CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

BE16000 Whole Home Mesh Wi-Fi 7 System

MODEL NUMBER: Deco BE79, Deco BE16000

REPORT NUMBER: 4790853724-RF-5

ISSUE DATE: July 17, 2023

FCC ID: 2AXJ4BE79

Prepared for

TP-Link Corporation Limited
Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Prepared by

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

Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China

Tel: +86 769 22038881
Fax: +86 769 33244054
Website: www.ul.com

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	July 17, 2023	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
26dB Emission Bandwidth And 99% Occupied Bandwidth	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a) (10) RSS-248 Issue 2, Clause 4.4 RSS-Gen Clause 6.7	Pass
Conducted Output Power	KDB 789033 D02 v02r01 Section E.3.a (Method PM)	FCC 15.407 (a) RSS-248 Issue 2, Clause 4.5	Pass
Power Spectral Density	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a) RSS-248 Issue 2, Clause 4.5	Pass
In-Band Emissions (Mask)	KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01 J	FCC 15.407 (b) RSS-248 Issue 2, Clause 4.6	Pass
Frequency Stability		FCC 15.407 (g)	Pass
Contention-based Protocol	KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01 I	FCC 15.407 (d) (6) RSS-248 Issue 2, Clause 4.7	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 RSS-248 Issue 2, Clause 4.6 RSS-GEN Clause 8.9	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2.	FCC 15.207 RSS-GEN Clause 8.8	Pass
Antenna Requirement	/	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2), RSS-Gen Issue 5, Clause 6.8	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 <Accuracy Method> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS 6

2. TEST METHODOLOGY 7

3. FACILITIES AND ACCREDITATION 7

4. CALIBRATION AND UNCERTAINTY 8

4.1. MEASURING INSTRUMENT CALIBRATION 8

4.2. MEASUREMENT UNCERTAINTY 8

5. EQUIPMENT UNDER TEST 9

5.1. DESCRIPTION OF EUT 9

5.2. CHANNEL LIST 10

5.3. MAXIMUM EIRP 13

5.4. TEST CHANNEL CONFIGURATION 15

5.5. THE WORSE CASE POWER SETTING PARAMETER 17

5.6. WORSE CASE CONFIGURATIONS 21

5.7. DESCRIPTION OF AVAILABLE ANTENNAS 22

5.8. SUPPORT UNITS FOR SYSTEM TEST 24

6. MEASURING EQUIPMENT AND SOFTWARE USED 25

7. ANTENNA PORT TEST RESULTS 27

7.1. ON TIME AND DUTY CYCLE 27

7.2. 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH 28

7.3. CONDUCTED OUTPUT POWER 30

7.4. POWER SPECTRAL DENSITY 32

7.5. IN-BAND EMISSIONS (MASK) 34

7.6. FREQUENCY STABILITY 36

7.7. CONTENTION-BASED PROTOCOL 38

8. RADIATED TEST RESULTS 42

8.1. RESTRICTED BANDEDGE 51

8.2. SPURIOUS EMISSIONS (1 GHZ ~ 9 GHZ) 87

8.3. SPURIOUS EMISSIONS (9 GHZ ~ 18 GHZ) 105

8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ) 225

8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ) 228

8.6. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ) 230

8.7. SPURIOUS EMISSIONS (30 MHZ ~ 1 GHZ) 232

9. AC POWER LINE CONDUCTED EMISSION 234

10. ANTENNA REQUIREMENT 237

11. TEST DATA.....238

11.1. APPENDIX A: EMISSION BANDWIDTH.....238
11.1.1. Test Result.....238
11.1.2. Test Graphs.....241

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH.....282
11.2.1. Test Result.....282
11.2.2. Test Graphs.....285

11.3. APPENDIX C: DUTY CYCLE.....326
11.3.1. Test Result.....326
11.3.2. Test Graphs.....327

11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER.....330
11.4.1. CDD Mode N_{ss}=2 Test Result 330
11.4.2. CDD Mode Nss=1 Test Result 332
11.4.3. Tx beamforming Mode Nss=1 Test Result 334

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY 336
11.5.1. N_{ss}=2 Test Result.....336
11.5.2. Nss=1 Test Result.....338
11.5.3. N_{ss}=2 Test Graphs 340
11.5.4. Nss=1 Test Graphs 380

11.6. APPENDIX F: INBAND EMISSIONS.....420
11.6.1. Test Result.....420
11.6.2. Test Graphs 422

11.7. APPENDIX G: CONTENTION BASED PROTOCOL 442
11.7.1. AP Mode Test Result 442
11.7.2. AP Mode Test Graphs.....444
11.7.3. Mesh Mode Test Result 450
11.7.4. Mesh Mode Test Graphs.....452

11.8. APPENDIX H: FREQUENCY STABILITY 465
11.8.1. Test Result.....465

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	TP-Link Corporation Limited
Address:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Manufacturer Information

Company Name:	TP-Link Corporation Limited
Address:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

EUT Information

EUT Name:	BE16000 Whole Home Mesh Wi-Fi 7 System
Model:	Deco BE79, Deco BE16000
Sample Received Date:	Please refer to clause 5.1. DESCRIPTION OF EUT
Sample ID:	June 5, 2023
Date of Tested:	June 24, 2023 to July 16, 2023

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 ISED RSS-248 ISSUE 2, ANSI C63.10-2013, CFR 47 FCC Part 2, CFR 47 FCC Part 15, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, KDB987594 D01 U-NII 6GHz General Requirements v01r02, KDB987594 D02 U-NII 6 GHz EMC Measurement v01v01.

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-20019, R-20004, C-20012 and T-20011)** 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-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

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 40 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
	5.37 dB (26 GHz ~ 40 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
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	BE17000 Whole Home Mesh Wi-Fi 7 System
Model	Deco BE79 / Deco BE16000
Model Difference	Deco BE16000 have the same technical construction including circuit diagram, PCB Layout, components and component layout, all electrical construction and mechanical construction with Deco BE79.The difference lies only the model number and Deco BE79 one more 10 GHz Combo, all the RF circuit, parameter, antennas are the same.
Radio Technology	IEEE802.11ax HE20/HE40/HE80/HE160 IEEE802.11be EHT20/ EHT40/ EHT80/EHT160/EHT320
Operation Frequency	UNII-5 Band: 5925 ~ 6425 MHz UNII-7 Band: 6525 ~ 6875 MHz UNII-8 Band: 6875 ~ 7125 MHz
Modulation	IEEE 802.11ax HE20: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE40: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE80: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE160: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11be EHT20: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be EHT40: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be EHT80: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be EHT160: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be EHT320: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Normal Test Voltage:	DC 12 V via adapter

5.2. CHANNEL LIST

UNII-5 (For Bandwidth=20MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	33	6115	65	6275
/	/	37	6135	69	6295
/	/	41	6155	73	6315
/	/	45	6175	77	6335
/	/	49	6195	81	6355
/	/	53	6215	85	6375
/	/	57	6235	89	6395
/	/	61	6255	93	6415

UNII-7 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	/	/	165	6775
/	/	/	/	169	6795
/	/	/	/	173	6815
/	/	/	/	177	6835
/	/	/	/	181	6855
/	/	/	/	185	6875

UNII-8 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	205	6975	225	7075
189	6895	209	6995	229	7095
193	6915	213	7015	/	/
197	6935	217	7035	/	/
201	6955	221	7055	/	/

UNII-5 (For Bandwidth=40MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	35	6125	67	6285
/	/	43	6165	75	6325
/	/	51	6205	83	6365
/	/	59	6245	91	6405

UNII-7 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	/	/	163	6765
/	/	/	/	171	6805
/	/	/	/	179	6845

UNII-8 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
187	6885	203	6965	219	7045
195	6925	211	7005	227	7085

UNII-5 (For Bandwidth=80MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	39	6145	71	6305
/	/	55	6225	87	6385

UNII-7 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	/	/	183	6865
/	/	167	6785	/	/

UNII-8 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025	/	/

UNII-5 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	47	6185	79	6345

UNII-7 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	175	6825	207	6985

UNII-5 (For Bandwidth=320 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
63	6265	/	/	/	/

UNII-8 (For Bandwidth=320 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
191	6905	/	/	/	/

5.3. MAXIMUM EIRP

UNII-5 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	5.925-6.425	10.75	16.76
ax HE40		13.87	19.88
ax HE80		17.05	23.06
ax HE160		22.61	25.61

UNII-7 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	6.525-6.875	11.04	17.05
ax HE40		13.87	19.88
ax HE80		20.08	23.08
ax HE160		20.09	26.10

UNII-8 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	6.875 -7.125	14.14	17.14
ax HE40		20.06	20.06
ax HE80		19.96	22.96
ax HE160		22.99	25.99

UNII-5 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
be EHT20	5.925-6.425	11.14	17.15
be EHT40		13.84	19.85
be EHT80		16.96	22.97
be EHT160		22.66	25.66
be EHT320		22.32	28.33

UNII-7 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
be EHT20	6.525-6.875	11.15	17.16
be EHT40		14.06	20.07
be EHT80		20.17	23.17
be EHT160		22.86	25.86

UNII-8 BAND

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
be EHT20	6.875 -7.125	11.07	17.08
be EHT40		17.14	20.14
be EHT80		16.86	22.87
be EHT160		22.57	25.57
be EHT320		22.61	28.62

5.4. TEST CHANNEL CONFIGURATION

UNII-5 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 33(Low Channel), CH 65(MID Channel), CH 93(High Channel)	6115 MHz, 6275 MHz, 6415 MHz
802.11ax HE40	CH 35(Low Channel), CH 67(MID Channel), CH 91(High Channel)	6125 MHz, 6285 MHz, 6405 MHz
802.11ax HE80	CH 39(Low Channel), CH 55(MID Channel), CH 87(High Channel)	6145 MHz, 6225 MHz, 6385 MHz
802.11ax HE160	CH 47(MID Channel), CH 79(High Channel)	6185 MHz, 6345 MHz

UNII-5 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 33(Low Channel), CH 65(MID Channel), CH 93(High Channel)	6115 MHz, 6275 MHz, 6415 MHz
802.11be EHT40	CH 35(Low Channel), CH 67(MID Channel), CH 91(High Channel)	6125 MHz, 6285 MHz, 6405 MHz
802.11be EHT80	CH 39(Low Channel), CH 55(MID Channel), CH 87(High Channel)	6145 MHz, 6225 MHz, 6385 MHz
802.11be EHT160	CH 15(Low Channel), CH 47(MID Channel), CH 79(High Channel)	6025 MHz, 6185 MHz, 6345 MHz
802.11be EHT320	CH 63(Low Channel)	6265 MHz

UNII-7 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 165(Low Channel), CH 173(MID Channel), CH 185(High Channel)	6755 MHz, 6815 MHz, 6875 MHz
802.11ax HE40	CH 163(Low Channel), CH 171(MID Channel), CH 179(High Channel)	6765 MHz, 6805 MHz, 6845 MHz
802.11ax HE80	CH 167(Low Channel), CH 183(High Channel)	6785 MHz, 6865 MHz
802.11ax HE160	CH 175(High Channel), CH 207(High Channel)	6825 MHz, 6985 MHz

UNII-7 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 165(Low Channel), CH 173(MID Channel), CH 185(High Channel)	6755 MHz, 6815 MHz, 6875 MHz
802.11be EHT40	CH 163(Low Channel), CH 171(MID Channel), CH 179(High Channel)	6765 MHz, 6805 MHz, 6845 MHz
802.11be EHT80	CH 167(Low Channel), CH 183(High Channel)	6785 MHz, 6865 MHz
802.11be EHT160	CH 175(High Channel), CH 207(High Channel)	6825 MHz, 6985 MHz

UNII-8 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 189(Low Channel), CH 213(MID Channel), CH 229 (High Channel)	6895 MHz, 7015 MHz, 7095 MHz
802.11ax HE40	CH 187(Low Channel), CH 211(MID Channel), CH 227(High Channel)	6885 MHz, 7005 MHz, 7085 MHz
802.11ax HE80	CH 199(Low Channel), CH 215(High Channel)	6945 MHz, 7025 MHz

UNII-8 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 189(Low Channel), CH 213(MID Channel), CH 229 (High Channel)	6895 MHz, 7015 MHz, 7095 MHz
802.11be EHT40	CH 187(Low Channel), CH 211(MID Channel), CH 227(High Channel)	6885 MHz, 7005 MHz, 7085 MHz
802.11be EHT80	CH 199(Low Channel), CH 215(High Channel)	6945 MHz, 7025 MHz
802.11be EHT320	CH 191(Low Channel)	6905 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	QSPR

IEE Std. 802.11	Rate	Frequency (MHz)	Tx power level (dBm) ANT1-ANT2 (Nss=2)/ ANT3-ANT4 (Nss=2)
ax HE20	MCS0	6115	11
		6275	10.5
		6415	11.5
		6755	13.5
		6815	13.5
		6875	13
		6895	13
		7015	12.5
		7095	12
ax HE40	MCS0	6125	14
		6285	13.5
		6405	14
		6765	17
		6805	16.5
		6845	16.5
		6885	16
		7005	15.5
		7085	15
ax HE80	MCS0	6145	17.5
		6225	17
		6385	17.5
		6785	21
		6865	21
		6945	21
		7025	20.5
ax HE160	MCS0	6185	20
		6345	20
		6825	24.5
		6985	22.5
be EHT20	MCS0	6115	11.5
		6275	11
		6415	11.5
		6755	14
		6815	14
		6875	13.5

		6895	13.5
		7015	13
		7095	12.5
be EHT40	MCS0	6125	14
		6285	13.5
		6405	14
		6765	18
		6805	18.5
		6845	18
		6885	18
		7005	17
		7085	16
be EHT80	MCS0	6145	17.5
		6225	17.5
		6385	18
		6785	22
		6865	21.5
		6945	21.5
		7025	20.5
be EHT160	MCS0	6185	21
		6345	21
		6825	25
		6985	22.5
be EHT320	MCS0	6265	24
		6905	24

IEE Std. 802.11	Rate	Frequency (MHz)	Tx power level (dBm) ANT1-ANT2 (Nss=1) / ANT3-ANT4 (Nss=1)
ax HE20	MCS0	6115	7
		6275	7
		6415	7
		6755	10
		6815	10
		6875	9
		6895	9
		7015	9.5
		7095	9
ax HE40	MCS0	6125	10
		6285	10
		6405	10
		6765	13
		6805	13
		6845	12.5
		6885	12
		7005	12
		7085	12
ax HE80	MCS0	6145	13.5
		6225	13
		6385	13.5
		6785	16
		6865	15.5
		6945	15.5
		7025	15.5
ax HE160	MCS0	6185	16
		6345	16
		6825	19.5
		6985	18.5
be EHT20	MCS0	6115	7.5
		6275	7.5
		6415	7.5
		6755	9.5
		6815	9.5
		6875	8.5
		6895	8.5
		7015	9
		7095	9

be EHT40	MCS0	6125	10
		6285	10
		6405	10
		6765	12.5
		6805	12.5
		6845	12
		6885	11.5
		7005	12
		7085	11.5
be EHT80	MCS0	6145	13.5
		6225	13
		6385	13.5
		6785	15.5
		6865	15
		6945	15
		7025	15
be EHT160	MCS0	6185	16
		6345	16
		6825	18.5
		6985	17.5
be EHT320	MCS0	6265	19.5
		6905	21

5.6. WORSE CASE CONFIGURATIONS

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

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

Test channels referring to section 5.4.
Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:
802.11ax HE20 CDD/TX beamforming mode : MCS0
802.11ax HE40 CDD/TX beamforming mode : MCS0
802.11ax HE80 CDD/TX beamforming mode : MCS0
802.11ax HE160 CDD/TX beamforming mode : MCS0
802.11be EHT20 CDD/TX beamforming mode : MCS0
802.11be EHT40 CDD/TX beamforming mode : MCS0
802.11be EHT80 CDD/TX beamforming mode : MCS0
802.11be EHT160 CDD/TX beamforming mode : MCS0
802.11be EHT320 CDD/TX beamforming mode : MCS0

802.11n HT20/HT40/ac VHT20/VHT40/VHT80 and 802.11ax HE20/HE40/HE80 were performed on the worst case (802.11ax HE20/HE40/HE80) mode and only the worst data was recorded in this report.

The EUT has 4 separate antennas which correspond to 4 separate antenna ports. Core 1, Core 2 correspond to antenna 1, antenna 2, antenna 3, antenna 4, Antenna 1 and Antenna 2 used for 6G WiFi High Band, Antenna 3 and Antenna 4 used for 6G WiFi Low Band.

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

The EUT not support partial Rus and channel puncturing mode.

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

The EUT support CDD and Tx beamforming mode, the power settings for Tx beamforming mode and CDD mode are the same, all the modes had been tested, but only the worst data was recorded in the report.

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency Band	Antenna Type	Maximum Antenna Gain (dBi)
1	5925-7125	Dipole Antenna	3
2	5925-7125	Dipole Antenna	3
3	5925-7125	Dipole Antenna	3
4	5925-7125	Dipole Antenna	3

The EUT support 2 TX, Antenna 1 and Antenna 2 used for 6G WiFi High Band, Antenna 3 and Antenna 4 used for 6G WiFi Low Band.

The EUT support Cyclic Shift Diversity (CDD) mode.

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

For output power measurements:
Directional gain= G_{ANT+} Array Gain = 3 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:

Directional gain= G_{ANT+} Array Gain = 3 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when $N_{SS} = 2$

Directional gain= G_{ANT+} Array Gain = 6.01 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when $N_{SS} = 1$

The EUT support Tx beamforming mode.

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

For output power measurements:

Directional gain= G_{ANT+} Array Gain = 3 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when N_{SS} = 2

Directional gain= G_{ANT+} Array Gain = 6.01 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when N_{SS} = 1

For power spectral density (PSD) measurements:

Directional gain= G_{ANT+} Array Gain = 3 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when N_{SS} = 2

Directional gain= G_{ANT+} Array Gain = 6.01 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, when N_{SS} = 1

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11ax HE20	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE40	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE80	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE160	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT20	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT40	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT80	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT160	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT320	☒2TX, 2RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.

