CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

DJI Neo

MODEL NUMBER: DN1A0626

REPORT NUMBER: 4791309859-RF-5

ISSUE DATE: May 28, 2024

FCC ID: SS3-DN1A062624

Prepared for

SZ DJI TECHNOLOGY CO., LTD
Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China.

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	May 28, 2024	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
On Time And Duty Cycle	ANSI C63.10-2013, Clause 12.2	None; for reporting purposes only.	Pass
6db AND 26db EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e)	Pass
Conducted Output Power	KDB 789033 D02 v02r01 Section E.3.a (Method PM)/KDB 789033 D02 v02r01 Section E.3.a (Method PM) Section E.2.d (Method SA-2)	FCC 15.407 (a)	Pass
Power Spectral Density	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a)	Pass
Ac Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2.	FCC 15.207	Pass
Radiated Emissions And Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
Frequency Stability	ANSI C63.10-2013,Clause 6.8	FCC 15.407 (g)	Pass
Antenna Requirement	/	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2)	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART E > when <Simple Acceptance> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	SZ DJI TECHNOLOGY CO., LTD
Address:	Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China.

Manufacturer Information

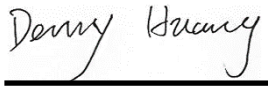
Company Name:	SZ DJI TECHNOLOGY CO., LTD
Address:	Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China.

EUT Information

EUT Name:	DJI Neo
Model:	DN1A0626
Brand Name:	DJI
Sample Received Date:	May 9, 2024
Sample ID:	7195485
Date of Tested:	May 10, 2024 to May 24, 2024

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

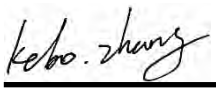
Prepared By:



Denny Huang

Senior Project Engineer

Checked By:



Kebo Zhang

Senior Project Engineer

Approved By:

Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART E, ANSI C63.10-2013, CFR 47 FCC Part 2, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01.

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.: G-20192, C-20153, T-20155 and R-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 D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155

Note 1:
All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of 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%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
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	DJI Neo
Model	DN1A0626

Radio Technology	SRD 5GHz
Operation Frequency	5.1 GHz 20 MHz Bandwidth (5180 MHz ~ 5240 MHz) 5.1 GHz 40 MHz Bandwidth (5170 MHz ~ 5230 MHz) 5.8 GHz 10 MHz Bandwidth (5730.5 MHz ~ 5844.5 MHz) 5.8 GHz 20 MHz Bandwidth (5735.5 MHz ~ 5839.5 MHz) 5.8 GHz 40 MHz Bandwidth (5745.5 MHz ~ 5829.5 MHz) 5.8 GHz 60 MHz Bandwidth (5755.5 MHz ~ 5819.5 MHz) 5.8 GHz 80 MHz Bandwidth (5765.5 MHz ~ 5809.5 MHz)
Modulation	OFDM (QPSK, 16QAM, 64QAM)
Battery	DC 7.3 V
Power Supply	DC 5 V

5.2. MAXIMUM OUTPUT POWER

UNII-1 BAND

SRD 5GHz	Frequency (MHz)	Maximum Average Conducted Power (dBm)
20 MHz Mode	5150 ~ 5250	18.68
40 MHz Mode		18.99

UNII-3 BAND

SRD 5GHz	Frequency (MHz)	Maximum Average Conducted Power (dBm)
10 MHz Mode	5725 ~ 5850	23.22
20 MHz Mode		23.11
40 MHz Mode		22.85
60 MHz Mode		20.36
80 MHz Mode		20.53

5.3. CHANNEL LIST

5.1 GHz 20 MHz Bandwidth (5180 MHz ~ 5240 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5180	2	5200	3	5220	4	5240

5.1 GHz 40 MHz Bandwidth (5170 MHz ~ 5230 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5170	2	5190	3	5210	4	5230

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

26	5755.5	55	5784.5	84	5813.5	113	5842.5
27	5756.5	56	5785.5	85	5814.5	114	5843.5
28	5757.5	57	5786.5	86	5815.5	115	5844.5
29	5758.5	58	5787.5	87	5816.5	/	/

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

5.8 GHz 40 MHz Bandwidth (5745.5 MHz ~ 5829.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)

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

5.8 GHz 60 MHz Bandwidth (5755.5 MHz ~ 5819.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5755.5	18	5772.5	35	5789.5	52	5806.5
2	5756.5	19	5773.5	36	5790.5	53	5807.5
3	5757.5	20	5774.5	37	5791.5	54	5808.5
4	5758.5	21	5775.5	38	5792.5	55	5809.5
5	5759.5	22	5776.5	39	5793.5	56	5810.5
6	5760.5	23	5777.5	40	5794.5	57	5811.5
7	5761.5	24	5778.5	41	5795.5	58	5812.5
8	5762.5	25	5779.5	42	5796.5	59	5813.5
9	5763.5	26	5780.5	43	5797.5	60	5814.5
10	5764.5	27	5781.5	44	5798.5	61	5815.5
11	5765.5	28	5782.5	45	5799.5	62	5816.5
12	5766.5	29	5783.5	46	5800.5	63	5817.5
13	5767.5	30	5784.5	47	5801.5	64	5818.5
14	5768.5	31	5785.5	48	5802.5	65	5819.5

15	5769.5	32	5786.5	49	5803.5	/	/
16	5770.5	33	5787.5	50	5804.5	/	/
17	5771.5	34	5788.5	51	5805.5	/	/

5.8 GHz 80 MHz Bandwidth (5765.5 MHz ~ 5809.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5765.5	13	5777.5	25	5789.5	37	5801.5
2	5766.5	14	5778.5	26	5790.5	38	5802.5
3	5767.5	15	5779.5	27	5791.5	39	5803.5
4	5768.5	16	5780.5	28	5792.5	40	5804.5
5	5769.5	17	5781.5	29	5793.5	41	5805.5
6	5770.5	18	5782.5	30	5794.5	42	5806.5
7	5771.5	19	5783.5	31	5795.5	43	5807.5
8	5772.5	20	5784.5	32	5796.5	44	5808.5
9	5773.5	21	5785.5	33	5797.5	45	5809.5
10	5774.5	22	5786.5	34	5798.5	/	/
11	5775.5	23	5787.5	35	5799.5	/	/
12	5776.5	24	5788.5	36	5800.5	/	/

5.4. TEST CHANNEL CONFIGURATION

SRD 5 GHz	Test Channel Number	Frequency
20 MHz Mode	CH 1(Low Channel), CH 2(MID Channel), CH 4(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
40 MHz Mode	CH 1(Low Channel), CH 2(MID Channel), CH 4(High Channel)	5170 MHz, 5190 MHz, 5230 MHz
10 MHz Mode	CH 1(Low Channel), CH 58(MID Channel), CH 115(High Channel)	5730.5 MHz, 5787.5 MHz, 5844.5 MHz
20 MHz Mode	CH 1(Low Channel), CH 53(MID Channel), CH 105(High Channel)	5735.5 MHz, 5787.5 MHz, 5839.5 MHz
40 MHz Mode	CH 1(Low Channel), CH 43(MID Channel), CH 85(High Channel)	5745.5 MHz, 5787.5 MHz, 5829.5 MHz
60 MHz Mode	CH 1(Low Channel), CH 23(MID Channel), CH 65(High Channel)	5755.5 MHz, 5787.5 MHz, 5819.5 MHz
80 MHz Mode	CH 1(Low Channel), CH 23(MID Channel), CH 45(High Channel)	5765.5 MHz, 5787.5 MHz, 5809.5 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 5170 ~ 5240 MHz/ 5728.5 ~ 5848.12 MHz Band				
Test Software		DjiSRDConsole		
Modulation Mode	Transmit Antenna Number	Test Software setting value		
		NCB: 10 MHz/20 MHz/40 MHz/60 MHz /80 MHz		
		Low Channel	MID Channel	High Channel
All	0	Default	Default	Default
All	1	Default	Default	Default

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)
0	5170 ~ 5240	Dipole	1.20
1	5170 ~ 5240	Dipole	1.03

Antenna	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)
0	5728.5 ~ 5848.12	Dipole	2.63
1	5728.5 ~ 5848.12	Dipole	3.24

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

Note: 1. The value of the antenna gain was declared by customer.
2. The EUT doesn't support MIMO mode.
3. Only SRD 2.4 GHz and 5 GHz WiFi can transmit simultaneously.

5.7. THE WORSE CASE CONFIGURATIONS

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

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

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

SRD 5 GHz-10 MHz Mode/QPSK
SRD 5 GHz-20 MHz Mode/QPSK
SRD 5 GHz-40 MHz Mode/QPSK
SRD 5 GHz-60 MHz Mode/QPSK
SRD 5 GHz-80 MHz Mode/QPSK

The EUT has 2 separate antennas which correspond to 2 separate antenna ports, core ANT 0, core ANT 1 antenna 0, antenna 1 respectively, the EUT only support 1TX 2RX mode, all modes had been tested, but only the worst data was recorded in the report.

5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	Lenovo	E42-80	/
2	Adapter Power	DJI	PD-65CN	Input: AC 100 ~ 240 V, 50/60 Hz, 2.0 A Output: DC 5 V, 5 A

I/O CABLES

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

ACCESSORIES

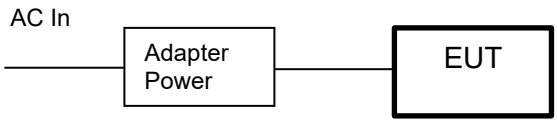
Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

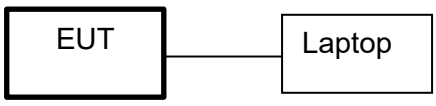
The EUT can work in engineering mode with a software through a laptop.

SETUP DIAGRAM FOR TESTS

For AC Power Line Conducted Emission Test:



For Others 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	Mar.25,2024	Mar.24,2025
Vector Signal Generator	R&S	SMBV100A	261637	Oct.12, 2023	Oct.11, 2024
Signal Generator	R&S	SMB100A	178553	Oct.12, 2023	Oct.11, 2024
Signal Analyzer	R&S	FSV40	101118	Oct.12, 2023	Oct.11, 2024
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
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Oct.12, 2023	Oct.11, 2024
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Oct.12, 2023	Oct.11, 2024
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Oct.12, 2023	Oct.11, 2024
Attenuator	Aglient	8495B	2814a12853	Oct.12, 2023	Oct.11, 2024
RF Control Unit	Tonscend	JS0806-2	23B80620666	Mar.25,2024	Mar.24,2025
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	Oct.13, 2023	Oct.12, 2024
Two-Line V-Network	R&S	ENV216	101983	Oct.13, 2023	Oct.12, 2024
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Oct.13, 2023	Oct.12, 2024
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	Oct.12, 2023	Oct.11, 2024
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Aug.02, 2021	Aug.01, 2024
Preamplifier	HP	8447D	2944A09099	Oct.12, 2023	Oct.11, 2024
EMI Measurement Receiver	R&S	ESR26	101377	Oct.12, 2023	Oct.11, 2024
Horn Antenna	TDK	HRN-0118	130940	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.12, 2023	Oct.11, 2024
Horn Antenna	Schwarzbeck	BBHA9170	697	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.12, 2023	Oct.11, 2024
Preamplifier	TDK	PA-02-3	TRS-308-00002	Oct.12, 2023	Oct.11, 2024
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Oct.12, 2023	Oct.11, 2024
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Oct.12, 2023	Oct.11, 2024
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Oct.12, 2023	Oct.11, 2024
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Oct.12, 2023	Oct.11, 2024
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

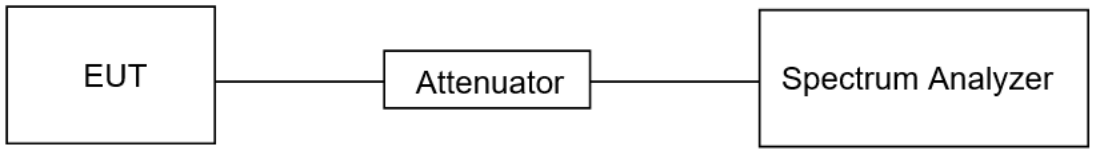
None; for reporting purposes only.

TEST PROCEDURE

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	57 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix G

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

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	For reporting purposes only.	5150 ~ 5250
6 dB Emission Bandwidth	The minimum 6 dB emission bandwidth shall be 500 kHz.	5725 ~ 5850
99 % Occupied Bandwidth	For reporting purposes only.	5150 ~ 5825 (For ISED)

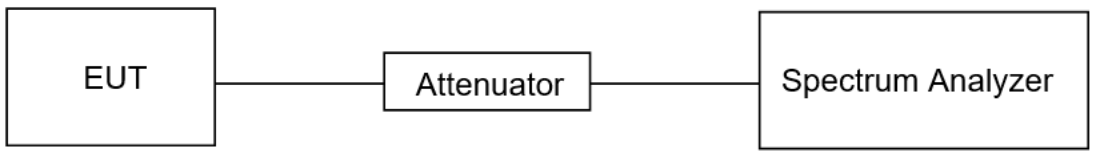
TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.C2. for 6 dB Emission Bandwidth; section II.D. for 99 % Occupied Bandwidth.
Connect the EUT to the spectrum analyzer and use the following settings:

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

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.
b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6/26 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	57 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

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

7.3. OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm) ☐ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☒ Client Devices: 250 mW (24 dBm)	5150 ~ 5250
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

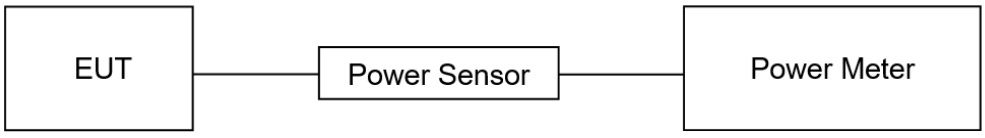
Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

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

Method PM (Measurement using an RF average power meter):
(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25 %).

TEST SETUP



TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	57 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☐ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☒ Client Devices: 11 dBm/MHz	5150 ~ 5250
	30 dBm/500kHz	5725 ~ 5850

Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

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

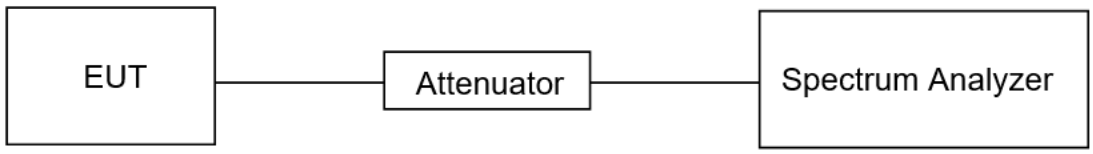
Connect the EUT to the spectrum analyzer and use the following settings:

For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow trace to fully stabilize and Use the peak search function on the instrument to find the peak of the spectrum and record its value.
Add 10 log (1/x), where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz / 500 kHz reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	57 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.5. FREQUENCY STABILITY

LIMITS

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

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 40 °C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

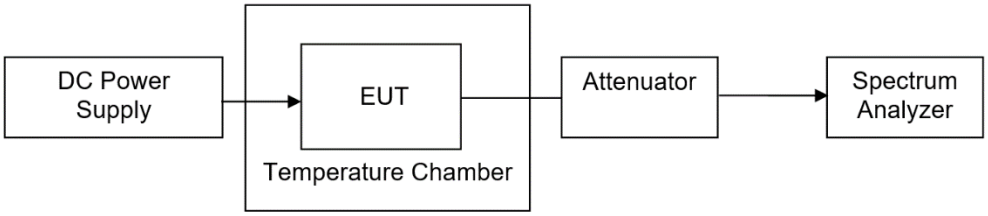
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T_N (Normal Temperature): 25.1 °C	T_L (Low Temperature): 0 °C
		T_H (High Temperature): 40 °C
Supply Voltage	V_N (Normal Voltage): DC 7.3 V	V_L (Low Voltage): DC 6.222 V
		V_H (High Voltage): DC 8.481 V

TEST SETUP



TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	57 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix F

8. RADIATED TEST RESULTS

LIMITS

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

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

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

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

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

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

Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b) and ISED RSS-247 6.2.

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

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 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 C63.10-2013 clause 6.5.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5 m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1. ON TIME AND DUTY CYCLE.

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. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. 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, channels and antennas have been tested, 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, channels and antennas have been tested, only the worst data was recorded in the report.

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, channels and antennas have been tested, only the worst data was recorded in the report.

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

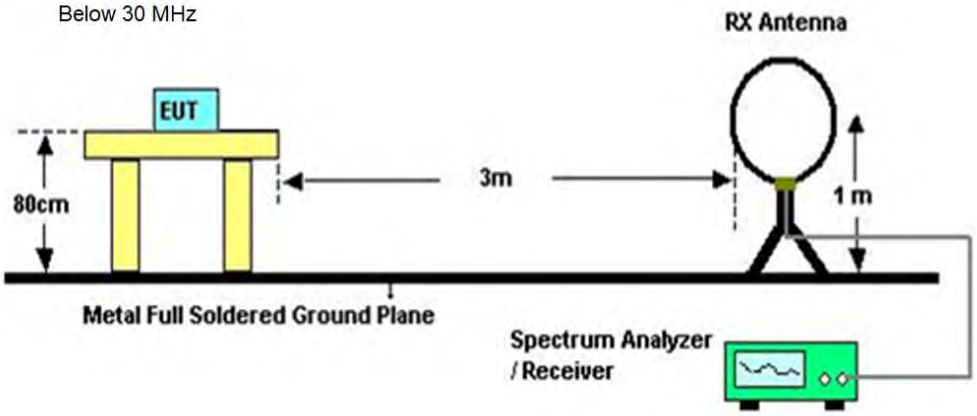
For Radiate Spurious Emission (7 GHz ~ 18 GHz):
Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.
9. All modes, channels and antennas have been tested, 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, channels and antennas have been tested, only the worst data was recorded in the report.

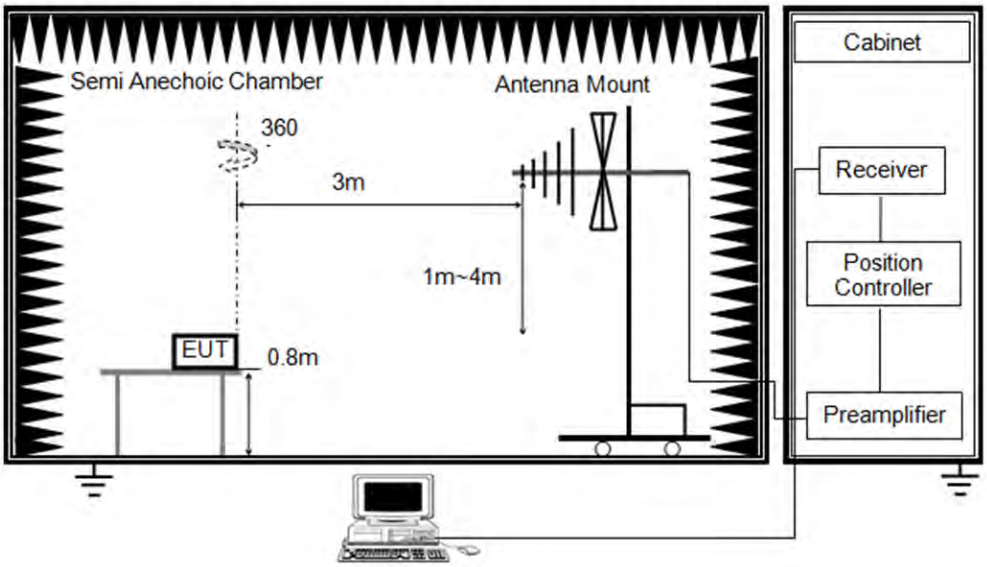
For Radiate Spurious emission (26 GHz ~ 40 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

TEST SETUP

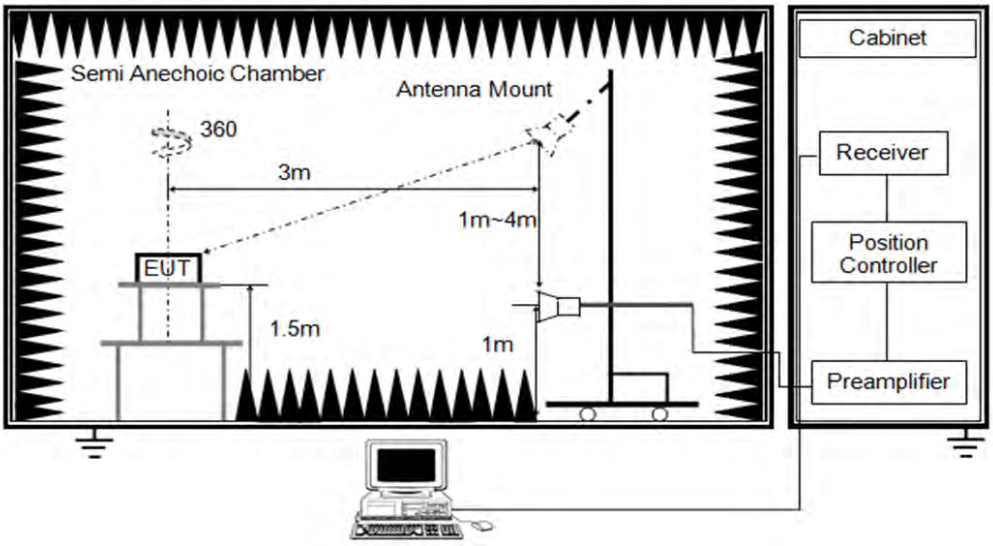
Below 30 MHz



Below 1 GHz and above 30 MHz



Above 1 GHz



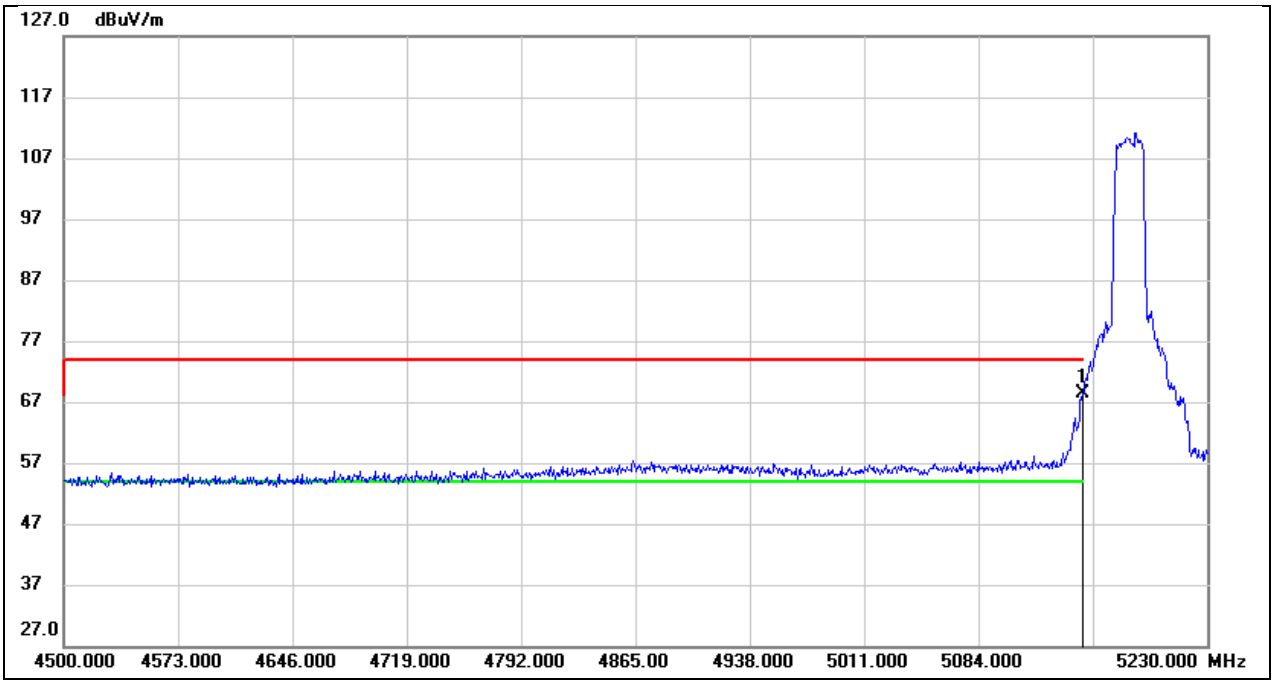
TEST ENVIRONMENT

Temperature	25.3 °C	Relative Humidity	59 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

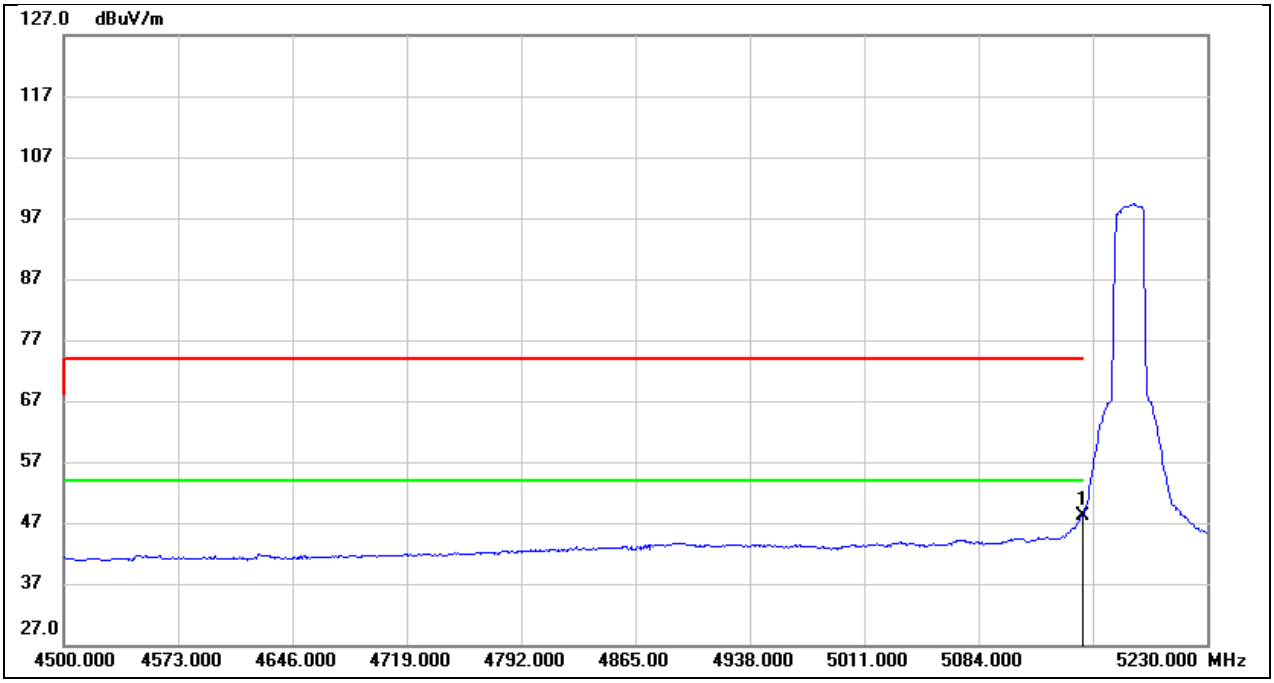
8.1. RESTRICTED BANDEDGE

Test Mode:	SRD 20MHz PK	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



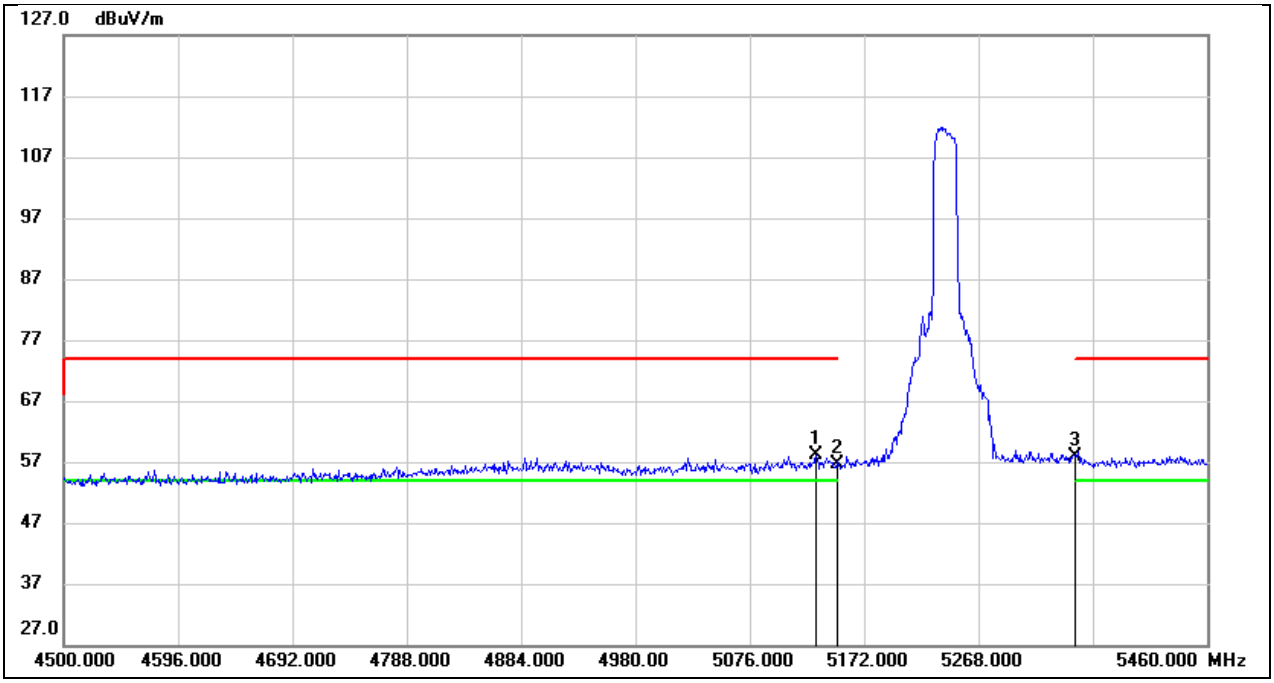
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	28.14	40.21	68.35	74.00	-5.65	peak

Test Mode:	SRD 20MHz AV	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



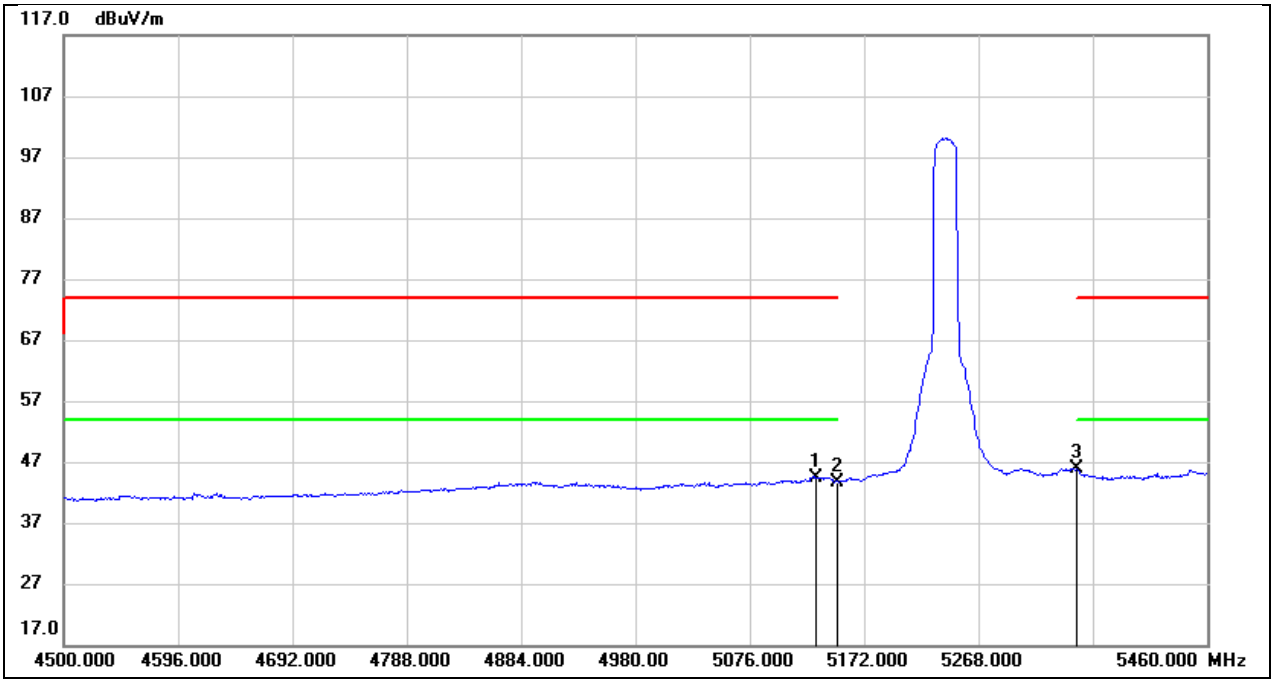
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.93	40.21	48.14	54.00	-5.86	AVG

Test Mode:	SRD 20MHz PK	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



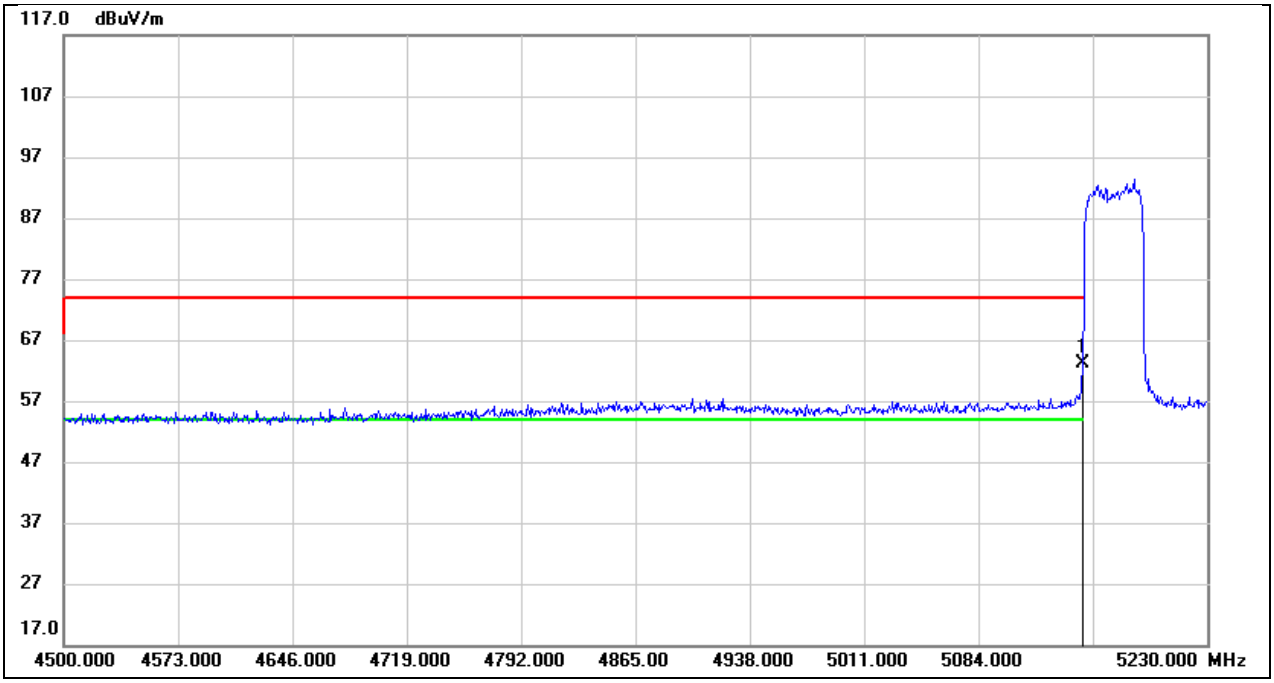
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5131.680	17.92	40.14	58.06	74.00	-15.94	peak
2	5150.000	16.37	40.21	56.58	74.00	-17.42	peak
3	5350.000	17.42	40.46	57.88	74.00	-16.12	peak

Test Mode:	SRD 20MHz AV	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



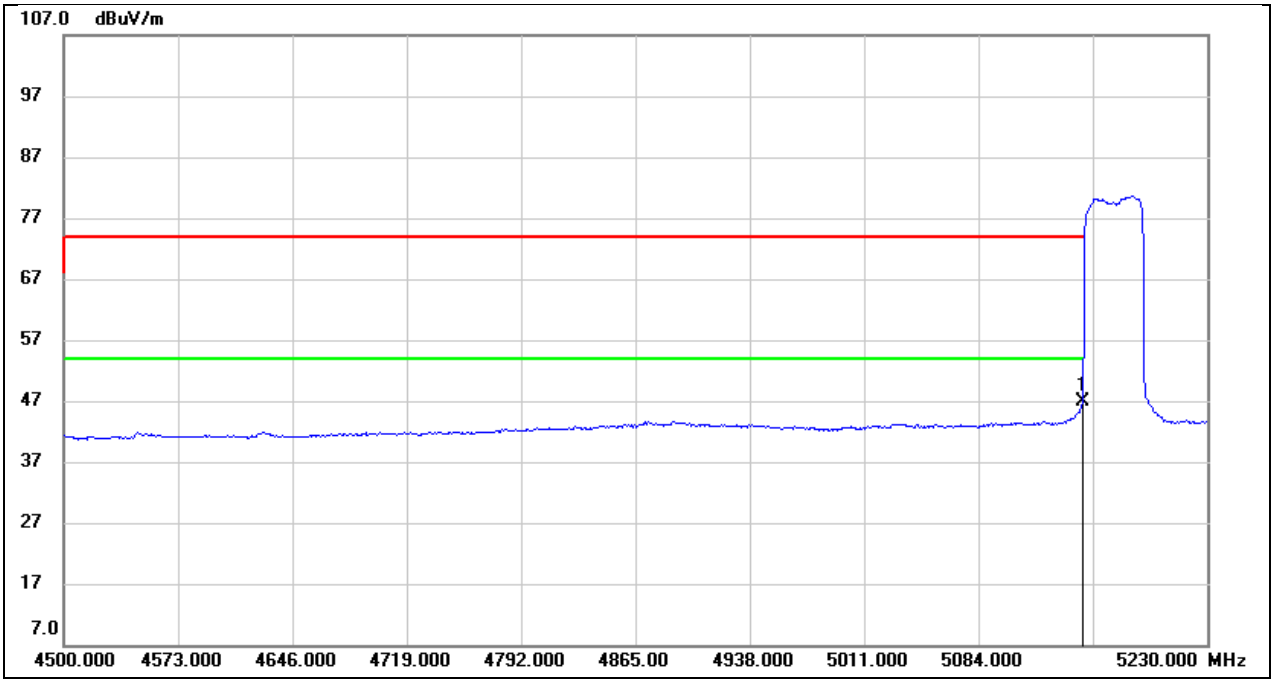
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5131.680	4.29	40.14	44.43	54.00	-9.57	AVG
2	5150.000	3.49	40.21	43.70	54.00	-10.30	AVG
3	5350.000	5.34	40.46	45.80	54.00	-8.20	AVG

Test Mode:	SRD 40MHz PK	Frequency(MHz):	5170
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



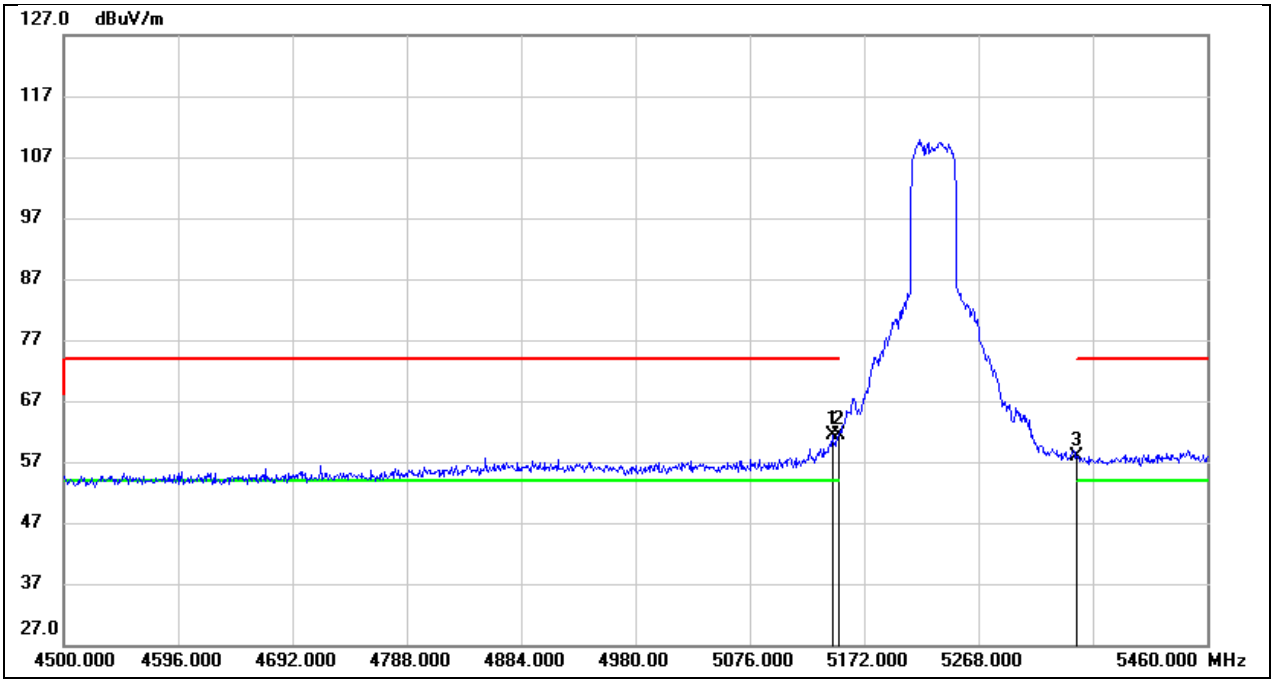
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	23.02	40.21	63.23	74.00	-10.77	peak

Test Mode:	SRD 40MHz AV	Frequency(MHz):	5170
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



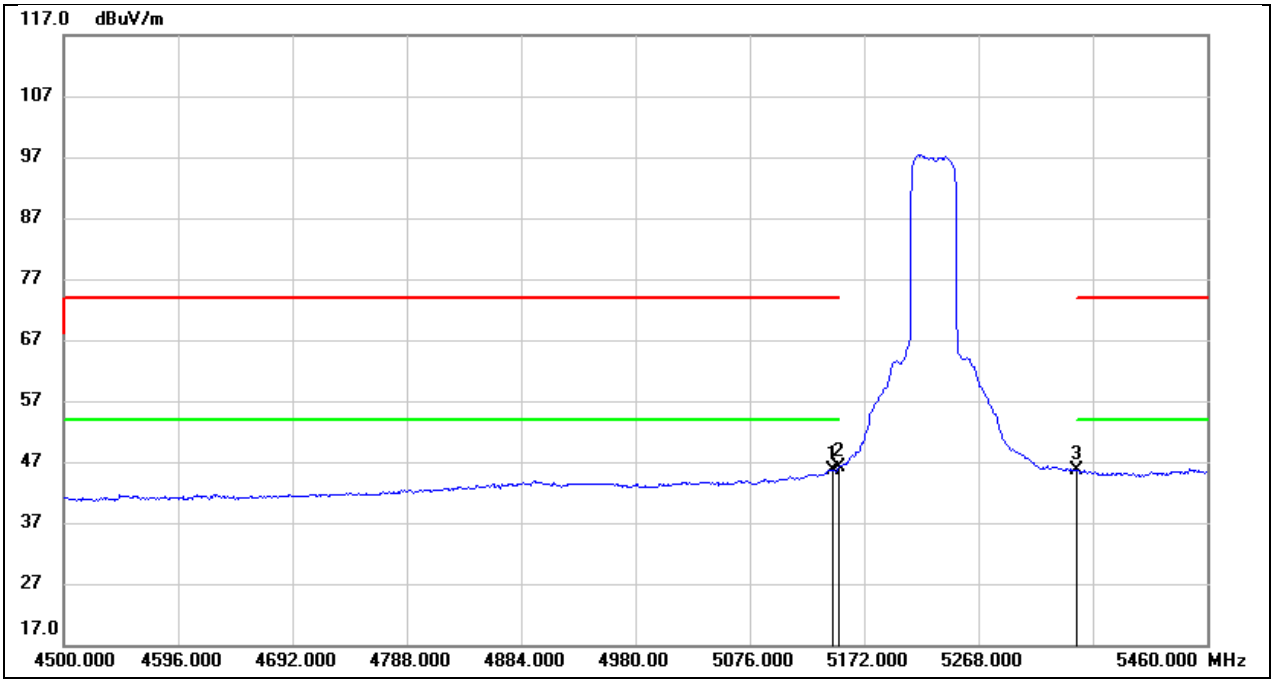
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	6.56	40.21	46.77	54.00	-7.23	AVG

Test Mode:	SRD 40MHz PK	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



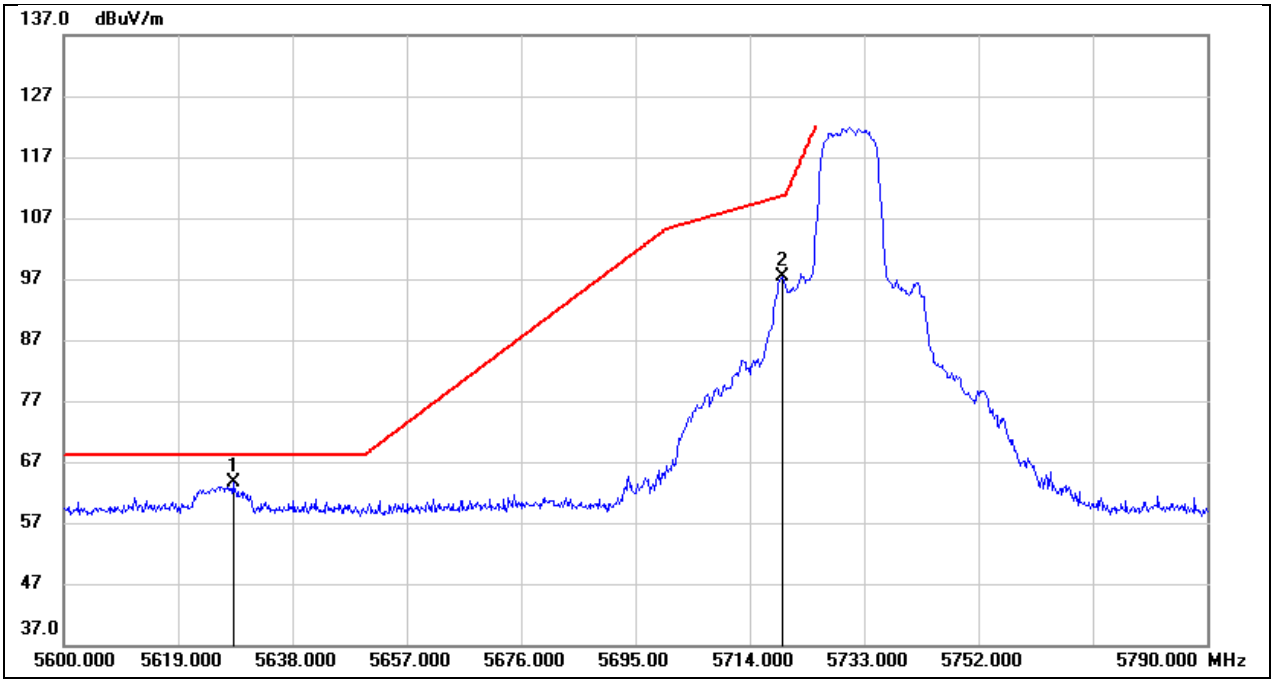
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.120	21.13	40.19	61.32	74.00	-12.68	peak
2	5150.000	21.10	40.21	61.31	74.00	-12.69	peak
3	5350.000	17.48	40.46	57.94	74.00	-16.06	peak

