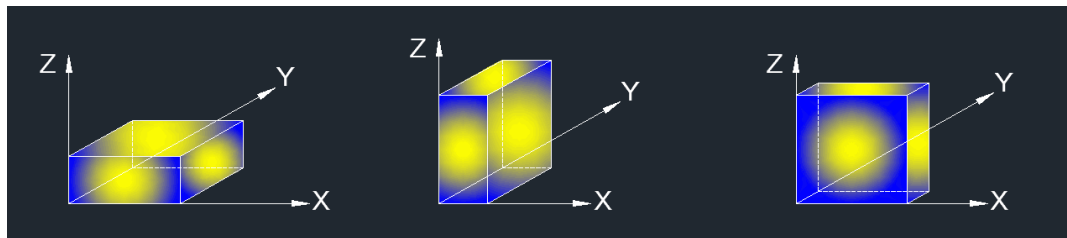
Above 1 GHz

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 ANSI C63.10-2020 clause 6.6.
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 7.5. 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 7.5.
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 ~ 3 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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
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. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (3 GHz ~ 18 GHz):

Note:

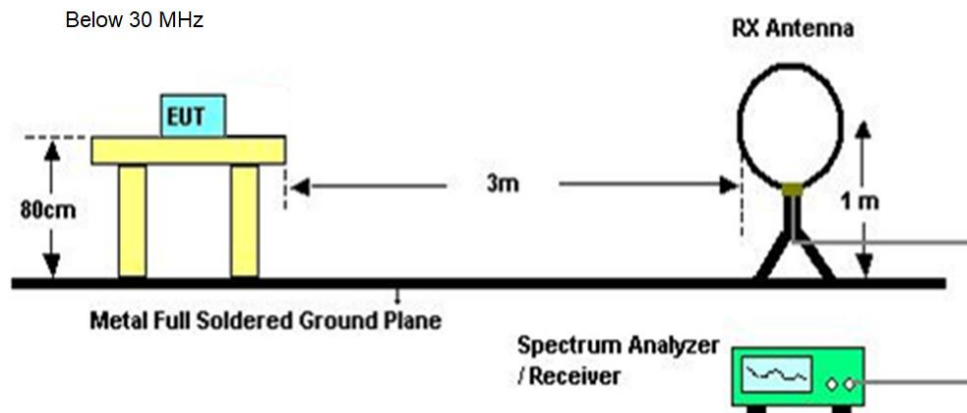
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
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. All modes have been tested, but only the worst data was recorded in the report.

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

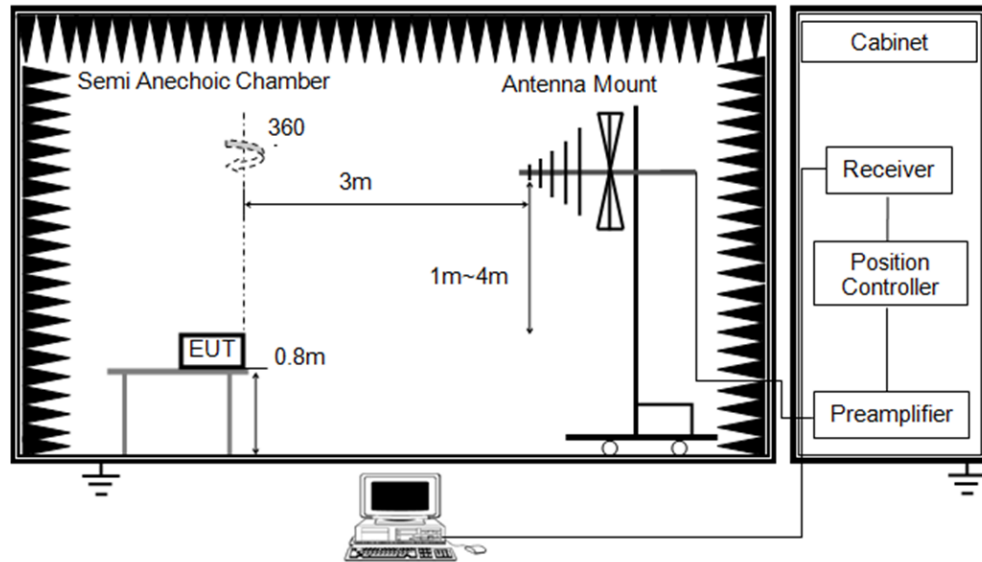
Note:

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.

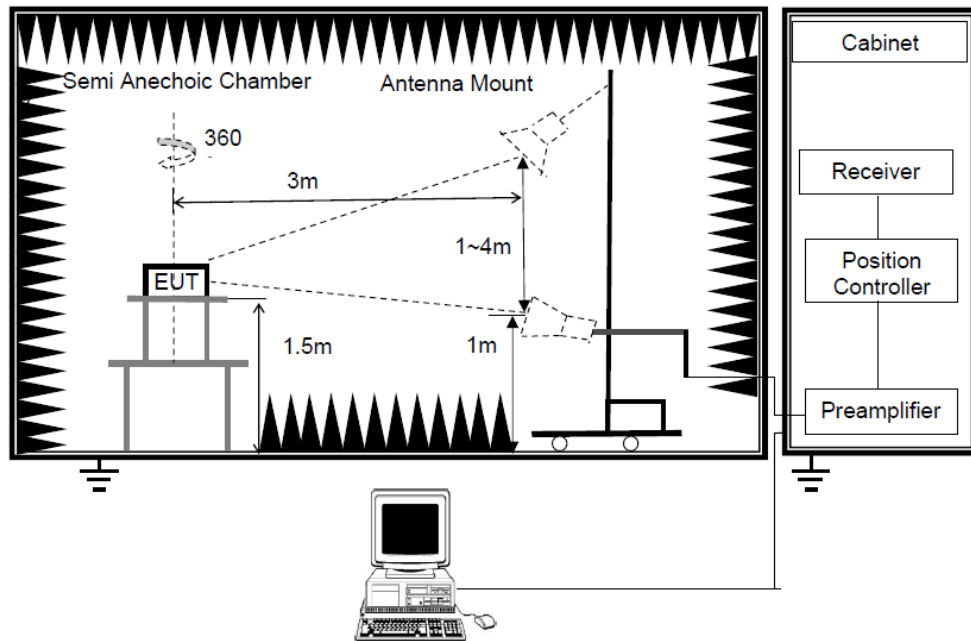
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	60.4%
Atmosphere Pressure	101kPa	Test Voltage	

TEST DATE / ENGINEER

Test Date	September 3, 2025	Test By	Mason Wang
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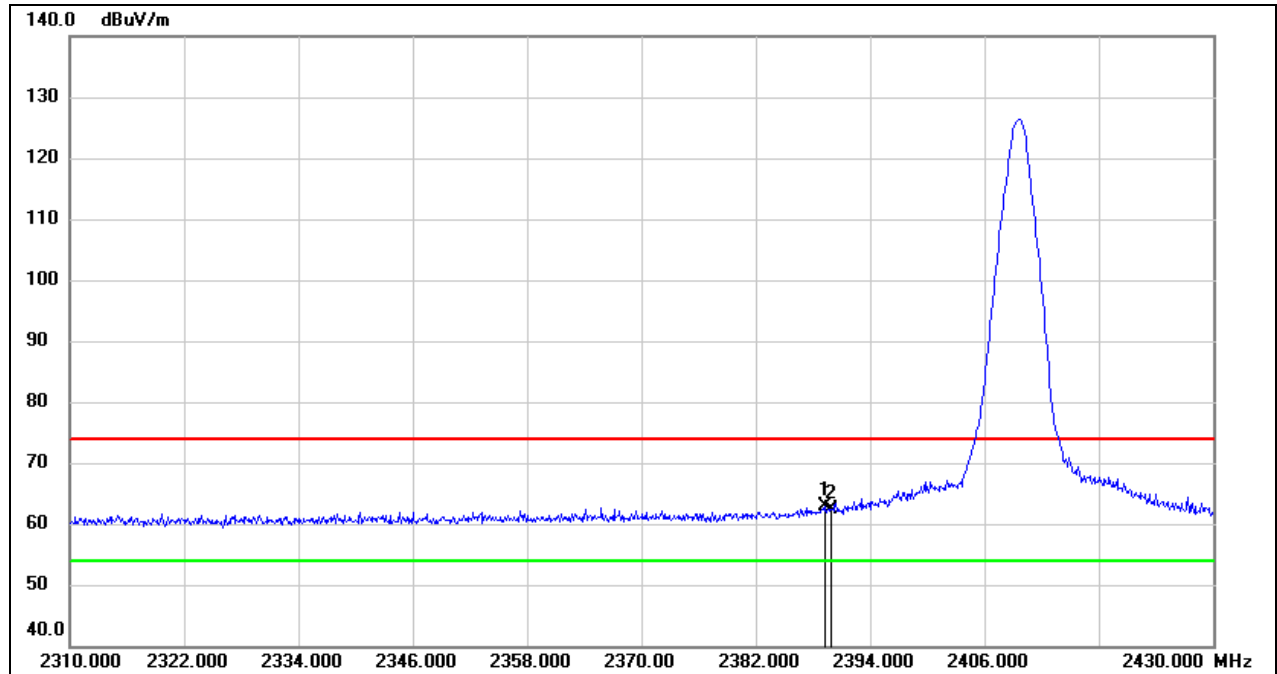
TEST RESULTS

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.

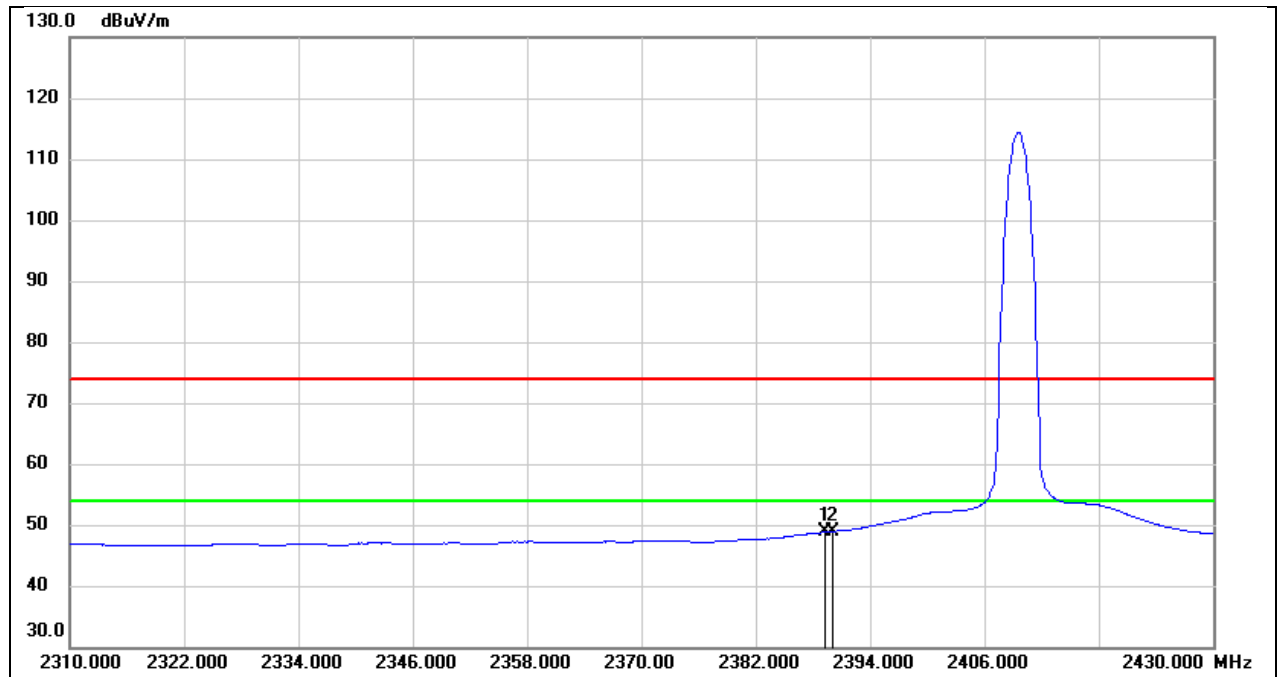
8.1. RESTRICTED BANDEDGE

Test Mode:	SRD 2.4G 1.4M PK	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



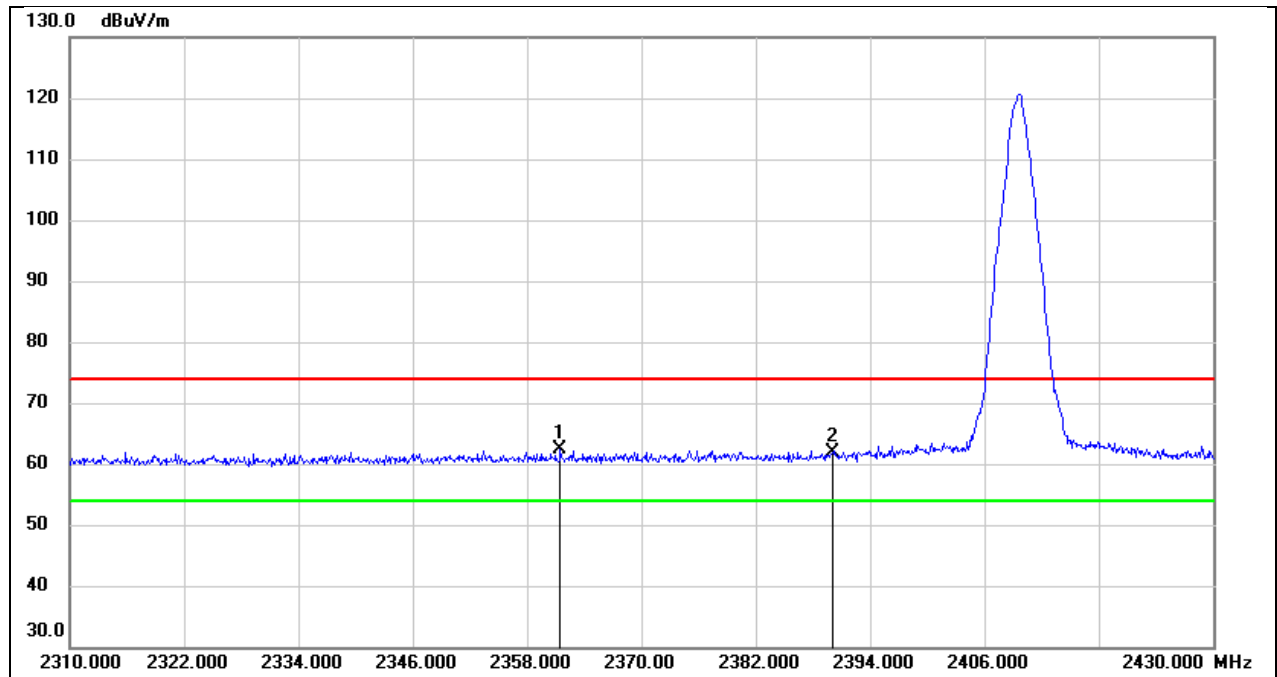
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	31.21	31.68	62.89	74.00	-11.11	peak
2	2390.000	30.73	31.69	62.42	74.00	-11.58	peak

Test Mode:	SRD 2.4G 1.4M AV	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



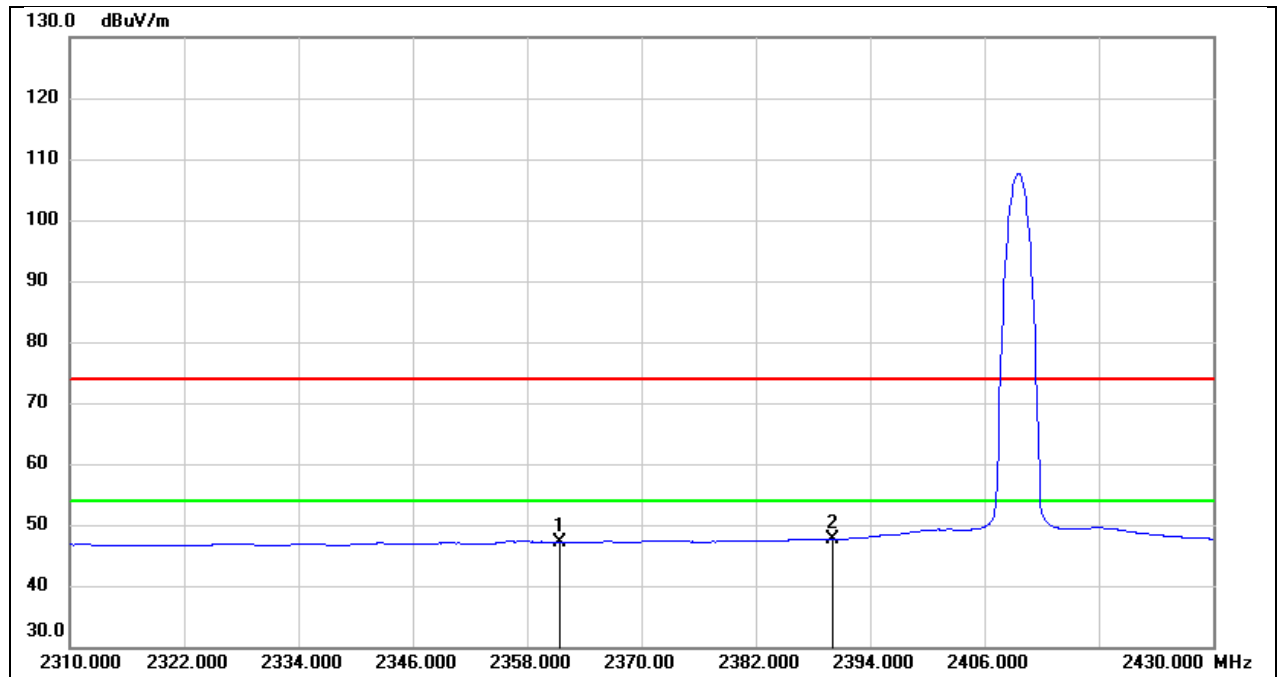
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	17.13	31.68	48.81	54.00	-5.19	AVG
2	2390.000	17.26	31.69	48.95	54.00	-5.05	AVG

Test Mode:	SRD 2.4G 1.4M PK	Frequency(MHz):	2409.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



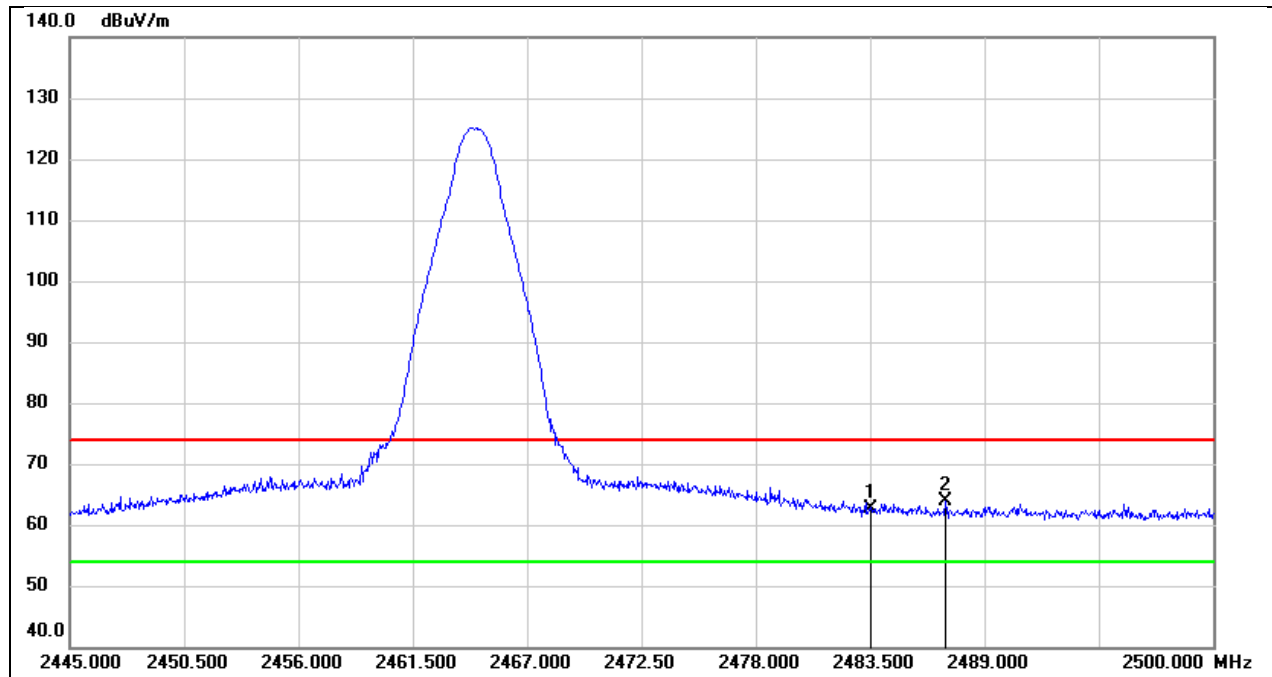
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.480	30.74	31.57	62.31	74.00	-11.69	peak
2	2390.000	30.14	31.69	61.83	74.00	-12.17	peak

Test Mode:	SRD 2.4G 1.4M AV	Frequency(MHz):	2409.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



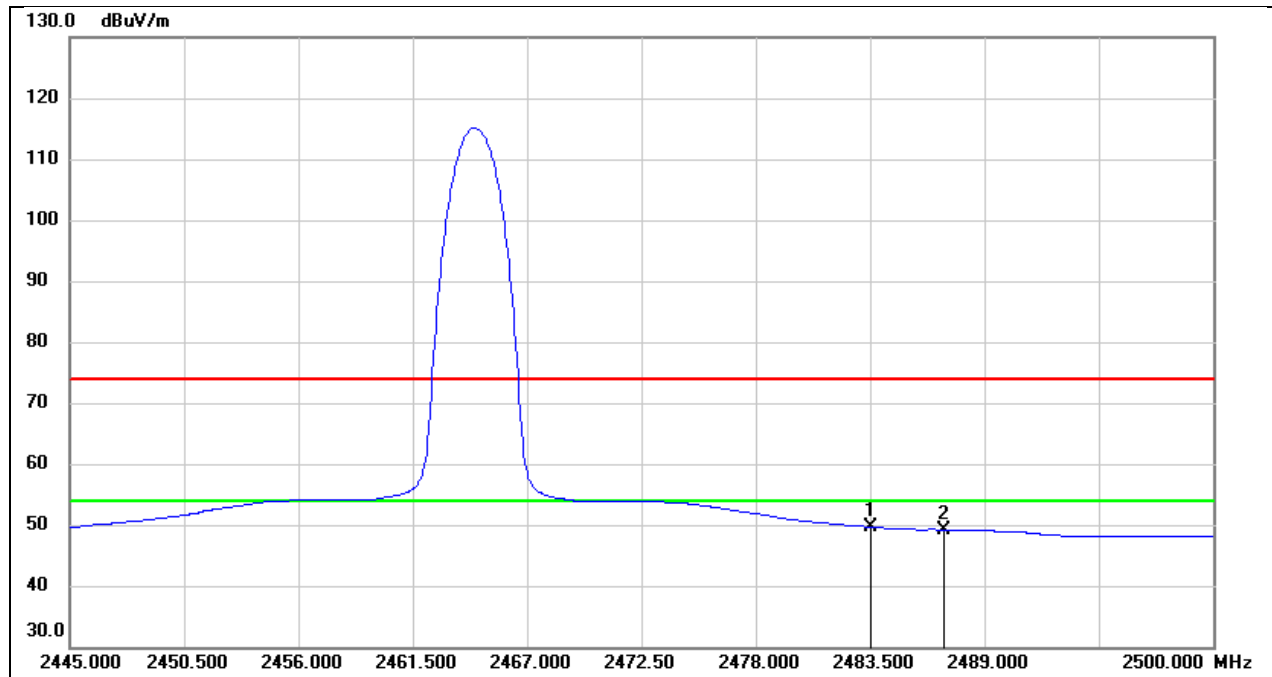
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.480	15.62	31.57	47.19	54.00	-6.81	AVG
2	2390.000	15.94	31.69	47.63	54.00	-6.37	AVG

Test Mode:	SRD 2.4G 1.4M PK	Frequency(MHz):	2465.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



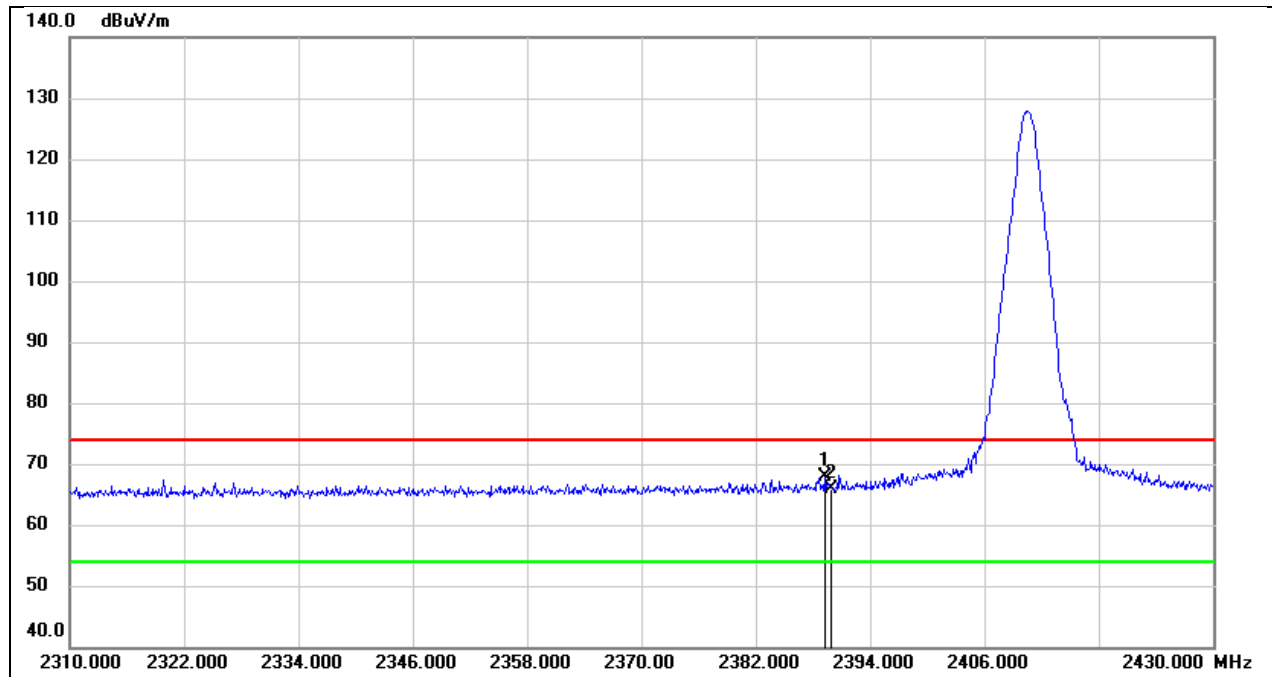
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	30.54	31.99	62.53	74.00	-11.47	peak
2	2487.130	31.95	32.00	63.95	74.00	-10.05	peak

Test Mode:	SRD 2.4G 1.4M AV	Frequency(MHz):	2465.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



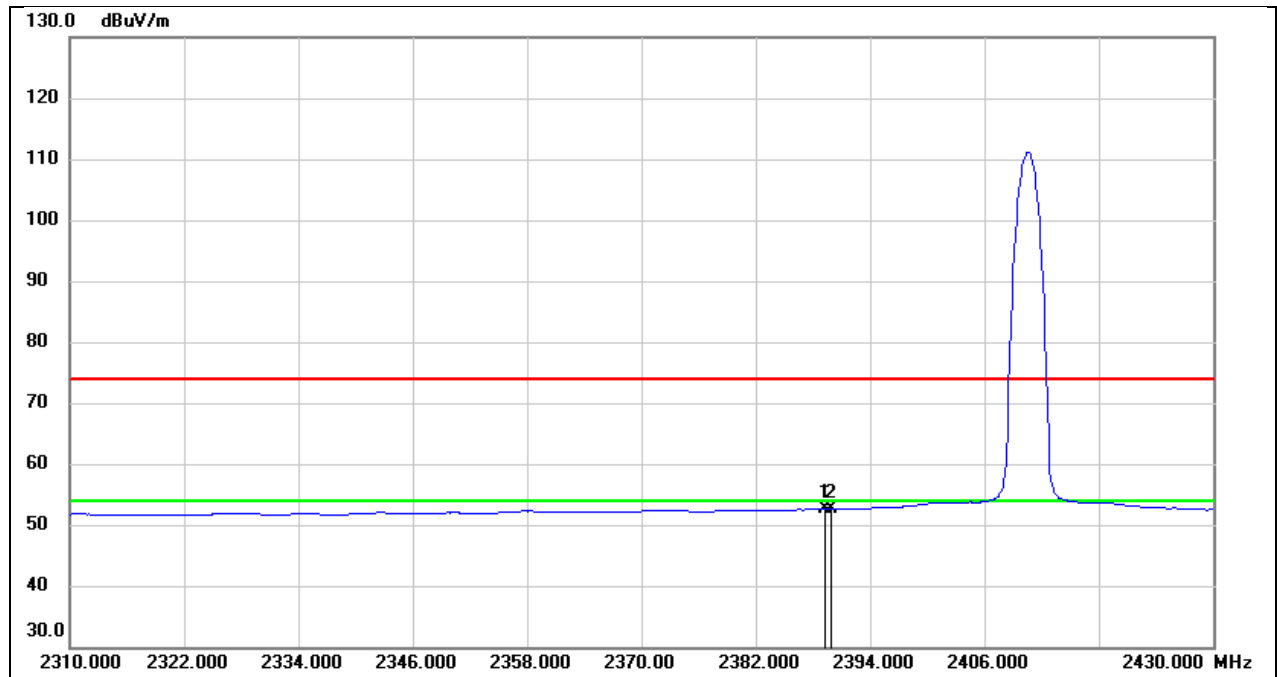
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	17.66	31.99	49.65	54.00	-4.35	AVG
2	2487.130	17.19	32.00	49.19	54.00	-4.81	AVG

Test Mode:	SRD 2.4G 3M PK	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



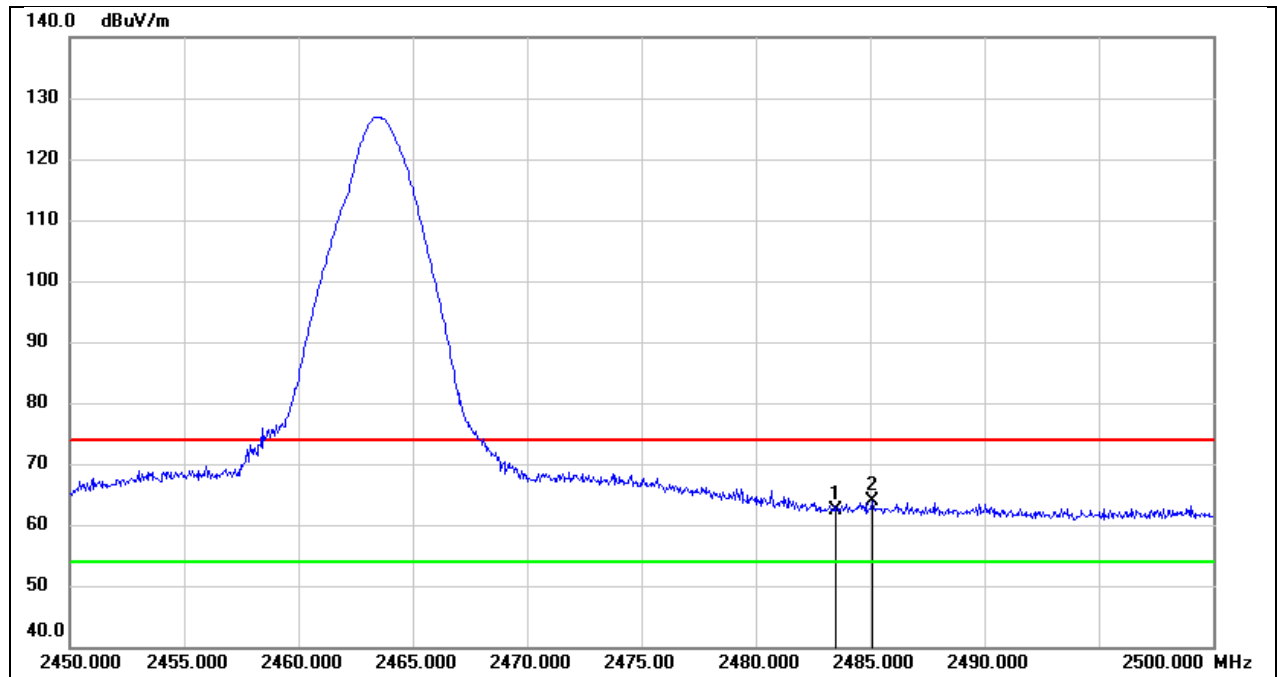
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	36.27	31.68	67.95	74.00	-6.05	peak
2	2390.000	34.14	31.69	65.83	74.00	-8.17	peak

Test Mode:	SRD 2.4G 3M AV	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



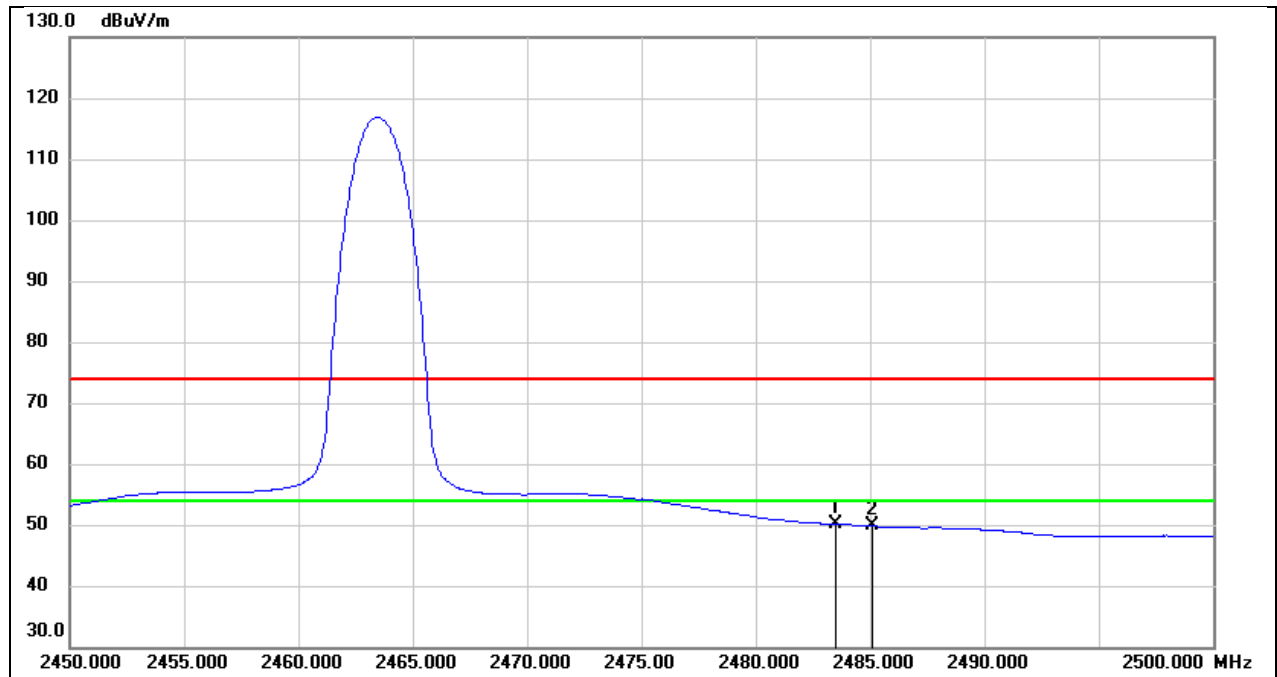
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	20.89	31.68	52.57	54.00	-1.43	AVG
2	2390.000	20.88	31.69	52.57	54.00	-1.43	AVG

Test Mode:	SRD 2.4G 3M PK	Frequency(MHz):	2464.2
Polarity:	Horizontal	Test Voltage:	DC 7.2V



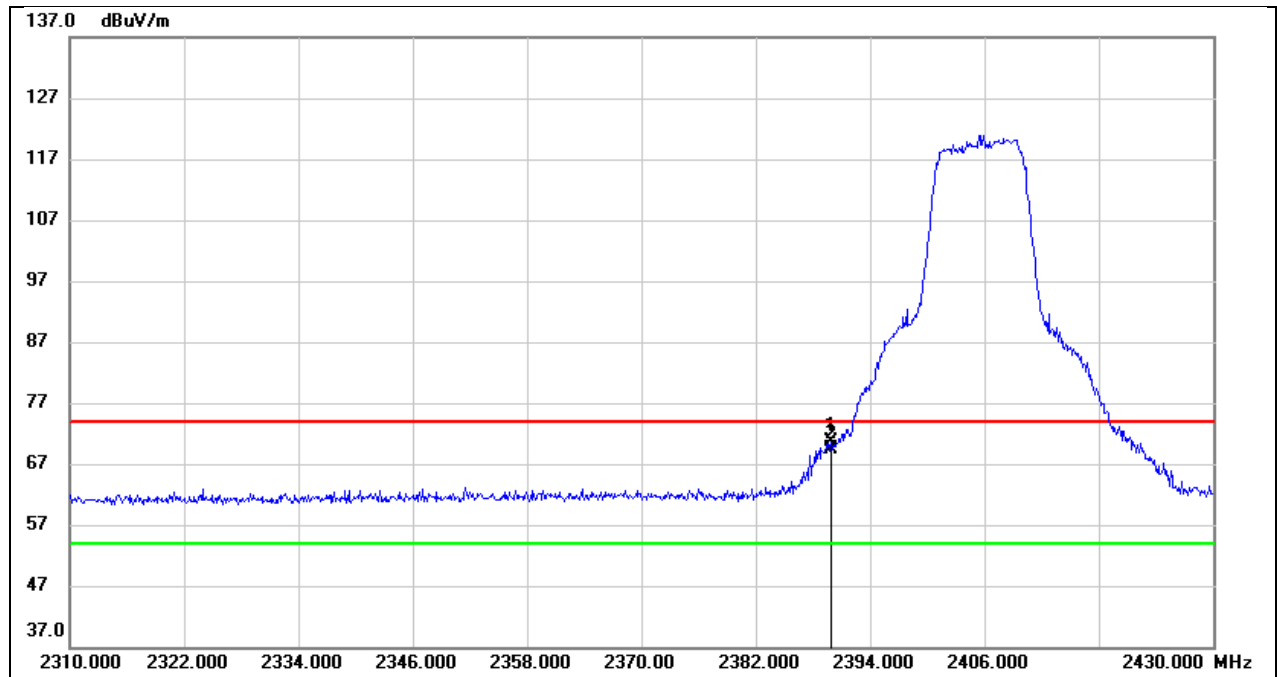
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	30.48	31.99	62.47	74.00	-11.53	peak
2	2485.100	31.78	31.99	63.77	74.00	-10.23	peak

Test Mode:	SRD 2.4G 3M AV	Frequency(MHz):	2464.2
Polarity:	Horizontal	Test Voltage:	DC 7.2V



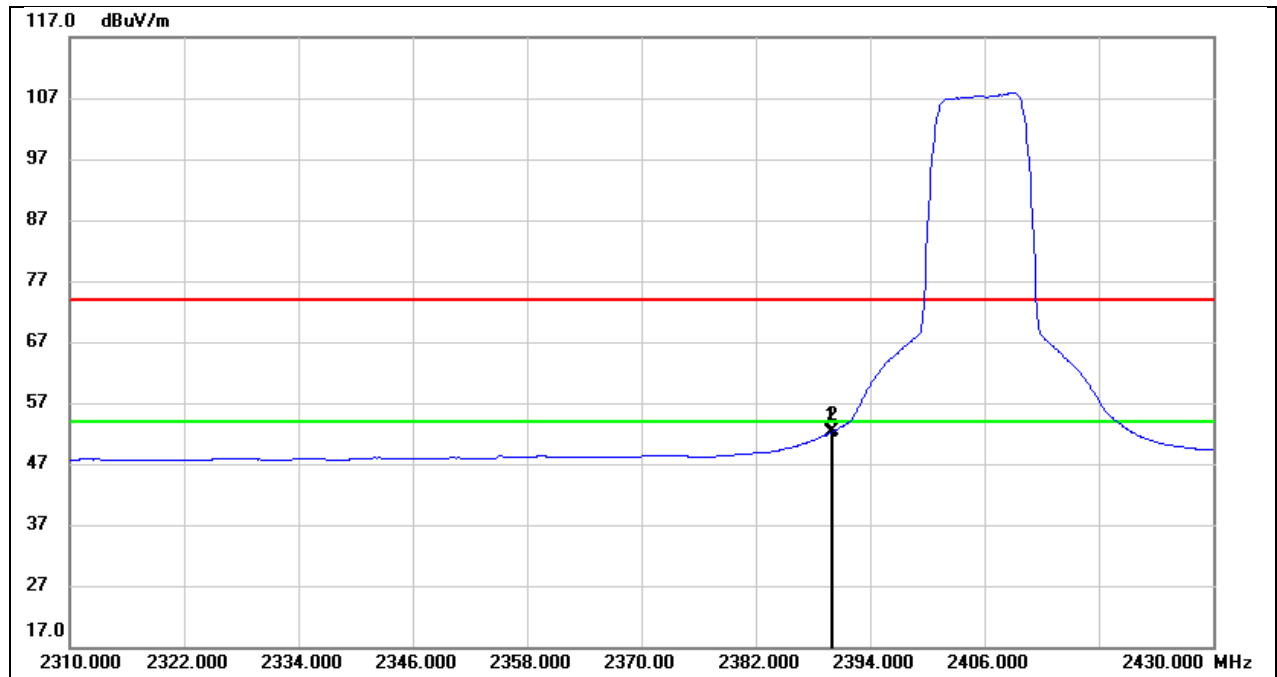
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	18.16	31.99	50.15	54.00	-3.85	AVG
2	2485.100	17.86	31.99	49.85	54.00	-4.15	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2405.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