5.8. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	ThinkPad	X230i	/

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	LAN1	RJ45	Unshielded	1.0 m	/
2	LAN2	RJ45	Unshielded	1.0 m	/
3	LAN3	RJ45	Unshielded	1.0 m	/
4	WLAN	RJ45	Unshielded	1.0 m	/

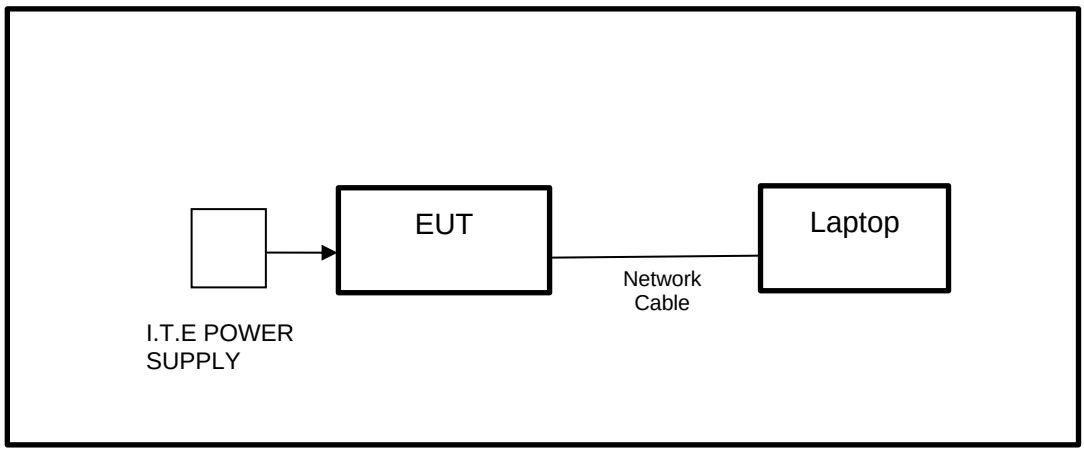
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
1	I.T.E POWER SUPPLY	tp-link	T120330-2B4	Input: AC 100-240 V, 50 / 60 Hz, 1.0 A Output: DC 12.0 V, 3.3 A

TEST SETUP

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

SETUP DIAGRAM FOR TESTS



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.31,2023	Mar.30,2024
Vector Signal Generator	R&S	SMBV100A	261637	Oct.17, 2022	Oct.16, 2023
Signal Generator	R&S	SMB100A	178553	Oct.17, 2022	Oct.16, 2023
Signal Analyzer	R&S	FSV40	101118	Oct.17, 2022	Oct.16, 2023
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.17, 2022	Oct.16, 2023
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Oct.17, 2022	Oct.16, 2023
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Oct.17, 2022	Oct.16, 2023
DC power supply	Keysight	E3642A	MY55159130	Oct.17, 2022	Oct.16, 2023
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Oct.17, 2022	Oct.16, 2023
Attenuator	Aglient	8495B	2814a12853	Oct.18, 2022	Oct.17, 2023
RF Control Unit	Tonscend	JS0806-2	23B80620666	April 18,2023	April 17,2024
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.17, 2022	Oct.16, 2023
Two-Line V-Network	R&S	ENV216	101983	Oct.17, 2022	Oct.16, 2023
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.17, 2022	Oct.16, 2023
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Aug.02, 2021	Aug.01, 2024
Preamplifier	HP	8447D	2944A09099	Oct.17, 2022	Oct.16, 2023
EMI Measurement Receiver	R&S	ESR26	101377	Oct.17, 2022	Oct.16, 2023
Horn Antenna	TDK	HRN-0118	130940	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.17, 2022	Oct.16, 2023
Horn Antenna	Schwarzbeck	BBHA9170	697	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.17, 2022	Oct.16, 2023
Preamplifier	TDK	PA-02-3	TRS-308-00002	Oct.17, 2022	Oct.16, 2023
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Oct.17, 2022	Oct.16, 2023
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV20-5440-5470-5725-5755-60SS	1	Oct.17, 2022	Oct.16, 2023

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

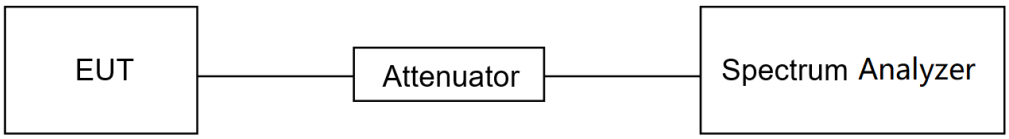
None; for reporting purposes only.

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	22.5 ℃	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

TEST RESULTS

Please refer to section "Test Data" - Appendix C

7.2. 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.	5.925-7.125 GHz

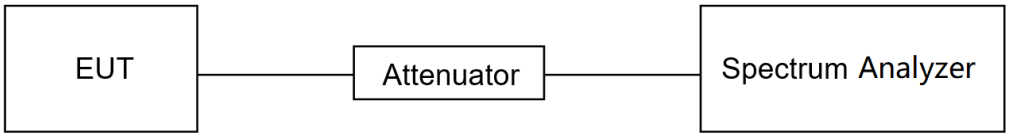
TEST PROCEDURE

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 26 dB Emission bandwidth: approximately 1 % of the EBW. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	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	22.5 ℃	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

TEST RESULTS

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

7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Standard Power Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).	5.925-6.425 GHz 6.525-6.875 GHz
	☒ Indoor Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.	5.925-7.125 GHz
	☐ Subordinate Device The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.	5.925-7.125 GHz
	☐ Client Devices, Operating Under The Control Of A Standard Power Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.	5.925-6.425 GHz 6.525-6.875 GHz
	☐ Client Devices, Operating Under The Control Of An Indoor Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.	5.925-7.125 GHz

TEST PROCEDURE

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

Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep):
(i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
(ii) Set RBW = 1 MHz.
(iii) Set VBW ≥ 3 MHz.
(iv) Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
(v) Sweep time = auto.
(vi) Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
(vii) If transmit duty cycle < 98 %, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty

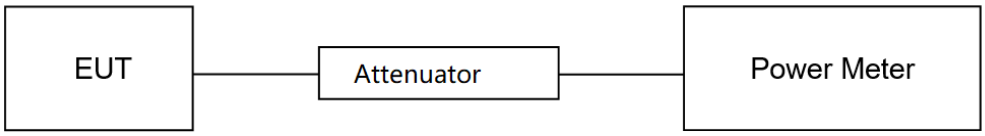
cycle ≥ 98 %, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run.”
(viii) Trace average at least 100 traces in power averaging (rms) mode.
(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

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 %).

Method PM-G (Measurement using a gated RF average power meter):
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Straddle channel power was measured using spectrum analyzer.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.5 ℃	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 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)
Conducted Output Power	☐ Standard Power Access Point The maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band.	5.925-6.425 GHz 6.525-6.875 GHz
	☒ Indoor Access Point The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.	5.925-7.125 GHz
	☐ Subordinate Device The maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.	5.925-7.125 GHz
	☐ Client Devices, Operating Under The Control Of A Standard Power Access Point The maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band.	5.925-6.425 GHz 6.525-6.875 GHz
	☐ Client Devices, Operating Under The Control Of An Indoor Access Point The maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band.	5.925-7.125 GHz

TEST PROCEDURE

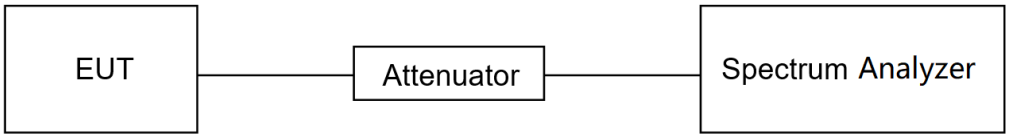
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

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

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
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 reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.5 ℃	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.5. IN-BAND EMISSIONS (MASK)

LIMITS

Please refer to CFR 47 FCC §15.407 (b) (7) and RSS-248 Issue 2, Clause 4.2 (b)

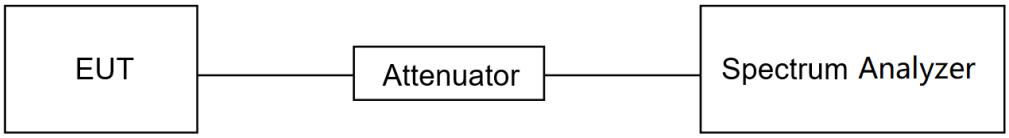
For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

Refer to 987594 D02 U-NII 6GHz EMC Measurement v01r01 J.

Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW ≥ 3 X RBW
d) Number of points in sweep ≥ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging)
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
b. Suppressed by 28 dB at one channel bandwidth from the channel center.
c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.5 ℃	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

TEST RESULTS

Please refer to section "Test Data" - Appendix F

7.6. 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 analyser 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

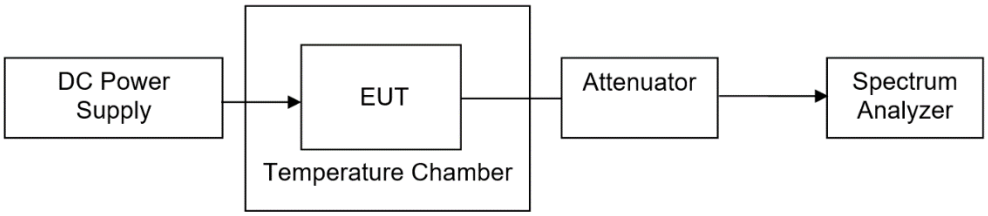
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

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 12 V	V_L (Low Voltage): DC 10.20 V
		V_H (High Voltage): DC 13.80 V

TEST SETUP



TEST ENVIRONMENT

Temperature	22.5℃	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	DC 12 V

TEST RESULTS

Please refer to section "Test Data" - Appendix H

7.7. CONTENTION-BASED PROTOCOL

LIMITS

Please refer to CFR 47 FCC §15.407 (d) (6) and RSS-248 Issue 2 Clause 4.7

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)1. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.
To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater
certainty.

a) Simulating Incumbent Signal
The incumbent signal is assumed to be noise-like. One example of such transmission could be Digital Video Broadcasting (DVB) systems that use Orthogonal Frequency Division Multiplexing (OFDM). Incumbent systems may also use different bandwidths for their transmissions. A 10 MHz-wide additive white Gaussian noise (AWGN) signal is selected to simulate and represent incumbent transmission.
b) Required number of tests
Incumbent and EUT (access point, subordinate or client) signals may occupy different portions of the channel. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz-wide AWGN signal), the center frequency of the EUT signal $ffcc1$ may fall within the incumbent's occupied bandwidth (Figure 1.a), or outside of it (Figure 1.b).

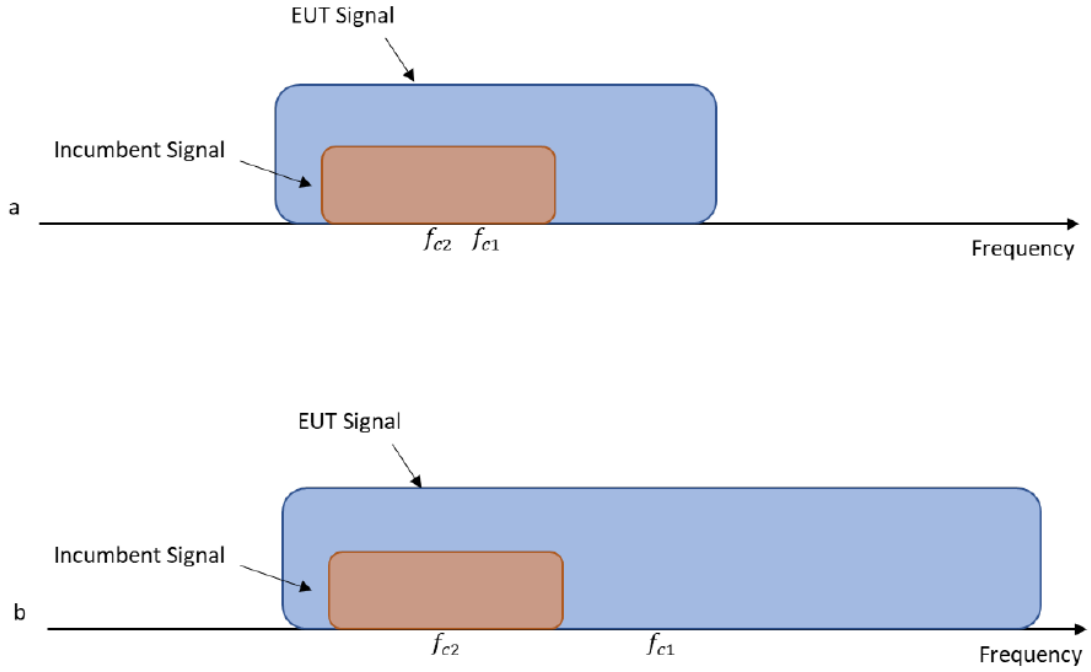


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency $ffcc2$) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed;

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

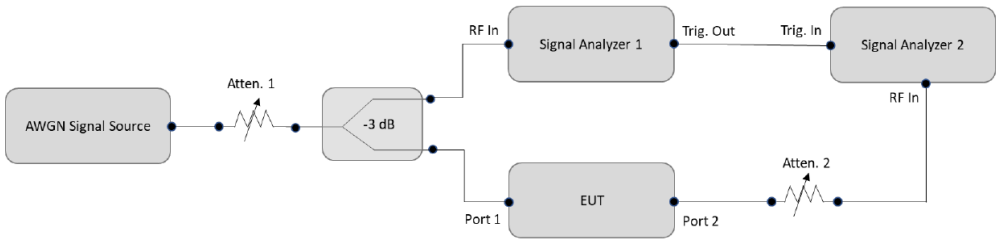
where:
BW_{EUT}: Transmission bandwidth of EUT signal
BW_{Inc}: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)
f_{c1}: Center frequency of EUT transmission
f_{c2}: Center frequency of simulated incumbent signal

TEST PROCEDURE

To ensure the EUT is capable of detecting co-channel energy, the first step is to configure the EUT to transmit with a constant duty cycle.2 To simulate an incumbent signal, a signal generator (or similar source) that is capable of generating band-limited additive white Gaussian noise (AWGN) is required. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure 2) or a radiated method (Figure 3). Figure 2 shows the conducted test setup where a band-limited AWGN signal is generated at a very low power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased while the EUT transmission is monitored on a signal analyzer 2 to verify if the EUT can sense the AWGN signal and can subsequently cease its transmission. A triggered measurement, as shown in Figure 2, is optional, and assists with determining the time it takes the EUT to cease transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, then an AWGN signal source can be connected to the same antenna port.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.5℃	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	DC 12 V

TEST RESULTS

Please refer to section "Test Data" - Appendix G

8. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b) (6).

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) (6) and ISED RSS-247 4.6.

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

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.

Note: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

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.

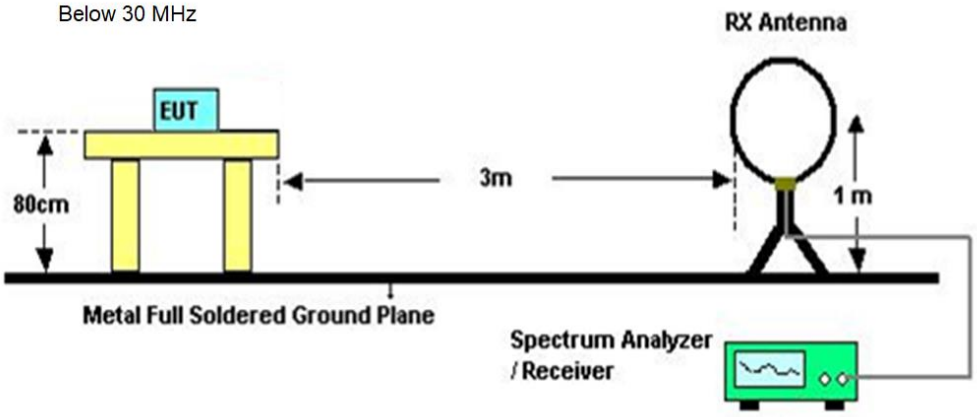
For Radiate Spurious Emission (7 GHz ~ 18 GHz):
Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting 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.

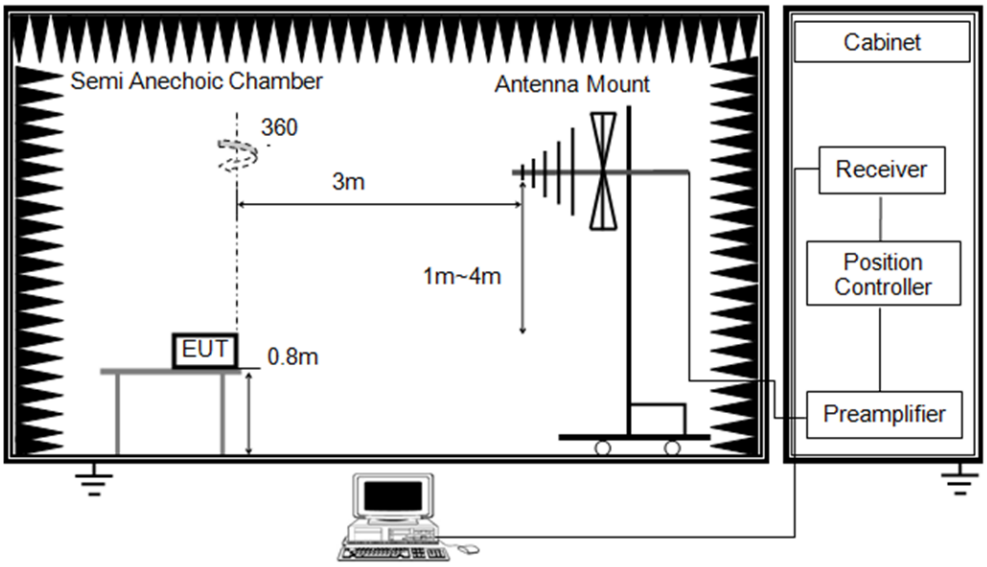
For Radiate Spurious emission (26 GHz ~ 40 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes, channels and antennas have been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