Test Mode:	SRD 40MHz AV	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



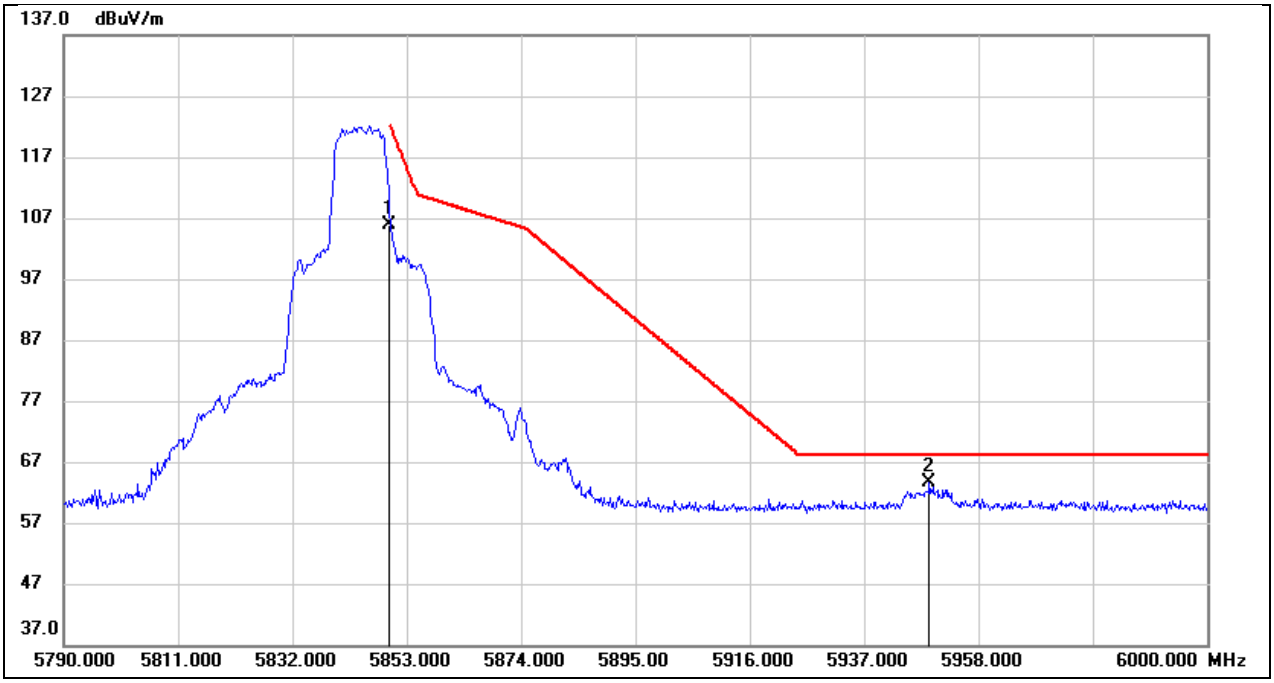
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.120	5.47	40.19	45.66	54.00	-8.34	AVG
2	5150.000	5.98	40.21	46.19	54.00	-7.81	AVG
3	5350.000	5.29	40.46	45.75	54.00	-8.25	AVG

Test Mode:	SRD 10MHz PK	Frequency(MHz):	5730.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



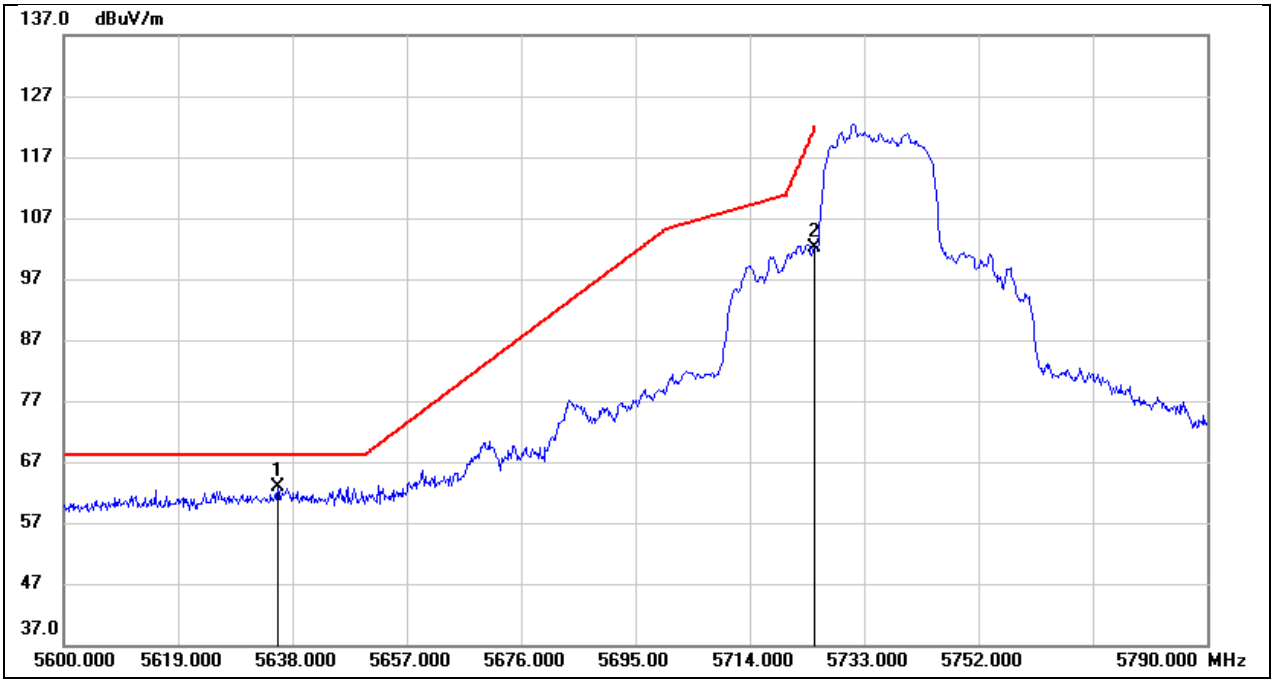
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5628.120	22.32	41.36	63.68	68.20	-4.52	peak
2	5719.320	56.14	41.24	97.38	110.61	-13.23	peak

Test Mode:	SRD 10MHz PK	Frequency(MHz):	5844.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



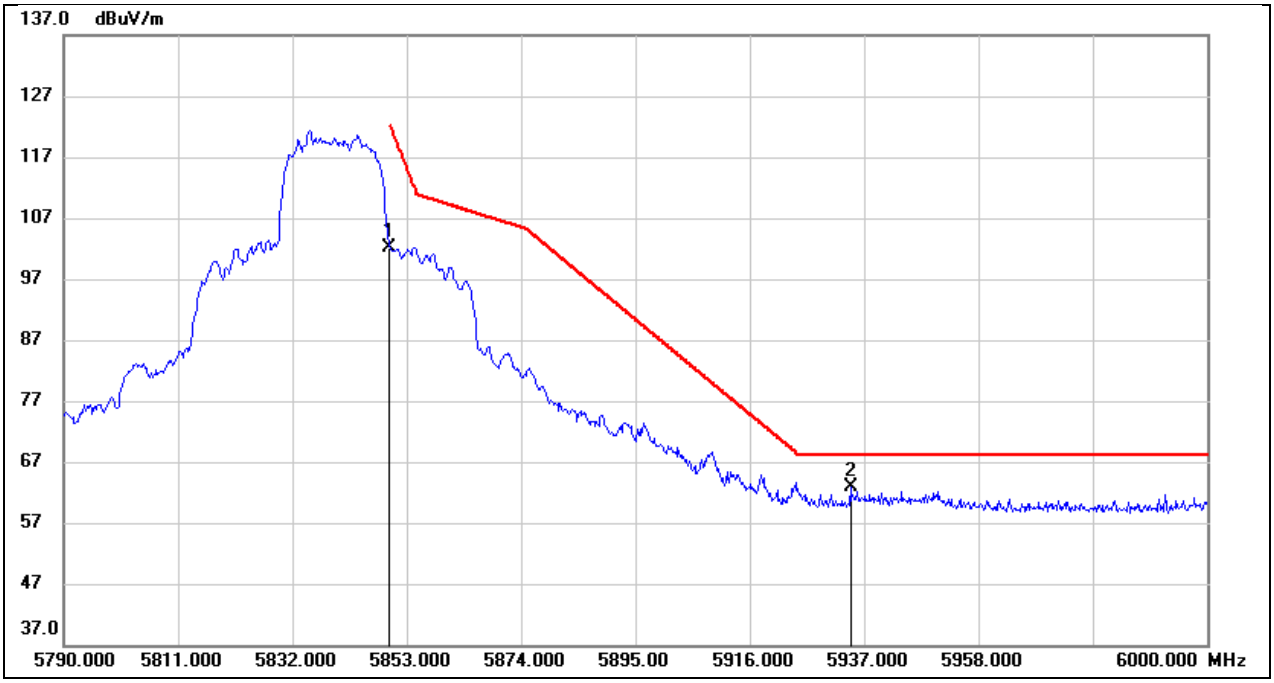
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	64.53	41.37	105.90	122.20	-16.30	peak
2	5948.970	21.78	41.82	63.60	68.20	-4.60	peak

Test Mode:	SRD 20MHz PK	Frequency(MHz):	5735.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



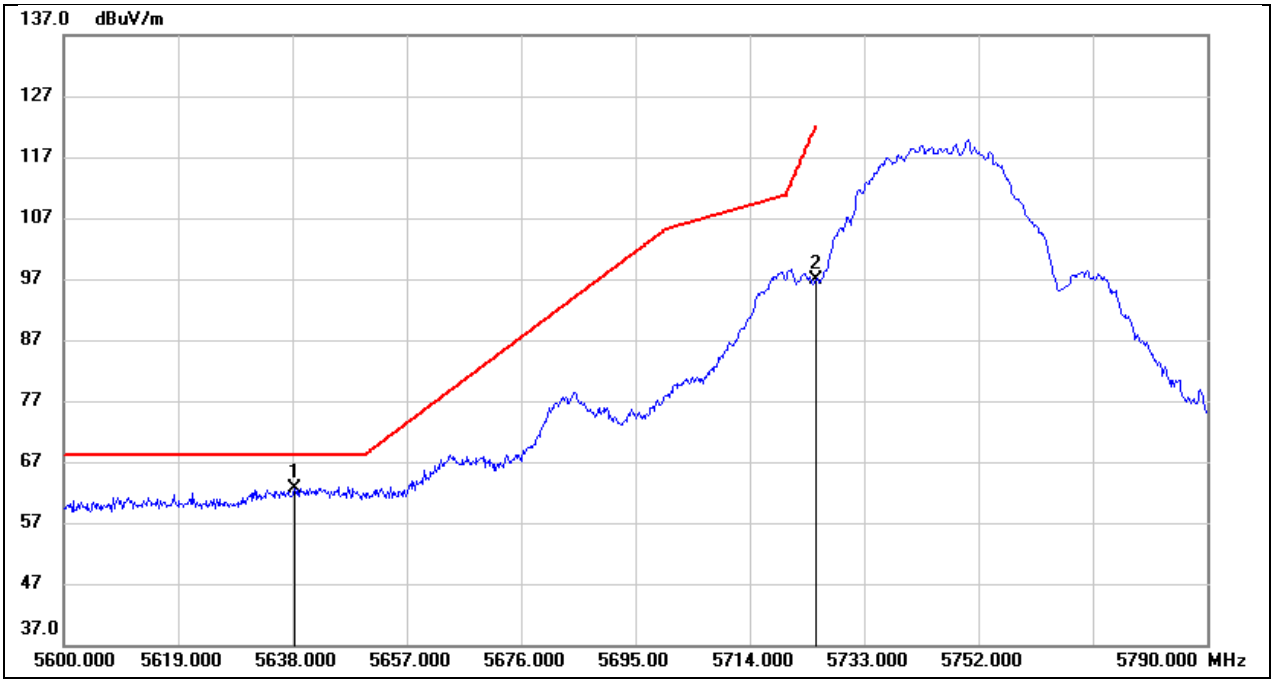
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.530	21.61	41.35	62.96	68.20	-5.24	peak
2	5725.000	60.80	41.24	102.04	122.20	-20.16	peak

Test Mode:	SRD 20MHz PK	Frequency(MHz):	5839.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



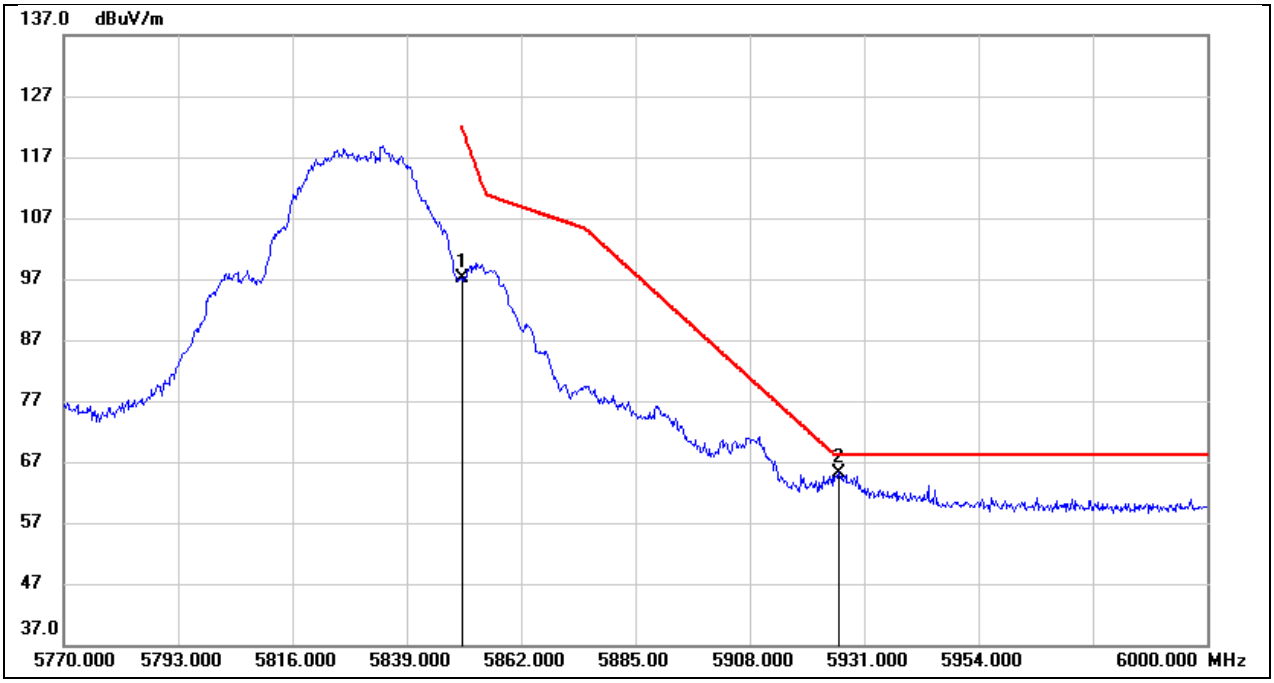
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	60.68	41.37	102.05	122.20	-20.15	peak
2	5934.480	21.06	41.75	62.81	68.20	-5.39	peak

Test Mode:	SRD 40MHz PK	Frequency(MHz):	5745.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



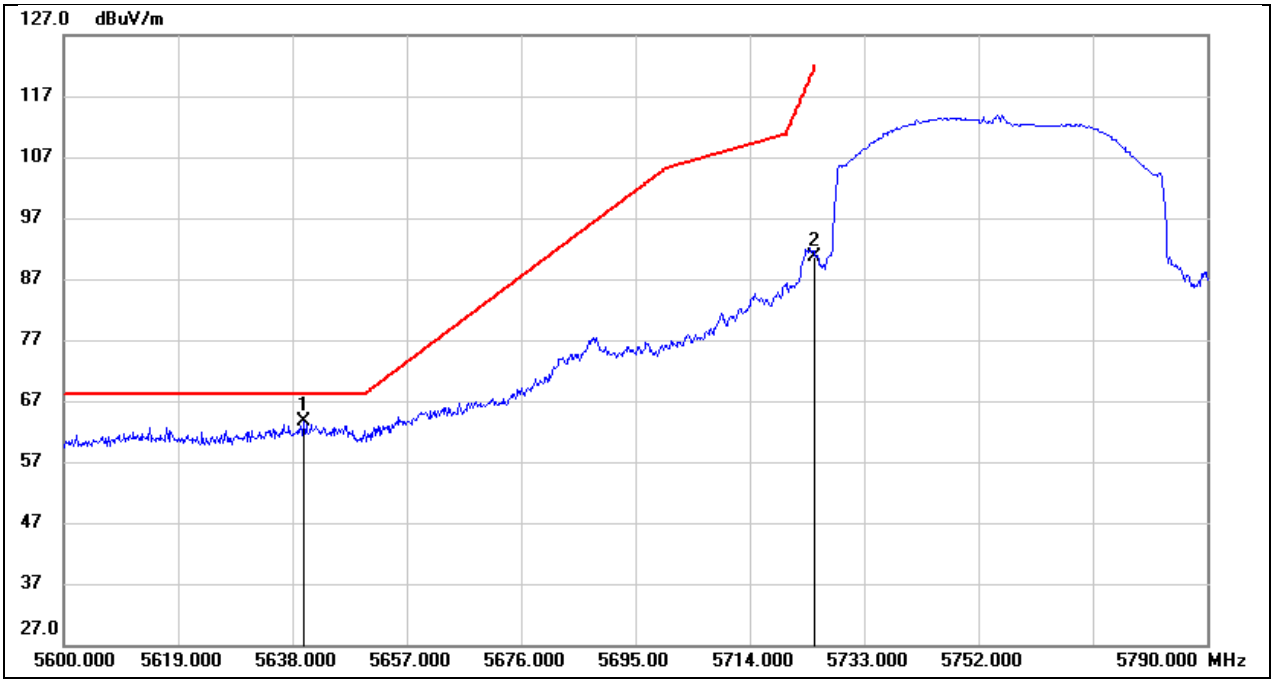
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.380	21.30	41.34	62.64	68.20	-5.56	peak
2	5725.000	55.71	41.24	96.95	122.20	-25.25	peak

Test Mode:	SRD 40MHz PK	Frequency(MHz):	5829.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



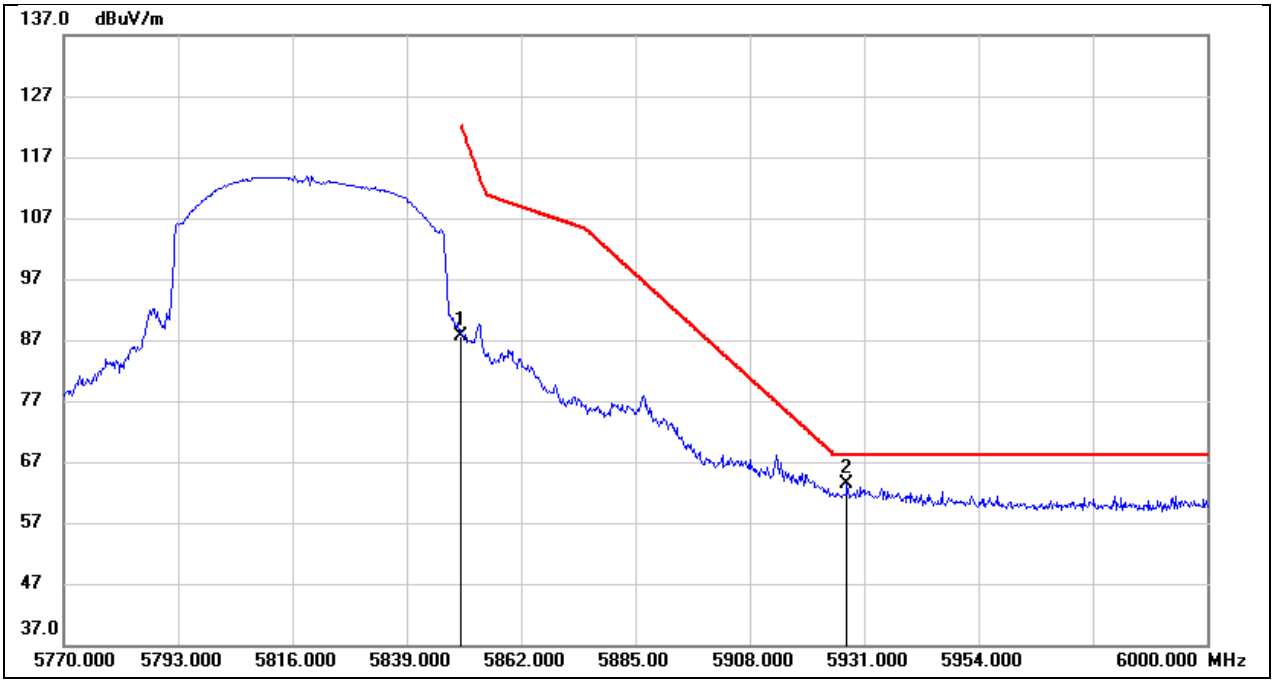
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	55.79	41.37	97.16	122.20	-25.04	peak
2	5925.940	23.53	41.72	65.25	68.20	-2.95	peak

Test Mode:	SRD 60MHz PK	Frequency(MHz):	5755.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



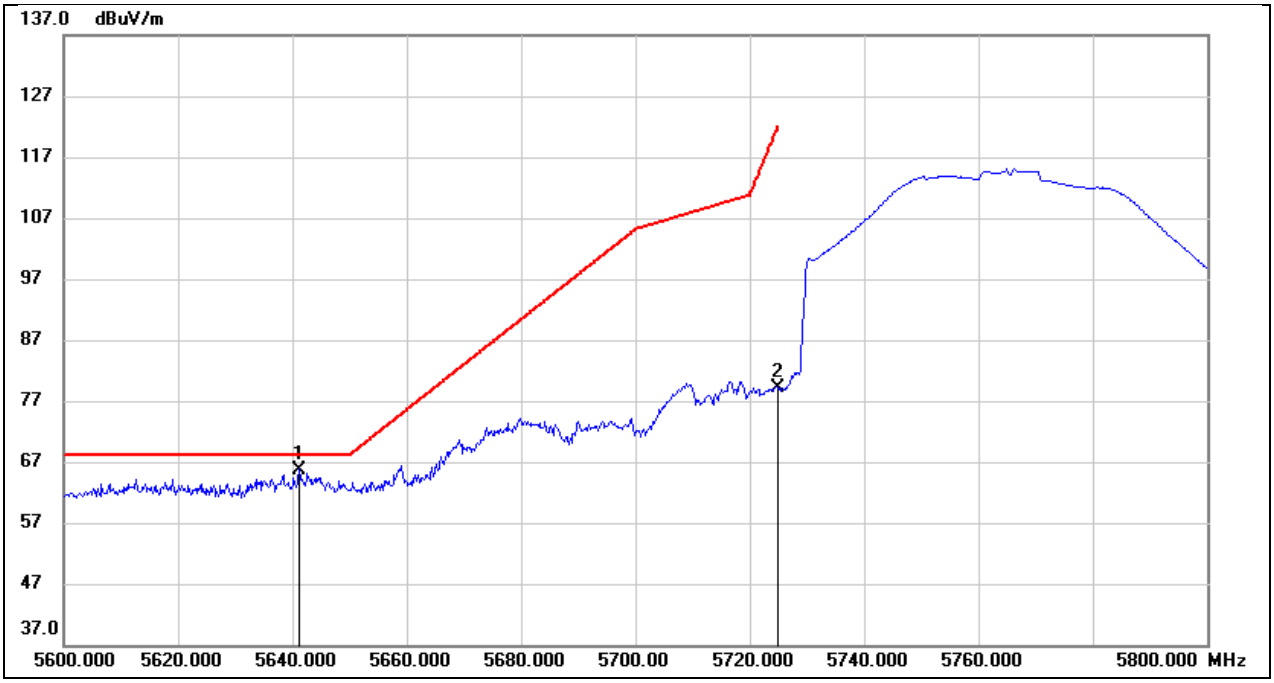
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5639.900	22.20	41.34	63.54	68.20	-4.66	peak
2	5725.000	49.44	41.24	90.68	122.20	-31.52	peak

Test Mode:	SRD 60MHz PK	Frequency(MHz):	5819.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



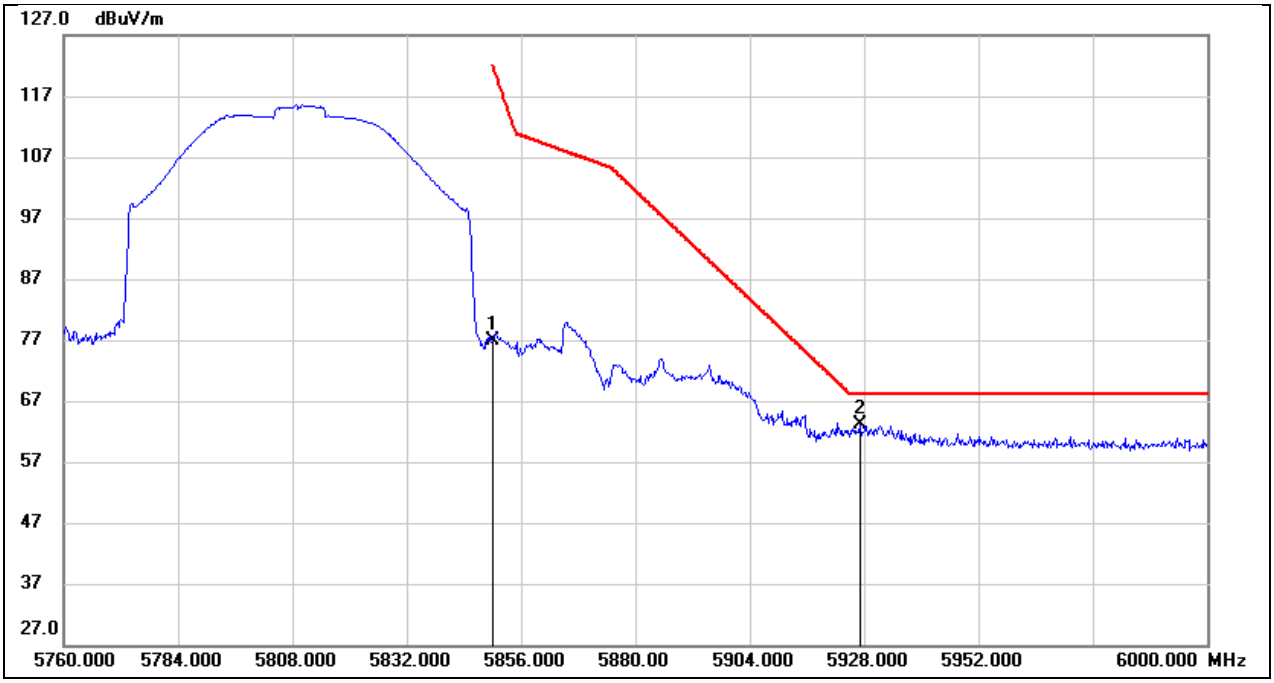
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	46.31	41.37	87.68	122.20	-34.52	peak
2	5927.550	21.55	41.72	63.27	68.20	-4.93	peak

Test Mode:	SRD 80MHz PK	Frequency(MHz):	5765.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5641.200	24.41	41.34	65.75	68.20	-2.45	peak
2	5725.000	37.78	41.24	79.02	122.20	-43.18	peak

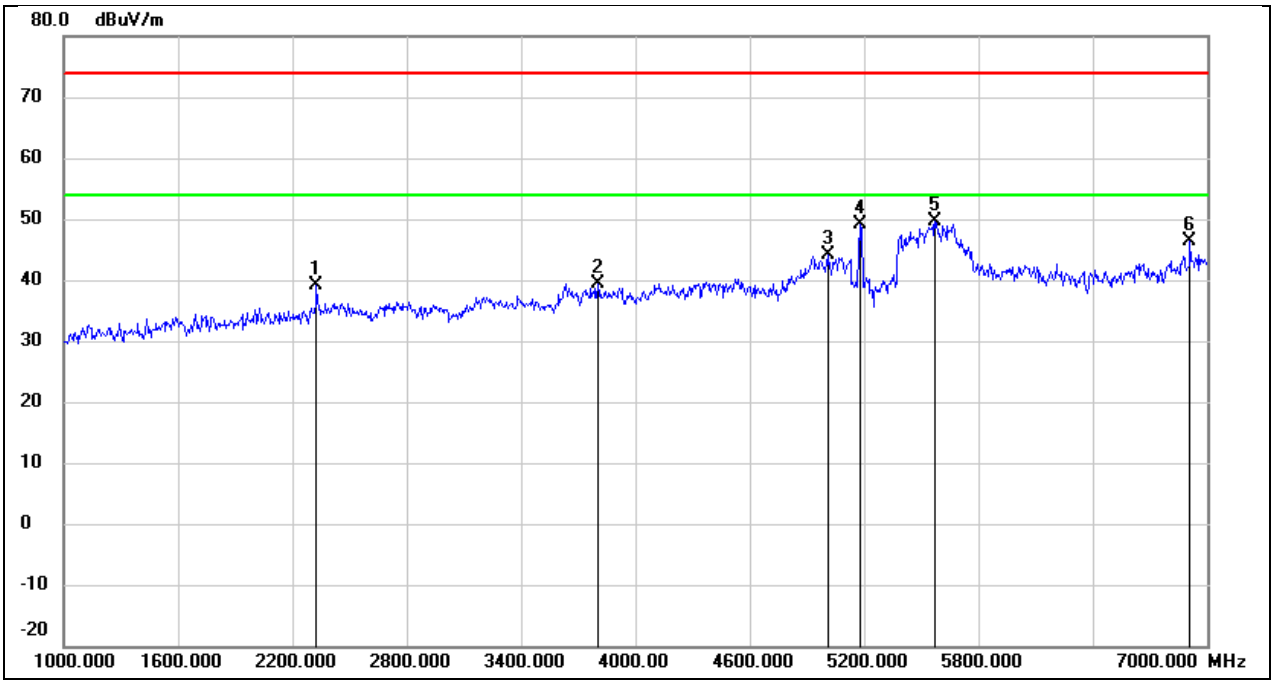
Test Mode:	SRD 80MHz PK	Frequency(MHz):	5809.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	35.45	41.37	76.82	122.20	-45.38	peak
2	5927.040	21.34	41.72	63.06	68.20	-5.14	peak

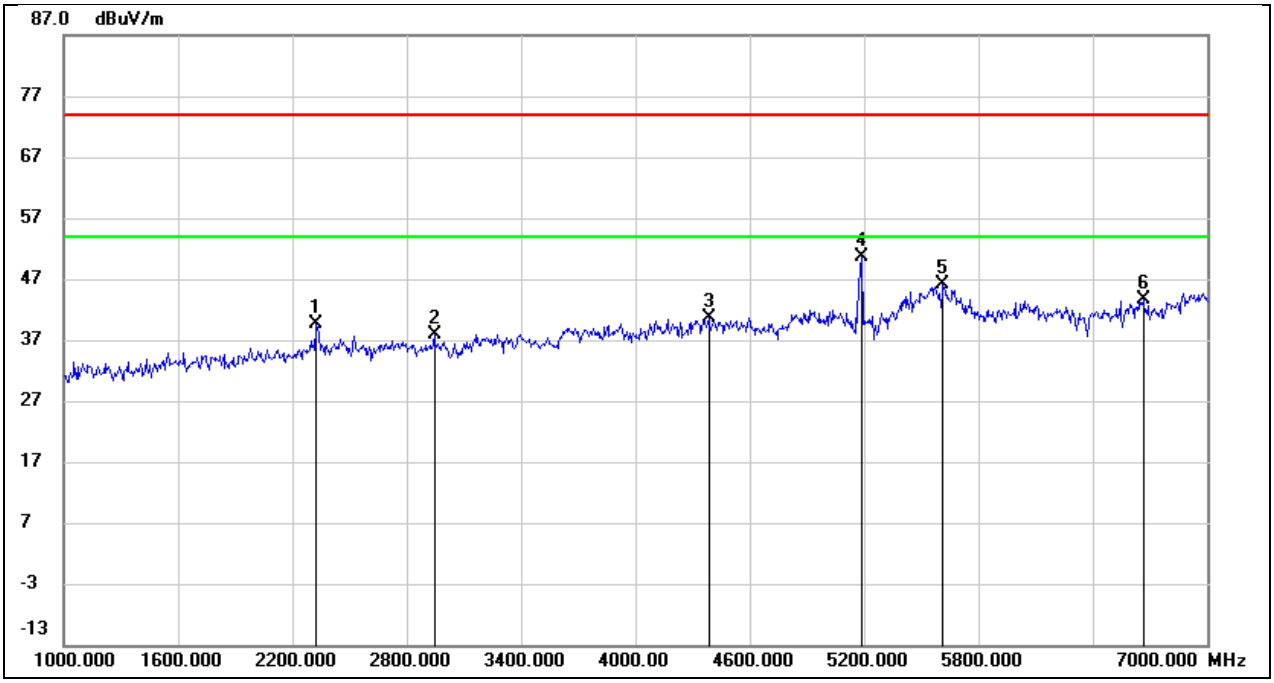
8.2. SPURIOUS EMISSIONS (1 GHZ ~ 7 GHZ)

Test Mode:	SRD 20MHz	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



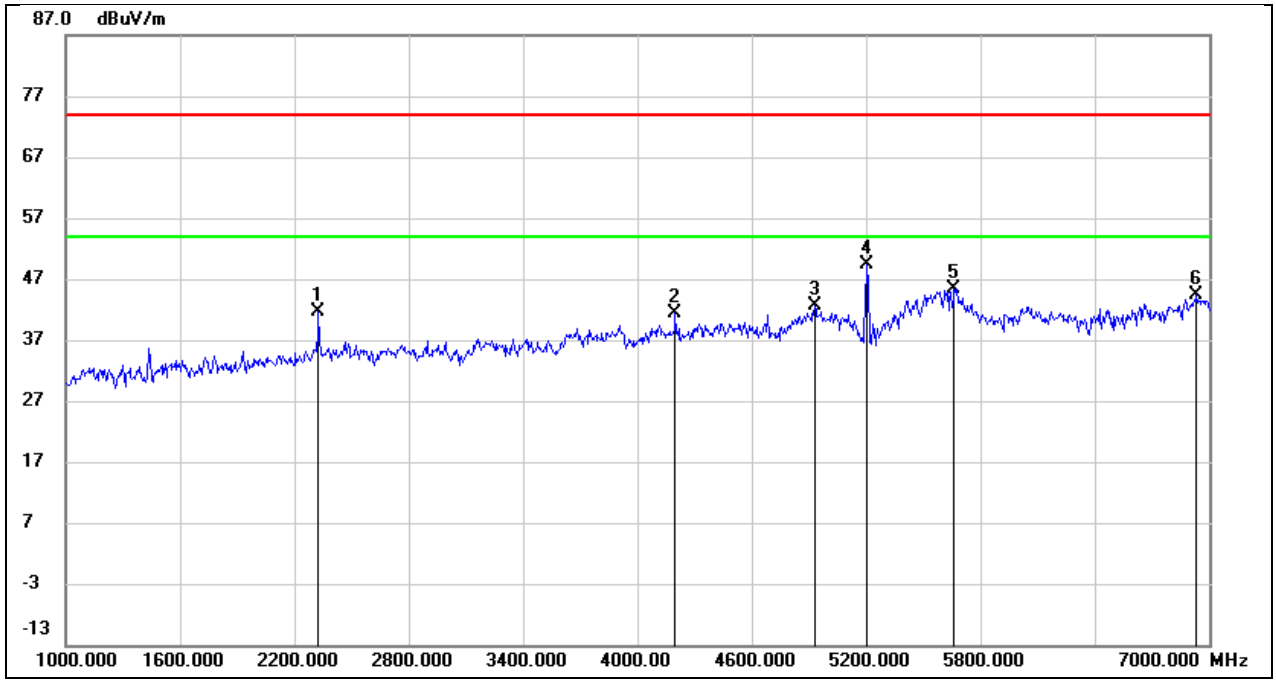
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	47.17	-7.94	39.23	74.00	-34.77	peak
2	3802.000	42.15	-2.79	39.36	74.00	-34.64	peak
3	5008.000	43.23	0.81	44.04	74.00	-29.96	peak
4	5180.000	47.88	1.29	49.17	/	/	Fundamental
5	5572.000	46.62	3.00	49.62	74.00	-24.38	peak
6	6910.000	40.12	6.18	46.30	74.00	-27.70	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 7.3 V



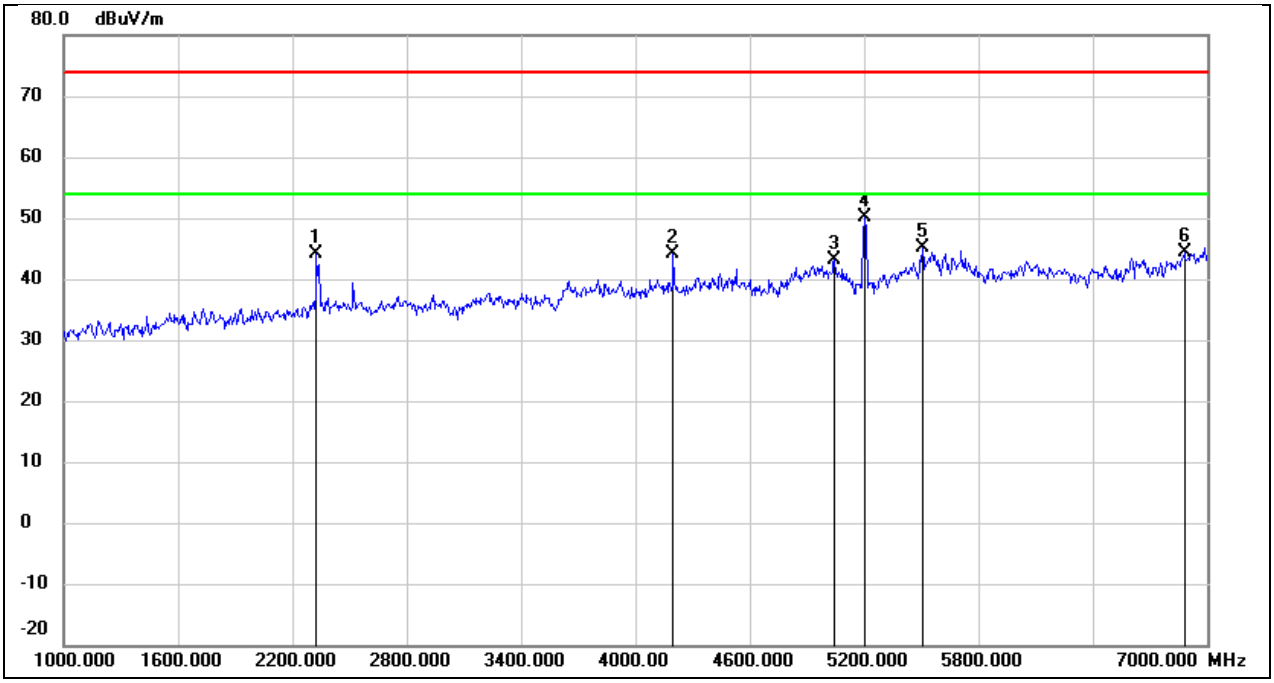
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	47.56	-7.94	39.62	74.00	-34.38	peak
2	2944.000	44.08	-6.14	37.94	74.00	-36.06	peak
3	4384.000	42.12	-1.49	40.63	74.00	-33.37	peak
4	5180.000	49.32	1.33	50.65	/	/	Fundamental
5	5614.000	42.94	3.12	46.06	74.00	-27.94	peak
6	6664.000	38.91	4.78	43.69	74.00	-30.31	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



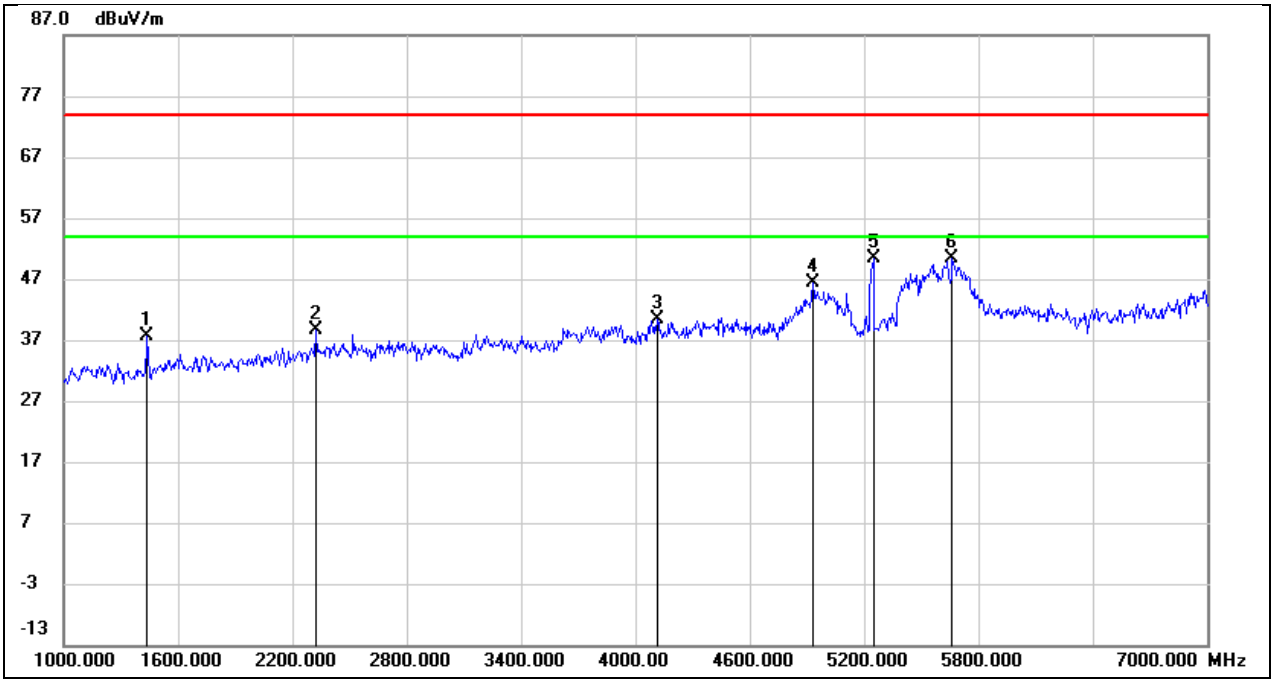
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	49.52	-7.94	41.58	74.00	-32.42	peak
2	4198.000	42.85	-1.46	41.39	74.00	-32.61	peak
3	4930.000	42.01	0.52	42.53	74.00	-31.47	peak
4	5200.000	48.04	1.37	49.41	/	/	Fundamental
5	5662.000	42.40	2.92	45.32	74.00	-28.68	peak
6	6934.000	38.06	6.40	44.46	74.00	-29.54	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 7.3 V



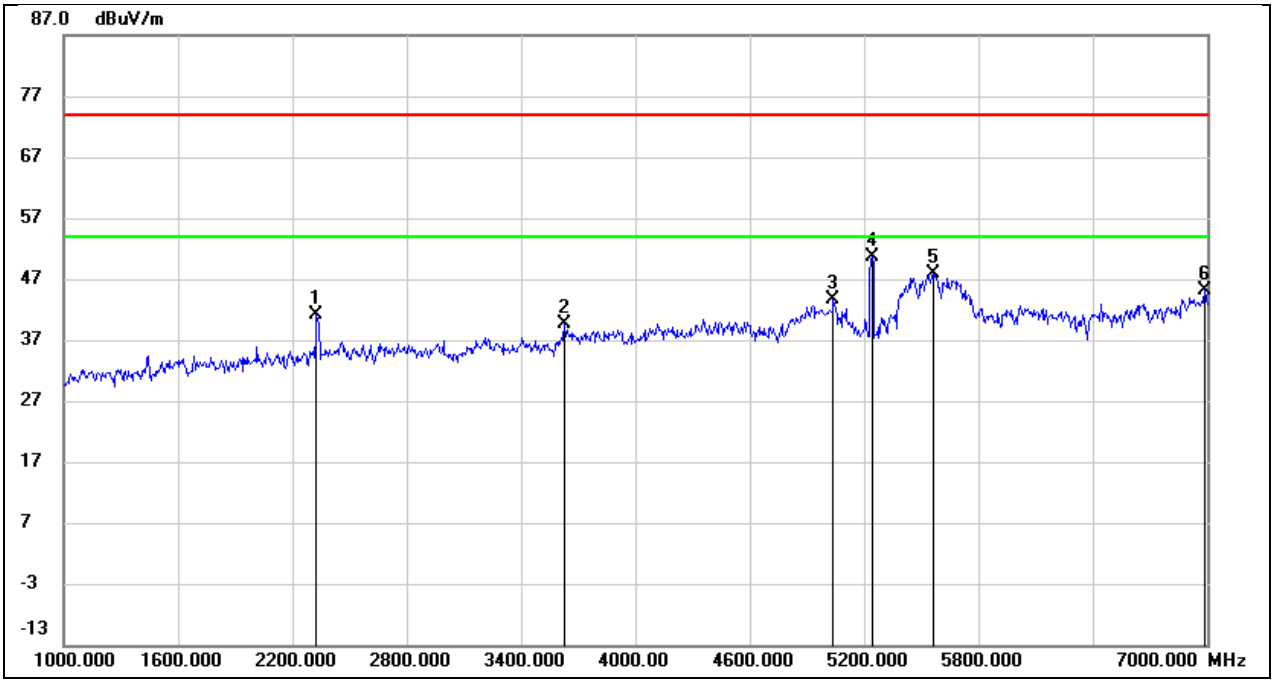
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	51.97	-7.94	44.03	74.00	-29.97	peak
2	4198.000	45.56	-1.46	44.10	74.00	-29.90	peak
3	5044.000	42.24	0.91	43.15	74.00	-30.85	peak
4	5200.000	48.83	1.37	50.20	/	/	Fundamental
5	5506.000	42.48	2.57	45.05	74.00	-28.95	peak
6	6880.000	38.40	5.89	44.29	74.00	-29.71	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



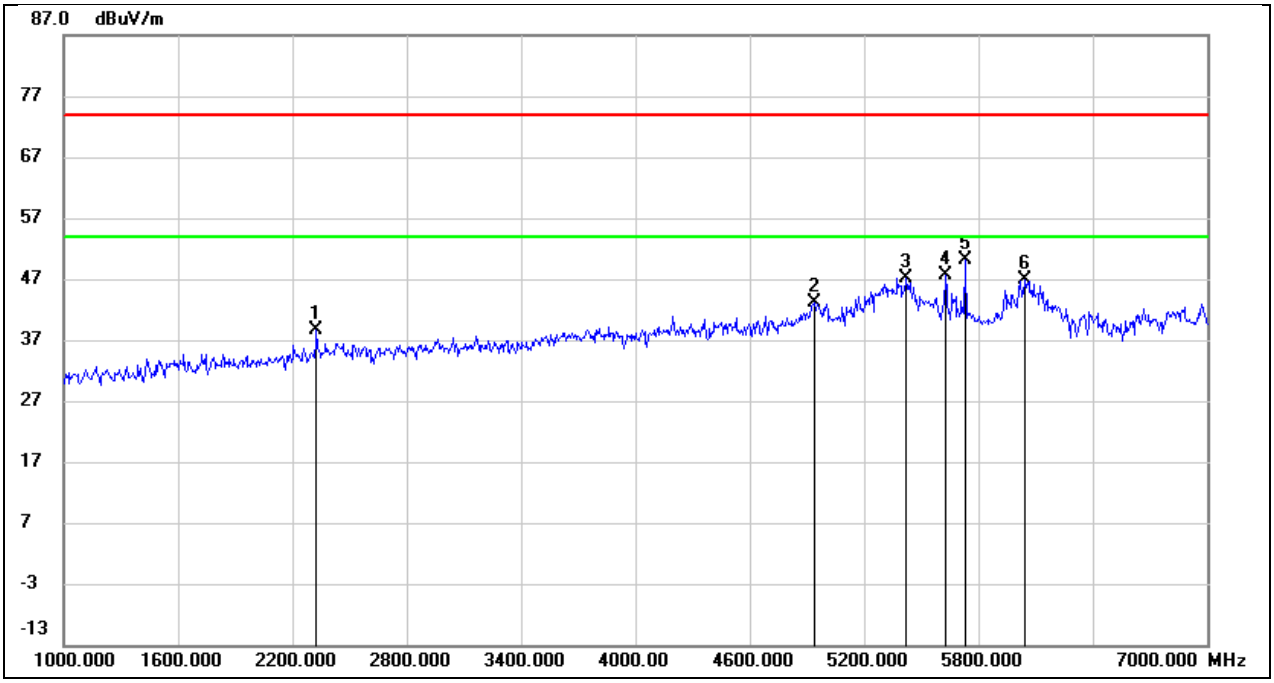
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1438.000	49.75	-12.15	37.60	74.00	-36.40	peak
2	2320.000	46.67	-8.00	38.67	74.00	-35.33	peak
3	4114.000	42.54	-2.15	40.39	74.00	-33.61	peak
4	4930.000	45.74	0.52	46.26	74.00	-27.74	peak
5	5240.000	48.91	1.46	50.37	/	/	Fundamental
6	5662.000	47.35	2.92	50.27	74.00	-23.73	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 7.3 V