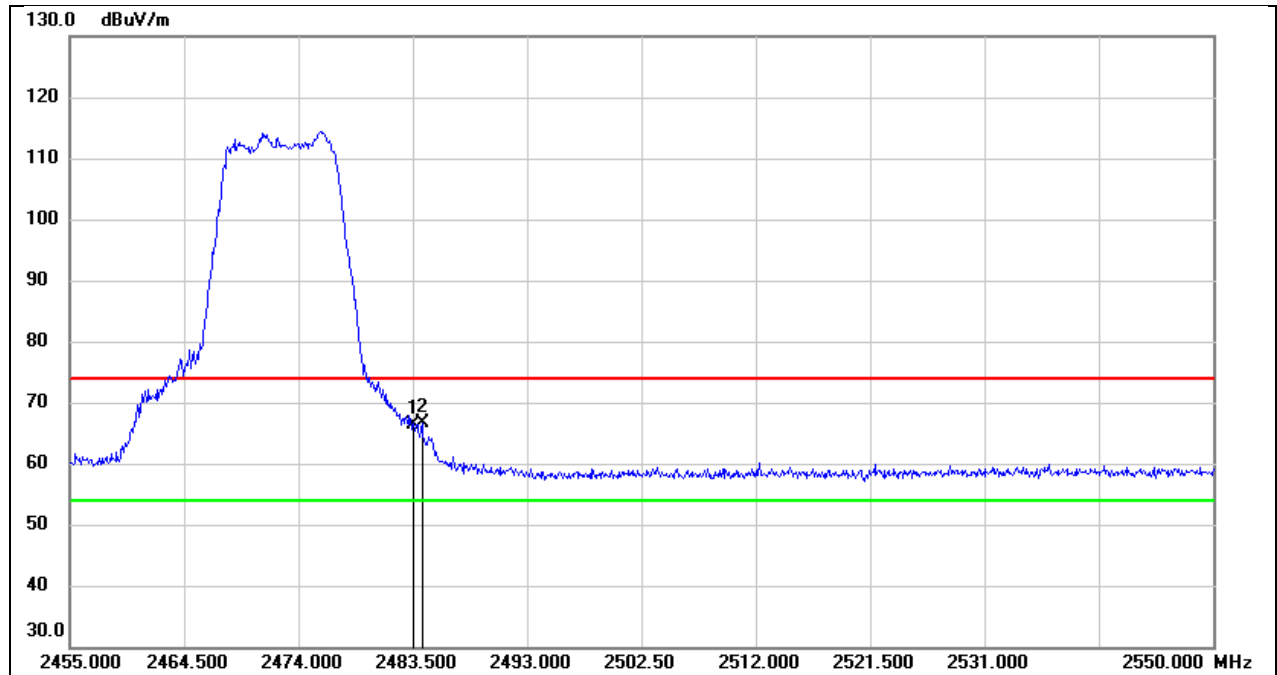
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.920	32.86	37.69	70.55	74.00	-3.45	peak
2	2390.000	31.64	37.69	69.33	74.00	-4.67	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2405.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



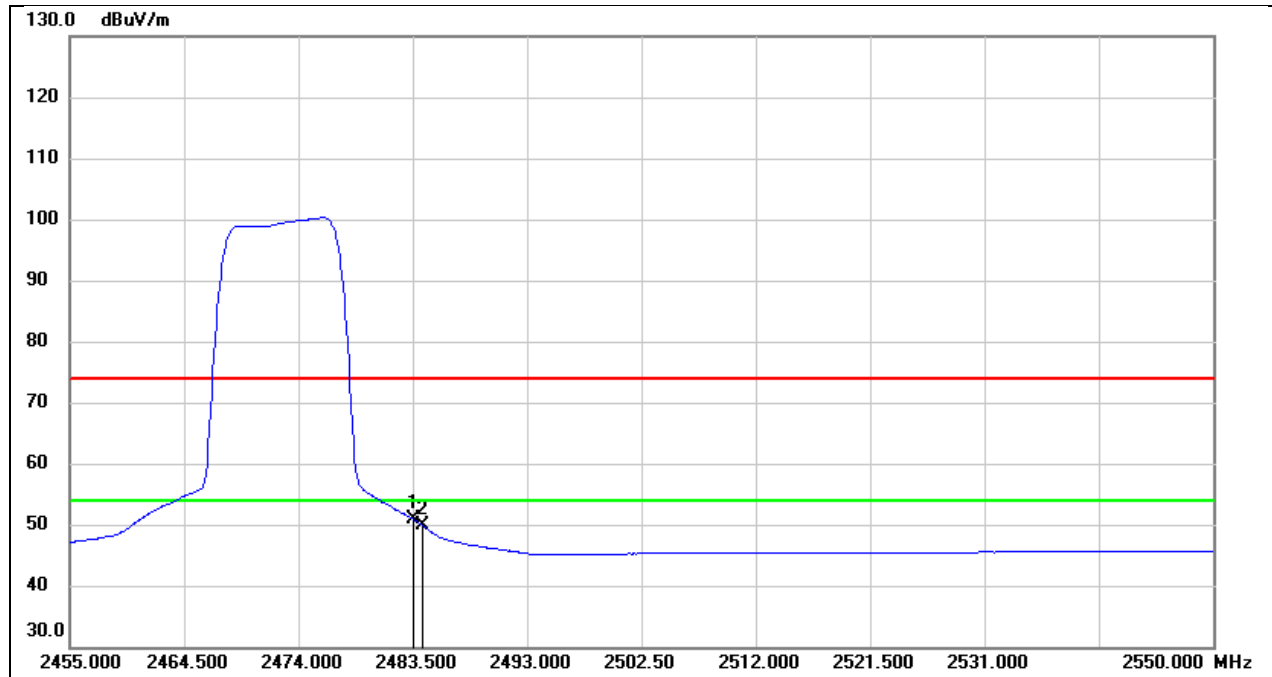
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.920	14.51	37.69	52.20	54.00	-1.80	AVG
2	2390.000	14.58	37.69	52.27	54.00	-1.73	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2472.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



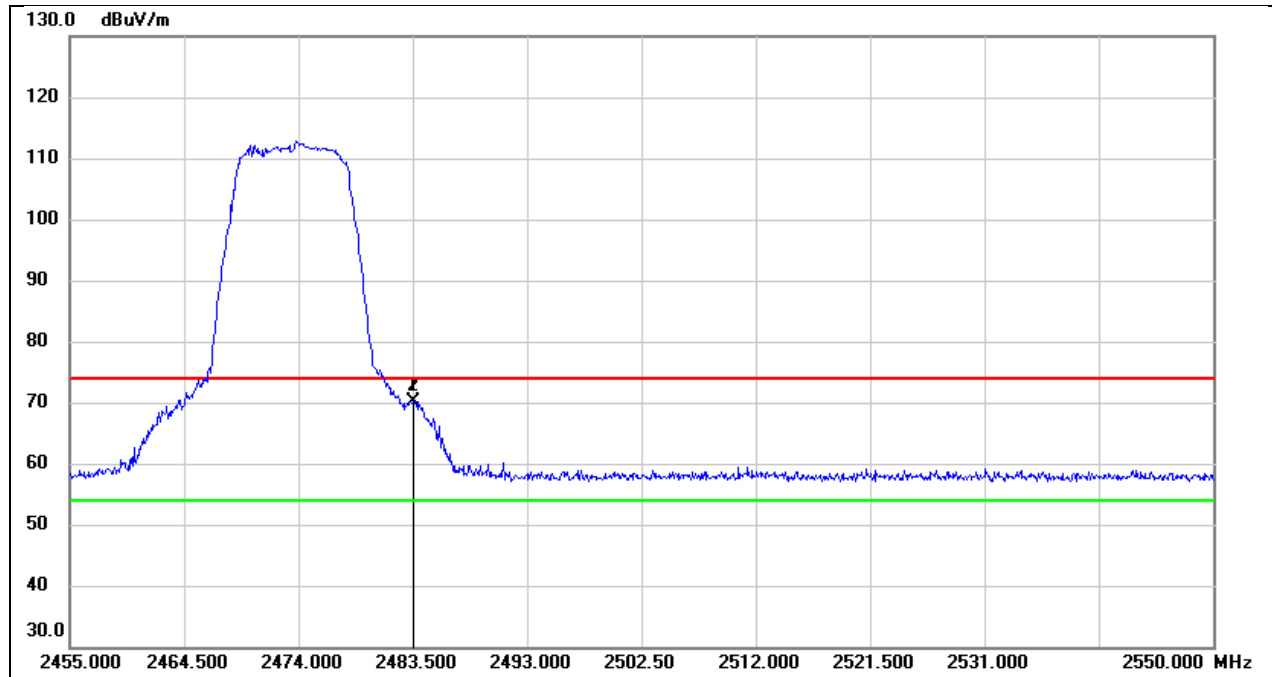
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	50.80	15.56	66.36	74.00	-7.64	peak
2	2484.260	51.13	15.56	66.69	74.00	-7.31	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2472.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



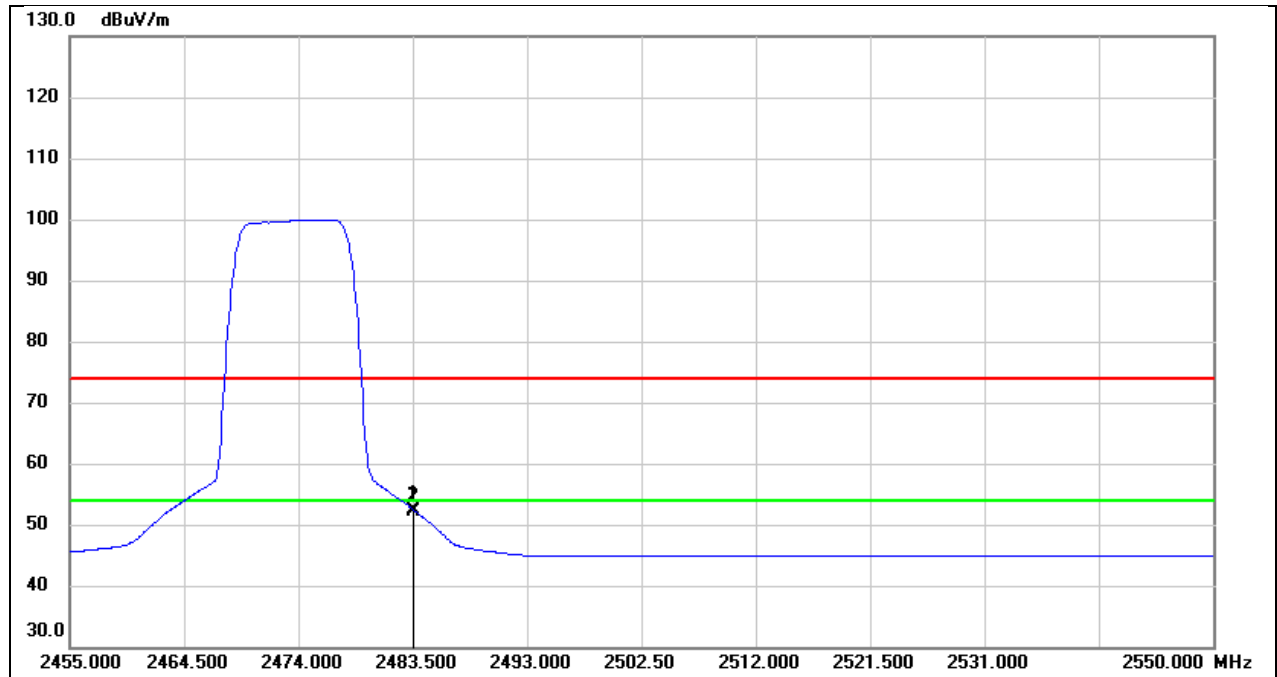
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	35.34	15.56	50.90	54.00	-3.10	AVG
2	2484.260	34.39	15.56	49.95	54.00	-4.05	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2473.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



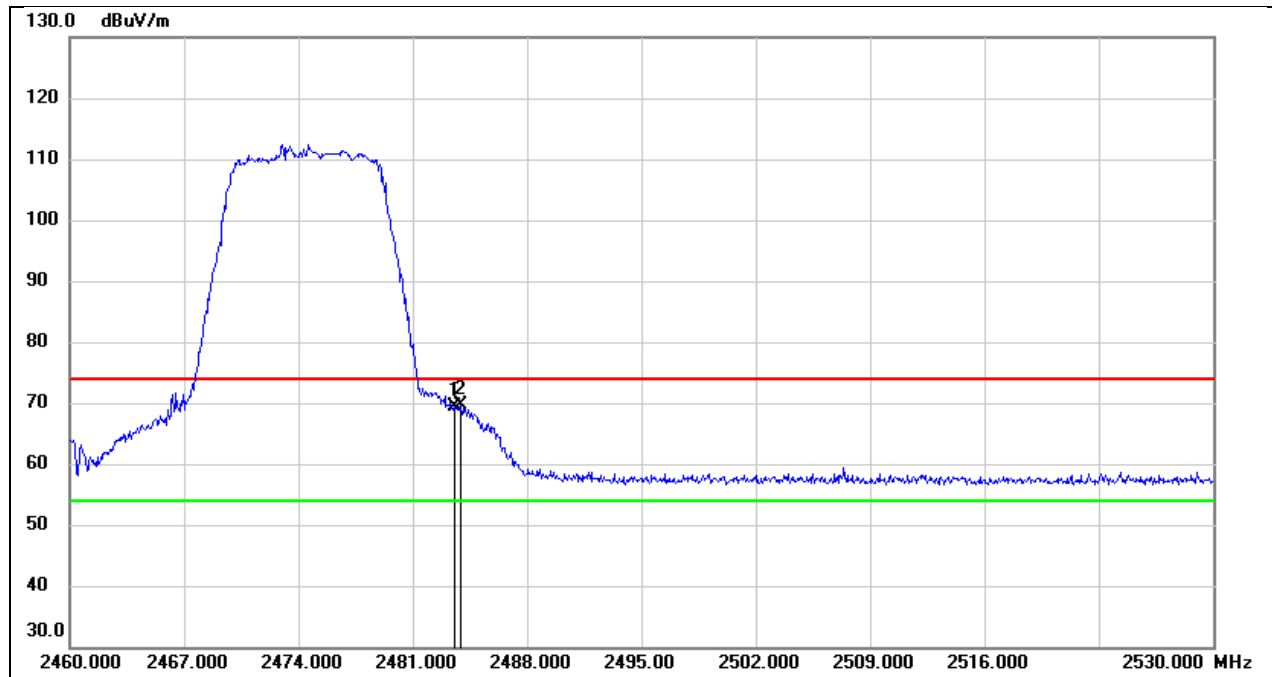
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	55.19	14.85	70.04	74.00	-3.96	peak
2	2483.595	55.28	14.85	70.13	74.00	-3.87	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2473.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



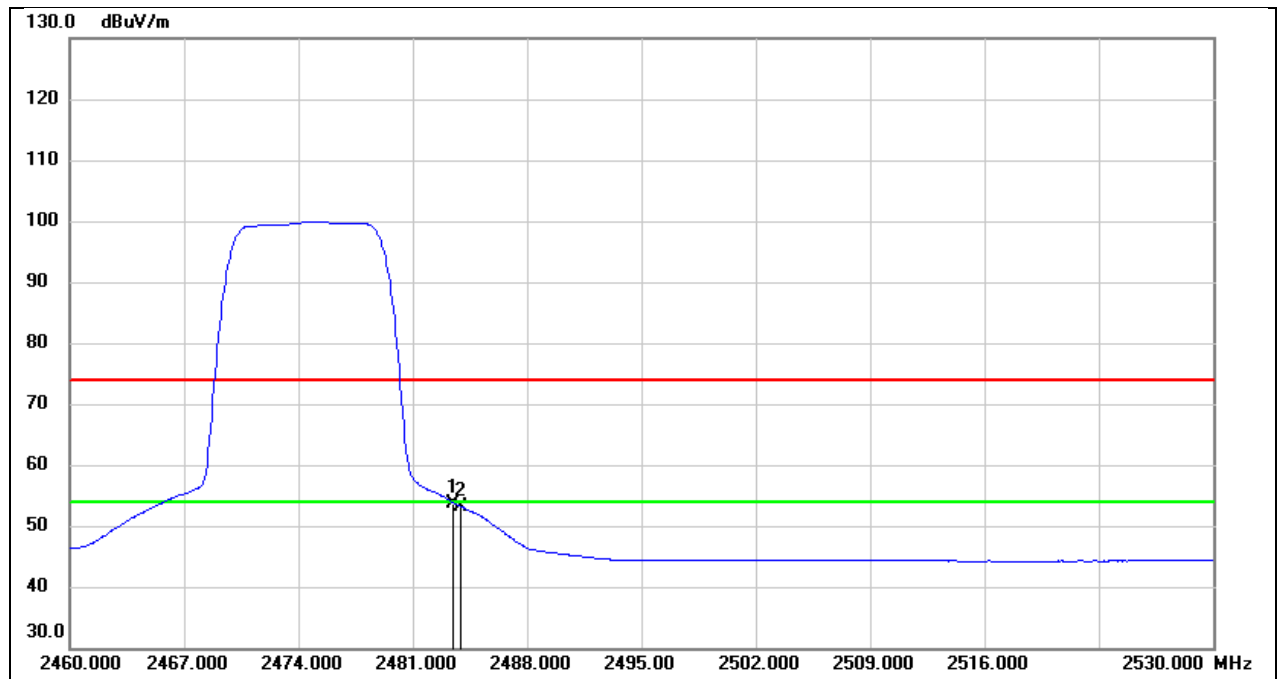
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	37.61	14.85	52.46	54.00	-1.54	AVG
2	2483.595	37.36	14.85	52.21	54.00	-1.79	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2474.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



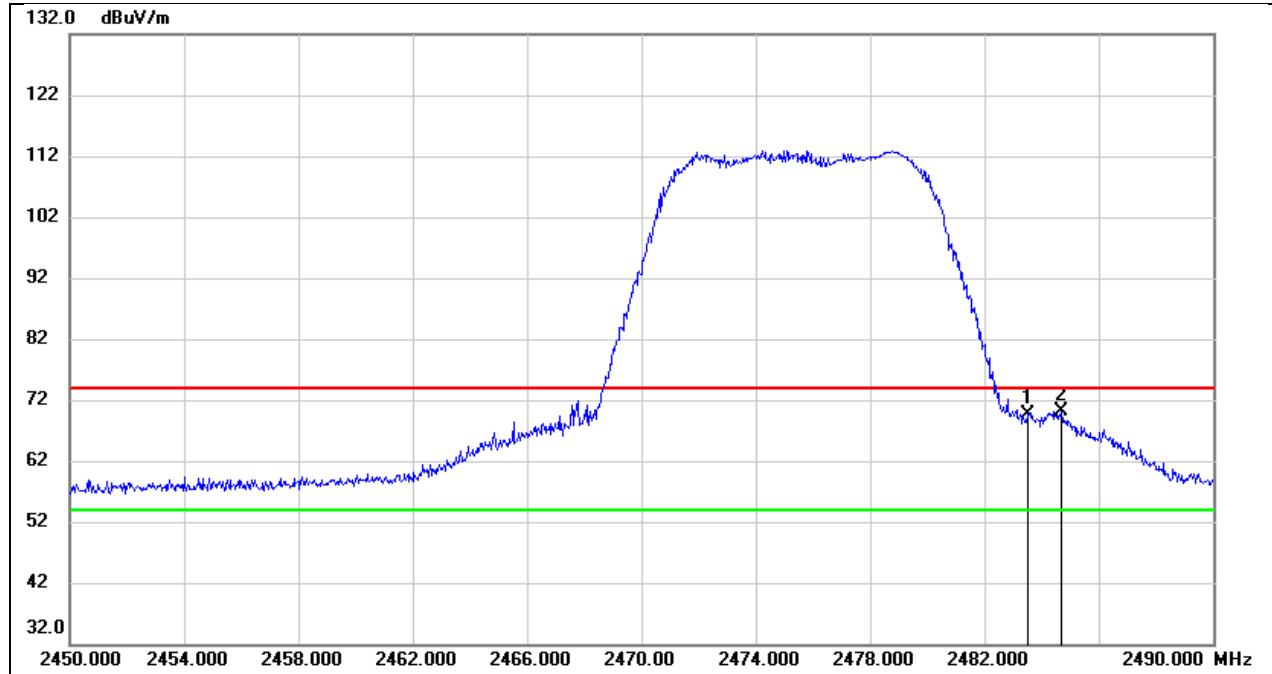
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	54.61	14.85	69.46	74.00	-4.54	peak
2	2483.940	54.71	14.85	69.56	74.00	-4.44	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2474.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



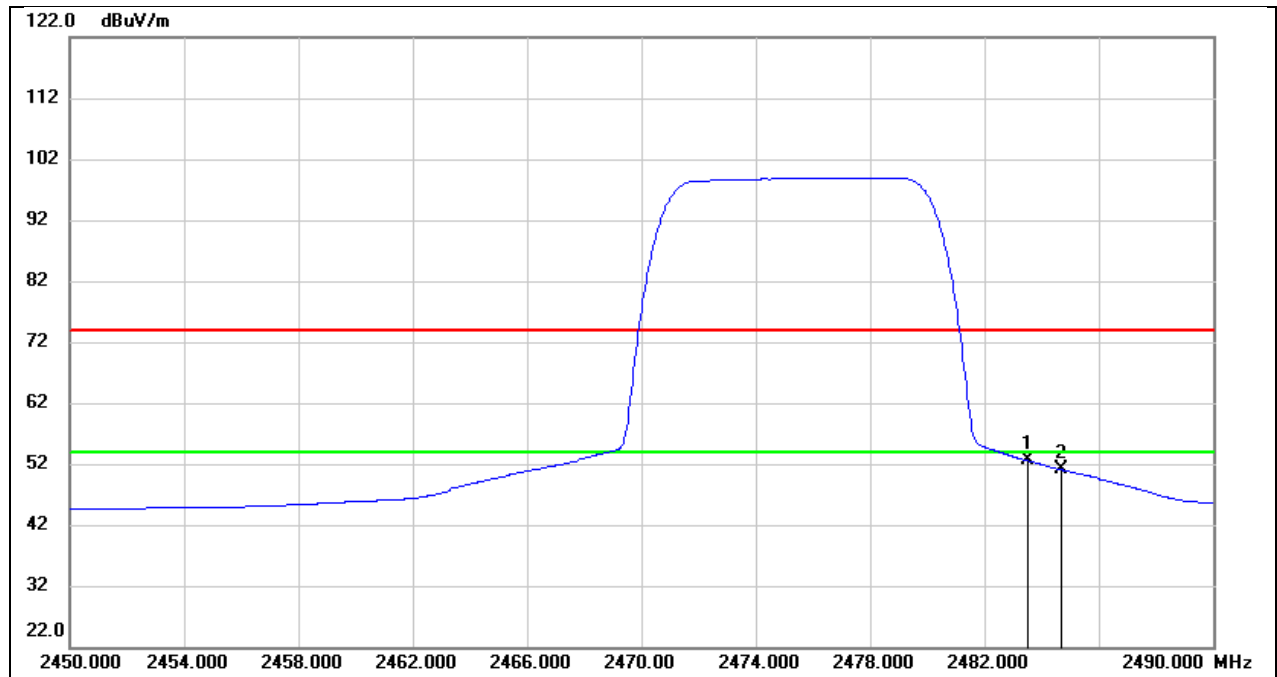
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.89	14.85	53.74	54.00	-0.26	AVG
2	2483.940	38.36	14.85	53.21	54.00	-0.79	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2475.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



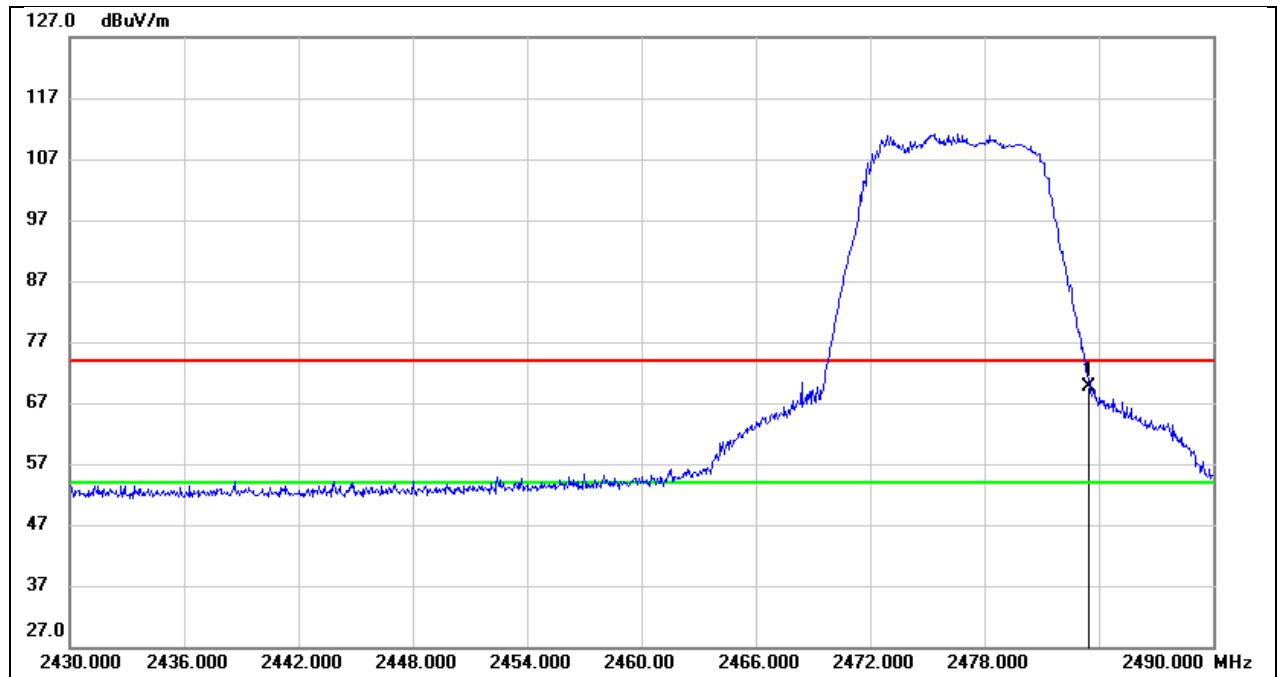
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	31.60	37.99	69.59	74.00	-4.41	peak
2	2484.680	32.21	37.99	70.20	74.00	-3.80	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2475.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



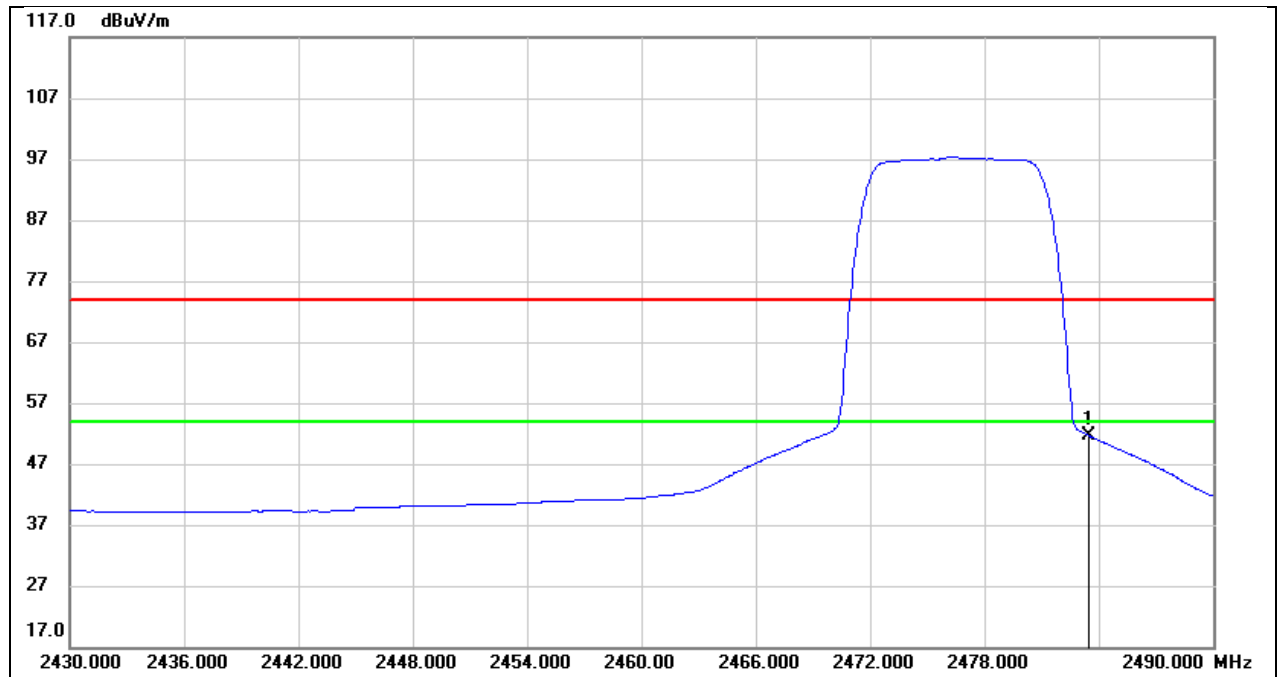
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	14.54	37.99	52.53	54.00	-1.47	AVG
2	2484.680	13.15	37.99	51.14	54.00	-2.86	AVG

Test Mode:	SRD 2.4G 10M PK	Frequency(MHz):	2476.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



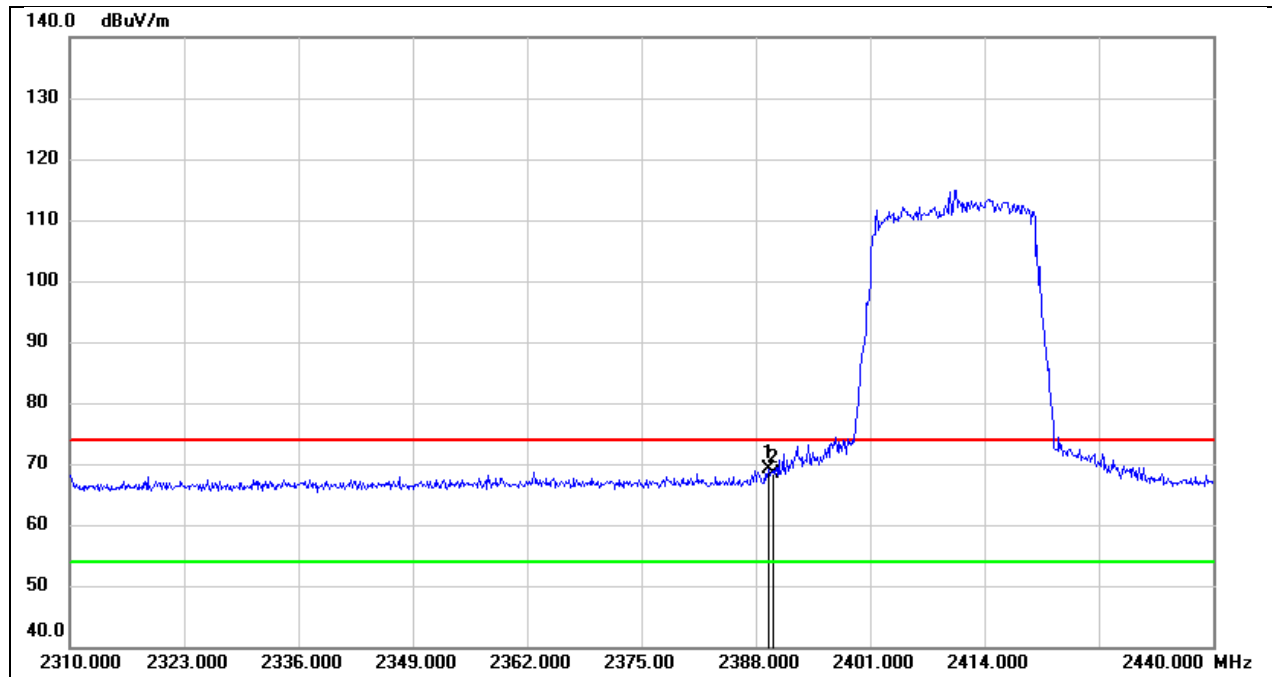
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	31.70	37.99	69.69	74.00	-4.31	peak

Test Mode:	SRD 2.4G 10M AV	Frequency(MHz):	2476.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



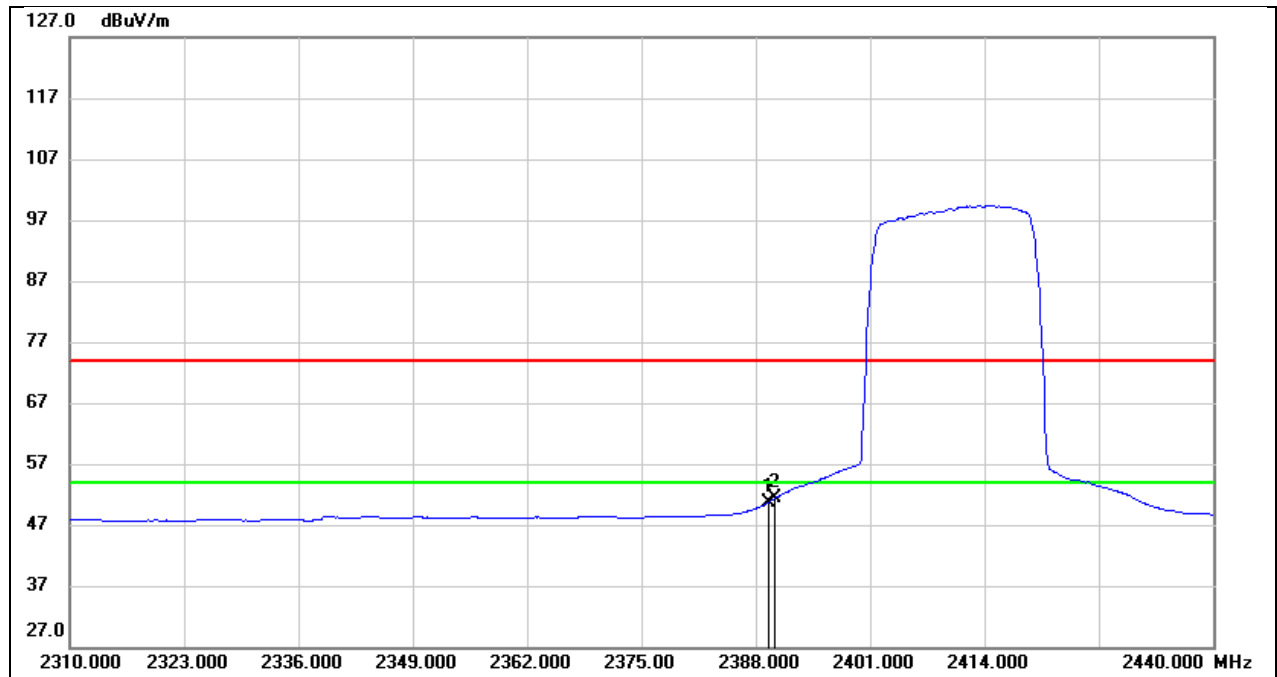
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	13.65	37.99	51.64	54.00	-2.36	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



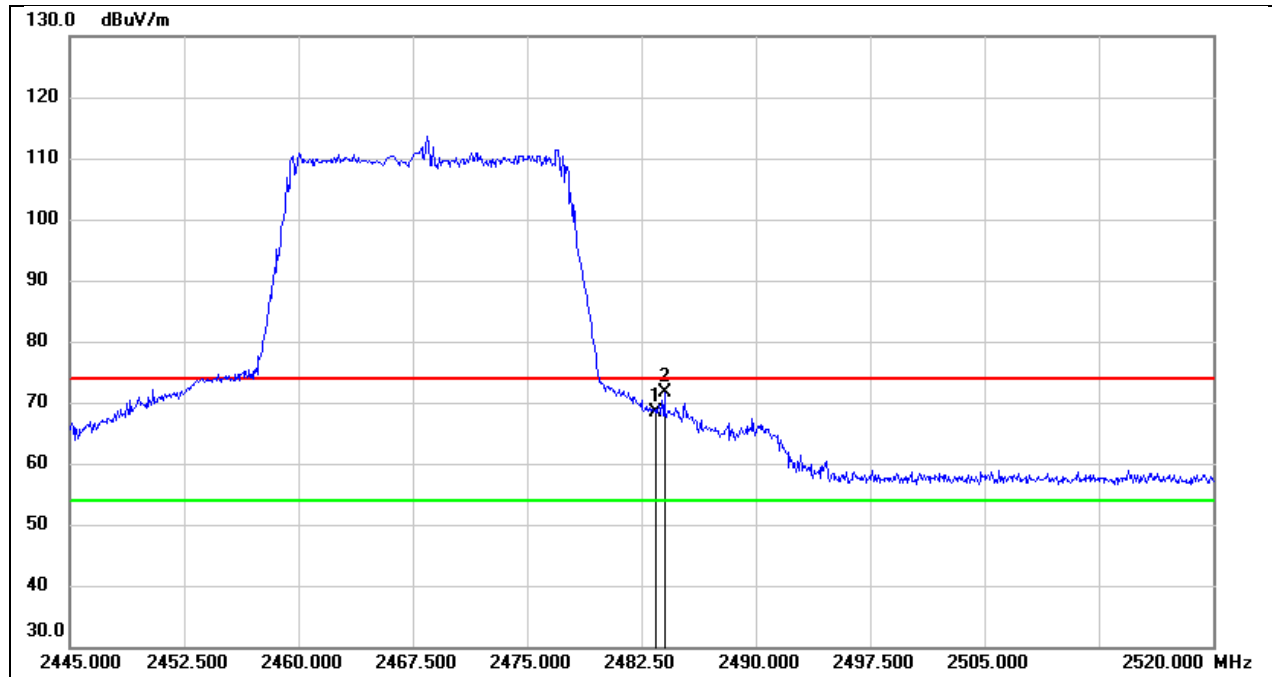
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.430	31.51	37.68	69.19	74.00	-4.81	peak
2	2390.000	30.59	37.69	68.28	74.00	-5.72	peak

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



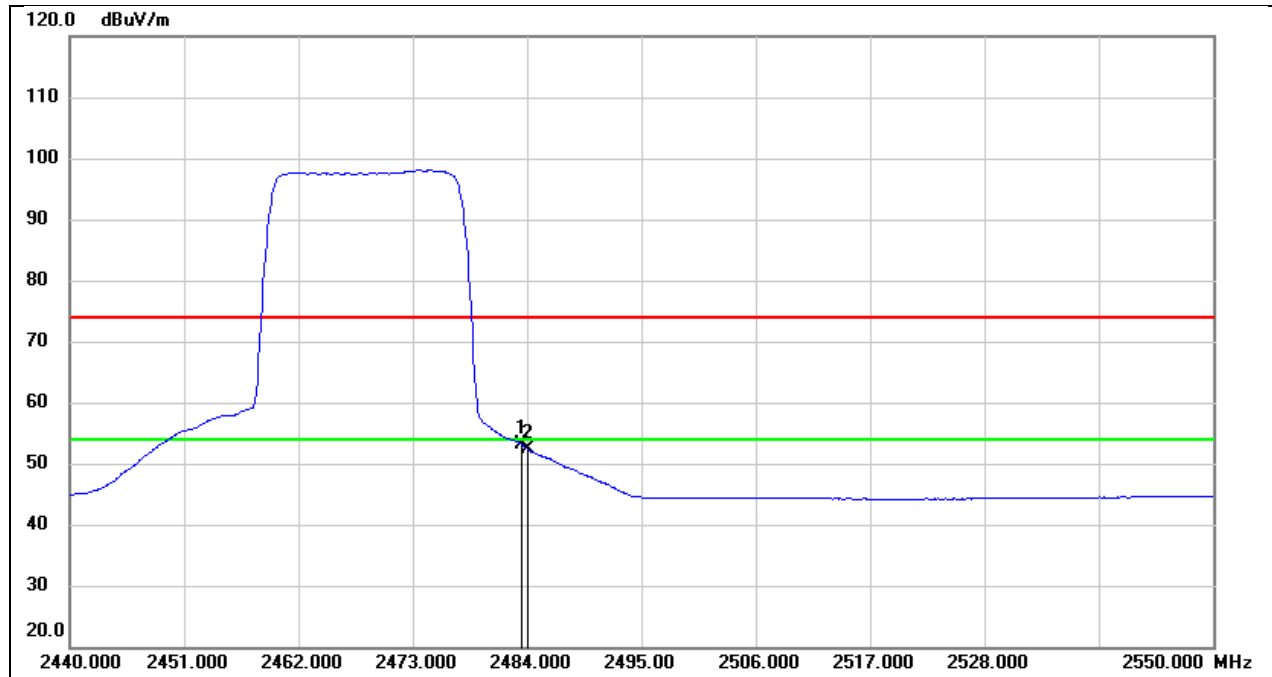
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.430	13.00	37.68	50.68	54.00	-3.32	AVG
2	2390.000	13.64	37.69	51.33	54.00	-2.67	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2468.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