TEST SETUP

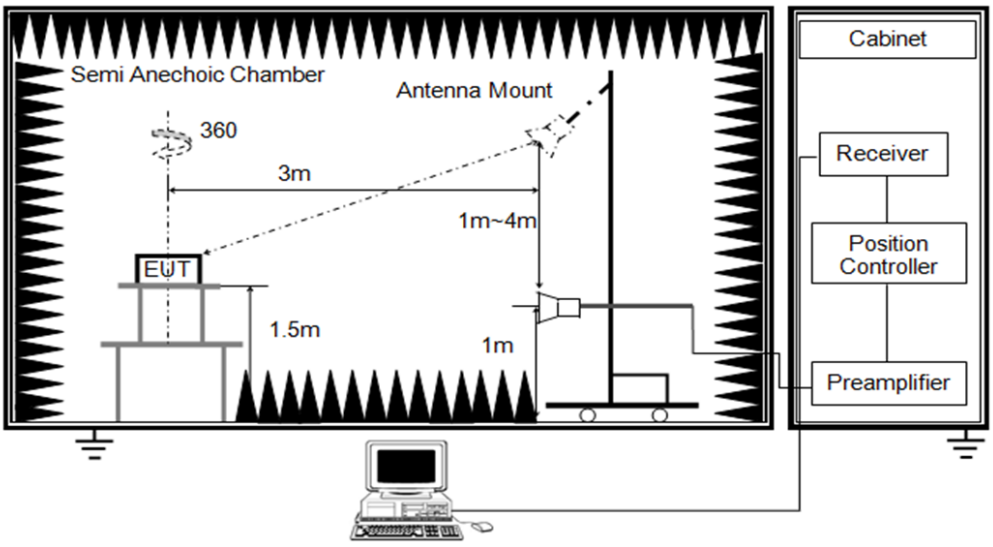
Below 30 MHz



Below 1 GHz and above 30 MHz



Above 1 GHz



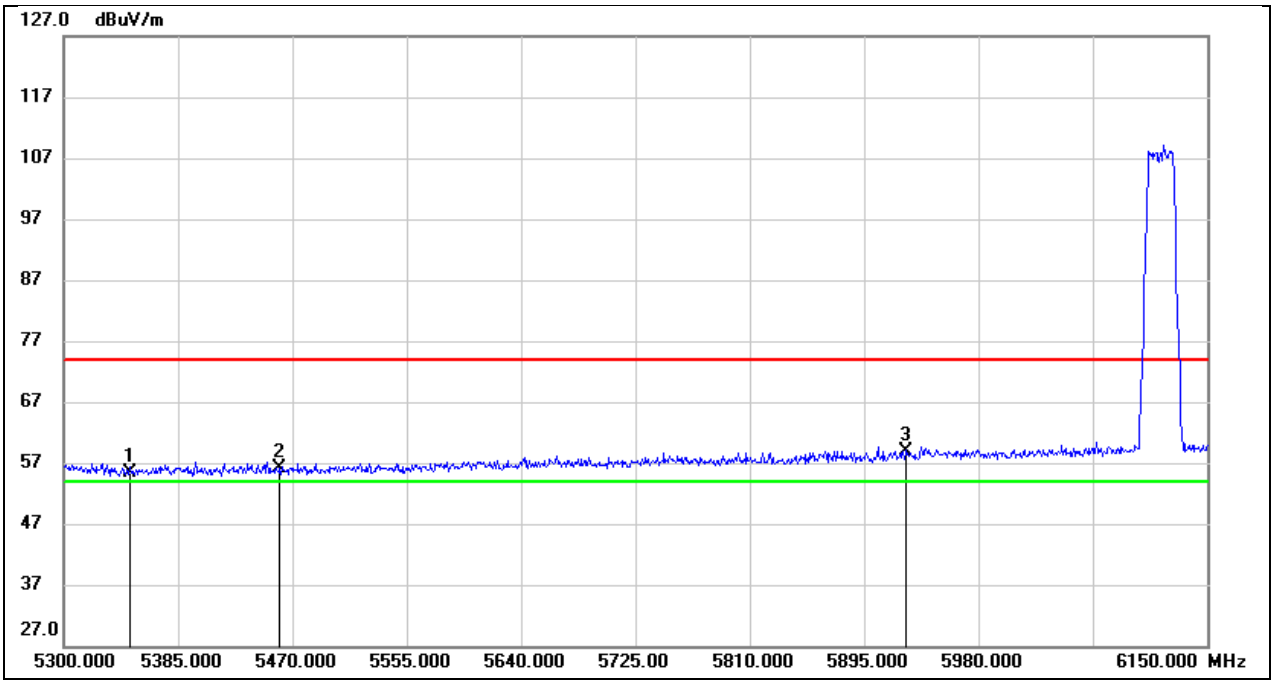
TEST ENVIRONMENT

Temperature	24.3 ℃	Relative Humidity	61%
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

TEST RESULTS

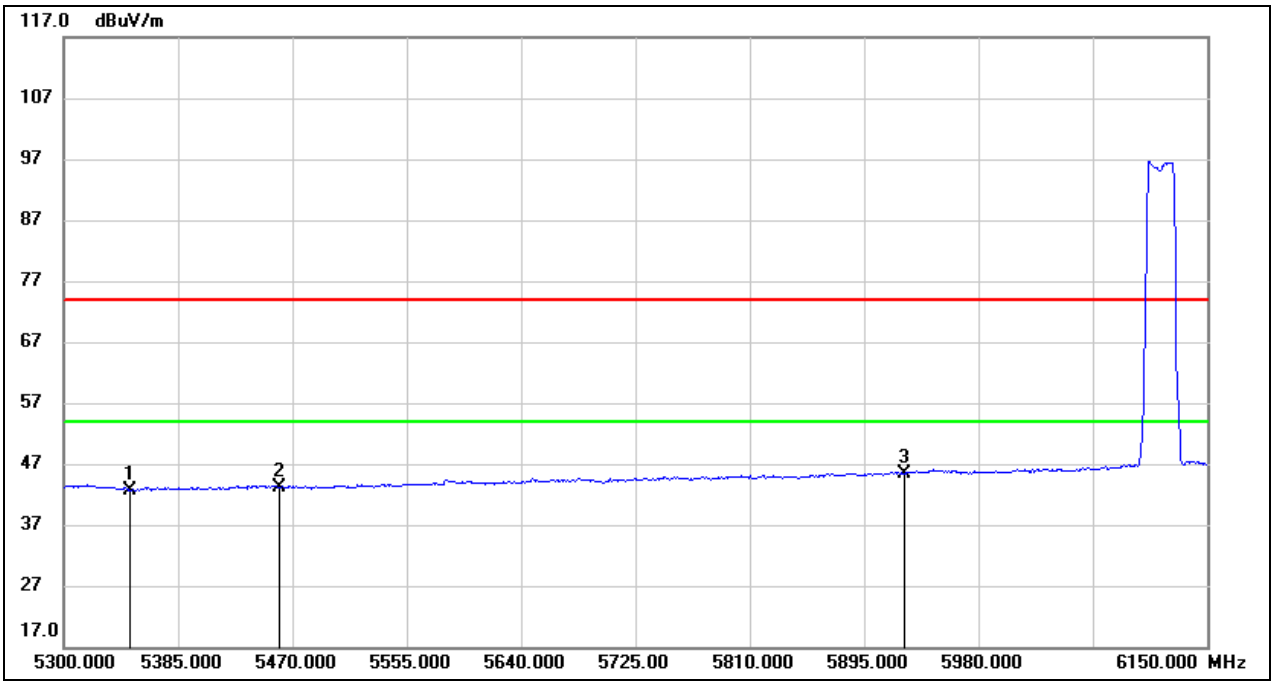
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11ax HE20 PK	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



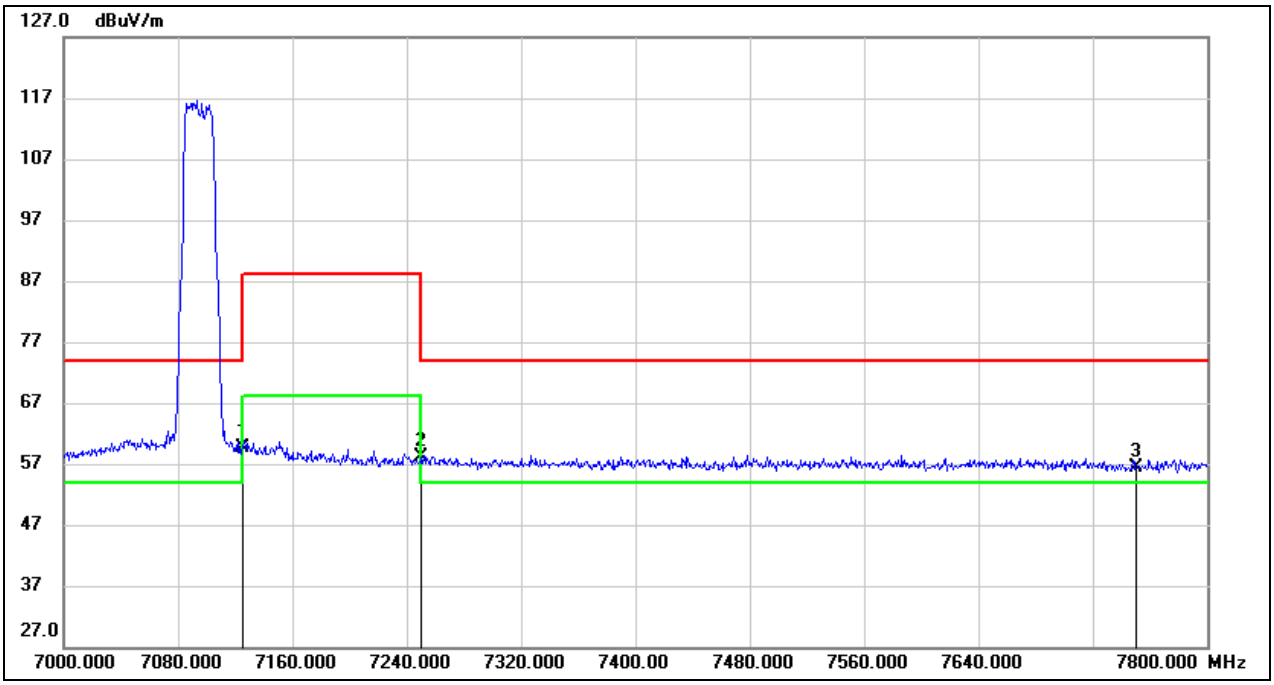
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.99	40.49	55.48	74.00	-18.52	peak
2	5460.000	15.61	40.62	56.23	74.00	-17.77	peak
3	5925.000	17.04	41.80	58.84	74.00	-15.16	peak

Test Mode:	802.11ax HE20 AV	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



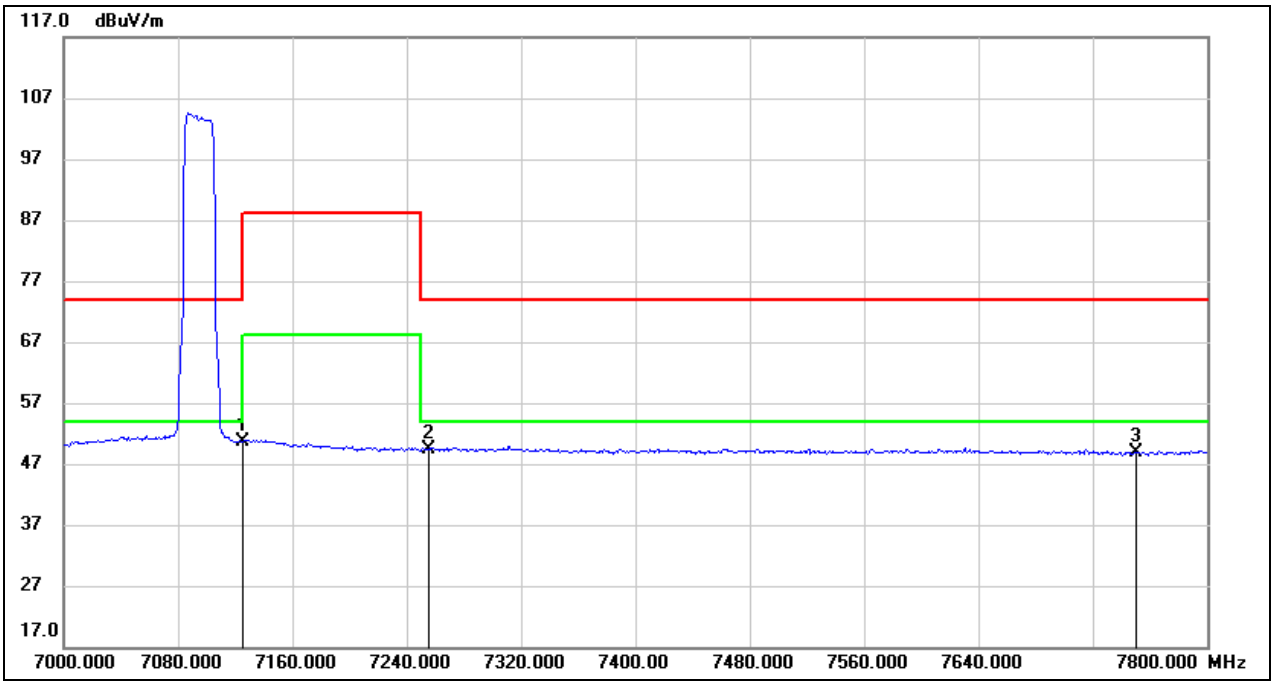
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.20	40.49	42.69	54.00	-11.31	AVG
2	5460.000	2.54	40.62	43.16	54.00	-10.84	AVG
3	5925.000	3.63	41.80	45.43	54.00	-8.57	AVG

Test Mode:	802.11ax HE20 PK	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



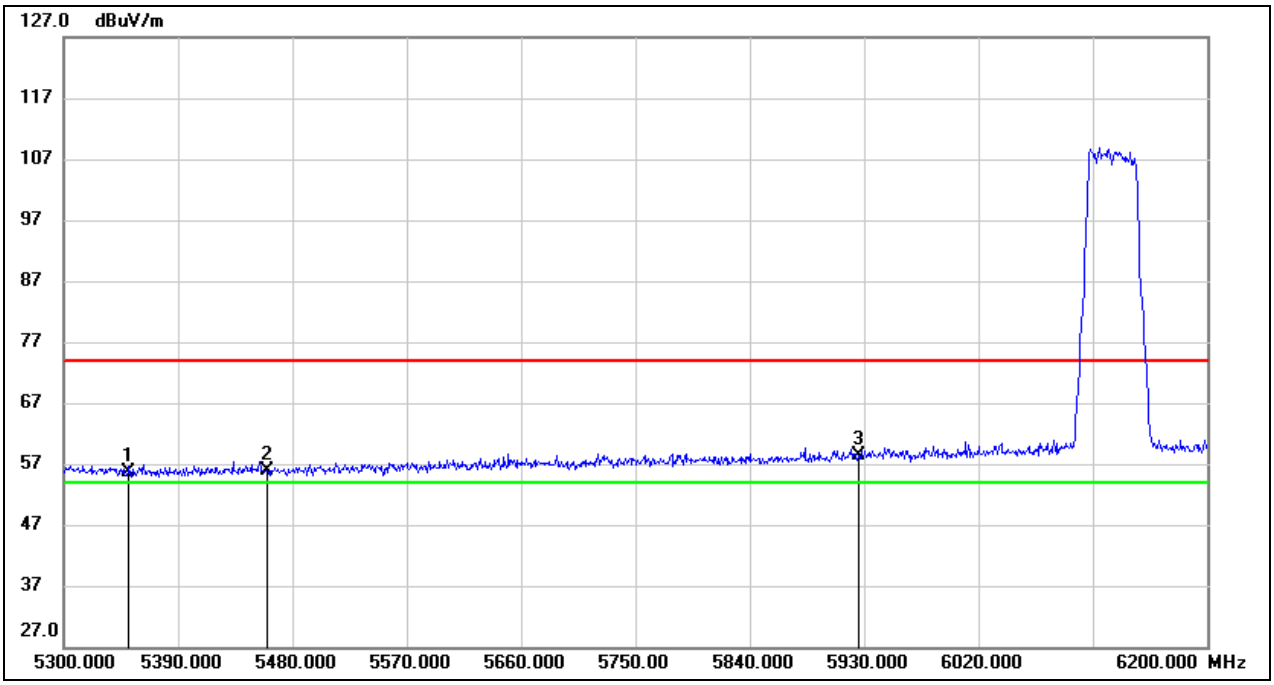
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	14.23	45.36	59.59	74.00	-14.41	peak
2	7250.000	12.75	45.27	58.02	74.00	-15.98	peak
3	7750.000	11.29	45.08	56.37	74.00	-17.63	peak

Test Mode:	802.11ax HE20 AV	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



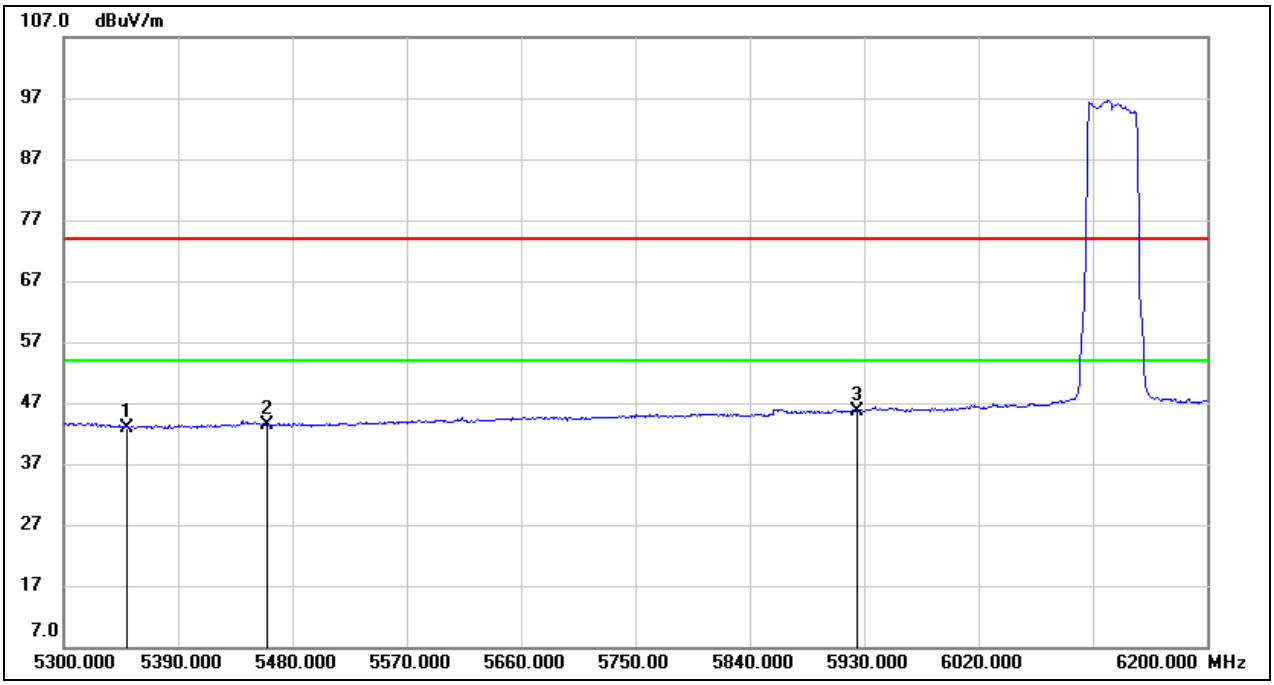
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	5.15	45.36	50.51	54.00	-3.49	AVG
2	7255.000	4.13	45.28	49.41	54.00	-4.59	AVG
3	7750.000	3.83	45.08	48.91	54.00	-5.09	AVG

Test Mode:	802.11ax HE40 PK	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