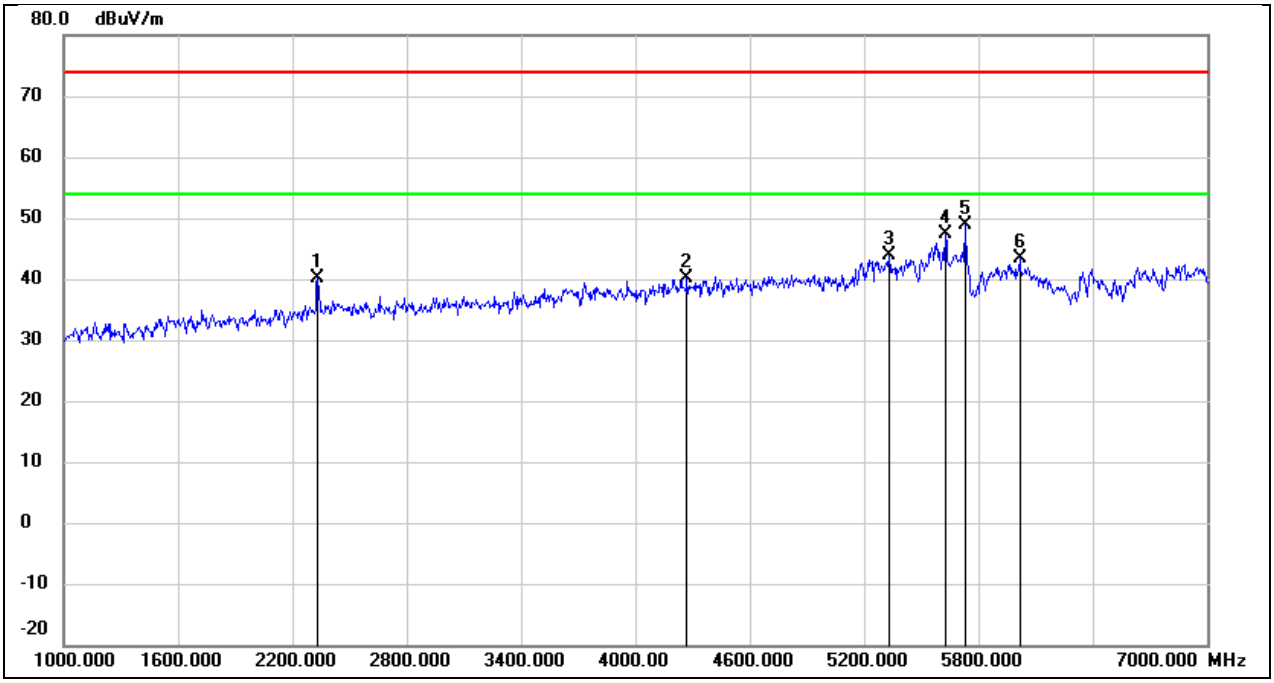
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	49.01	-7.94	41.07	74.00	-32.93	peak
2	3628.000	43.37	-3.62	39.75	74.00	-34.25	peak
3	5038.000	42.78	0.89	43.67	74.00	-30.33	peak
4	5240.000	49.23	1.44	50.67	/	/	Fundamental
5	5566.000	44.89	2.96	47.85	74.00	-26.15	peak
6	6988.000	38.34	6.91	45.25	74.00	-28.75	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5730.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



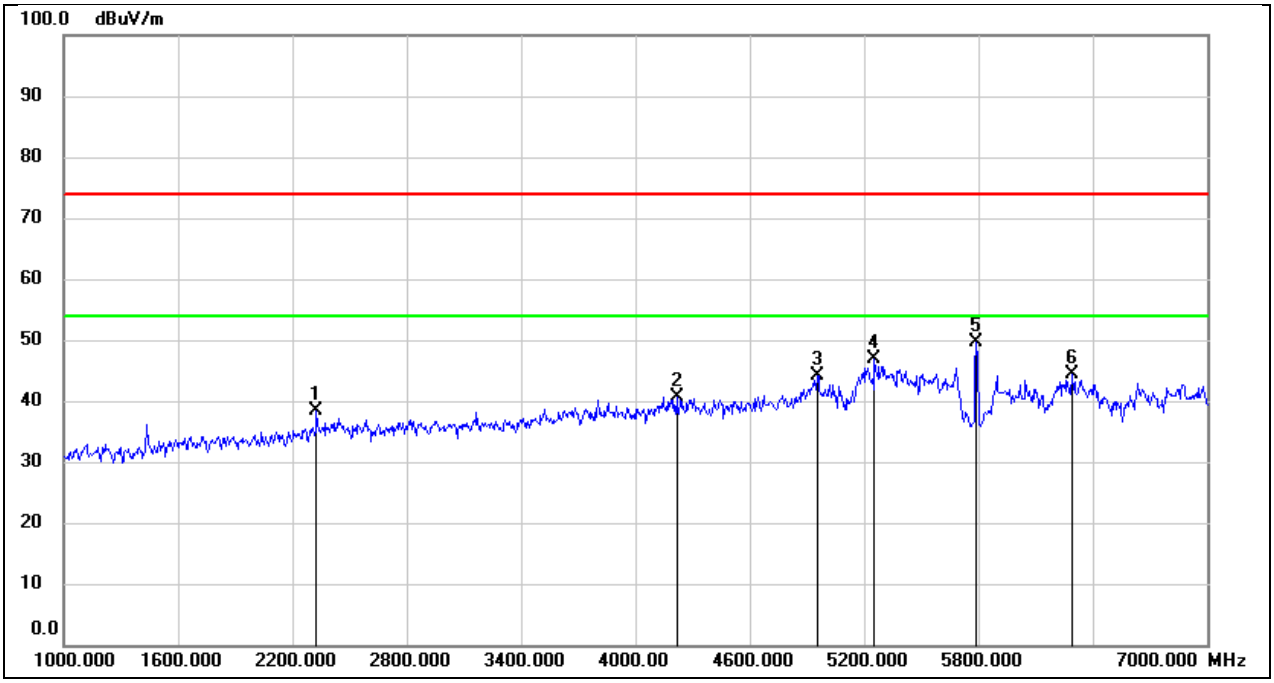
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	46.52	-7.94	38.58	74.00	-35.42	peak
2	4942.000	42.44	0.57	43.01	74.00	-30.99	peak
3	5422.000	45.25	1.93	47.18	74.00	-26.82	peak
4	5626.000	44.48	3.07	47.55	74.00	-26.45	peak
5	5730.500	47.41	2.64	50.05	/	/	Fundamental
6	6046.000	43.64	3.16	46.80	74.00	-27.20	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5730.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



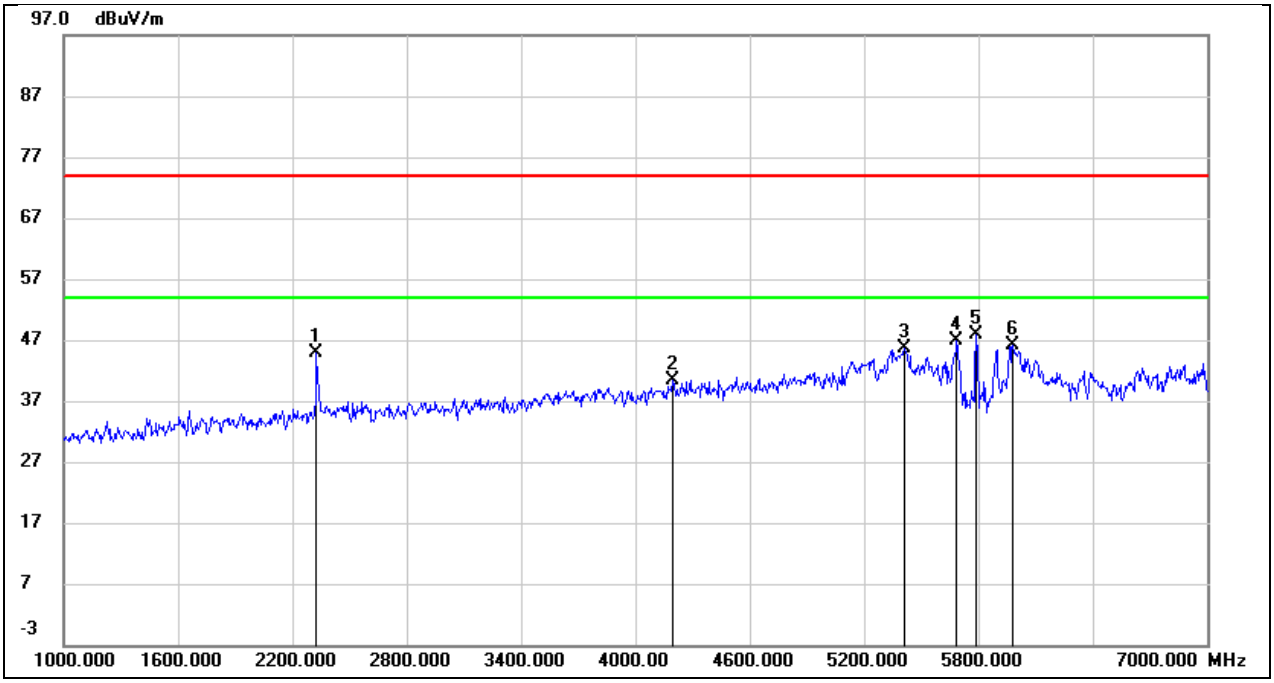
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	48.08	-7.91	40.17	74.00	-33.83	peak
2	4270.000	41.58	-1.46	40.12	74.00	-33.88	peak
3	5332.000	42.14	1.62	43.76	74.00	-30.24	peak
4	5626.000	44.22	3.07	47.29	74.00	-26.71	peak
5	5730.500	46.34	2.64	48.98	/	/	Fundamental
6	6016.000	40.03	3.24	43.27	74.00	-30.73	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



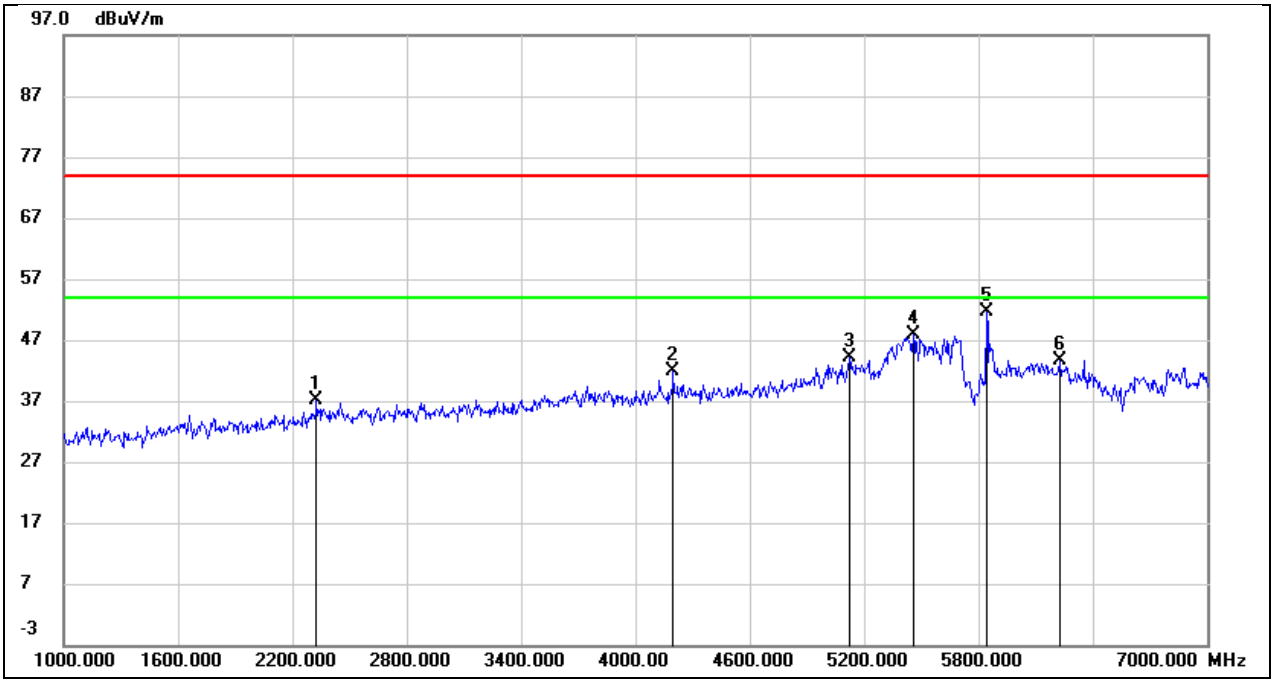
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	46.21	-7.94	38.27	74.00	-35.73	peak
2	4216.000	42.09	-1.45	40.64	74.00	-33.36	peak
3	4954.000	43.52	0.61	44.13	74.00	-29.87	peak
4	5254.000	45.42	1.48	46.90	74.00	-27.10	peak
5	5787.500	47.29	2.39	49.68	/	/	Fundamental
6	6292.000	40.97	3.33	44.30	74.00	-29.70	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



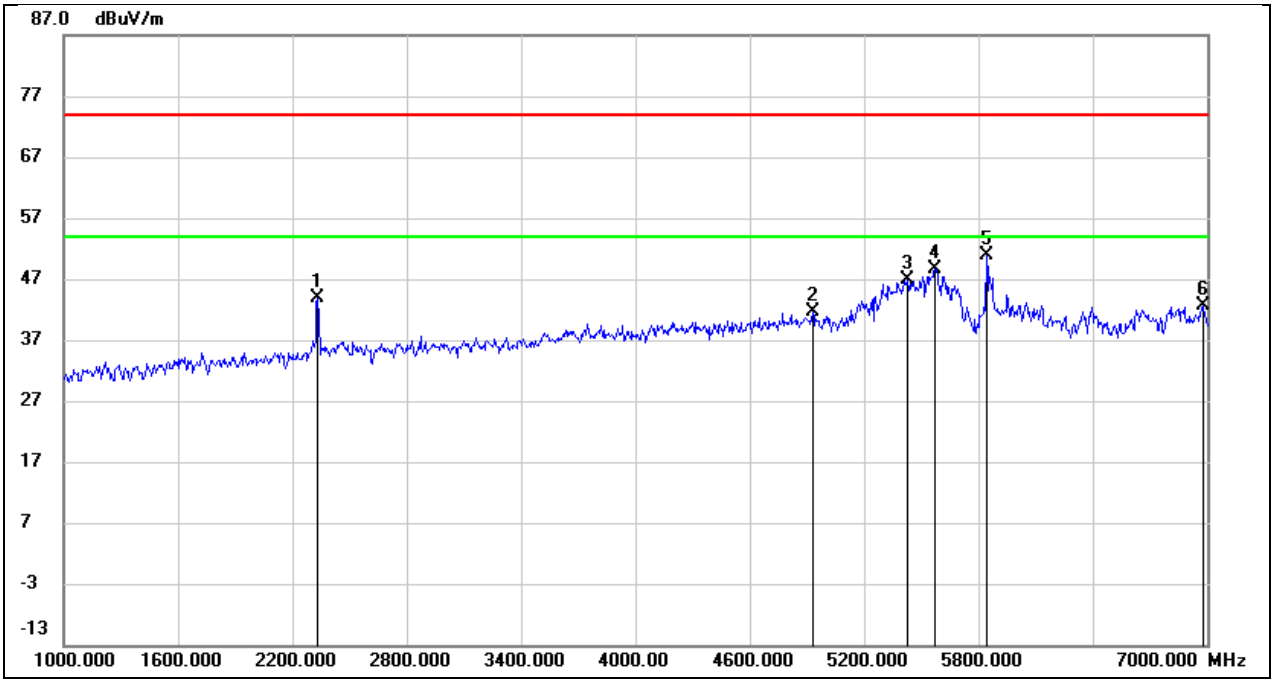
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	52.77	-7.94	44.83	74.00	-29.17	peak
2	4192.000	41.88	-1.52	40.36	74.00	-33.64	peak
3	5410.000	43.76	1.84	45.60	74.00	-28.40	peak
4	5686.000	43.99	2.82	46.81	74.00	-27.19	peak
5	5787.500	45.48	2.39	47.87	/	/	Fundamental
6	5980.000	42.83	3.19	46.02	74.00	-27.98	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5844.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.000	44.99	-7.94	37.05	74.00	-36.95	peak
2	4198.000	43.30	-1.46	41.84	74.00	-32.16	peak
3	5122.000	43.07	1.13	44.20	74.00	-29.80	peak
4	5458.000	45.72	2.22	47.94	74.00	-26.06	peak
5	5844.500	49.08	2.53	51.61	/	/	Fundamental
6	6226.000	40.75	2.93	43.68	74.00	-30.32	peak

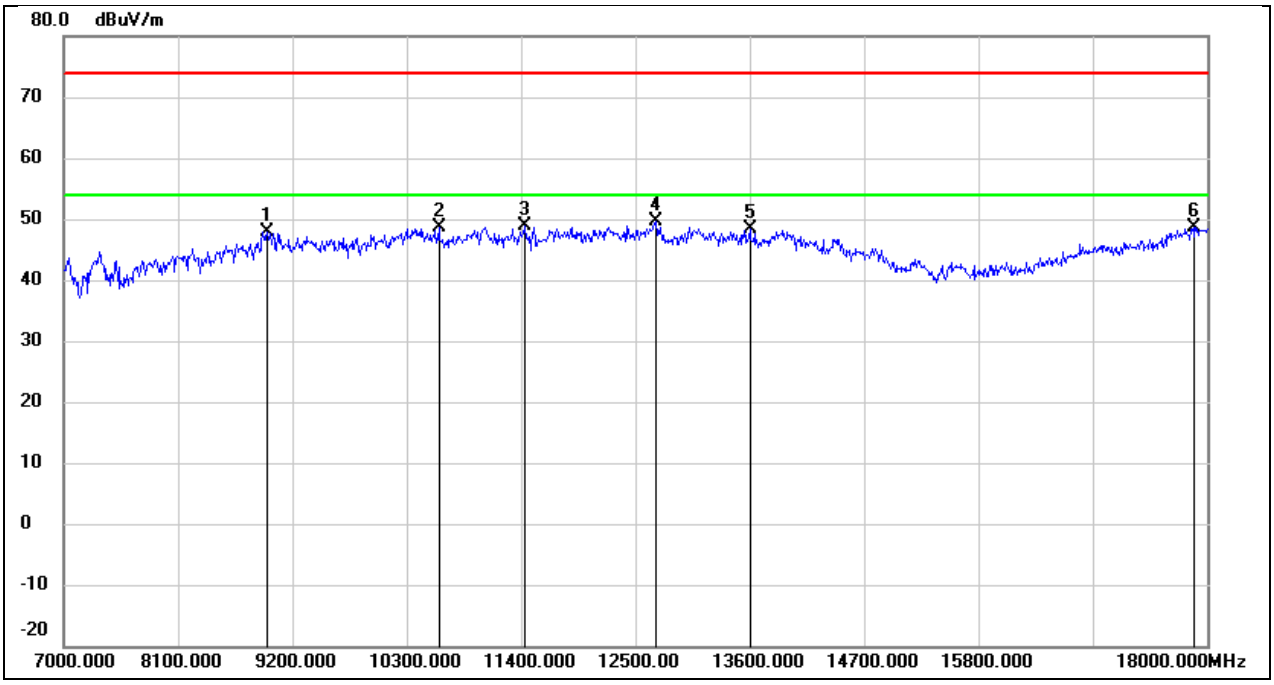
Test Mode:	SRD 10MHz	Frequency(MHz):	5844.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	51.78	-7.91	43.87	74.00	-30.13	peak
2	4930.000	41.02	0.52	41.54	74.00	-32.46	peak
3	5428.000	44.99	1.98	46.97	74.00	-27.03	peak
4	5572.000	45.60	3.00	48.60	74.00	-25.40	peak
5	5844.500	48.38	2.53	50.91	/	/	Fundamental
6	6976.000	35.84	6.80	42.64	74.00	-31.36	peak

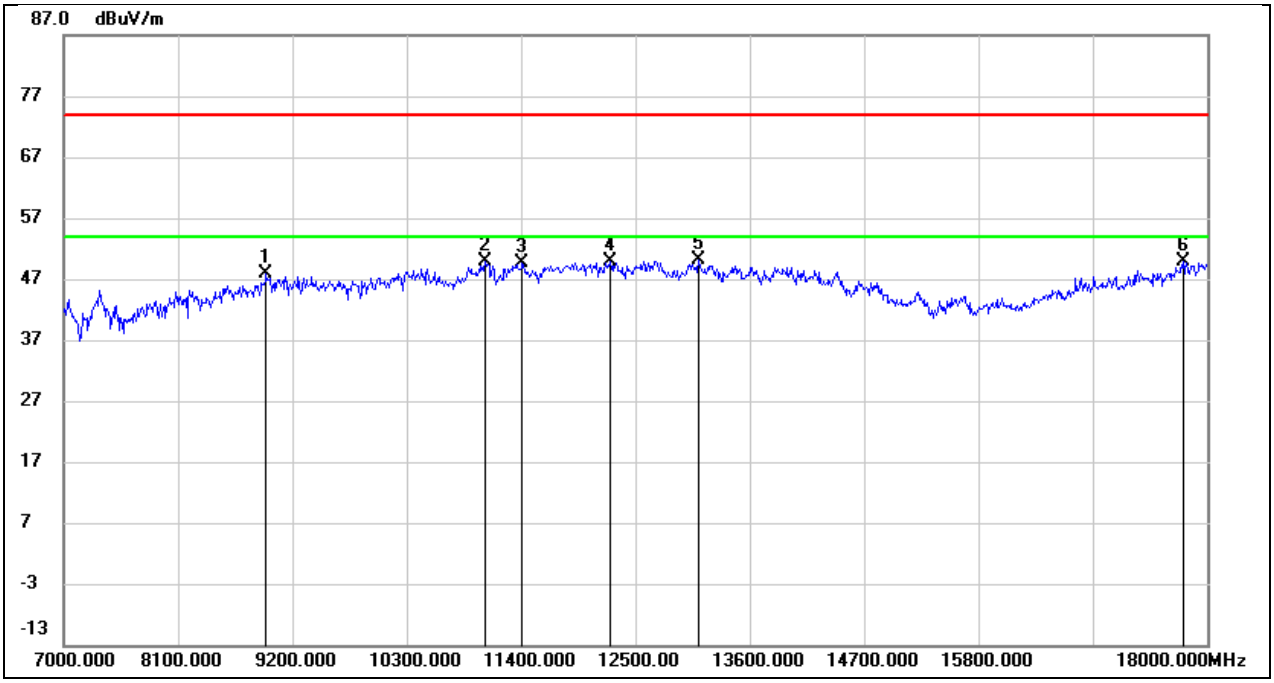
8.3. SPURIOUS EMISSIONS (7 GHZ ~ 18 GHZ)

Test Mode:	SRD 20MHz	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



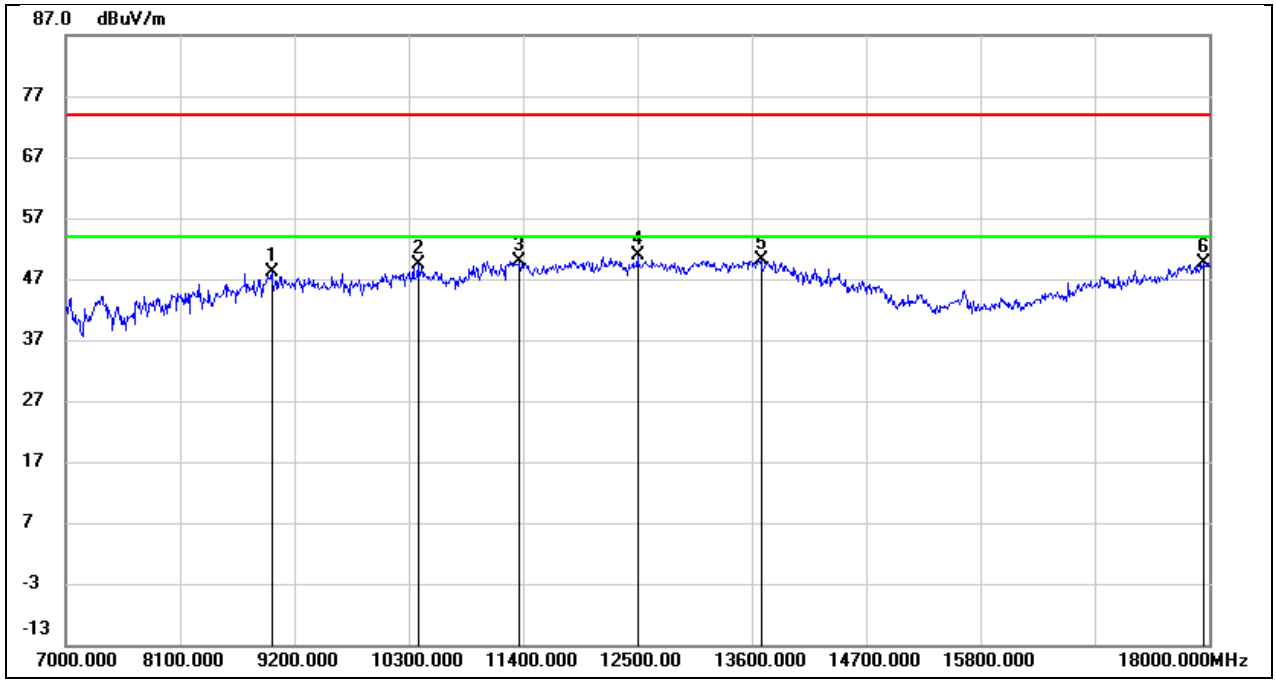
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.65	11.24	47.89	74.00	-26.11	peak
2	10608.000	34.97	13.77	48.74	74.00	-25.26	peak
3	11433.000	32.21	16.68	48.89	74.00	-25.11	peak
4	12698.000	30.95	18.56	49.51	74.00	-24.49	peak
5	13600.000	26.92	21.42	48.34	74.00	-25.66	peak
6	17868.000	22.33	26.41	48.74	74.00	-25.26	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 7.3 V



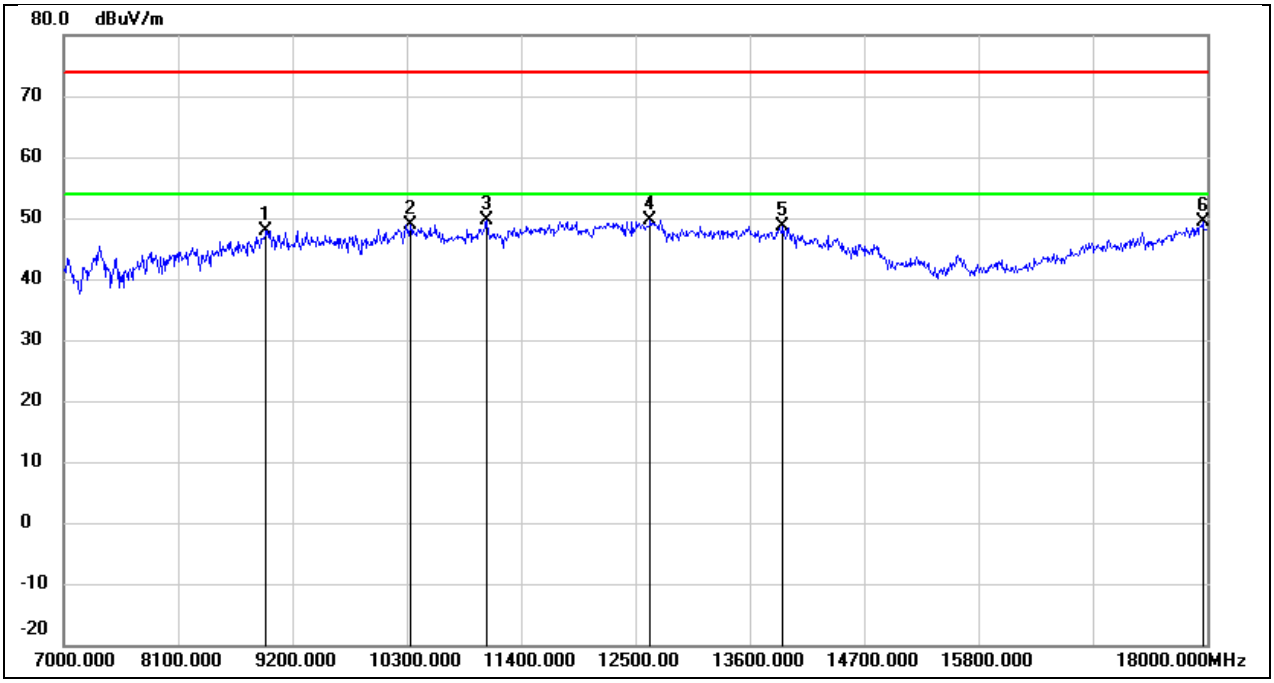
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	36.87	11.08	47.95	74.00	-26.05	peak
2	11059.000	34.85	15.02	49.87	74.00	-24.13	peak
3	11411.000	32.96	16.60	49.56	74.00	-24.44	peak
4	12258.000	31.14	18.70	49.84	74.00	-24.16	peak
5	13105.000	30.61	19.58	50.19	74.00	-23.81	peak
6	17769.000	24.10	25.76	49.86	74.00	-24.14	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



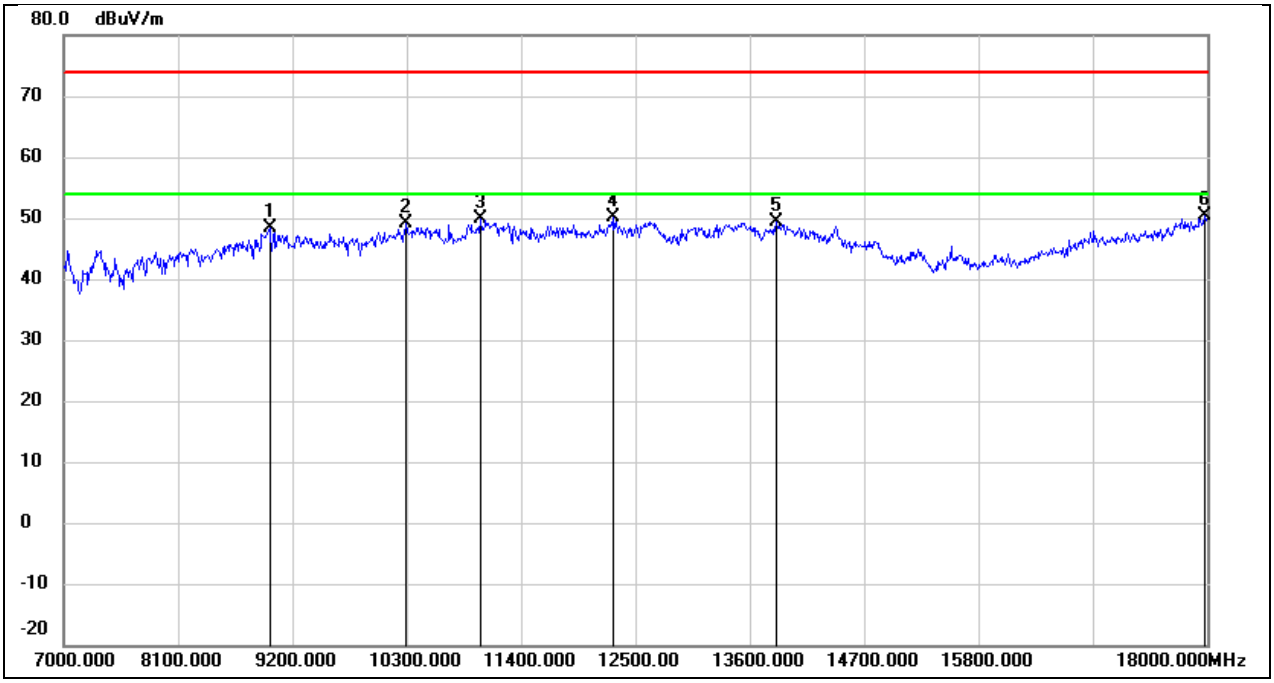
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.59	11.57	48.16	74.00	-25.84	peak
2	10388.000	36.20	13.18	49.38	74.00	-24.62	peak
3	11367.000	33.63	16.37	50.00	74.00	-24.00	peak
4	12500.000	32.33	18.56	50.89	74.00	-23.11	peak
5	13688.000	28.18	21.85	50.03	74.00	-23.97	peak
6	17945.000	22.95	26.74	49.69	74.00	-24.31	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 7.3 V



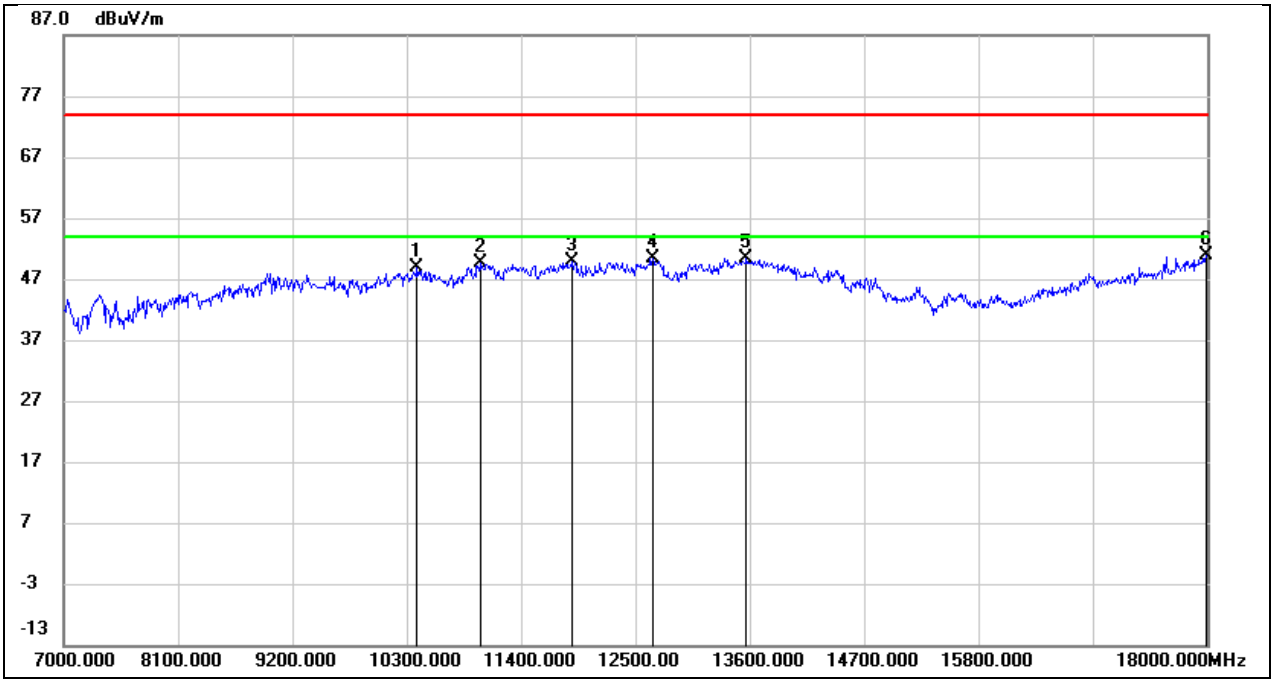
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	36.87	11.08	47.95	74.00	-26.05	peak
2	10333.000	36.00	12.93	48.93	74.00	-25.07	peak
3	11070.000	34.56	15.04	49.60	74.00	-24.40	peak
4	12643.000	31.15	18.43	49.58	74.00	-24.42	peak
5	13919.000	26.20	22.49	48.69	74.00	-25.31	peak
6	17956.000	22.62	26.78	49.40	74.00	-24.60	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



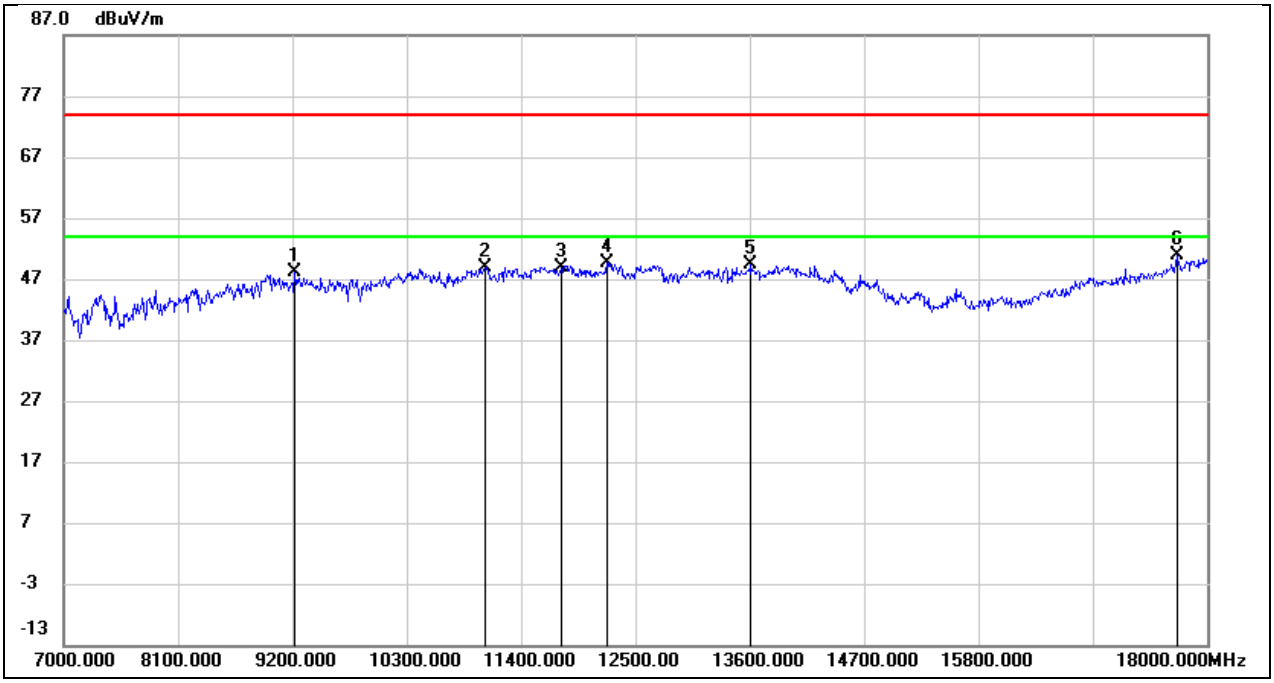
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.86	11.57	48.43	74.00	-25.57	peak
2	10289.000	36.40	12.74	49.14	74.00	-24.86	peak
3	11004.000	34.94	14.90	49.84	74.00	-24.16	peak
4	12291.000	31.28	18.77	50.05	74.00	-23.95	peak
5	13853.000	26.93	22.46	49.39	74.00	-24.61	peak
6	17978.000	23.47	26.88	50.35	74.00	-23.65	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 7.3 V



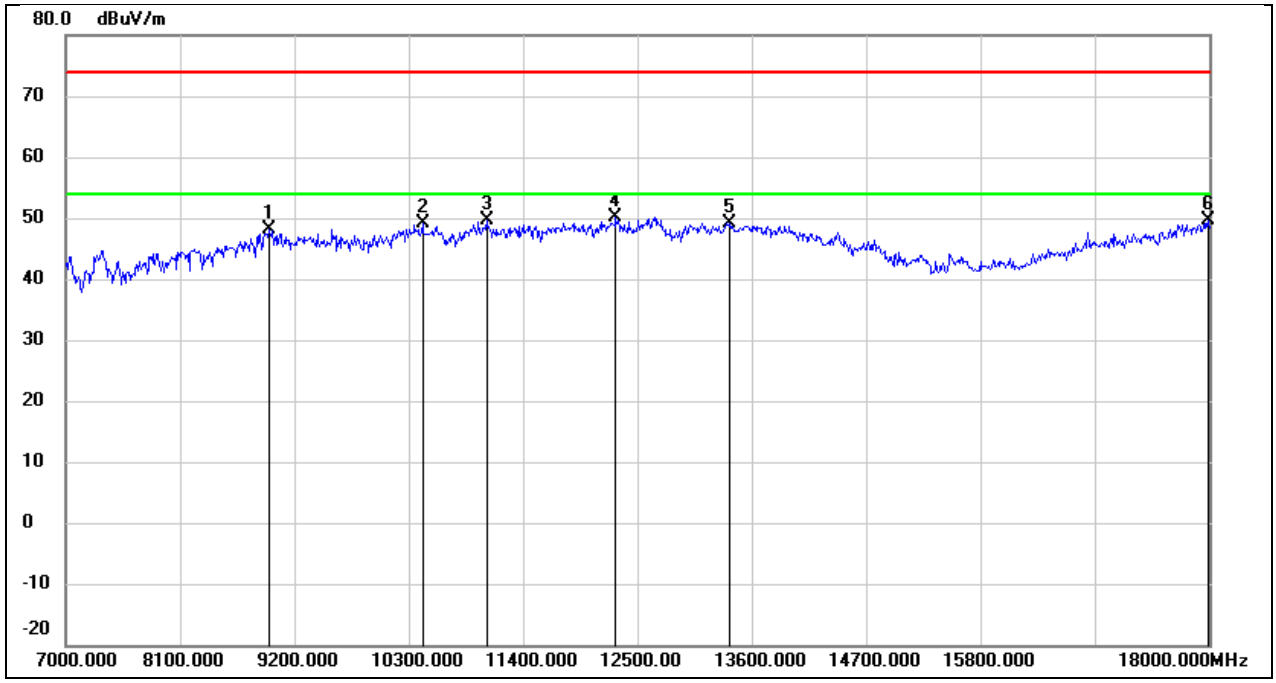
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10399.000	35.65	13.23	48.88	74.00	-25.12	peak
2	11004.000	34.64	14.90	49.54	74.00	-24.46	peak
3	11884.000	31.86	18.00	49.86	74.00	-24.14	peak
4	12665.000	32.01	18.48	50.49	74.00	-23.51	peak
5	13567.000	29.08	21.41	50.49	74.00	-23.51	peak
6	17989.000	23.95	26.92	50.87	74.00	-23.13	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5170
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



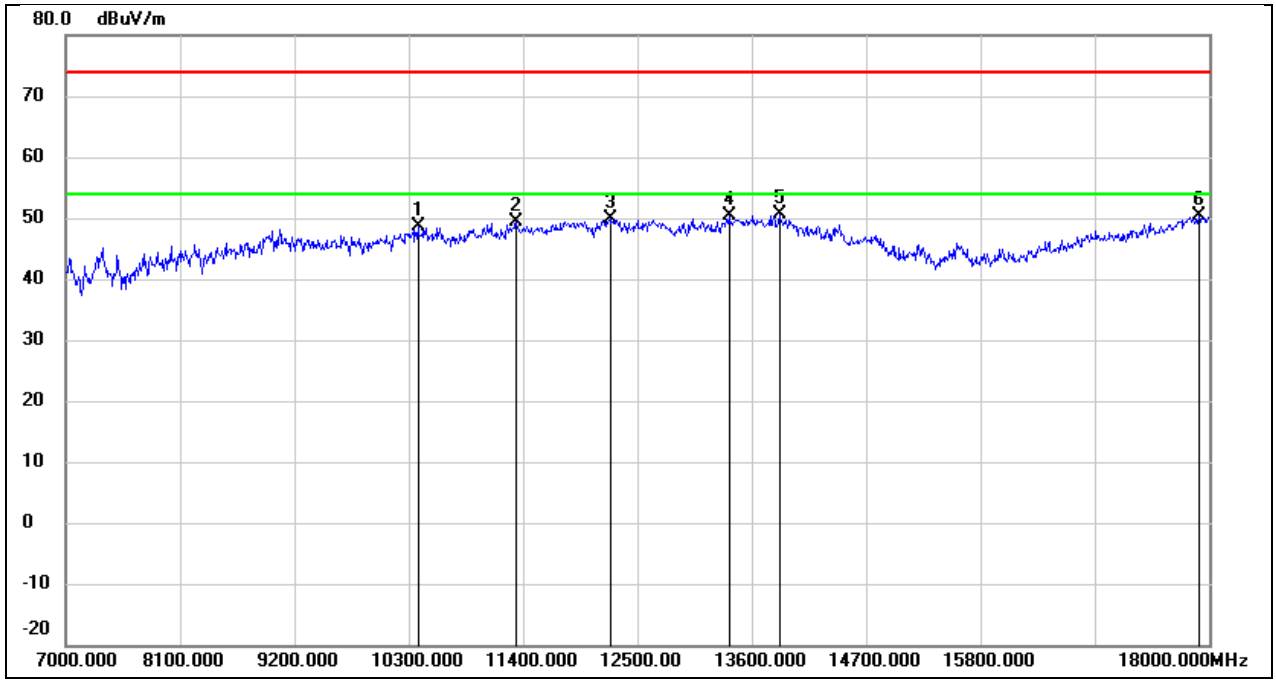
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	38.05	10.11	48.16	74.00	-25.84	peak
2	11059.000	33.85	15.02	48.87	74.00	-25.13	peak
3	11785.000	31.40	17.52	48.92	74.00	-25.08	peak
4	12225.000	30.96	18.63	49.59	74.00	-24.41	peak
5	13611.000	27.84	21.48	49.32	74.00	-24.68	peak
6	17714.000	25.78	25.14	50.92	74.00	-23.08	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5170
Polarity:	Vertical	Test Voltage:	DC 7.3 V



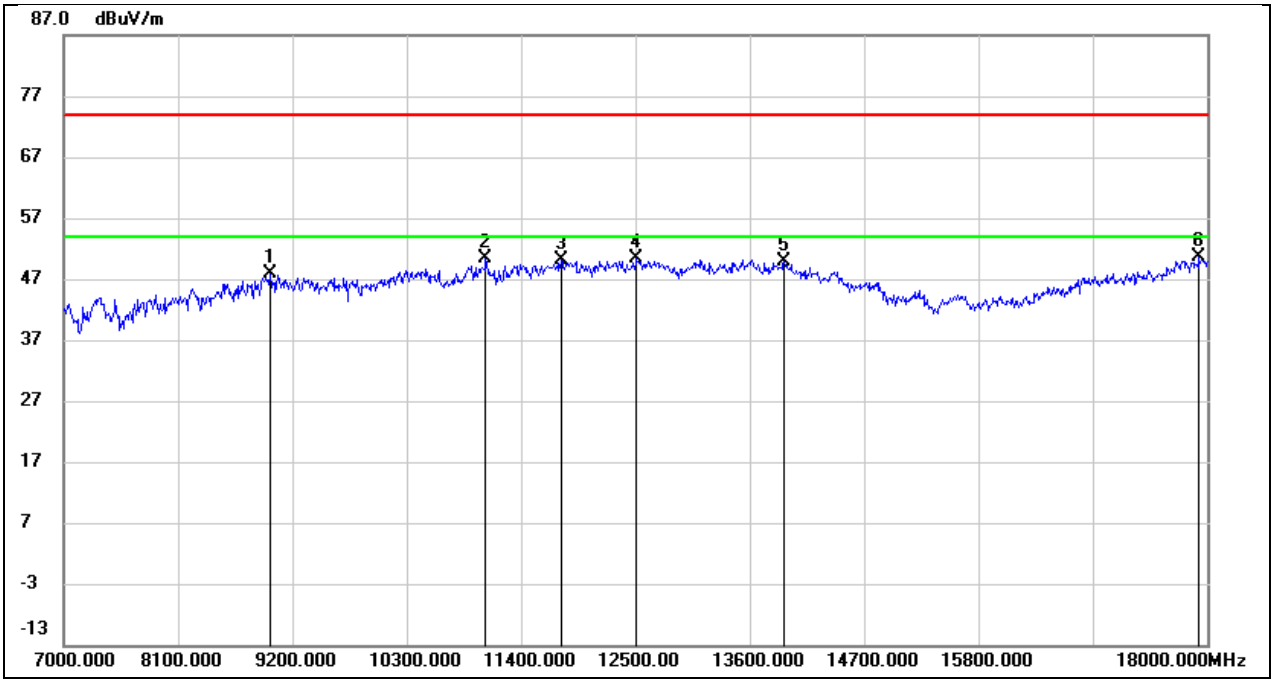
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.86	11.24	48.10	74.00	-25.90	peak
2	10432.000	35.86	13.31	49.17	74.00	-24.83	peak
3	11048.000	34.70	14.99	49.69	74.00	-24.31	peak
4	12291.000	31.41	18.77	50.18	74.00	-23.82	peak
5	13391.000	28.02	21.07	49.09	74.00	-24.91	peak
6	17989.000	22.80	26.92	49.72	74.00	-24.28	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