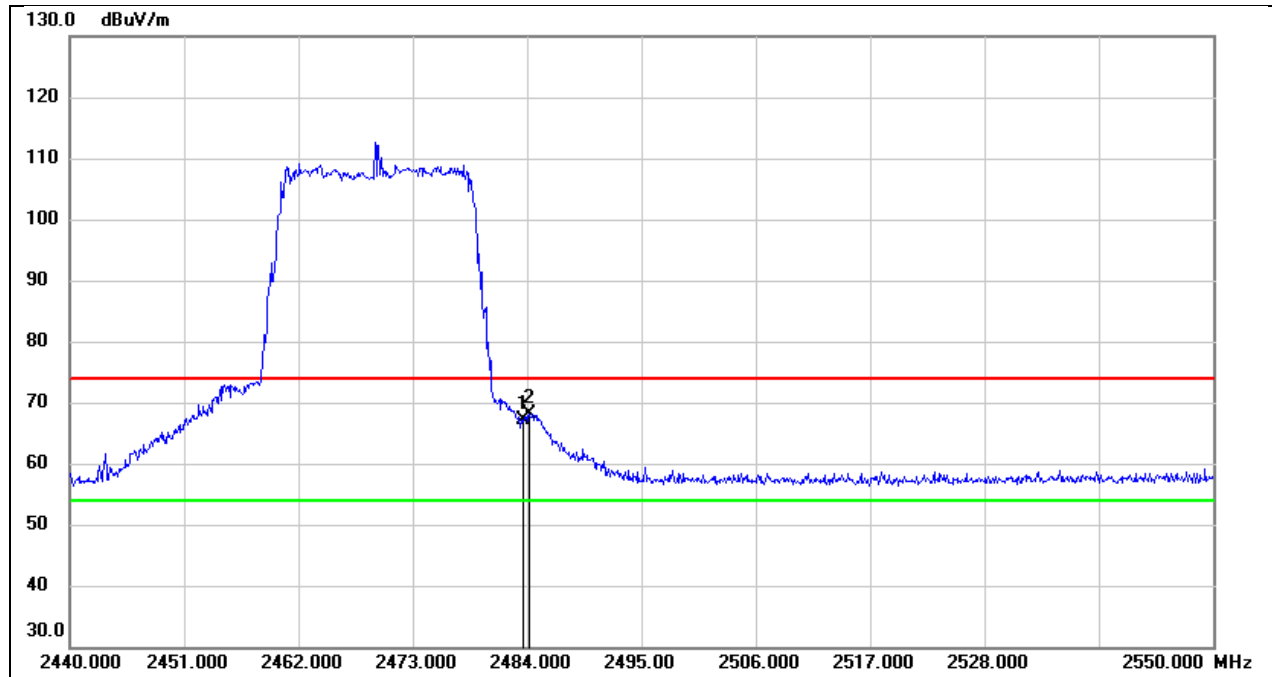
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	53.41	14.85	68.26	74.00	-5.74	peak
2	2484.000	56.69	14.85	71.54	74.00	-2.46	peak

Test Mode:	SRD 2.4G 20M AV	Frequency(MHz):	2468.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



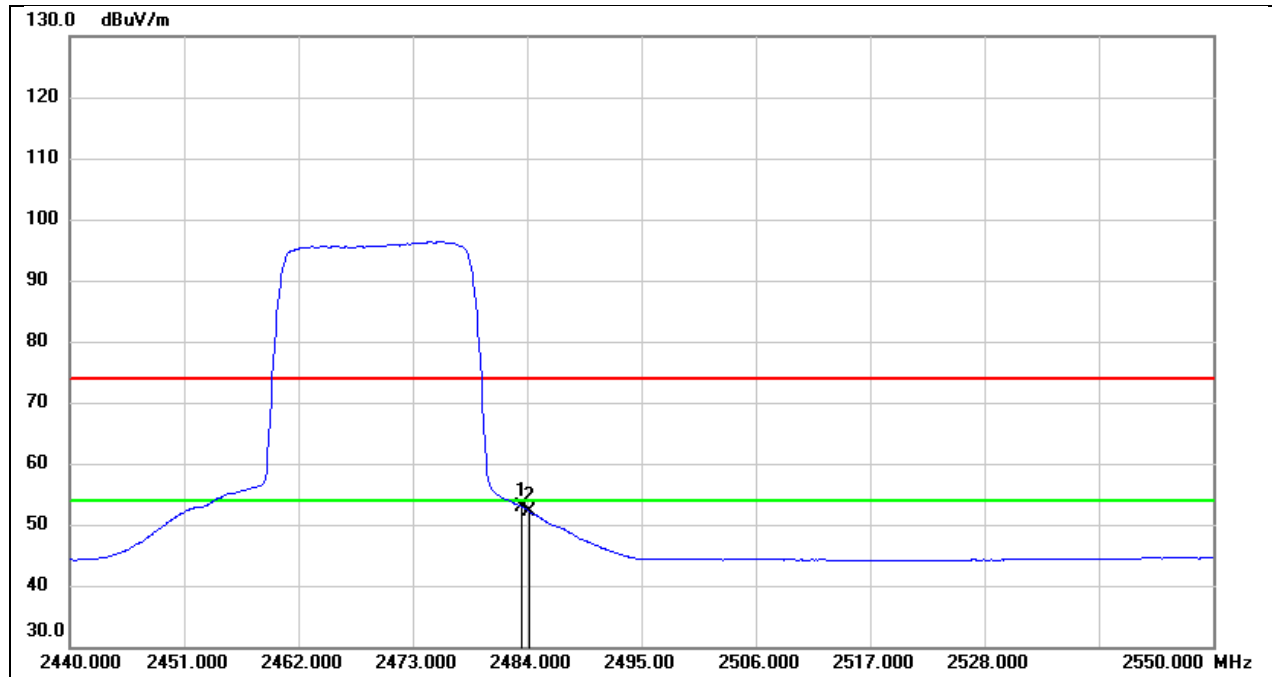
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.20	14.85	53.05	54.00	-0.95	AVG
2	2484.000	37.57	14.85	52.42	54.00	-1.58	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2469.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



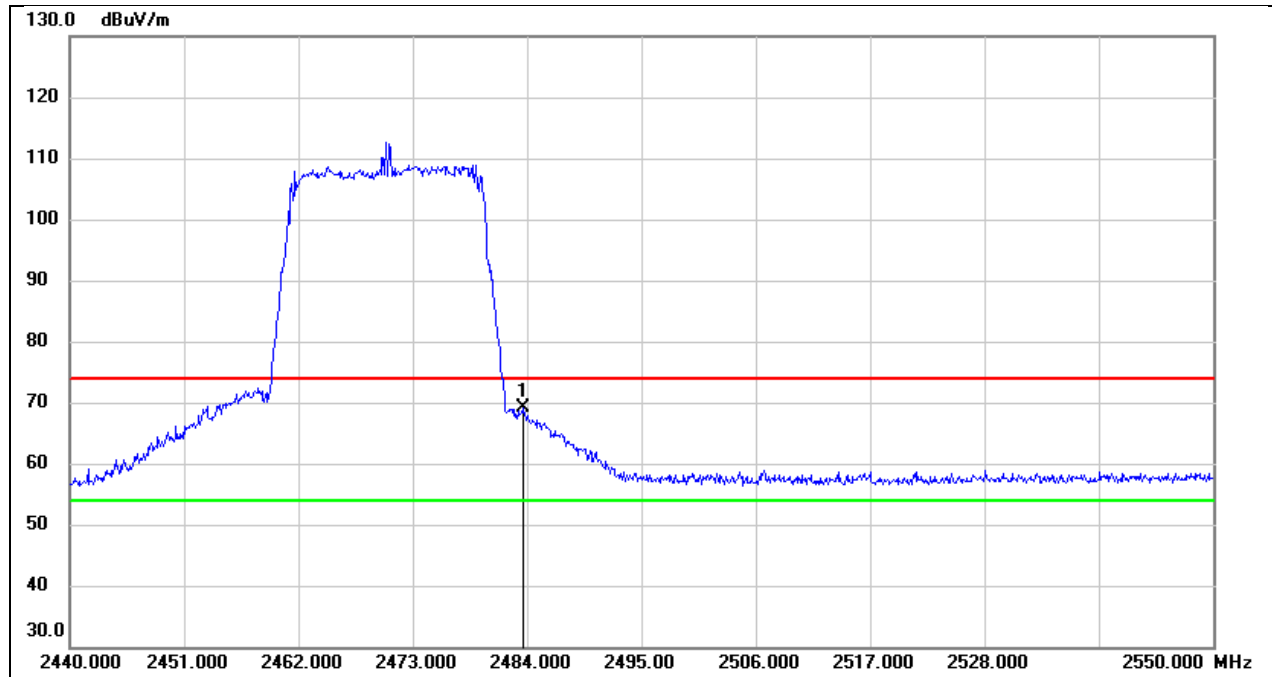
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	52.29	14.85	67.14	74.00	-6.86	peak
2	2484.220	53.20	14.85	68.05	74.00	-5.95	peak

Test Mode:	SRD 2.4G 20M AV	Frequency(MHz):	2469.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



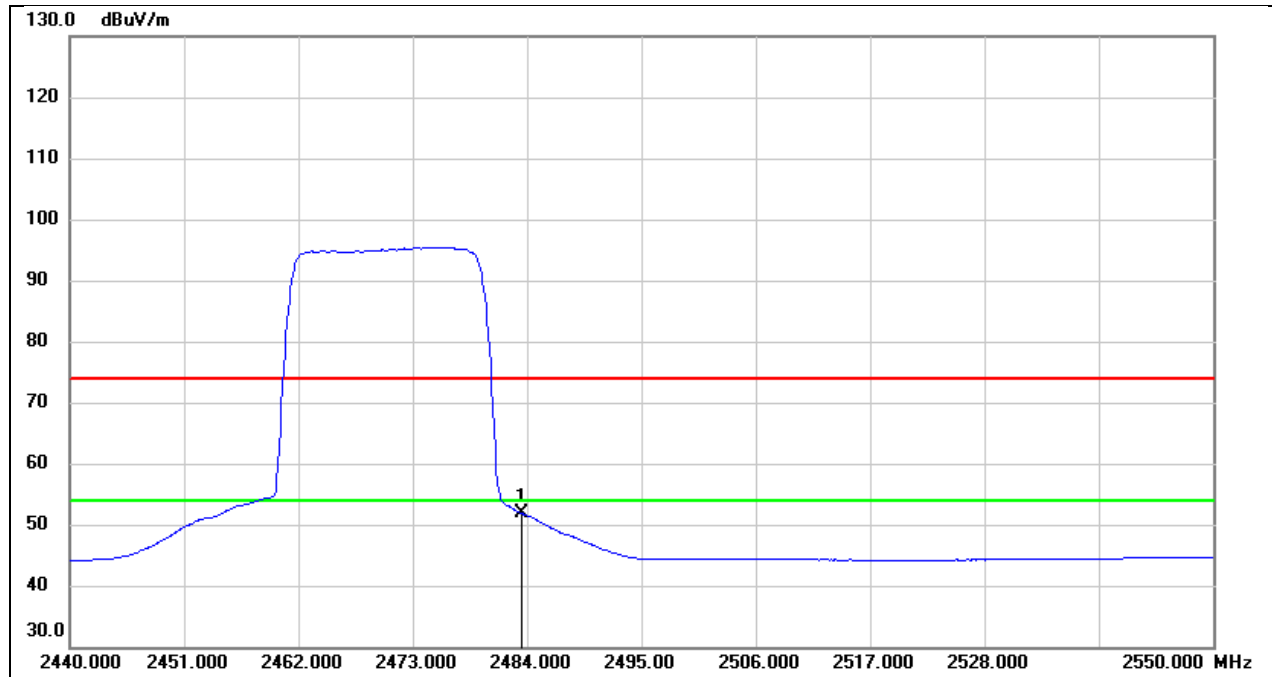
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.03	14.85	52.88	54.00	-1.12	AVG
2	2484.220	37.28	14.85	52.13	54.00	-1.87	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2470.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



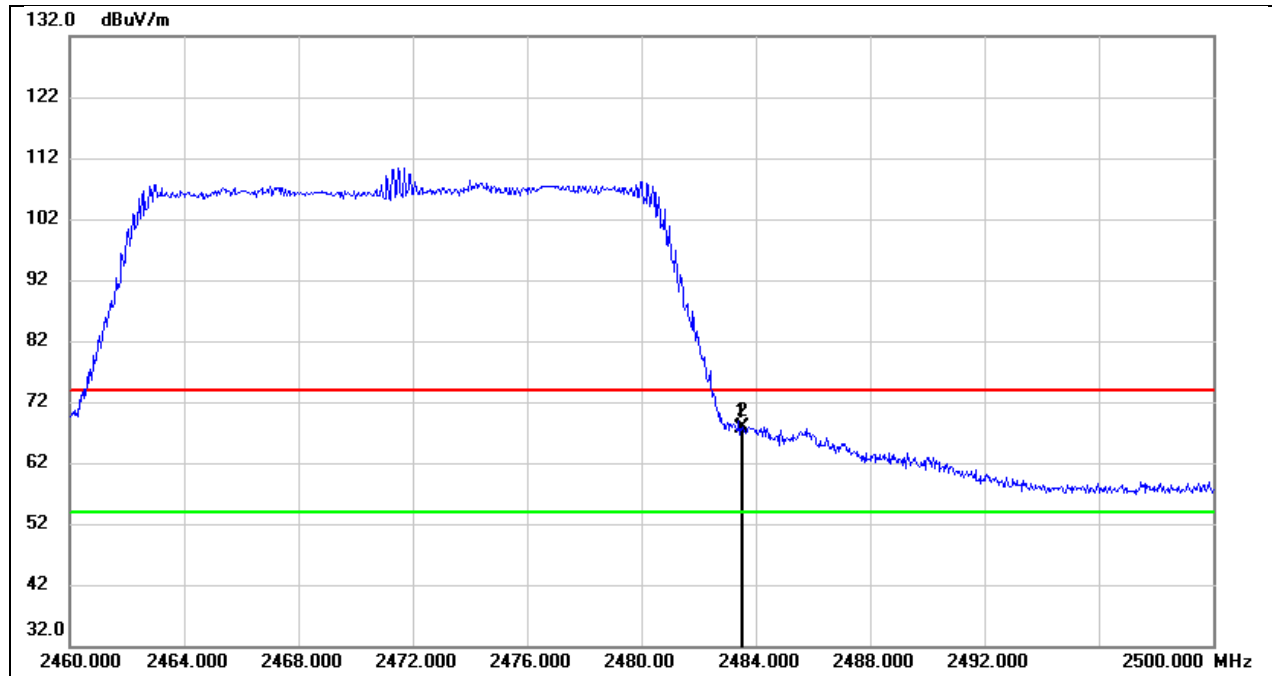
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	54.16	14.85	69.01	74.00	-4.99	peak

Test Mode:	SRD 2.4G 20M AV	Frequency(MHz):	2470.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



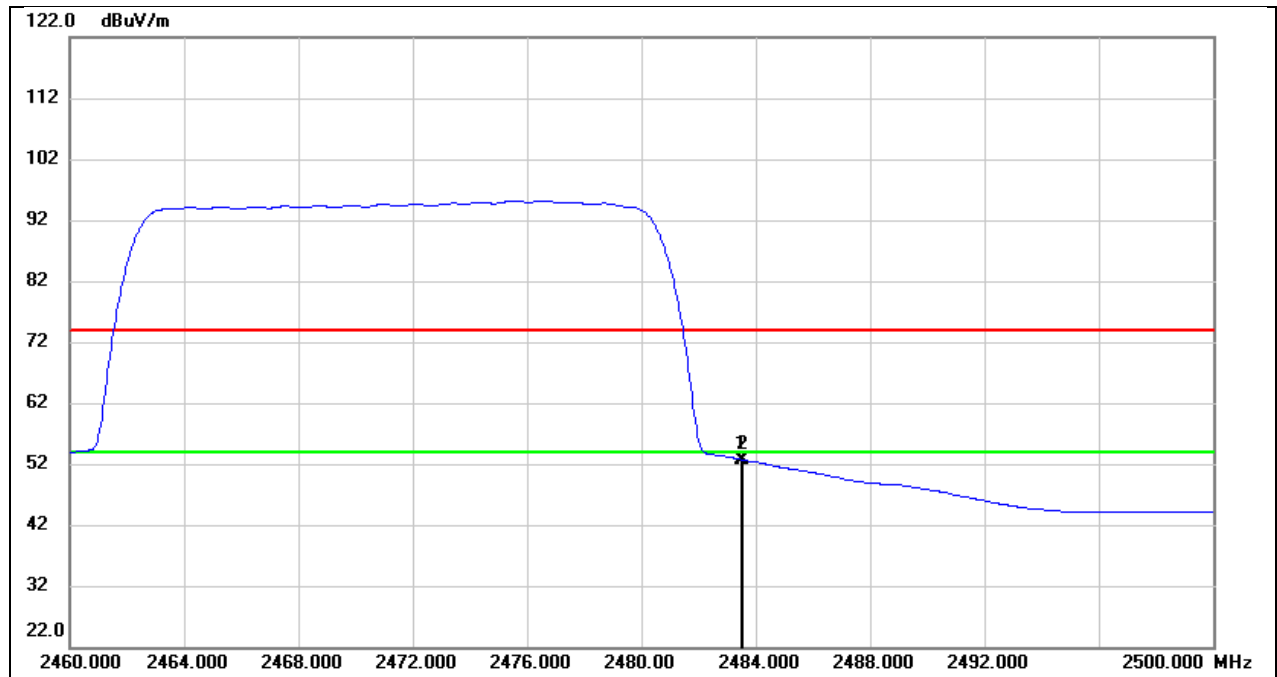
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	36.93	14.85	51.78	54.00	-2.22	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2471.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



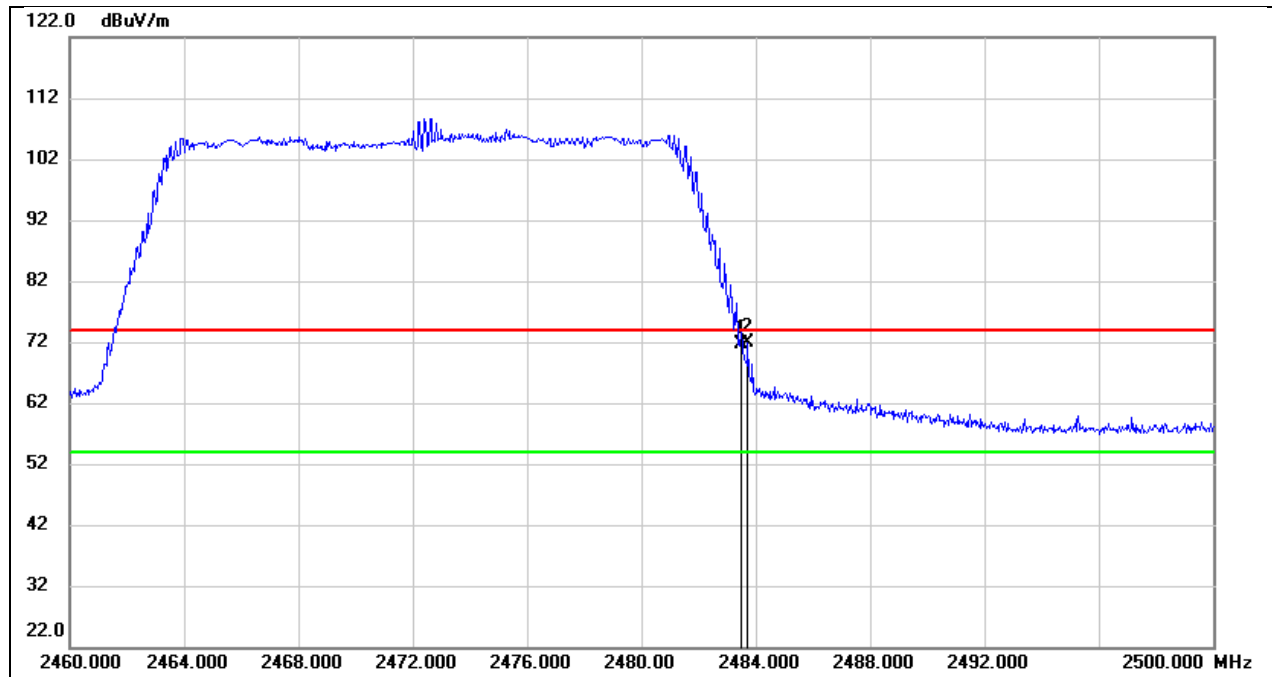
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	29.70	37.99	67.69	74.00	-6.31	peak
2	2483.560	29.92	37.99	67.91	74.00	-6.09	peak

Test Mode:	SRD 2.4G 20M AV	Frequency(MHz):	2471.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



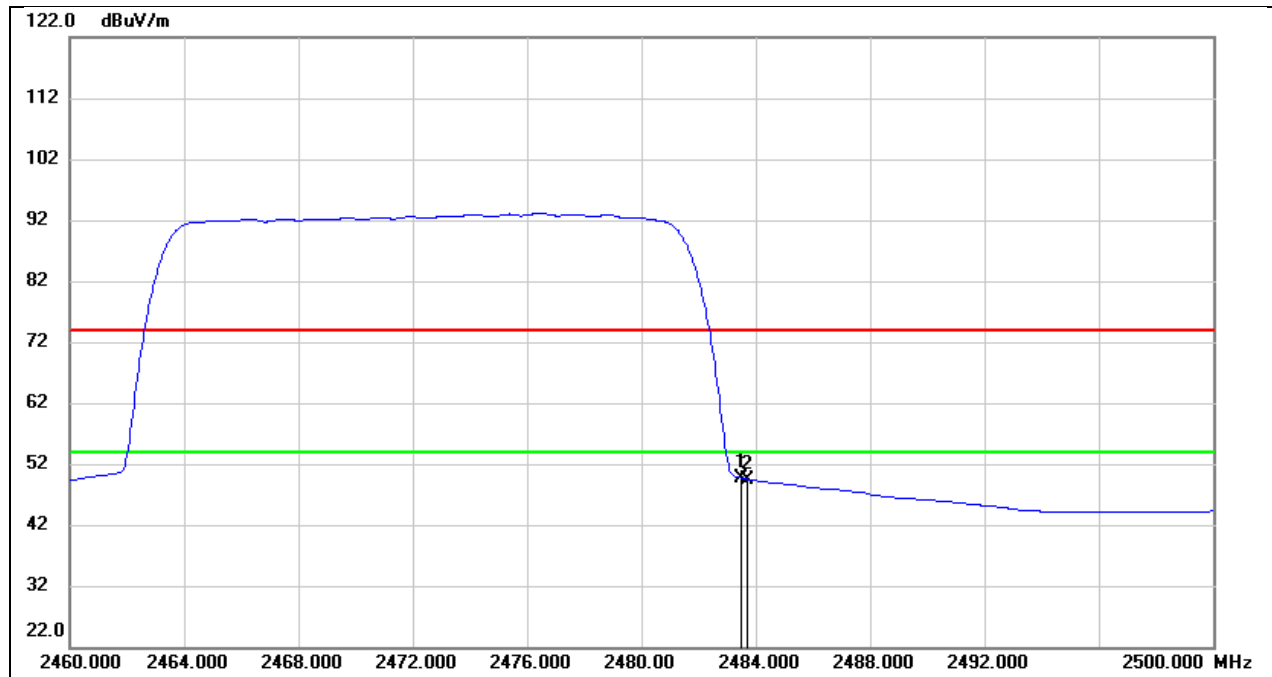
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	14.62	37.99	52.61	54.00	-1.39	AVG
2	2483.560	14.56	37.99	52.55	54.00	-1.45	AVG

Test Mode:	SRD 2.4G 20M PK	Frequency(MHz):	2472.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



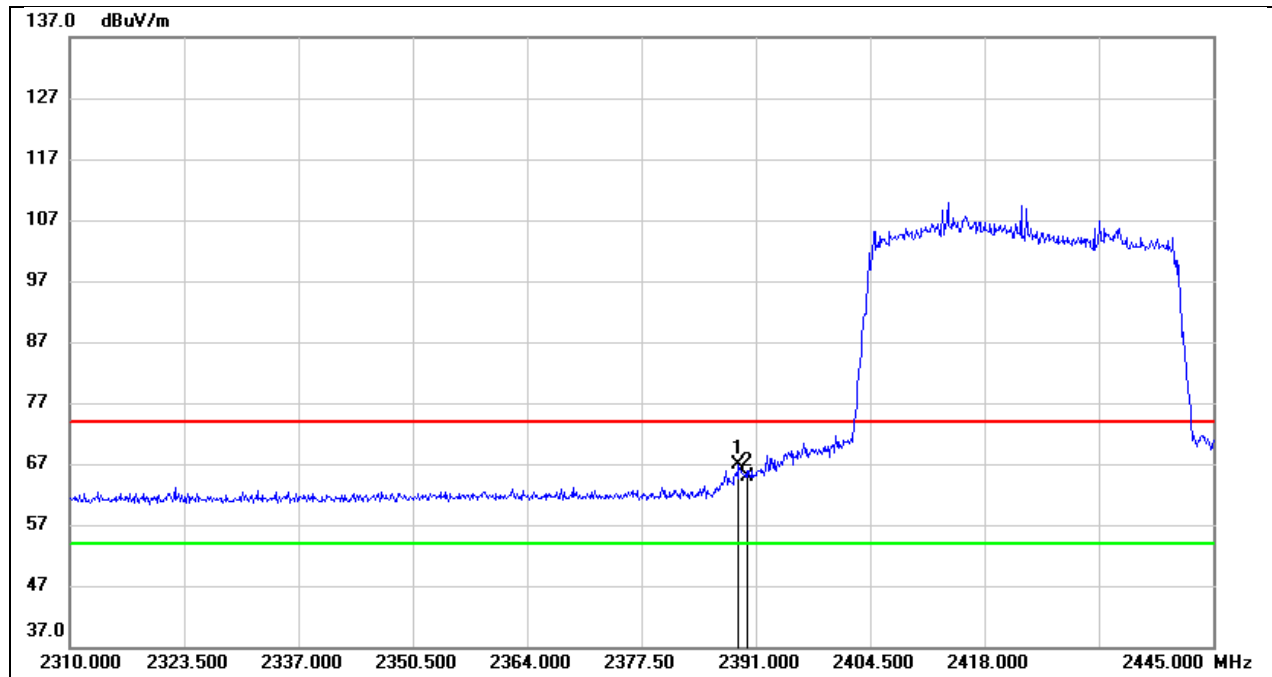
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	33.54	37.99	71.53	74.00	-2.47	peak
2	2483.720	33.80	37.99	71.79	74.00	-2.21	peak

Test Mode:	SRD 2.4G 20M AV	Frequency(MHz):	2472.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



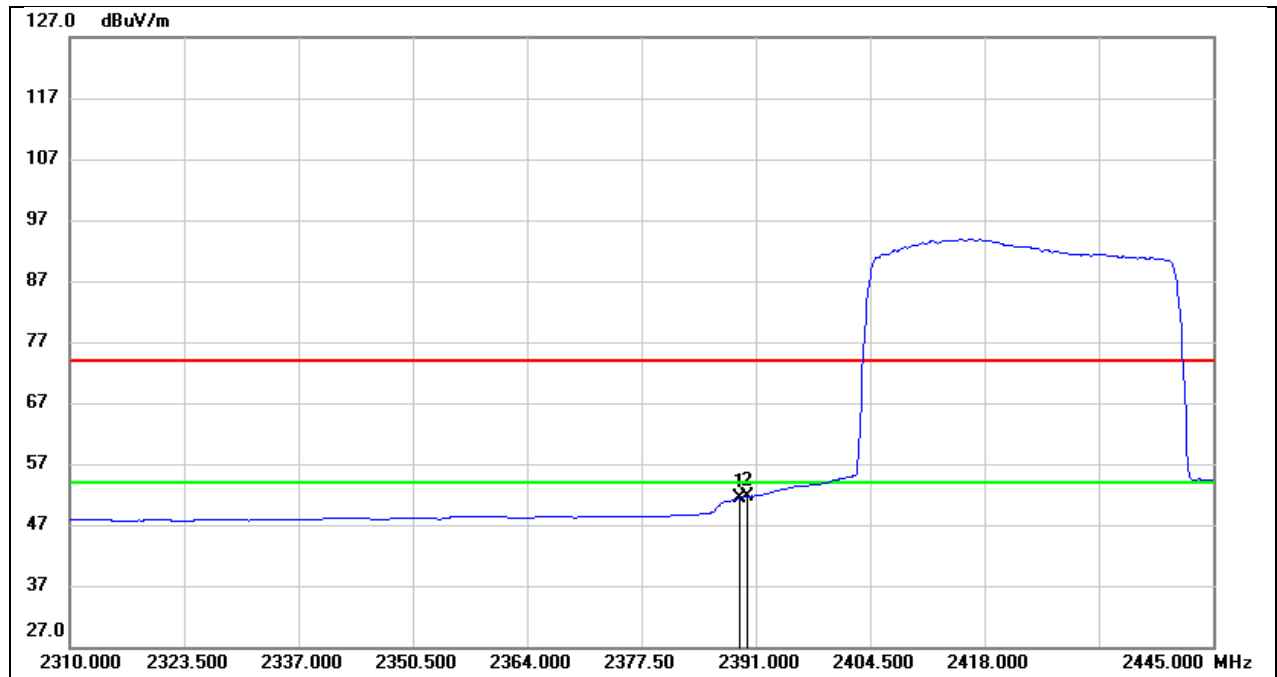
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	11.76	37.99	49.75	54.00	-4.25	AVG
2	2483.720	11.50	37.99	49.49	54.00	-4.51	AVG

Test Mode:	SRD 2.4G 40M PK	Frequency(MHz):	2422.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



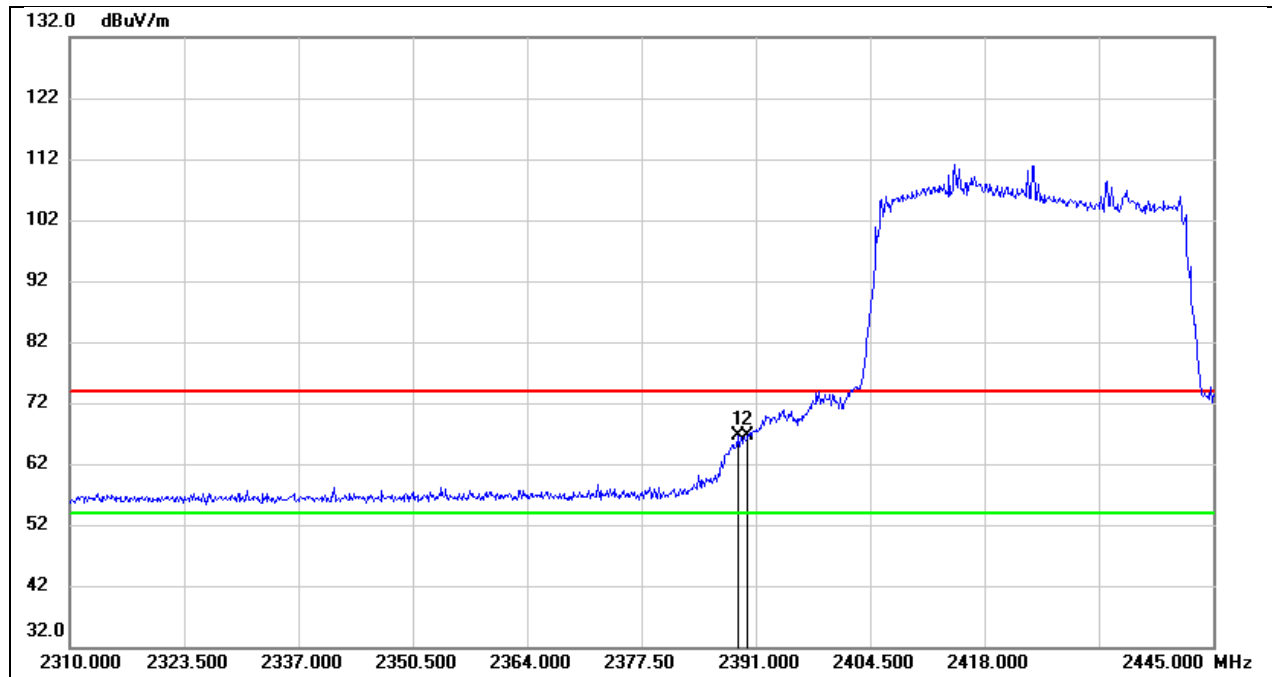
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.975	29.21	37.68	66.89	74.00	-7.11	peak
2	2390.000	27.17	37.69	64.86	74.00	-9.14	peak

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2422.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



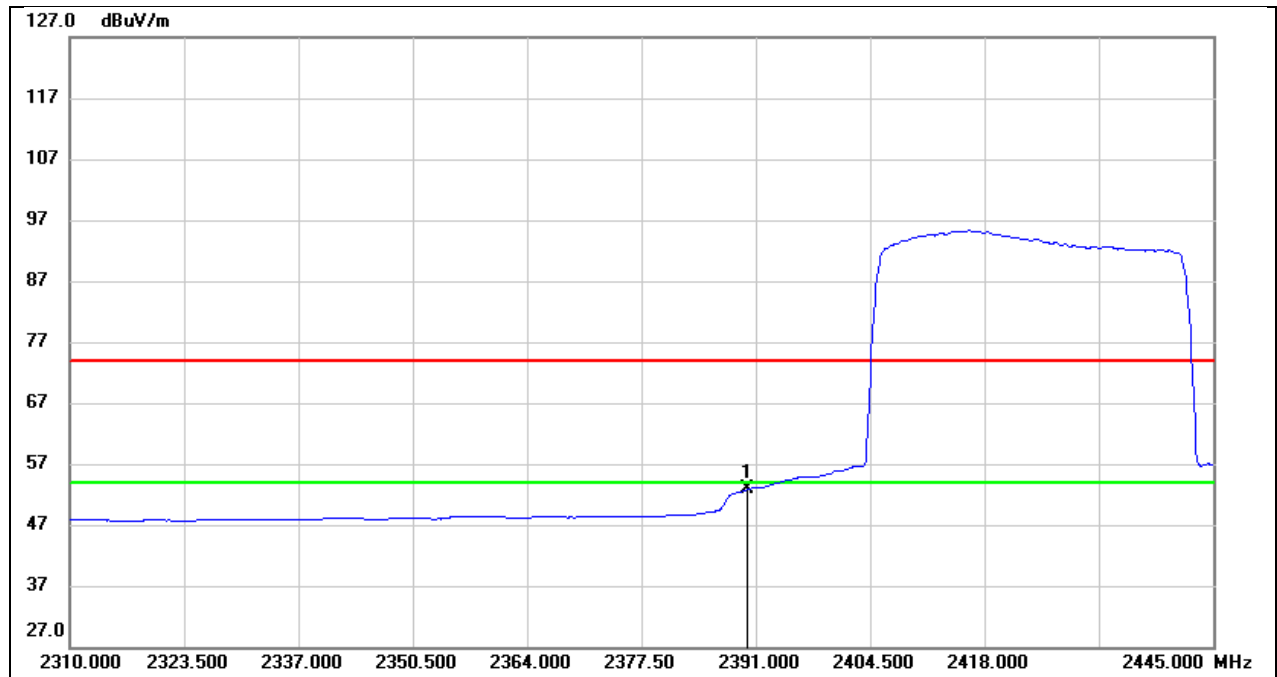
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.975	13.70	37.68	51.38	54.00	-2.62	AVG
2	2390.000	14.02	37.69	51.71	54.00	-2.29	AVG

Test Mode:	SRD 2.4G 40M PK	Frequency(MHz):	2423.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



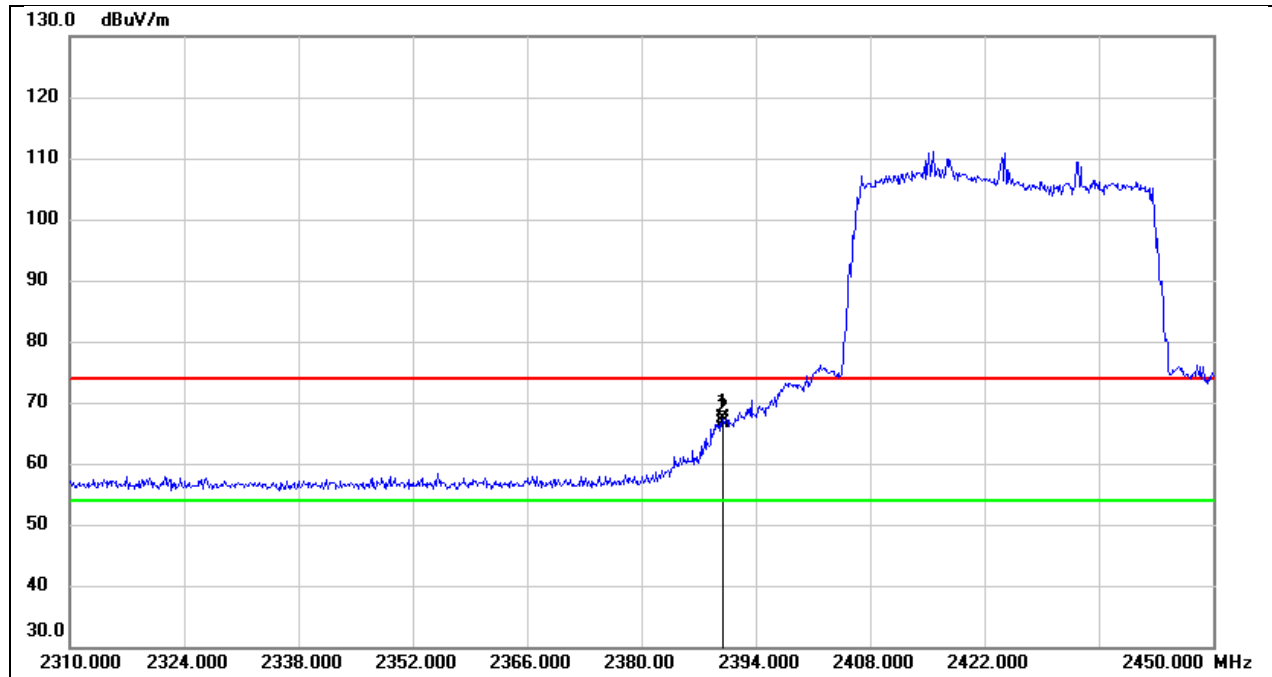
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.840	29.06	37.68	66.74	74.00	-7.26	peak
2	2390.000	29.00	37.69	66.69	74.00	-7.31	peak

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2423.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



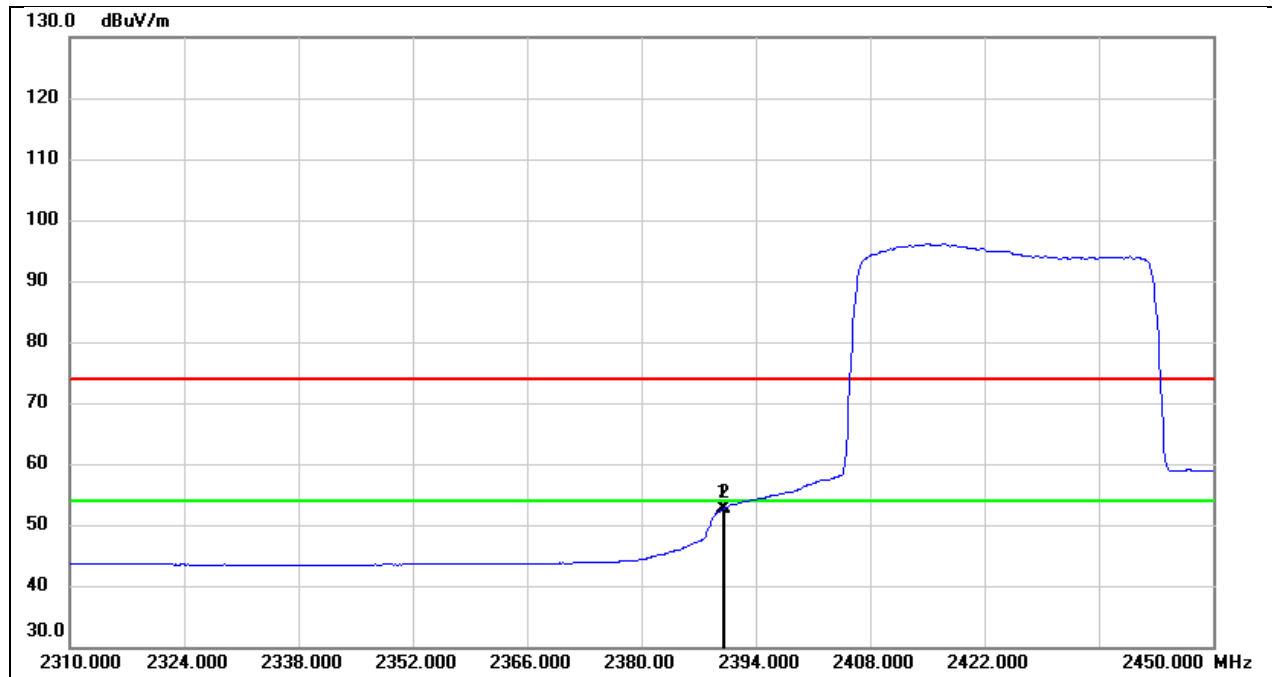
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	15.17	37.69	52.86	54.00	-1.14	AVG