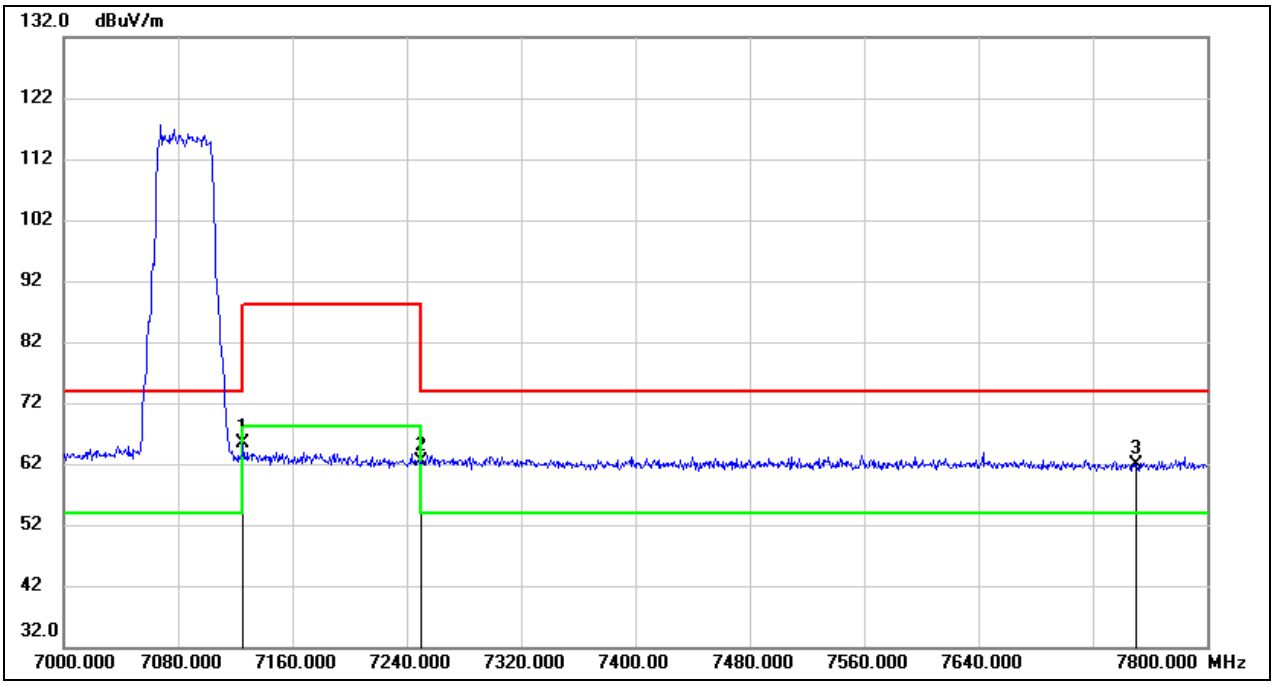
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.20	40.49	55.69	74.00	-18.31	peak
2	5460.000	15.38	40.62	56.00	74.00	-18.00	peak
3	5925.000	16.50	41.80	58.30	74.00	-15.70	peak

Test Mode:	802.11ax HE40 AV	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



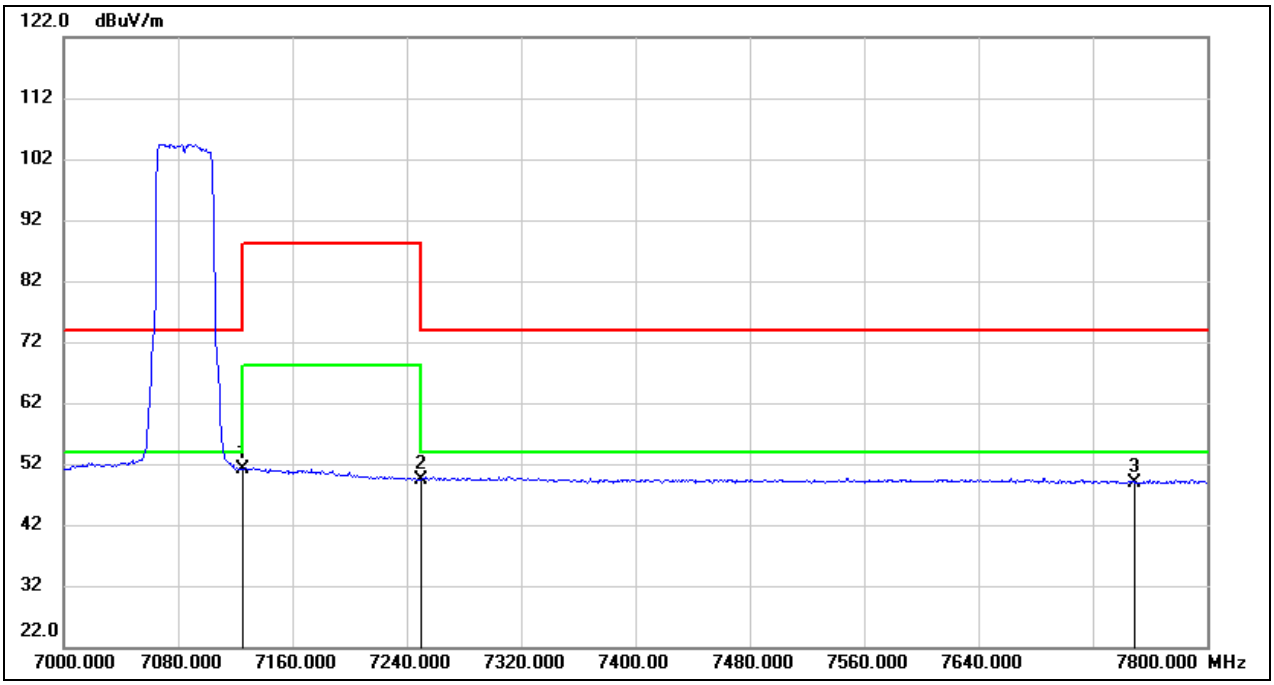
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.47	40.49	42.96	54.00	-11.04	AVG
2	5460.000	2.71	40.62	43.33	54.00	-10.67	AVG
3	5925.000	3.89	41.80	45.69	54.00	-8.31	AVG

Test Mode:	802.11ax HE40 PK	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



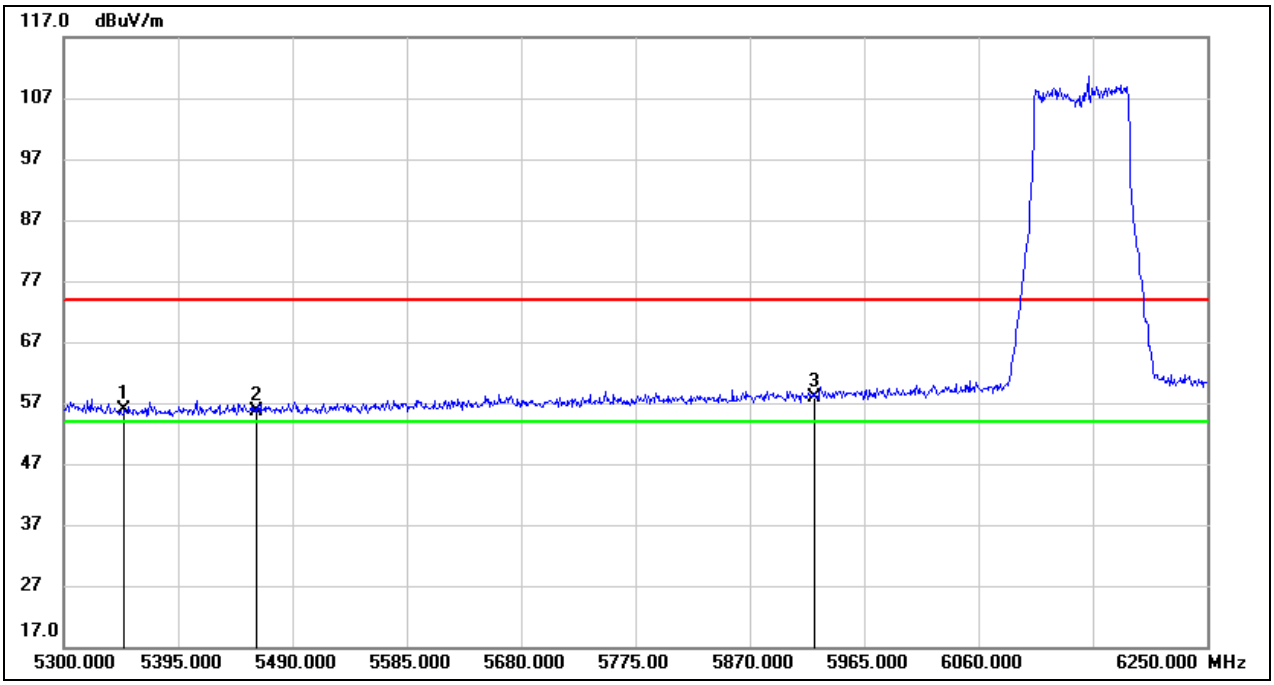
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	19.94	45.36	65.30	74.00	-8.70	peak
2	7250.000	17.16	45.27	62.43	74.00	-11.57	peak
3	7750.000	16.74	45.08	61.82	74.00	-12.18	peak

Test Mode:	802.11ax HE40 AV	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



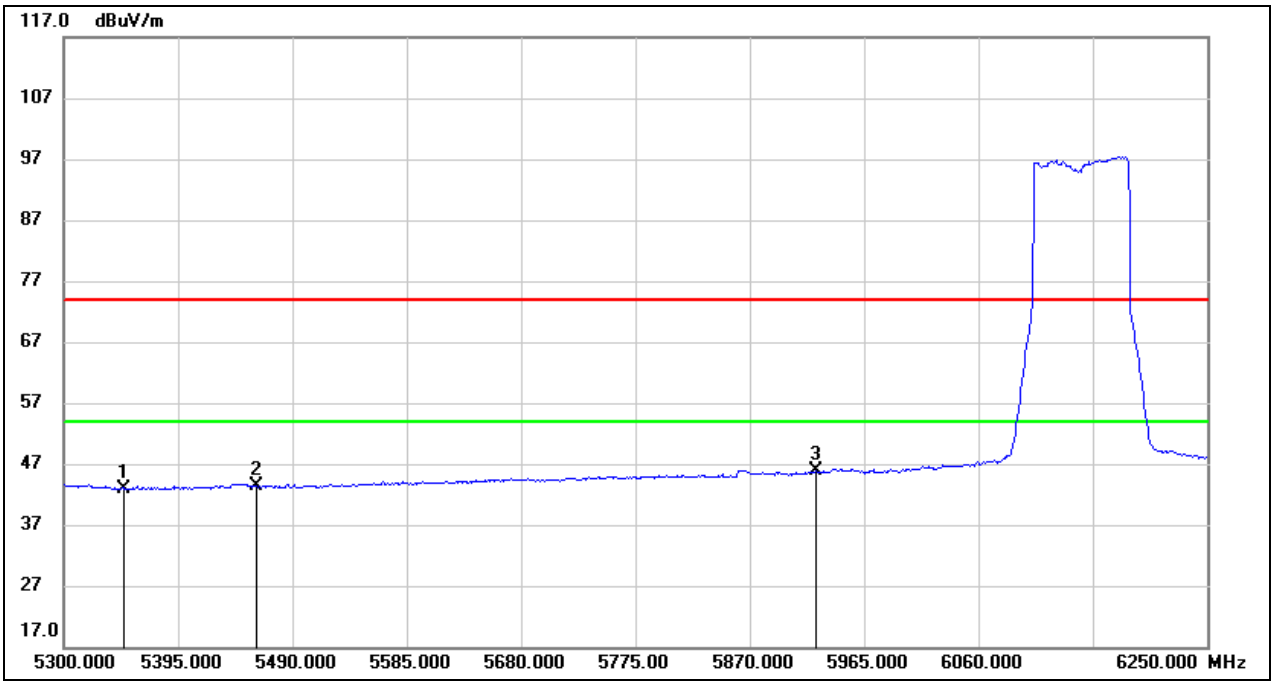
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	5.67	45.36	51.03	54.00	-2.97	AVG
2	7250.000	4.18	45.27	49.45	54.00	-4.55	AVG
3	7750.000	3.85	45.08	48.93	54.00	-5.07	AVG

Test Mode:	802.11ax HE80 PK	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



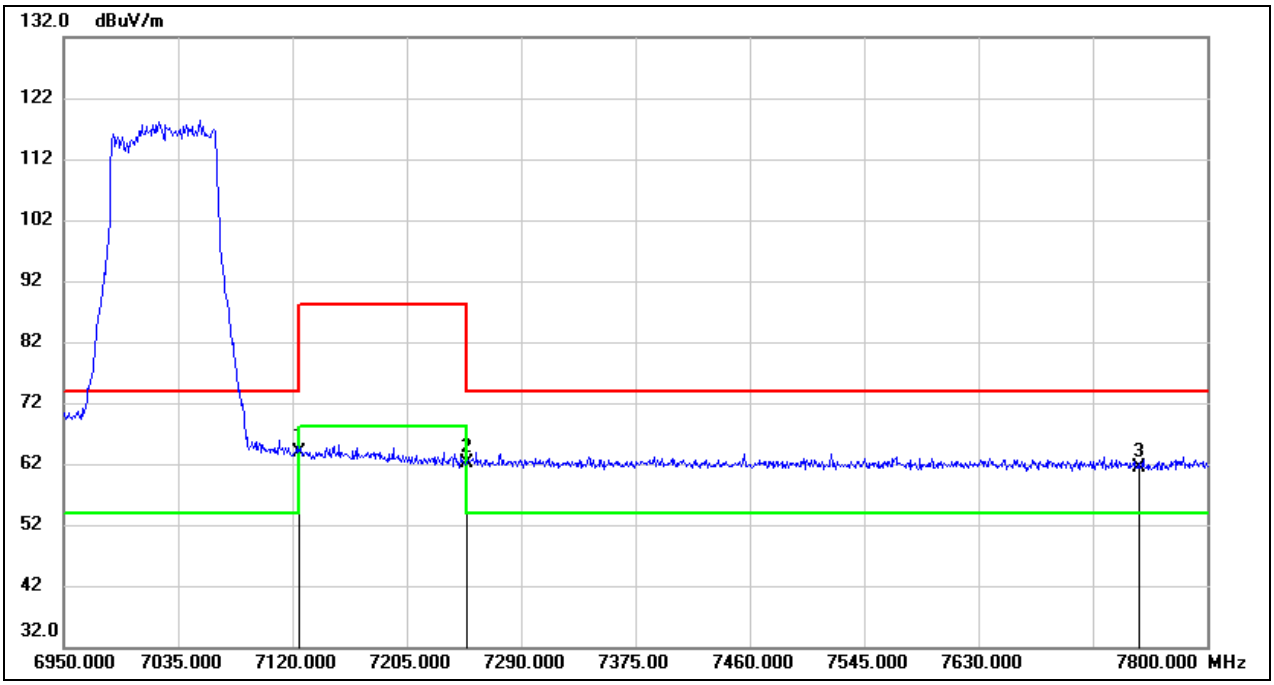
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.33	40.49	55.82	74.00	-18.18	peak
2	5460.000	14.99	40.62	55.61	74.00	-18.39	peak
3	5925.000	16.03	41.80	57.83	74.00	-16.17	peak

Test Mode:	802.11ax HE80 AV	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



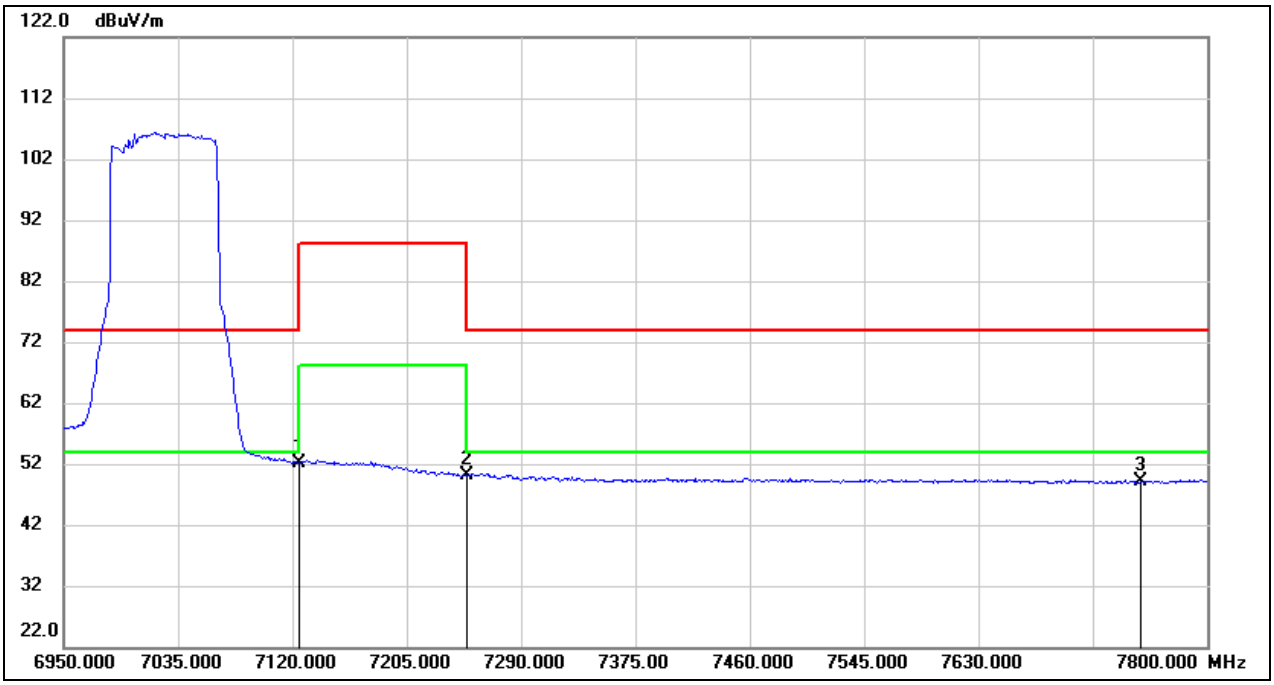
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.33	40.49	42.82	54.00	-11.18	AVG
2	5460.000	2.69	40.62	43.31	54.00	-10.69	AVG
3	5925.000	4.01	41.80	45.81	54.00	-8.19	AVG

Test Mode:	802.11ax HE80 PK	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