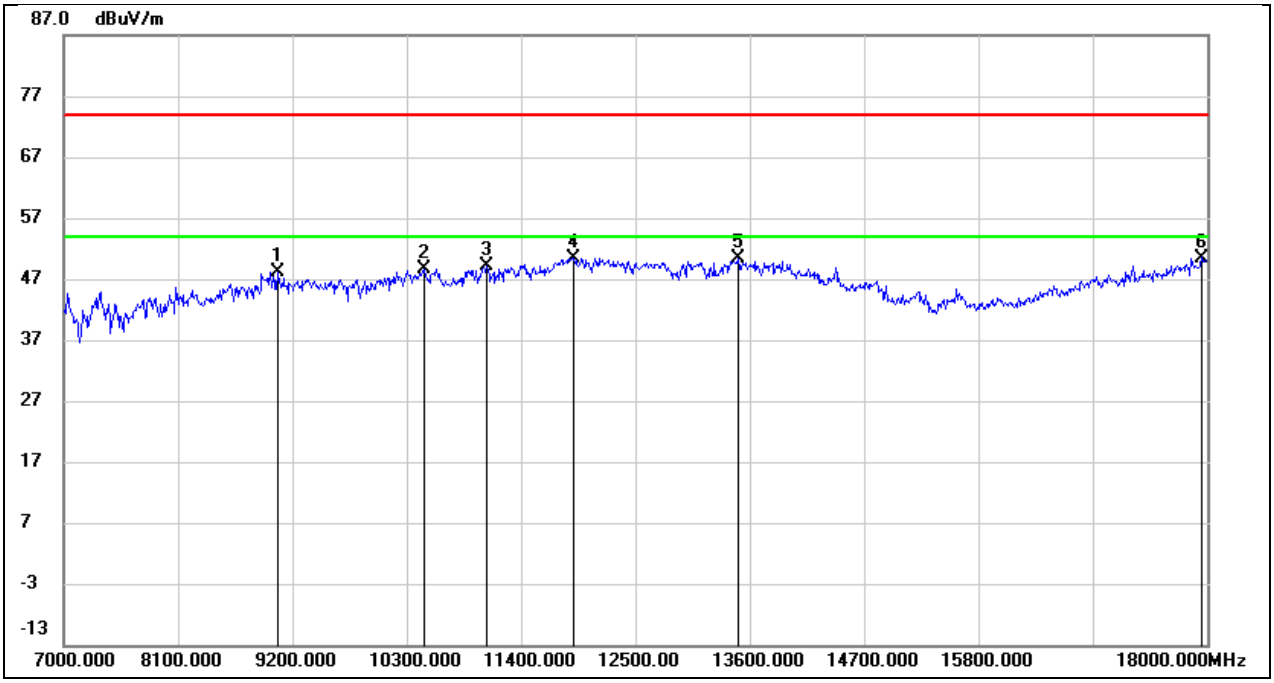
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10388.000	35.56	13.18	48.74	74.00	-25.26	peak
2	11334.000	33.15	16.16	49.31	74.00	-24.69	peak
3	12236.000	31.18	18.66	49.84	74.00	-24.16	peak
4	13380.000	29.37	21.01	50.38	74.00	-23.62	peak
5	13864.000	28.14	22.45	50.59	74.00	-23.41	peak
6	17901.000	23.88	26.55	50.43	74.00	-23.57	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 7.3 V



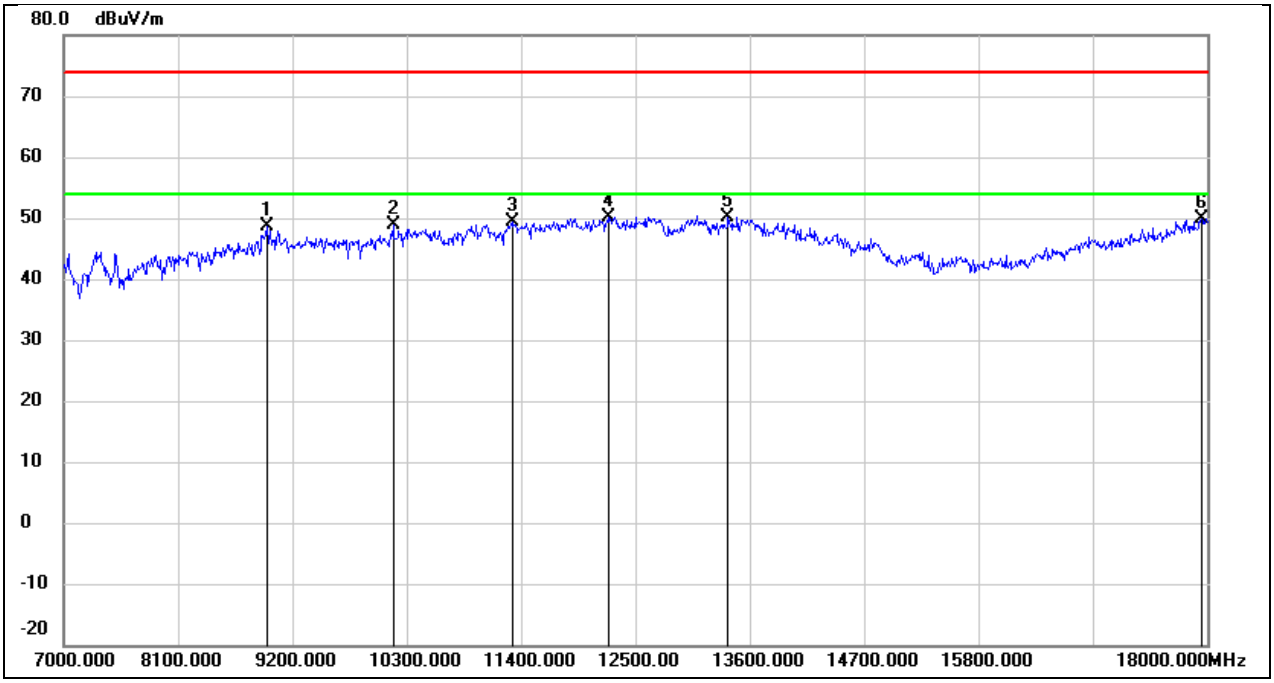
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.04	11.73	47.77	74.00	-26.23	peak
2	11059.000	35.39	15.02	50.41	74.00	-23.59	peak
3	11785.000	32.65	17.52	50.17	74.00	-23.83	peak
4	12511.000	31.91	18.54	50.45	74.00	-23.55	peak
5	13930.000	27.32	22.50	49.82	74.00	-24.18	peak
6	17923.000	23.87	26.64	50.51	74.00	-23.49	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



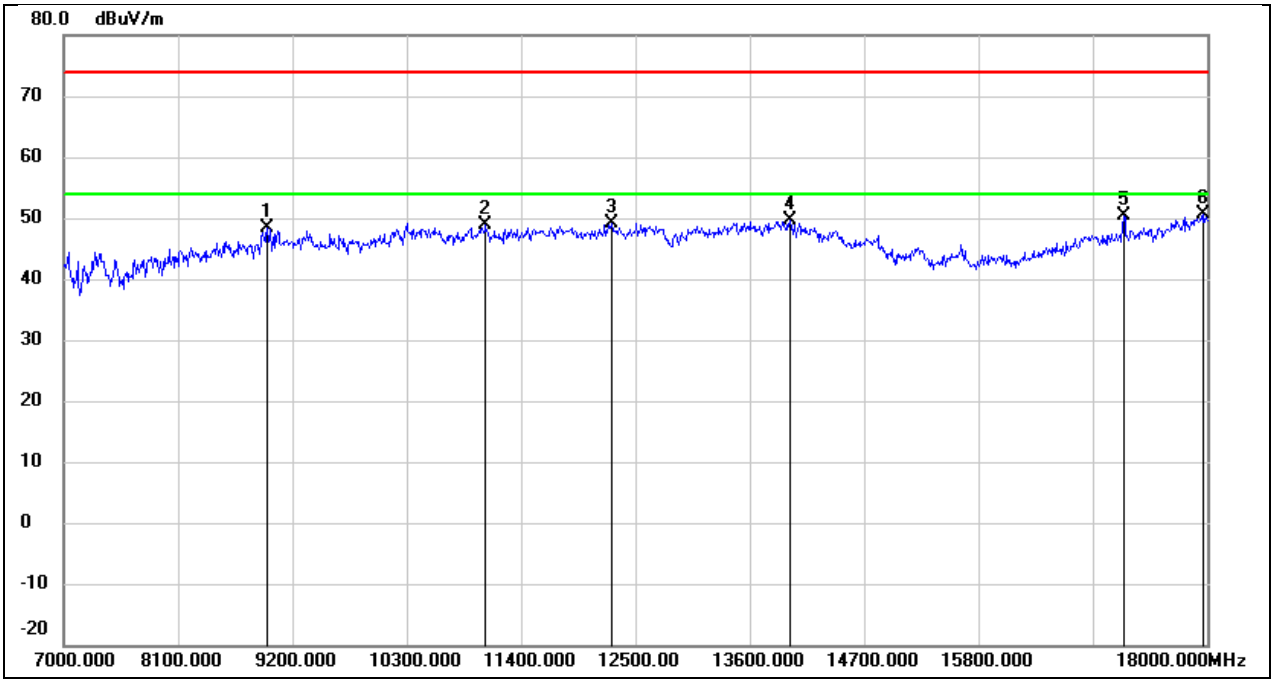
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	36.72	11.35	48.07	74.00	-25.93	peak
2	10465.000	35.27	13.41	48.68	74.00	-25.32	peak
3	11070.000	34.21	15.04	49.25	74.00	-24.75	peak
4	11906.000	32.33	18.11	50.44	74.00	-23.56	peak
5	13490.000	28.94	21.38	50.32	74.00	-23.68	peak
6	17945.000	23.76	26.74	50.50	74.00	-23.50	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 7.3 V



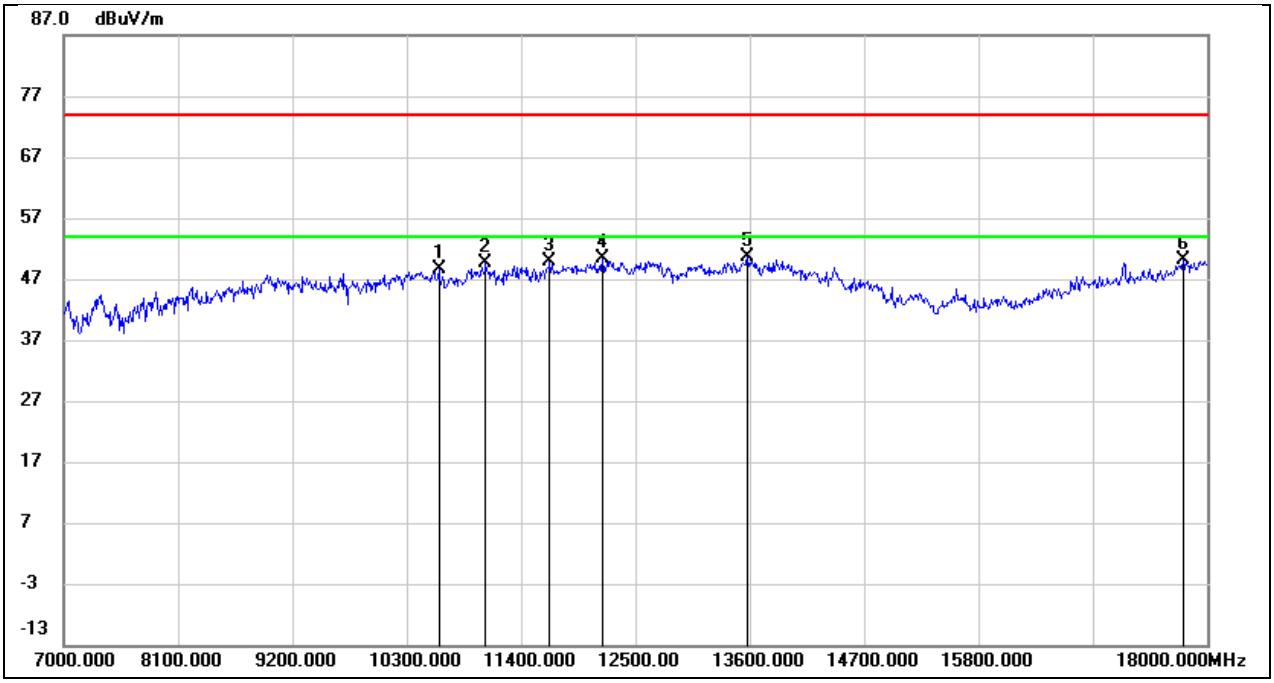
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	37.40	11.24	48.64	74.00	-25.36	peak
2	10168.000	36.46	12.32	48.78	74.00	-25.22	peak
3	11312.000	33.39	16.03	49.42	74.00	-24.58	peak
4	12236.000	31.58	18.66	50.24	74.00	-23.76	peak
5	13391.000	29.15	21.07	50.22	74.00	-23.78	peak
6	17945.000	23.19	26.74	49.93	74.00	-24.07	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5730.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



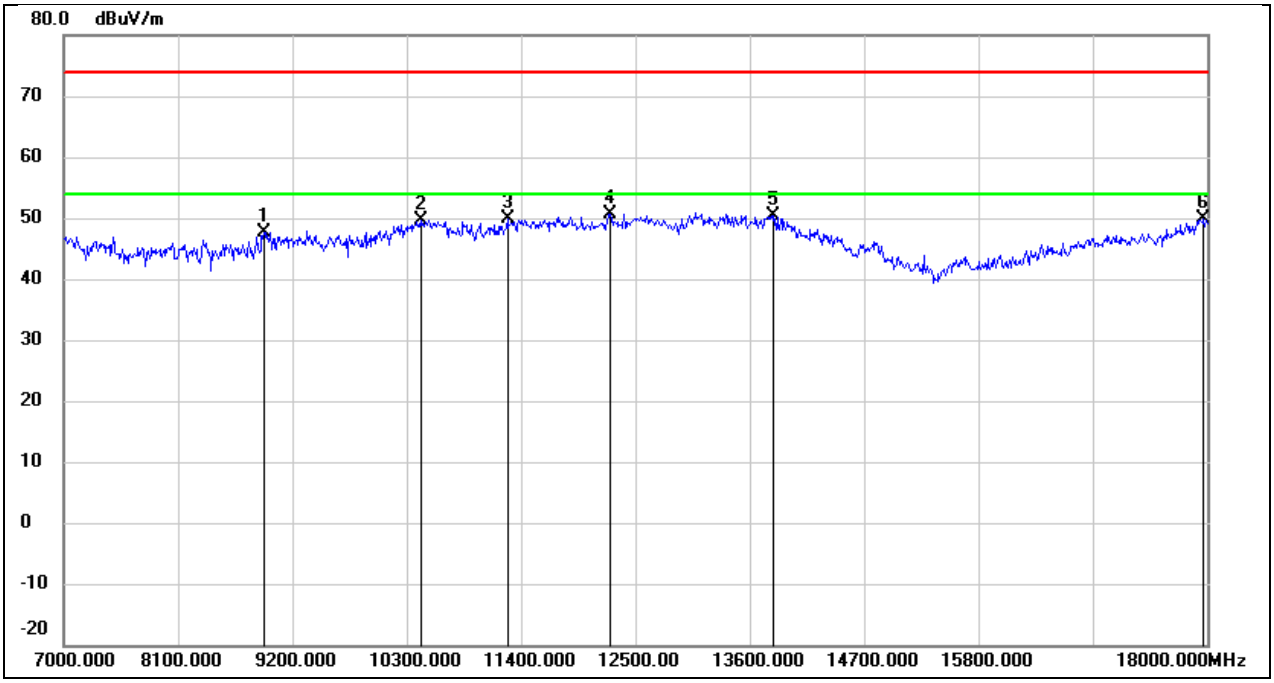
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8958.000	37.03	11.24	48.27	74.00	-25.73	peak
2	11059.000	33.92	15.02	48.94	74.00	-25.06	peak
3	12269.000	30.46	18.72	49.18	74.00	-24.82	peak
4	13985.000	27.05	22.53	49.58	74.00	-24.42	peak
5	17197.000	27.72	22.68	50.40	74.00	-23.60	peak
6	17967.000	23.83	26.83	50.66	74.00	-23.34	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5730.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



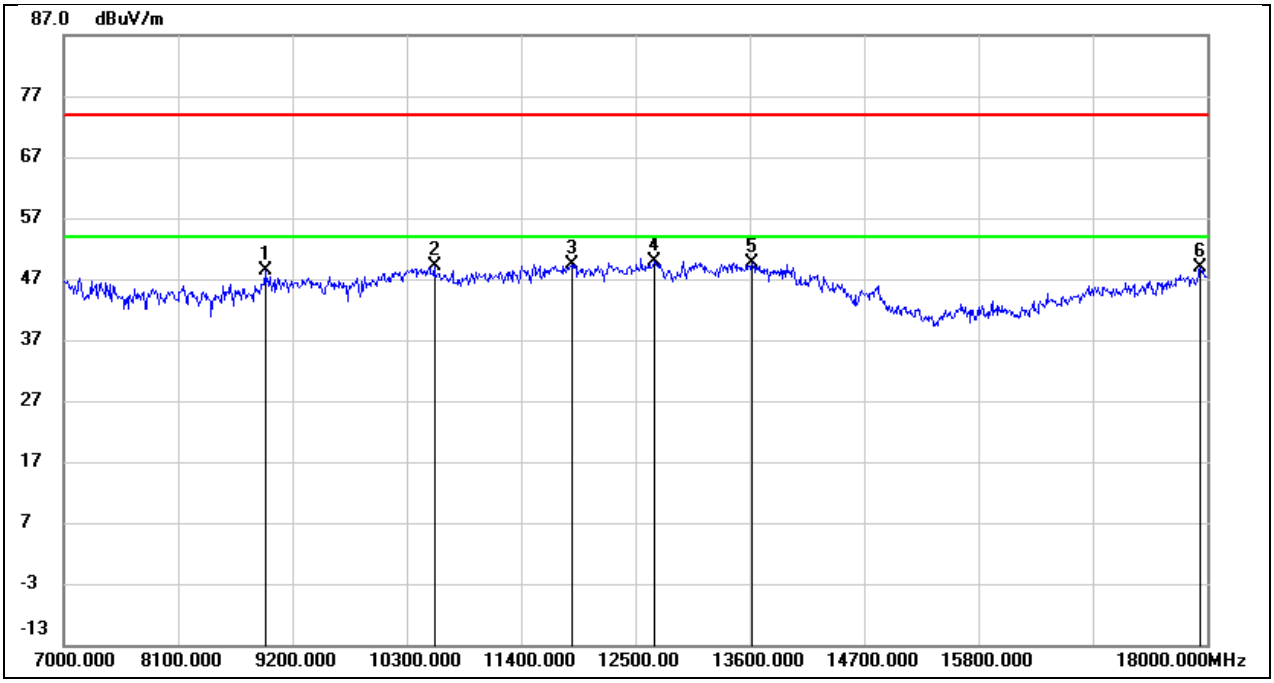
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10608.000	34.83	13.77	48.60	74.00	-25.40	peak
2	11059.000	34.69	15.02	49.71	74.00	-24.29	peak
3	11675.000	32.63	17.22	49.85	74.00	-24.15	peak
4	12181.000	31.74	18.58	50.32	74.00	-23.68	peak
5	13578.000	29.18	21.42	50.60	74.00	-23.40	peak
6	17769.000	24.42	25.76	50.18	74.00	-23.82	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



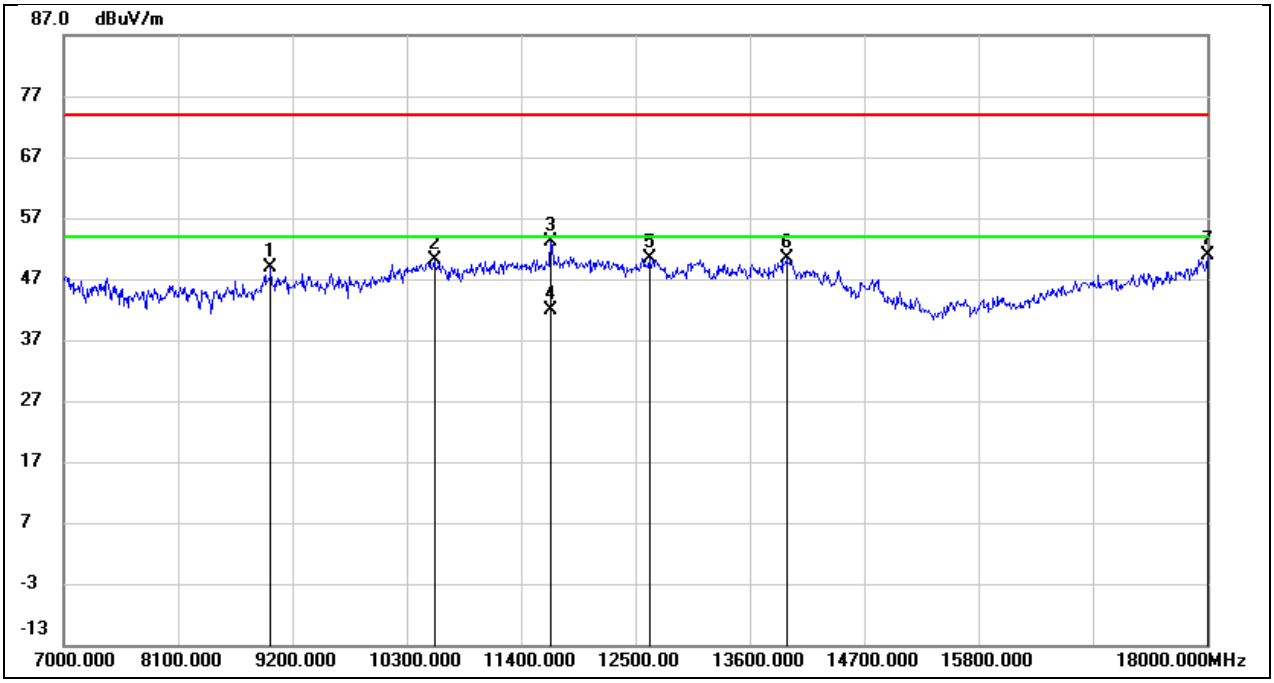
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8925.000	36.88	10.75	47.63	74.00	-26.37	peak
2	10432.000	36.31	13.31	49.62	74.00	-24.38	peak
3	11268.000	34.07	15.76	49.83	74.00	-24.17	peak
4	12258.000	32.01	18.70	50.71	74.00	-23.29	peak
5	13831.000	28.04	22.44	50.48	74.00	-23.52	peak
6	17967.000	23.00	26.83	49.83	74.00	-24.17	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



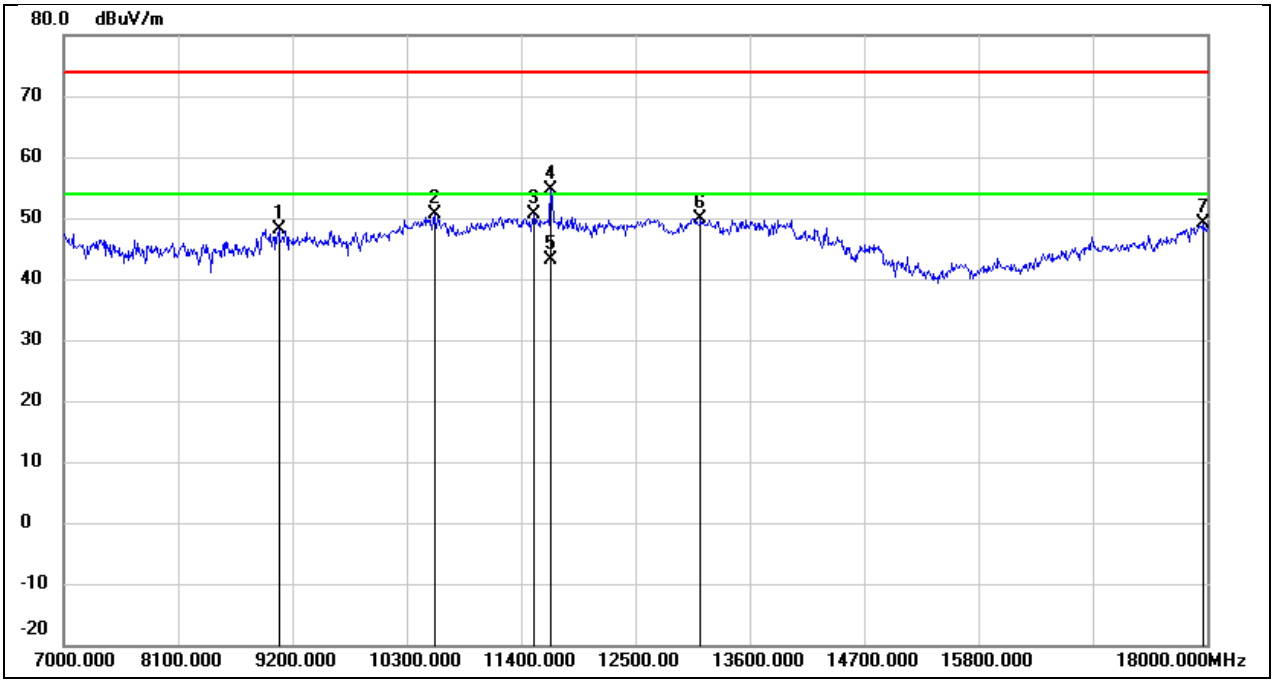
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.45	10.91	48.36	74.00	-25.64	peak
2	10564.000	35.43	13.68	49.11	74.00	-24.89	peak
3	11884.000	31.47	18.00	49.47	74.00	-24.53	peak
4	12687.000	31.39	18.53	49.92	74.00	-24.08	peak
5	13622.000	28.21	21.53	49.74	74.00	-24.26	peak
6	17934.000	22.15	26.69	48.84	74.00	-25.16	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5844.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



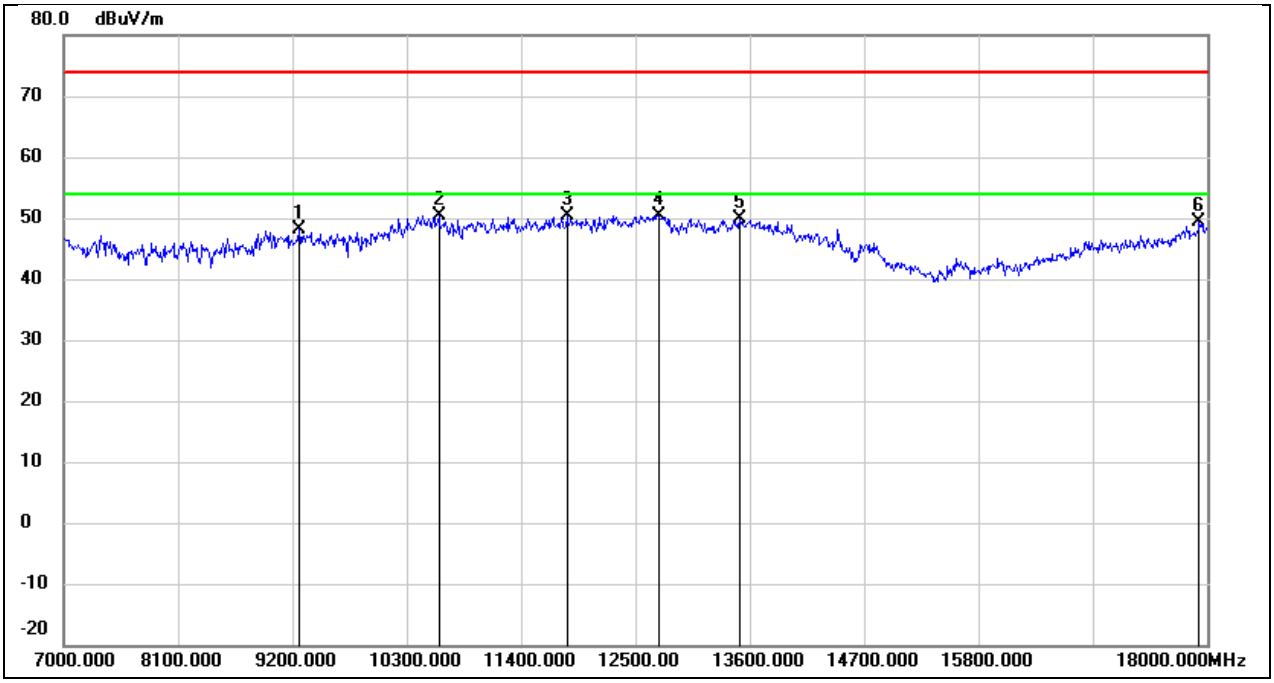
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	37.04	11.73	48.77	74.00	-25.23	peak
2	10564.000	36.51	13.68	50.19	74.00	-23.81	peak
3	11686.000	35.87	17.25	53.12	74.00	-20.88	peak
4	11686.000	24.65	17.25	41.90	54.00	-12.10	AVG
5	12632.000	31.91	18.40	50.31	74.00	-23.69	peak
6	13952.000	27.92	22.51	50.43	74.00	-23.57	peak
7	18000.000	23.81	26.97	50.78	74.00	-23.22	peak

Test Mode:	SRD 10MHz	Frequency(MHz):	5844.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



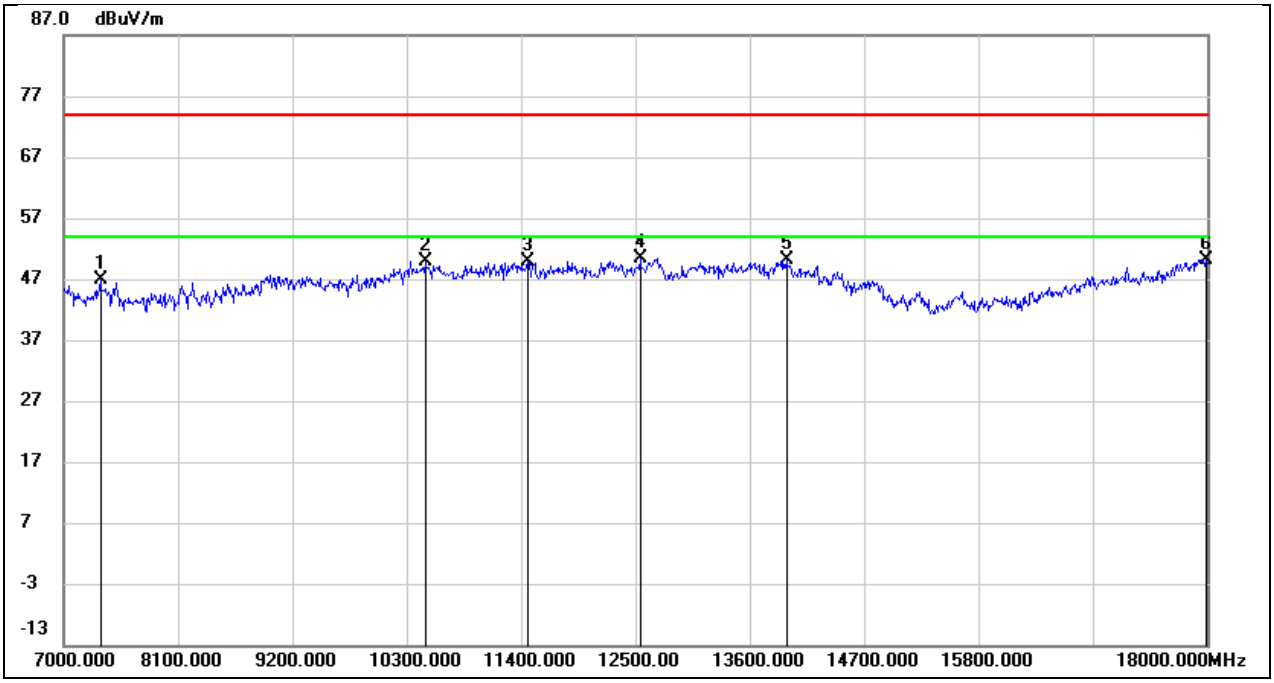
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.80	11.25	48.05	74.00	-25.95	peak
2	10564.000	36.87	13.68	50.55	74.00	-23.45	peak
3	11521.000	33.59	16.92	50.51	74.00	-23.49	peak
4	11686.000	37.36	17.25	54.61	74.00	-19.39	peak
5	11686.000	25.95	17.25	43.20	54.00	-10.80	AVG
6	13127.000	30.19	19.68	49.87	74.00	-24.13	peak
7	17956.000	22.31	26.78	49.09	74.00	-24.91	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5735.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



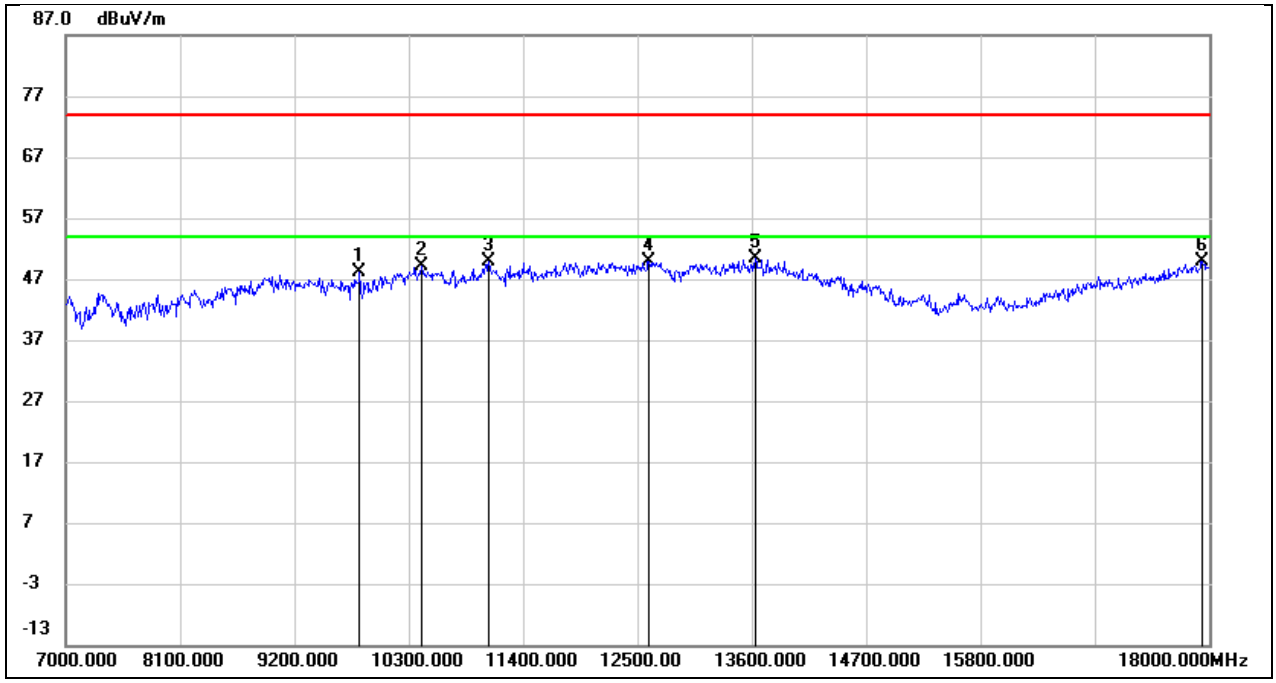
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	37.87	10.25	48.12	74.00	-25.88	peak
2	10608.000	36.61	13.77	50.38	74.00	-23.62	peak
3	11840.000	32.63	17.76	50.39	74.00	-23.61	peak
4	12731.000	31.83	18.65	50.48	74.00	-23.52	peak
5	13501.000	28.58	21.40	49.98	74.00	-24.02	peak
6	17923.000	22.71	26.64	49.35	74.00	-24.65	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5735.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



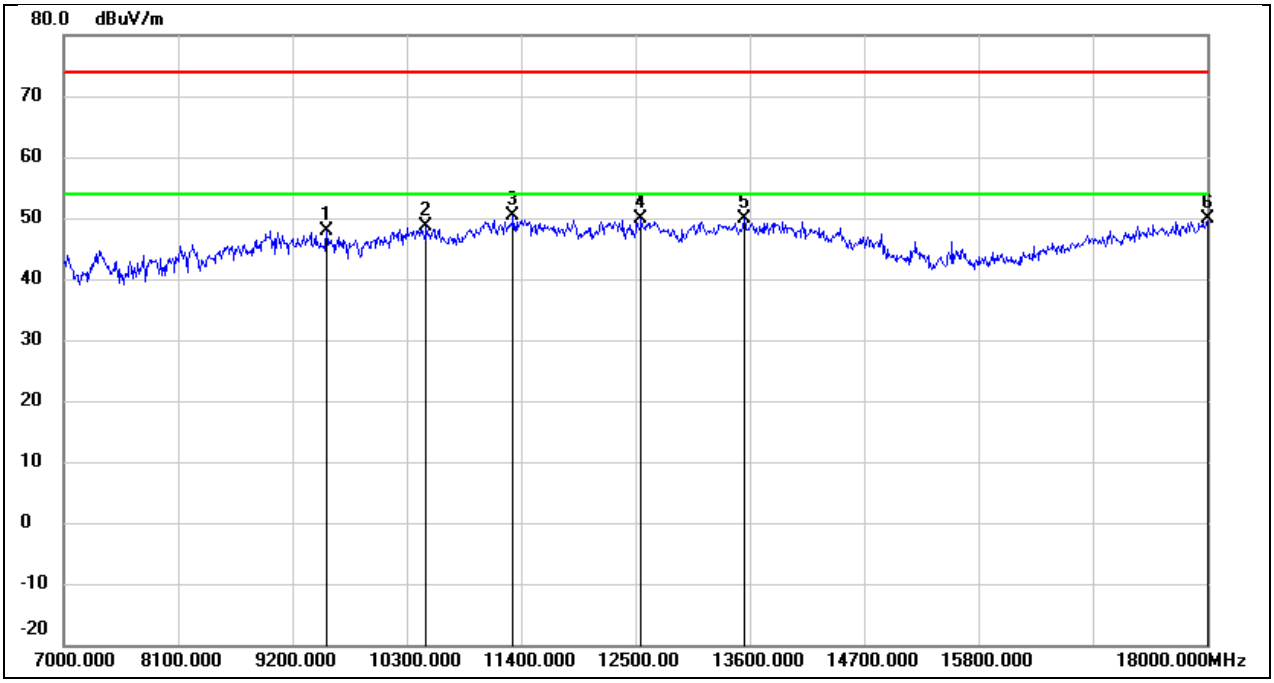
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	38.71	8.07	46.78	74.00	-27.22	peak
2	10476.000	36.41	13.44	49.85	74.00	-24.15	peak
3	11466.000	33.05	16.78	49.83	74.00	-24.17	peak
4	12544.000	31.95	18.46	50.41	74.00	-23.59	peak
5	13952.000	27.63	22.51	50.14	74.00	-23.86	peak
6	17989.000	23.31	26.92	50.23	74.00	-23.77	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



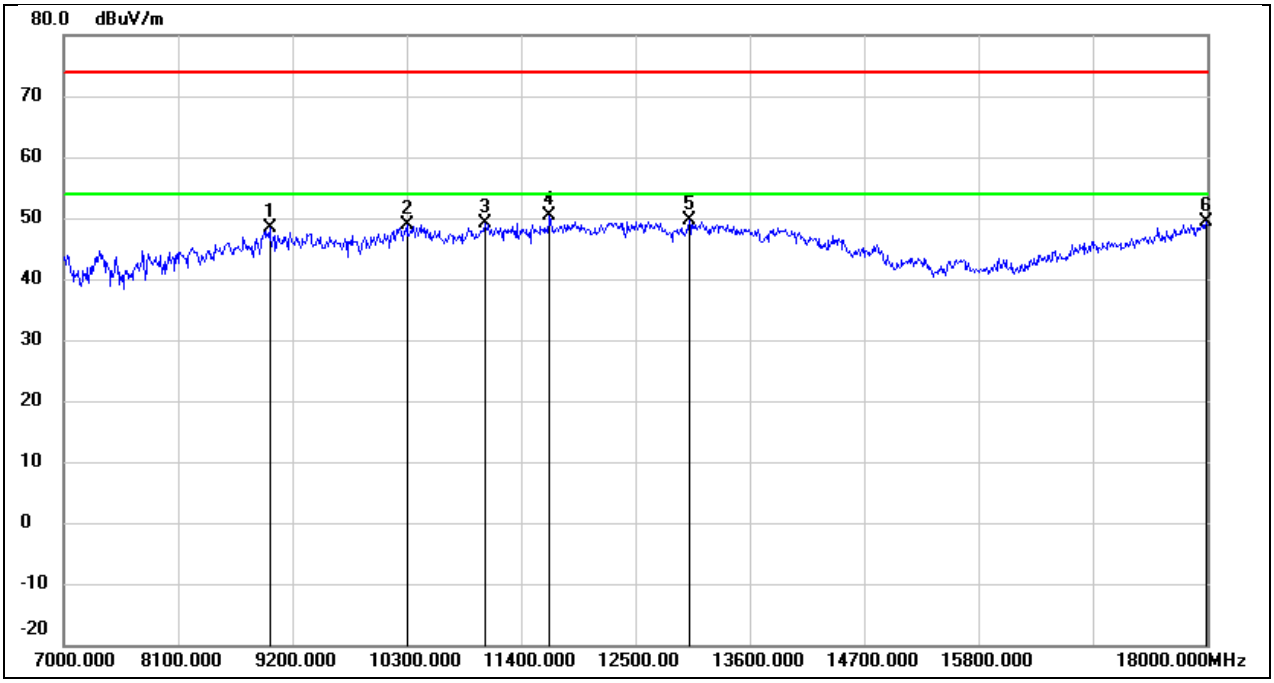
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9827.000	36.55	11.56	48.11	74.00	-25.89	peak
2	10421.000	35.81	13.29	49.10	74.00	-24.90	peak
3	11070.000	34.86	15.04	49.90	74.00	-24.10	peak
4	12610.000	31.49	18.34	49.83	74.00	-24.17	peak
5	13633.000	28.72	21.59	50.31	74.00	-23.69	peak
6	17934.000	23.22	26.69	49.91	74.00	-24.09	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



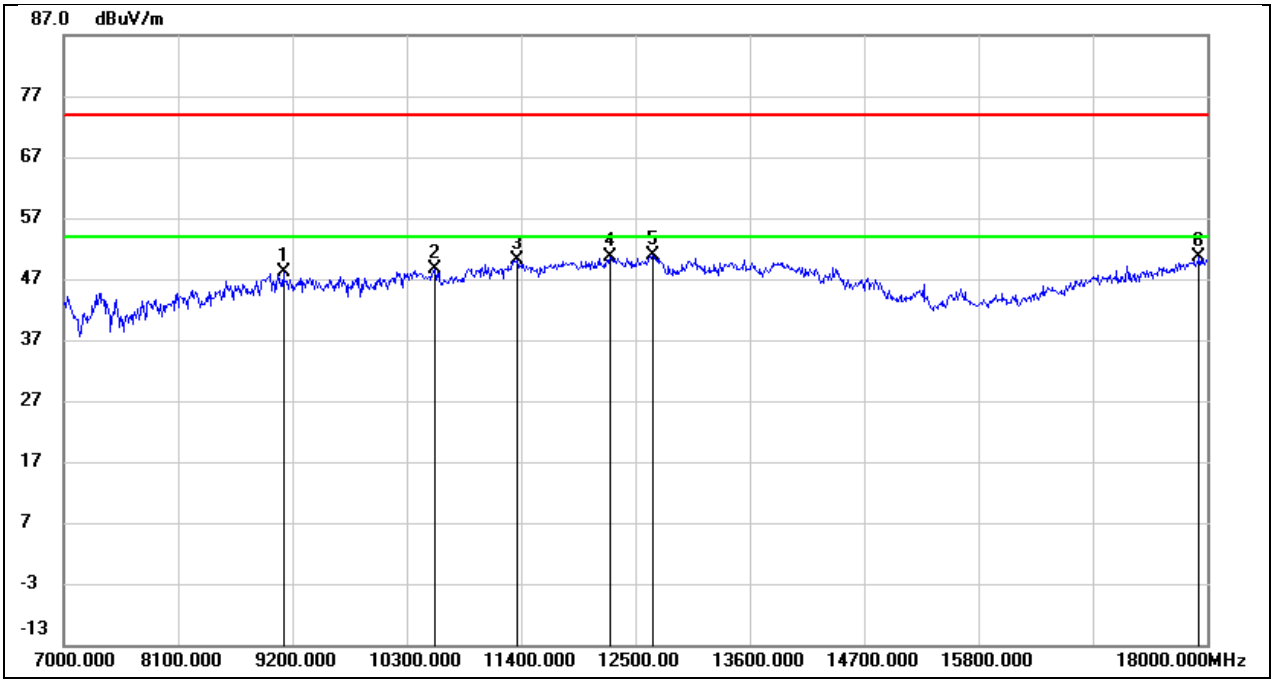
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9530.000	36.94	10.91	47.85	74.00	-26.15	peak
2	10487.000	35.05	13.46	48.51	74.00	-25.49	peak
3	11323.000	34.32	16.10	50.42	74.00	-23.58	peak
4	12555.000	31.33	18.43	49.76	74.00	-24.24	peak
5	13545.000	28.57	21.41	49.98	74.00	-24.02	peak
6	18000.000	22.86	26.97	49.83	74.00	-24.17	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5839.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



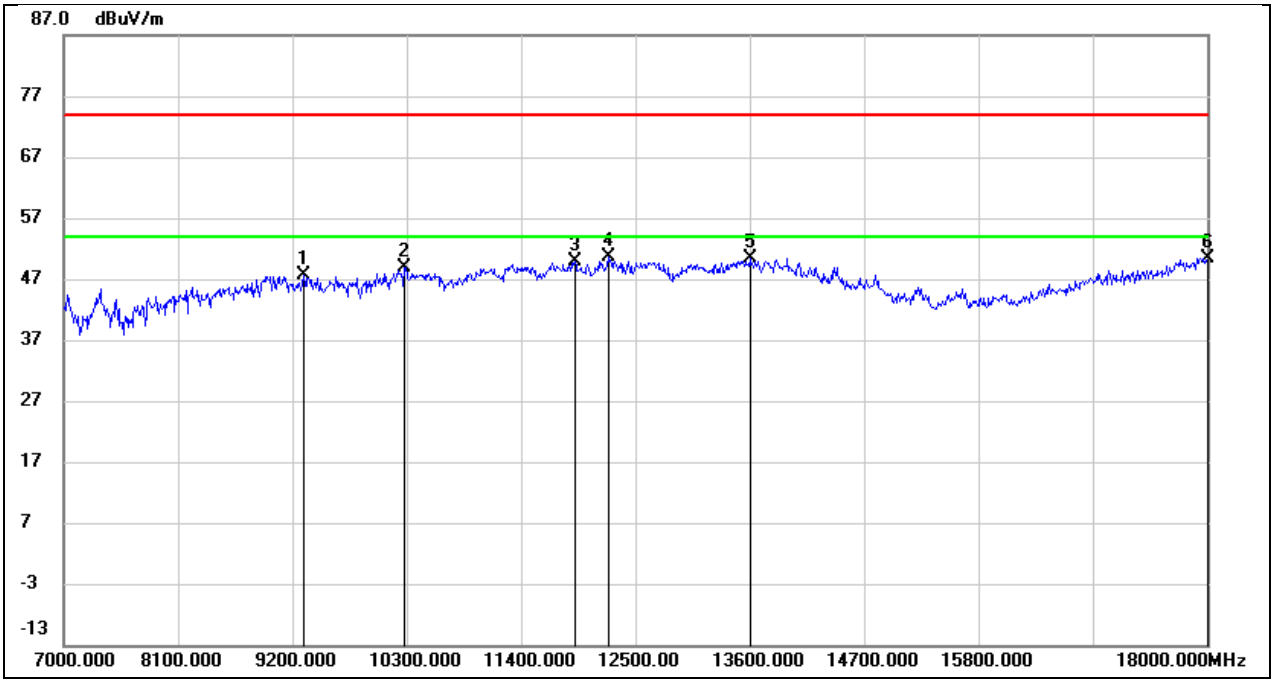
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.77	11.57	48.34	74.00	-25.66	peak
2	10300.000	36.19	12.78	48.97	74.00	-25.03	peak
3	11048.000	34.11	14.99	49.10	74.00	-24.90	peak
4	11675.000	33.05	17.22	50.27	74.00	-23.73	peak
5	13017.000	30.37	19.18	49.55	74.00	-24.45	peak
6	17989.000	22.40	26.92	49.32	74.00	-24.68	peak

Test Mode:	SRD 20MHz	Frequency(MHz):	5839.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