Test Mode:	SRD 2.4G 40M PK	Frequency(MHz):	2424.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



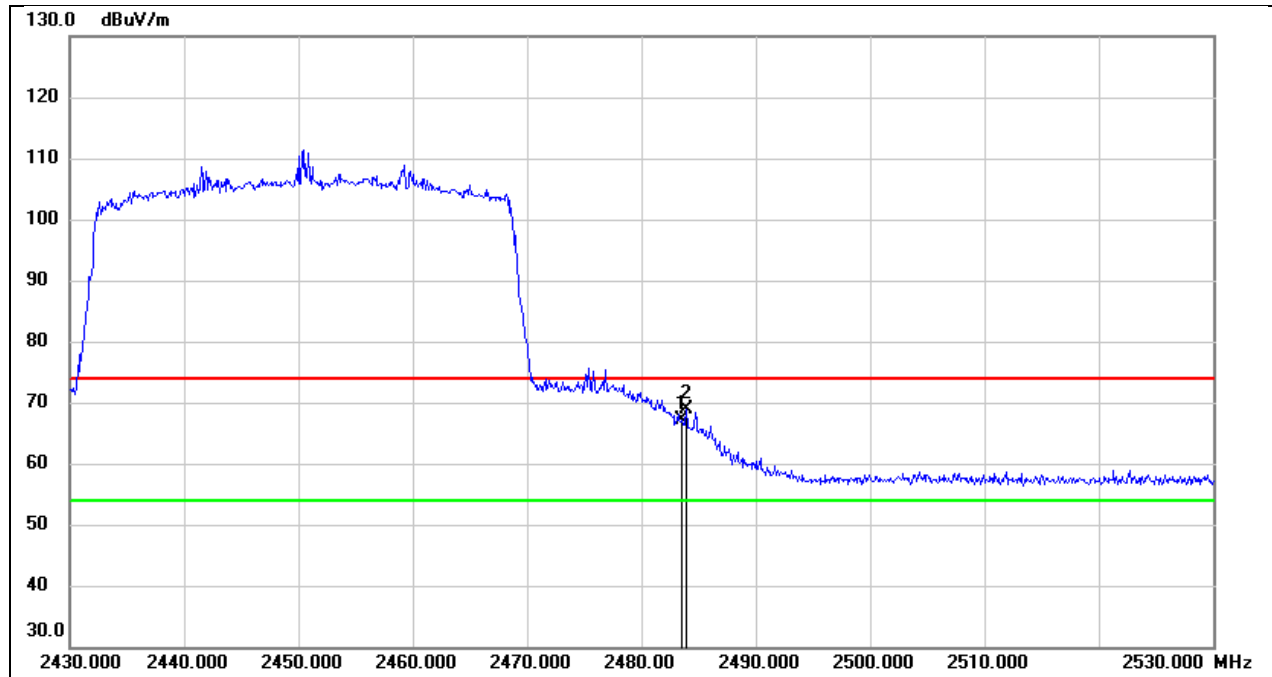
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.940	52.85	14.45	67.30	74.00	-6.70	peak
2	2390.000	52.28	14.45	66.73	74.00	-7.27	peak

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2424.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



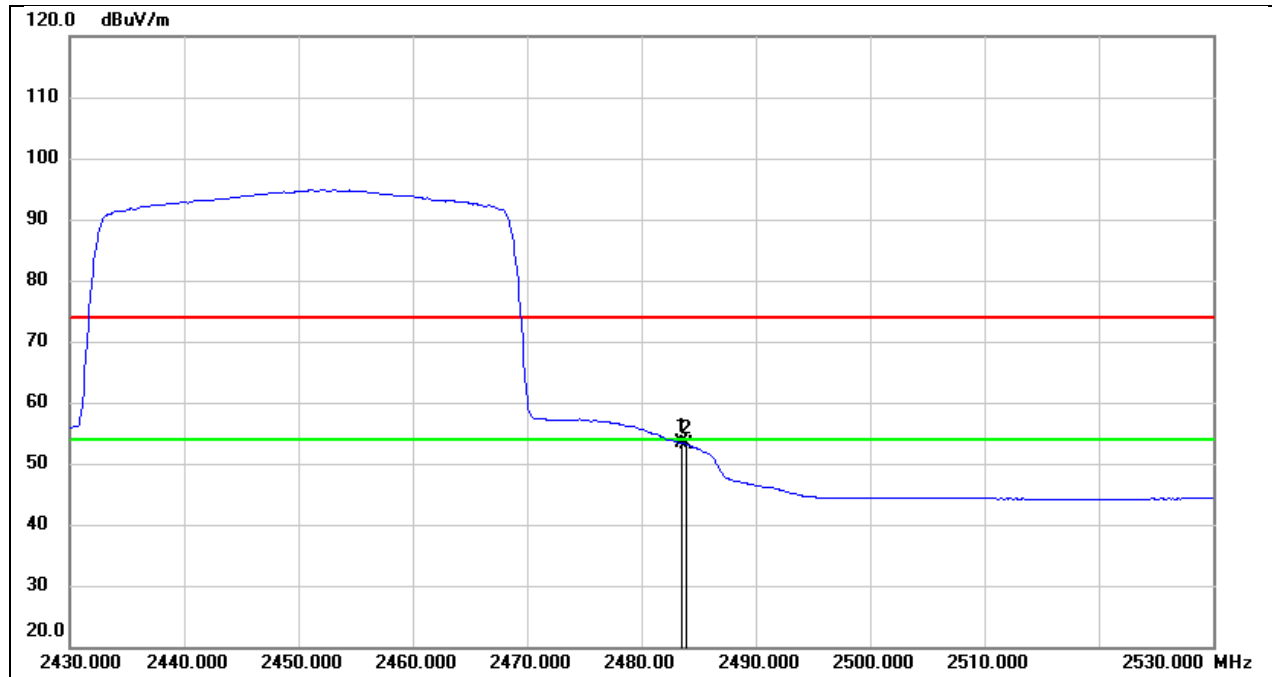
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.940	38.19	14.45	52.64	54.00	-1.36	AVG
2	2390.000	38.27	14.45	52.72	54.00	-1.28	AVG

Test Mode:	SRD 2.4G 40M PK	Frequency(MHz):	2450.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



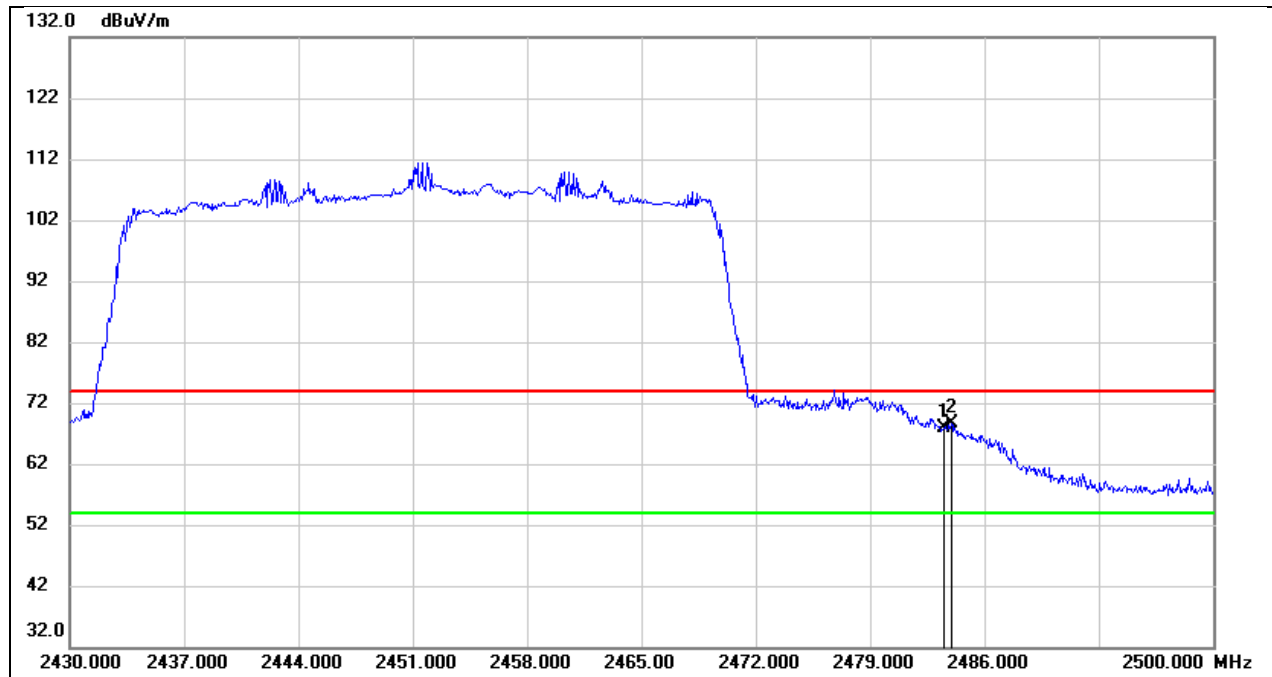
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	52.17	14.85	67.02	74.00	-6.98	peak
2	2483.900	53.91	14.85	68.76	74.00	-5.24	peak

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2450.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



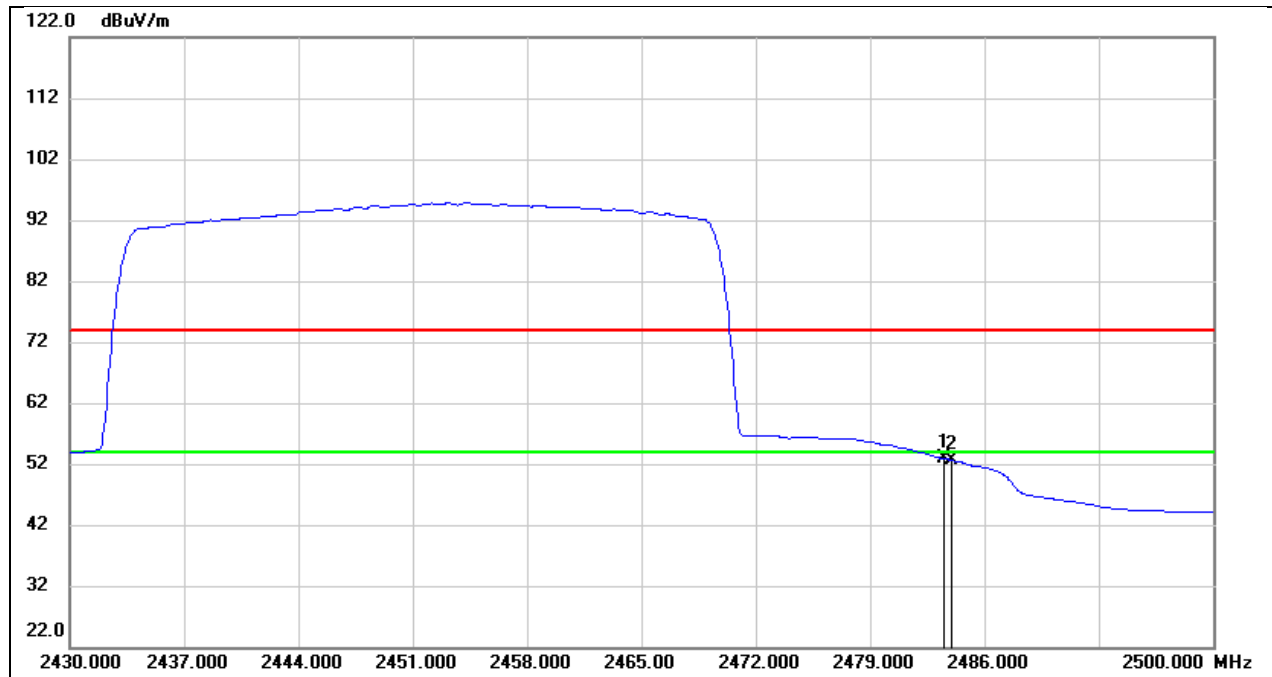
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.54	14.85	53.39	54.00	-0.61	AVG
2	2483.900	38.35	14.85	53.20	54.00	-0.80	AVG

Test Mode:	SRD 2.4G 40M PK	Frequency(MHz):	2451.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



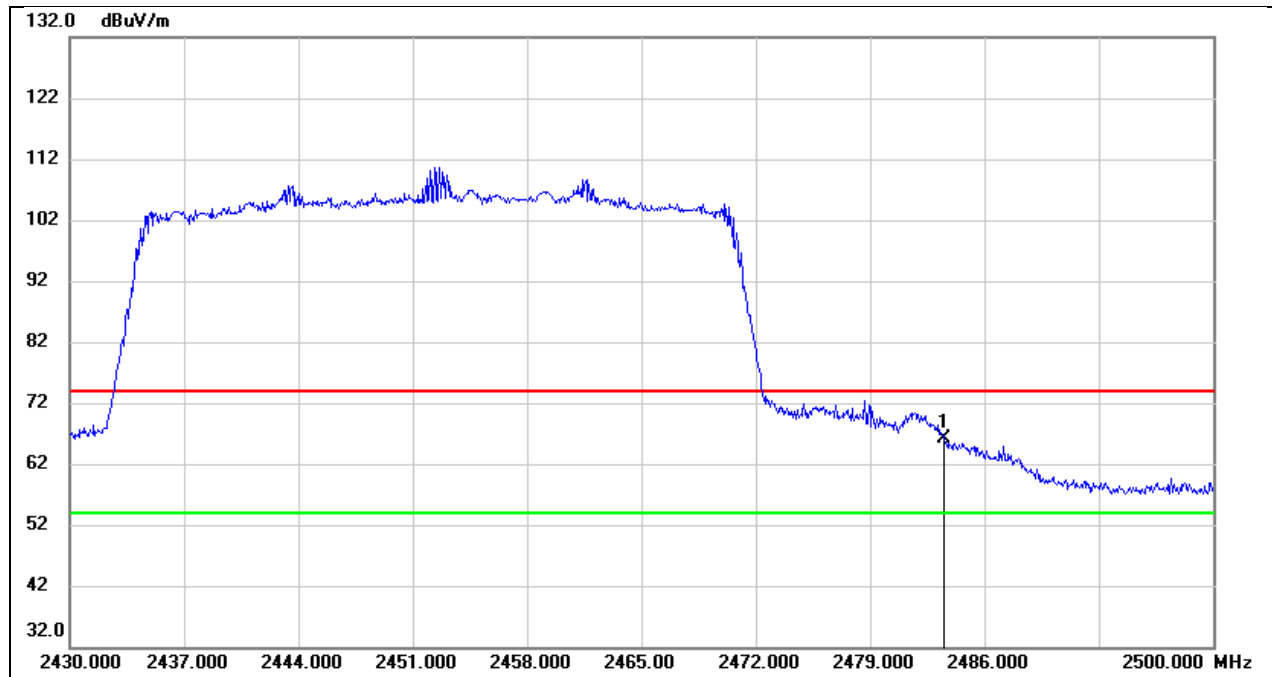
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	29.89	37.99	67.88	74.00	-6.12	peak
2	2483.970	30.57	37.99	68.56	74.00	-5.44	peak

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2451.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



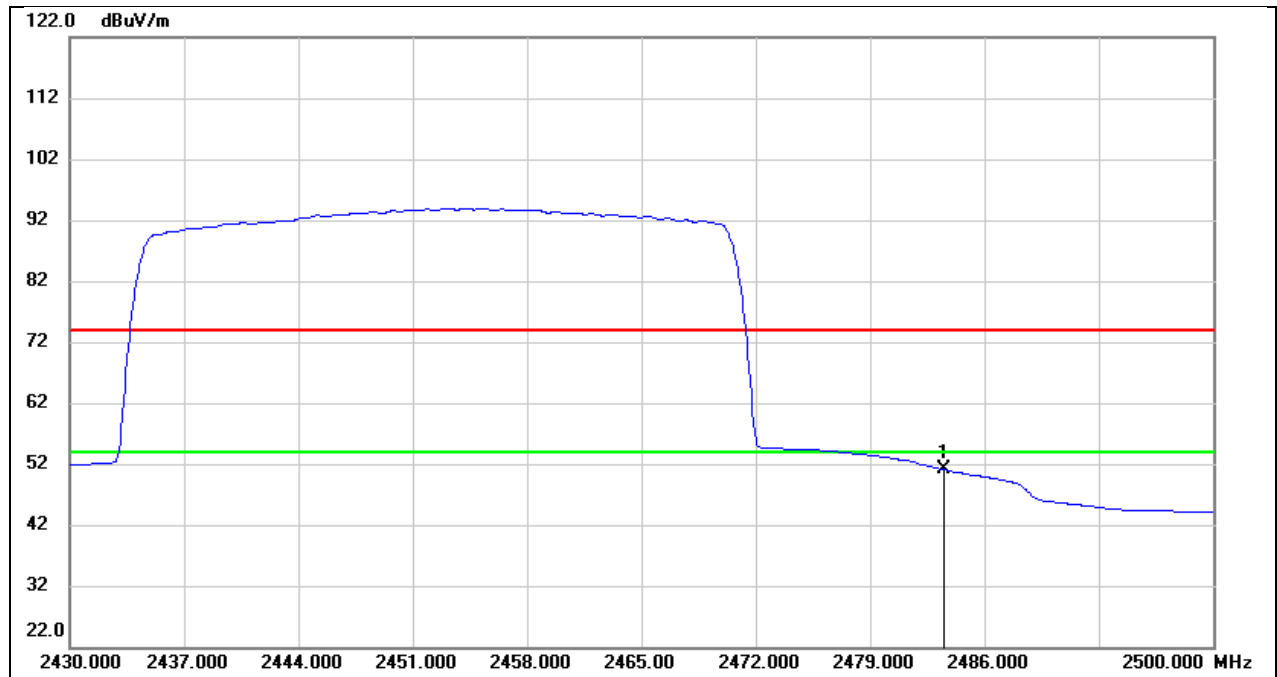
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	14.86	37.99	52.85	54.00	-1.15	AVG
2	2483.970	14.56	37.99	52.55	54.00	-1.45	AVG

Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2452.5
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	2483.500	28.24	37.99	66.23	74.00	-7.77	peak

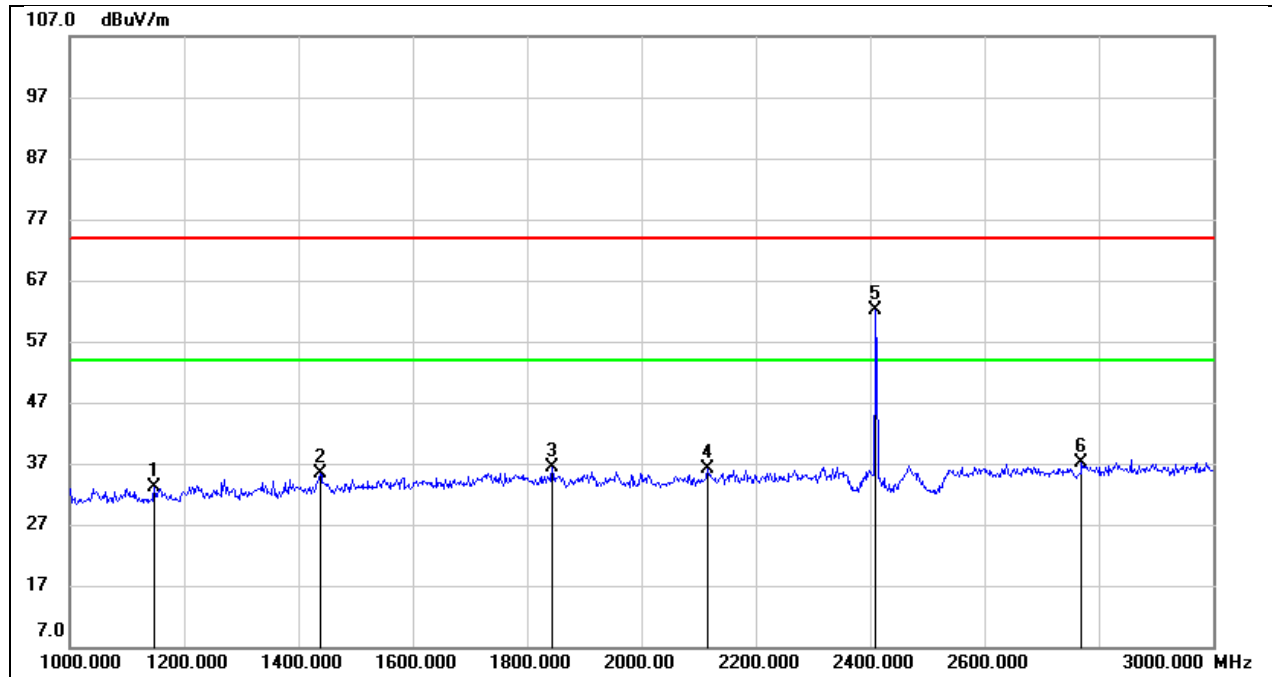
Test Mode:	SRD 2.4G 40M AV	Frequency(MHz):	2452.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	13.15	37.99	51.14	54.00	-2.86	AVG

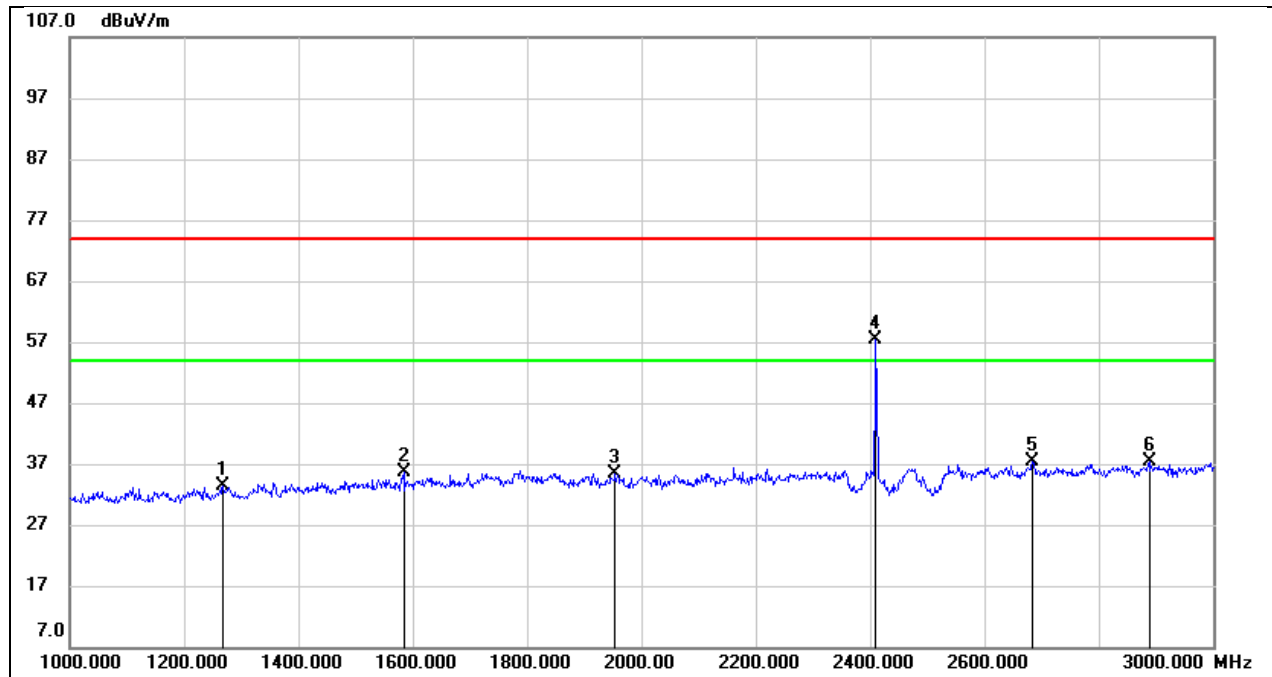
8.2. SPURIOUS EMISSIONS(1 GHZ~3 GHZ)

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



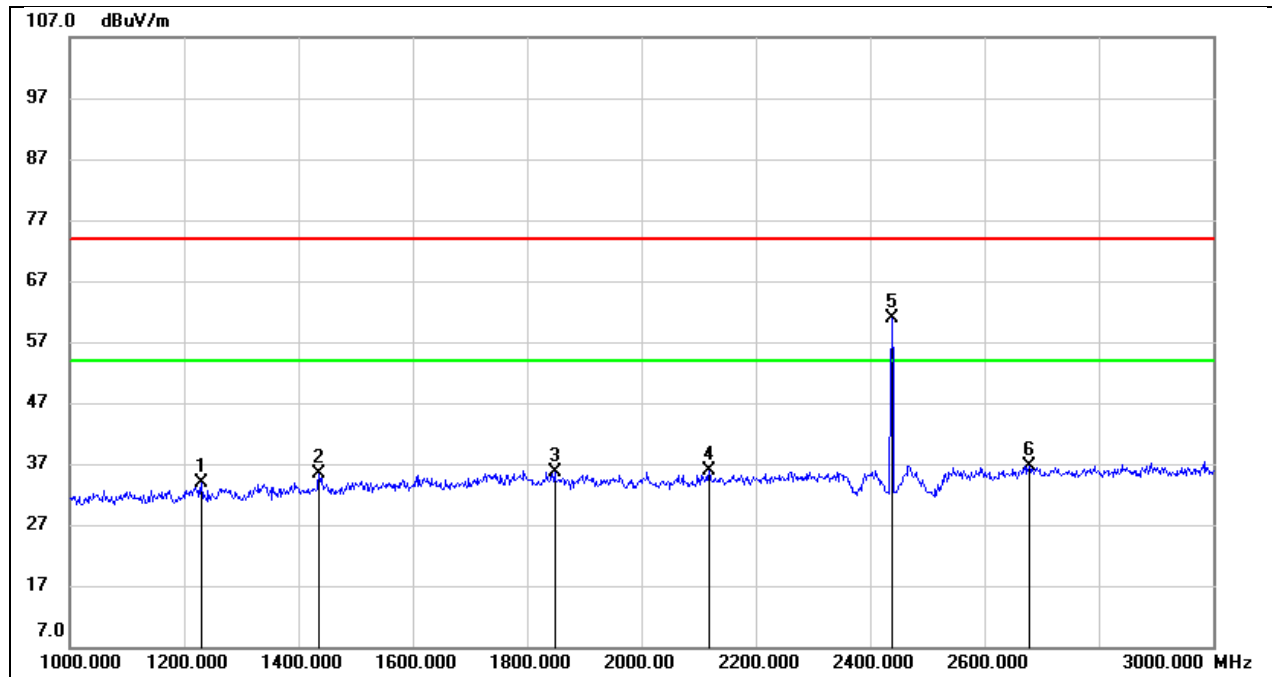
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1148.000	46.68	-13.66	33.02	74.00	-40.98	peak
2	1438.000	47.50	-12.22	35.28	74.00	-38.72	peak
3	1844.000	46.48	-10.13	36.35	74.00	-37.65	peak
4	2116.000	46.05	-9.81	36.24	74.00	-37.76	peak
5	2409.500	70.71	-8.59	62.12	/	/	fundamental
6	2770.000	44.33	-7.16	37.17	74.00	-36.83	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



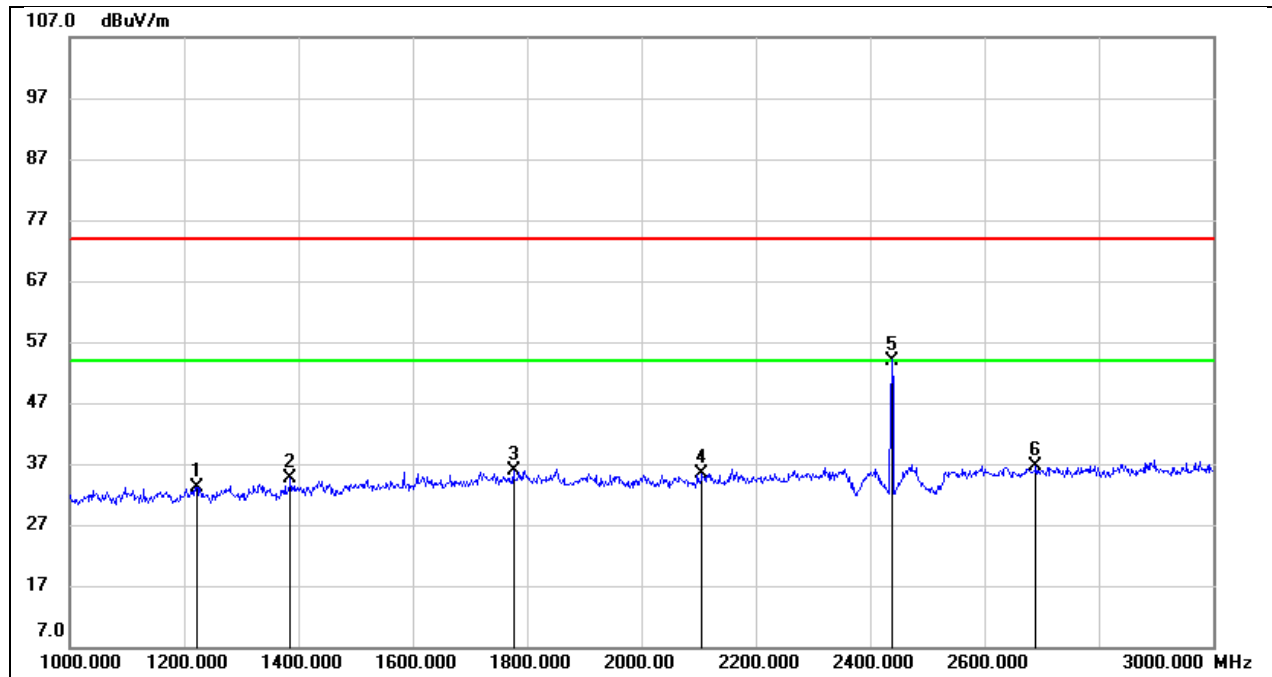
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1268.000	46.41	-13.08	33.33	74.00	-40.67	peak
2	1584.000	47.22	-11.49	35.73	74.00	-38.27	peak
3	1954.000	45.67	-10.25	35.42	74.00	-38.58	peak
4	2409.500	66.06	-8.59	57.47	/	/	fundamental
5	2684.000	44.94	-7.49	37.45	74.00	-36.55	peak
6	2888.000	44.06	-6.68	37.38	74.00	-36.62	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2437.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



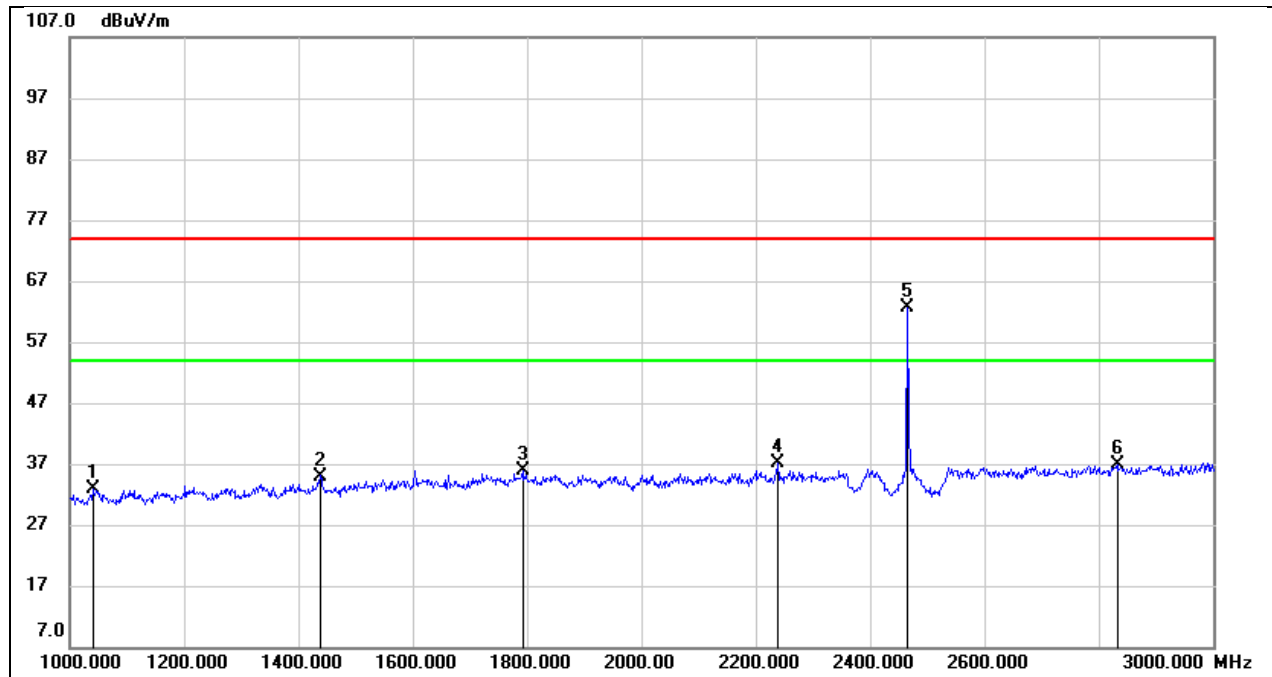
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1230.000	47.12	-13.26	33.86	74.00	-40.14	peak
2	1436.000	47.58	-12.24	35.34	74.00	-38.66	peak
3	1848.000	45.64	-10.13	35.51	74.00	-38.49	peak
4	2118.000	45.59	-9.81	35.78	74.00	-38.22	peak
5	2437.500	69.30	-8.47	60.83	/	/	fundamental
6	2678.000	44.21	-7.50	36.71	74.00	-37.29	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2437.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



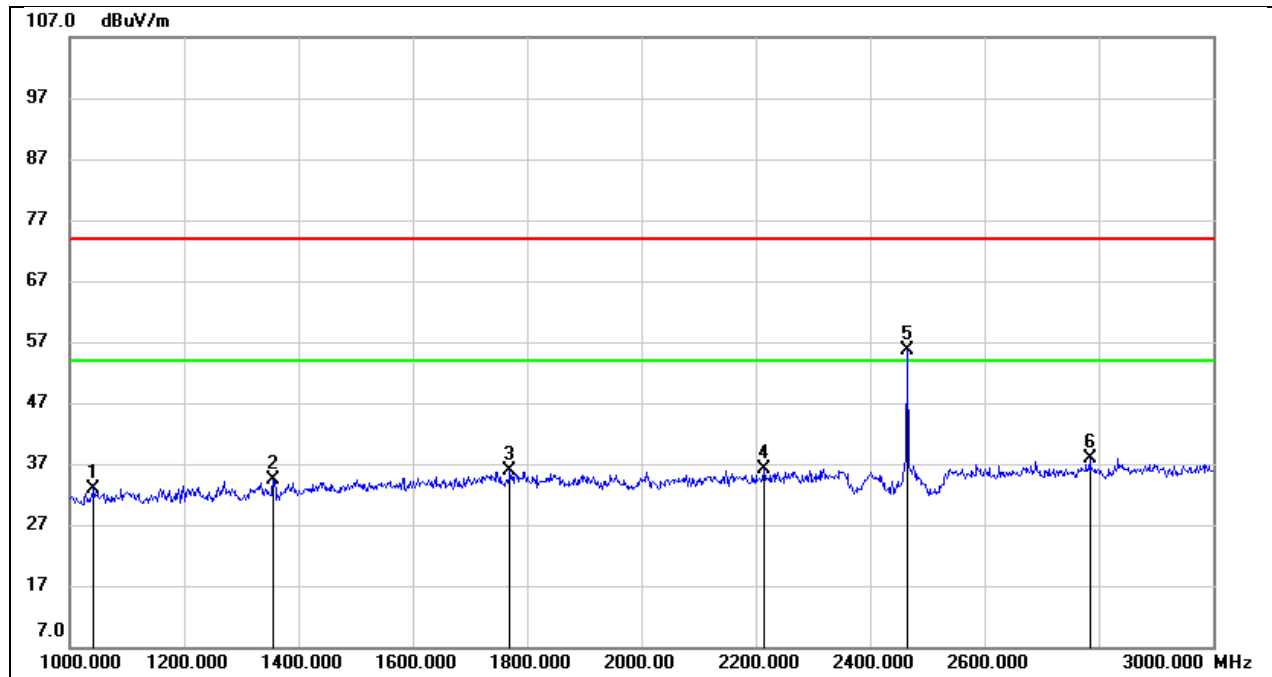
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1222.000	46.42	-13.31	33.11	74.00	-40.89	peak
2	1386.000	47.24	-12.51	34.73	74.00	-39.27	peak
3	1776.000	46.12	-10.23	35.89	74.00	-38.11	peak
4	2106.000	45.13	-9.86	35.27	74.00	-38.73	peak
5	2437.500	62.47	-8.47	54.00	/	/	fundamental
6	2690.000	44.05	-7.46	36.59	74.00	-37.41	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2465.12
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	1042.000	46.95	-14.14	32.81	74.00	-41.19	peak
2	1438.000	47.22	-12.22	35.00	74.00	-39.00	peak
3	1792.000	45.95	-10.13	35.82	74.00	-38.18	peak
4	2238.000	46.47	-9.31	37.16	74.00	-36.84	peak
5	2465.120	70.96	-8.35	62.61	/	/	fundamental
6	2832.000	43.71	-6.91	36.80	74.00	-37.20	peak

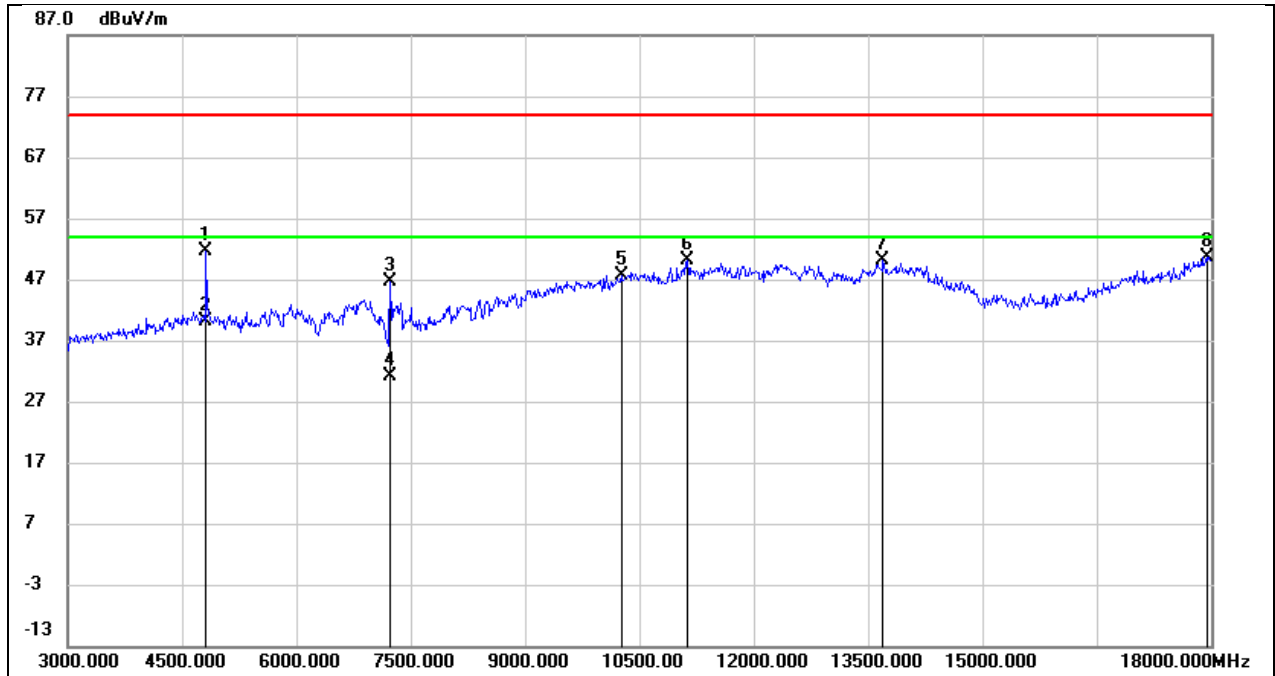
Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2465.12
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1042.000	46.98	-14.14	32.84	74.00	-41.16	peak
2	1356.000	47.03	-12.65	34.38	74.00	-39.62	peak
3	1770.000	46.19	-10.28	35.91	74.00	-38.09	peak
4	2214.000	45.41	-9.40	36.01	74.00	-37.99	peak
5	2465.120	63.88	-8.36	55.52	/	/	fundamental
6	2784.000	44.92	-7.11	37.81	74.00	-36.19	peak