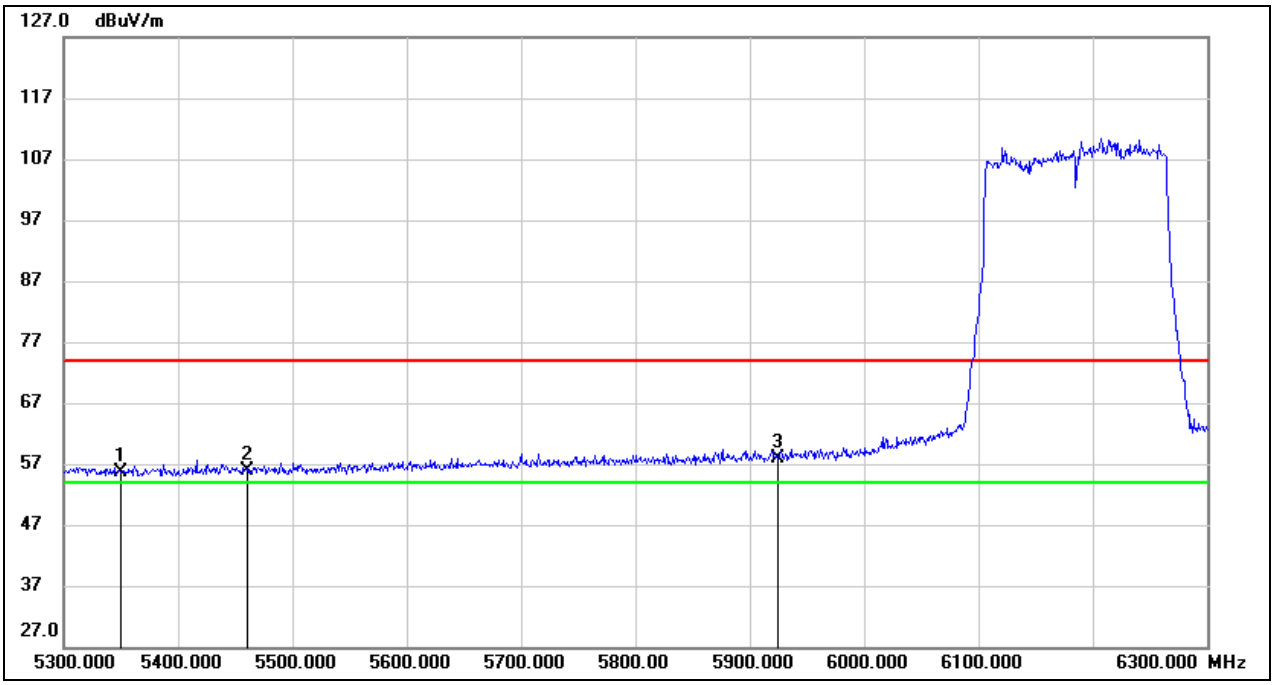
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	18.64	45.36	64.00	74.00	-10.00	peak
2	7250.000	16.84	45.27	62.11	74.00	-11.89	peak
3	7750.000	16.28	45.08	61.36	74.00	-12.64	peak

Test Mode:	802.11ax HE80 AV	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



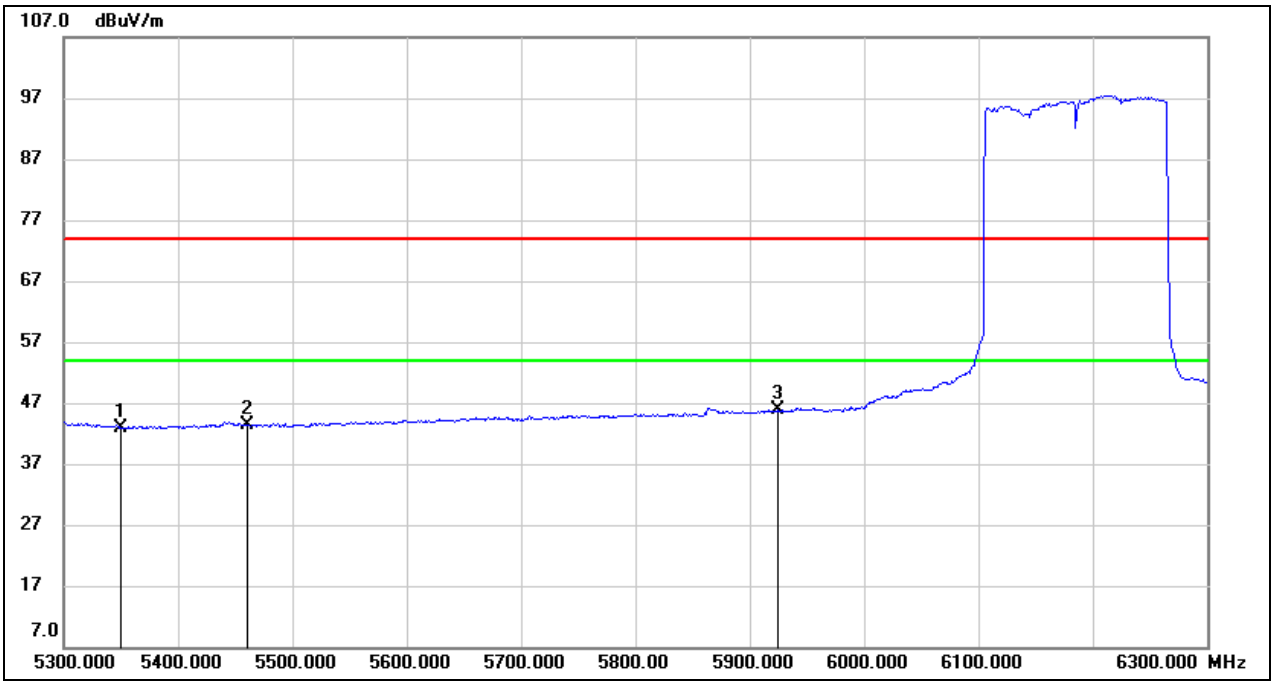
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	6.89	45.36	52.25	54.00	-1.75	AVG
2	7250.000	4.81	45.27	50.08	54.00	-3.92	AVG
3	7750.000	3.93	45.08	49.01	54.00	-4.99	AVG

Test Mode:	802.11ax HE160 PK	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



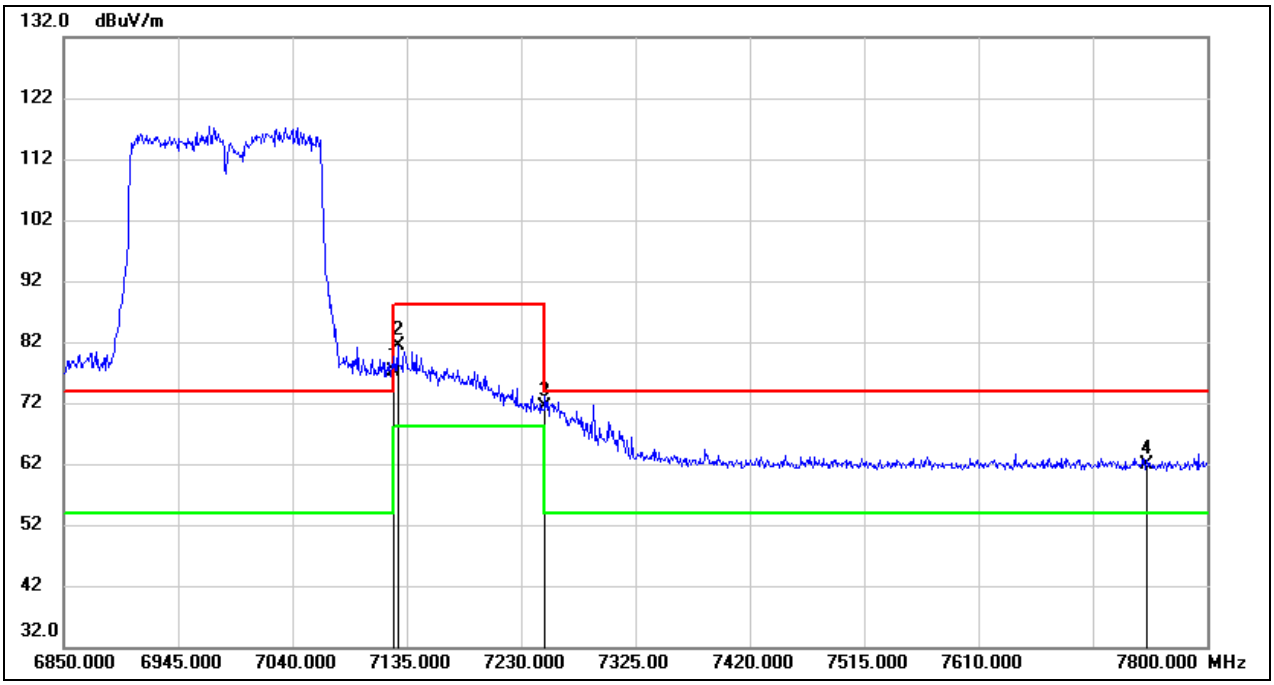
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.09	40.49	55.58	74.00	-18.42	peak
2	5460.000	15.27	40.62	55.89	74.00	-18.11	peak
3	5925.000	16.12	41.80	57.92	74.00	-16.08	peak

Test Mode:	802.11ax HE160 AV	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



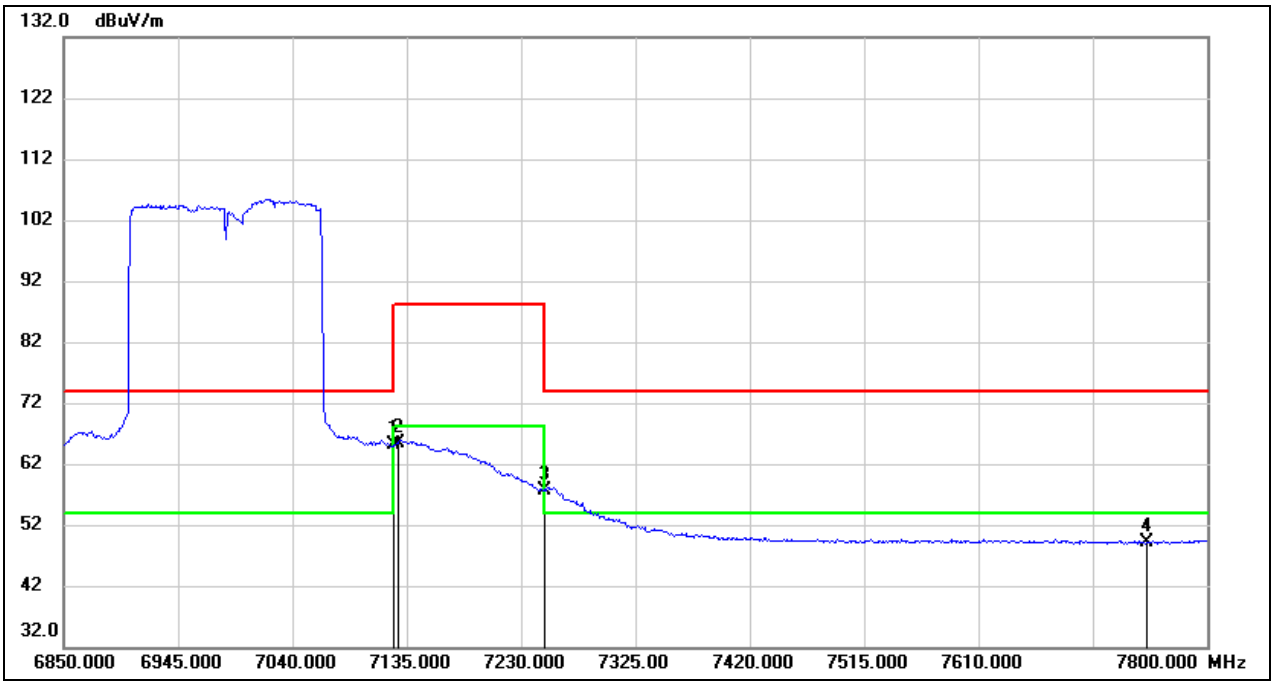
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.33	40.49	42.82	54.00	-11.18	AVG
2	5460.000	2.68	40.62	43.30	54.00	-10.70	AVG
3	5925.000	4.16	41.80	45.96	54.00	-8.04	AVG

Test Mode:	802.11ax HE160 PK	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



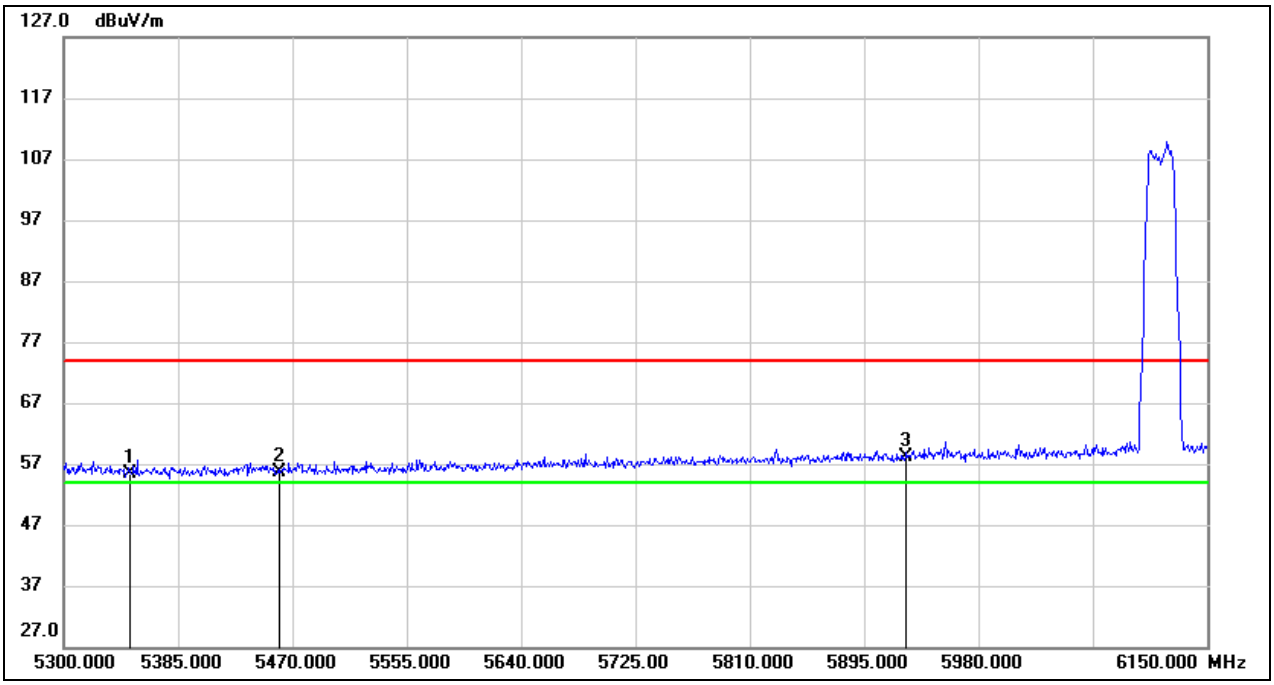
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	31.89	45.36	77.25	74.00	3.25	peak
2	7127.400	36.05	45.36	81.41	88.20	-6.79	peak
3	7250.000	25.99	45.27	71.26	74.00	-2.74	peak
4	7750.000	16.89	45.08	61.97	74.00	-12.03	peak

Test Mode:	802.11ax HE160 AV	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



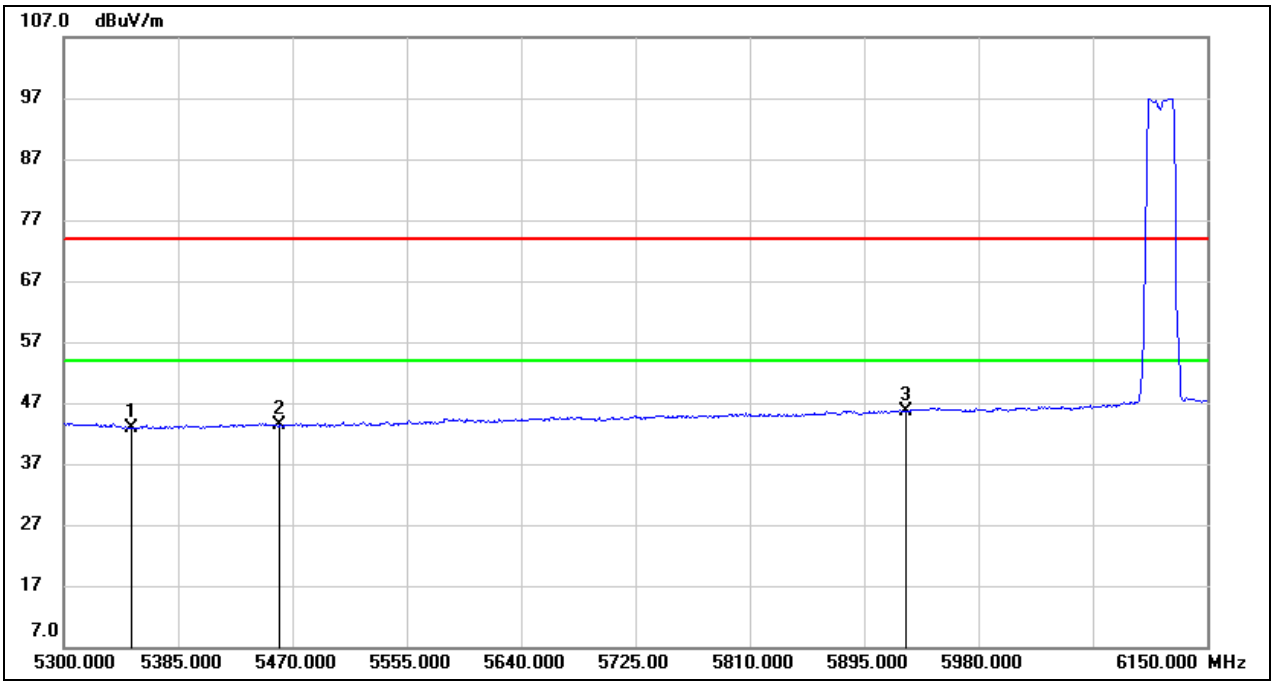
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	19.71	45.36	65.07	54.00	11.07	AVG
2	7127.400	20.09	45.36	65.45	68.20	-2.75	AVG
3	7250.000	12.42	45.27	57.69	54.00	3.69	AVG
4	7750.000	4.00	45.08	49.08	54.00	-4.92	AVG

Test Mode:	802.11be EHT20 PK	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



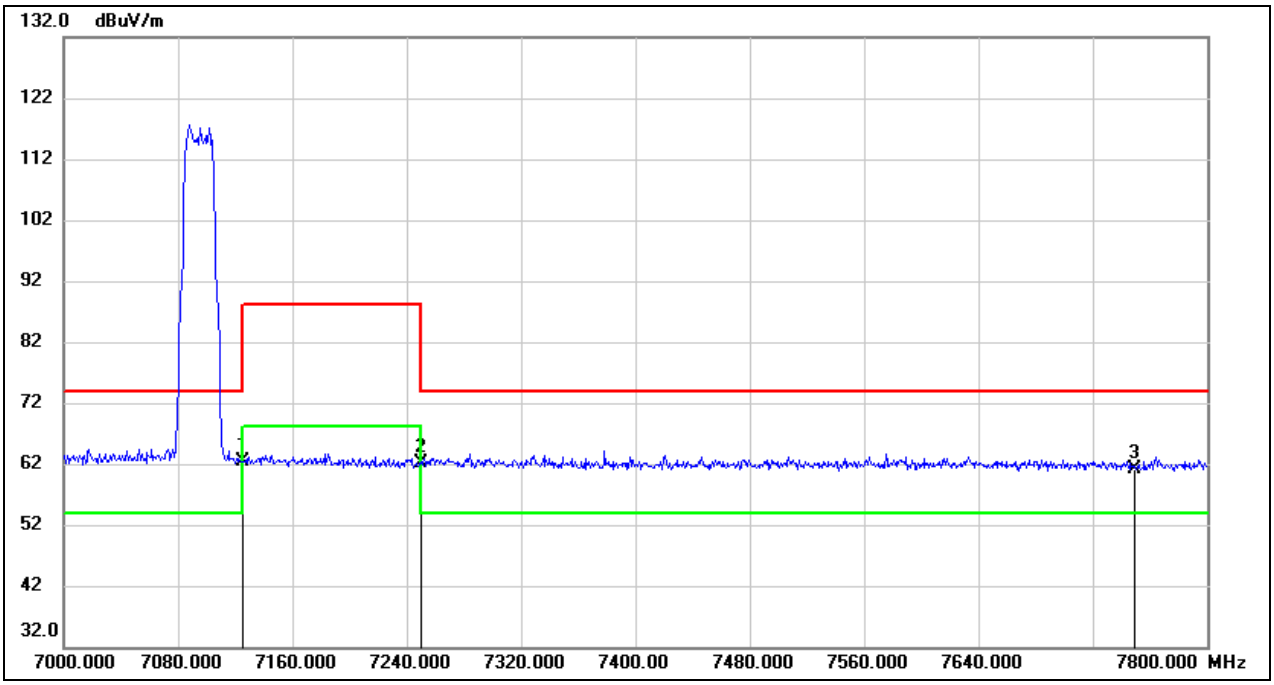
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.81	40.49	55.30	74.00	-18.70	peak
2	5460.000	15.12	40.62	55.74	74.00	-18.26	peak
3	5925.000	16.32	41.80	58.12	74.00	-15.88	peak