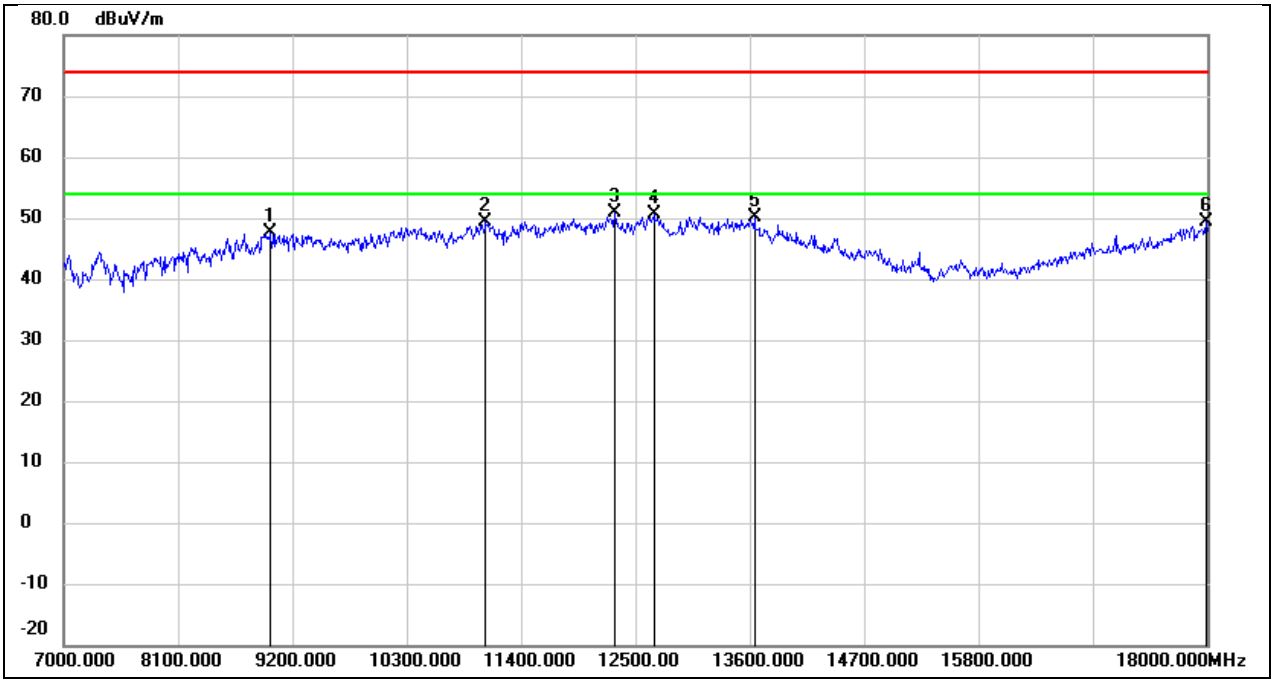
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	37.38	10.85	48.23	74.00	-25.77	peak
2	10575.000	34.86	13.70	48.56	74.00	-25.44	peak
3	11367.000	33.83	16.37	50.20	74.00	-23.80	peak
4	12258.000	31.97	18.70	50.67	74.00	-23.33	peak
5	12665.000	32.40	18.48	50.88	74.00	-23.12	peak
6	17923.000	23.89	26.64	50.53	74.00	-23.47	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5745.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



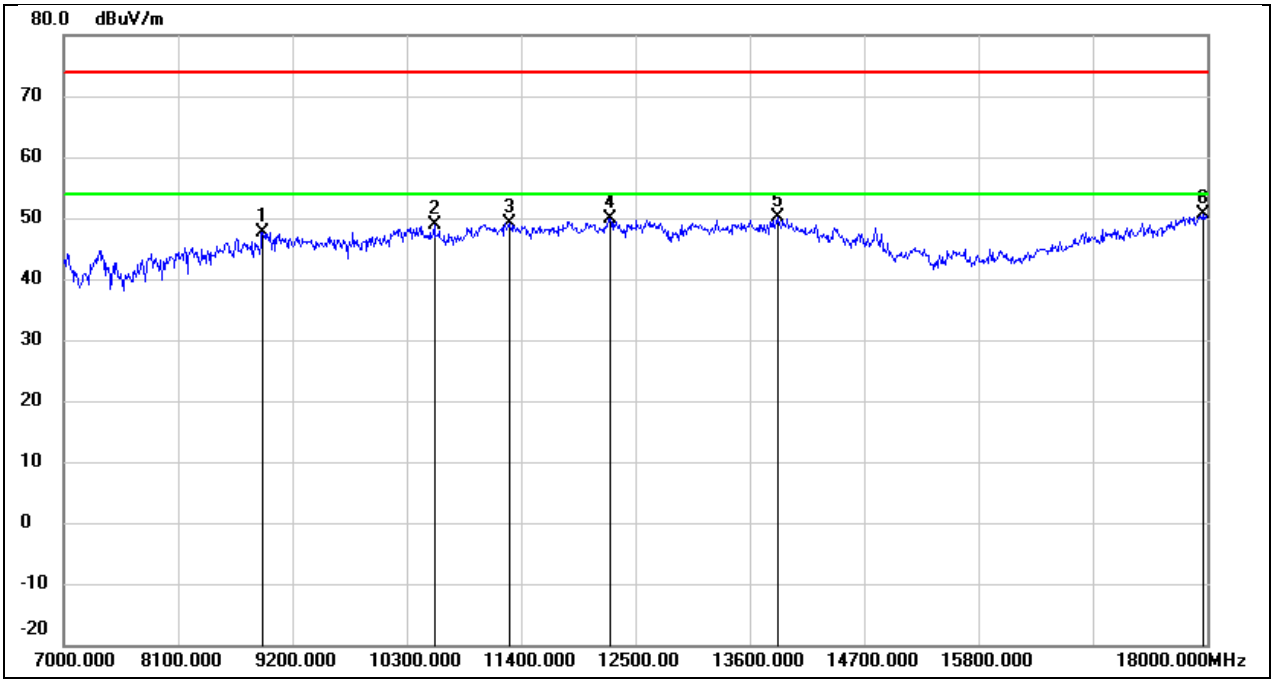
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	37.28	10.39	47.67	74.00	-26.33	peak
2	10278.000	36.12	12.69	48.81	74.00	-25.19	peak
3	11917.000	31.77	18.16	49.93	74.00	-24.07	peak
4	12236.000	32.07	18.66	50.73	74.00	-23.27	peak
5	13600.000	29.04	21.42	50.46	74.00	-23.54	peak
6	18000.000	23.52	26.97	50.49	74.00	-23.51	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5745.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



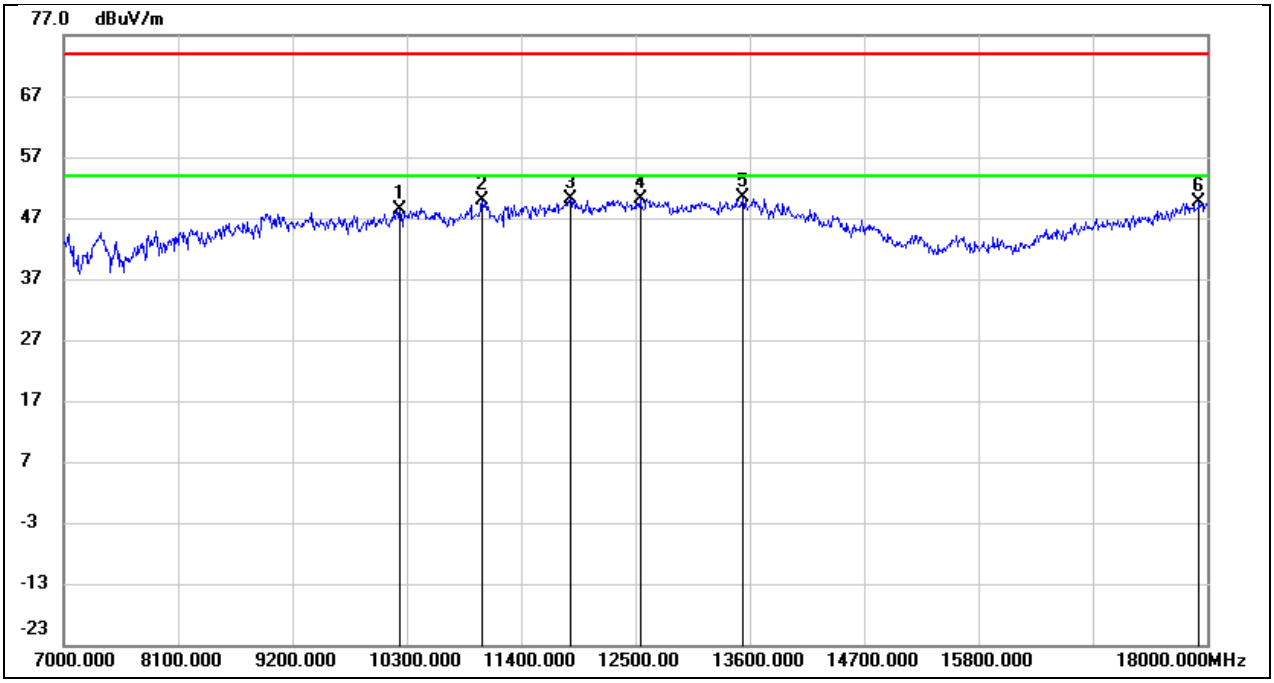
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	35.99	11.73	47.72	74.00	-26.28	peak
2	11059.000	34.41	15.02	49.43	74.00	-24.57	peak
3	12302.000	31.97	18.79	50.76	74.00	-23.24	peak
4	12676.000	32.03	18.50	50.53	74.00	-23.47	peak
5	13644.000	28.47	21.64	50.11	74.00	-23.89	peak
6	17989.000	22.40	26.92	49.32	74.00	-24.68	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



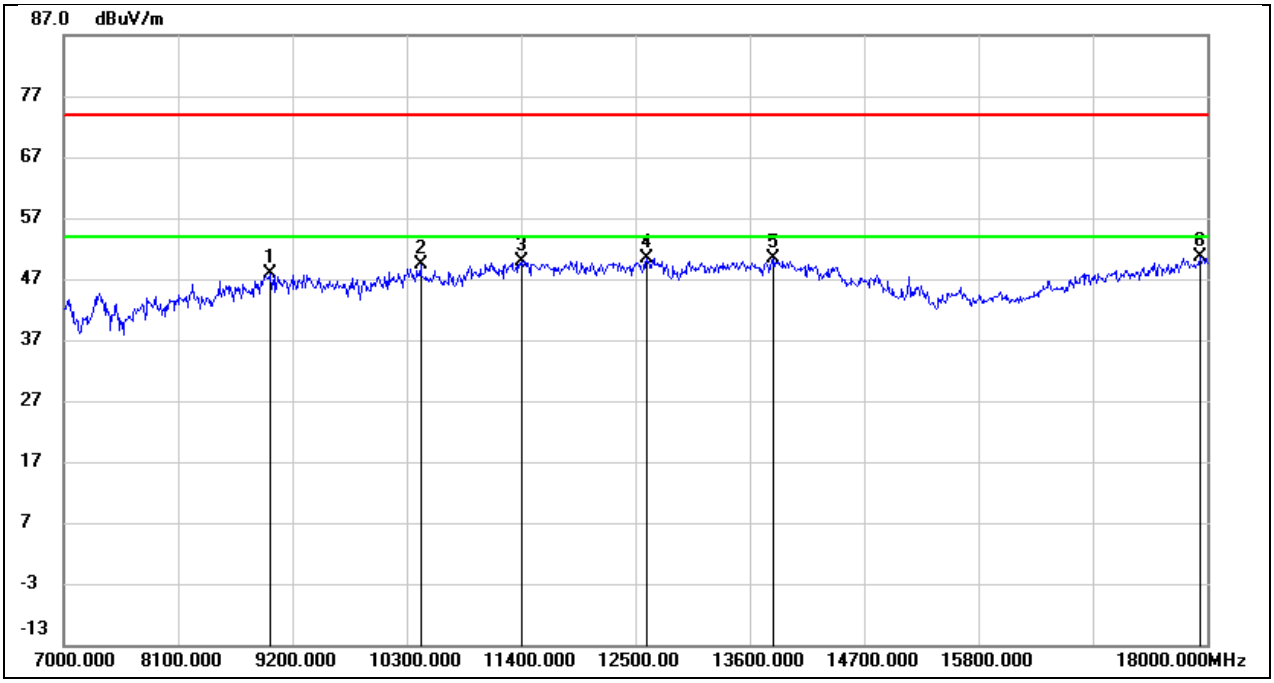
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8914.000	37.07	10.58	47.65	74.00	-26.35	peak
2	10564.000	35.16	13.68	48.84	74.00	-25.16	peak
3	11290.000	33.34	15.89	49.23	74.00	-24.77	peak
4	12258.000	31.29	18.70	49.99	74.00	-24.01	peak
5	13875.000	27.70	22.46	50.16	74.00	-23.84	peak
6	17956.000	23.76	26.78	50.54	74.00	-23.46	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



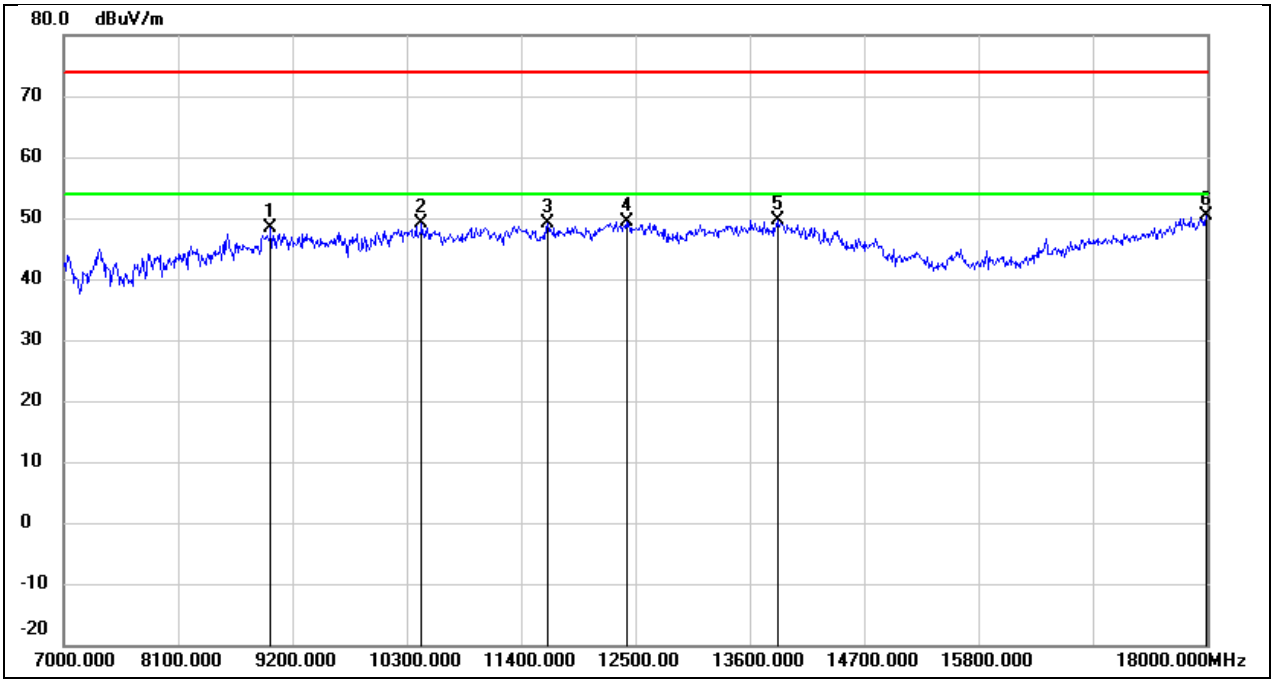
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10234.000	35.85	12.49	48.34	74.00	-25.66	peak
2	11026.000	34.85	14.95	49.80	74.00	-24.20	peak
3	11873.000	32.23	17.94	50.17	74.00	-23.83	peak
4	12544.000	31.79	18.46	50.25	74.00	-23.75	peak
5	13534.000	28.96	21.41	50.37	74.00	-23.63	peak
6	17923.000	22.96	26.64	49.60	74.00	-24.40	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5829.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



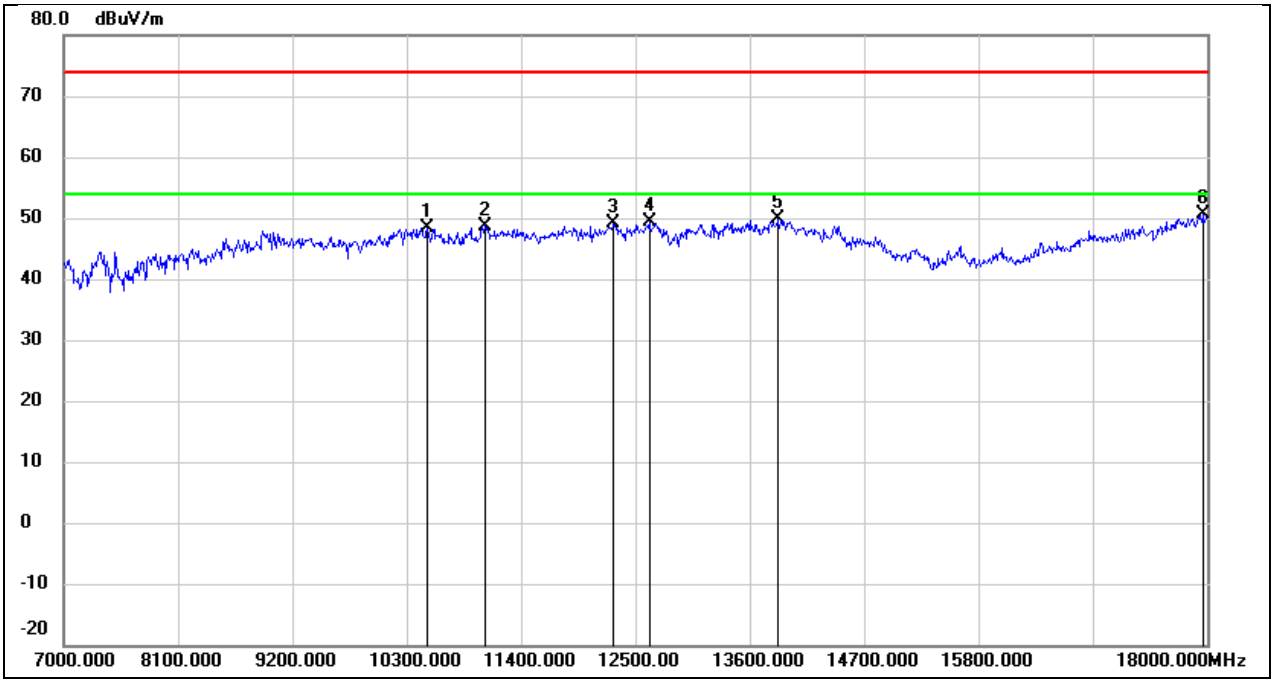
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.17	11.73	47.90	74.00	-26.10	peak
2	10432.000	36.04	13.31	49.35	74.00	-24.65	peak
3	11400.000	33.23	16.57	49.80	74.00	-24.20	peak
4	12610.000	32.14	18.34	50.48	74.00	-23.52	peak
5	13831.000	28.05	22.44	50.49	74.00	-23.51	peak
6	17934.000	23.87	26.69	50.56	74.00	-23.44	peak

Test Mode:	SRD 40MHz	Frequency(MHz):	5829.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



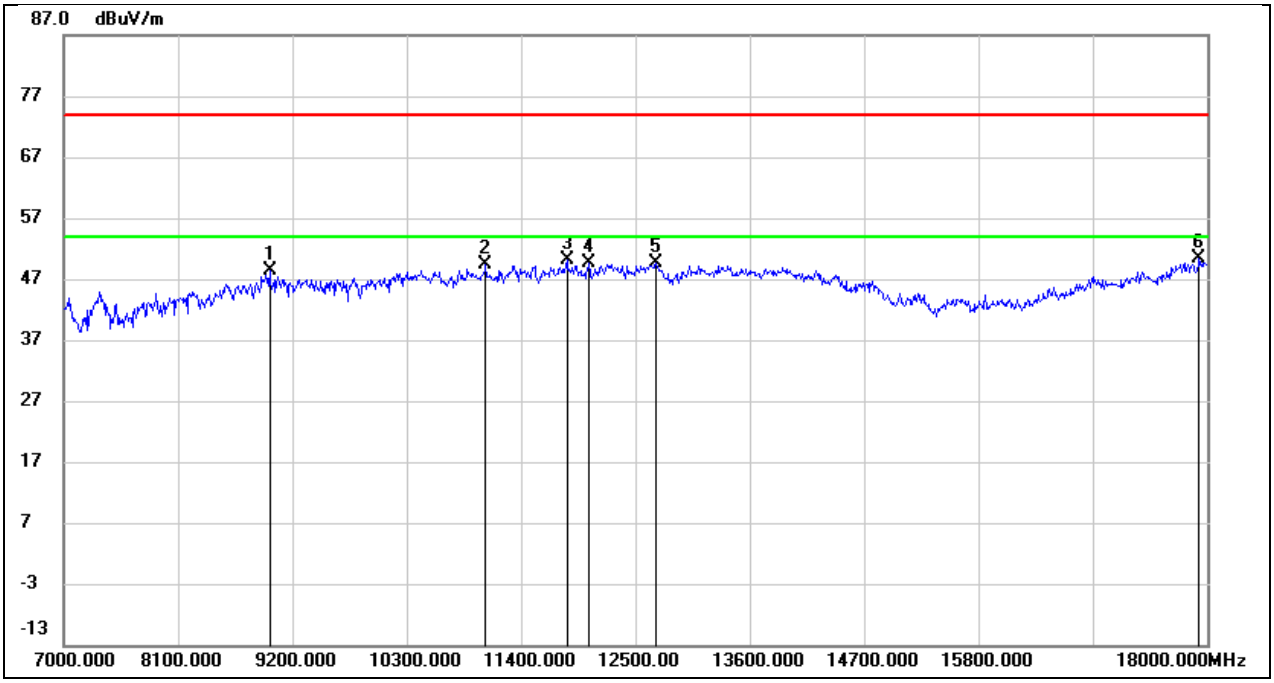
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.72	11.73	48.45	74.00	-25.55	peak
2	10443.000	35.73	13.35	49.08	74.00	-24.92	peak
3	11653.000	31.98	17.16	49.14	74.00	-24.86	peak
4	12412.000	30.50	18.94	49.44	74.00	-24.56	peak
5	13864.000	27.21	22.45	49.66	74.00	-24.34	peak
6	17989.000	23.52	26.92	50.44	74.00	-23.56	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5755.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



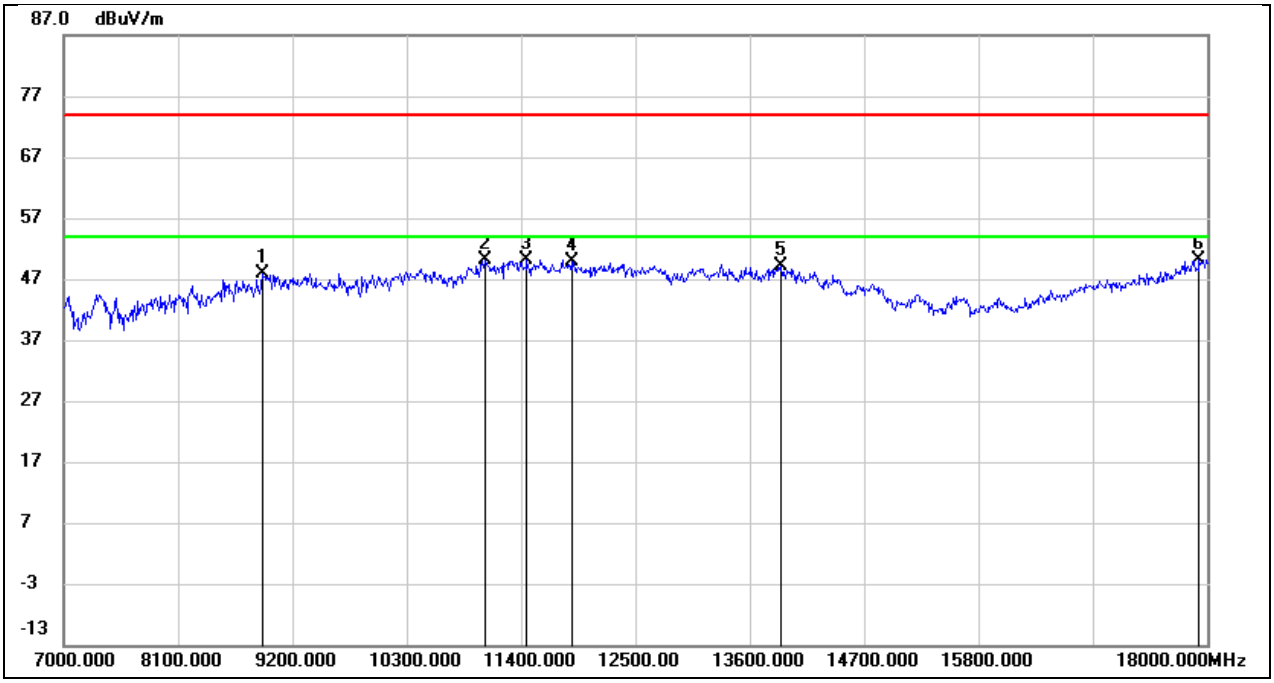
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10498.000	34.86	13.50	48.36	74.00	-25.64	peak
2	11059.000	33.73	15.02	48.75	74.00	-25.25	peak
3	12291.000	30.32	18.77	49.09	74.00	-24.91	peak
4	12632.000	31.07	18.40	49.47	74.00	-24.53	peak
5	13875.000	27.48	22.46	49.94	74.00	-24.06	peak
6	17956.000	23.82	26.78	50.60	74.00	-23.40	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5755.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



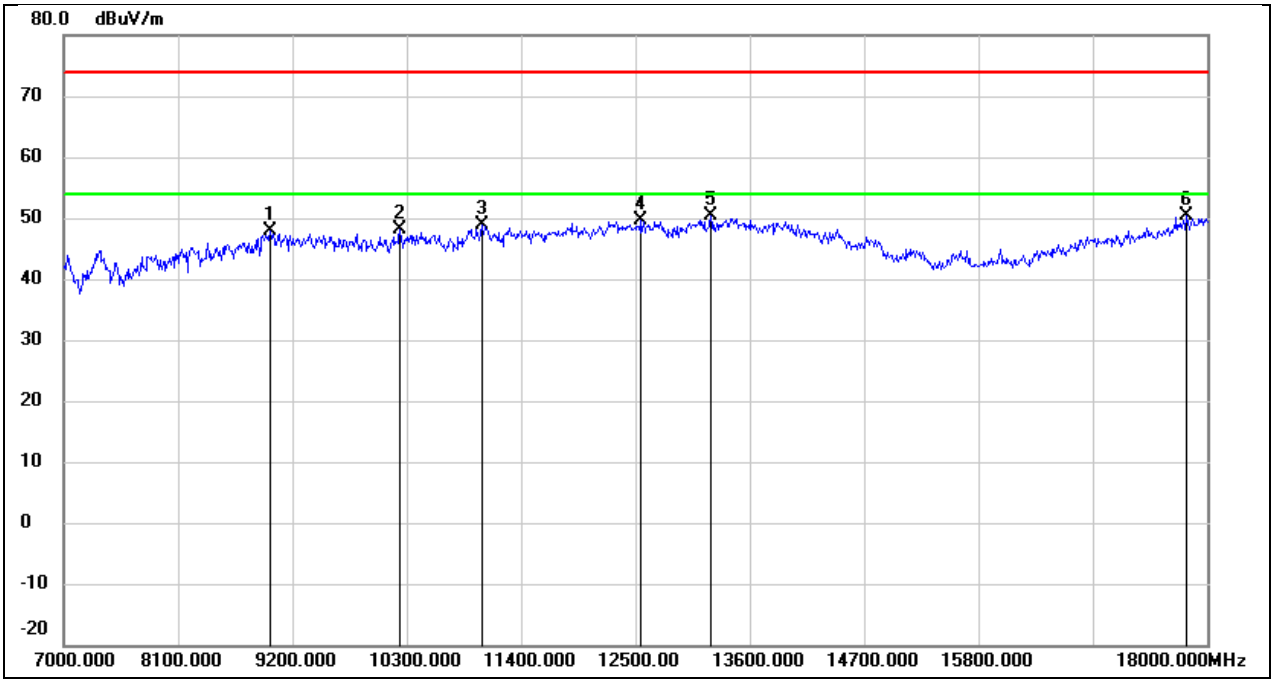
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.75	11.57	48.32	74.00	-25.68	peak
2	11059.000	34.43	15.02	49.45	74.00	-24.55	peak
3	11840.000	32.31	17.76	50.07	74.00	-23.93	peak
4	12049.000	31.10	18.60	49.70	74.00	-24.30	peak
5	12698.000	30.99	18.56	49.55	74.00	-24.45	peak
6	17923.000	23.73	26.64	50.37	74.00	-23.63	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



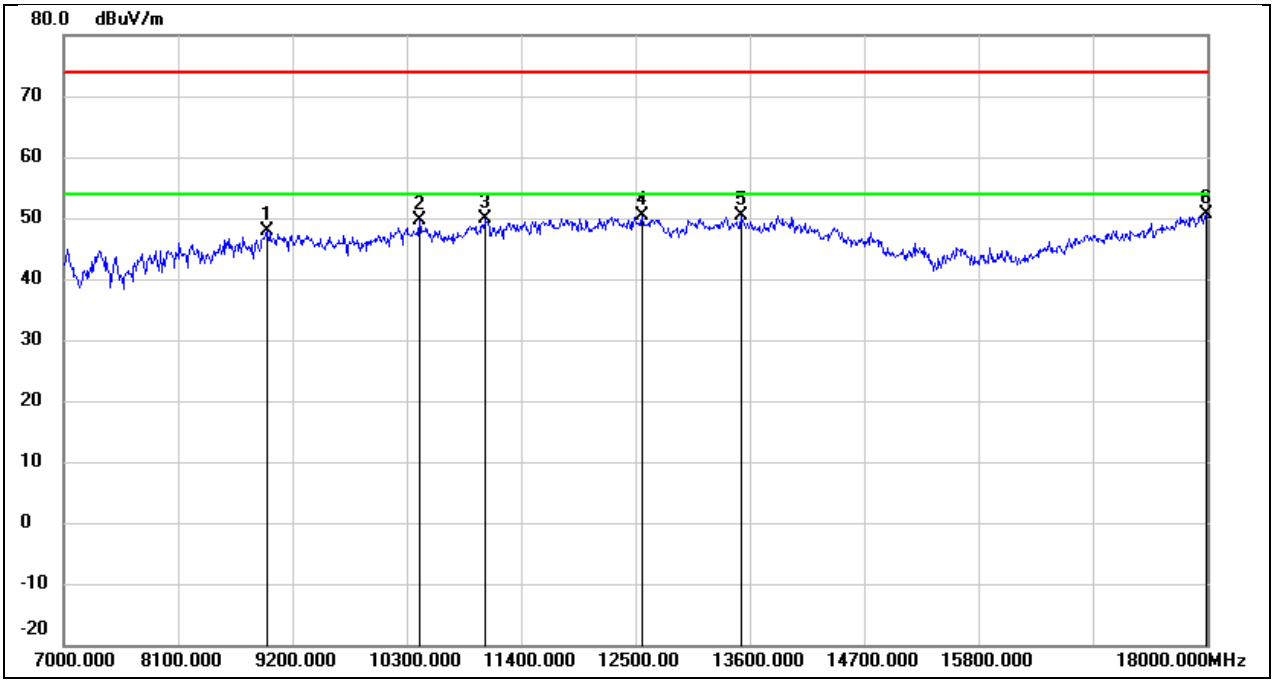
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8914.000	37.22	10.58	47.80	74.00	-26.20	peak
2	11059.000	35.04	15.02	50.06	74.00	-23.94	peak
3	11455.000	33.47	16.74	50.21	74.00	-23.79	peak
4	11884.000	31.85	18.00	49.85	74.00	-24.15	peak
5	13897.000	26.78	22.47	49.25	74.00	-24.75	peak
6	17923.000	23.51	26.64	50.15	74.00	-23.85	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



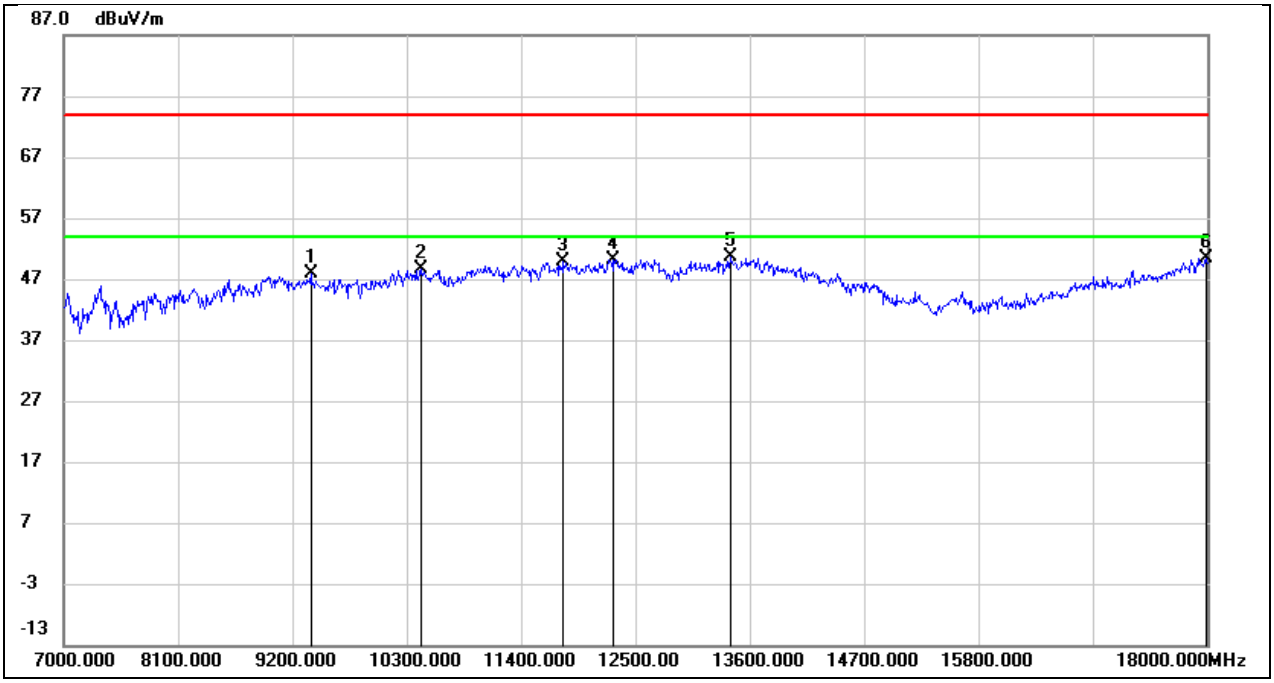
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.37	11.57	47.94	74.00	-26.06	peak
2	10234.000	35.52	12.49	48.01	74.00	-25.99	peak
3	11026.000	33.84	14.95	48.79	74.00	-25.21	peak
4	12555.000	31.19	18.43	49.62	74.00	-24.38	peak
5	13226.000	30.18	20.16	50.34	74.00	-23.66	peak
6	17802.000	24.37	26.13	50.50	74.00	-23.50	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5819.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



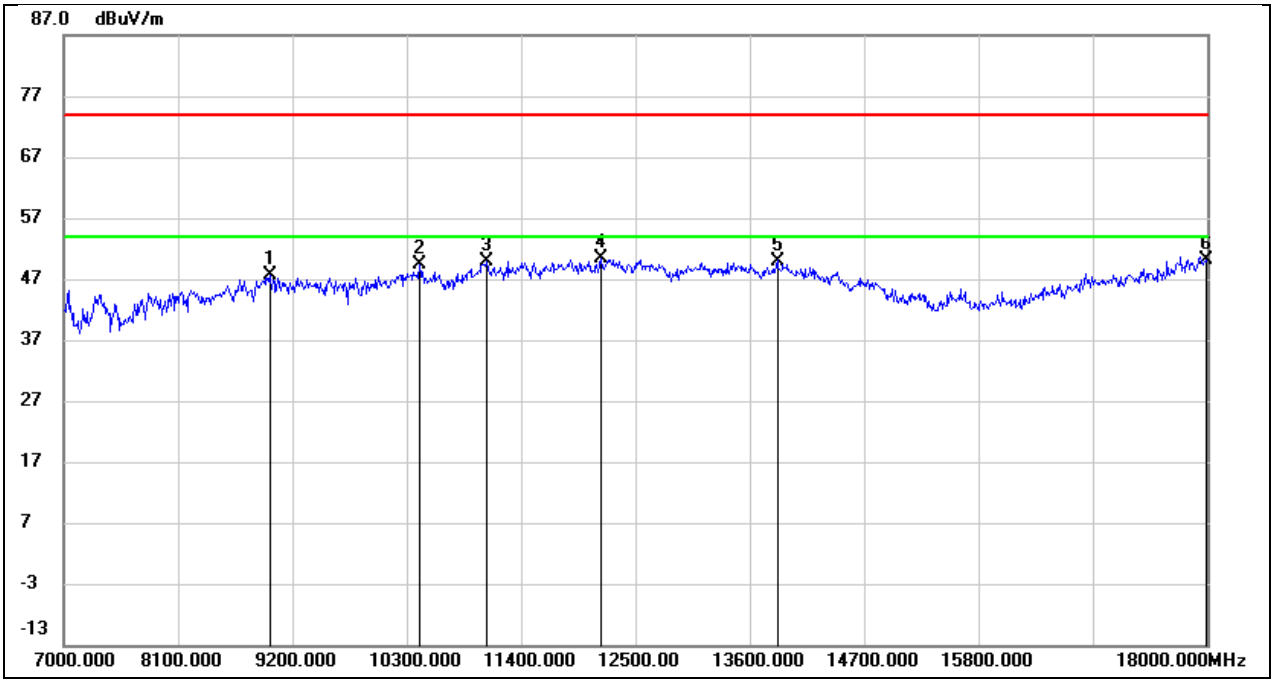
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.66	11.24	47.90	74.00	-26.10	peak
2	10421.000	36.22	13.29	49.51	74.00	-24.49	peak
3	11059.000	34.89	15.02	49.91	74.00	-24.09	peak
4	12566.000	32.00	18.40	50.40	74.00	-23.60	peak
5	13512.000	28.86	21.41	50.27	74.00	-23.73	peak
6	17989.000	23.64	26.92	50.56	74.00	-23.44	peak

Test Mode:	SRD 60MHz	Frequency(MHz):	5819.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



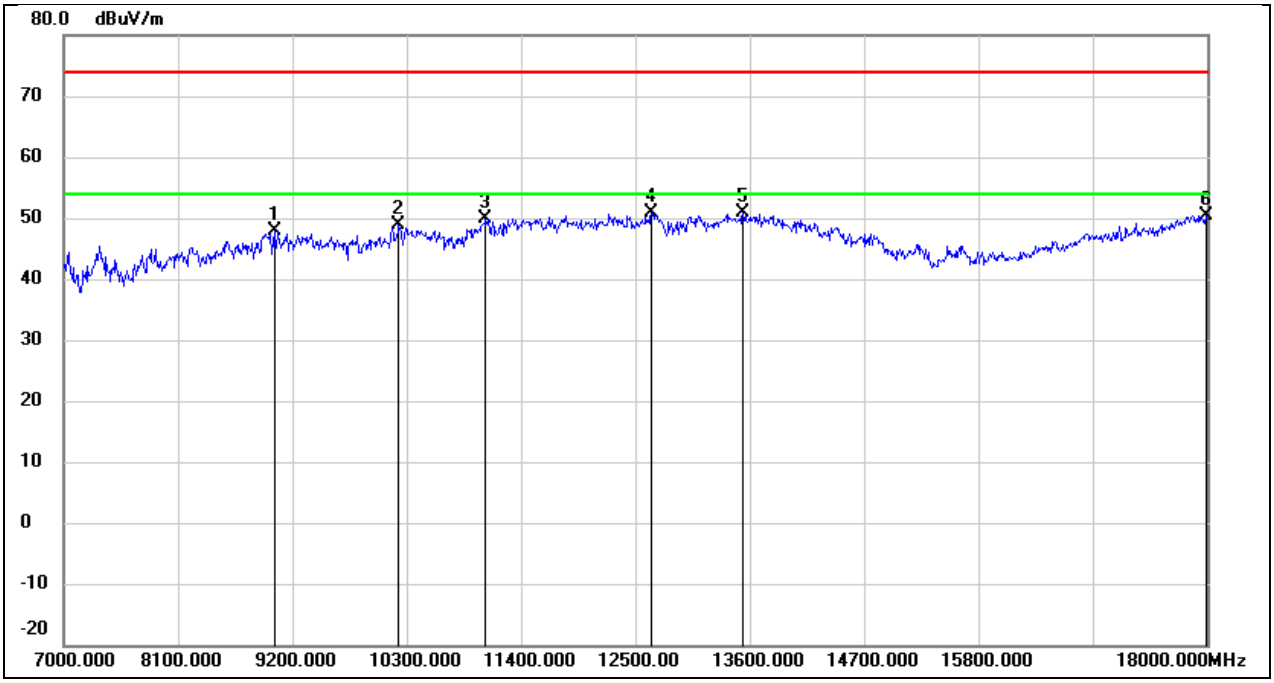
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.35	10.60	47.95	74.00	-26.05	peak
2	10432.000	35.25	13.31	48.56	74.00	-25.44	peak
3	11807.000	32.19	17.60	49.79	74.00	-24.21	peak
4	12291.000	31.43	18.77	50.20	74.00	-23.80	peak
5	13413.000	29.42	21.16	50.58	74.00	-23.42	peak
6	17989.000	23.40	26.92	50.32	74.00	-23.68	peak

Test Mode:	SRD 80MHz	Frequency(MHz):	5765.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



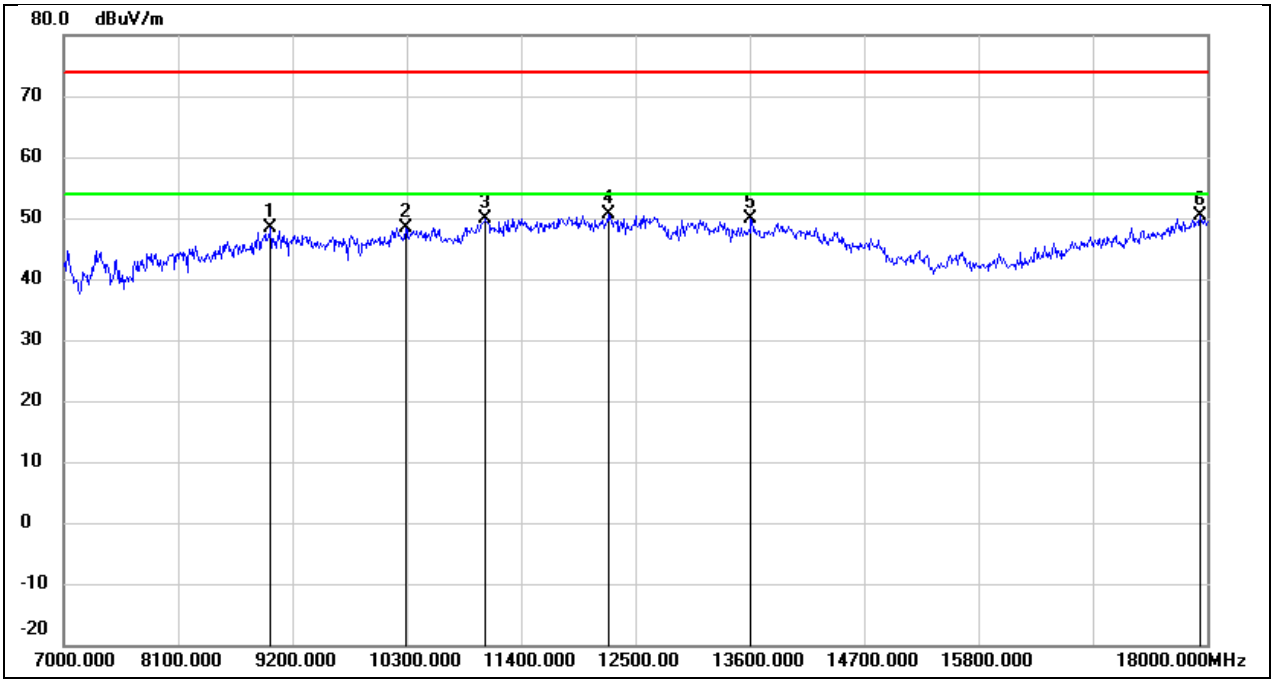
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.06	11.57	47.63	74.00	-26.37	peak
2	10421.000	36.13	13.29	49.42	74.00	-24.58	peak
3	11070.000	34.88	15.04	49.92	74.00	-24.08	peak
4	12170.000	31.68	18.58	50.26	74.00	-23.74	peak
5	13864.000	27.55	22.45	50.00	74.00	-24.00	peak
6	17989.000	23.28	26.92	50.20	74.00	-23.80	peak

Test Mode:	SRD 80MHz	Frequency(MHz):	5765.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



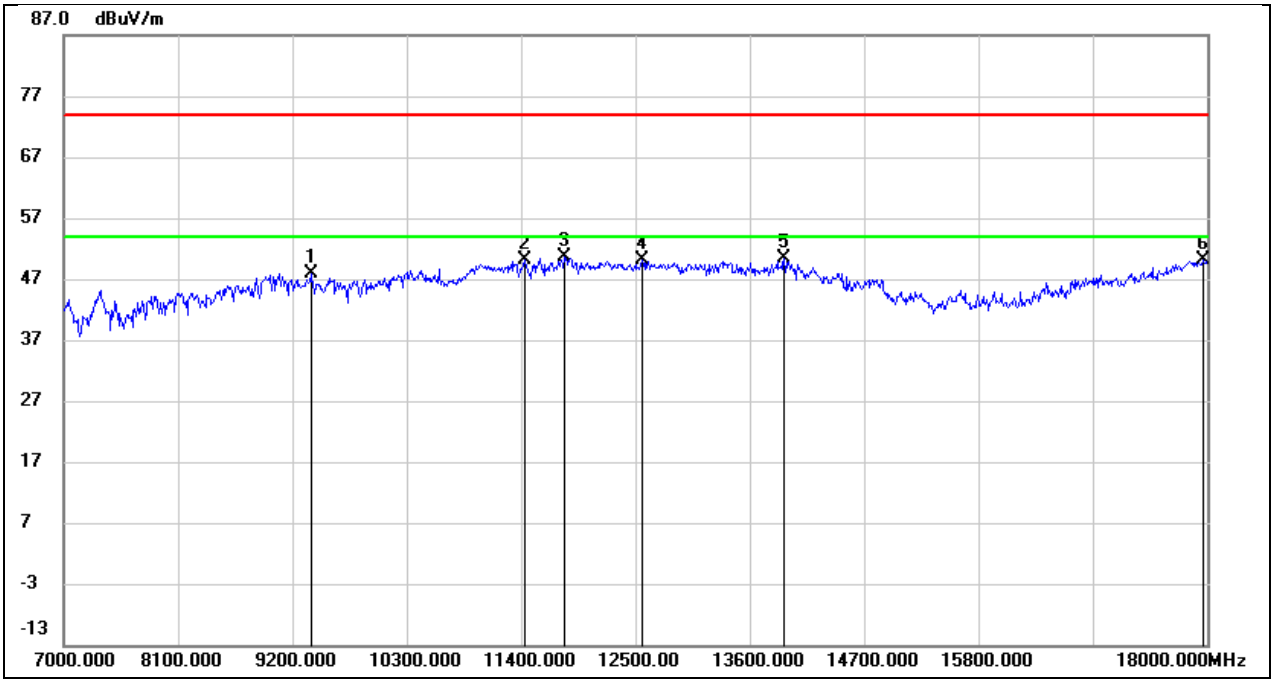
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9024.000	36.22	11.65	47.87	74.00	-26.13	peak
2	10223.000	36.50	12.44	48.94	74.00	-25.06	peak
3	11059.000	34.96	15.02	49.98	74.00	-24.02	peak
4	12654.000	32.46	18.44	50.90	74.00	-23.10	peak
5	13534.000	29.37	21.41	50.78	74.00	-23.22	peak
6	17989.000	23.49	26.92	50.41	74.00	-23.59	peak

Test Mode:	SRD 80MHz	Frequency(MHz):	5787.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