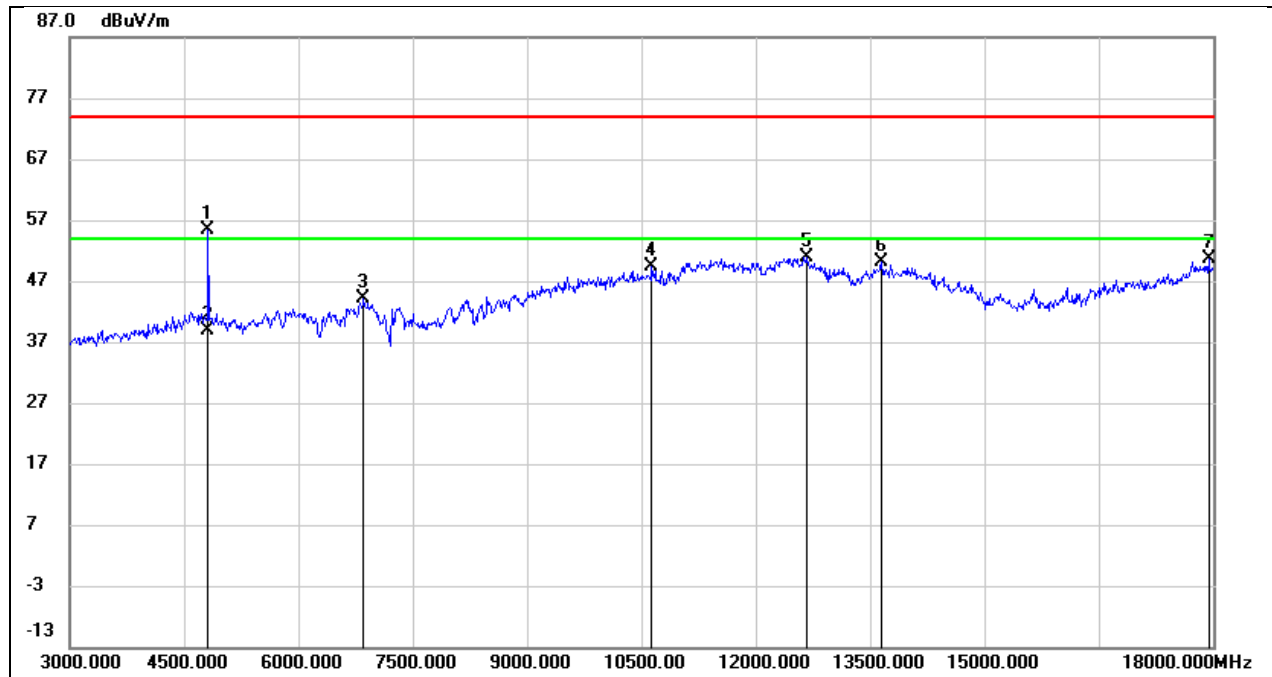
8.3. SPURIOUS EMISSIONS(3 GHZ~18 GHZ)

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



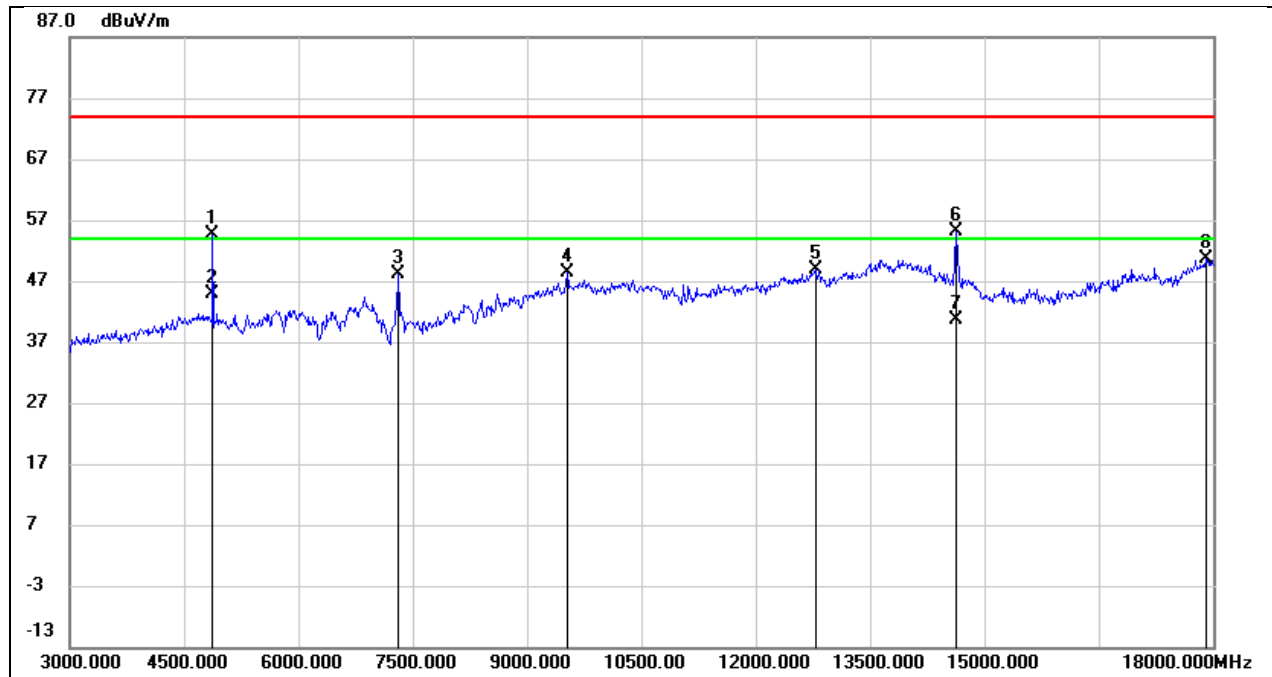
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	50.96	0.60	51.56	74.00	-22.44	peak
2	4815.000	39.54	0.60	40.14	54.00	-13.86	AVG
3	7230.000	39.77	6.85	46.62	74.00	-27.38	peak
4	7230.000	24.17	6.85	31.02	54.00	-22.98	AVG
5	10260.000	34.06	13.55	47.61	74.00	-26.39	peak
6	11130.000	33.11	16.94	50.05	74.00	-23.95	peak
7	13695.000	27.03	23.13	50.16	74.00	-23.84	peak
8	17940.000	22.65	28.02	50.67	74.00	-23.33	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



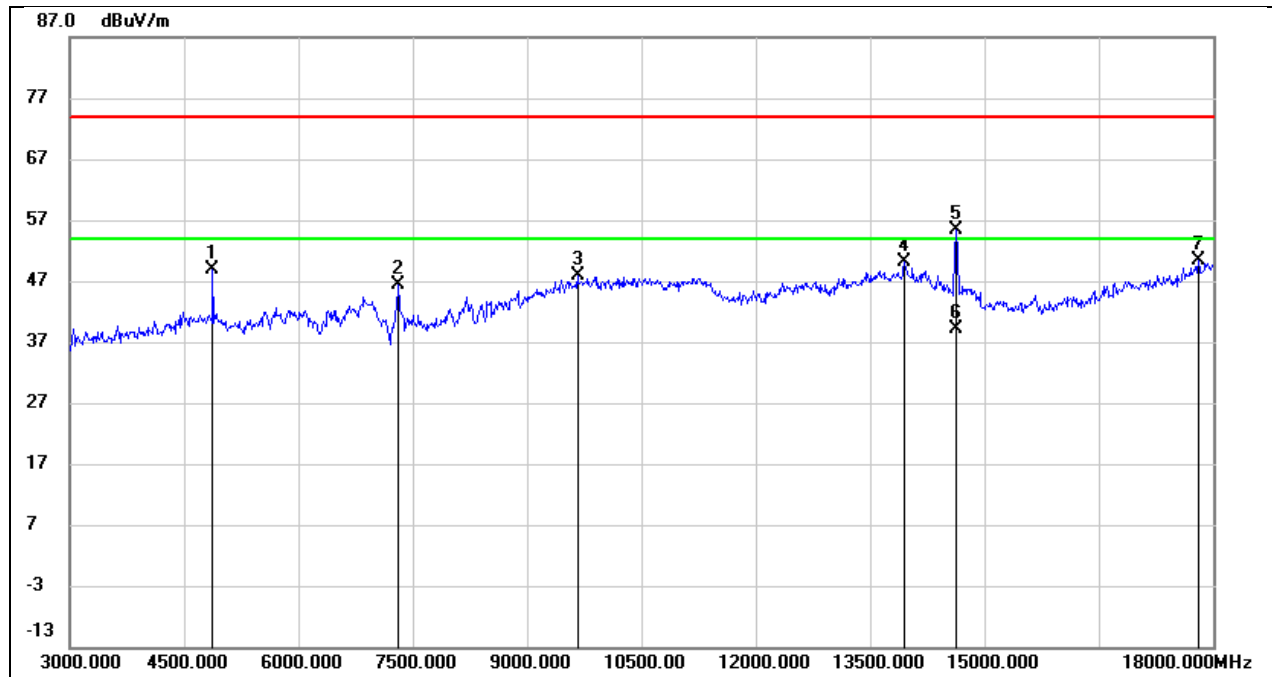
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	54.67	0.60	55.27	74.00	-18.73	peak
2	4815.000	38.17	0.60	38.77	54.00	-15.23	AVG
3	6855.000	38.12	6.08	44.20	74.00	-29.80	peak
4	10635.000	34.80	14.68	49.48	74.00	-24.52	peak
5	12675.000	31.09	19.83	50.92	74.00	-23.08	peak
6	13650.000	26.95	23.06	50.01	74.00	-23.99	peak
7	17940.000	22.49	28.02	50.51	74.00	-23.49	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2437.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



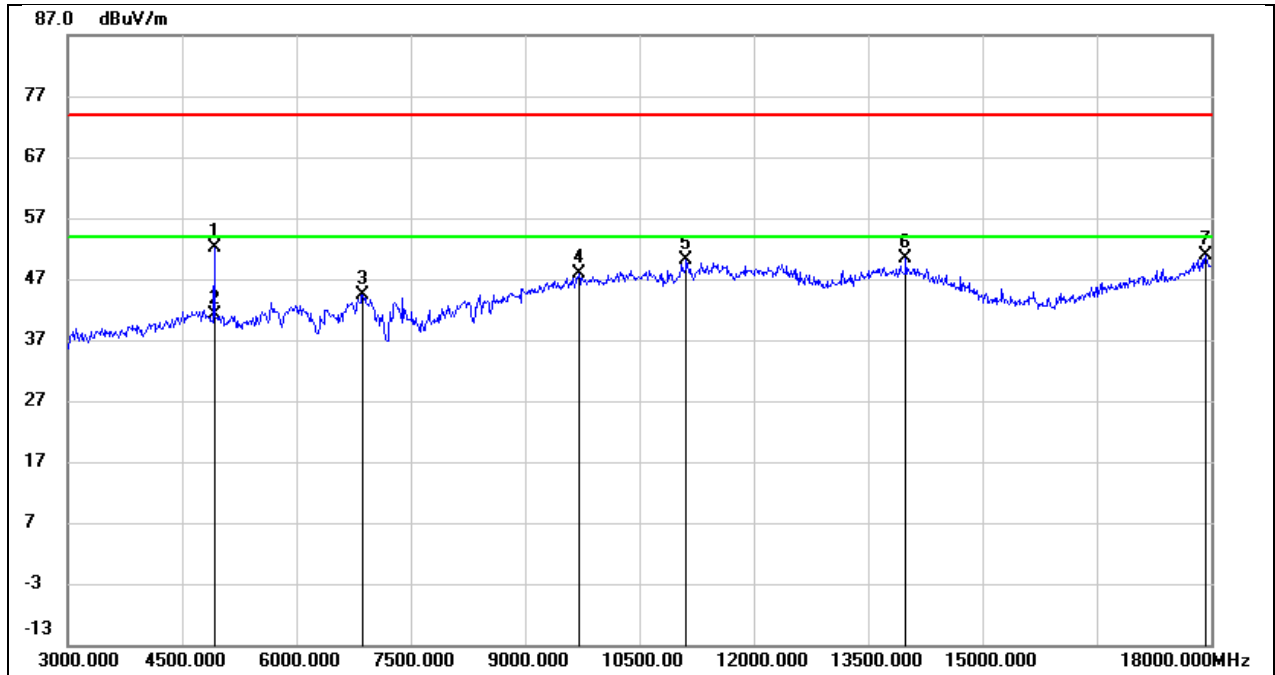
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	53.79	0.75	54.54	74.00	-19.46	peak
2	4875.000	44.02	0.75	44.77	54.00	-9.23	AVG
3	7305.000	41.14	6.88	48.02	74.00	-25.98	peak
4	9525.000	36.11	12.32	48.43	74.00	-25.57	peak
5	12780.000	28.74	20.03	48.77	74.00	-25.23	peak
6	14625.000	33.93	21.26	55.19	74.00	-18.81	peak
7	14625.000	19.29	21.26	40.55	54.00	-13.45	AVG
8	17910.000	23.00	27.75	50.75	74.00	-23.25	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2437.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



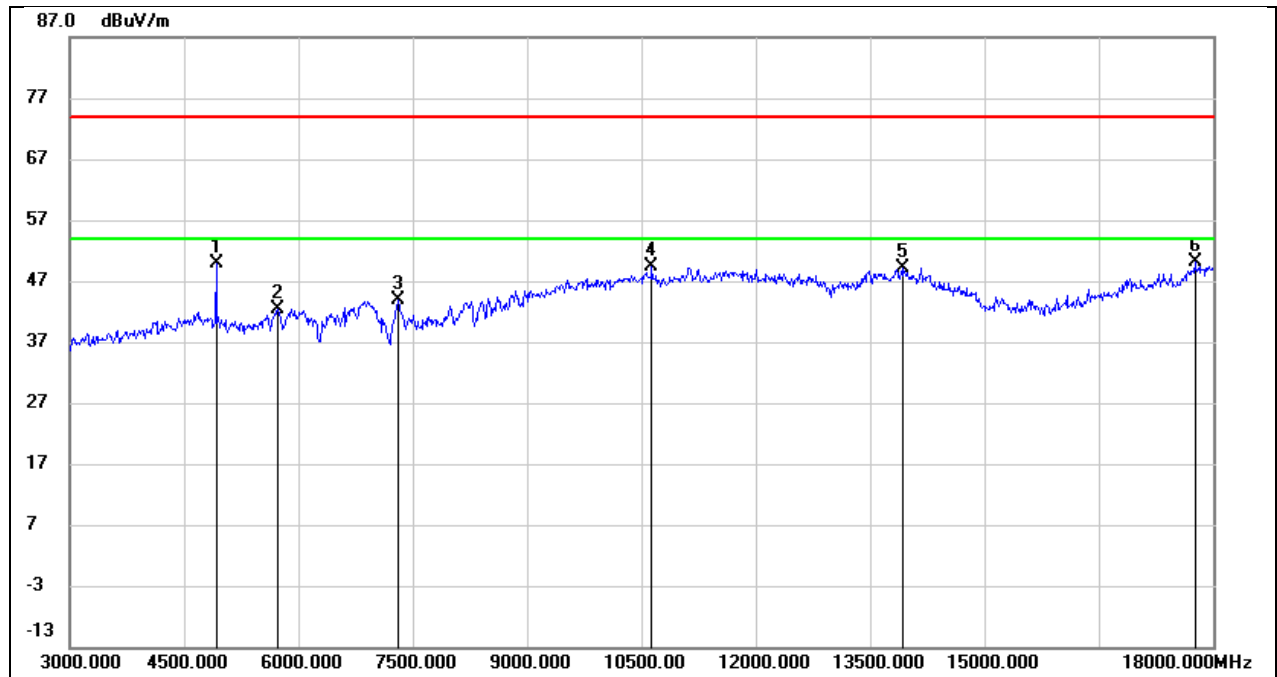
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	48.08	0.75	48.83	74.00	-25.17	peak
2	7305.000	39.40	6.88	46.28	74.00	-27.72	peak
3	9660.000	35.06	12.80	47.86	74.00	-26.14	peak
4	13950.000	26.27	23.89	50.16	74.00	-23.84	peak
5	14625.000	34.07	21.26	55.33	74.00	-18.67	peak
6	14625.000	17.88	21.26	39.14	54.00	-14.86	AVG
7	17805.000	23.53	26.82	50.35	74.00	-23.65	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2465.12
Polarity:	Horizontal	Test Voltage:	DC 7.2V



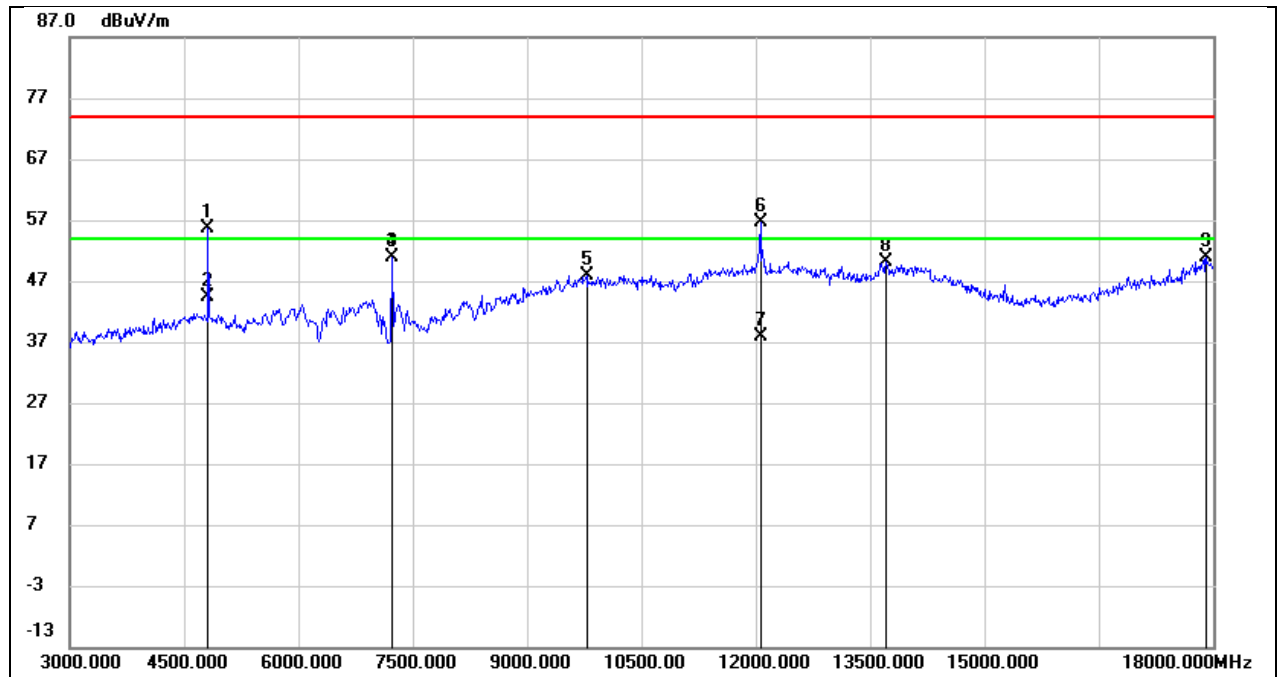
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	51.28	0.86	52.14	74.00	-21.86	peak
2	4920.000	40.27	0.86	41.13	54.00	-12.87	AVG
3	6870.000	38.24	6.12	44.36	74.00	-29.64	peak
4	9705.000	34.85	12.92	47.77	74.00	-26.23	peak
5	11115.000	33.26	16.88	50.14	74.00	-23.86	peak
6	13995.000	26.27	24.08	50.35	74.00	-23.65	peak
7	17925.000	22.93	27.87	50.80	74.00	-23.20	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2465.12
Polarity:	Vertical	Test Voltage:	DC 7.2V



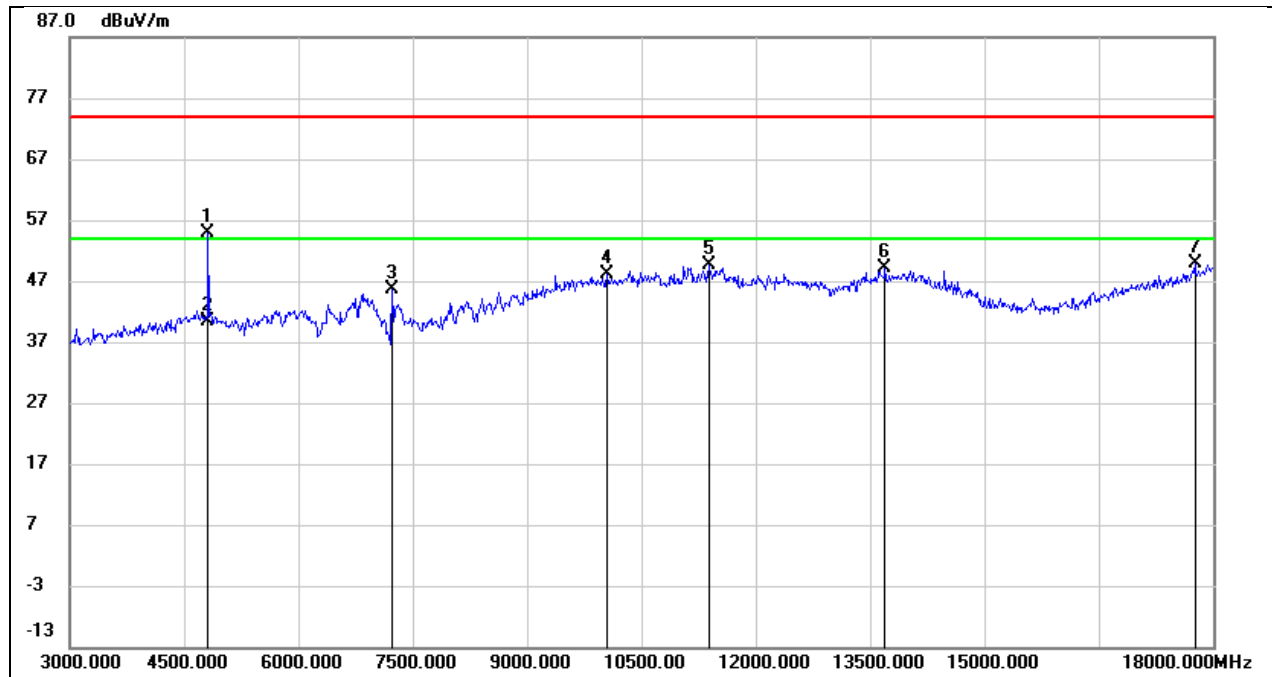
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	49.08	0.86	49.94	74.00	-24.06	peak
2	5730.000	39.96	2.45	42.41	74.00	-31.59	peak
3	7305.000	36.95	6.88	43.83	74.00	-30.17	peak
4	10635.000	34.60	14.68	49.28	74.00	-24.72	peak
5	13935.000	25.32	23.83	49.15	74.00	-24.85	peak
6	17760.000	23.53	26.54	50.07	74.00	-23.93	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



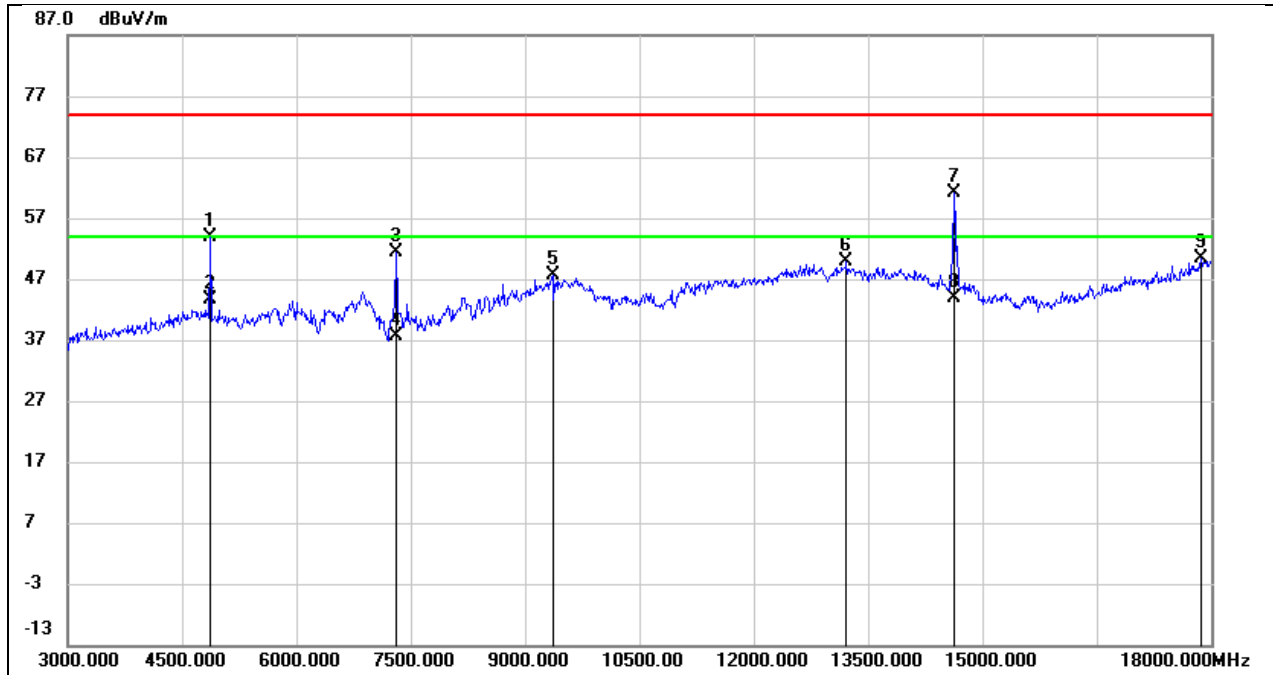
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	55.04	0.60	55.64	74.00	-18.36	peak
2	4815.000	43.81	0.60	44.41	54.00	-9.59	AVG
3	7230.000	43.96	6.85	50.81	74.00	-23.19	peak
4	7230.000	43.96	6.85	50.81	74.00	-23.19	peak
5	9780.000	34.90	13.10	48.00	74.00	-26.00	peak
6	12060.000	37.83	18.90	56.73	74.00	-17.27	peak
7	12060.000	19.03	18.90	37.93	54.00	-16.07	AVG
8	13710.000	26.93	23.15	50.08	74.00	-23.92	peak
9	17910.000	23.09	27.75	50.84	74.00	-23.16	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2410.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



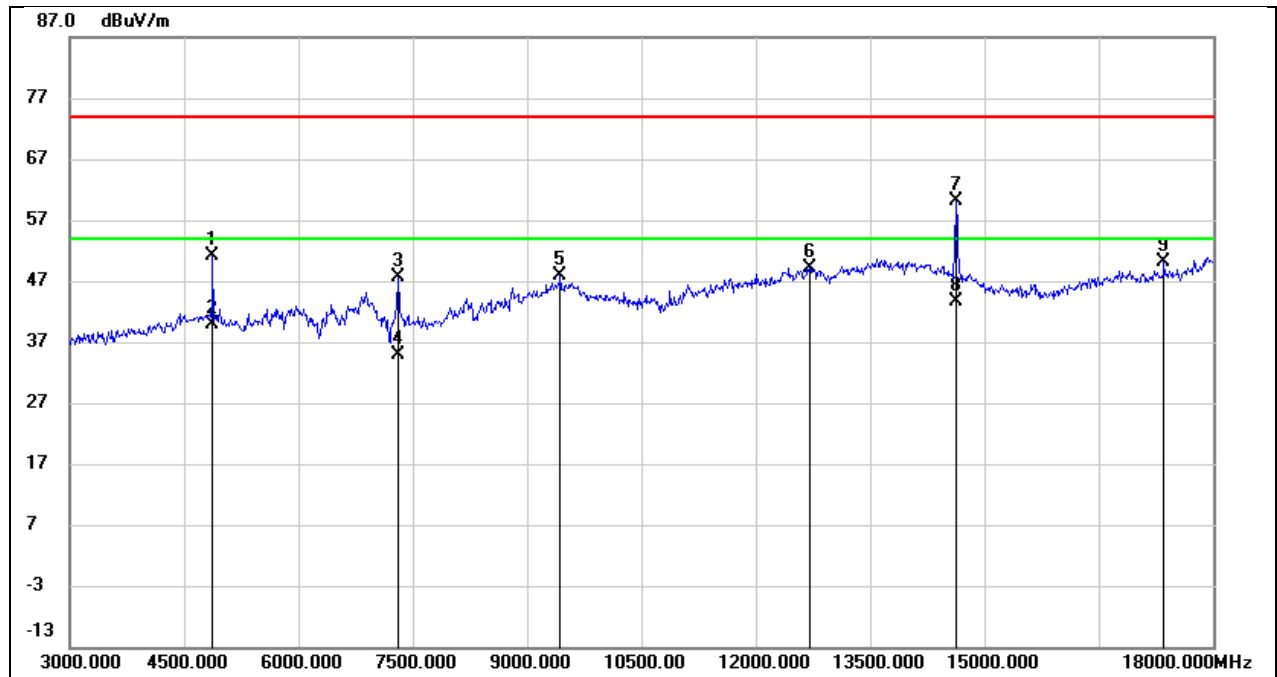
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	54.25	0.60	54.85	74.00	-19.15	peak
2	4815.000	39.88	0.60	40.48	54.00	-13.52	AVG
3	7230.000	38.75	6.85	45.60	74.00	-28.40	peak
4	10050.000	34.77	13.29	48.06	74.00	-25.94	peak
5	11385.000	32.24	17.43	49.67	74.00	-24.33	peak
6	13695.000	26.04	23.13	49.17	74.00	-24.83	peak
7	17760.000	23.35	26.54	49.89	74.00	-24.11	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2437.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



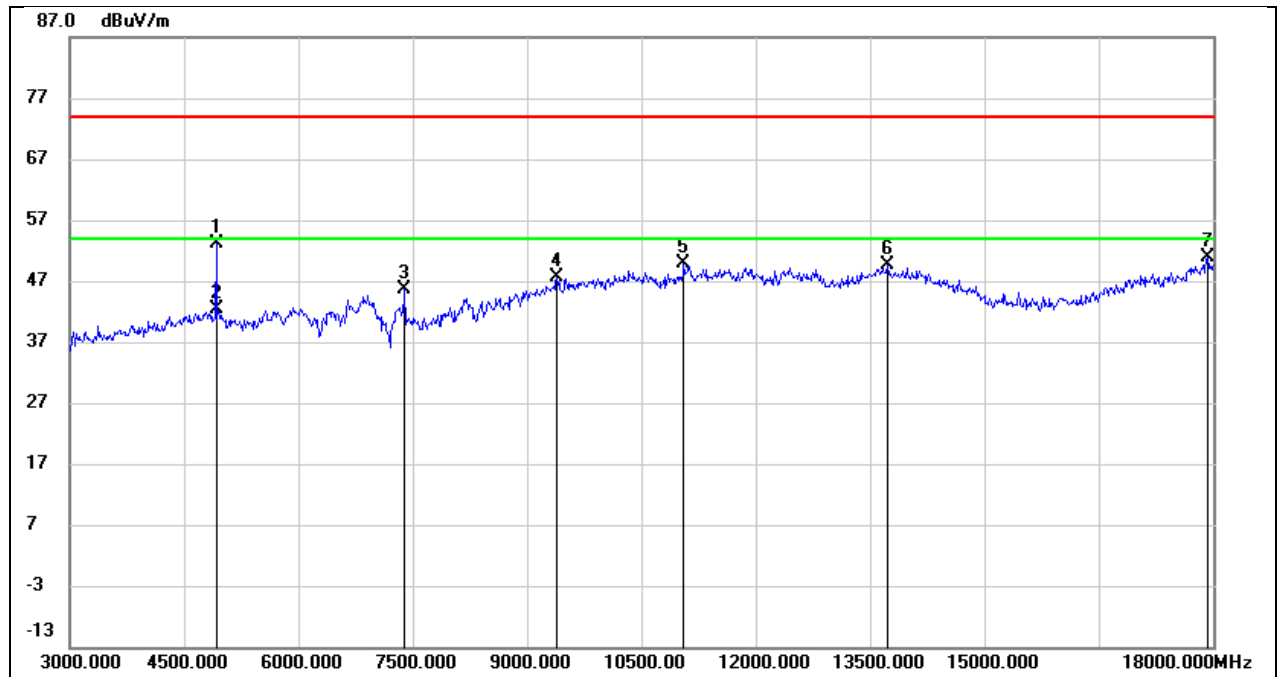
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	53.22	0.75	53.97	74.00	-20.03	peak
2	4875.000	42.91	0.75	43.66	54.00	-10.34	AVG
3	7305.000	44.54	6.88	51.42	74.00	-22.58	peak
4	7305.000	30.73	6.88	37.61	54.00	-16.39	AVG
5	9360.000	35.94	11.60	47.54	74.00	-26.46	peak
6	13215.000	28.25	21.67	49.92	74.00	-24.08	peak
7	14625.000	39.93	21.26	61.19	74.00	-12.81	peak
8	14625.000	22.60	21.26	43.86	54.00	-10.14	AVG
9	17865.000	22.94	27.35	50.29	74.00	-23.71	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2437.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



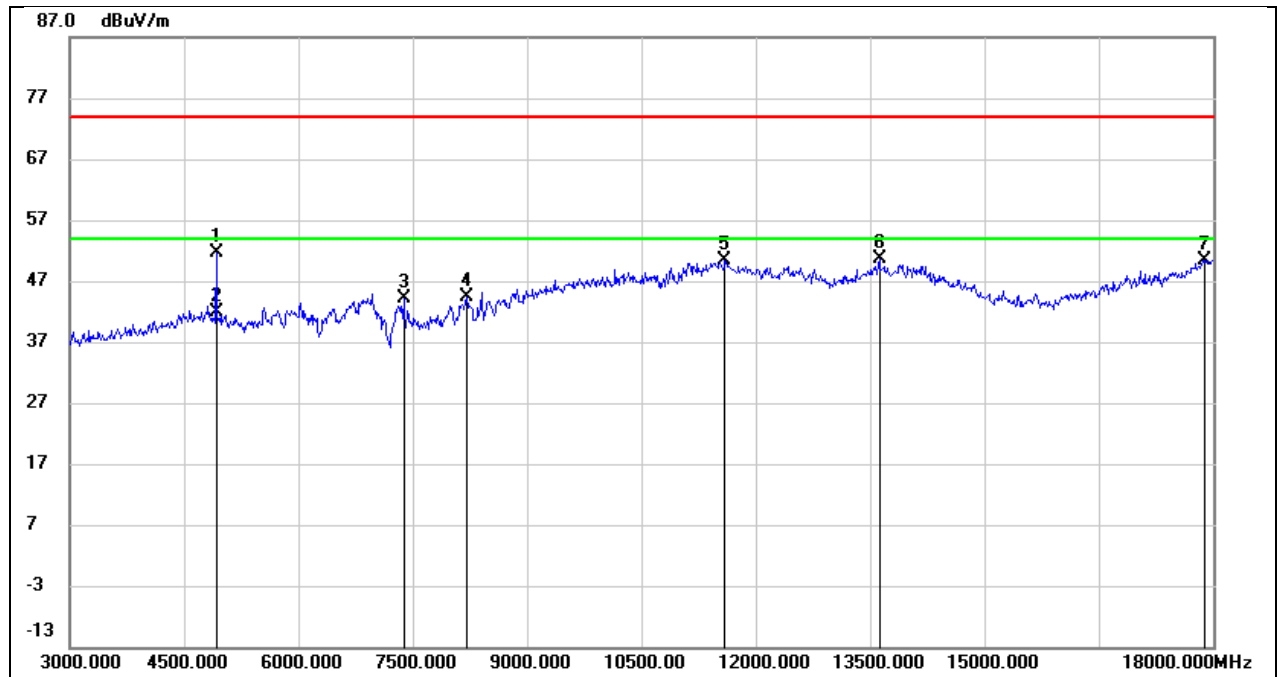
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	50.50	0.75	51.25	74.00	-22.75	peak
2	4875.000	39.08	0.75	39.83	54.00	-14.17	AVG
3	7305.000	40.80	6.88	47.68	74.00	-26.32	peak
4	7305.000	27.97	6.88	34.85	54.00	-19.15	AVG
5	9435.000	36.05	11.92	47.97	74.00	-26.03	peak
6	12705.000	29.31	19.88	49.19	74.00	-24.81	peak
7	14625.000	38.91	21.26	60.17	74.00	-13.83	peak
8	14625.000	22.33	21.26	43.59	54.00	-10.41	AVG
9	17355.000	25.55	24.60	50.15	74.00	-23.85	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2464.2
Polarity:	Horizontal	Test Voltage:	DC 7.2V



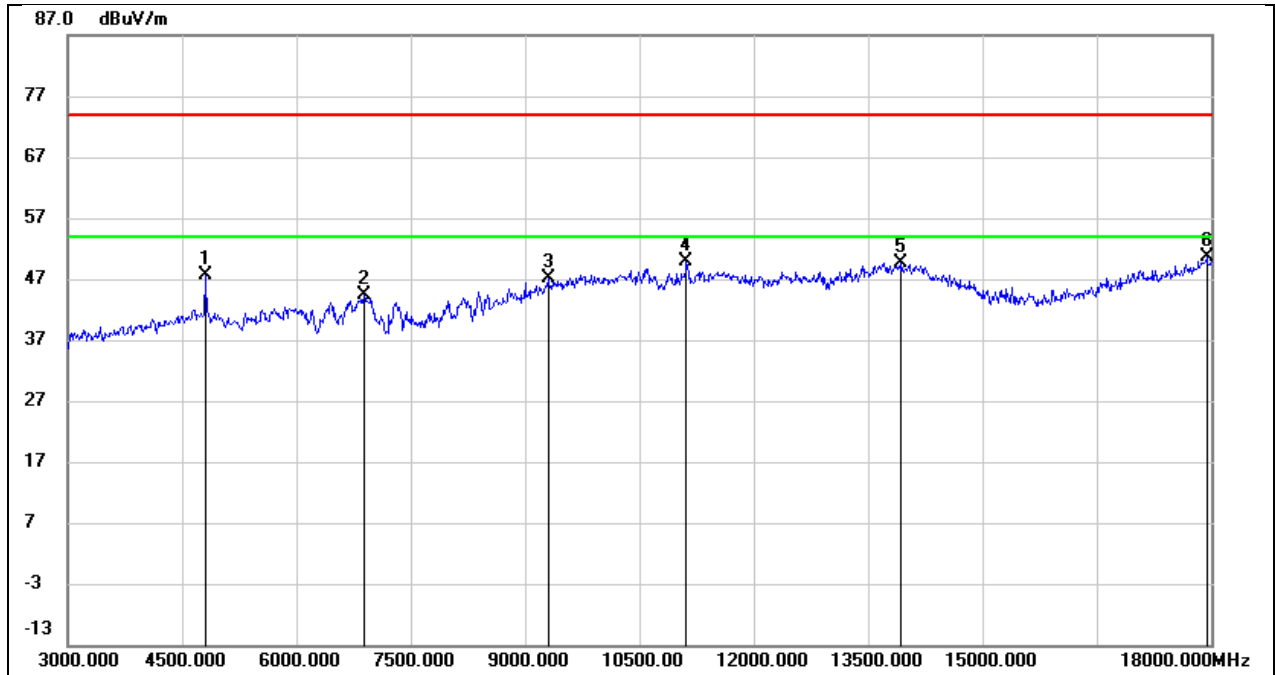
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	52.39	0.86	53.25	74.00	-20.75	peak
2	4920.000	41.56	0.86	42.42	54.00	-11.58	AVG
3	7395.000	38.61	6.94	45.55	74.00	-28.45	peak
4	9390.000	35.79	11.73	47.52	74.00	-26.48	peak
5	11055.000	33.28	16.60	49.88	74.00	-24.12	peak
6	13725.000	26.34	23.17	49.51	74.00	-24.49	peak
7	17925.000	23.00	27.87	50.87	74.00	-23.13	peak

Test Mode:	SRD 2.4G 3M	Frequency(MHz):	2464.2
Polarity:	Vertical	Test Voltage:	DC 7.2V



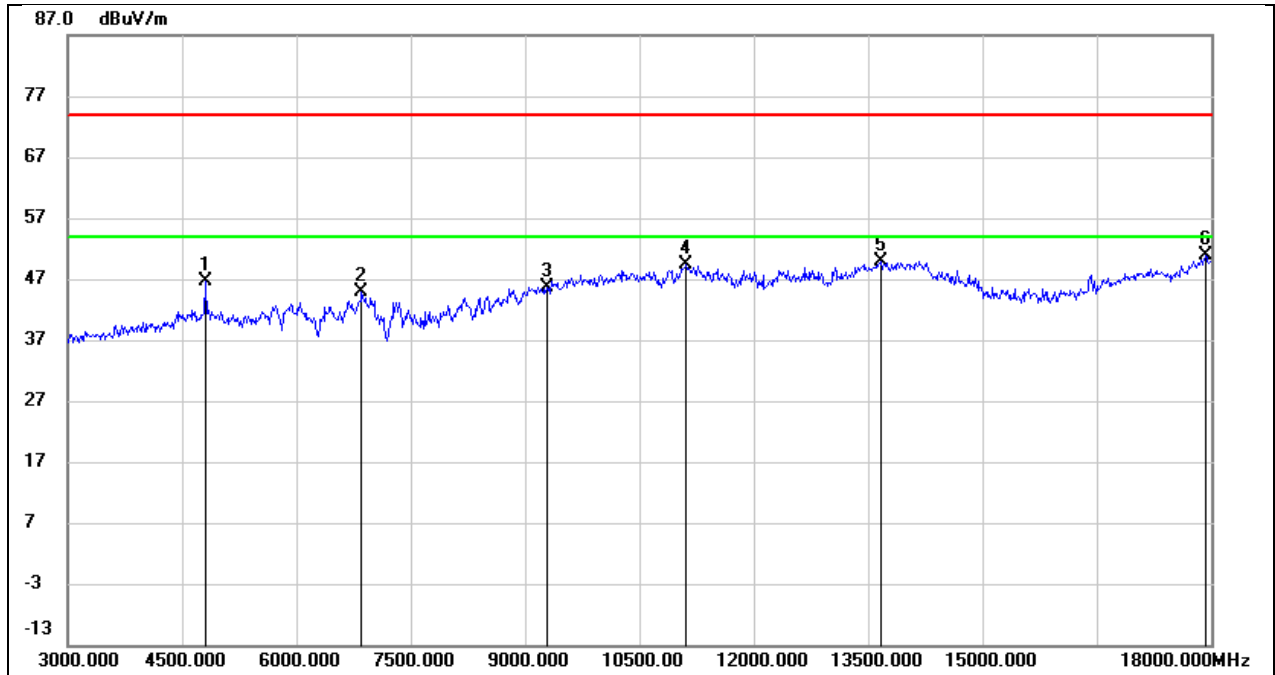
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	50.66	0.86	51.52	74.00	-22.48	peak
2	4920.000	40.98	0.86	41.84	54.00	-12.16	AVG
3	7380.000	37.10	6.93	44.03	74.00	-29.97	peak
4	8205.000	35.77	8.62	44.39	74.00	-29.61	peak
5	11595.000	32.46	17.94	50.40	74.00	-23.60	peak
6	13620.000	27.58	23.03	50.61	74.00	-23.39	peak
7	17880.000	22.93	27.49	50.42	74.00	-23.58	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2405.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