Test Mode:	802.11be EHT20 AV	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



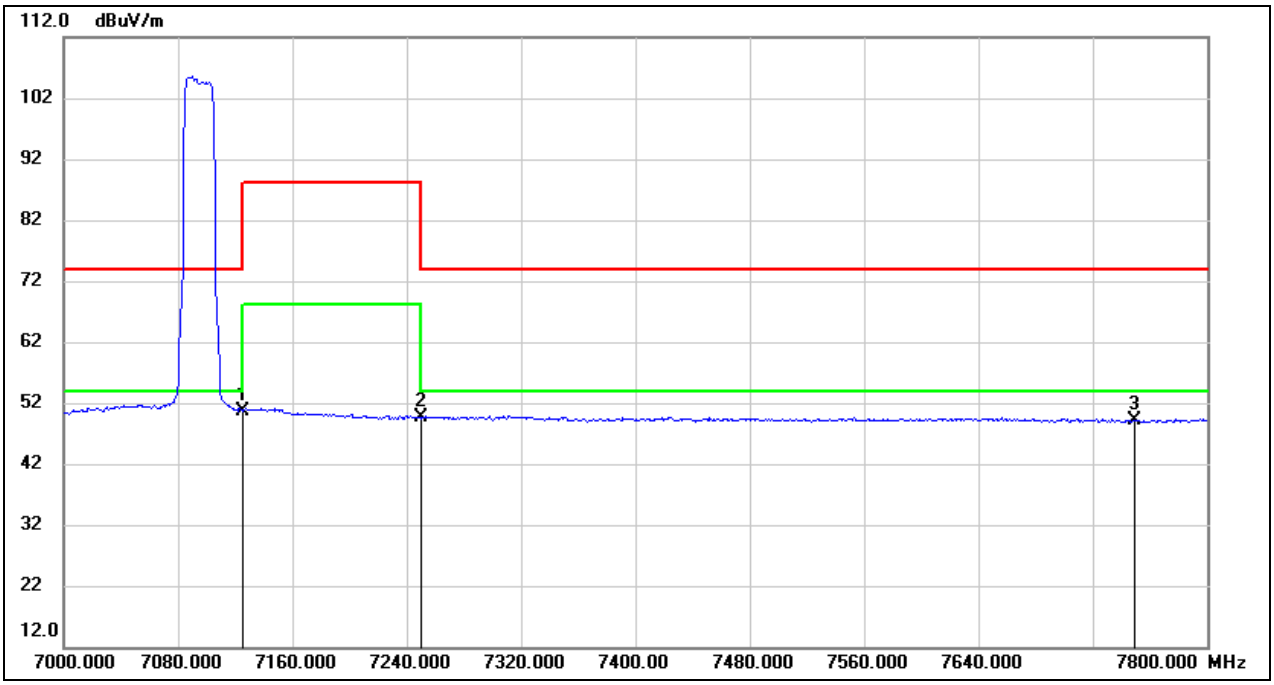
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.39	40.49	42.88	54.00	-11.12	AVG
2	5460.000	2.64	40.62	43.26	54.00	-10.74	AVG
3	5925.000	3.85	41.80	45.65	54.00	-8.35	AVG

Test Mode:	802.11be EHT20 PK	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



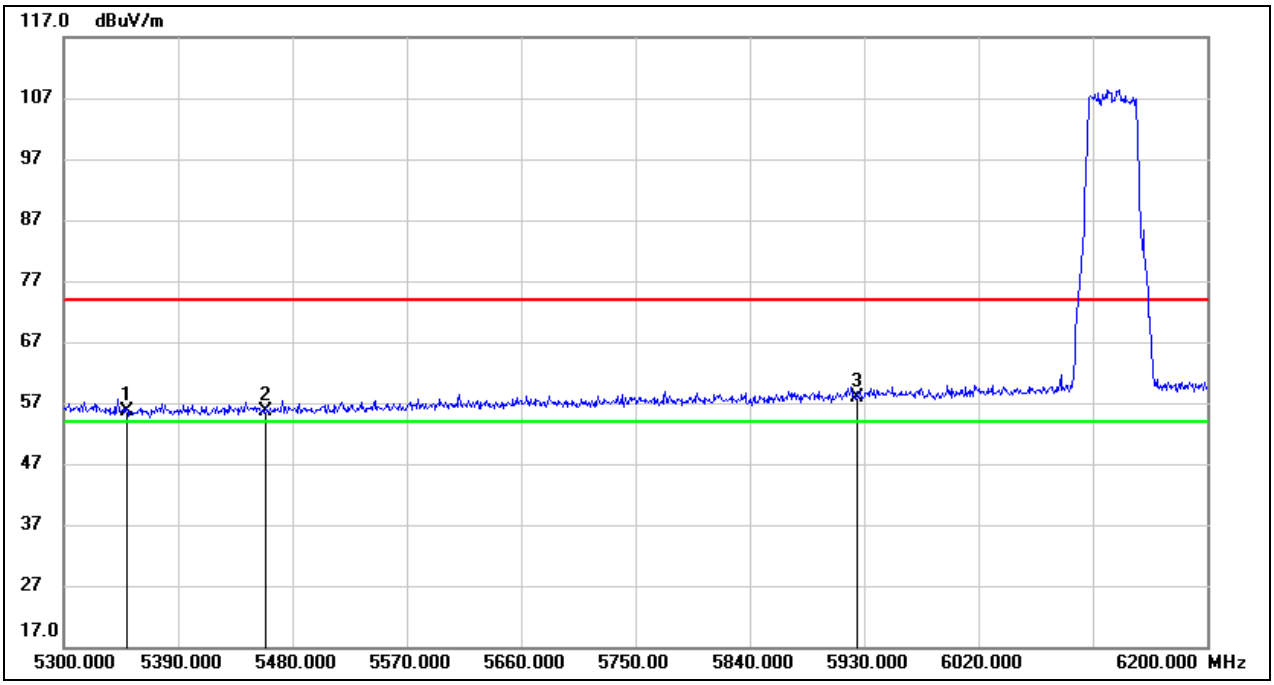
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	17.00	45.36	62.36	74.00	-11.64	peak
2	7250.000	16.86	45.27	62.13	74.00	-11.87	peak
3	7750.000	16.04	45.08	61.12	74.00	-12.88	peak

Test Mode:	802.11be EHT20 AV	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



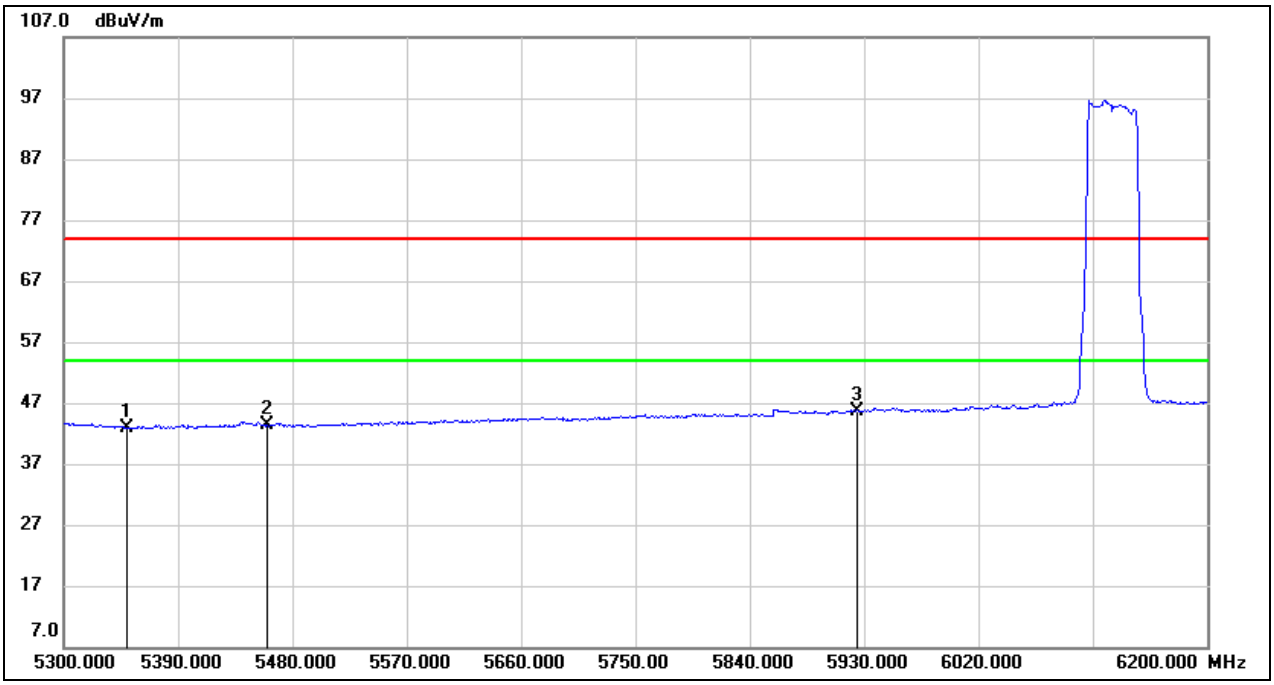
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	5.35	45.36	50.71	54.00	-3.29	AVG
2	7250.000	4.28	45.27	49.55	54.00	-4.45	AVG
3	7750.000	4.05	45.08	49.13	54.00	-4.87	AVG

Test Mode:	802.11be EHT40 PK	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



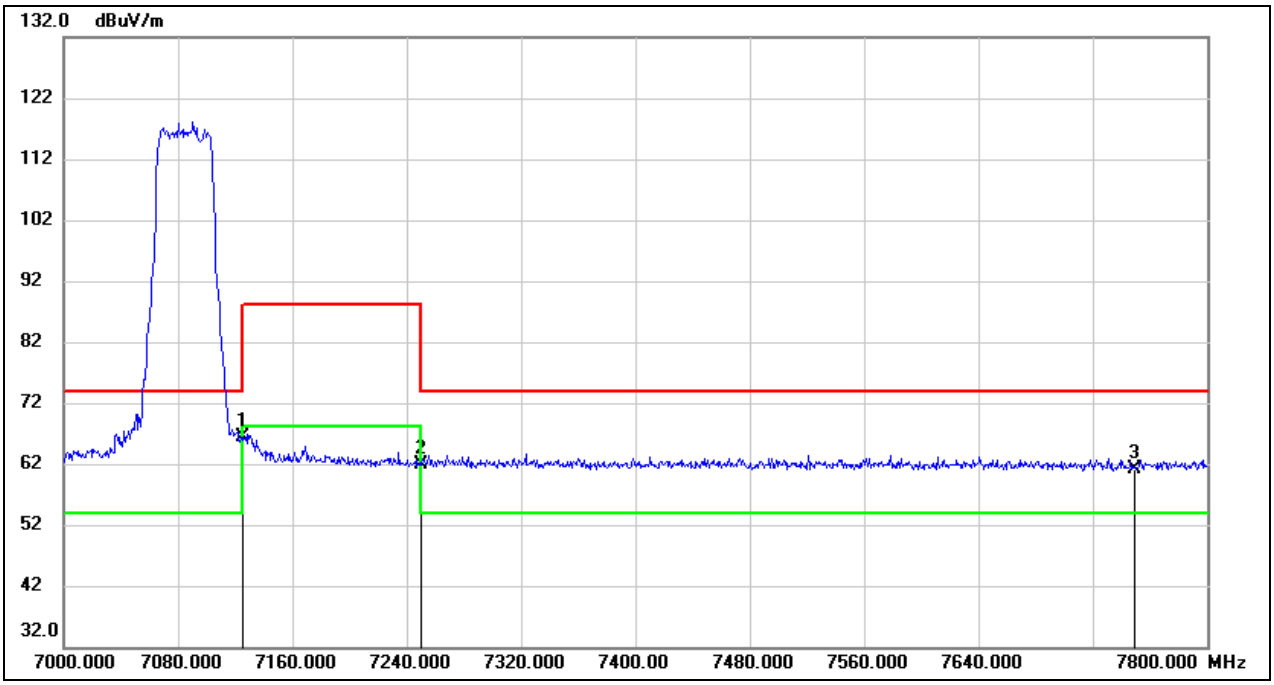
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.05	40.49	55.54	74.00	-18.46	peak
2	5460.000	15.04	40.62	55.66	74.00	-18.34	peak
3	5925.000	16.13	41.80	57.93	74.00	-16.07	peak

Test Mode:	802.11be EHT40 AV	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



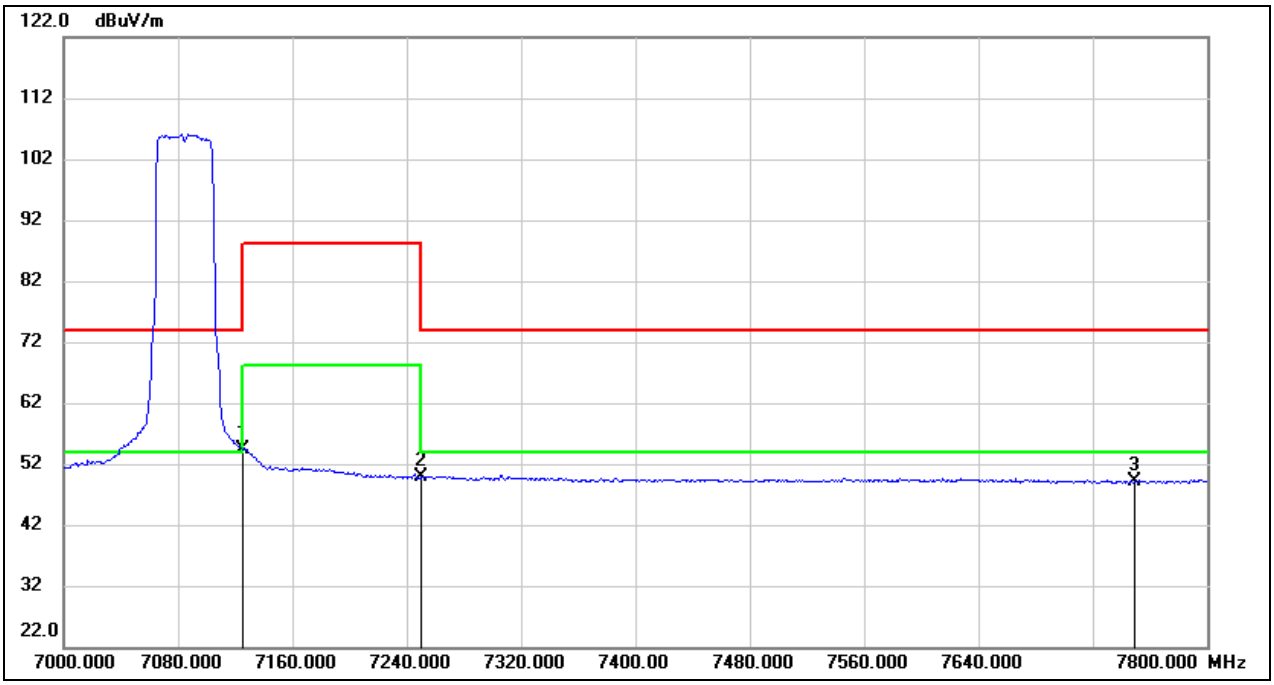
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.37	40.49	42.86	54.00	-11.14	AVG
2	5460.000	2.76	40.62	43.38	54.00	-10.62	AVG
3	5925.000	3.89	41.80	45.69	54.00	-8.31	AVG

Test Mode:	802.11be EHT40 PK	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



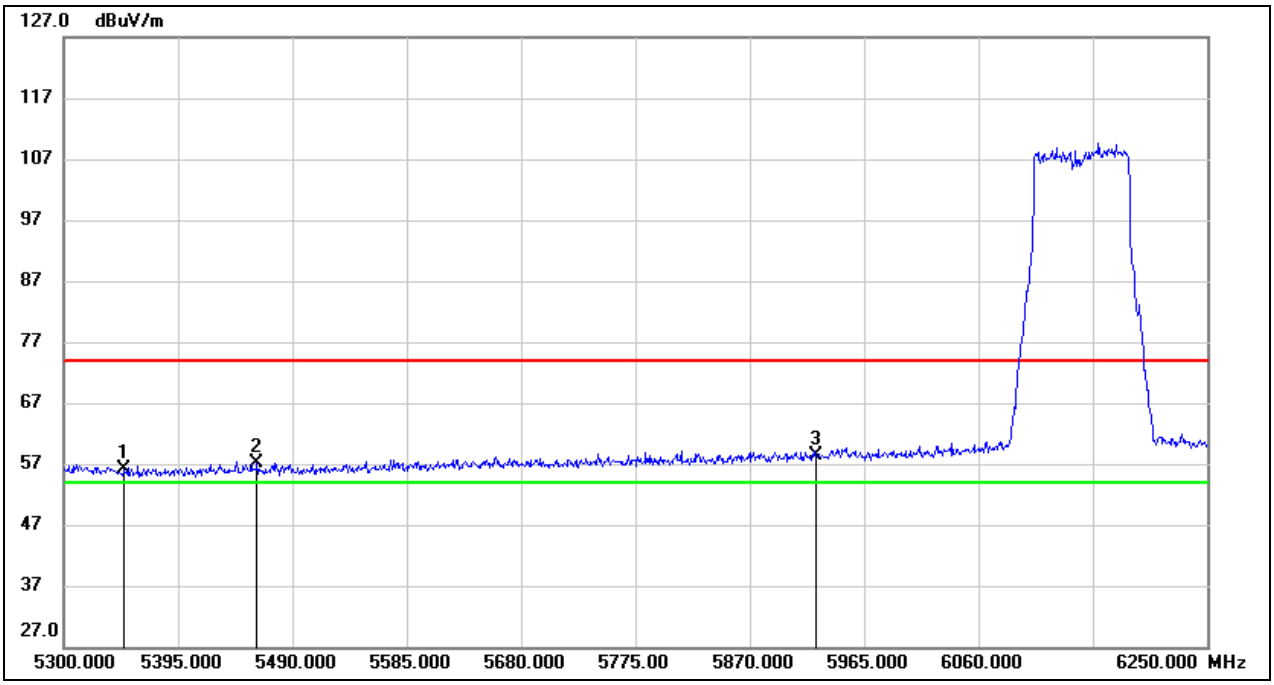
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	20.95	45.36	66.31	74.00	-7.69	peak
2	7250.000	16.51	45.27	61.78	74.00	-12.22	peak
3	7750.000	16.02	45.08	61.10	74.00	-12.90	peak