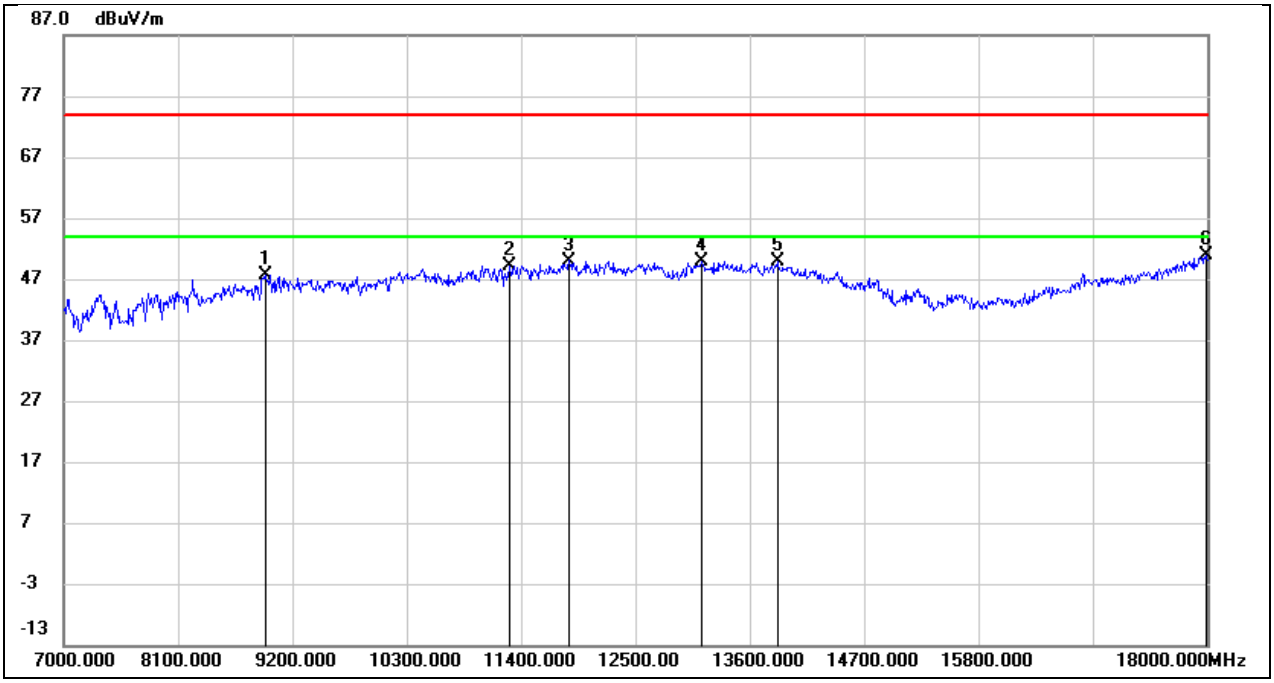
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.68	11.73	48.41	74.00	-25.59	peak
2	10289.000	35.75	12.74	48.49	74.00	-25.51	peak
3	11059.000	34.95	15.02	49.97	74.00	-24.03	peak
4	12236.000	32.05	18.66	50.71	74.00	-23.29	peak
5	13611.000	28.36	21.48	49.84	74.00	-24.16	peak
6	17934.000	23.59	26.69	50.28	74.00	-23.72	peak

Test Mode:	SRD 80MHz	Frequency(MHz):	5787.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



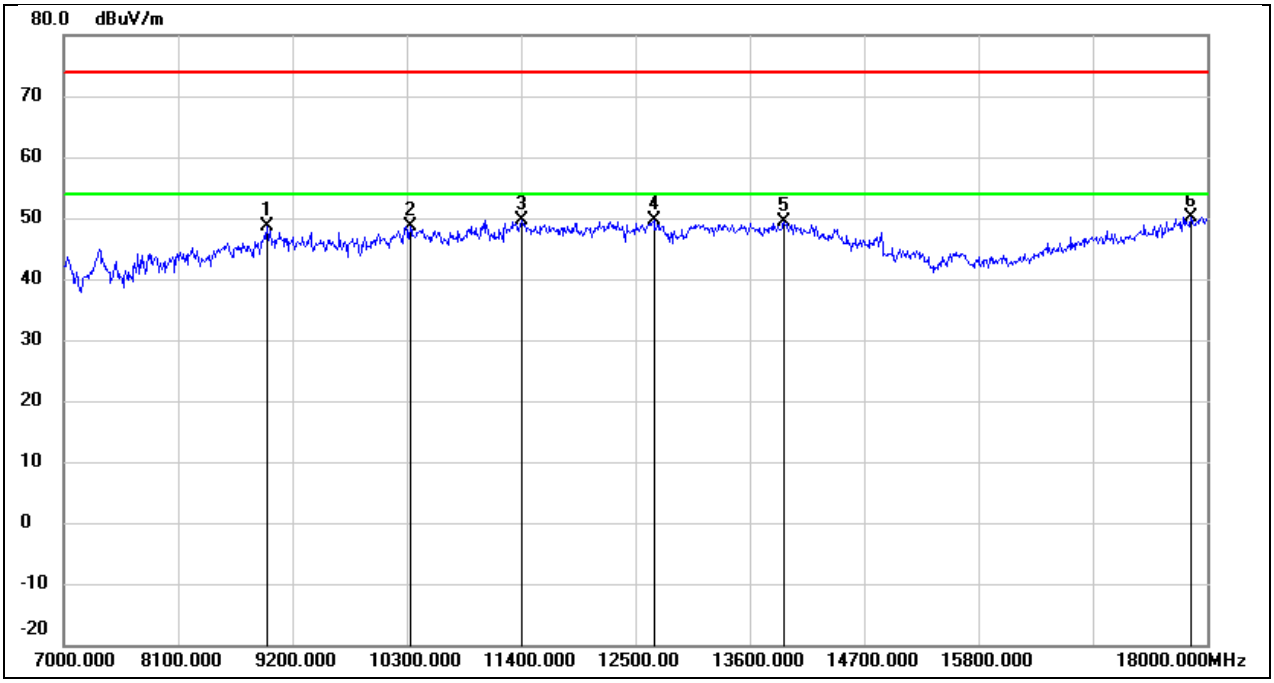
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.37	10.60	47.97	74.00	-26.03	peak
2	11433.000	33.48	16.68	50.16	74.00	-23.84	peak
3	11818.000	32.93	17.65	50.58	74.00	-23.42	peak
4	12566.000	31.82	18.40	50.22	74.00	-23.78	peak
5	13930.000	27.97	22.50	50.47	74.00	-23.53	peak
6	17967.000	23.36	26.83	50.19	74.00	-23.81	peak

Test Mode:	SRD 80MHz	Frequency(MHz):	5809.5
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.80	10.91	47.71	74.00	-26.29	peak
2	11290.000	33.18	15.89	49.07	74.00	-24.93	peak
3	11862.000	32.12	17.88	50.00	74.00	-24.00	peak
4	13138.000	30.11	19.73	49.84	74.00	-24.16	peak
5	13864.000	27.55	22.45	50.00	74.00	-24.00	peak
6	17989.000	23.91	26.92	50.83	74.00	-23.17	peak

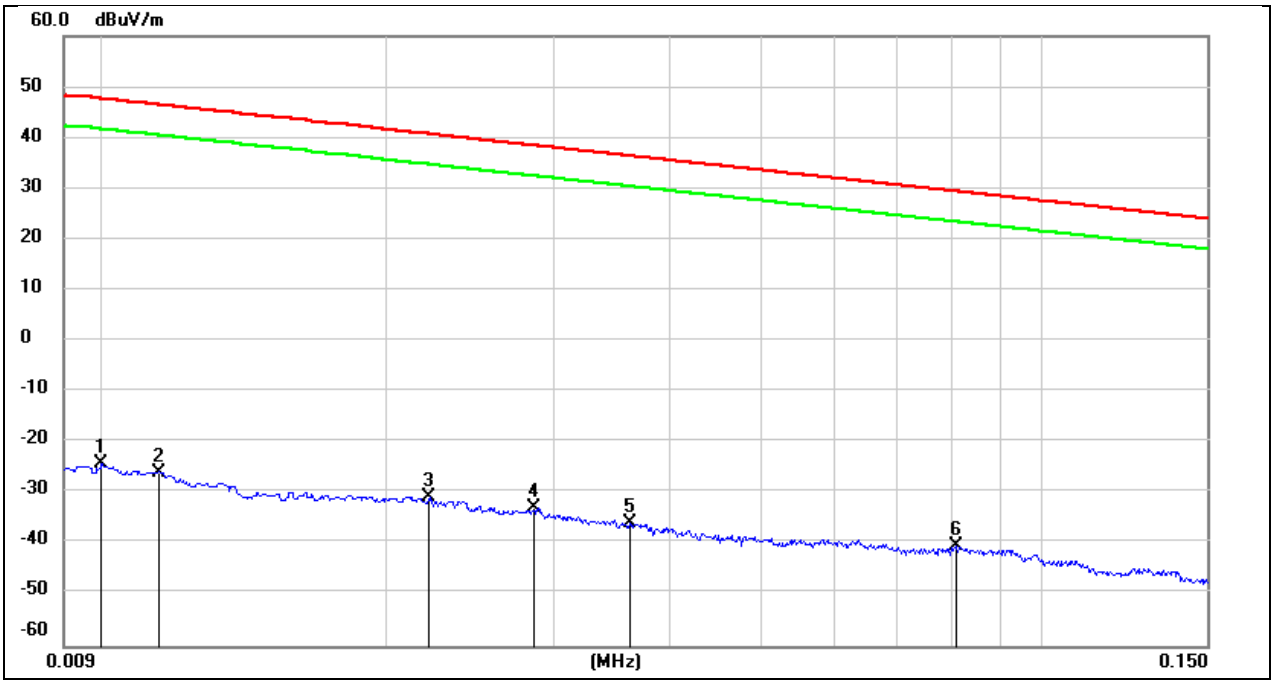
Test Mode:	SRD 80MHz	Frequency(MHz):	5809.5
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	37.48	11.24	48.72	74.00	-25.28	peak
2	10333.000	35.76	12.93	48.69	74.00	-25.31	peak
3	11411.000	33.15	16.60	49.75	74.00	-24.25	peak
4	12676.000	31.21	18.50	49.71	74.00	-24.29	peak
5	13930.000	26.85	22.50	49.35	74.00	-24.65	peak
6	17846.000	23.86	26.32	50.18	74.00	-23.82	peak

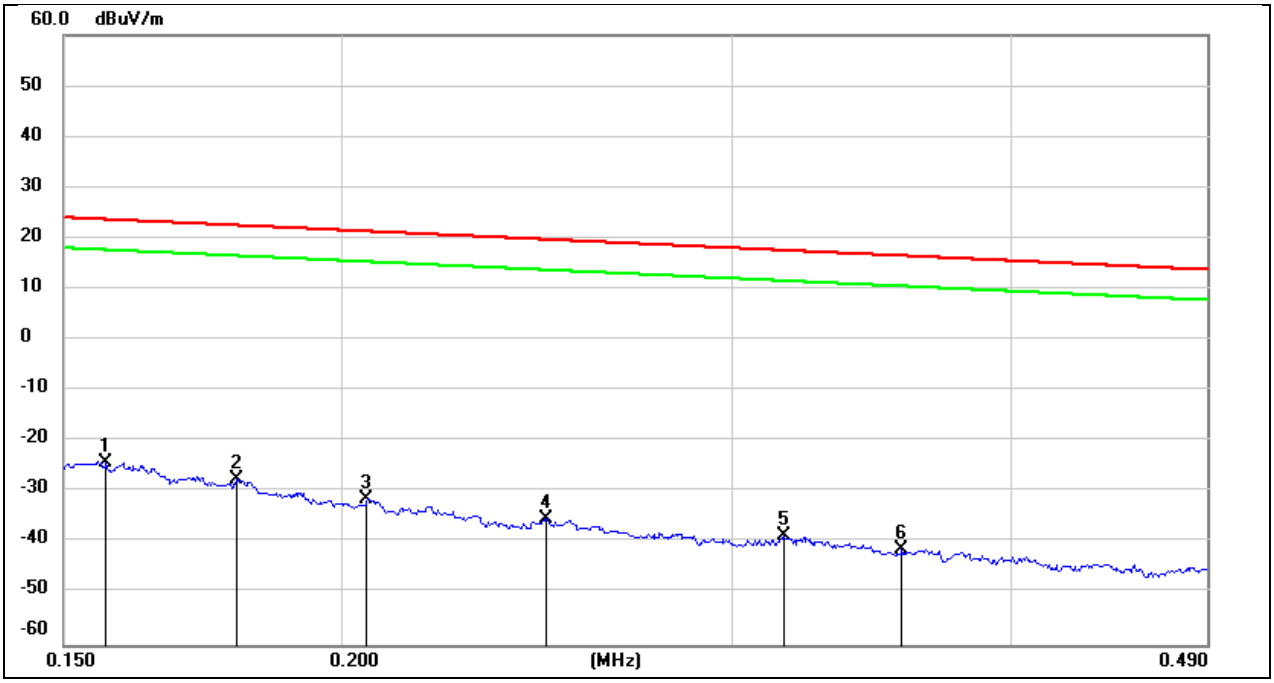
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



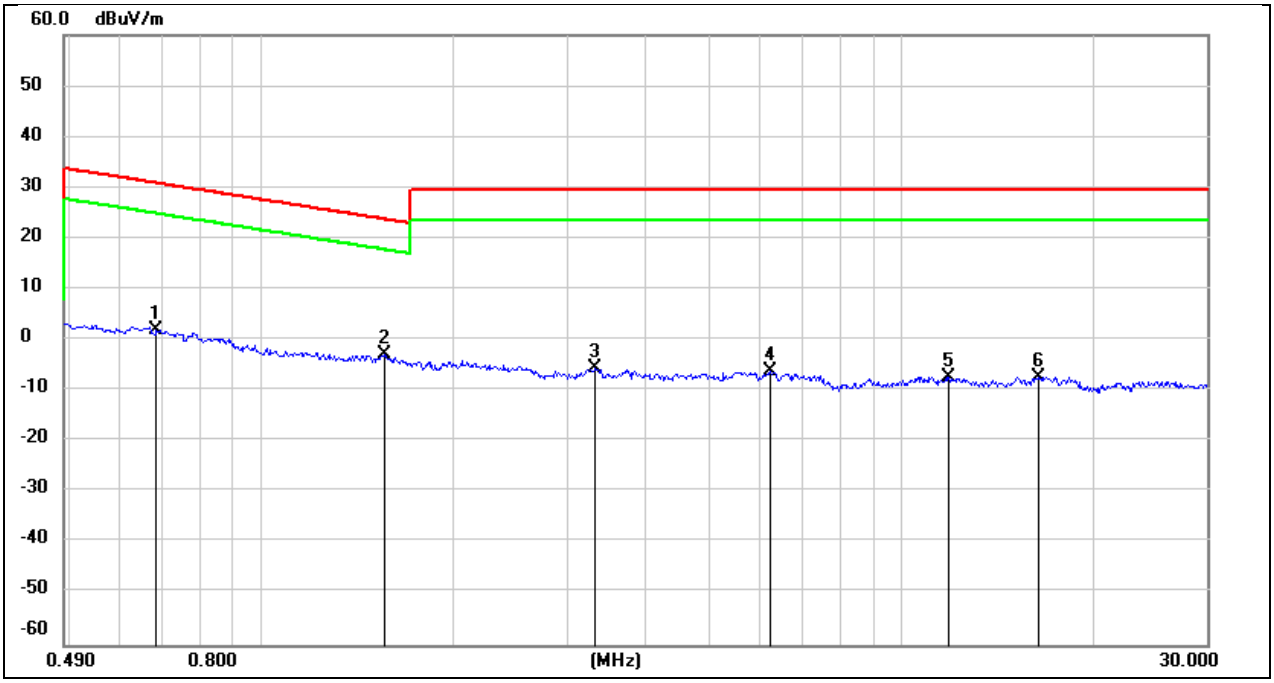
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	77.22	-101.40	-24.18	47.60	-71.78	peak
2	0.0114	75.50	-101.40	-25.90	46.46	-72.36	peak
3	0.0221	70.63	-101.35	-30.72	40.71	-71.43	peak
4	0.0286	68.46	-101.38	-32.92	38.47	-71.39	peak
5	0.0362	65.51	-101.42	-35.91	36.43	-72.34	peak
6	0.0806	61.18	-101.63	-40.45	29.47	-69.92	peak

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1567	77.45	-101.65	-24.20	23.70	-47.90	peak
2	0.1794	74.27	-101.68	-27.41	22.53	-49.94	peak
3	0.2053	70.29	-101.73	-31.44	21.35	-52.79	peak
4	0.2472	66.45	-101.80	-35.35	19.74	-55.09	peak
5	0.3163	63.20	-101.87	-38.67	17.60	-56.27	peak
6	0.3573	60.58	-101.91	-41.33	16.54	-57.87	peak

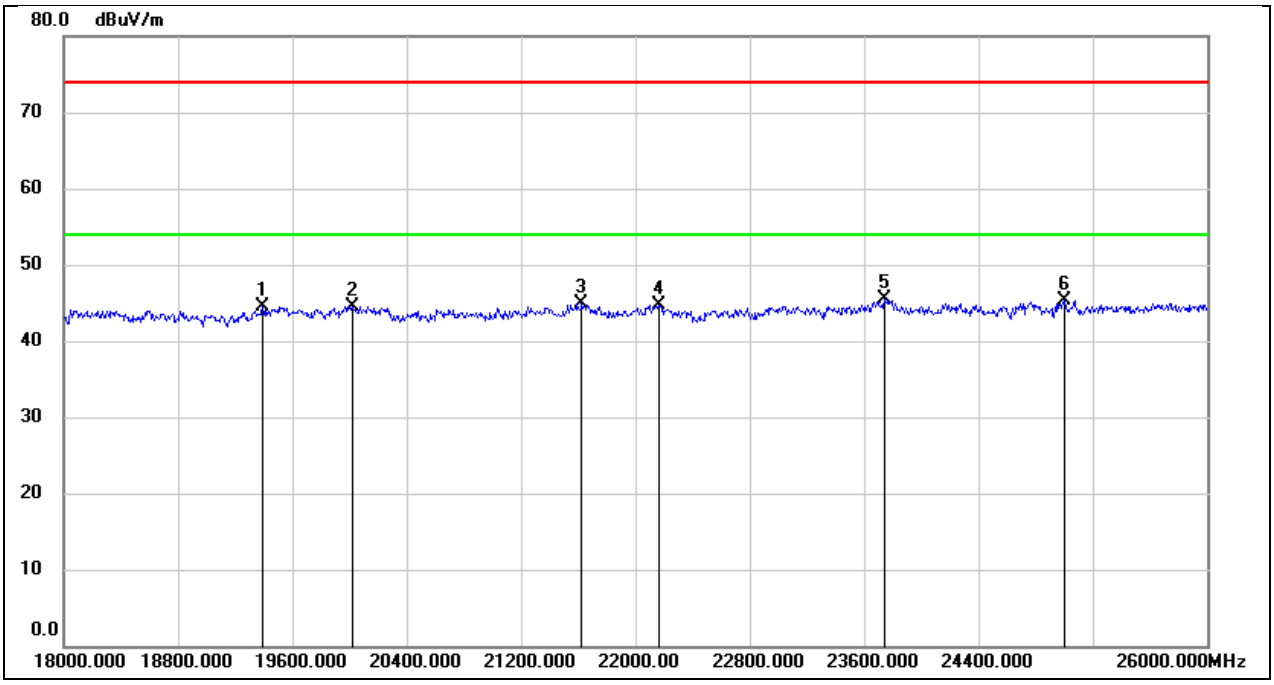
Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.6834	64.21	-62.11	2.10	30.91	-28.81	peak
2	1.5564	59.18	-62.02	-2.84	23.76	-26.60	peak
3	3.3229	55.89	-61.50	-5.61	29.54	-35.15	peak
4	6.2445	55.13	-61.32	-6.19	29.54	-35.73	peak
5	11.8513	53.56	-60.88	-7.32	29.54	-36.86	peak
6	16.3959	53.67	-60.96	-7.29	29.54	-36.83	peak

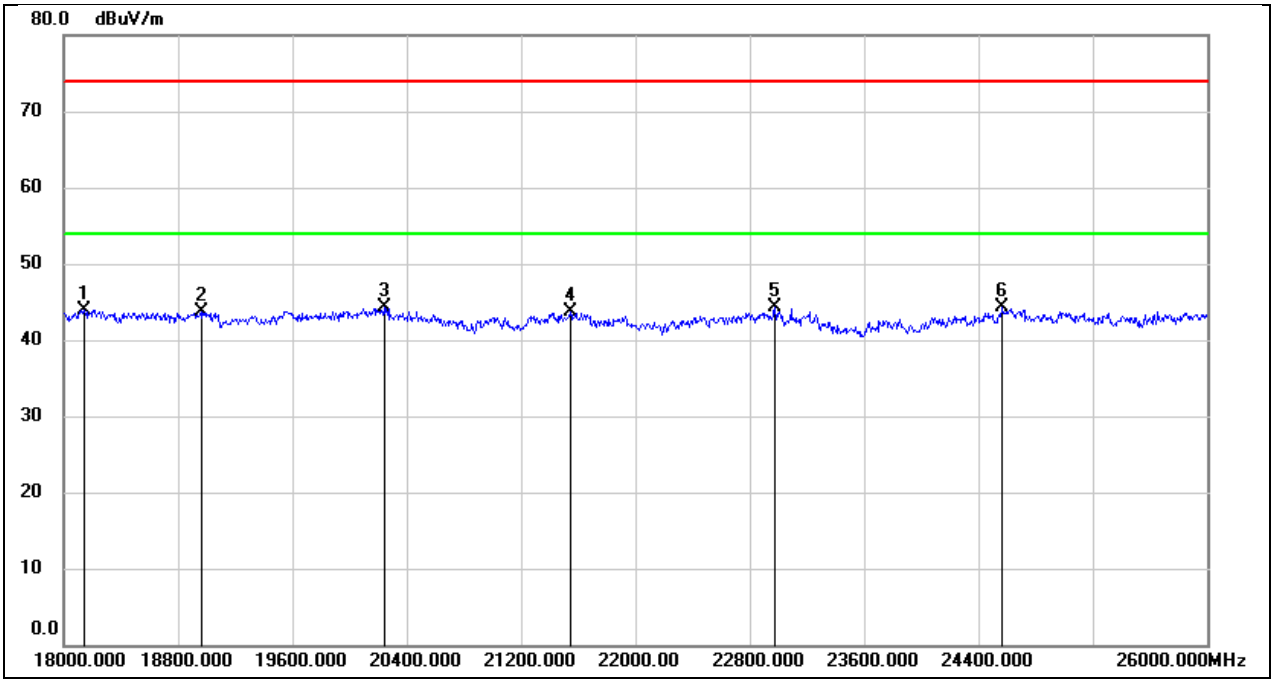
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19392.000	50.12	-5.57	44.55	74.00	-29.45	peak
2	20016.000	50.06	-5.47	44.59	74.00	-29.41	peak
3	21624.000	49.42	-4.51	44.91	74.00	-29.09	peak
4	22160.000	49.08	-4.31	44.77	74.00	-29.23	peak
5	23744.000	48.65	-3.20	45.45	74.00	-28.55	peak
6	25000.000	47.36	-2.10	45.26	74.00	-28.74	peak

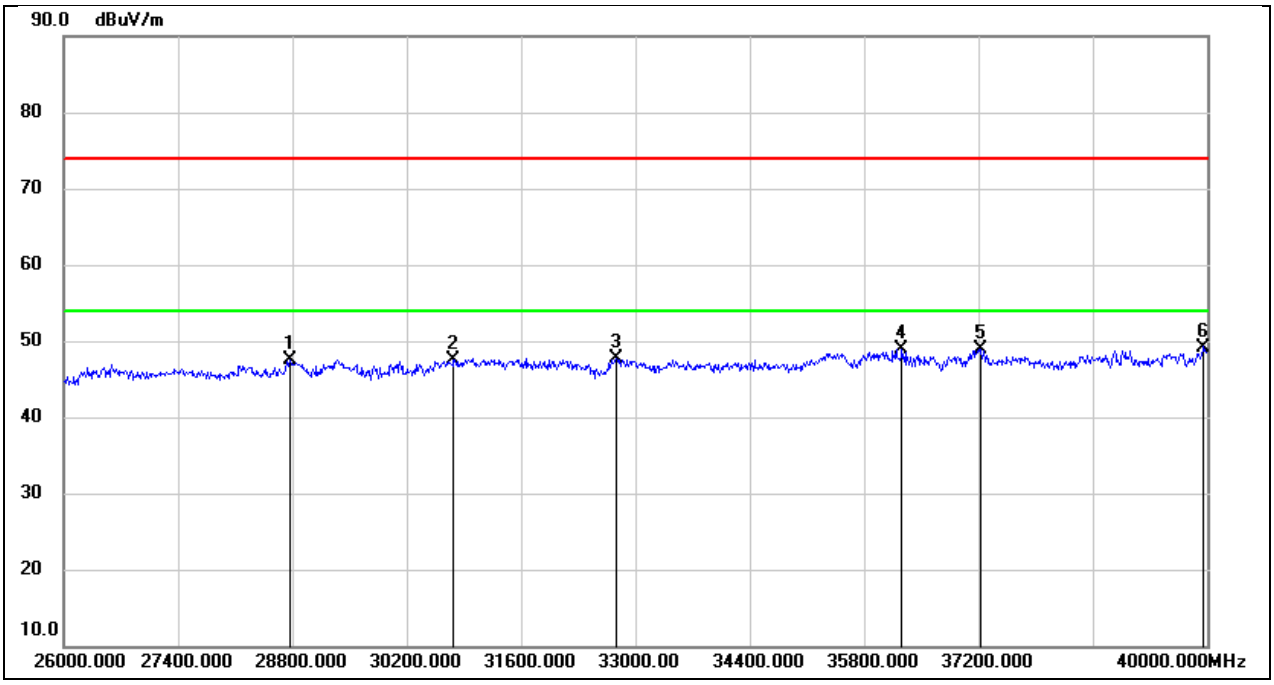
Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	49.38	-5.48	43.90	74.00	-30.10	peak
2	18960.000	49.01	-5.25	43.76	74.00	-30.24	peak
3	20240.000	49.82	-5.61	44.21	74.00	-29.79	peak
4	21544.000	48.26	-4.63	43.63	74.00	-30.37	peak
5	22976.000	47.76	-3.46	44.30	74.00	-29.70	peak
6	24568.000	46.60	-2.33	44.27	74.00	-29.73	peak

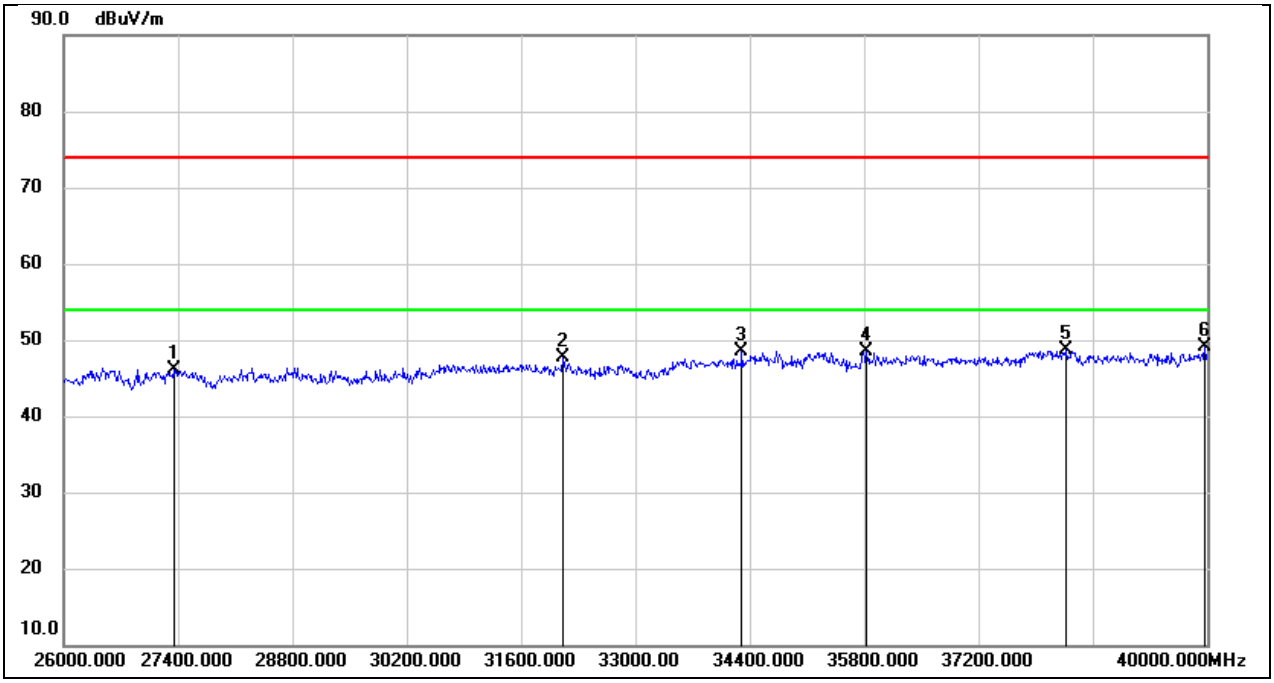
8.6. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ)

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28772.000	48.17	-0.59	47.58	74.00	-26.42	peak
2	30774.000	48.72	-1.13	47.59	74.00	-26.41	peak
3	32762.000	48.95	-1.21	47.74	74.00	-26.26	peak
4	36262.000	45.60	3.28	48.88	74.00	-25.12	peak
5	37228.000	45.73	3.14	48.87	74.00	-25.13	peak
6	39958.000	44.08	5.12	49.20	74.00	-24.80	peak

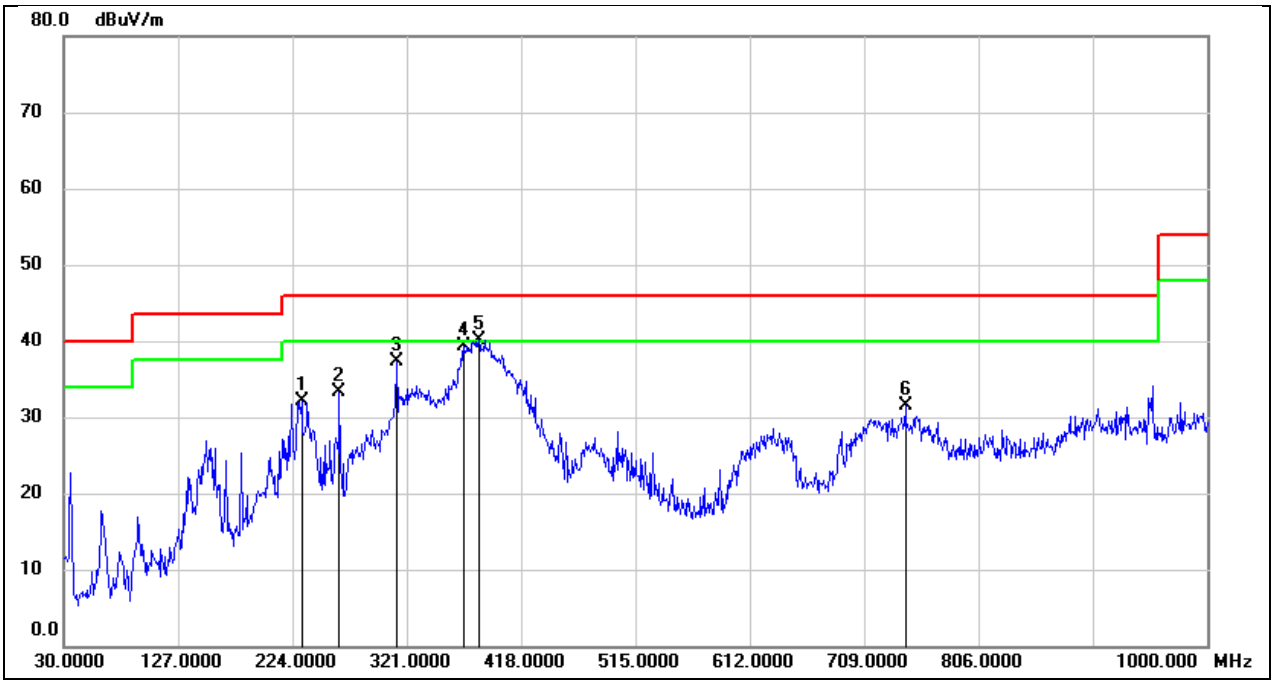
Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27344.000	50.10	-4.00	46.10	74.00	-27.90	peak
2	32104.000	49.49	-1.75	47.74	74.00	-26.26	peak
3	34302.000	47.45	1.10	48.55	74.00	-25.45	peak
4	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
5	38278.000	44.82	3.82	48.64	74.00	-25.36	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

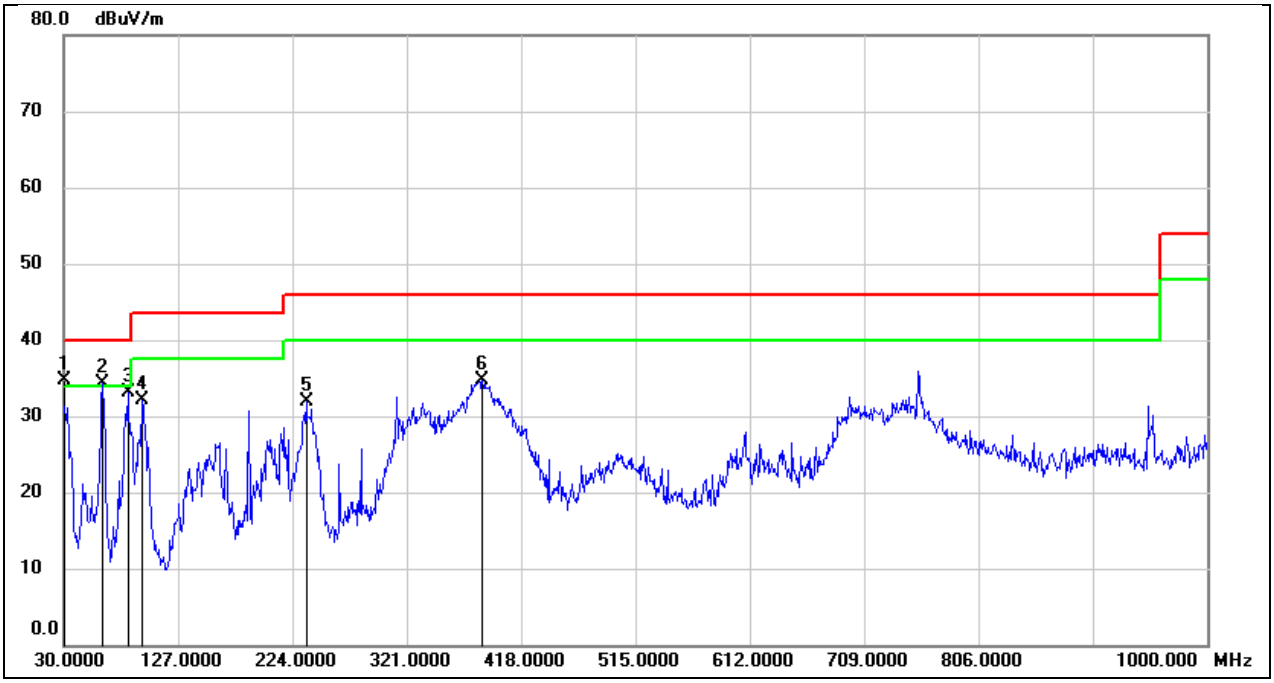
8.7. SPURIOUS EMISSIONS (30 MHZ ~ 1 GHZ)

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	231.7600	45.74	-13.63	32.11	46.00	-13.89	QP
2	263.7700	47.16	-13.94	33.22	46.00	-12.78	QP
3	312.2700	48.44	-11.19	37.25	46.00	-8.75	QP
4	369.5000	48.97	-9.66	39.31	46.00	-6.69	QP
5	382.1099	49.81	-9.71	40.10	46.00	-5.90	QP
6	743.9200	35.20	-3.64	31.56	46.00	-14.44	QP

Test Mode:	10 MHz	Channel:	5787.5 MHz
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	48.06	-13.34	34.72	40.00	-5.28	QP
2	62.9800	49.54	-15.31	34.23	40.00	-5.77	QP
3	84.3200	49.80	-16.75	33.05	40.00	-6.95	QP
4	96.9300	48.78	-16.76	32.02	43.50	-11.48	QP
5	235.6400	45.88	-13.89	31.99	46.00	-14.01	QP
6	385.0200	44.40	-9.71	34.69	46.00	-11.31	QP

9. 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

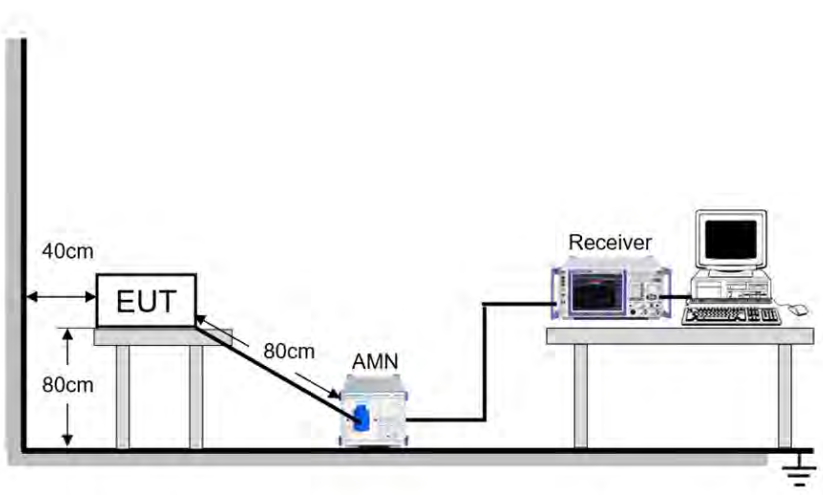
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

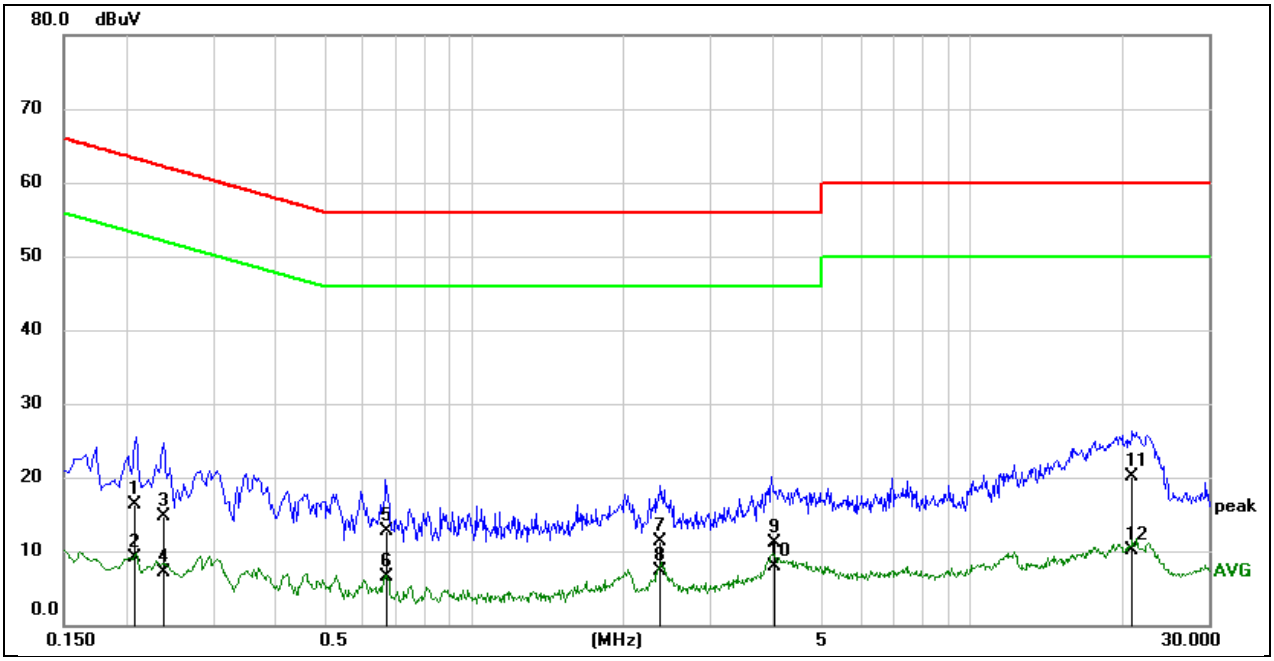


TEST ENVIRONMENT

Temperature	23.6 °C	Relative Humidity	53 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V/60 Hz

TEST RESULTS

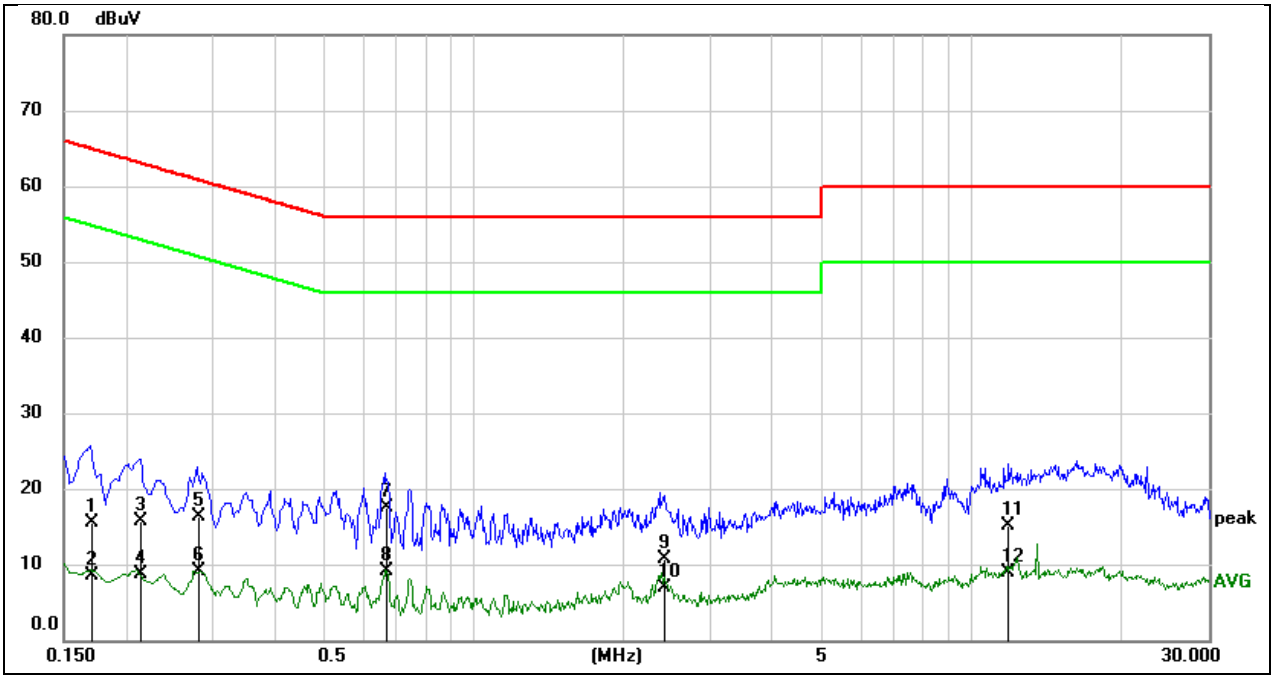
Test Mode:	10 MHz	Channel:	5787.5 MHz
Line	L1	Test Voltage	AC 120 V/60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2076	6.12	10.24	16.36	63.30	-46.94	QP
2	0.2076	-1.23	10.24	9.01	53.30	-44.29	AVG
3	0.2376	4.53	10.24	14.77	62.18	-47.41	QP
4	0.2376	-3.19	10.24	7.05	52.18	-45.13	AVG
5	0.6731	2.38	10.23	12.61	56.00	-43.39	QP
6	0.6731	-3.66	10.23	6.57	46.00	-39.43	AVG
7	2.3585	1.24	9.99	11.23	56.00	-44.77	QP
8	2.3585	-2.59	9.99	7.40	46.00	-38.60	AVG
9	4.0214	0.81	10.23	11.04	56.00	-44.96	QP
10	4.0214	-2.41	10.23	7.82	46.00	-38.18	AVG
11	21.1729	9.28	10.84	20.12	60.00	-39.88	QP
12	21.1729	-0.67	10.84	10.17	50.00	-39.83	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.

Test Mode:	10 MHz	Channel:	5787.5 MHz
Line	N	Test Voltage	AC 120 V/60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1706	5.35	10.20	15.55	64.93	-49.38	QP
2	0.1706	-1.71	10.20	8.49	54.93	-46.44	AVG
3	0.2142	5.66	10.14	15.80	63.04	-47.24	QP
4	0.2142	-1.35	10.14	8.79	53.04	-44.25	AVG
5	0.2808	6.20	10.11	16.31	60.79	-44.48	QP
6	0.2808	-1.07	10.11	9.04	50.79	-41.75	AVG
7	0.6688	7.54	10.03	17.57	56.00	-38.43	QP
8	0.6688	-0.97	10.03	9.06	46.00	-36.94	AVG
9	2.4138	0.70	10.10	10.80	56.00	-45.20	QP
10	2.4138	-3.22	10.10	6.88	46.00	-39.12	AVG
11	11.9193	4.58	10.51	15.09	60.00	-44.91	QP
12	11.9193	-1.65	10.51	8.86	50.00	-41.14	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.

10. ANTENNA REQUIREMENT

APPLICABLE REQUIREMENTS

Please refer to FCC §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 §15.407(a)(1)(2)(3)
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi..