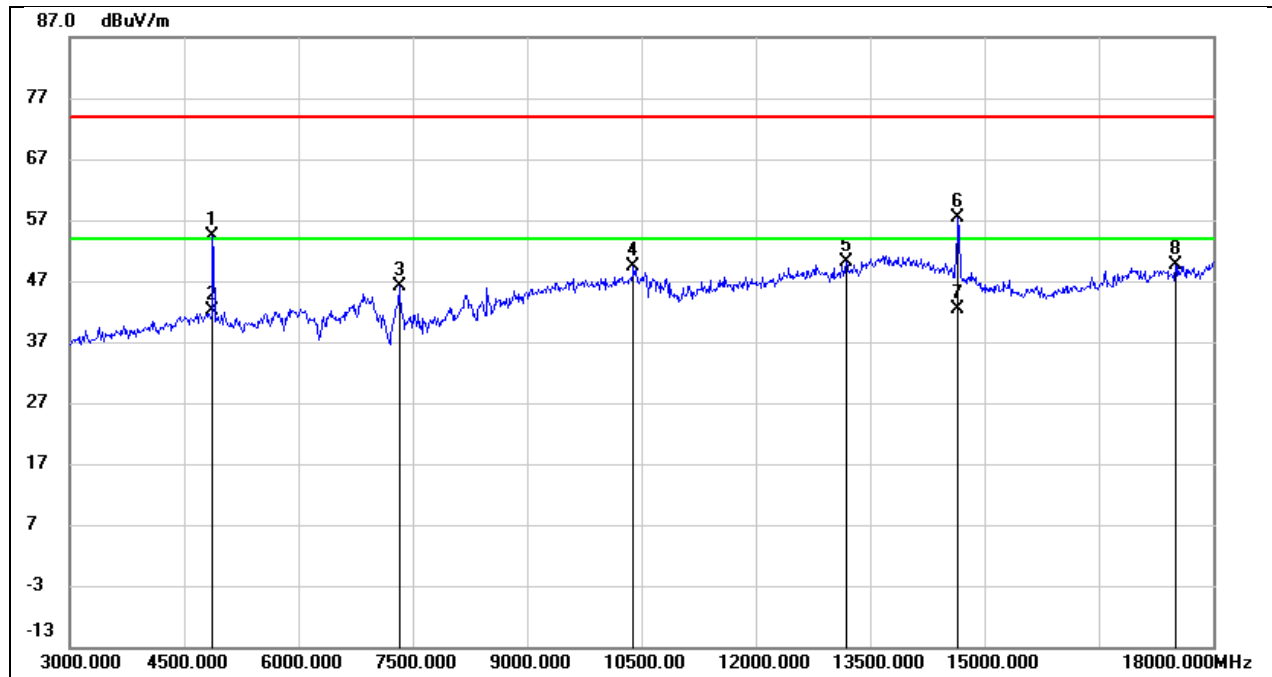
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4800.000	47.06	0.57	47.63	74.00	-26.37	peak
2	6885.000	38.19	6.15	44.34	74.00	-29.66	peak
3	9300.000	35.73	11.36	47.09	74.00	-26.91	peak
4	11115.000	33.03	16.88	49.91	74.00	-24.09	peak
5	13935.000	25.76	23.83	49.59	74.00	-24.41	peak
6	17940.000	22.52	28.02	50.54	74.00	-23.46	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2405.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



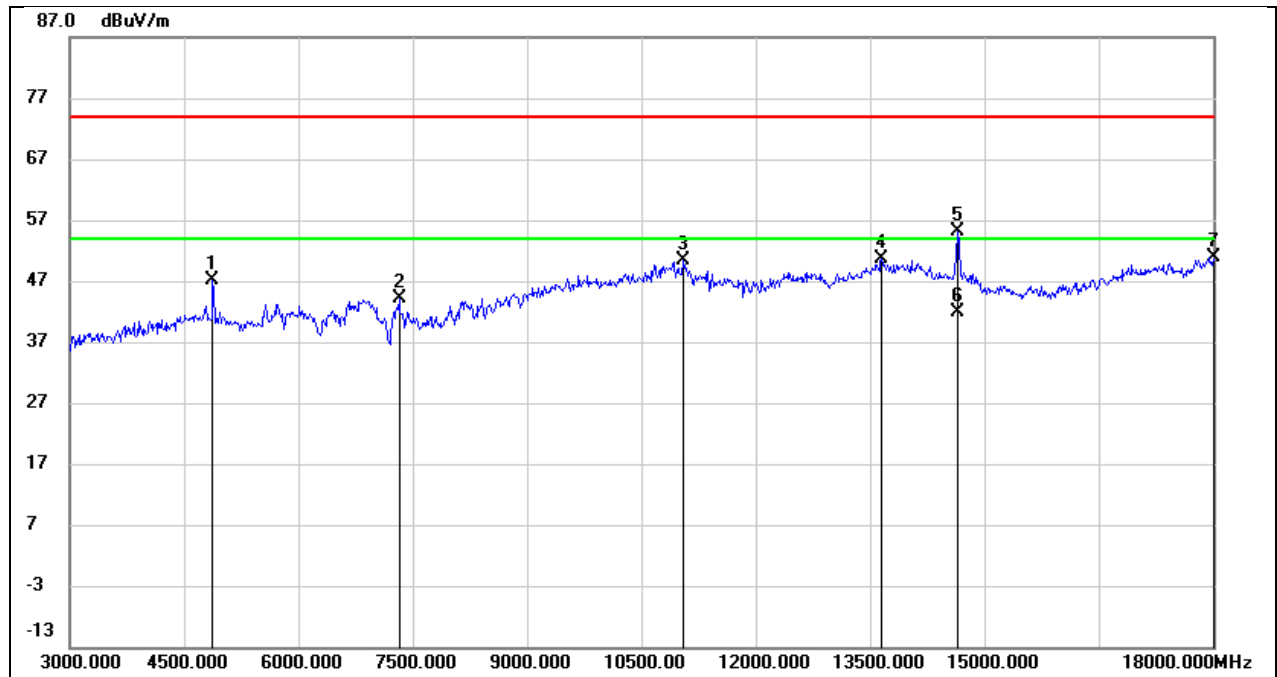
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4800.000	46.04	0.57	46.61	74.00	-27.39	peak
2	6855.000	38.72	6.08	44.80	74.00	-29.20	peak
3	9285.000	34.45	11.29	45.74	74.00	-28.26	peak
4	11115.000	32.53	16.88	49.41	74.00	-24.59	peak
5	13665.000	26.71	23.09	49.80	74.00	-24.20	peak
6	17925.000	22.89	27.87	50.76	74.00	-23.24	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2441.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



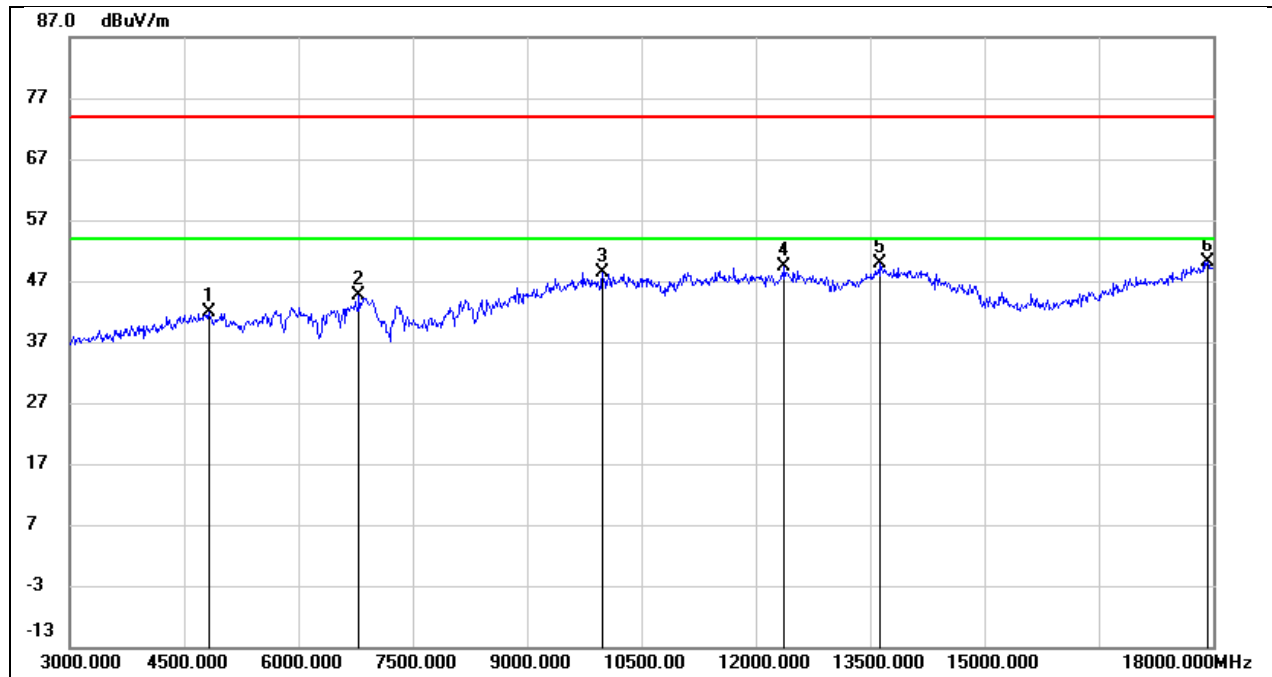
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	53.65	0.75	54.40	74.00	-19.60	peak
2	4875.000	41.41	0.75	42.16	54.00	-11.84	AVG
3	7320.000	39.24	6.89	46.13	74.00	-27.87	peak
4	10395.000	35.50	13.85	49.35	74.00	-24.65	peak
5	13185.000	28.65	21.53	50.18	74.00	-23.82	peak
6	14655.000	36.25	21.12	57.37	74.00	-16.63	peak
7	14655.000	21.20	21.12	42.32	54.00	-11.68	AVG
8	17505.000	24.57	25.06	49.63	74.00	-24.37	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2441.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



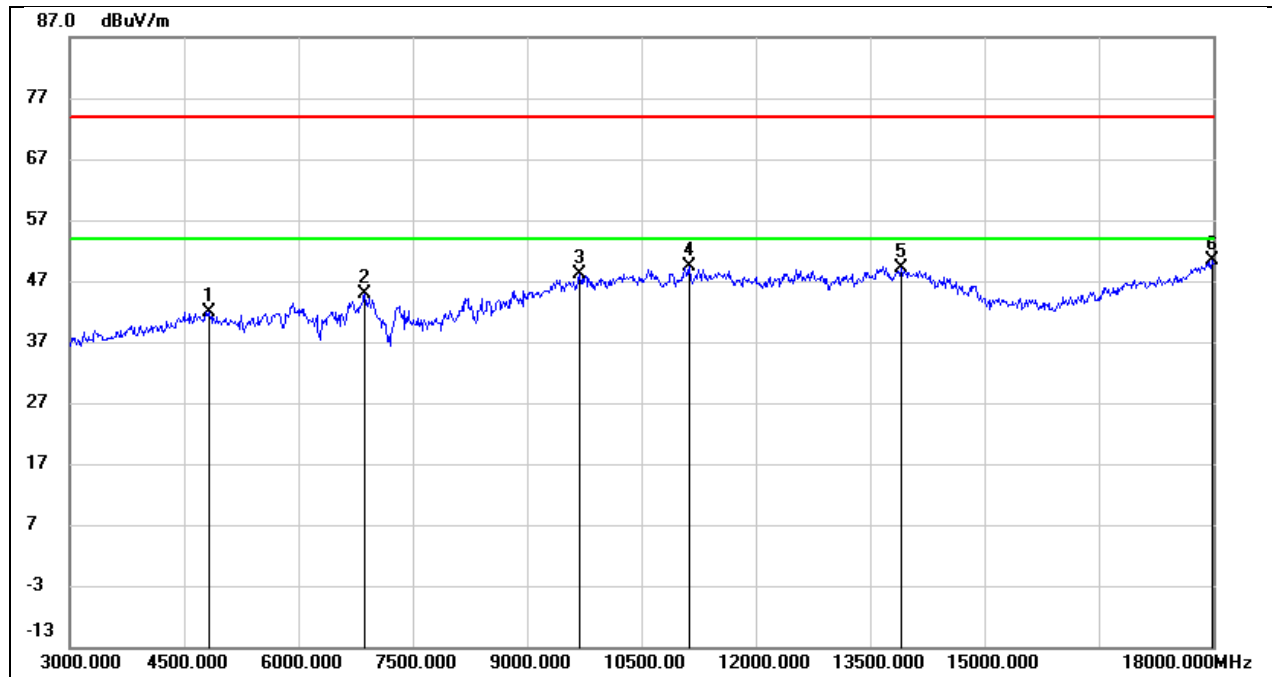
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	46.41	0.75	47.16	74.00	-26.84	peak
2	7320.000	37.15	6.89	44.04	74.00	-29.96	peak
3	11055.000	33.71	16.60	50.31	74.00	-23.69	peak
4	13650.000	27.58	23.06	50.64	74.00	-23.36	peak
5	14655.000	34.03	21.12	55.15	74.00	-18.85	peak
6	14655.000	20.73	21.12	41.85	54.00	-12.15	AVG
7	18000.000	22.27	28.54	50.81	74.00	-23.19	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2476.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



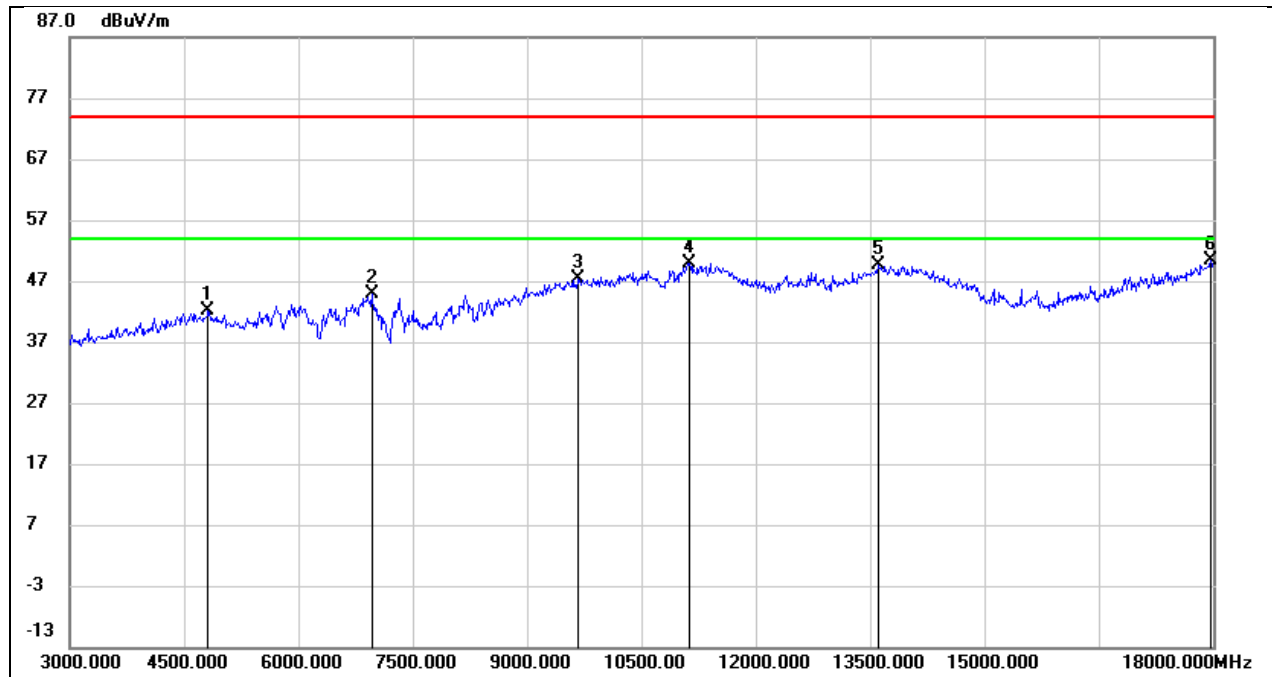
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.000	41.21	0.64	41.85	74.00	-32.15	peak
2	6795.000	38.75	5.92	44.67	74.00	-29.33	peak
3	9990.000	35.20	13.24	48.44	74.00	-25.56	peak
4	12375.000	29.85	19.57	49.42	74.00	-24.58	peak
5	13635.000	26.82	23.05	49.87	74.00	-24.13	peak
6	17925.000	22.34	27.87	50.21	74.00	-23.79	peak

Test Mode:	SRD 2.4G 10M	Frequency(MHz):	2476.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



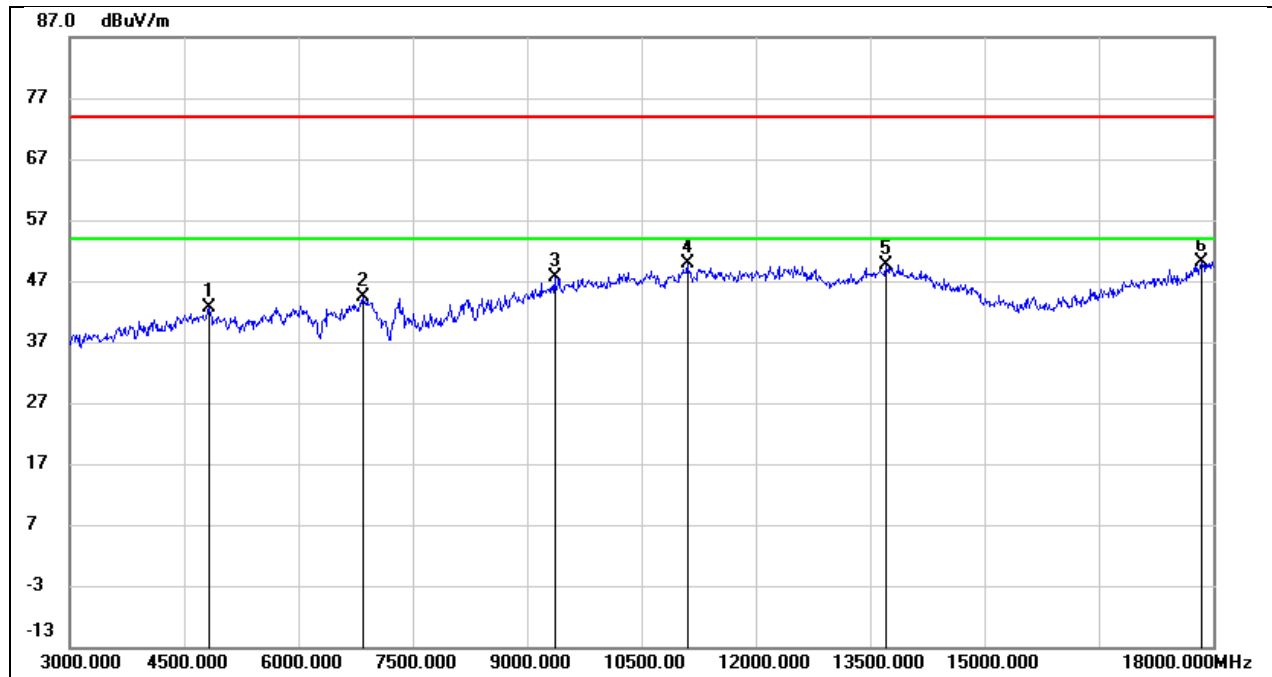
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.000	41.34	0.64	41.98	74.00	-32.02	peak
2	6870.000	38.72	6.12	44.84	74.00	-29.16	peak
3	9690.000	35.14	12.88	48.02	74.00	-25.98	peak
4	11130.000	32.37	16.94	49.31	74.00	-24.69	peak
5	13905.000	25.41	23.70	49.11	74.00	-24.89	peak
6	17985.000	21.96	28.41	50.37	74.00	-23.63	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2410.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



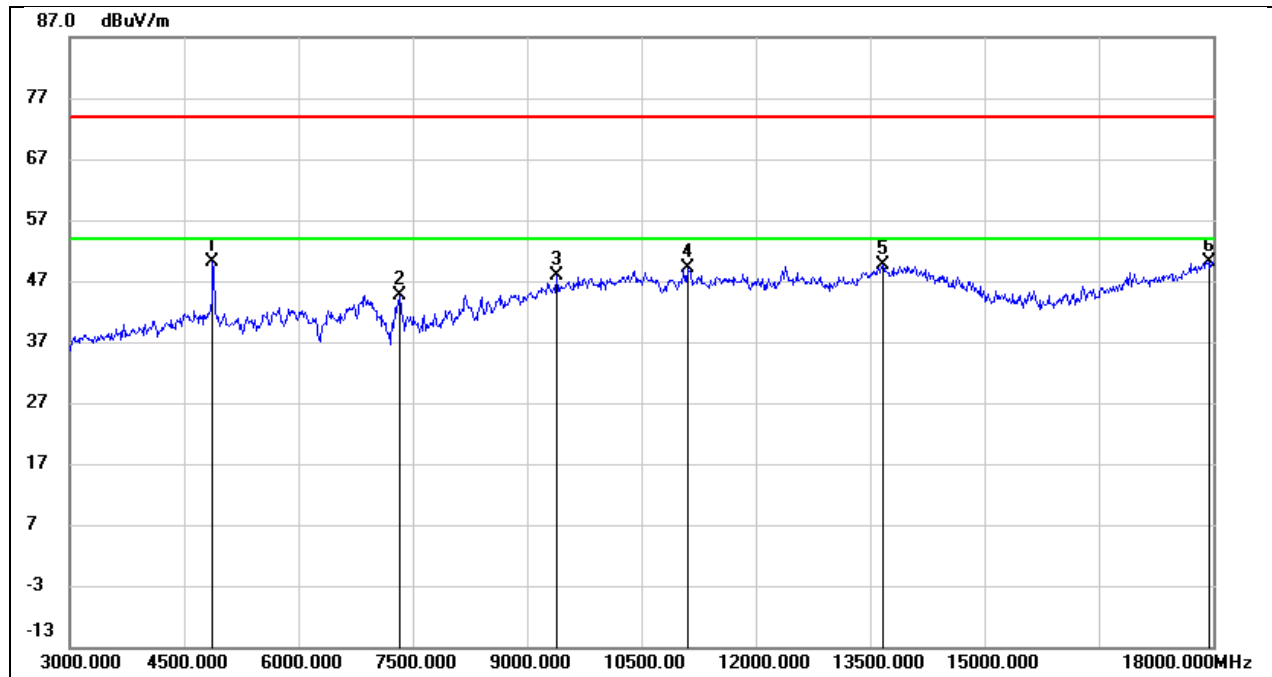
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	41.47	0.60	42.07	74.00	-31.93	peak
2	6960.000	38.64	6.35	44.99	74.00	-29.01	peak
3	9675.000	34.50	12.84	47.34	74.00	-26.66	peak
4	11130.000	33.01	16.94	49.95	74.00	-24.05	peak
5	13605.000	26.63	23.01	49.64	74.00	-24.36	peak
6	17970.000	22.23	28.27	50.50	74.00	-23.50	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2410.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



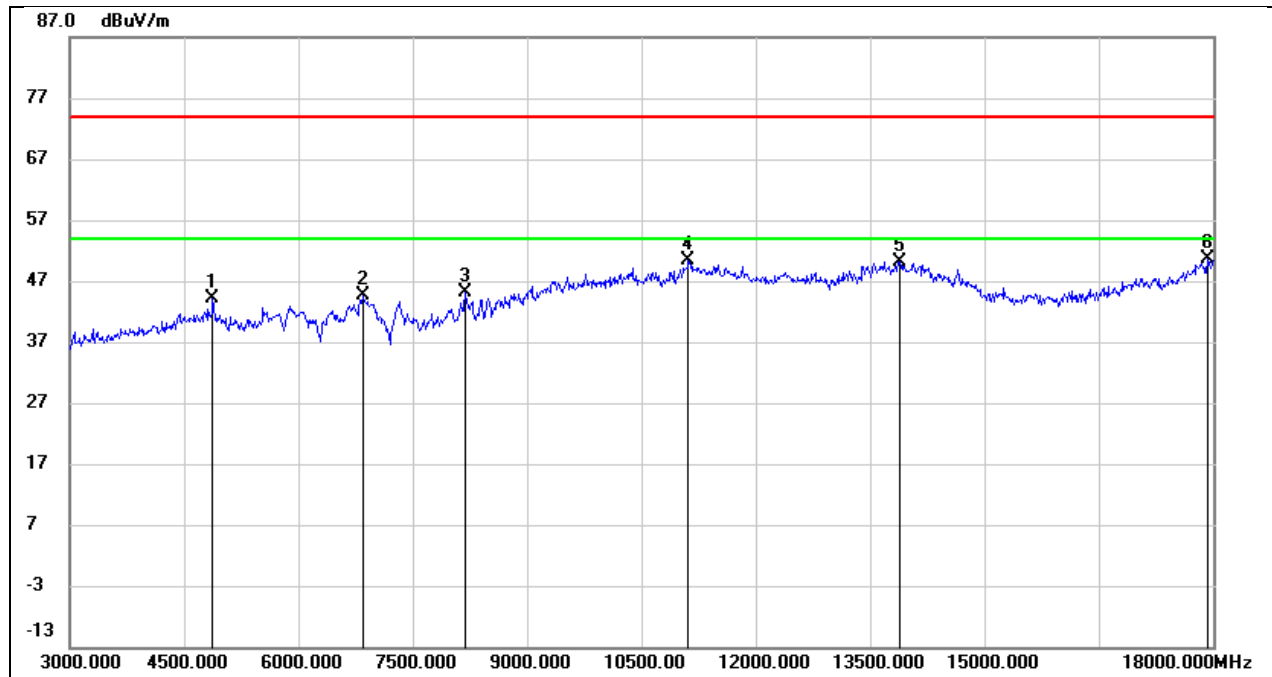
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.000	41.97	0.64	42.61	74.00	-31.39	peak
2	6840.000	38.23	6.04	44.27	74.00	-29.73	peak
3	9360.000	36.11	11.60	47.71	74.00	-26.29	peak
4	11100.000	33.12	16.80	49.92	74.00	-24.08	peak
5	13710.000	26.40	23.15	49.55	74.00	-24.45	peak
6	17850.000	23.00	27.22	50.22	74.00	-23.78	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2441.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



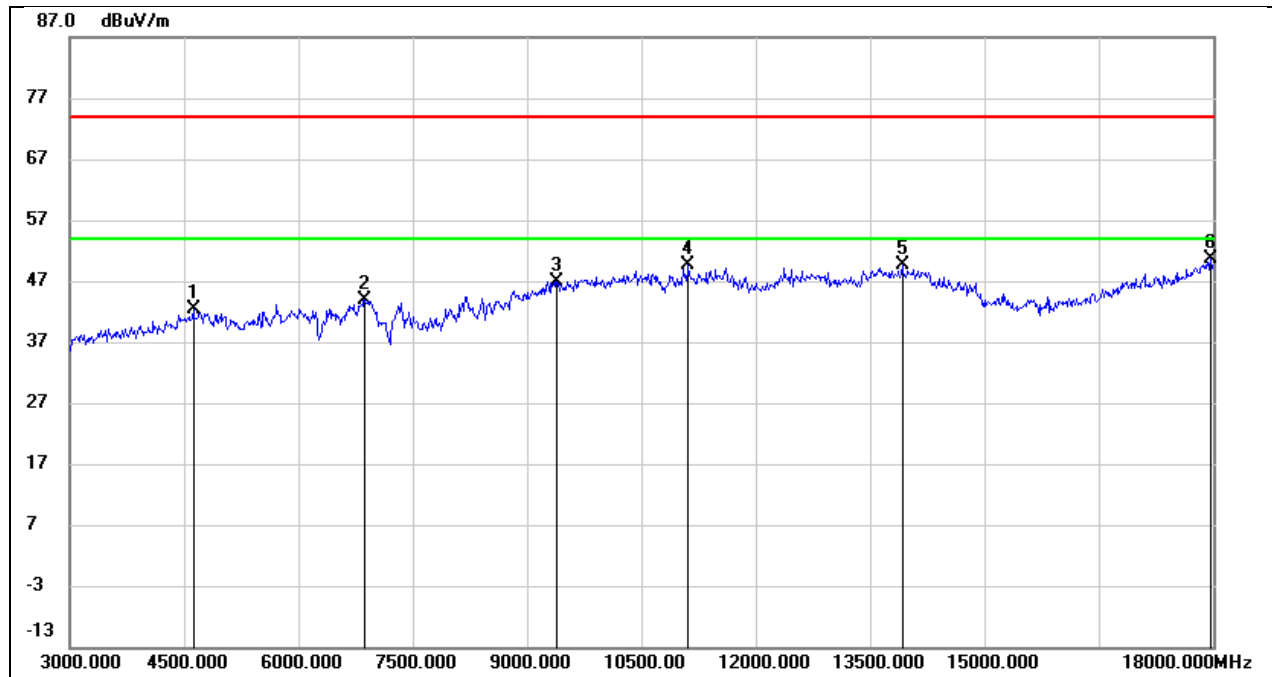
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	49.35	0.75	50.10	74.00	-23.90	peak
2	7335.000	37.69	6.90	44.59	74.00	-29.41	peak
3	9390.000	36.24	11.73	47.97	74.00	-26.03	peak
4	11100.000	32.29	16.80	49.09	74.00	-24.91	peak
5	13665.000	26.61	23.09	49.70	74.00	-24.30	peak
6	17940.000	22.23	28.02	50.25	74.00	-23.75	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2441.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



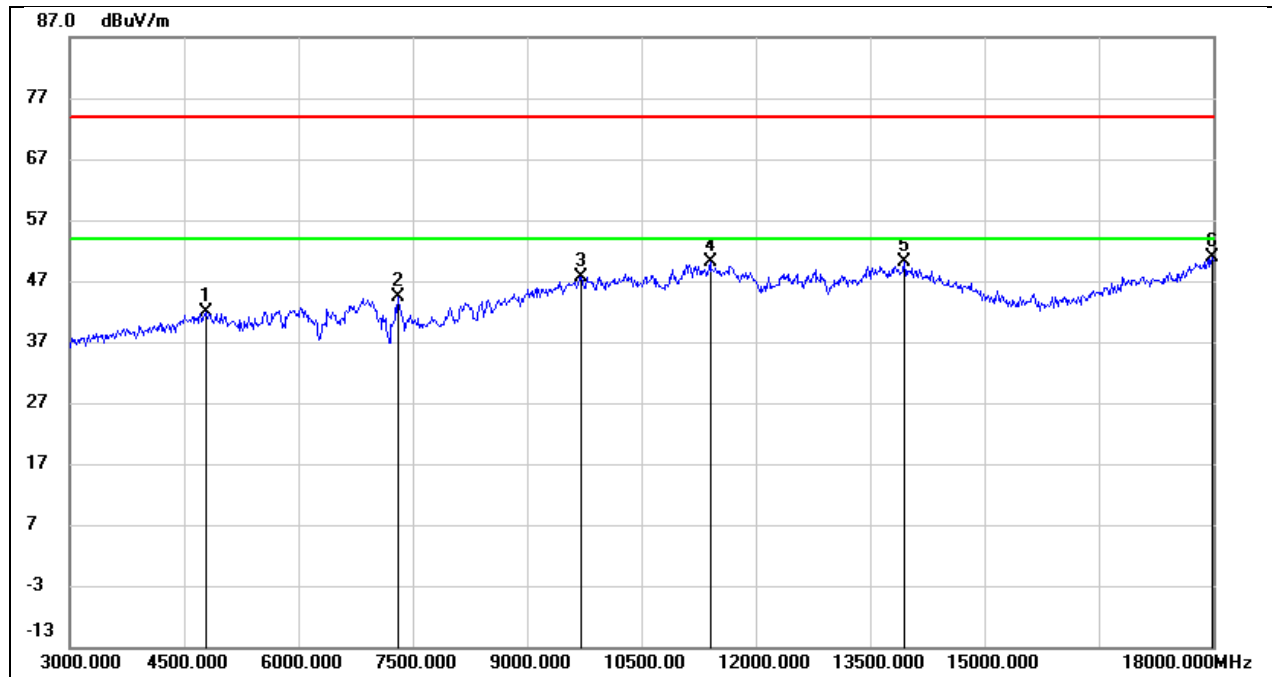
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	43.49	0.75	44.24	74.00	-29.76	peak
2	6855.000	38.54	6.08	44.62	74.00	-29.38	peak
3	8190.000	36.65	8.58	45.23	74.00	-28.77	peak
4	11115.000	33.60	16.88	50.48	74.00	-23.52	peak
5	13890.000	26.56	23.64	50.20	74.00	-23.80	peak
6	17925.000	22.81	27.87	50.68	74.00	-23.32	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2472.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



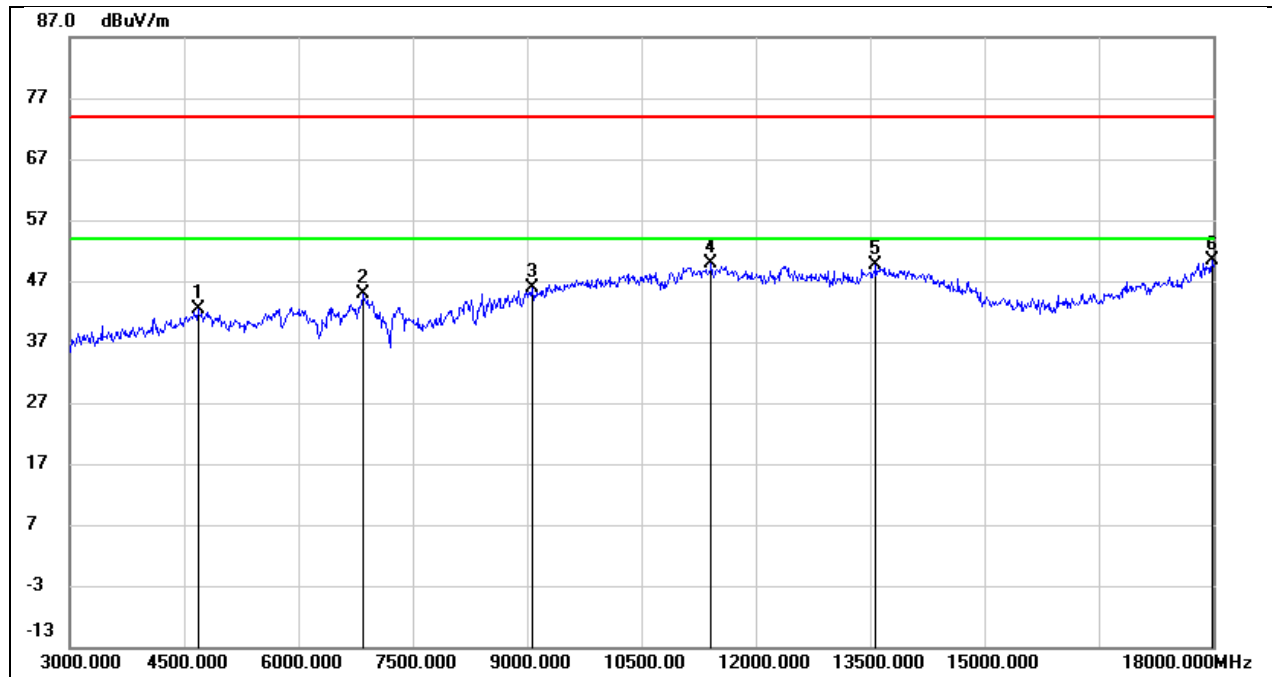
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4620.000	42.35	0.03	42.38	74.00	-31.62	peak
2	6870.000	37.72	6.12	43.84	74.00	-30.16	peak
3	9390.000	35.19	11.73	46.92	74.00	-27.08	peak
4	11115.000	32.84	16.88	49.72	74.00	-24.28	peak
5	13920.000	25.93	23.77	49.70	74.00	-24.30	peak
6	17970.000	22.29	28.27	50.56	74.00	-23.44	peak

Test Mode:	SRD 2.4G 20M	Frequency(MHz):	2472.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



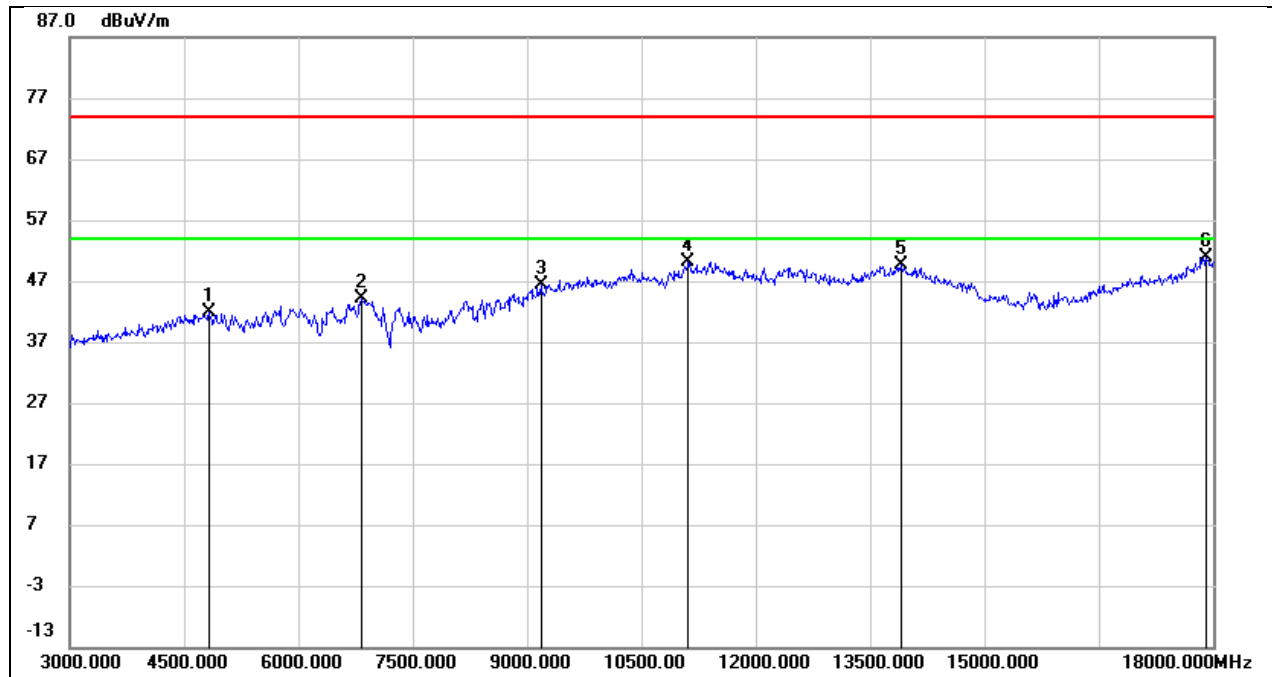
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4785.000	41.33	0.53	41.86	74.00	-32.14	peak
2	7305.000	37.58	6.88	44.46	74.00	-29.54	peak
3	9705.000	34.78	12.92	47.70	74.00	-26.30	peak
4	11400.000	32.65	17.44	50.09	74.00	-23.91	peak
5	13950.000	26.22	23.89	50.11	74.00	-23.89	peak
6	17985.000	22.35	28.41	50.76	74.00	-23.24	peak

Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2422.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