Test Mode:	802.11be EHT40 AV	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



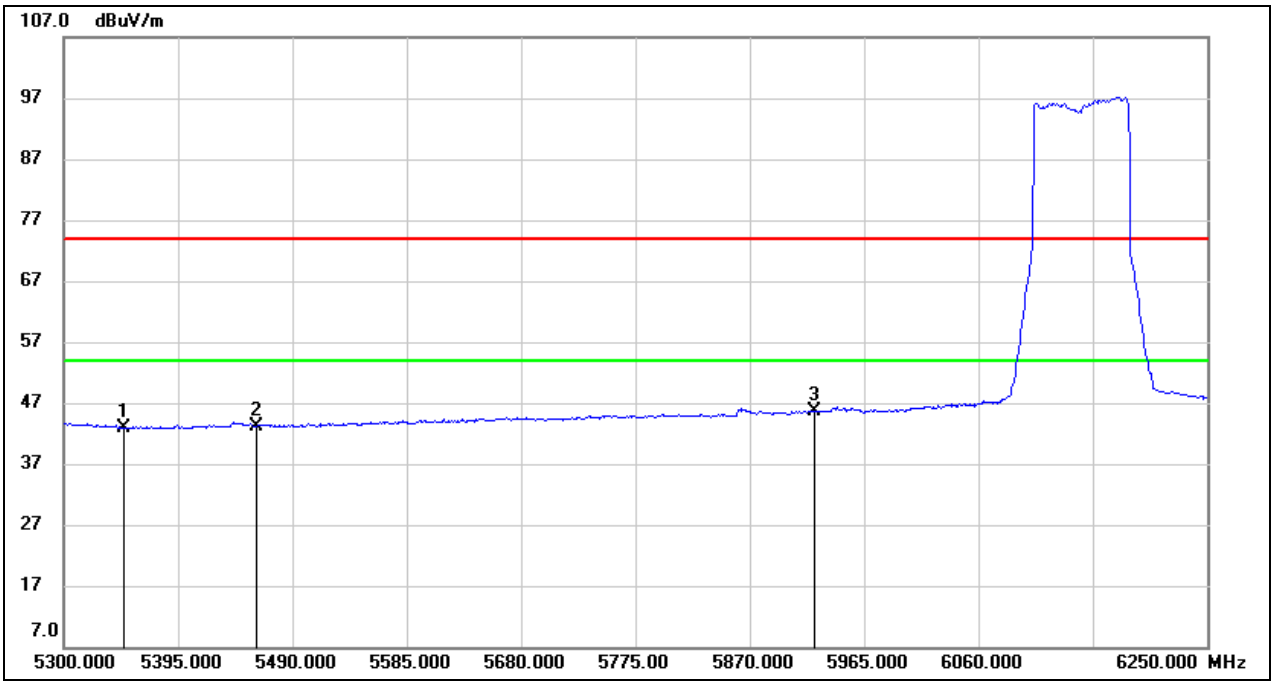
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	9.11	45.36	54.47	54.00	0.47	AVG
2	7250.000	4.71	45.27	49.98	54.00	-4.02	AVG
3	7750.000	3.93	45.08	49.01	54.00	-4.99	AVG

Test Mode:	802.11be EHT80 PK	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



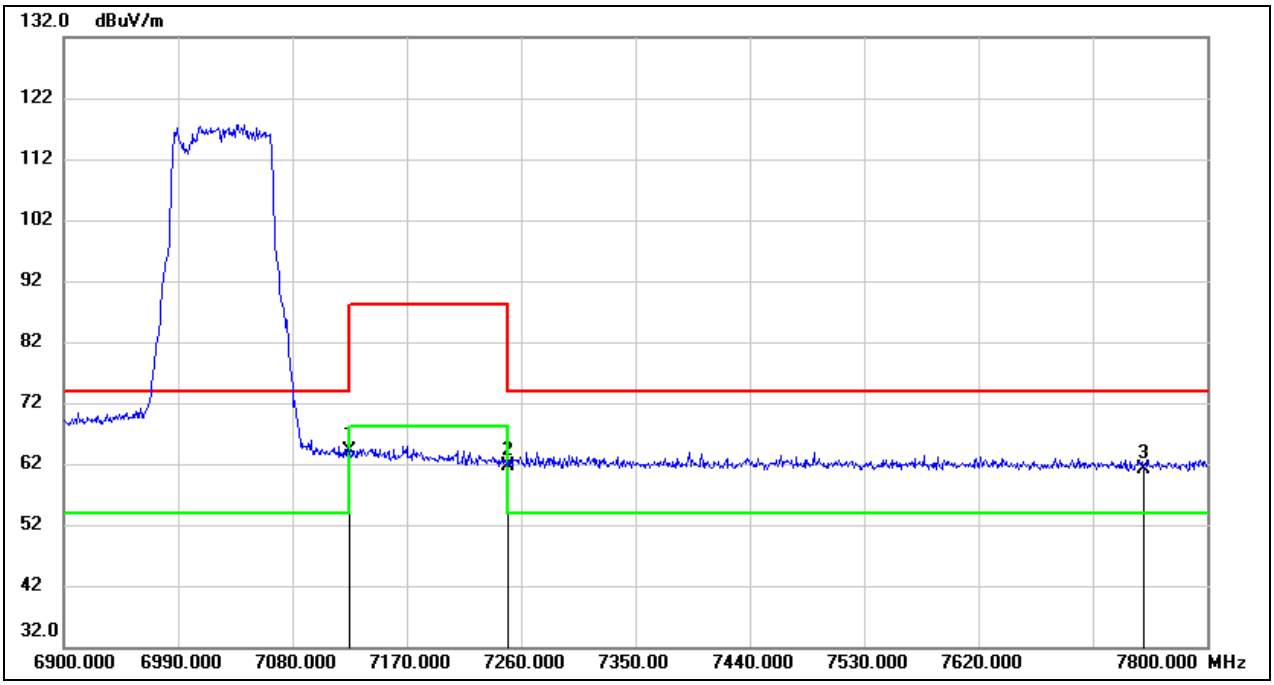
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.58	40.49	56.07	74.00	-17.93	peak
2	5460.000	16.45	40.62	57.07	74.00	-16.93	peak
3	5925.000	16.56	41.80	58.36	74.00	-15.64	peak

Test Mode:	802.11be EHT80 AV	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



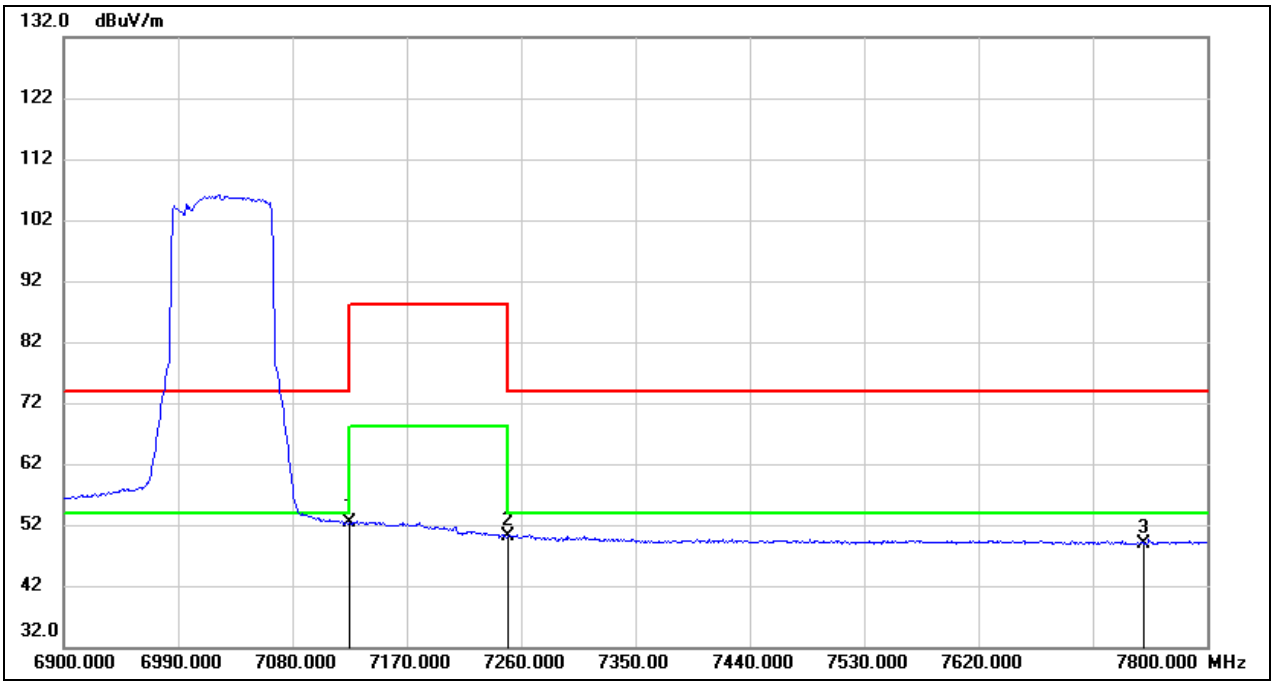
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.34	40.49	42.83	54.00	-11.17	AVG
2	5460.000	2.60	40.62	43.22	54.00	-10.78	AVG
3	5925.000	3.73	41.80	45.53	54.00	-8.47	AVG

Test Mode:	802.11be EHT80 PK	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



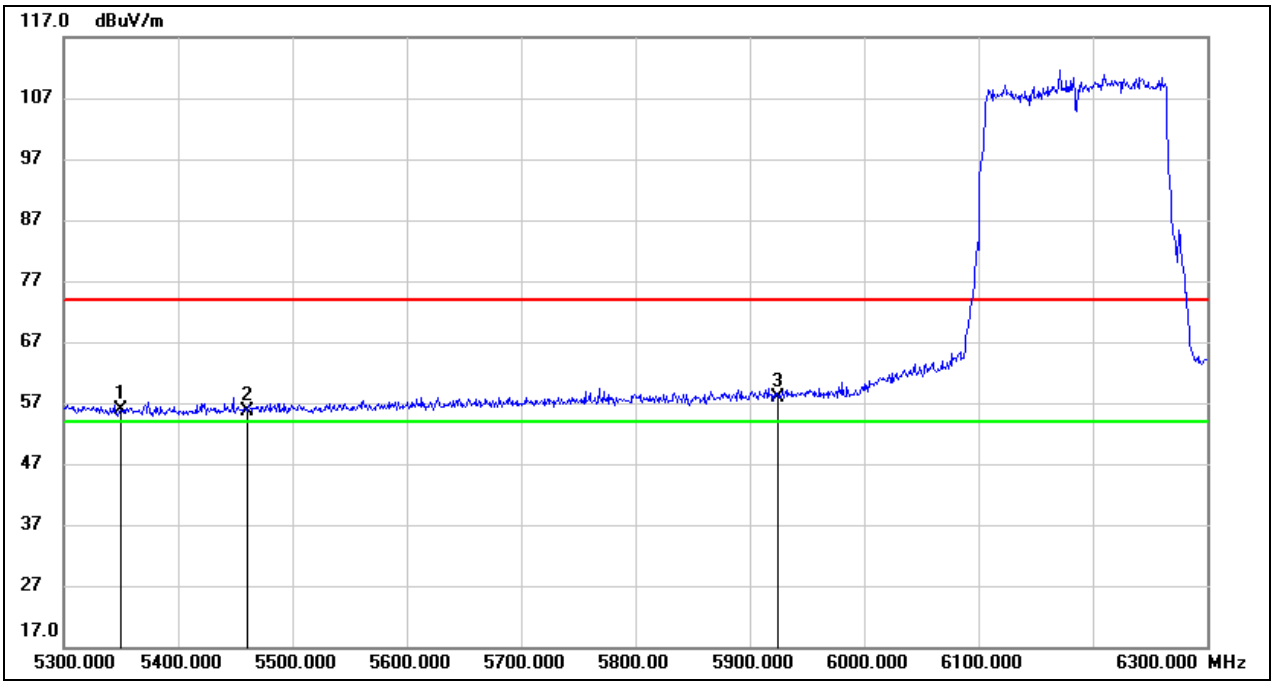
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	18.86	45.36	64.22	74.00	-9.78	peak
2	7250.000	16.28	45.27	61.55	74.00	-12.45	peak
3	7750.000	16.08	45.08	61.16	74.00	-12.84	peak

Test Mode:	802.11be EHT80 AV	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



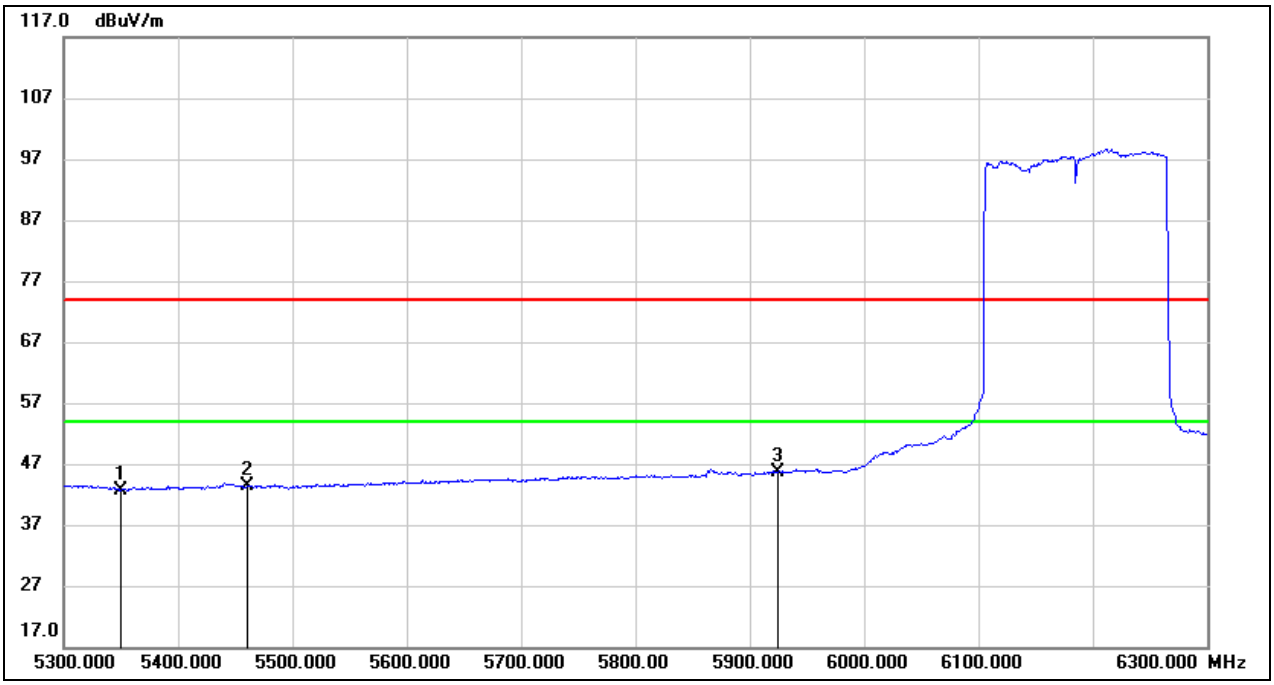
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	7.01	45.36	52.37	54.00	-1.63	AVG
2	7250.000	4.95	45.27	50.22	54.00	-3.78	AVG
3	7750.000	3.77	45.08	48.85	54.00	-5.15	AVG

Test Mode:	802.11be EHT160 PK	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



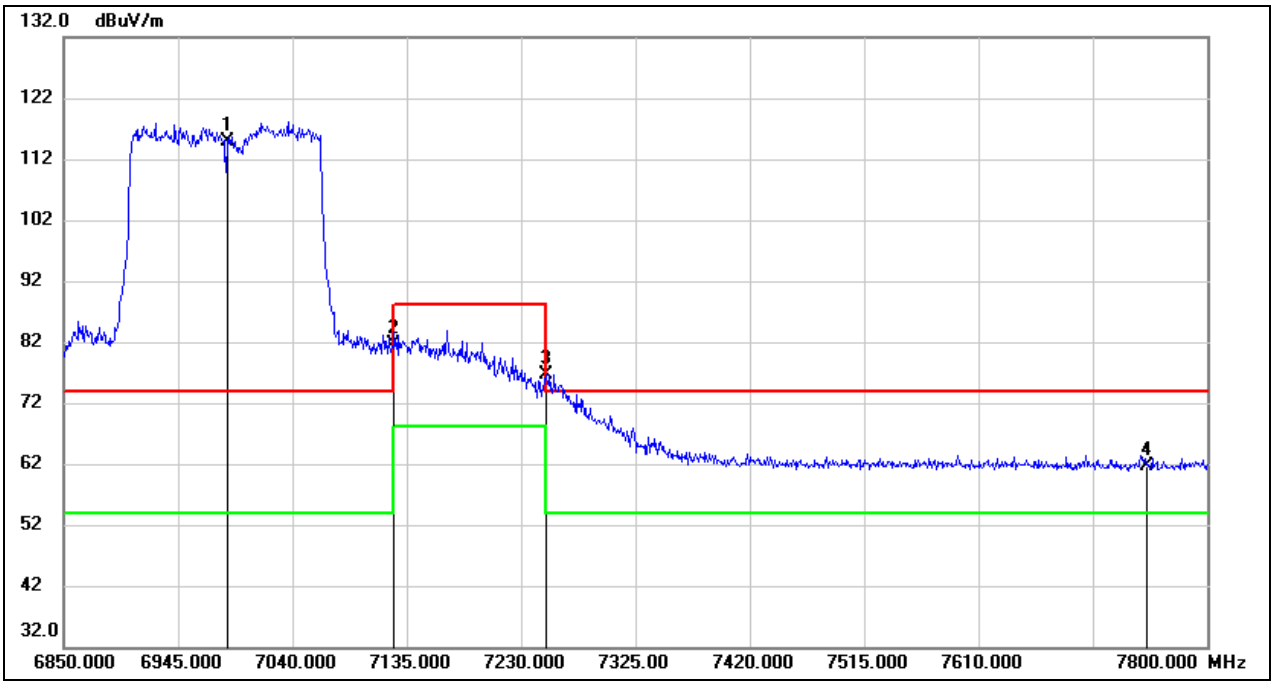
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	15.35	40.49	55.84	74.00	-18.16	peak
2	5460.000	14.89	40.62	55.51	74.00	-18.49	peak
3	5925.000	16.01	41.80	57.81	74.00	-16.19	peak