RESULTS

Complies

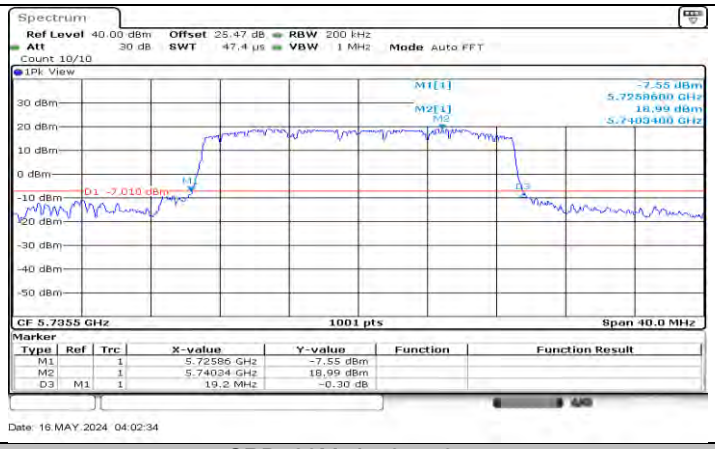
11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

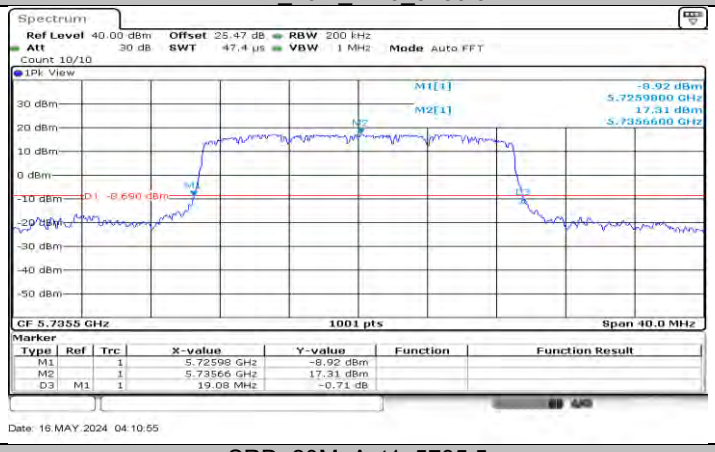
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
SDR_20M	Ant0	5180	19.16	5170.44	5189.60
	Ant1	5180	19.40	5170.32	5189.72
	Ant0	5200	19.40	5190.28	5209.68
	Ant1	5200	19.20	5190.32	5209.52
	Ant0	5240	19.36	5230.28	5249.64
	Ant1	5240	19.40	5230.28	5249.68
	Ant0	5735.5	19.20	5725.86	5745.06
	Ant1	5735.5	19.08	5725.98	5745.06
	Ant0	5787.5	19.08	5775.94	5795.02
	Ant1	5787.5	19.16	5775.90	5795.06
	Ant0	5839.5	19.00	5830.06	5849.06
	Ant1	5839.5	19.08	5829.98	5849.06
SDR_40M	Ant0	5170	38.72	5150.80	5189.52
	Ant1	5170	38.64	5150.72	5189.36
	Ant0	5190	36.80	5171.68	5208.48
	Ant1	5190	36.88	5171.68	5208.56
	Ant0	5210	36.88	5191.60	5228.48
	Ant1	5210	36.80	5191.68	5228.48
	Ant0	5230	36.88	5211.68	5248.56
	Ant1	5230	36.80	5211.68	5248.48
	Ant0	5745.5	36.96	5727.02	5763.98
	Ant1	5745.5	36.96	5727.10	5764.06
	Ant0	5787.5	37.04	5769.02	5806.06
	Ant1	5787.5	37.20	5768.94	5806.14
	Ant0	5829.5	36.88	5811.10	5847.98
	Ant1	5829.5	36.96	5811.10	5848.06
SDR_10M	Ant0	5730.5	10.56	5725.22	5735.78
	Ant1	5730.5	10.56	5725.30	5735.86
	Ant0	5787.5	10.52	5782.26	5792.78
	Ant1	5787.5	10.64	5782.22	5792.86
	Ant0	5844.5	10.52	5839.30	5849.82
	Ant1	5844.5	10.52	5839.38	5849.90
SDR_60M	Ant0	5755.5	67.52	5722.54	5790.06
	Ant1	5755.5	68.00	5722.22	5790.22
	Ant0	5787.5	67.20	5754.86	5822.06
	Ant1	5787.5	62.08	5755.02	5817.10
	Ant0	5819.5	68.16	5786.22	5854.38
	Ant1	5819.5	62.40	5786.54	5848.94
SDR_80M	Ant0	5765.5	72.80	5729.18	5801.98
	Ant1	5765.5	72.80	5729.18	5801.98
	Ant0	5787.5	72.80	5751.18	5823.98
	Ant1	5787.5	72.80	5751.18	5823.98
	Ant0	5809.5	72.80	5773.18	5845.98
	Ant1	5809.5	72.80	5773.18	5845.98

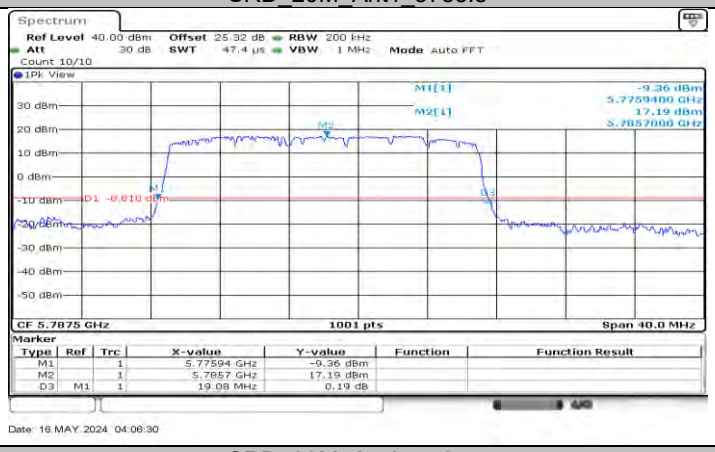
11.1.2. Test Graphs



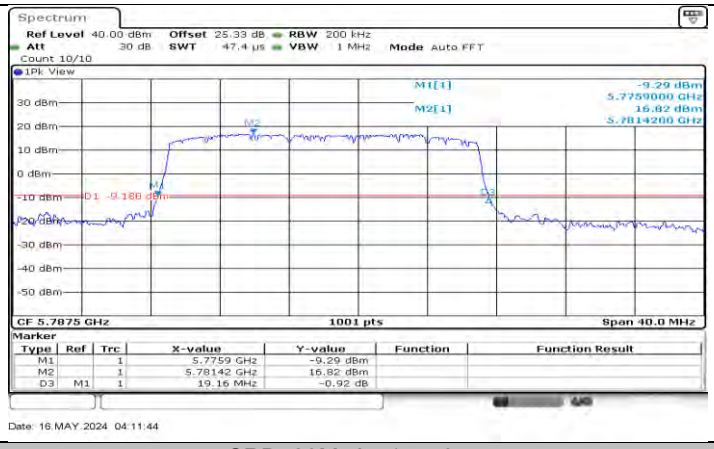
SRD_20M_Ant0_5735.5



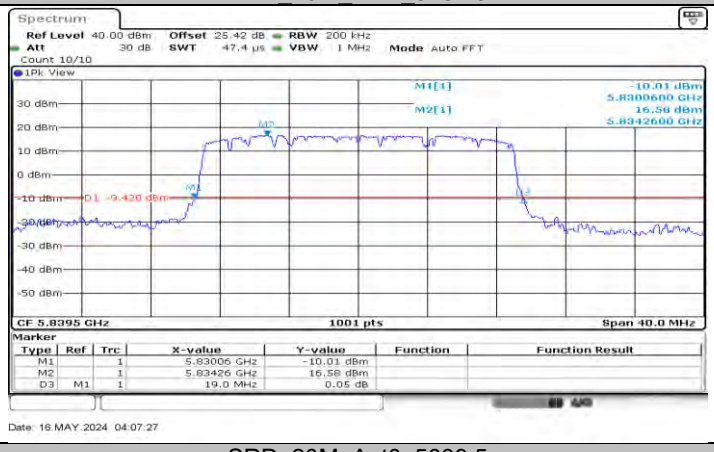
SRD_20M_Ant1_5735.5



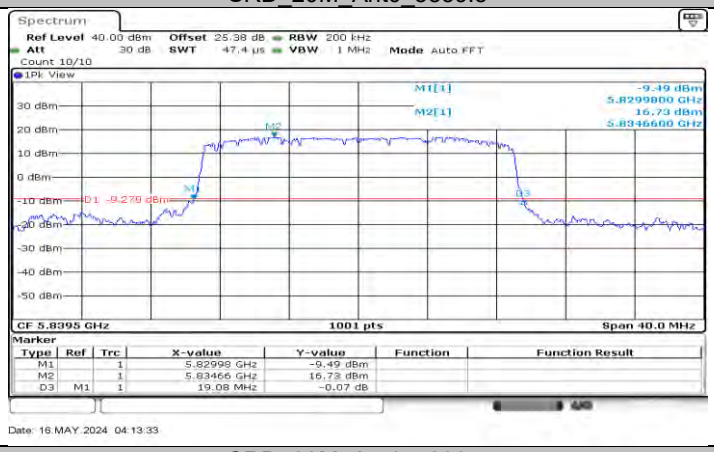
SRD_20M_Ant0_5787.5



SRD_20M_Ant1_5787.5



SRD_20M_Ant0_5839.5



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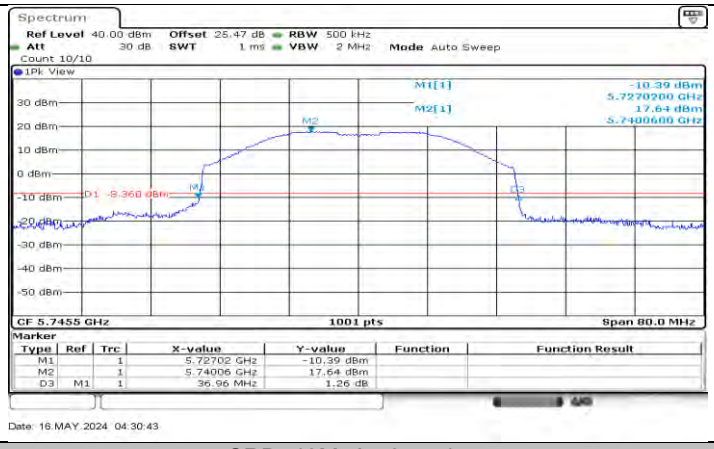
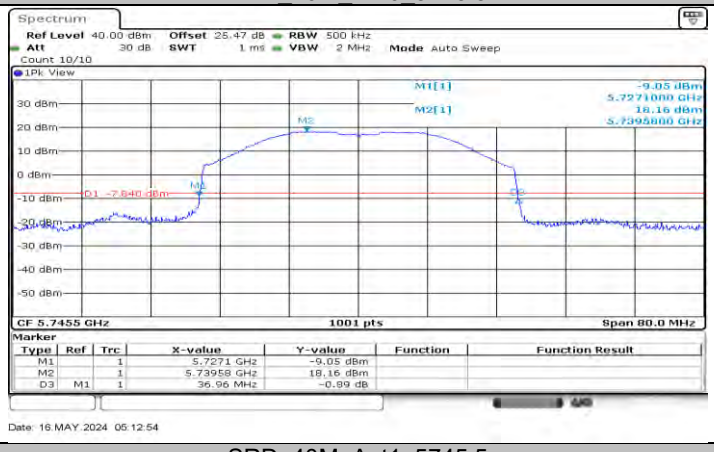


SRD_40M_Ant0_5745.5



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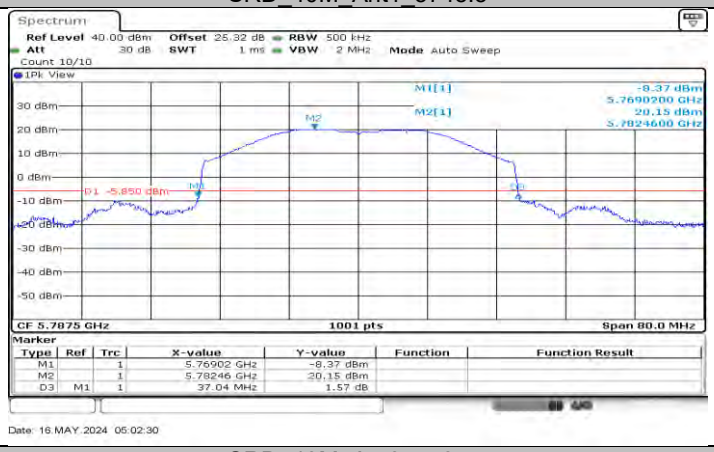

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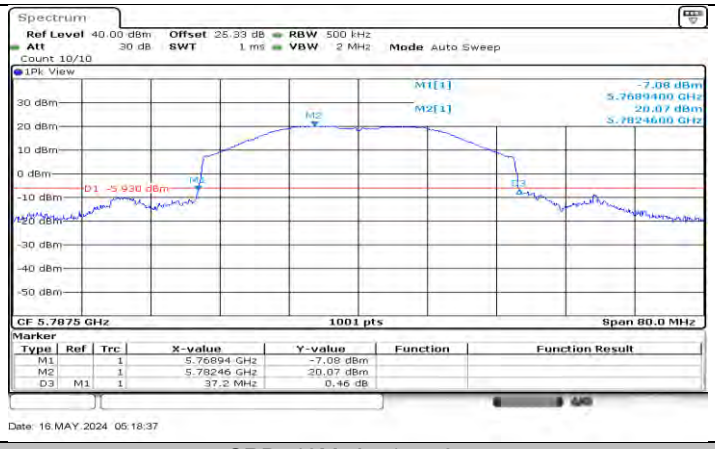

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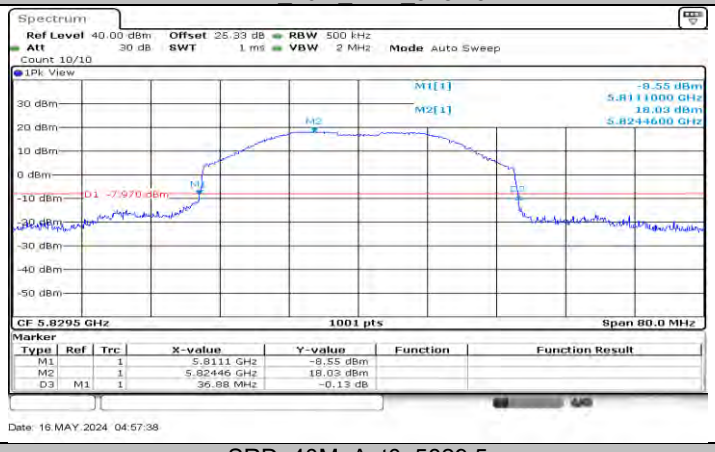

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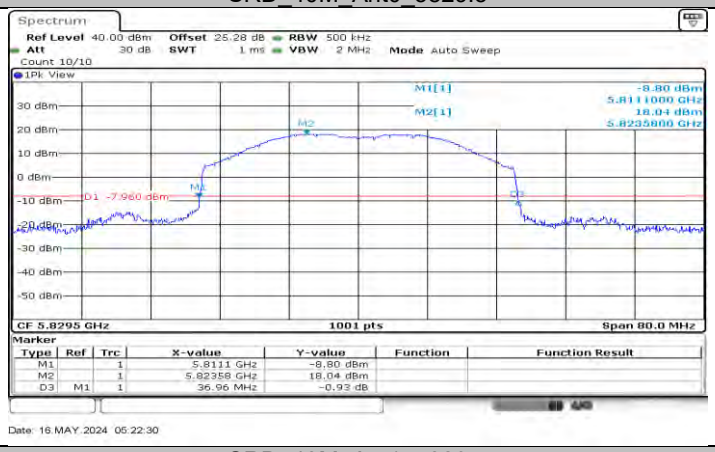

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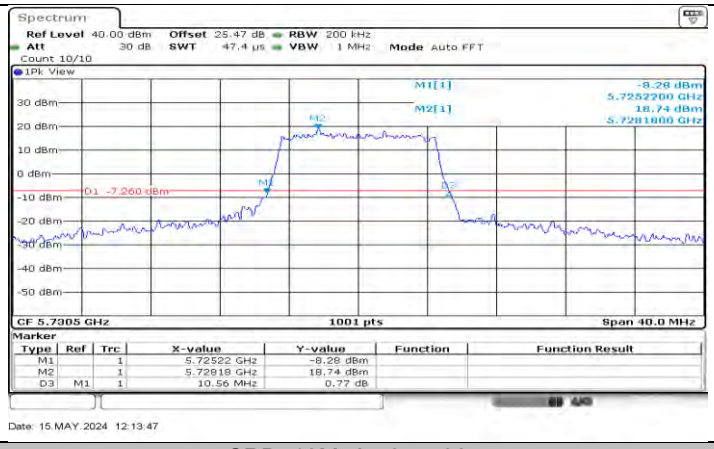
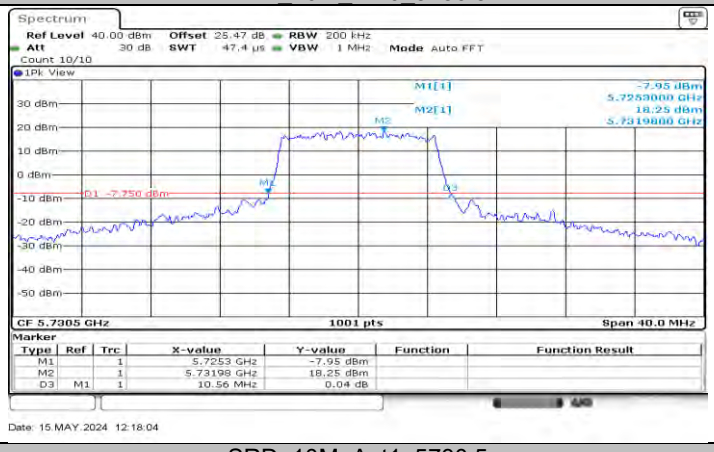


SRD_10M_Ant0_5730.5



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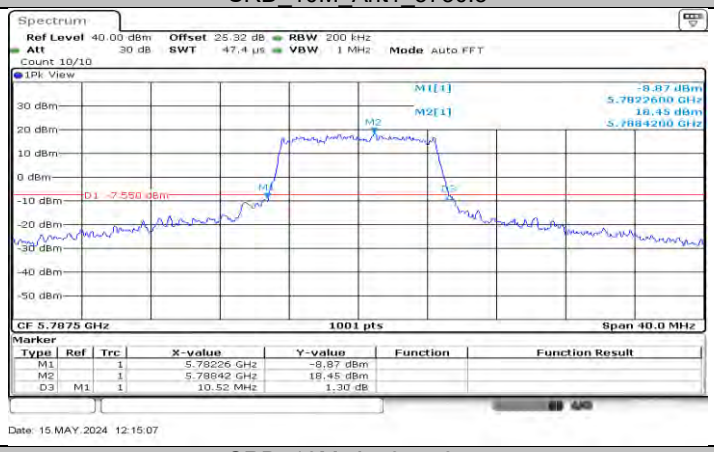

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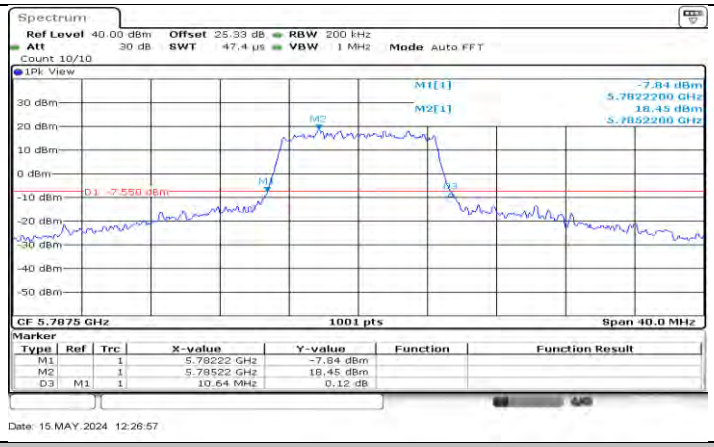

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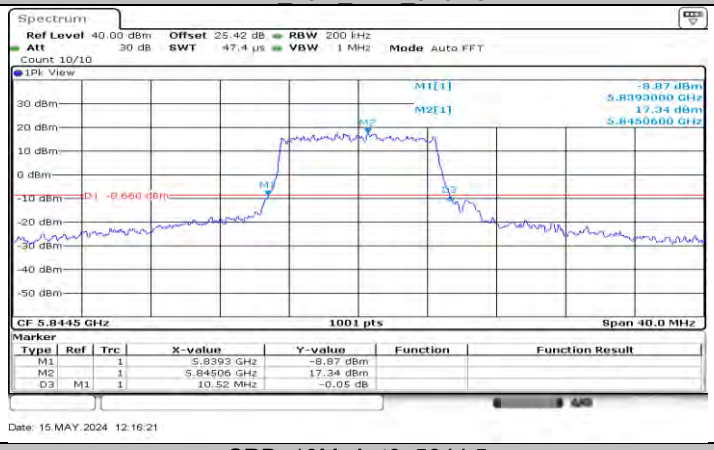
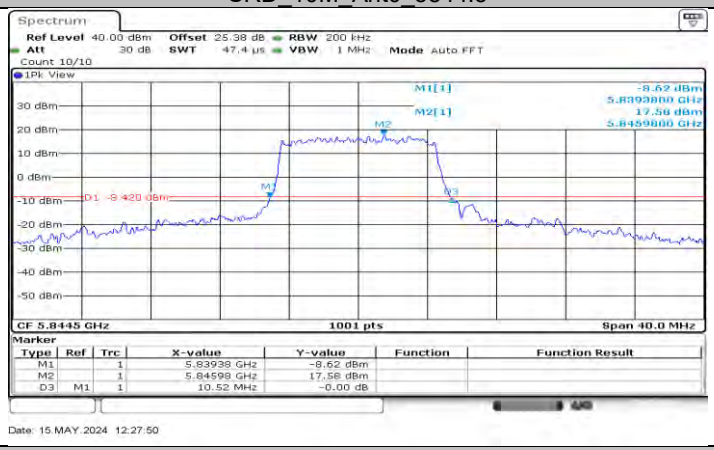
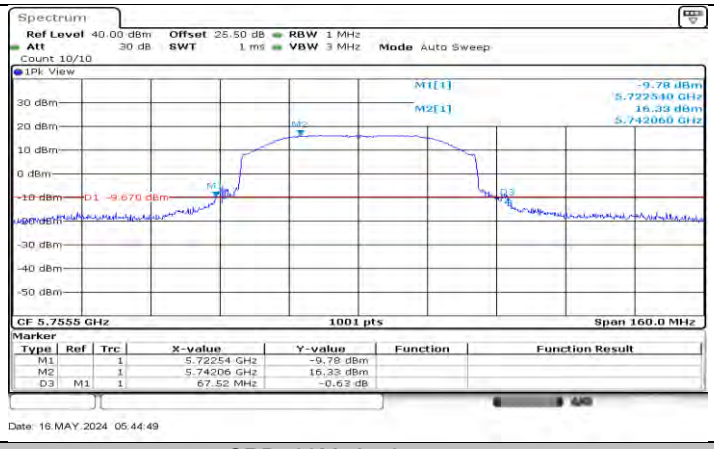


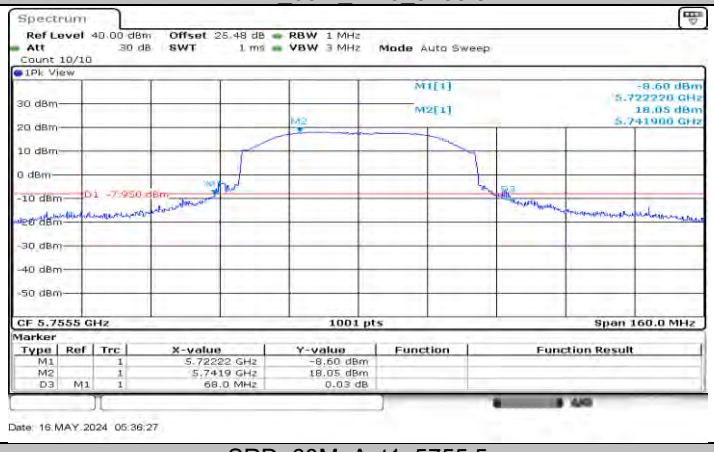
SRD_10M_Ant0_5844.5



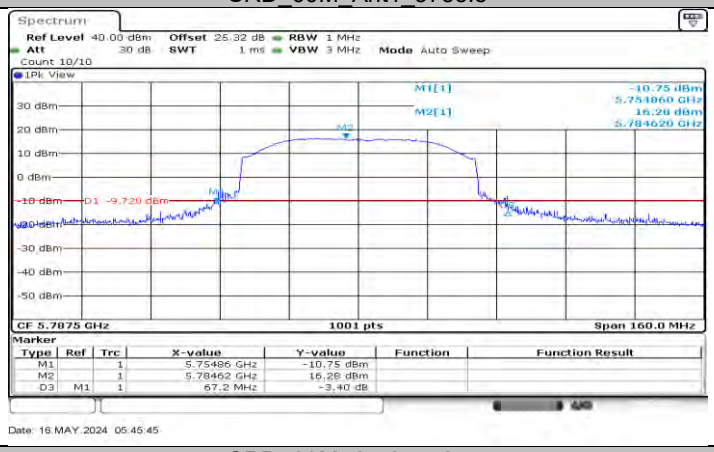
SRD_10M_Ant1_5844.5



SRD_60M_Ant0_5755.5



SRD_60M_Ant1_5755.5



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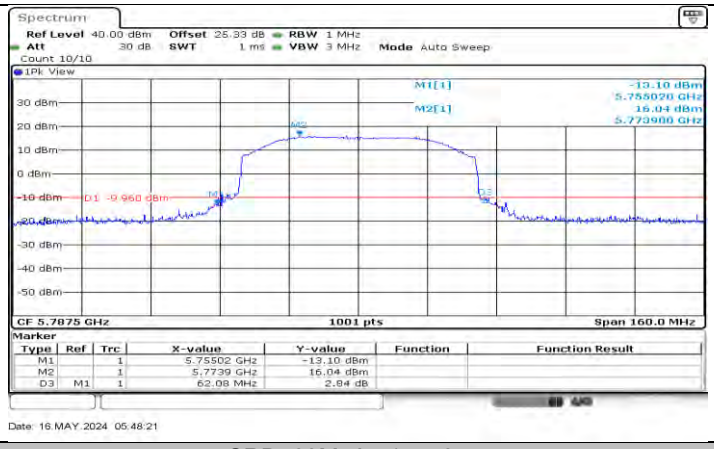

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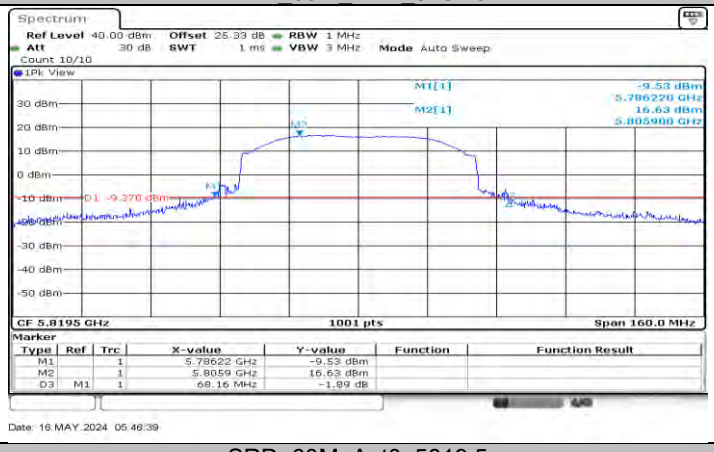
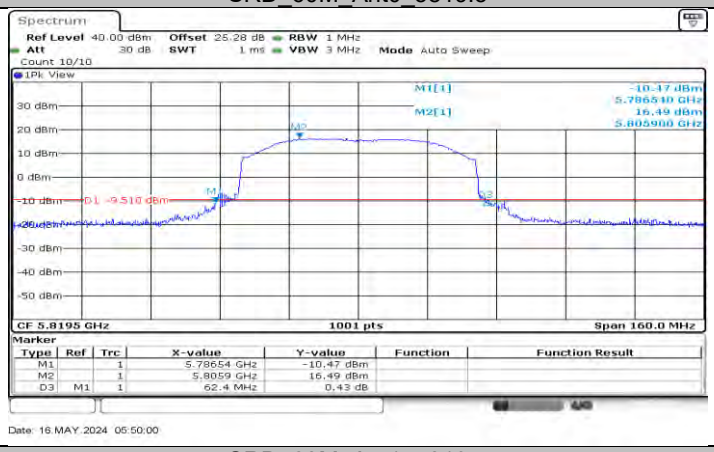


SRD_60M_Ant0_5819.5



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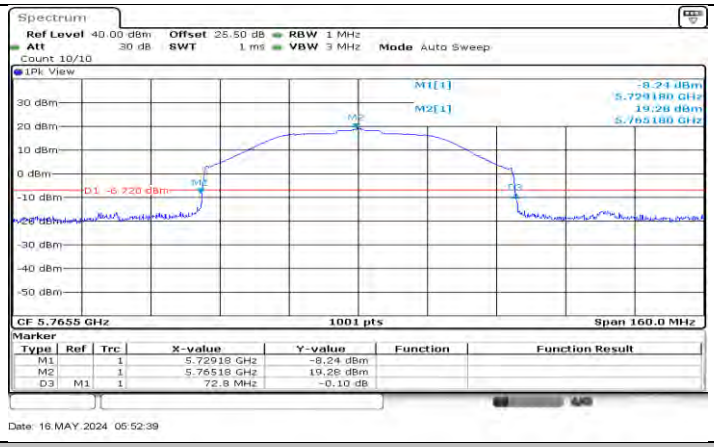
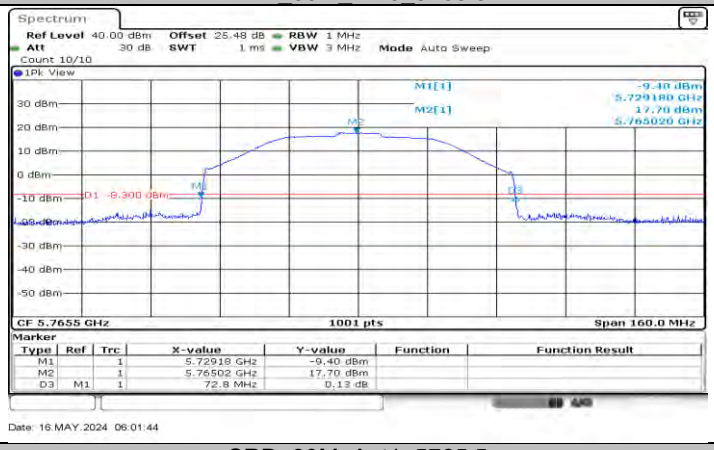
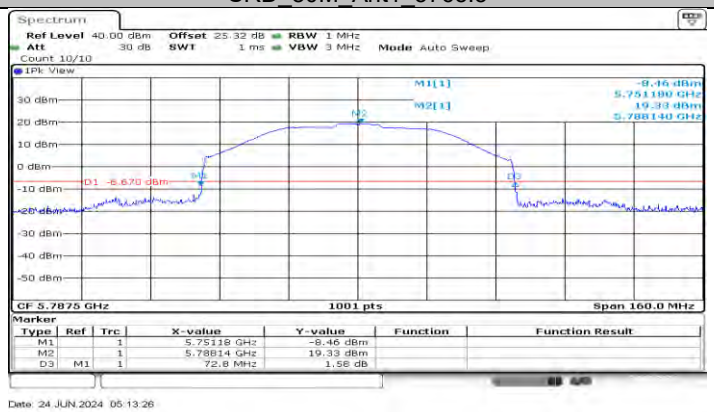


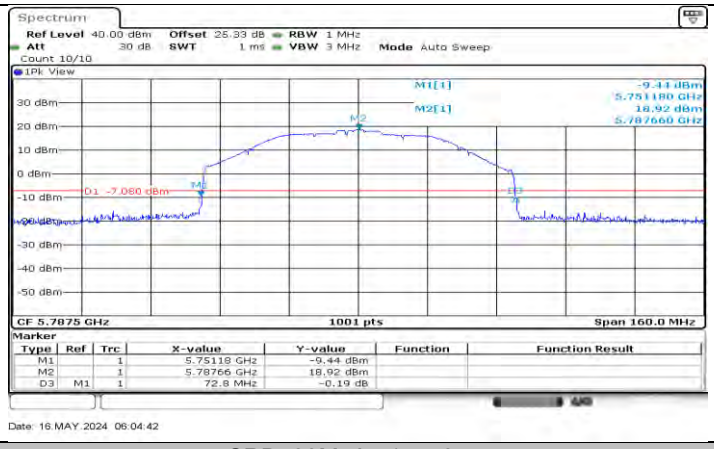
SRD_80M_Ant0_5765.5



SRD_80M_Ant1_5765.5



SRD_80M_Ant0_5787.5



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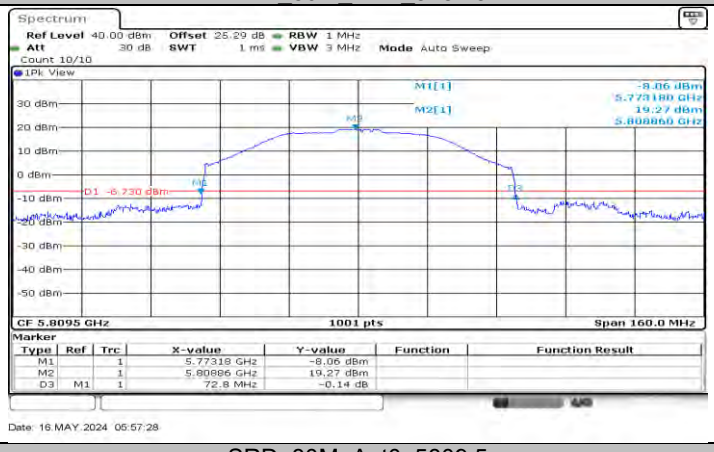
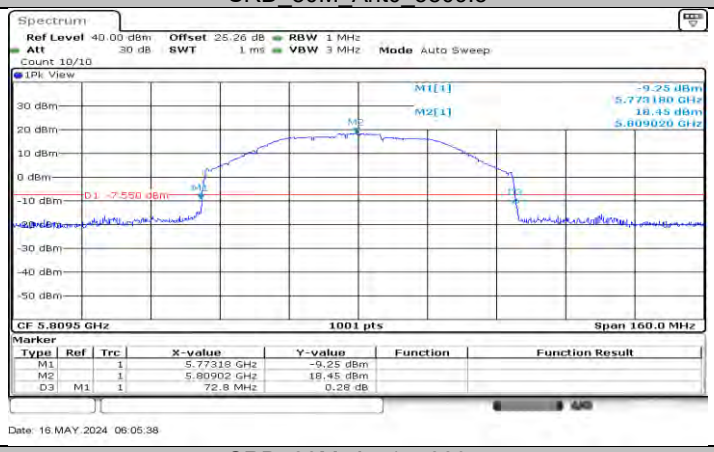


SRD_80M_Ant0_5809.5



SRD_80M_Ant1_5809.5

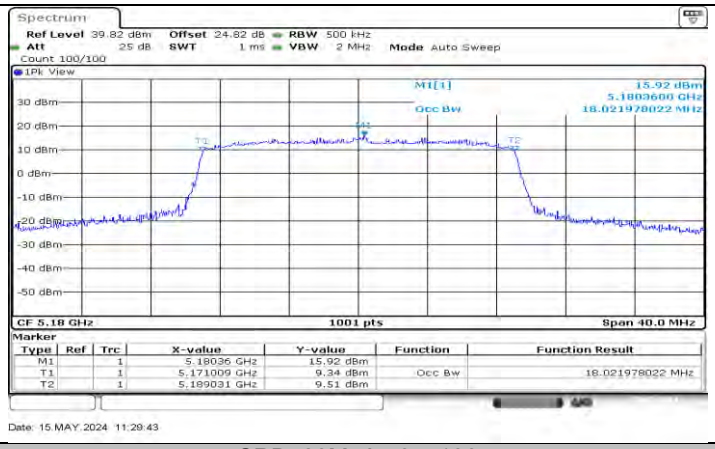
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

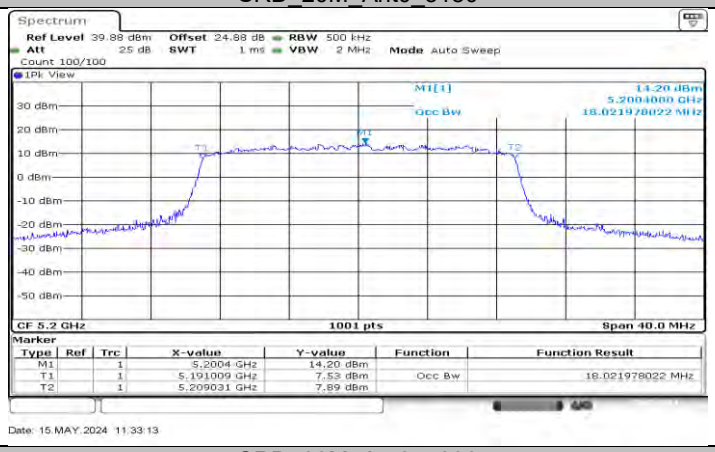
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
SRD_20M	Ant0	5180	18.022	5171.0090	5189.0310
		5200	18.022	5191.0090	5209.0310
		5240	17.982	5231.0490	5249.0310
		5735.5	17.982	5726.5490	5744.5310
		5787.5	17.982	5776.5110	5794.4930
		5839.5	17.982	5830.5090	5848.4910
SRD_40M	Ant0	5170	36.284	5151.9381	5188.2218
		5190	32.128	5174.0160	5206.1439
		5210	31.728	5194.1758	5225.9041
		5230	32.128	5214.0160	5246.1439
		5745.5	32.288	5729.3561	5761.6439
		5787.5	32.687	5771.1164	5803.8037
		5829.5	32.527	5813.1164	5845.6439
SRD_10M	Ant0	5730.5	9.151	5725.9446	5735.0954
		5787.5	9.151	5782.9046	5792.0554
		5844.5	9.071	5839.9845	5849.0554
SRD_60M	Ant0	5755.5	53.067	5728.9665	5782.0335
		5787.5	53.227	5760.8067	5814.0335
		5819.5	53.546	5792.6469	5846.1933
SRD_80M	Ant0	5765.5	62.338	5734.1713	5796.5090
		5787.5	63.137	5755.5320	5818.6690
		5809.5	63.297	5777.5320	5840.8287

Note: Both the two antennas had been tested, but only the worst data was recorded in the report.

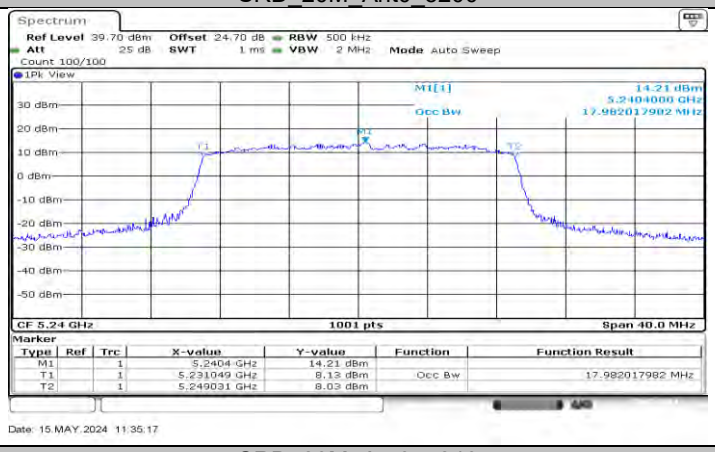
11.2.2. Test Graphs



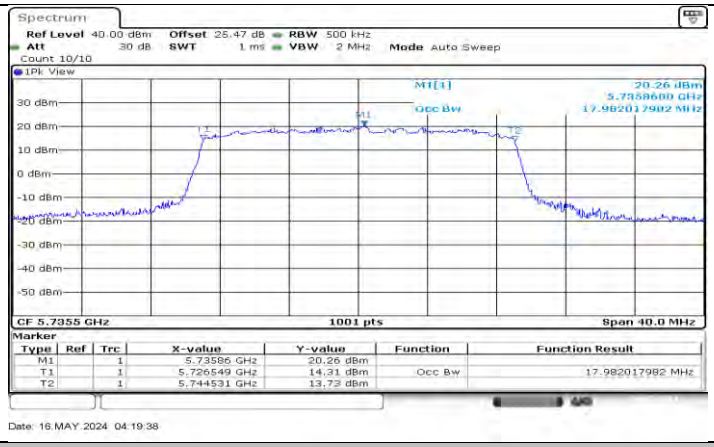
SRD_20M_Ant0_5180



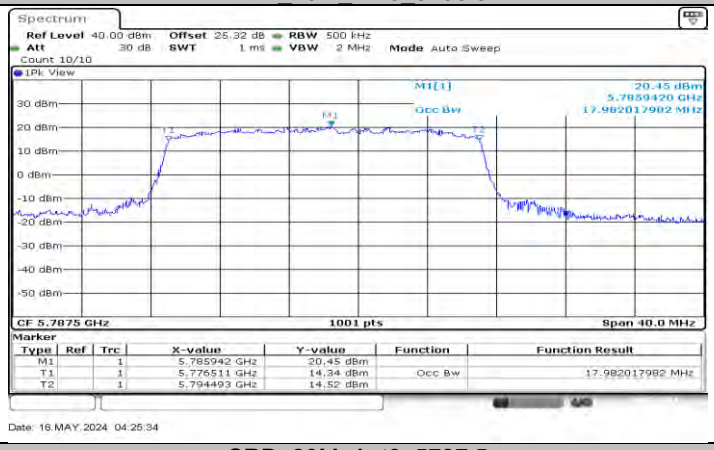
SRD_20M_Ant0_5200



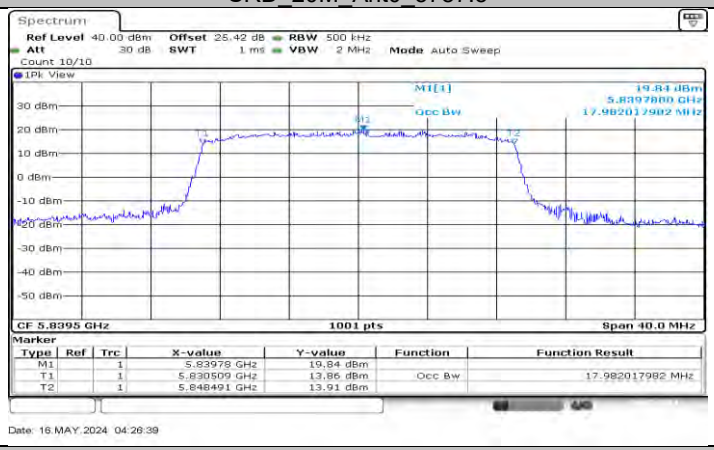
SRD_20M_Ant0_5240



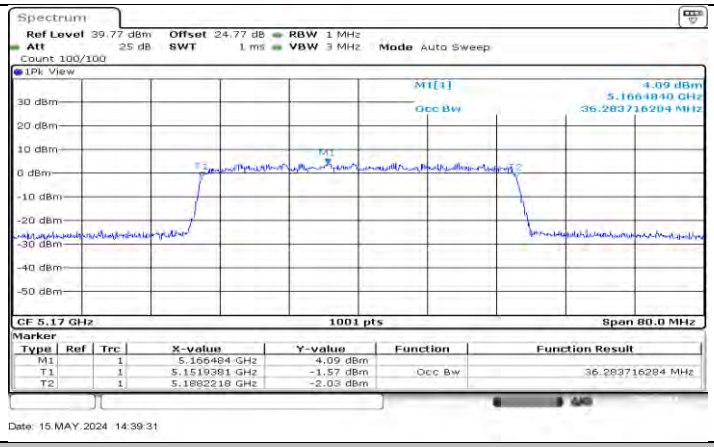
SRD_20M_Ant0_5735.5



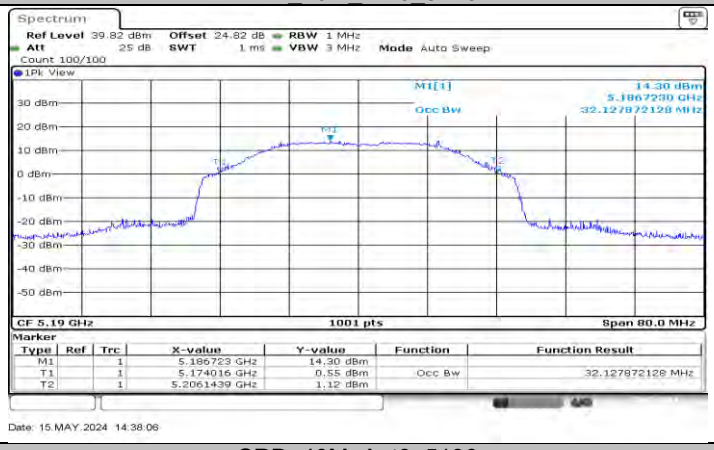
SRD_20M_Ant0_5787.5



SRD_20M_Ant0_5839.5

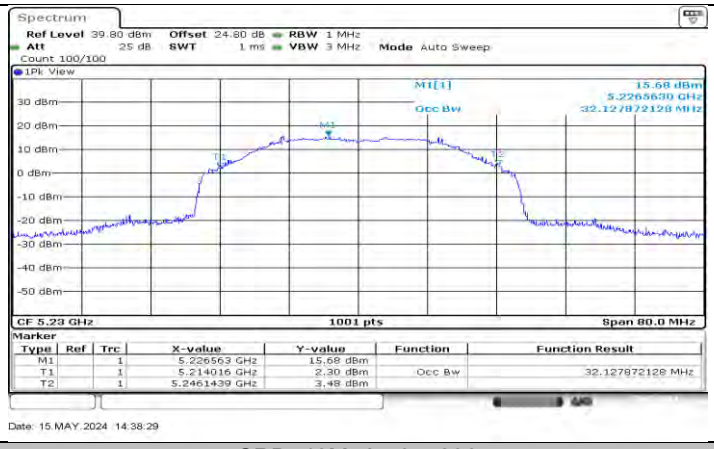


SRD_40M_Ant0_5170

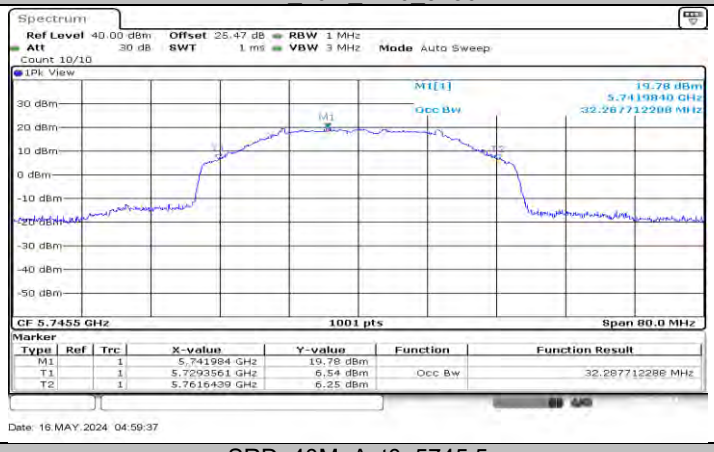


SRD_40M_Ant0_5190

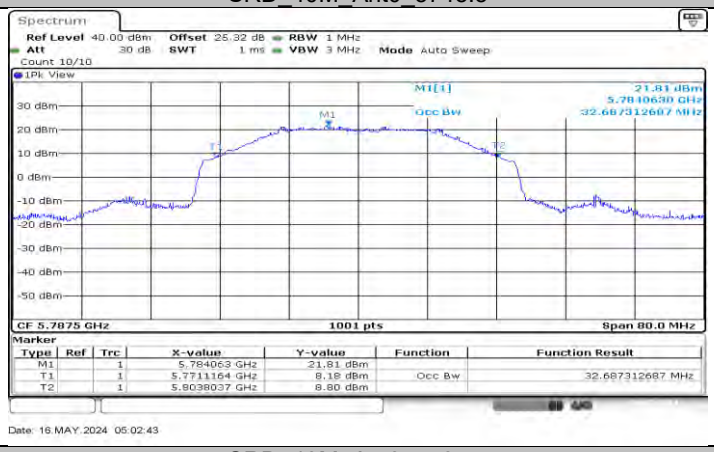
SRD_40M_Ant0_5210



SRD_40M_Ant0_5230

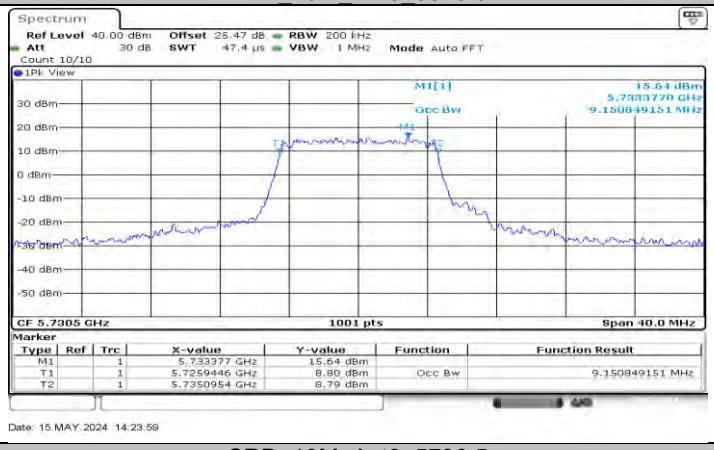


SRD_40M_Ant0_5745.5

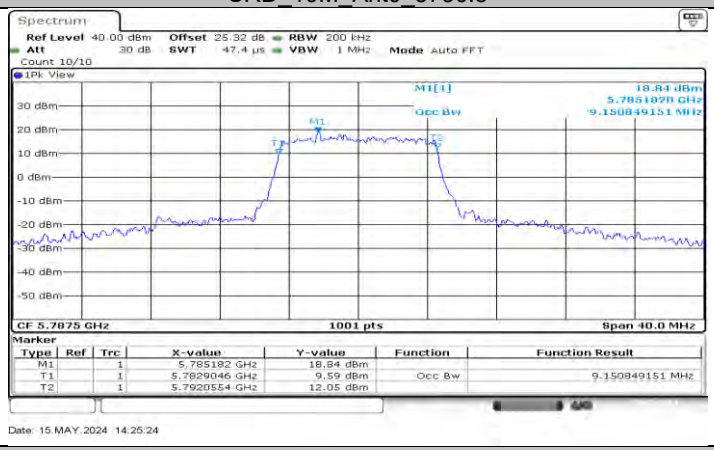


SRD_40M_Ant0_5787.5

SRD_40M_Ant0_5829.5



SRD_10M_Ant0_5730.5



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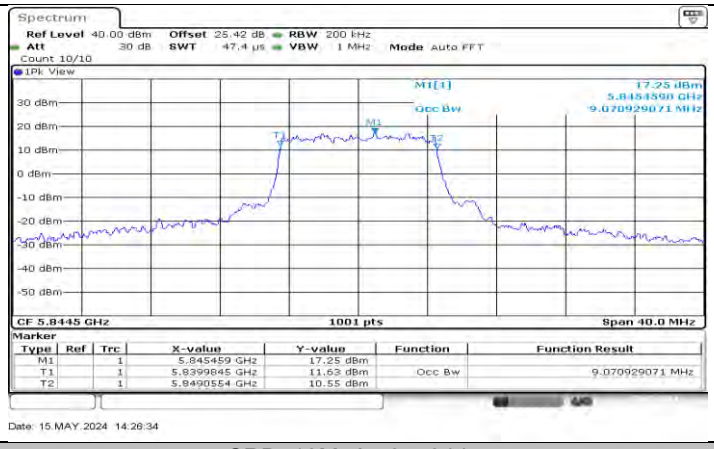
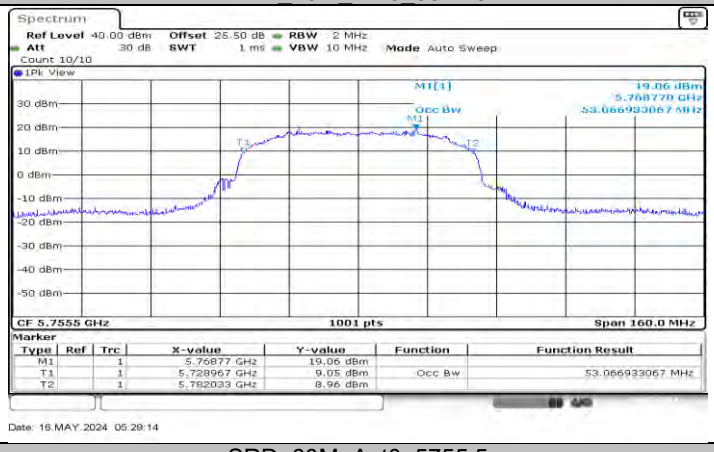
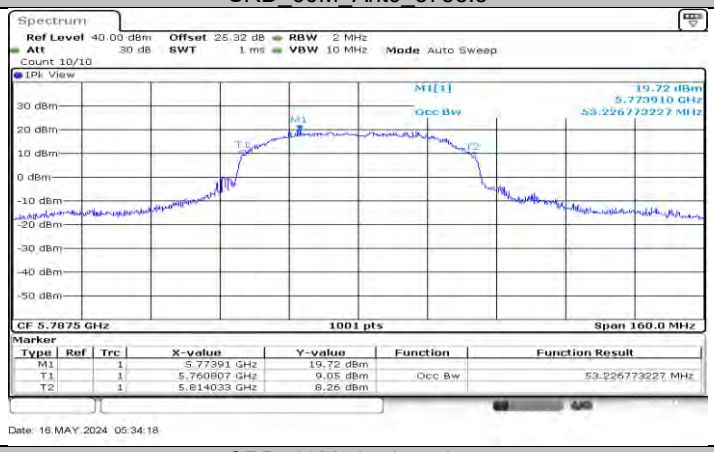