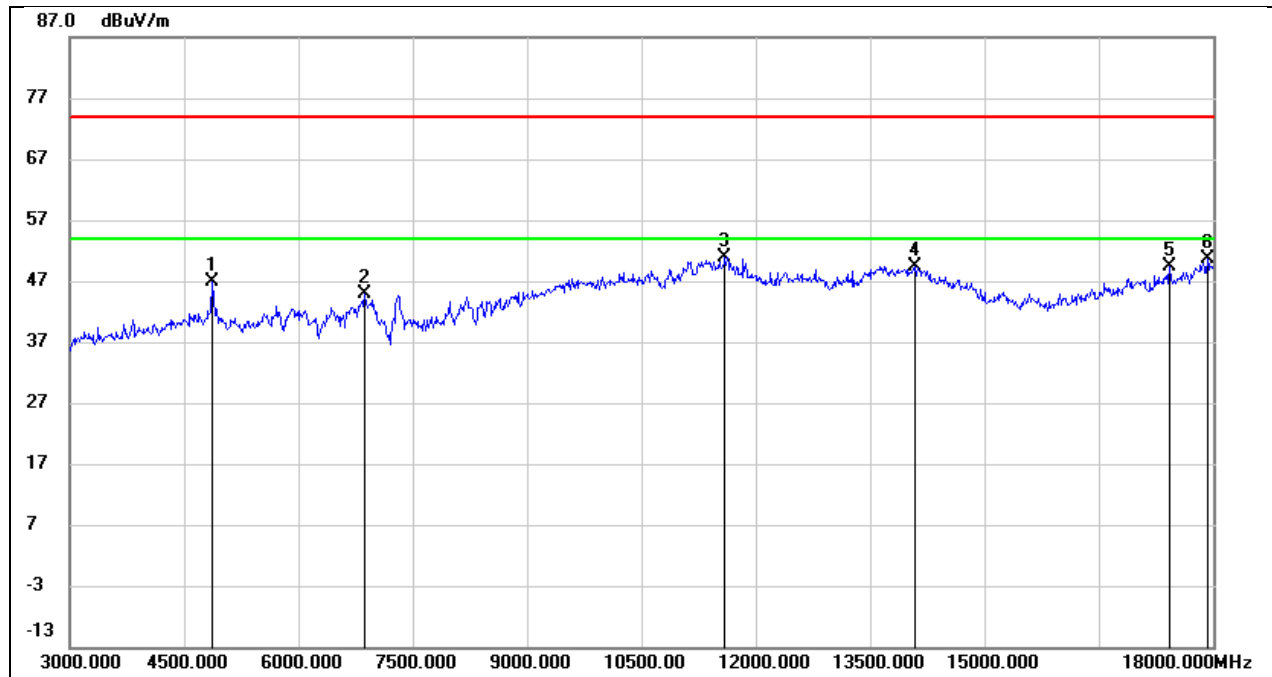
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4680.000	42.15	0.21	42.36	74.00	-31.64	peak
2	6840.000	38.82	6.04	44.86	74.00	-29.14	peak
3	9060.000	35.46	10.33	45.79	74.00	-28.21	peak
4	11415.000	32.34	17.48	49.82	74.00	-24.18	peak
5	13575.000	26.66	22.97	49.63	74.00	-24.37	peak
6	17985.000	22.09	28.41	50.50	74.00	-23.50	peak

Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2422.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



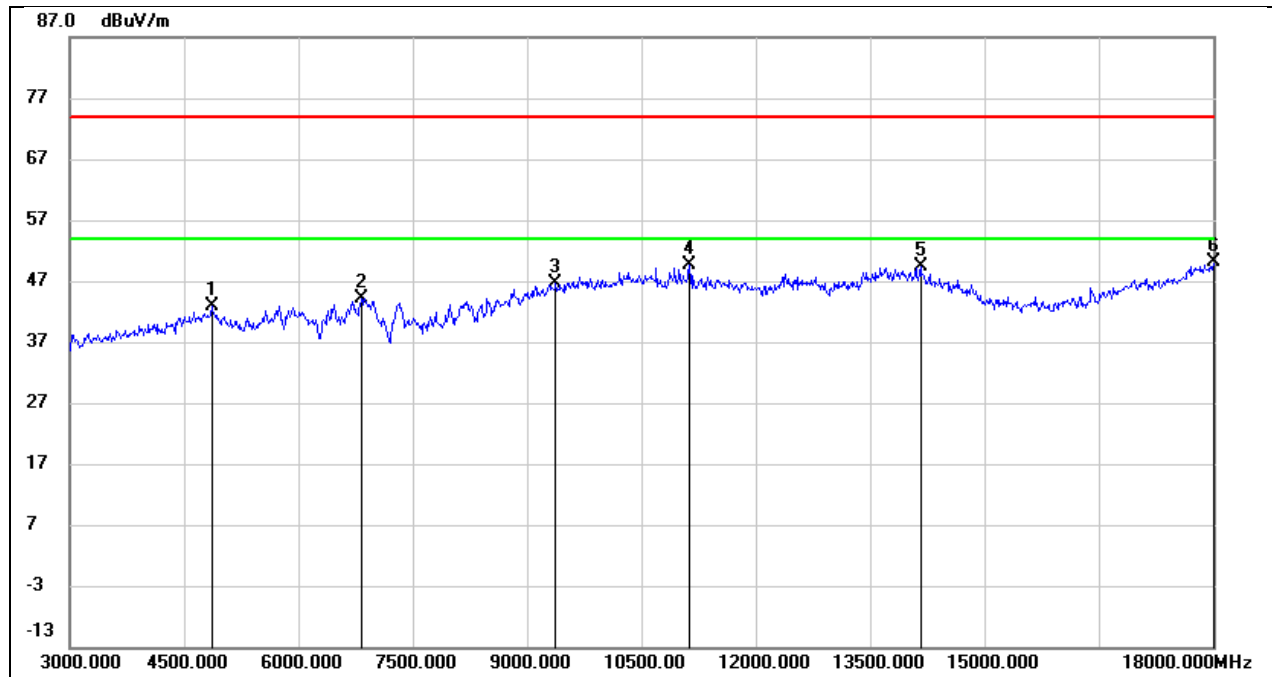
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.000	41.15	0.64	41.79	74.00	-32.21	peak
2	6825.000	38.22	6.00	44.22	74.00	-29.78	peak
3	9180.000	35.62	10.86	46.48	74.00	-27.52	peak
4	11115.000	33.34	16.88	50.22	74.00	-23.78	peak
5	13905.000	25.95	23.70	49.65	74.00	-24.35	peak
6	17910.000	23.21	27.75	50.96	74.00	-23.04	peak

Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2437.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



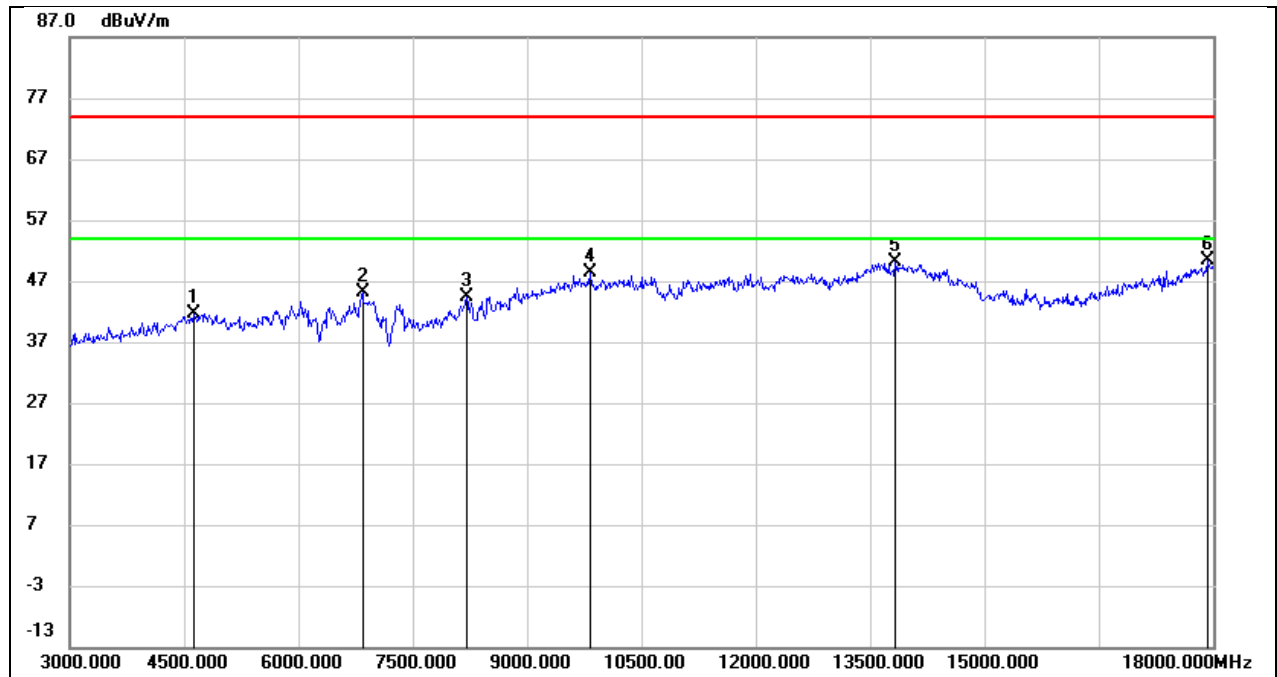
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	46.26	0.72	46.98	74.00	-27.02	peak
2	6870.000	38.82	6.12	44.94	74.00	-29.06	peak
3	11595.000	33.00	17.94	50.94	74.00	-23.06	peak
4	14085.000	25.65	23.84	49.49	74.00	-24.51	peak
5	17430.000	24.46	24.82	49.28	74.00	-24.72	peak
6	17925.000	22.77	27.87	50.64	74.00	-23.36	peak

Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2437.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



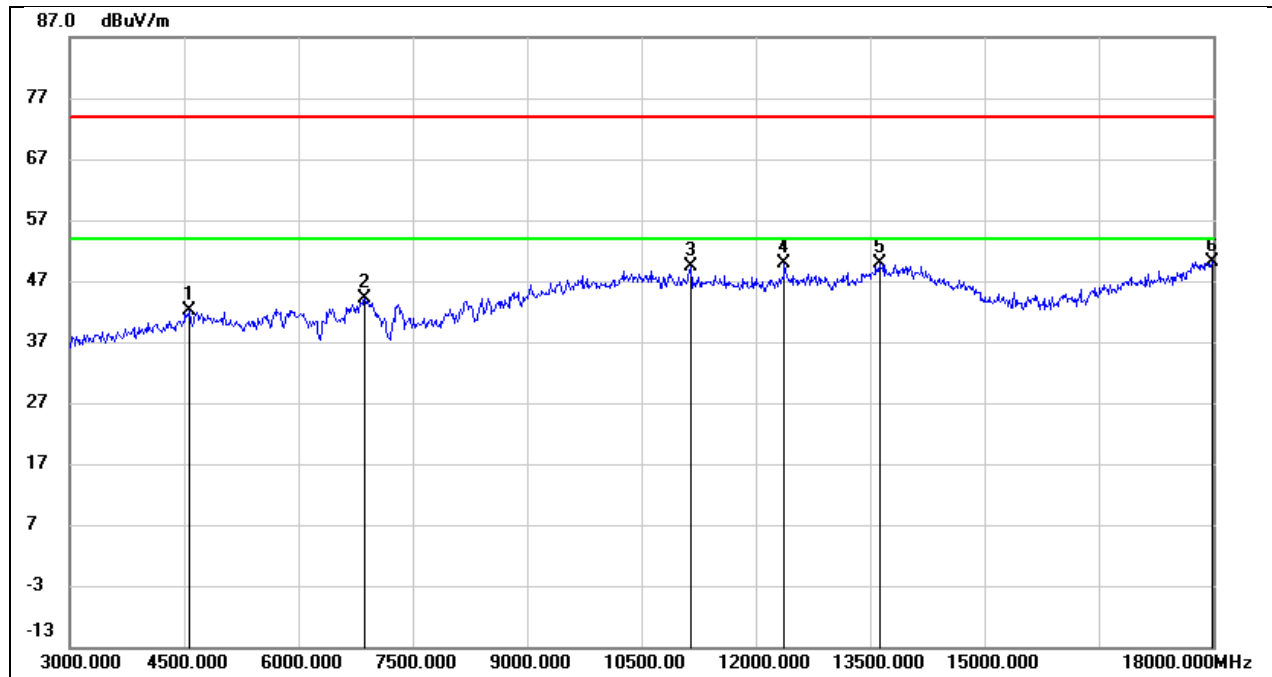
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	42.18	0.72	42.90	74.00	-31.10	peak
2	6825.000	38.08	6.00	44.08	74.00	-29.92	peak
3	9375.000	35.00	11.66	46.66	74.00	-27.34	peak
4	11130.000	32.74	16.94	49.68	74.00	-24.32	peak
5	14160.000	25.74	23.62	49.36	74.00	-24.64	peak
6	18000.000	21.69	28.54	50.23	74.00	-23.77	peak

Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2452.5
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	4635.000	41.62	0.08	41.70	74.00	-32.30	peak
2	6840.000	39.01	6.04	45.05	74.00	-28.95	peak
3	8205.000	35.73	8.62	44.35	74.00	-29.65	peak
4	9825.000	35.13	13.16	48.29	74.00	-25.71	peak
5	13830.000	26.62	23.39	50.01	74.00	-23.99	peak
6	17925.000	22.40	27.87	50.27	74.00	-23.73	peak

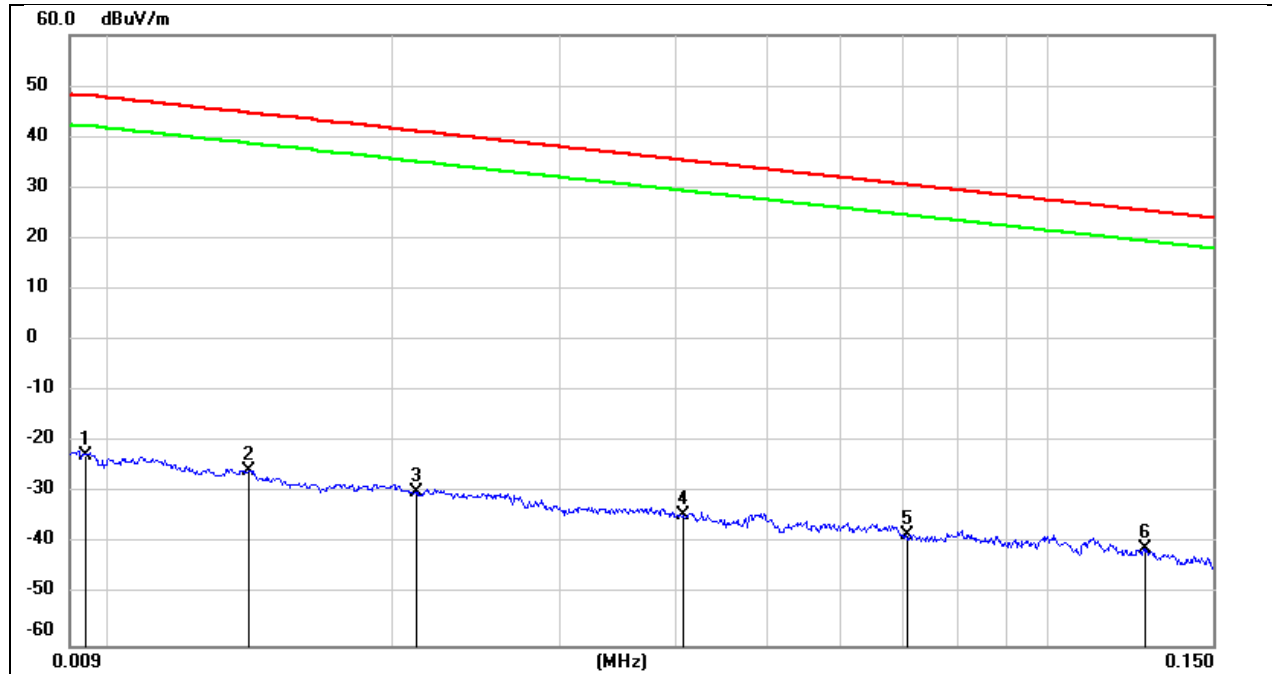
Test Mode:	SRD 2.4G 40M	Frequency(MHz):	2452.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4575.000	42.27	-0.11	42.16	74.00	-31.84	peak
2	6870.000	37.90	6.12	44.02	74.00	-29.98	peak
3	11145.000	32.47	17.02	49.49	74.00	-24.51	peak
4	12375.000	30.34	19.57	49.91	74.00	-24.09	peak
5	13620.000	26.76	23.03	49.79	74.00	-24.21	peak
6	17985.000	21.78	28.41	50.19	74.00	-23.81	peak

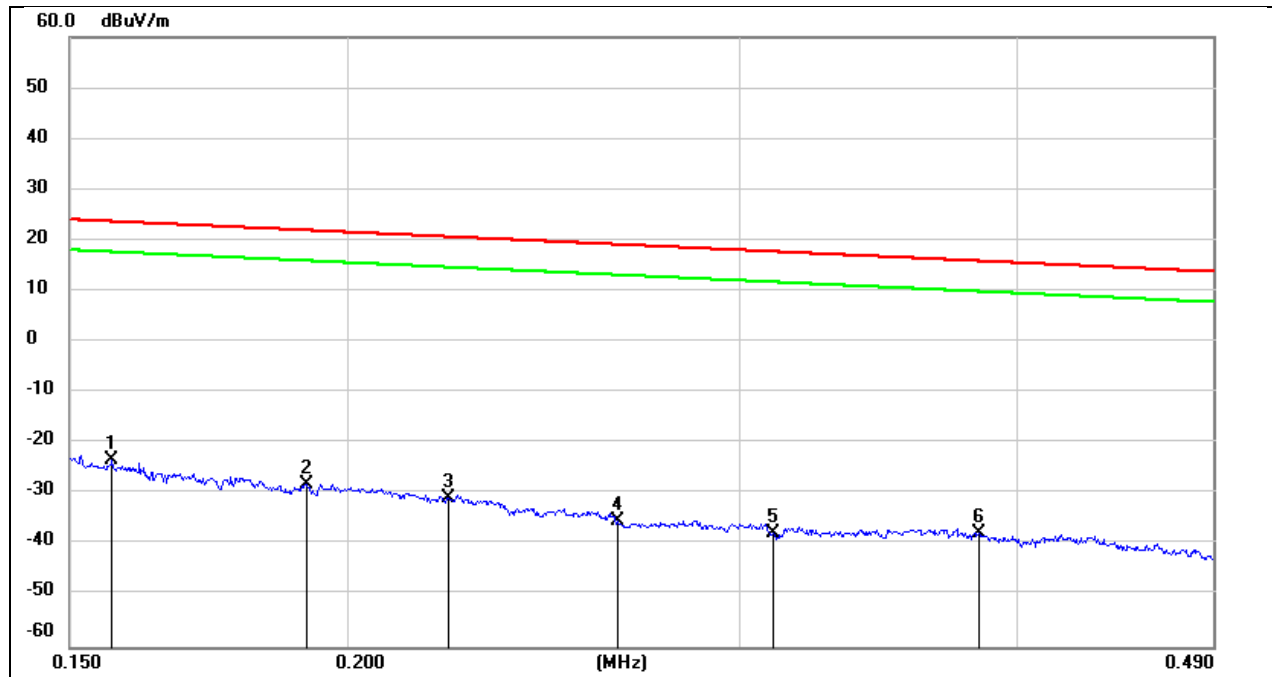
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



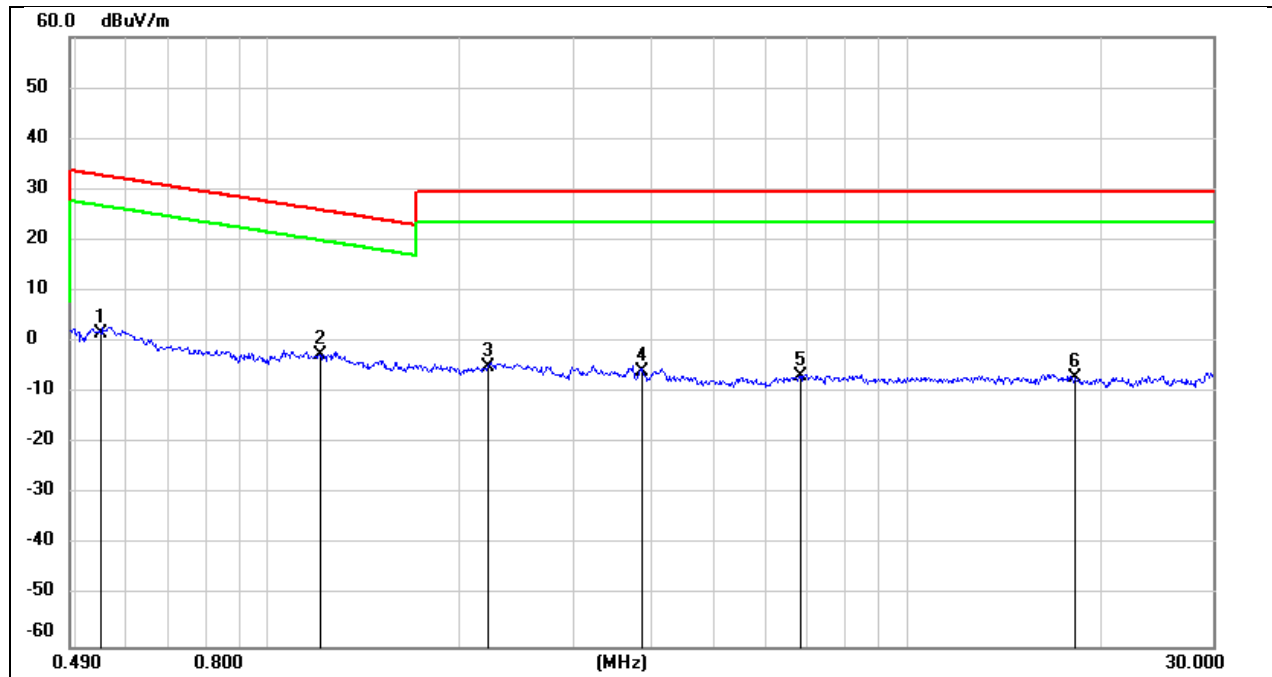
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0094	78.66	-101.35	-22.69	48.05	-70.74	peak
2	0.0140	75.75	-101.38	-25.63	44.68	-70.31	peak
3	0.0211	71.58	-101.35	-29.77	41.12	-70.89	peak
4	0.0407	67.00	-101.44	-34.44	35.41	-69.85	peak
5	0.0709	63.41	-101.57	-38.16	30.59	-68.75	peak
6	0.1272	60.85	-101.71	-40.86	25.52	-66.38	peak

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
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	78.45	-101.65	-23.20	23.70	-46.90	peak
2	0.1917	73.54	-101.70	-28.16	21.95	-50.11	peak
3	0.2220	71.04	-101.75	-30.71	20.67	-51.38	peak
4	0.2646	66.58	-101.82	-35.24	19.15	-54.39	peak
5	0.3108	64.23	-101.86	-37.63	17.75	-55.38	peak
6	0.3845	64.42	-101.94	-37.52	15.90	-53.42	peak

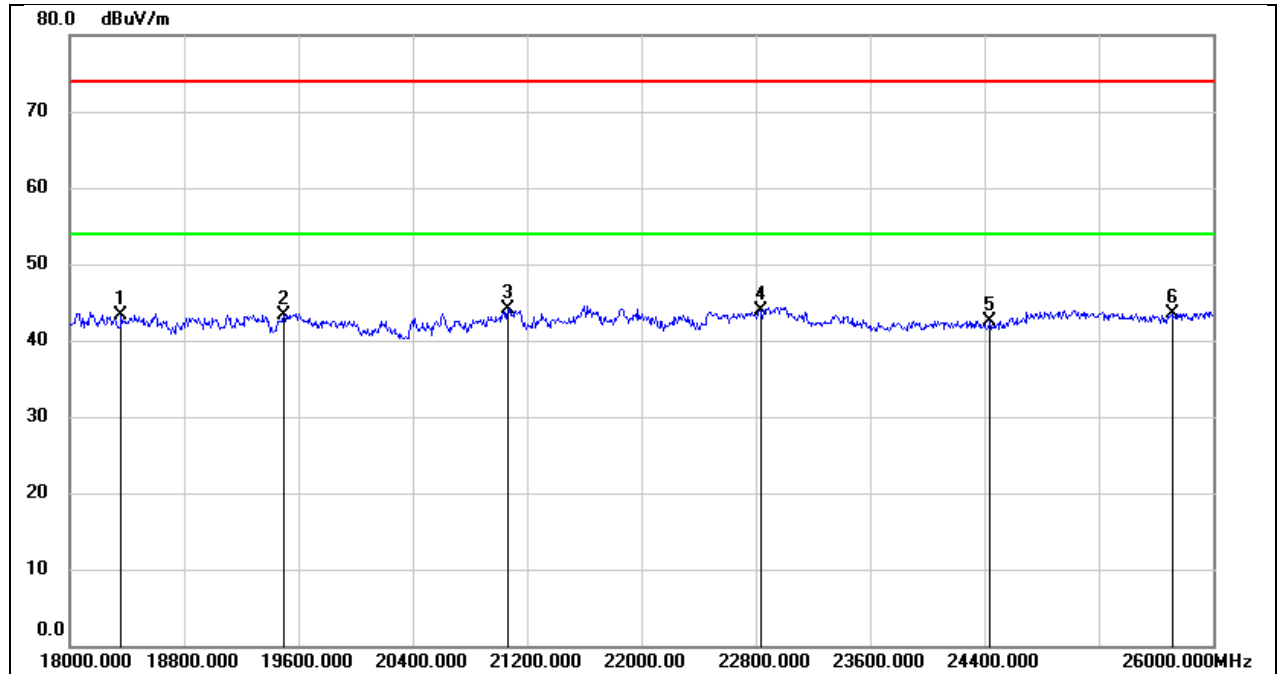
Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Horizontal	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5490	63.84	-62.08	1.76	32.81	-31.05	peak
2	1.2056	59.65	-62.17	-2.52	25.98	-28.50	peak
3	2.2090	56.94	-61.78	-4.84	29.54	-34.38	peak
4	3.8540	55.61	-61.37	-5.76	29.54	-35.30	peak
5	6.8051	54.49	-61.24	-6.75	29.54	-36.29	peak
6	18.2545	53.93	-60.90	-6.97	29.54	-36.51	peak

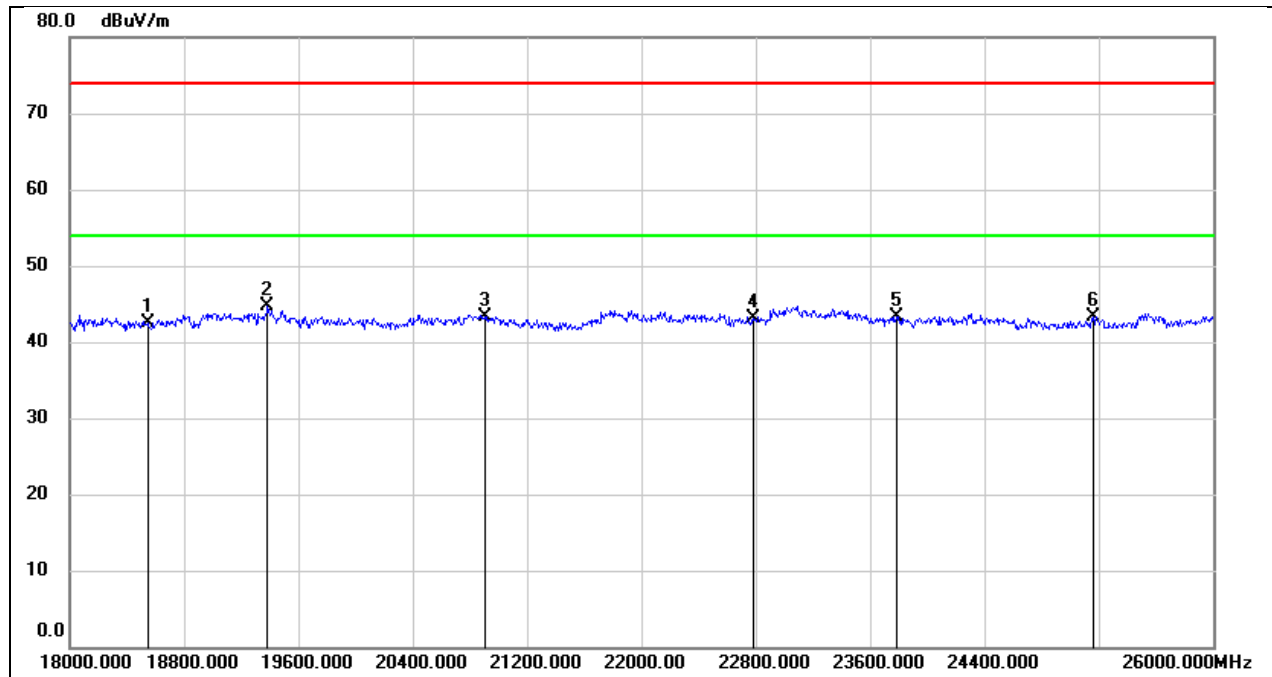
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
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	18360.000	48.66	-5.42	43.24	74.00	-30.76	peak
2	19496.000	48.79	-5.55	43.24	74.00	-30.76	peak
3	21064.000	48.99	-4.85	44.14	74.00	-29.86	peak
4	22832.000	47.59	-3.60	43.99	74.00	-30.01	peak
5	24440.000	44.89	-2.44	42.45	74.00	-31.55	peak
6	25712.000	44.35	-0.79	43.56	74.00	-30.44	peak

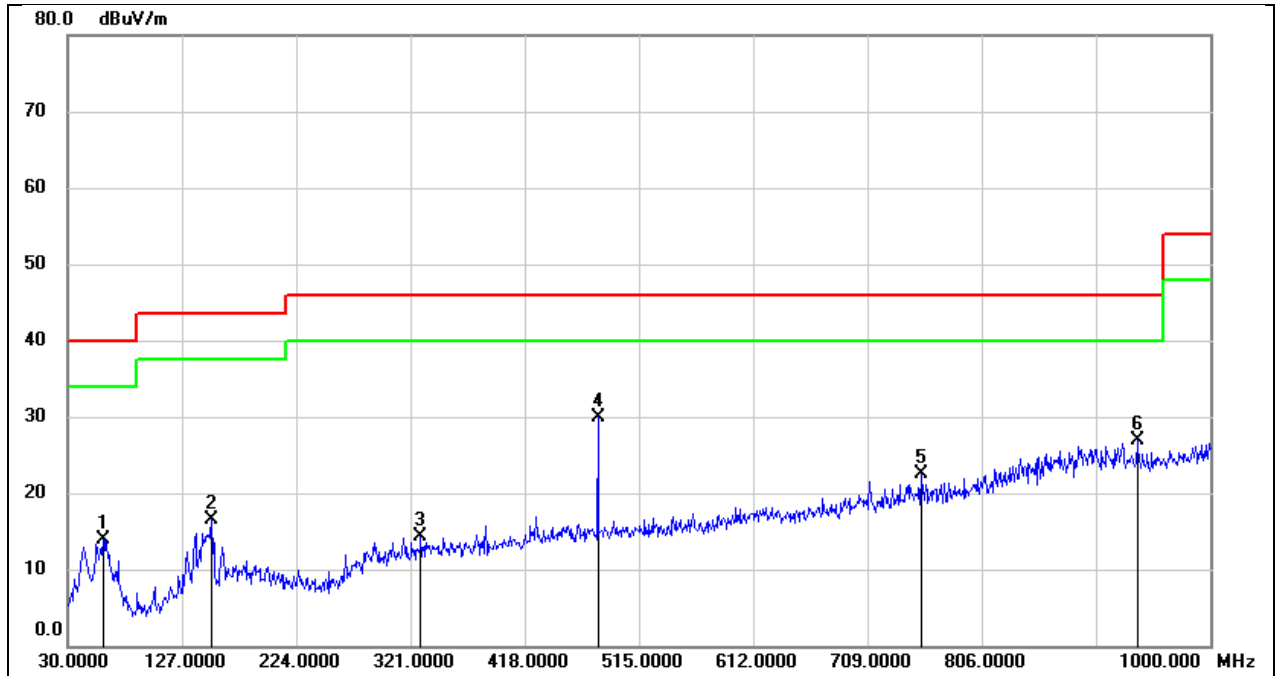
Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Polarity:	Vertical	Test Voltage:	DC 7.2V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18544.000	47.70	-5.28	42.42	74.00	-31.58	peak
2	19384.000	50.22	-5.57	44.65	74.00	-29.35	peak
3	20904.000	48.26	-4.97	43.29	74.00	-30.71	peak
4	22784.000	46.77	-3.65	43.12	74.00	-30.88	peak
5	23784.000	46.39	-3.13	43.26	74.00	-30.74	peak
6	25160.000	45.11	-1.83	43.28	74.00	-30.72	peak

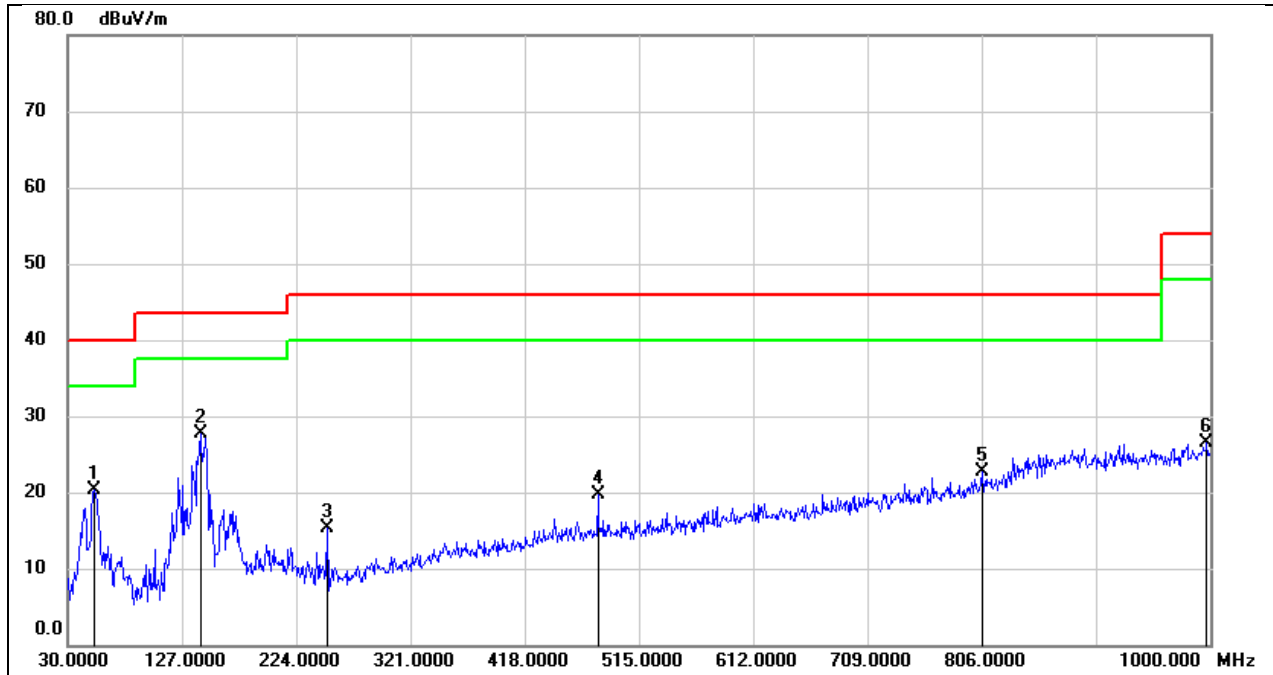
8.6. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
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	60.0700	28.89	-14.91	13.98	40.00	-26.02	QP
2	152.2200	29.89	-13.32	16.57	43.50	-26.93	QP
3	329.7300	24.64	-10.33	14.31	46.00	-31.69	QP
4	480.0800	37.80	-7.86	29.94	46.00	-16.06	QP
5	754.5900	25.99	-3.46	22.53	46.00	-23.47	QP
6	937.9200	27.67	-0.73	26.94	46.00	-19.06	QP

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
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	35.29	-15.05	20.24	40.00	-19.76	QP
2	142.5200	41.52	-13.85	27.67	43.50	-15.83	QP
3	250.1900	29.80	-14.56	15.24	46.00	-30.76	QP
4	480.0800	27.64	-7.86	19.78	46.00	-26.22	QP
5	806.0000	25.07	-2.46	22.61	46.00	-23.39	QP
6	997.0900	26.69	-0.17	26.52	54.00	-27.48	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 15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, 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)

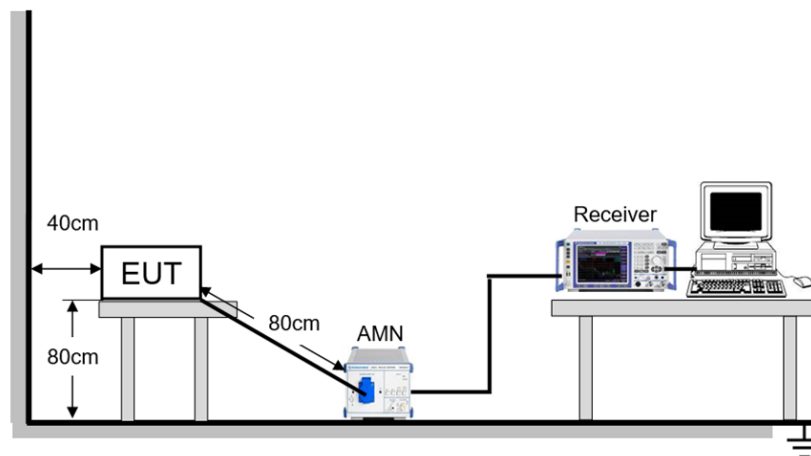
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

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

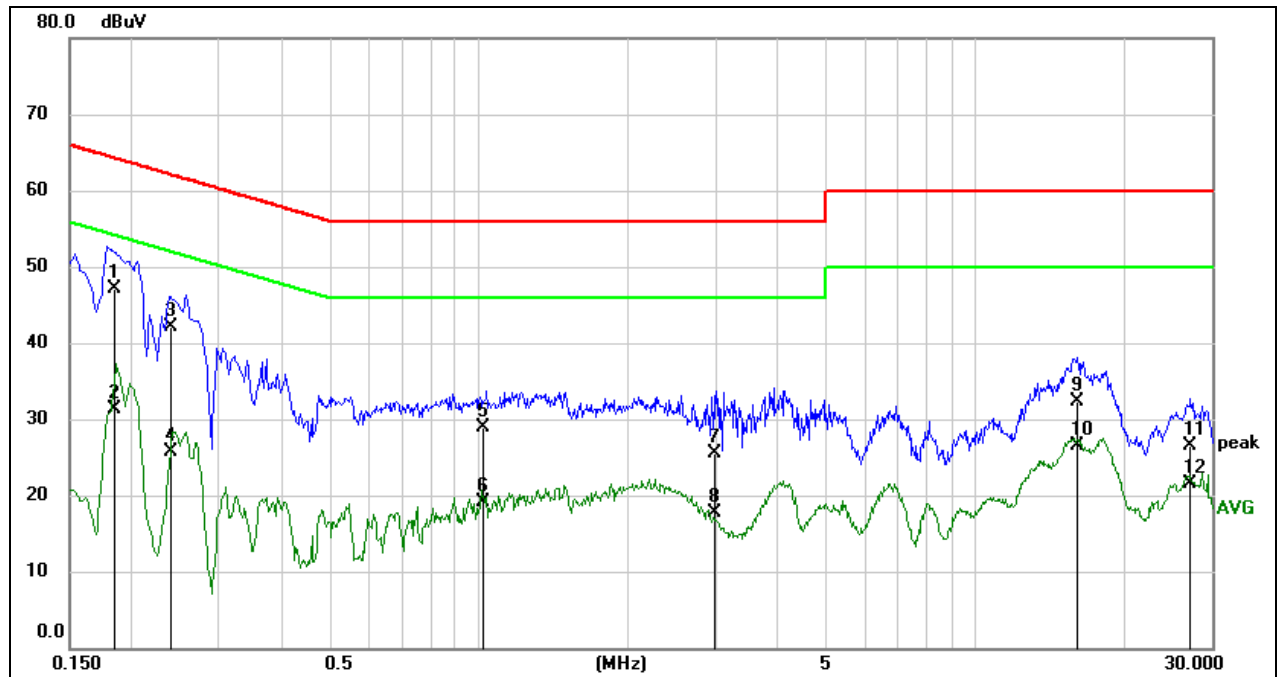
Temperature	22.4°C	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

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

Test Mode:	SRD 2.4G 1.4M	Frequency(MHz):	2409.5
Line:	Line		



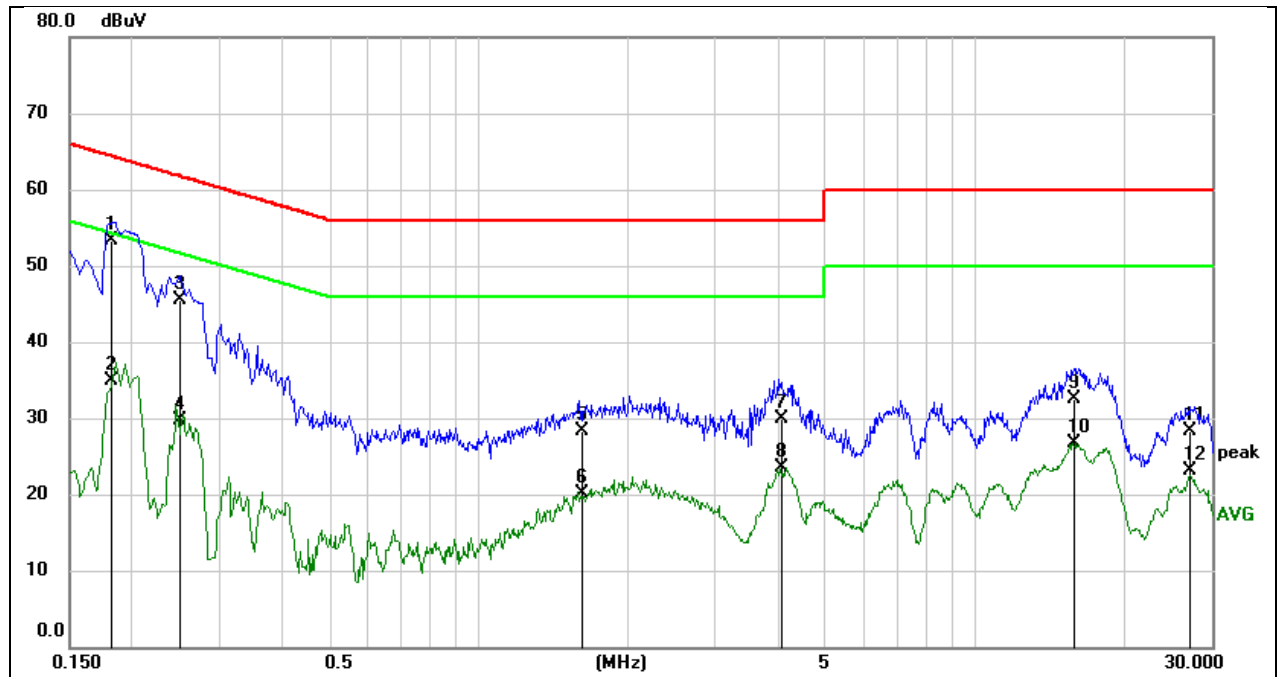
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1849	37.51	9.67	47.18	64.26	-17.08	QP
2	0.1849	21.68	9.67	31.35	54.26	-22.91	AVG
3	0.2416	32.52	9.64	42.16	62.04	-19.88	QP
4	0.2416	16.04	9.64	25.68	52.04	-26.36	AVG
5	1.0231	19.19	9.63	28.82	56.00	-27.18	QP
6	1.0231	9.41	9.63	19.04	46.00	-26.96	AVG
7	2.9698	15.72	9.73	25.45	56.00	-30.55	QP
8	2.9698	7.99	9.73	17.72	46.00	-28.28	AVG
9	16.1132	22.66	9.74	32.40	60.00	-27.60	QP
10	16.1132	16.78	9.74	26.52	50.00	-23.48	AVG
11	27.1889	16.92	9.68	26.60	60.00	-33.40	QP
12	27.1889	11.85	9.68	21.53	50.00	-28.47	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 2.4G 1.4M	Frequency(MHz):	2409.5
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1819	43.63	9.64	53.27	64.40	-11.13	QP
2	0.1819	25.34	9.64	34.98	54.40	-19.42	AVG
3	0.2484	35.82	9.64	45.46	61.81	-16.35	QP
4	0.2484	20.04	9.64	29.68	51.81	-22.13	AVG
5	1.6232	18.67	9.64	28.31	56.00	-27.69	QP
6	1.6232	10.51	9.64	20.15	46.00	-25.85	AVG
7	4.0811	20.23	9.63	29.86	56.00	-26.14	QP
8	4.0811	13.89	9.63	23.52	46.00	-22.48	AVG
9	15.7776	22.75	9.74	32.49	60.00	-27.51	QP
10	15.7776	17.00	9.74	26.74	50.00	-23.26	AVG
11	27.1113	18.71	9.68	28.39	60.00	-31.61	QP
12	27.1113	13.41	9.68	23.09	50.00	-26.91	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.

11. TEST DATA

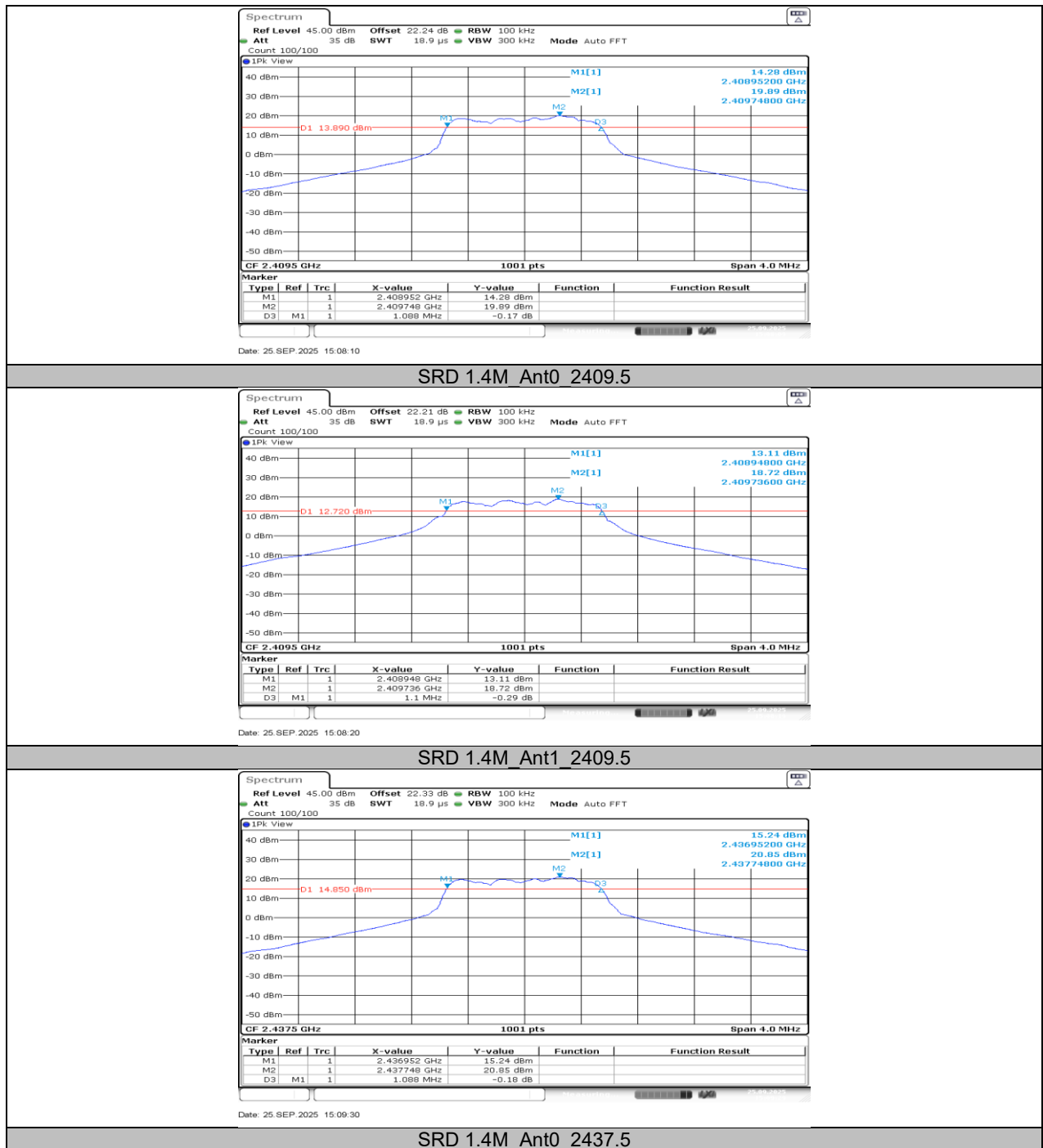
11.1. APPENDIX A: DTS BANDWIDTH

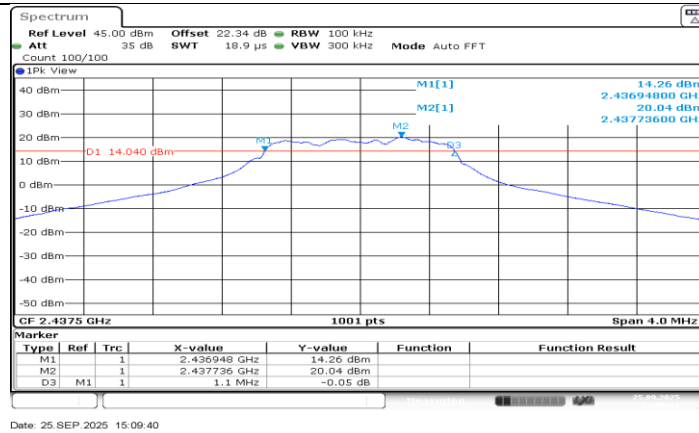
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD 1.4M	Ant0	2409.5	1.09	2408.95	2410.04	≥0.5	PASS
	Ant1	2409.5	1.10	2408.95	2410.05	≥0.5	PASS
	Ant0	2437.5	1.09	2436.95	2438.04	≥0.5	PASS
	Ant1	2437.5	1.10	2436.95	2438.05	≥0.5	PASS
	Ant0	2465.12	1.09	2464.57	2465.66	≥0.5	PASS
	Ant1	2465.12	1.10	2464.56	2465.67	≥0.5	PASS
SRD 3M	Ant0	2410.5	2.18	2409.41	2411.59	≥0.5	PASS
	Ant1	2410.5	2.15	2409.43	2411.58	≥0.5	PASS
	Ant0	2437.5	2.18	2436.41	2438.59	≥0.5	PASS
	Ant1	2437.5	2.15	2436.43	2438.58	≥0.5	PASS
	Ant0	2464.2	2.18	2463.11	2465.29	≥0.5	PASS
	Ant1	2464.2	2.15	2463.13	2465.28	≥0.5	PASS
SRD 10M	Ant0	2405.5	9.04	2400.98	2410.02	≥0.5	PASS
	Ant1	2405.5	9.00	2400.98	2409.98	≥0.5	PASS
	Ant0	2441.5	9.04	2436.98	2446.02	≥0.5	PASS
	Ant1	2441.5	9.04	2436.98	2446.02	≥0.5	PASS
	Ant0	2472.5	9.04	2467.98	2477.02	≥0.5	PASS
	Ant1	2472.5	9.04	2467.98	2477.02	≥0.5	PASS
	Ant0	2473.5	9.04	2468.98	2478.02	≥0.5	PASS
	Ant1	2473.5	9.04	2468.98	2478.02	≥0.5	PASS
	Ant0	2474.5	9.04	2469.98	2479.02	≥0.5	PASS
	Ant1	2474.5	9.00	2469.98	2478.98	≥0.5	PASS
	Ant0	2475.5	9.04	2470.98	2480.02	≥0.5	PASS
	Ant1	2475.5	9.00	2470.98	2479.98	≥0.5	PASS
	Ant0	2476.5	9.04	2471.98	2481.02	≥0.5	PASS
	Ant1	2476.5	9.00	2471.98	2480.98	≥0.5	PASS
SRD 20M	Ant0	2410.5	17.96	2401.54	2419.50	≥0.5	PASS
	Ant1	2410.5	17.96	2401.54	2419.50	≥0.5	PASS
	Ant0	2441.5	18.00	2432.54	2450.54	≥0.5	PASS
	Ant1	2441.5	18.00	2432.54	2450.54	≥0.5	PASS
	Ant0	2468.5	18.04	2459.50	2477.54	≥0.5	PASS
	Ant1	2468.5	18.04	2459.50	2477.54	≥0.5	PASS
	Ant0	2469.5	18.04	2460.50	2478.54	≥0.5	PASS
	Ant1	2469.5	18.00	2460.50	2478.50	≥0.5	PASS
	Ant0	2470.5	18.04	2461.50	2479.54	≥0.5	PASS
	Ant1	2470.5	18.00	2461.50	2479.50	≥0.5	PASS
	Ant0	2471.5	18.04	2462.50	2480.54	≥0.5	PASS
	Ant1	2471.5	18.00	2462.50	2480.50	≥0.5	PASS
	Ant0	2472.5	18.04	2463.50	2481.54	≥0.5	PASS
	Ant1	2472.5	17.96	2463.54	2481.50	≥0.5	PASS
SRD 40M	Ant0	2422.5	35.84	2404.58	2440.42	≥0.5	PASS
	Ant1	2422.5	36.00	2404.50	2440.50	≥0.5	PASS
	Ant0	2423.5	35.92	2405.58	2441.50	≥0.5	PASS
	Ant1	2423.5	36.08	2405.50	2441.58	≥0.5	PASS
	Ant0	2424.5	35.76	2406.66	2442.42	≥0.5	PASS
	Ant1	2424.5	36.08	2406.50	2442.58	≥0.5	PASS
	Ant0	2437.5	35.92	2419.58	2455.50	≥0.5	PASS
	Ant1	2437.5	36.00	2419.58	2455.58	≥0.5	PASS
	Ant0	2450.5	35.76	2432.66	2468.42	≥0.5	PASS
	Ant1	2450.5	35.84	2432.66	2468.50	≥0.5	PASS
	Ant0	2451.5	35.76	2433.66	2469.42	≥0.5	PASS
	Ant1	2451.5	35.76	2433.66	2469.42	≥0.5	PASS

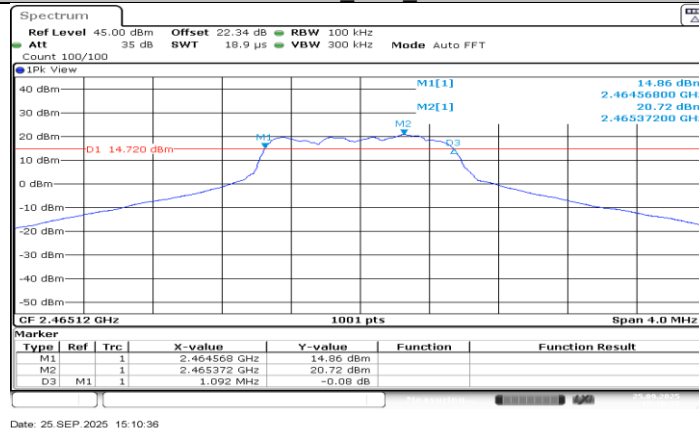
	Ant0	2452.5	35.76	2434.66	2470.42	≥0.5	PASS
	Ant1	2452.5	35.92	2434.58	2470.50	≥0.5	PASS

11.1.2. Test Graphs

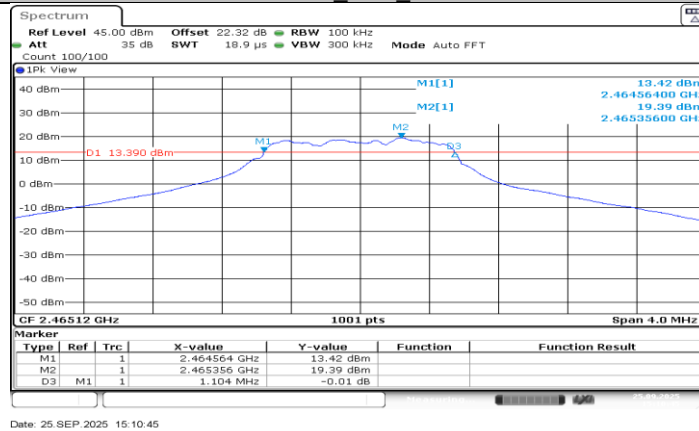




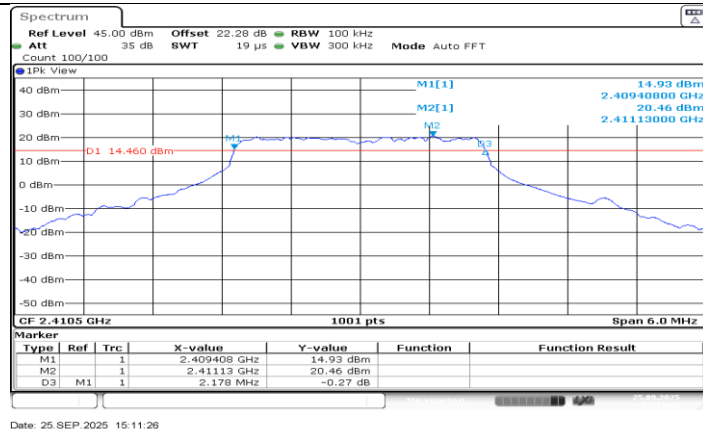
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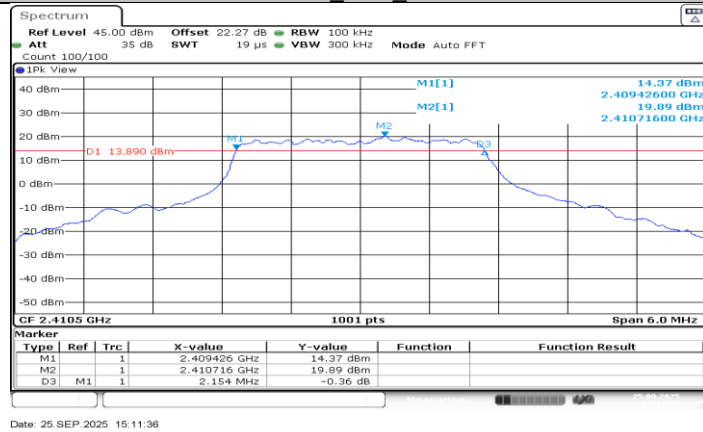
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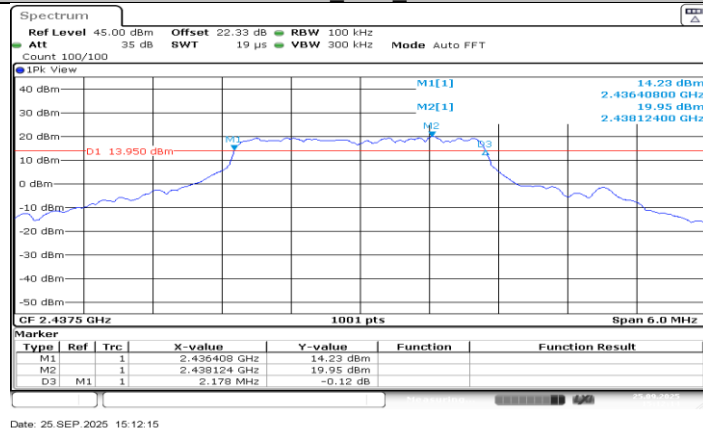
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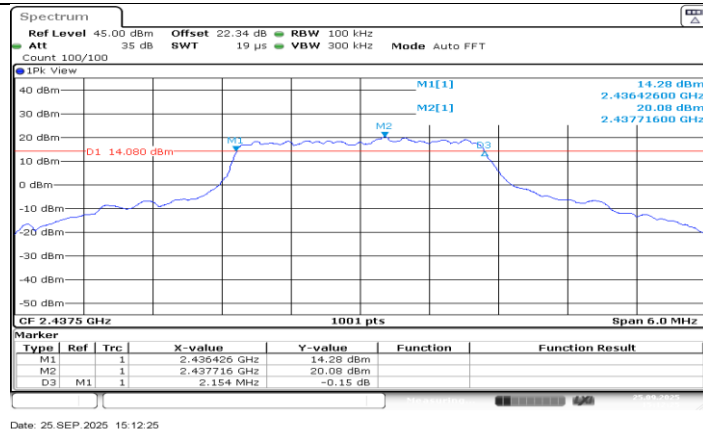
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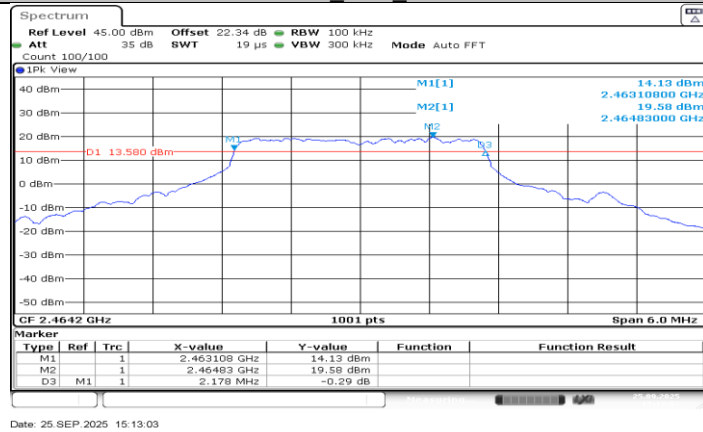
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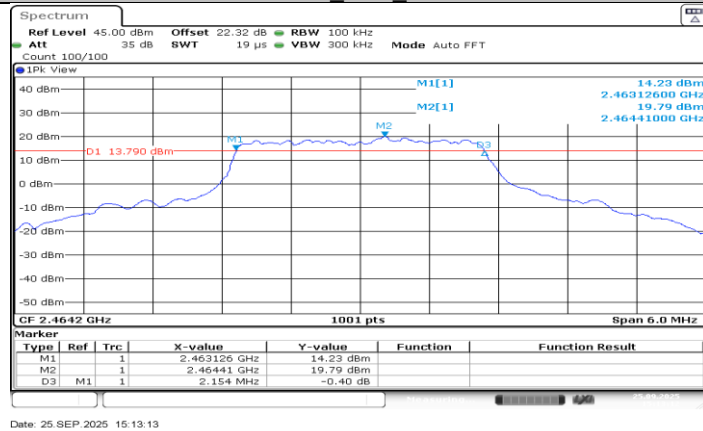
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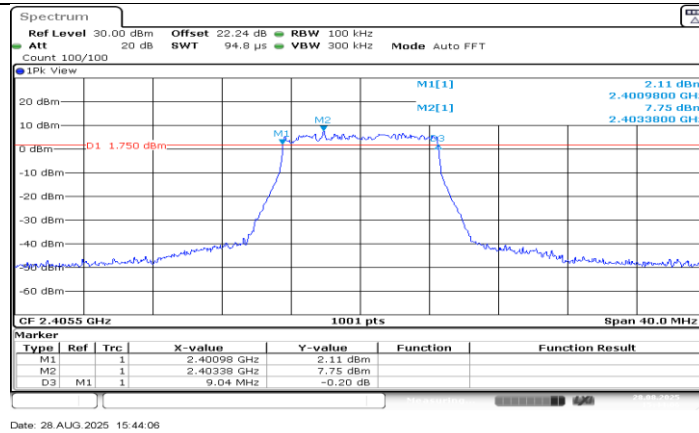
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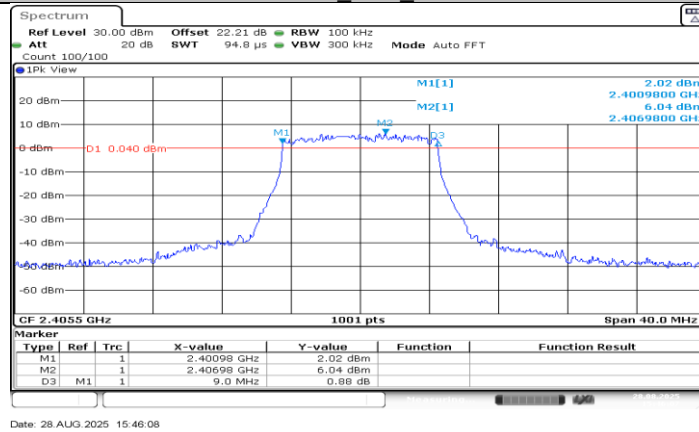
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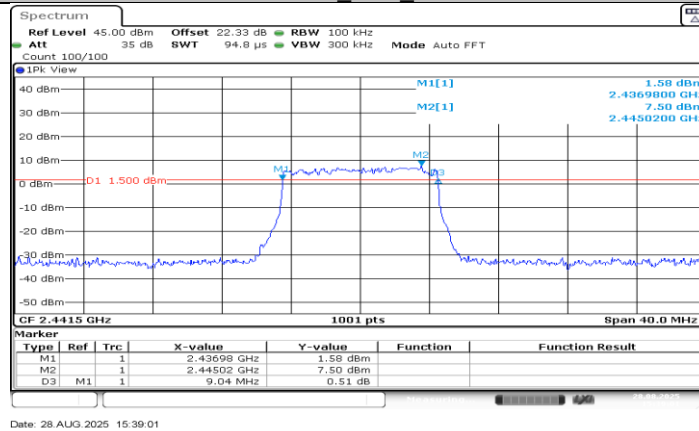
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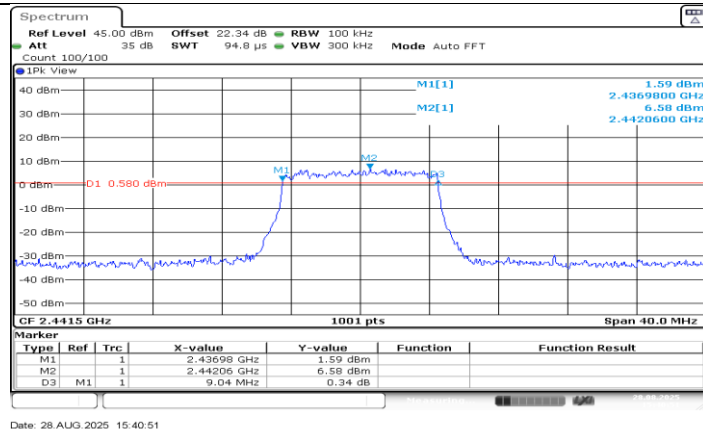
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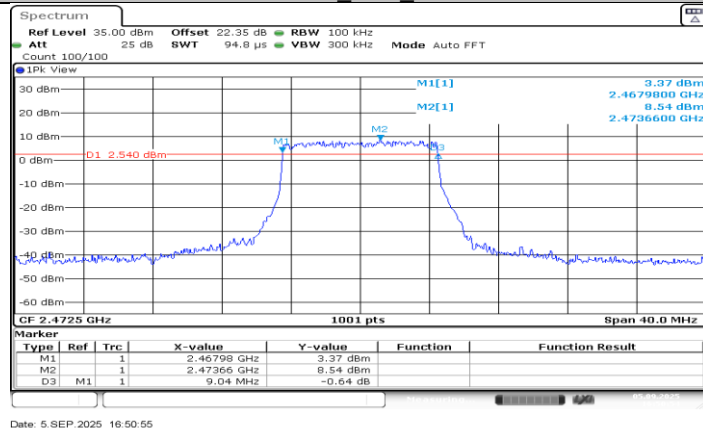
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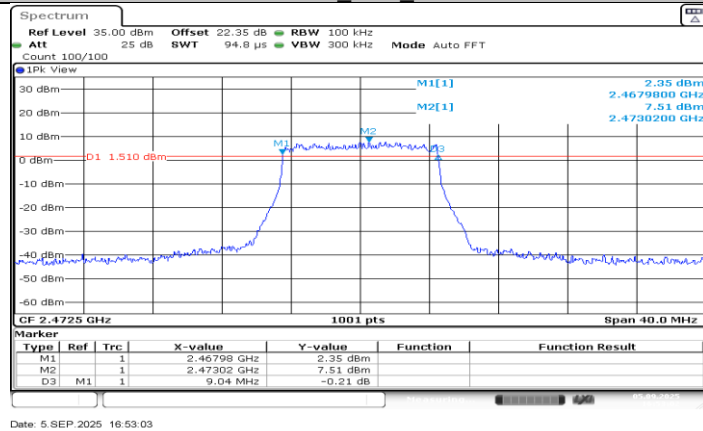
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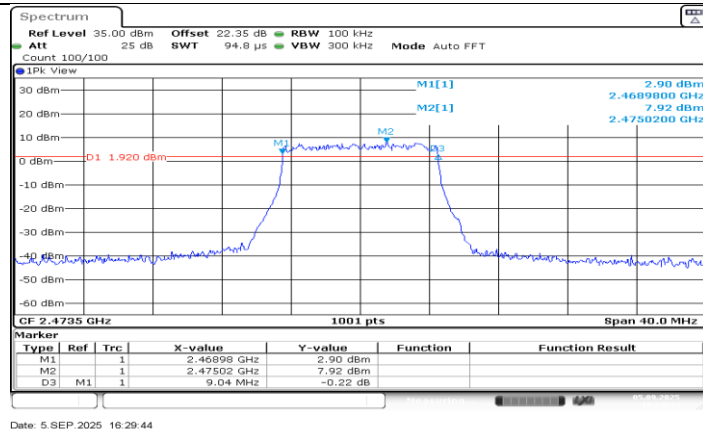
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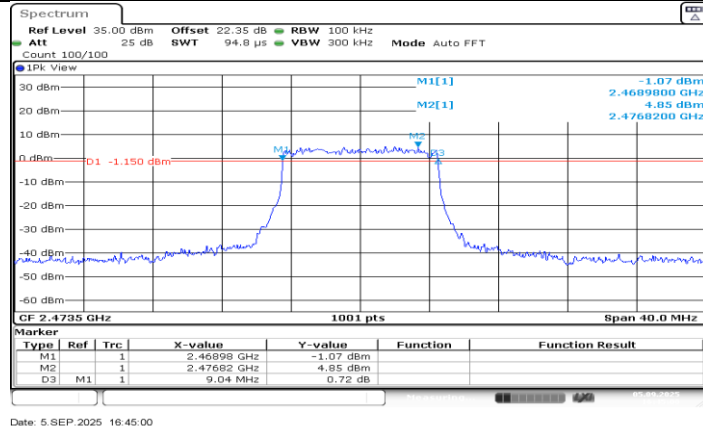
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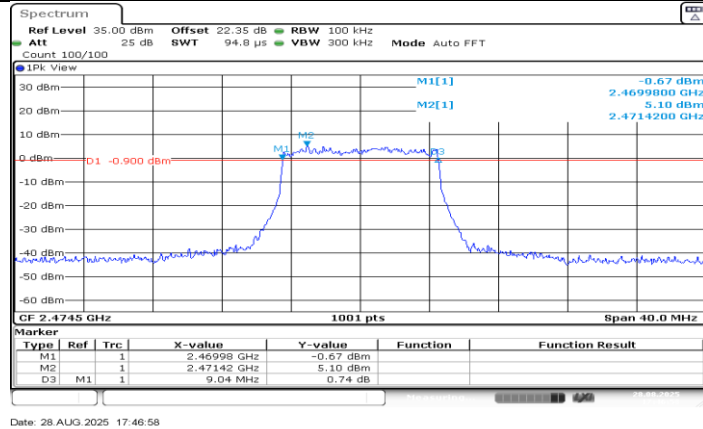
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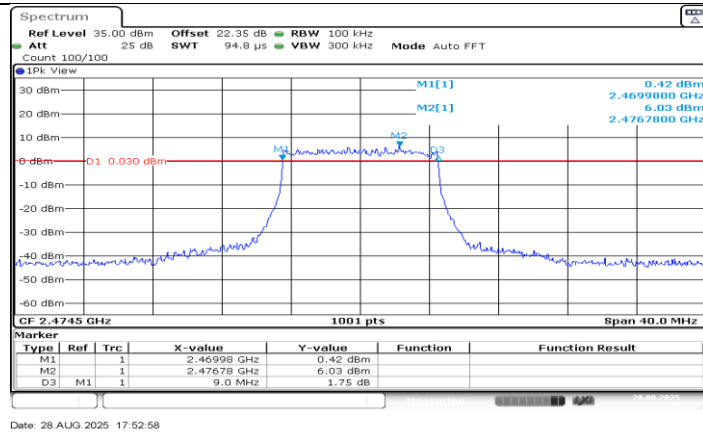
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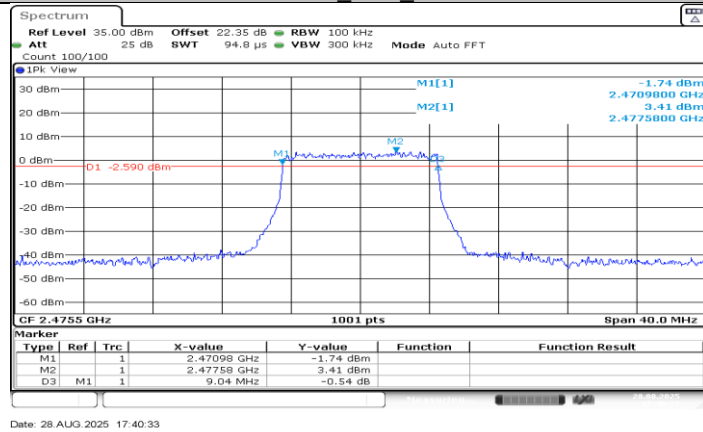
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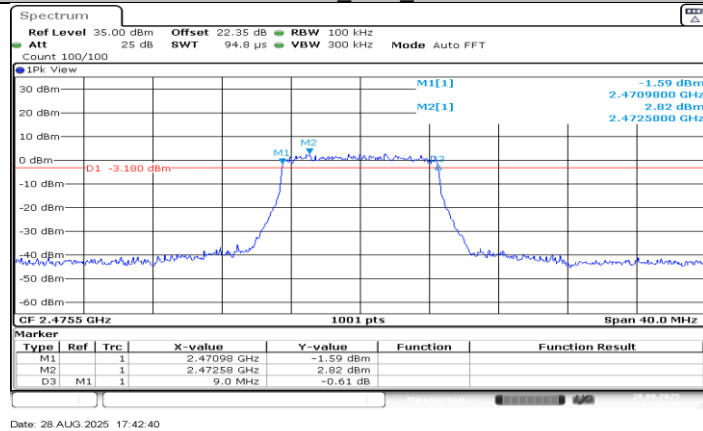
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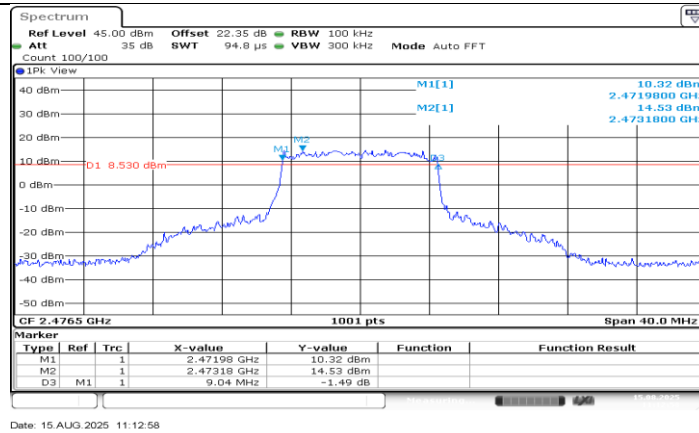
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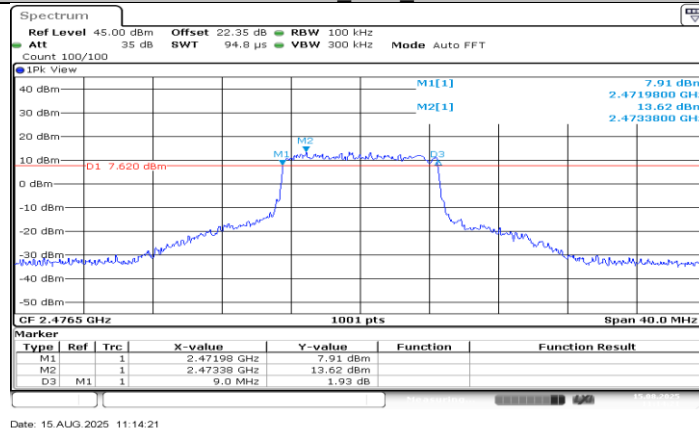
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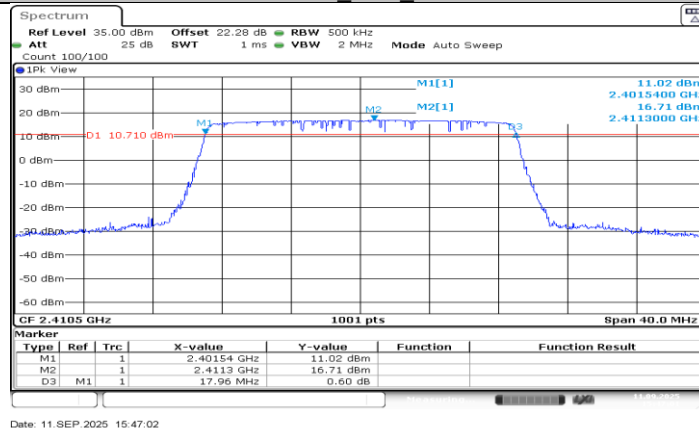
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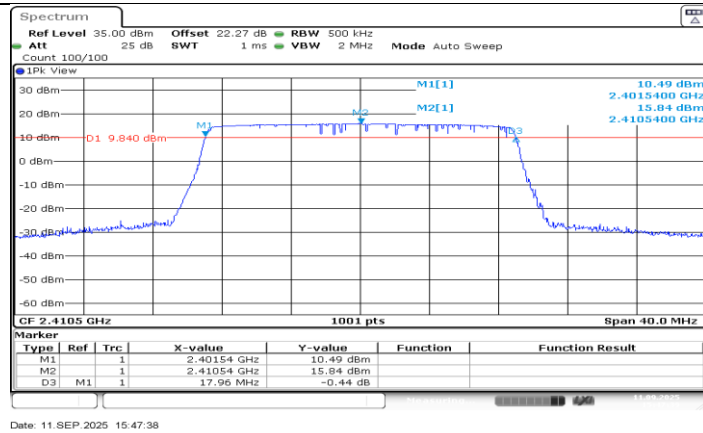
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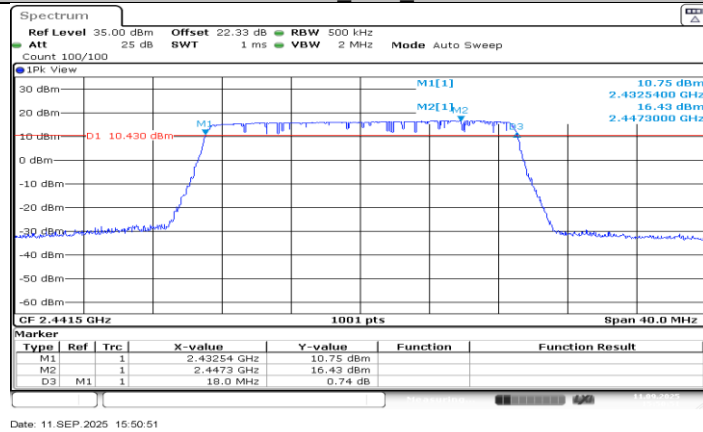
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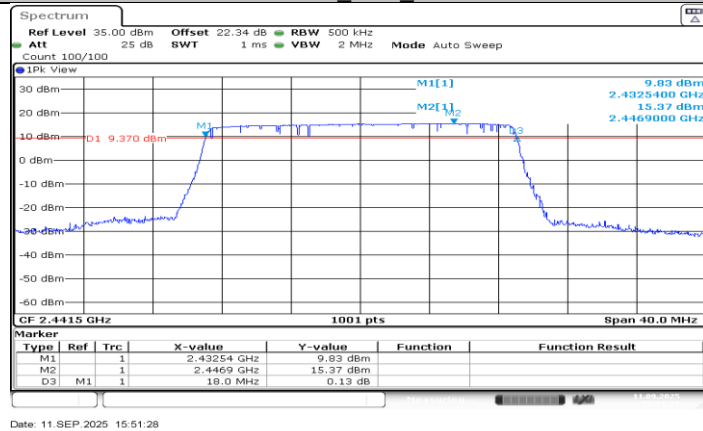
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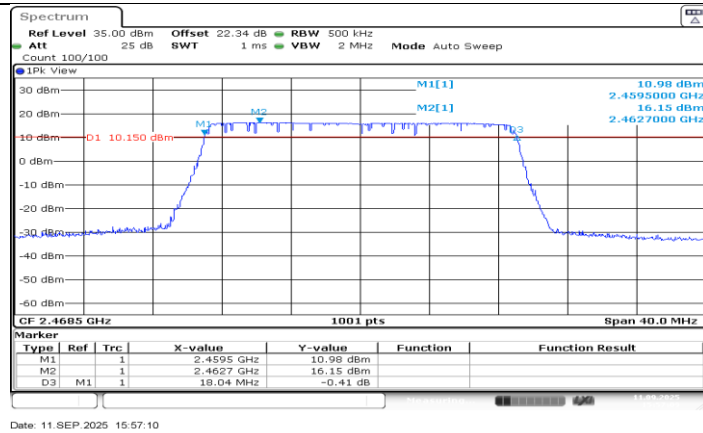
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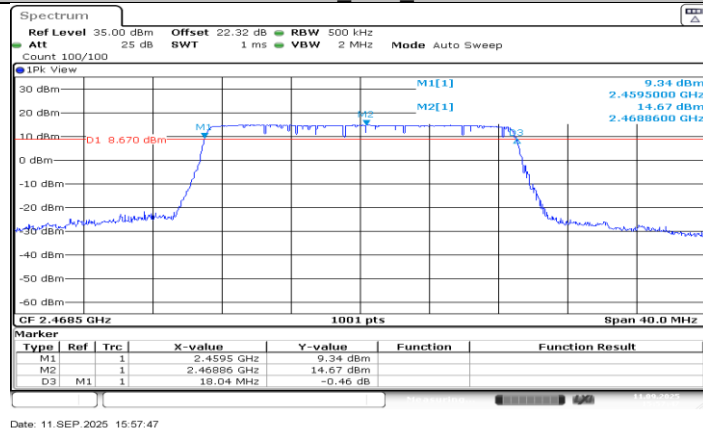
SRD 20M_Ant0_2441.5



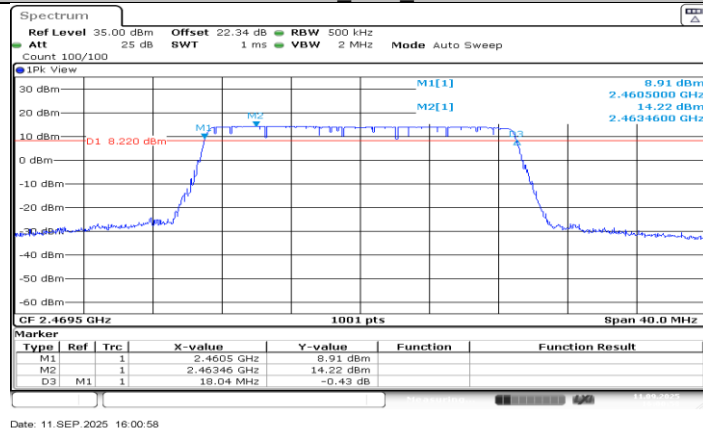
SRD 20M_Ant1_2441.5



SRD 20M_Ant0_2468.5



SRD 20M_Ant1_2468.5



SRD 20M_Ant0_2469.5