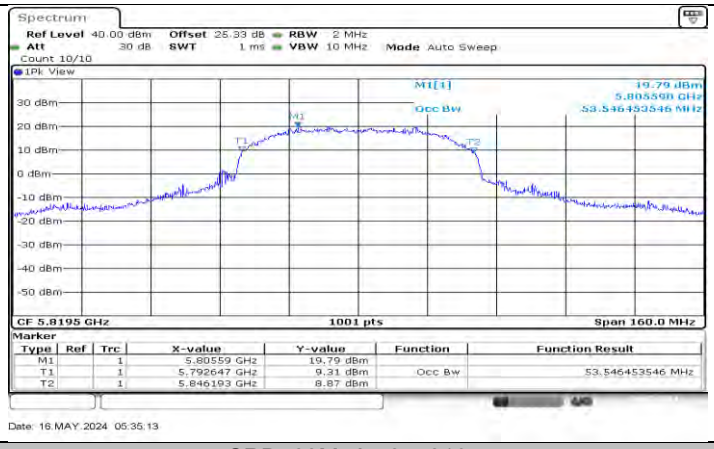
SRD_10M_Ant0_5844.5



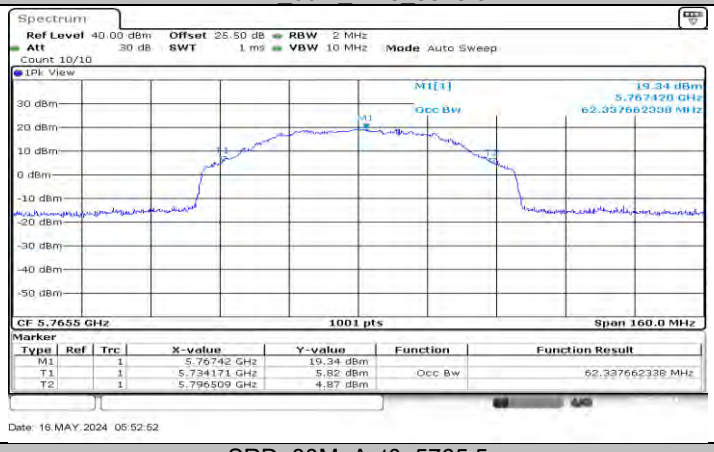
SRD_60M_Ant0_5755.5



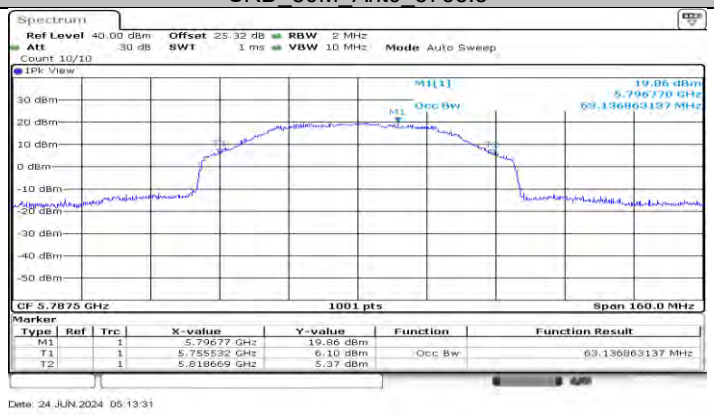
SRD_60M_Ant0_5787.5



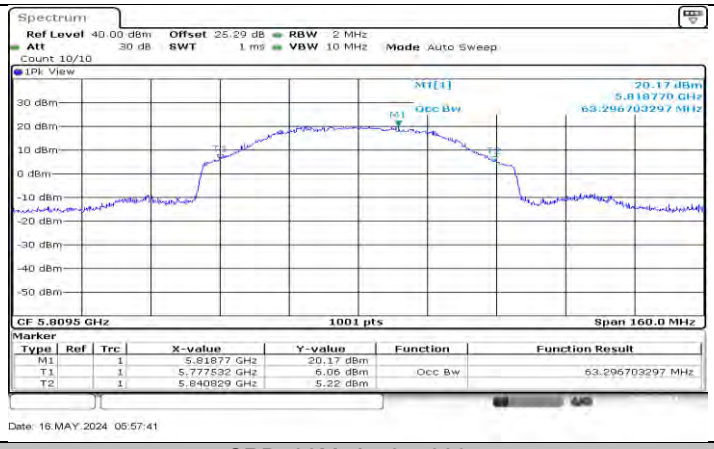
SRD_60M_Ant0_5819.5



SRD_80M_Ant0_5765.5



SRD_80M_Ant0_5787.5



SRD_80M_Ant0_5809.5

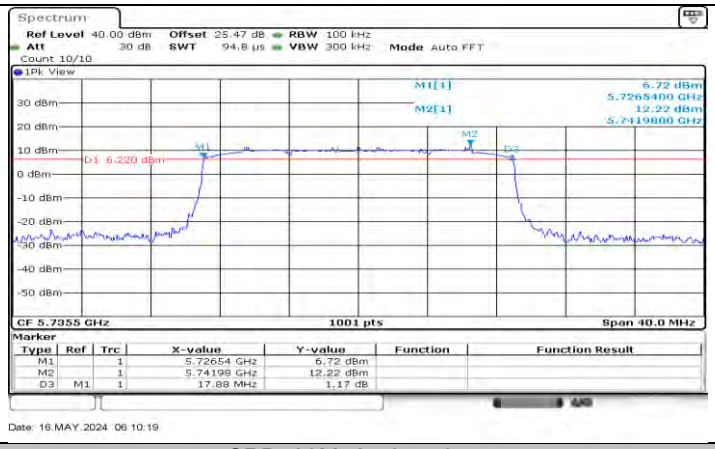
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

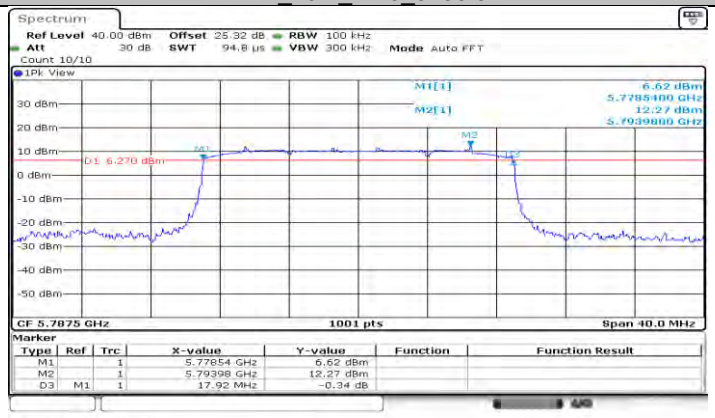
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD_20M	Ant0	5735.5	17.88	5726.54	5744.42	≥0.5	PASS
		5787.5	17.92	5778.54	5796.46	≥0.5	PASS
		5839.5	17.92	5830.54	5848.46	≥0.5	PASS
SRD_40M	Ant0	5745.5	21.84	5734.62	5756.46	≥0.5	PASS
		5787.5	20.88	5777.02	5797.90	≥0.5	PASS
		5829.5	21.76	5818.62	5840.38	≥0.5	PASS
SRD_10M	Ant0	5730.5	9.00	5726.02	5735.02	≥0.5	PASS
		5787.5	9.04	5782.98	5792.02	≥0.5	PASS
		5844.5	9.04	5839.98	5849.02	≥0.5	PASS
SRD_60M	Ant0	5755.5	40.00	5735.18	5775.18	≥0.5	PASS
		5787.5	42.40	5765.74	5808.14	≥0.5	PASS
		5819.5	40.80	5798.86	5839.66	≥0.5	PASS
SRD_80M	Ant0	5765.5	40.48	5745.02	5785.50	≥0.5	PASS
		5787.5	42.24	5765.74	5807.98	≥0.5	PASS
		5809.5	41.92	5788.06	5829.98	≥0.5	PASS

Note: Both the two antennas had been tested, but only the worst data was recorded in the report.

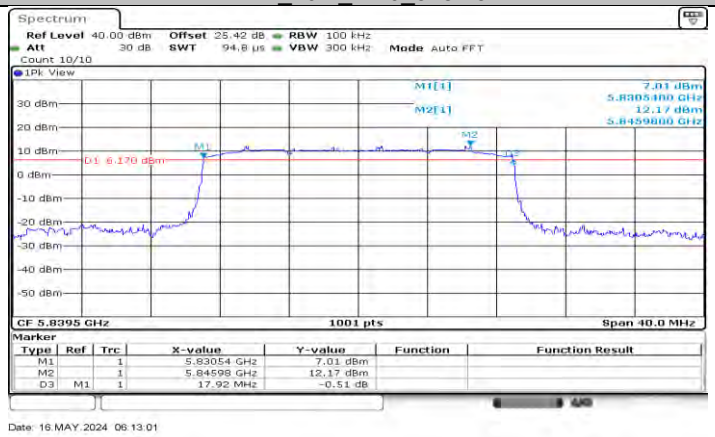
11.3.2. Test Graphs



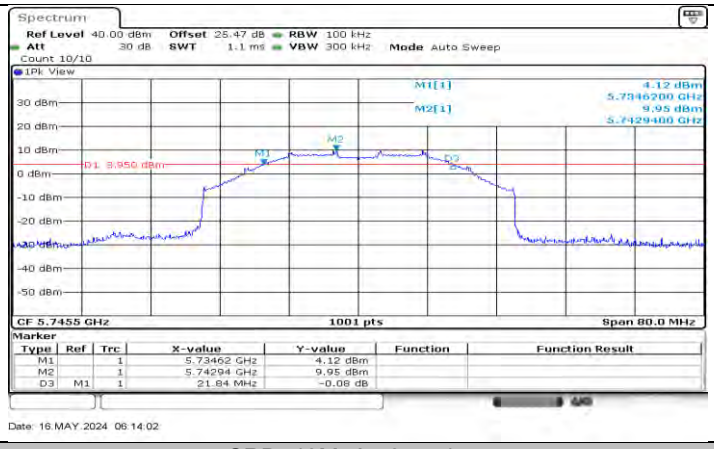
SRD_20M_Ant0_5735.5



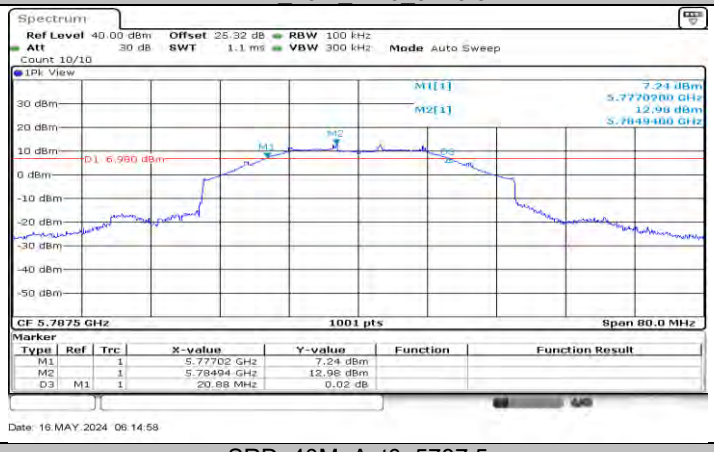
SRD_20M_Ant0_5787.5



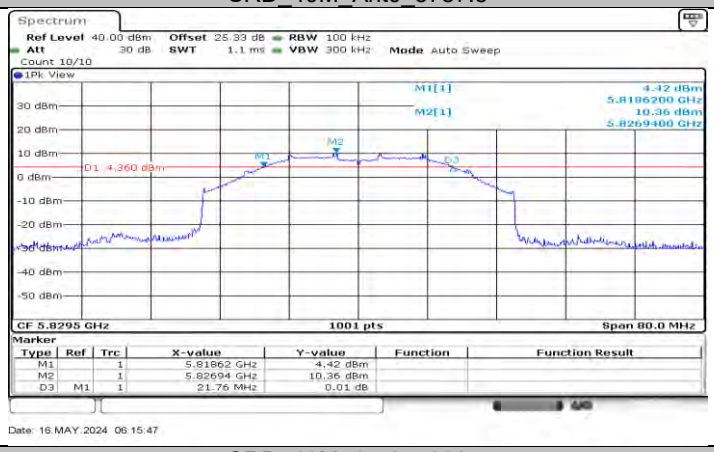
SRD_20M_Ant0_5839.5



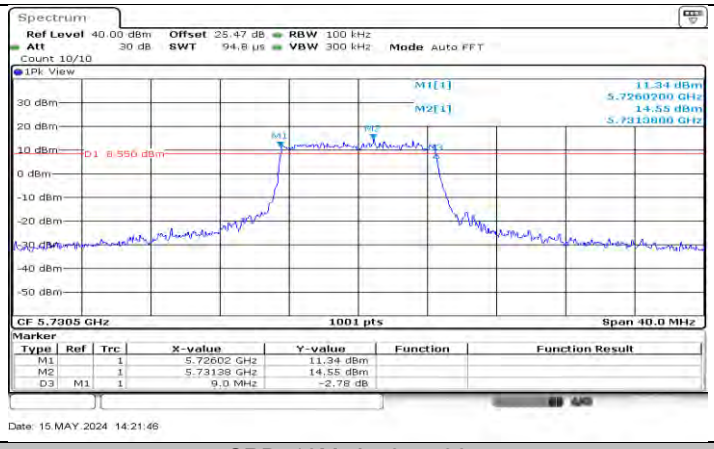
SRD_40M_Ant0_5745.5



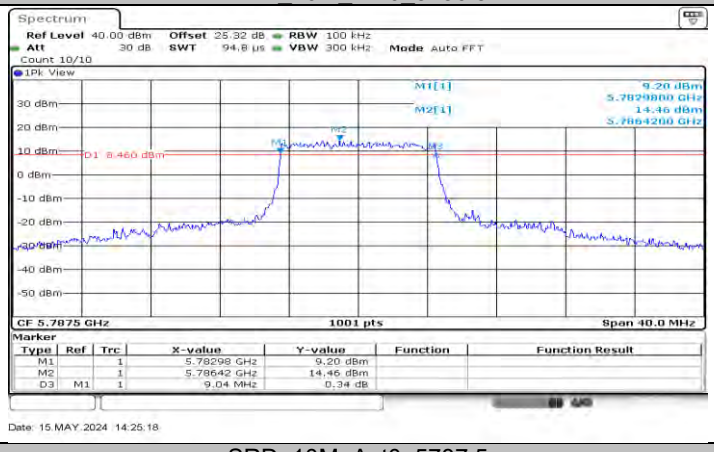
SRD_40M_Ant0_5787.5



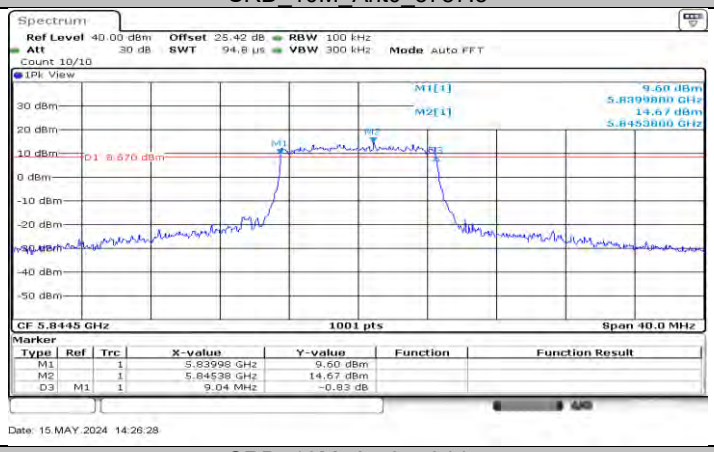
SRD_40M_Ant0_5829.5



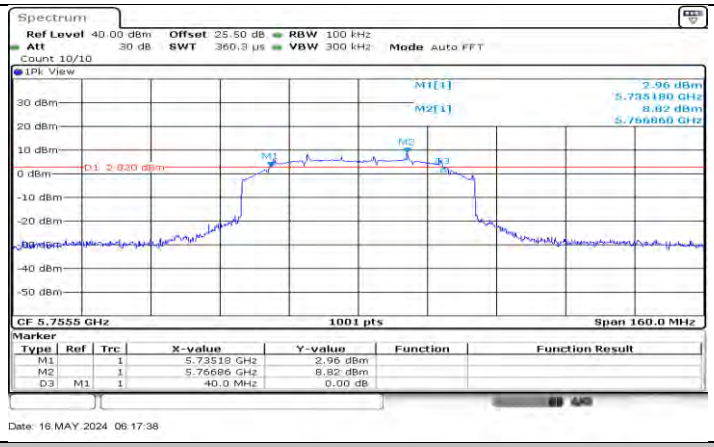
SRD_10M_Ant0_5730.5



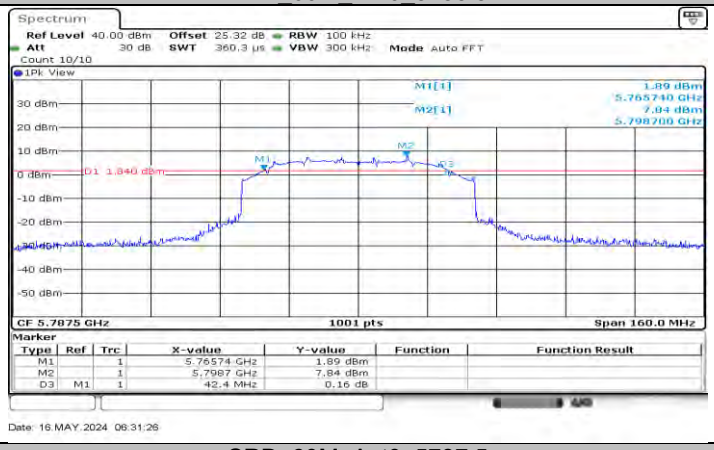
SRD_10M_Ant0_5787.5



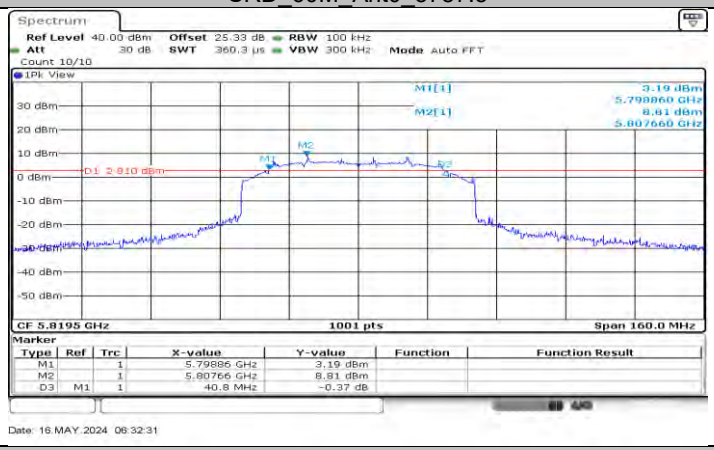
SRD_10M_Ant0_5844.5



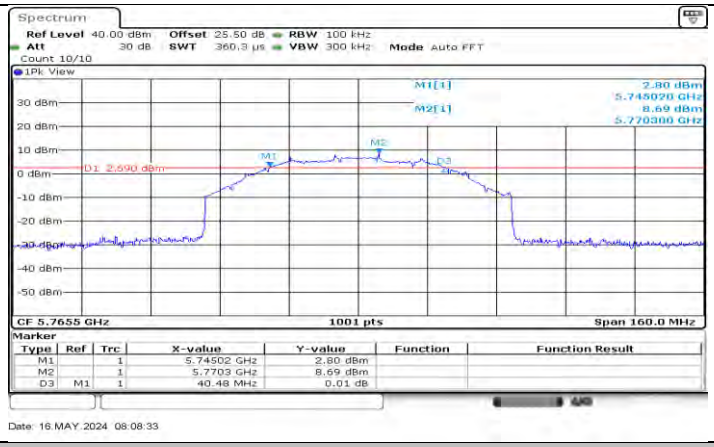
SRD_60M_Ant0_5755.5



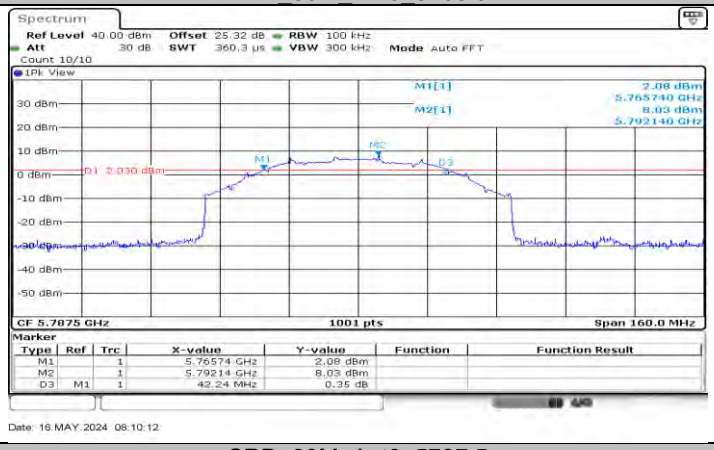
SRD_60M_Ant0_5787.5



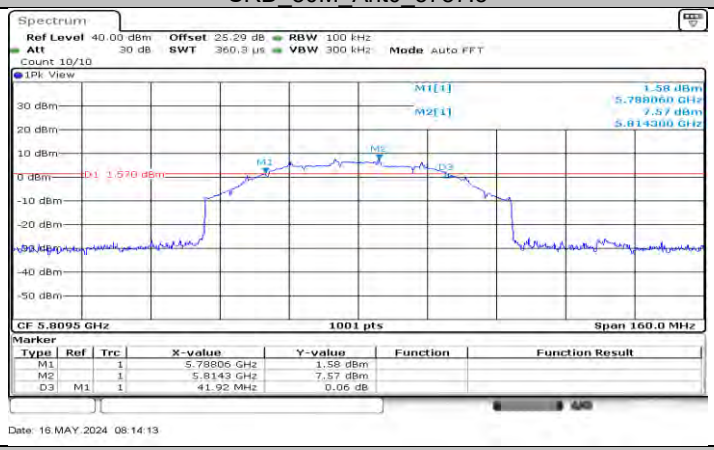
SRD_60M_Ant0_5819.5



SRD_80M_Ant0_5765.5



SRD_80M_Ant0_5787.5



SRD_80M_Ant0_5809.5

11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	Limit [dBm]	Verdict
SRD_20M	Ant0	5180	18.37	≤23.98	PASS
	Ant1	5180	18.50	≤23.98	PASS
	Ant0	5200	18.20	≤23.98	PASS
	Ant1	5200	18.45	≤23.98	PASS
	Ant0	5240	18.25	≤23.98	PASS
	Ant1	5240	18.68	≤23.98	PASS
	Ant0	5735.5	23.09	≤30.00	PASS
	Ant1	5735.5	23.11	≤30.00	PASS
	Ant0	5787.5	23.05	≤30.00	PASS
	Ant1	5787.5	23.01	≤30.00	PASS
	Ant0	5839.5	23.05	≤30.00	PASS
	Ant1	5839.5	23.08	≤30.00	PASS
SRD_40M	Ant0	5170	8.33	≤23.98	PASS
	Ant1	5170	8.27	≤23.98	PASS
	Ant0	5190	18.23	≤23.98	PASS
	Ant1	5190	18.50	≤23.98	PASS
	Ant0	5210	18.39	≤23.98	PASS
	Ant1	5210	18.67	≤23.98	PASS
	Ant0	5230	18.94	≤23.98	PASS
	Ant1	5230	18.99	≤23.98	PASS
	Ant0	5745.5	22.84	≤30.00	PASS
	Ant1	5745.5	22.68	≤30.00	PASS
	Ant0	5787.5	22.85	≤30.00	PASS
	Ant1	5787.5	22.76	≤30.00	PASS
	Ant0	5829.5	22.49	≤30.00	PASS
	Ant1	5829.5	22.59	≤30.00	PASS
SRD_10M	Ant0	5730.5	23.11	≤30.00	PASS
	Ant1	5730.5	23.19	≤30.00	PASS
	Ant0	5787.5	23.22	≤30.00	PASS
	Ant1	5787.5	23.15	≤30.00	PASS
	Ant0	5844.5	23.02	≤30.00	PASS
	Ant1	5844.5	23.04	≤30.00	PASS
SRD_60M	Ant0	5755.5	20.04	≤30.00	PASS
	Ant1	5755.5	20.08	≤30.00	PASS
	Ant0	5787.5	20.01	≤30.00	PASS
	Ant1	5787.5	20.07	≤30.00	PASS
	Ant0	5819.5	20.36	≤30.00	PASS
	Ant1	5819.5	20.08	≤30.00	PASS
SRD_80M	Ant0	5765.5	20.02	≤30.00	PASS
	Ant1	5765.5	20.06	≤30.00	PASS
	Ant0	5787.5	20.41	≤30.00	PASS
	Ant1	5787.5	20.14	≤30.00	PASS
	Ant0	5809.5	20.53	≤30.00	PASS
	Ant1	5809.5	20.10	≤30.00	PASS

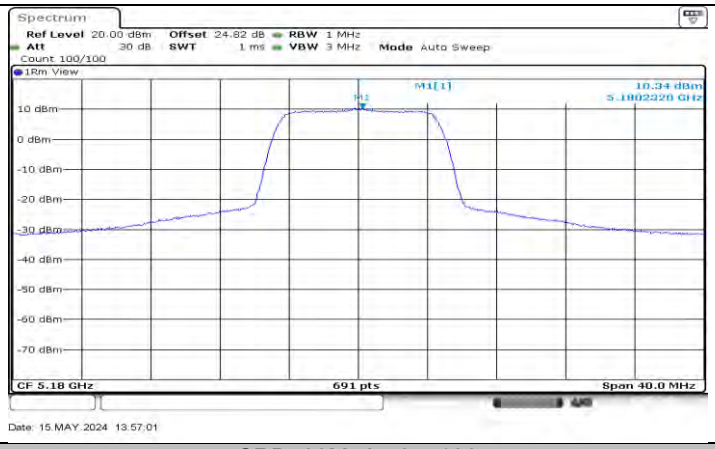
11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
SRD_20M	Ant0	5180	10.34	≤11.00	PASS
		5200	9.79	≤11.00	PASS
		5240	9.52	≤11.00	PASS
		5735.5	9.74	≤30.00	PASS
		5787.5	8.93	≤30.00	PASS
		5839.5	9.14	≤30.00	PASS
SRD_40M	Ant0	5170	-6.38	≤11.00	PASS
		5190	4.97	≤11.00	PASS
		5210	6.03	≤11.00	PASS
		5230	5.89	≤11.00	PASS
		5745.5	5.46	≤30.00	PASS
		5787.5	9.36	≤30.00	PASS
		5829.5	6.31	≤30.00	PASS
SRD_10M	Ant0	5730.5	11.48	≤30.00	PASS
		5787.5	13.45	≤30.00	PASS
		5844.5	12.77	≤30.00	PASS
SRD_60M	Ant0	5755.5	4.27	≤30.00	PASS
		5787.5	4.52	≤30.00	PASS
		5819.5	4.30	≤30.00	PASS
SRD_80M	Ant0	5765.5	2.44	≤30.00	PASS
		5787.5	3.67	≤30.00	PASS
		5809.5	4.86	≤30.00	PASS

Note: The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.
Note: Both the two antennas had been tested, but only the worst data was recorded in the report.

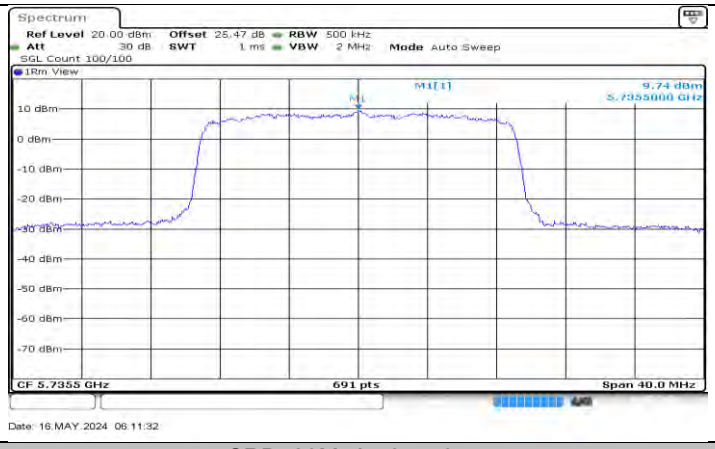
11.5.2. Test Graphs



SRD_20M_Ant0_5180

SRD_20M_Ant0_5200

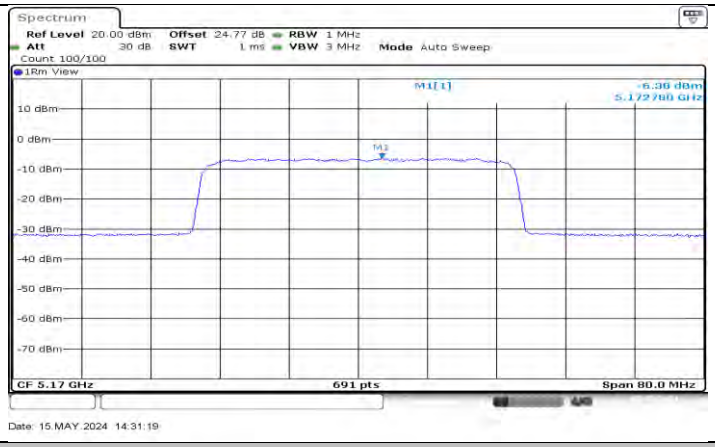
SRD_20M_Ant0_5240



SRD_20M_Ant0_5735.5

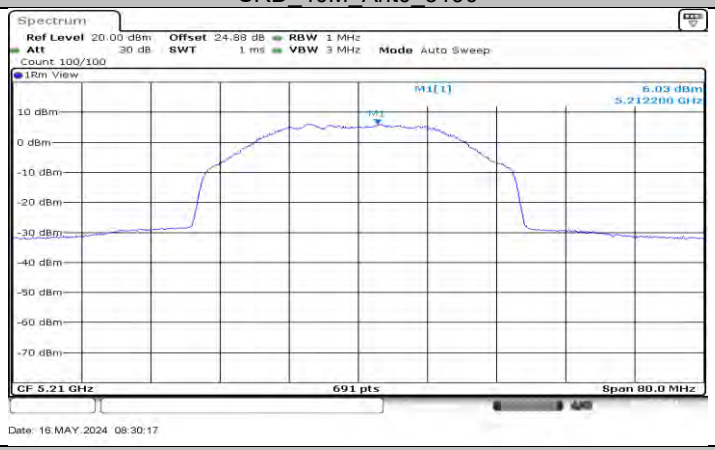
SRD_20M_Ant0_5787.5

SRD_20M_Ant0_5839.5



SRD_40M_Ant0_5170

SRD_40M_Ant0_5190

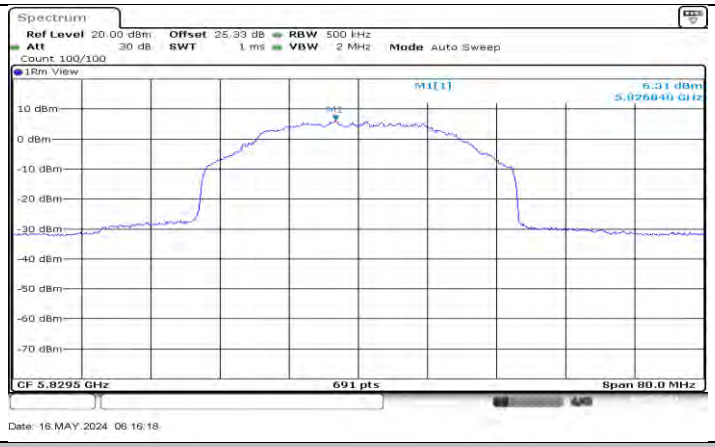


SRD_40M_Ant0_5210

SRD_40M_Ant0_5230

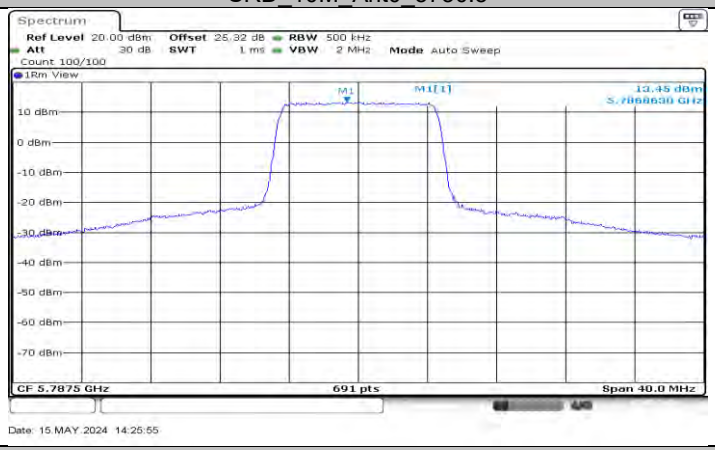
SRD_40M_Ant0_5745.5

SRD_40M_Ant0_5787.5

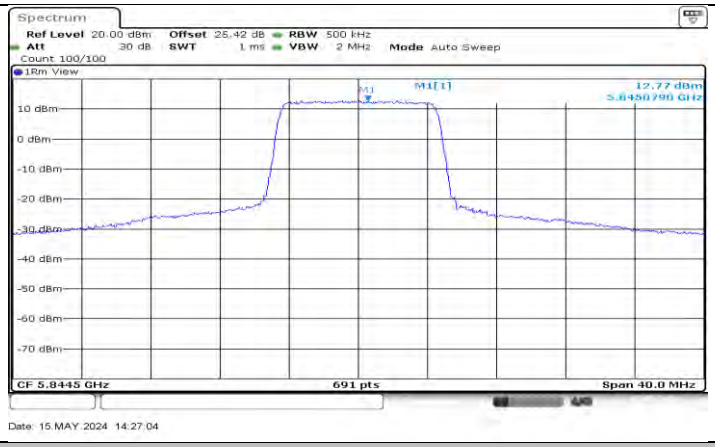


SRD_40M_Ant0_5829.5

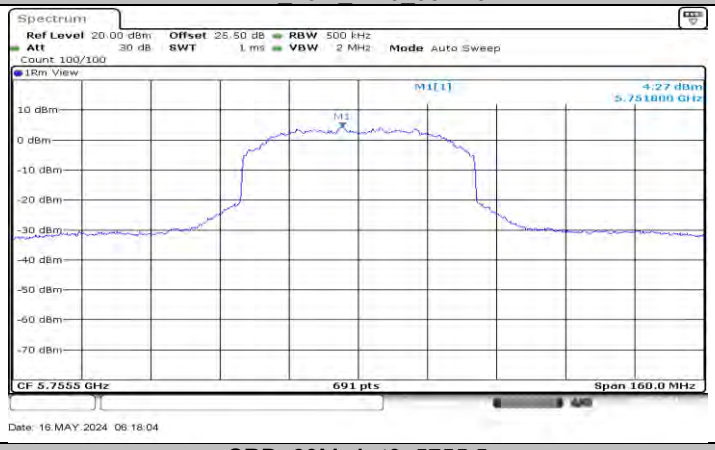
SRD_10M_Ant0_5730.5



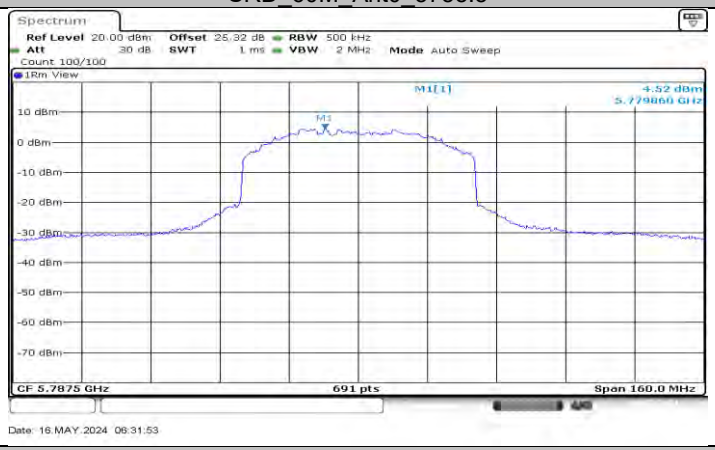
SRD_10M_Ant0_5787.5



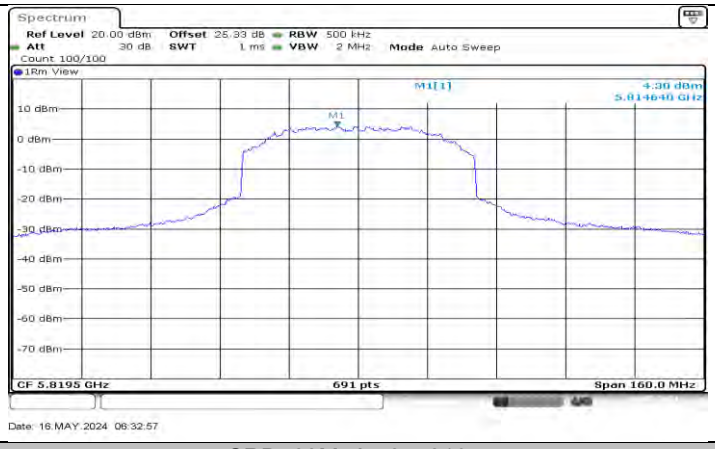
SRD_10M_Ant0_5844.5



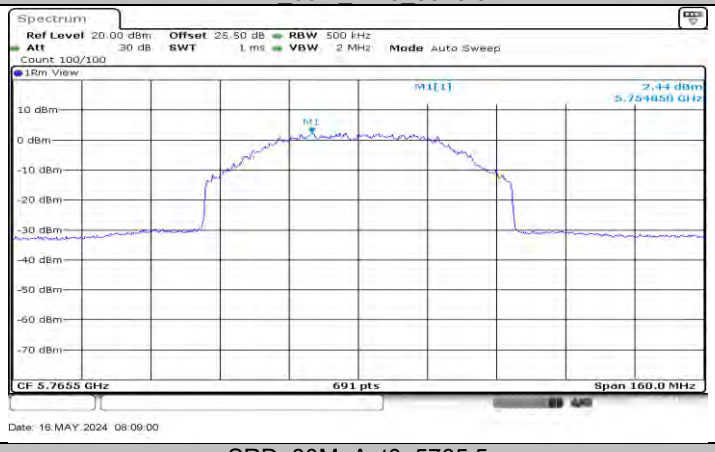
SRD_60M_Ant0_5755.5



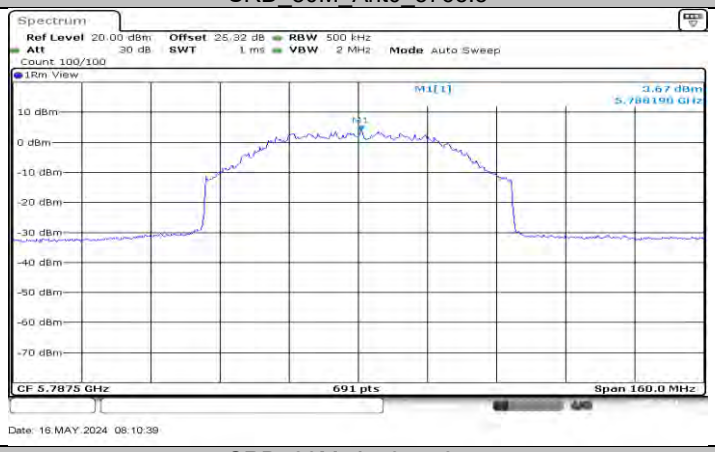
SRD_60M_Ant0_5787.5



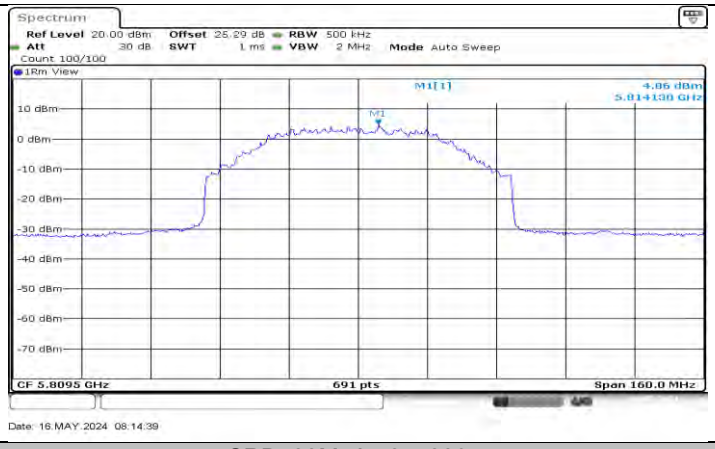
SRD_60M_Ant0_5819.5



SRD_80M_Ant0_5765.5



SRD_80M_Ant0_5787.5



SRD_80M_Ant0_5809.5

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
SRD_10M:5730.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5730.4967	-0.58	5730.5150	2.61	5730.4898	-1.78	5730.5234	4.08
TN	VN	5730.5113	1.97	5730.5148	2.58	5730.5207	3.62	5730.4813	-3.27
TN	VH	5730.4976	-0.43	5730.4818	-3.18	5730.5249	4.34	5730.5047	0.82
Frequency Error vs. Temperature									
SRD_10M:5730.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5730.5045	0.79	5730.4753	-4.31	5730.5111	1.93	5730.5117	2.05
30	VN	5730.4769	-4.03	5730.4755	-4.27	5730.5236	4.13	5730.4897	-1.80
20	VN	5730.4853	-2.56	5730.4990	-0.18	5730.5036	0.64	5730.4784	-3.76
10	VN	5730.5178	3.11	5730.4930	-1.22	5730.5240	4.18	5730.5136	2.37
0	VN	5730.5160	2.80	5730.4809	-3.33	5730.5193	3.37	5730.4913	-1.52

Note:
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.
3. Both the two antennas had been tested, but only the worst data was recorded in the report.

11.7. APPENDIX G: DUTY CYCLE

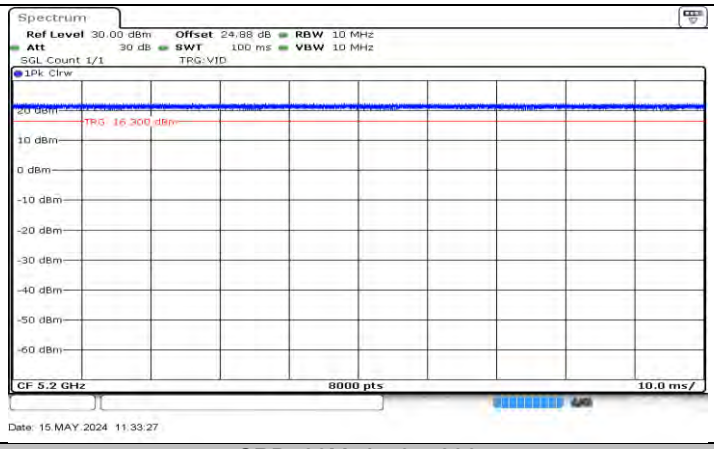
11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	30.00	30.00	1.0000	100.00	0.00	0.01	0.01
SRD_20M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD_40M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD_10M	30.00	30.00	1.0000	100.00	0.00	0.01	0.01
SRD_60M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD_80M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note: Both the two antennas had been tested, but only the worst data was recorded in the report.

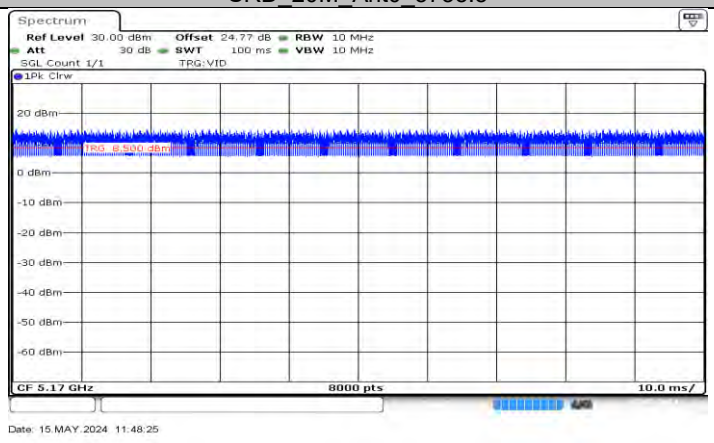
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

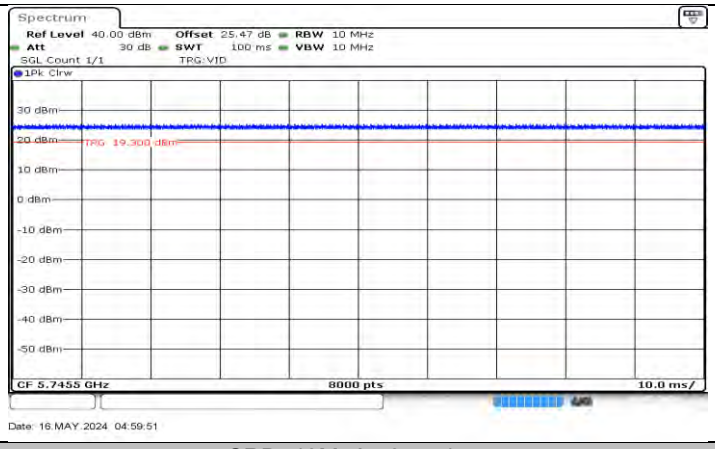


SRD_20M_Ant0_5200

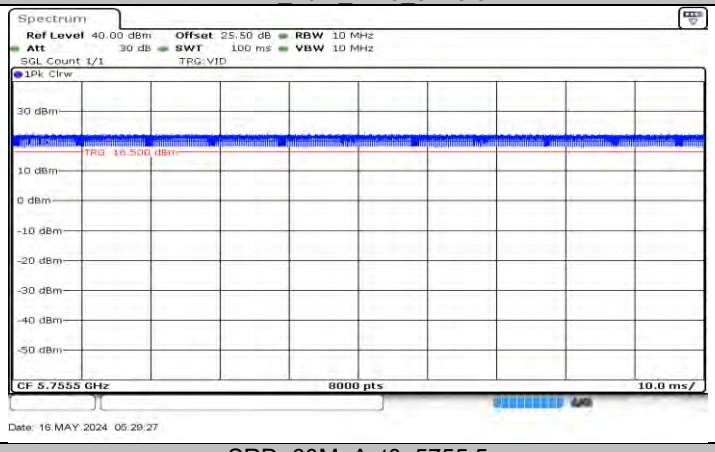
SRD_20M_Ant0_5735.5



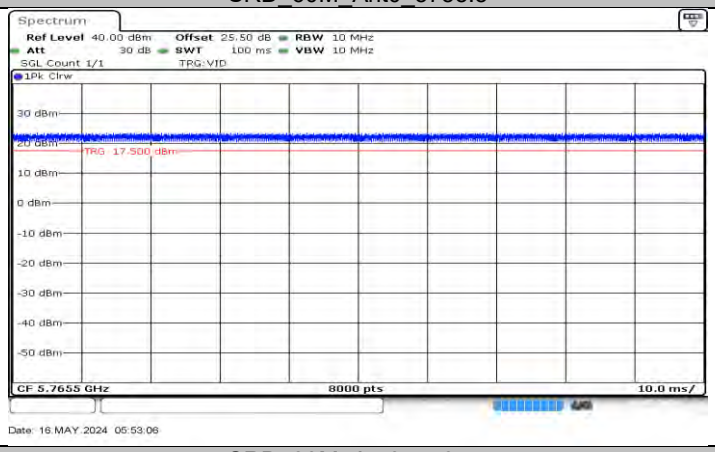
SRD_40M_Ant0_5170



SRD_40M_Ant0_5745.5



SRD_60M_Ant0_5755.5



SRD_80M_Ant0_5765.5

END OF REPORT