Test Mode:	802.11be EHT160 AV	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



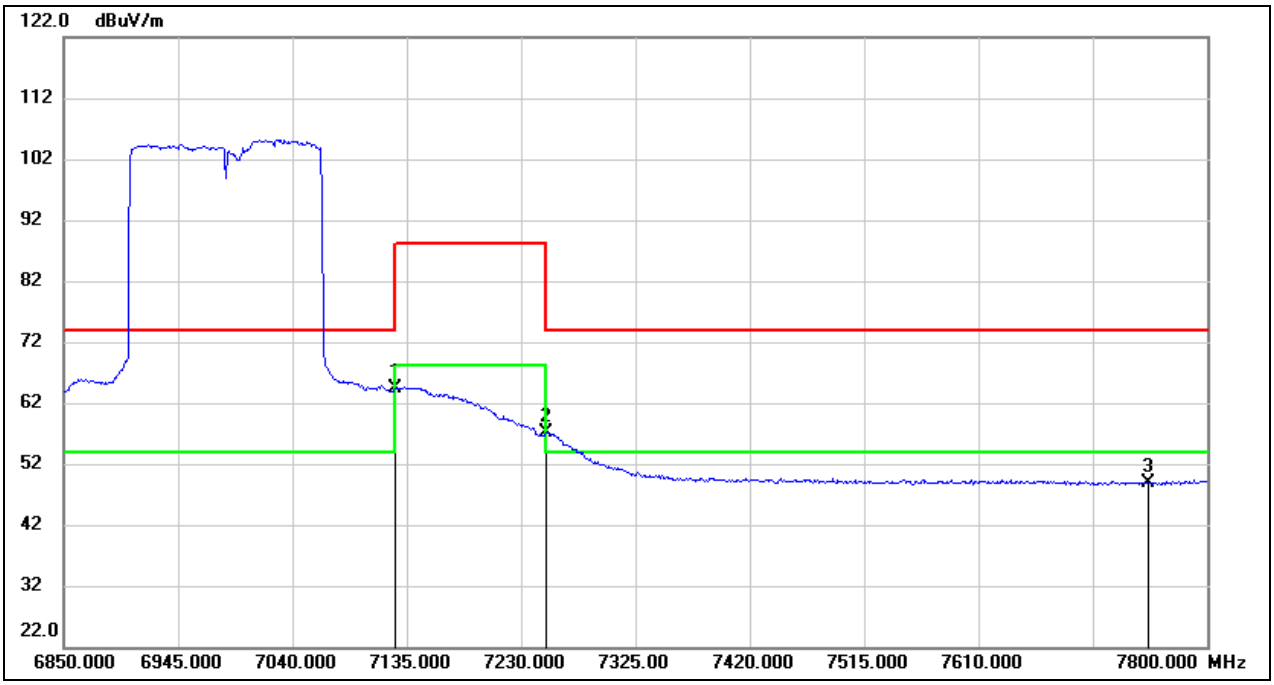
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.22	40.49	42.71	54.00	-11.29	AVG
2	5460.000	2.76	40.62	43.38	54.00	-10.62	AVG
3	5925.000	3.84	41.80	45.64	54.00	-8.36	AVG

Test Mode:	802.11be EHT160 PK	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



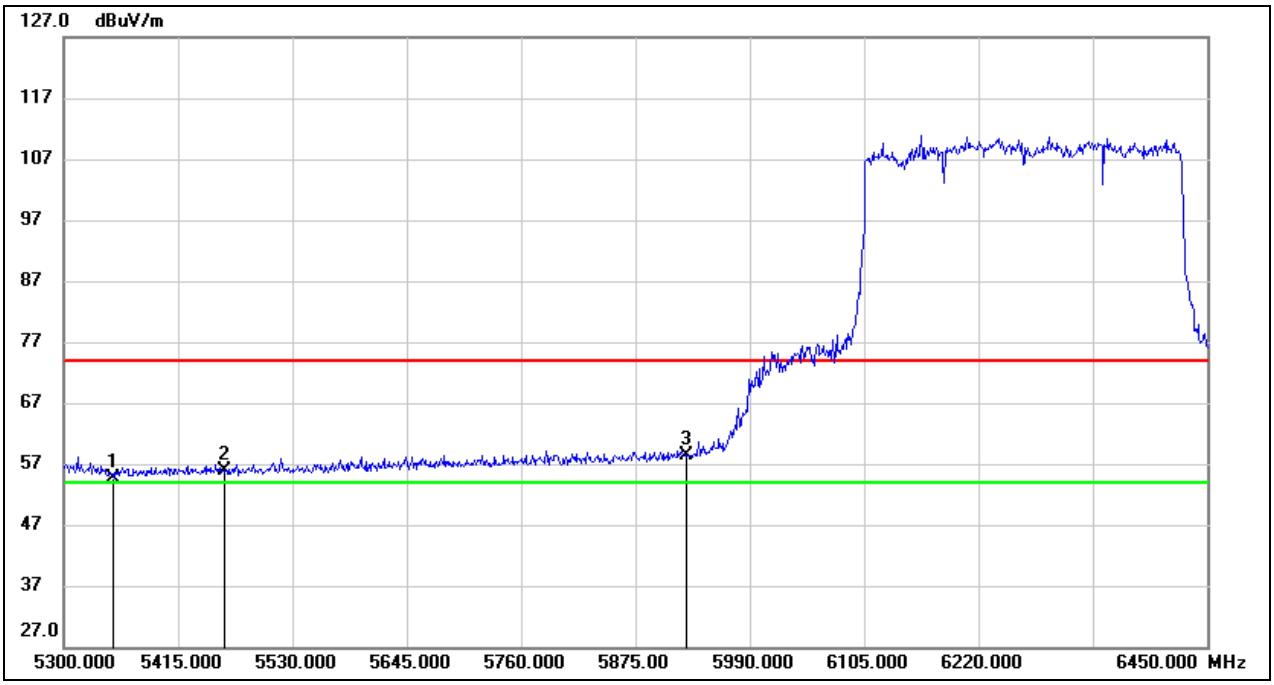
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6985.000	69.59	45.39	114.98	/	/	peak
2	7125.000	36.17	45.36	81.53	/	/	peak
3	7250.000	31.40	45.27	76.67	/	/	peak
4	7750.000	16.44	45.08	61.52	74.00	-12.48	peak

Test Mode:	802.11be EHT160 AV	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



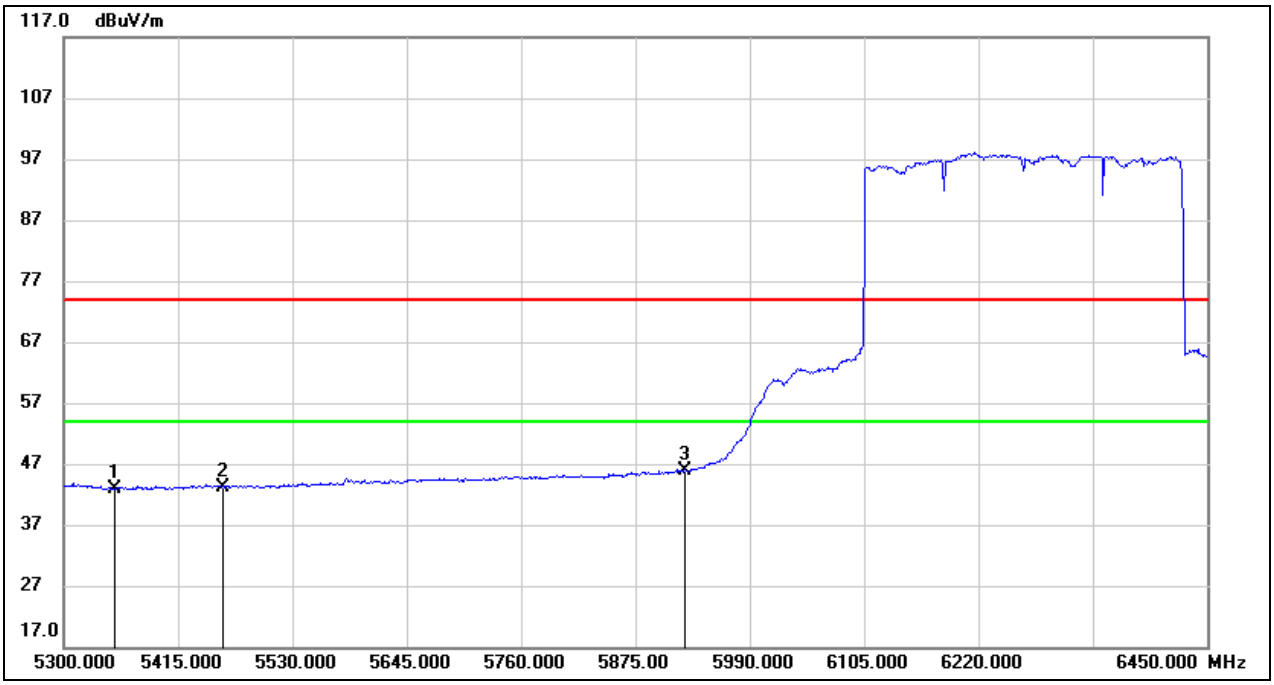
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	18.94	45.36	64.30	54.00	-3.90	AVG
2	7250.000	11.90	45.27	57.17	54.00	-11.03	AVG
3	7750.000	3.77	45.08	48.85	54.00	-19.35	AVG

Test Mode:	802.11be EHT320 PK	Channel:	6265 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



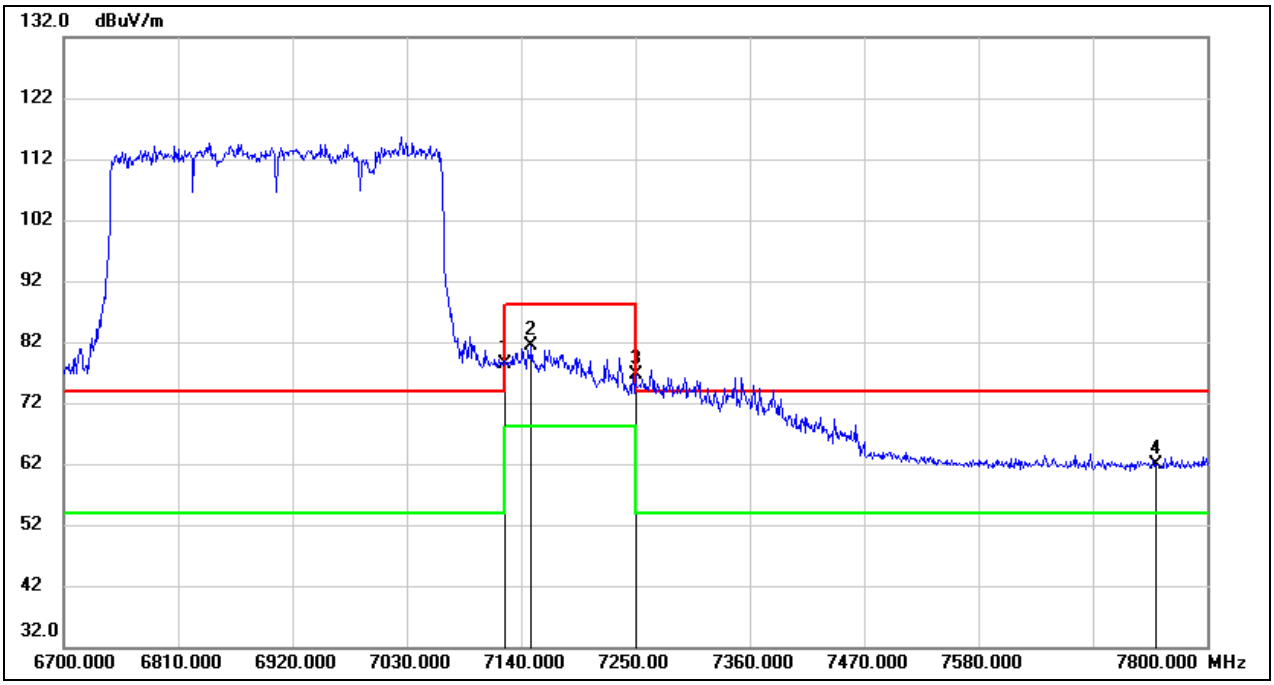
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.20	40.49	54.69	74.00	-19.31	peak
2	5460.000	15.37	40.62	55.99	74.00	-18.01	peak
3	5925.000	16.66	41.80	58.46	74.00	-15.54	peak

Test Mode:	802.11be EHT320 AV	Channel:	6265 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



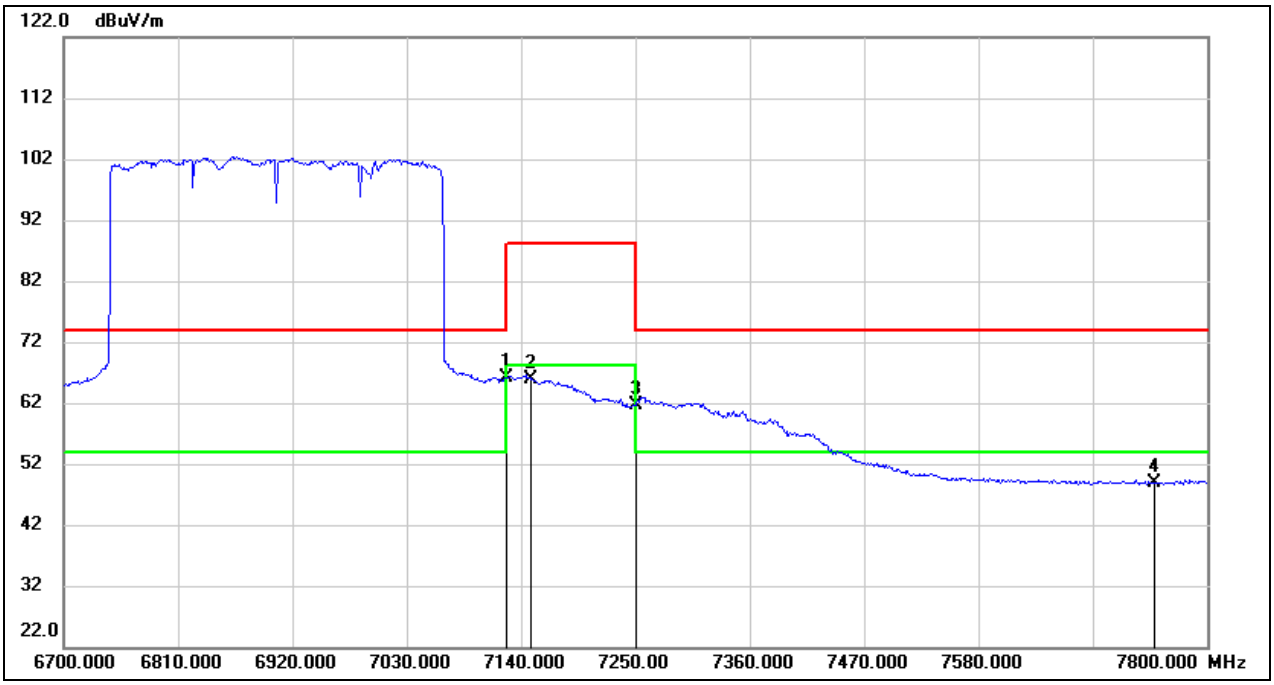
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.46	40.49	42.95	54.00	-11.05	AVG
2	5460.000	2.61	40.62	43.23	54.00	-10.77	AVG
3	5925.000	3.99	41.80	45.79	54.00	-8.21	AVG

Test Mode:	802.11be EHT320 PK	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	33.12	45.36	78.48	/	/	peak
2	7149.900	35.95	45.35	81.30	88.20	-6.90	peak
3	7250.000	31.47	45.27	76.74	/	/	peak
4	7750.000	16.90	45.08	61.98	74.00	-12.02	peak

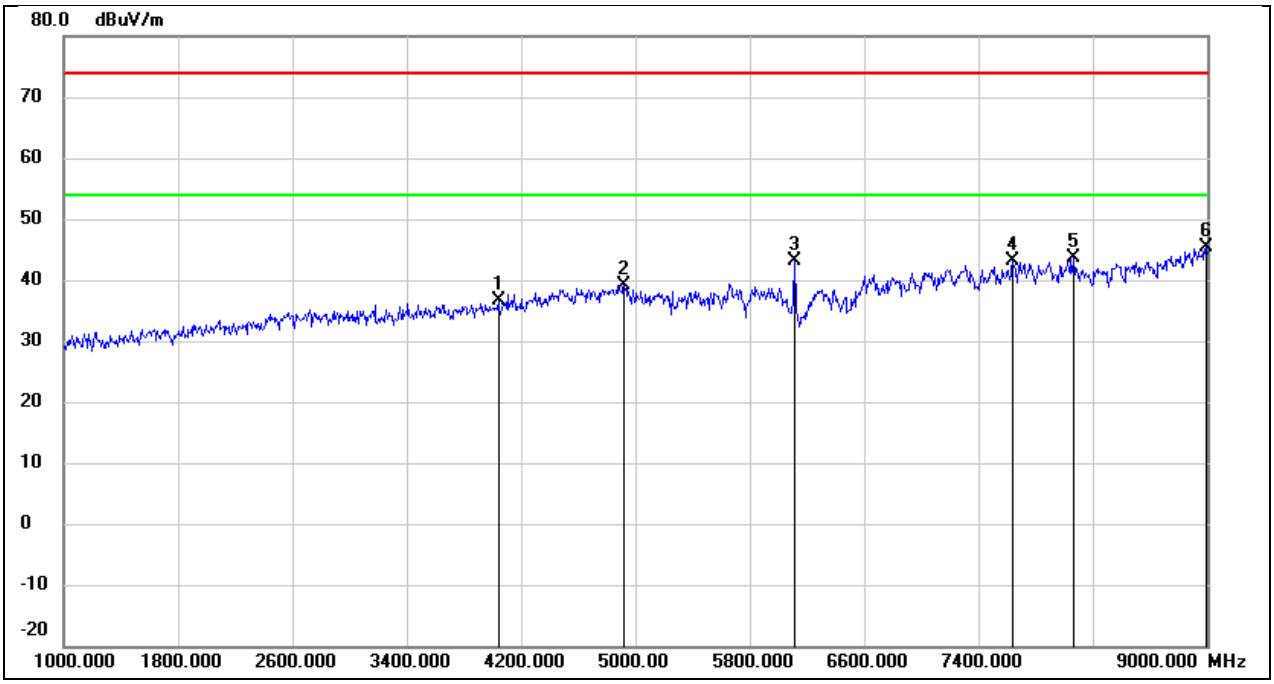
Test Mode:	802.11be EHT320 AV	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	20.76	45.36	66.12	68.20	-2.08	AVG
2	7149.900	20.53	45.35	65.88	68.20	-2.32	AVG
3	7250.000	16.46	45.27	61.73	68.20	-6.47	AVG
4	7750.000	3.80	45.08	48.88	68.20	-19.32	AVG

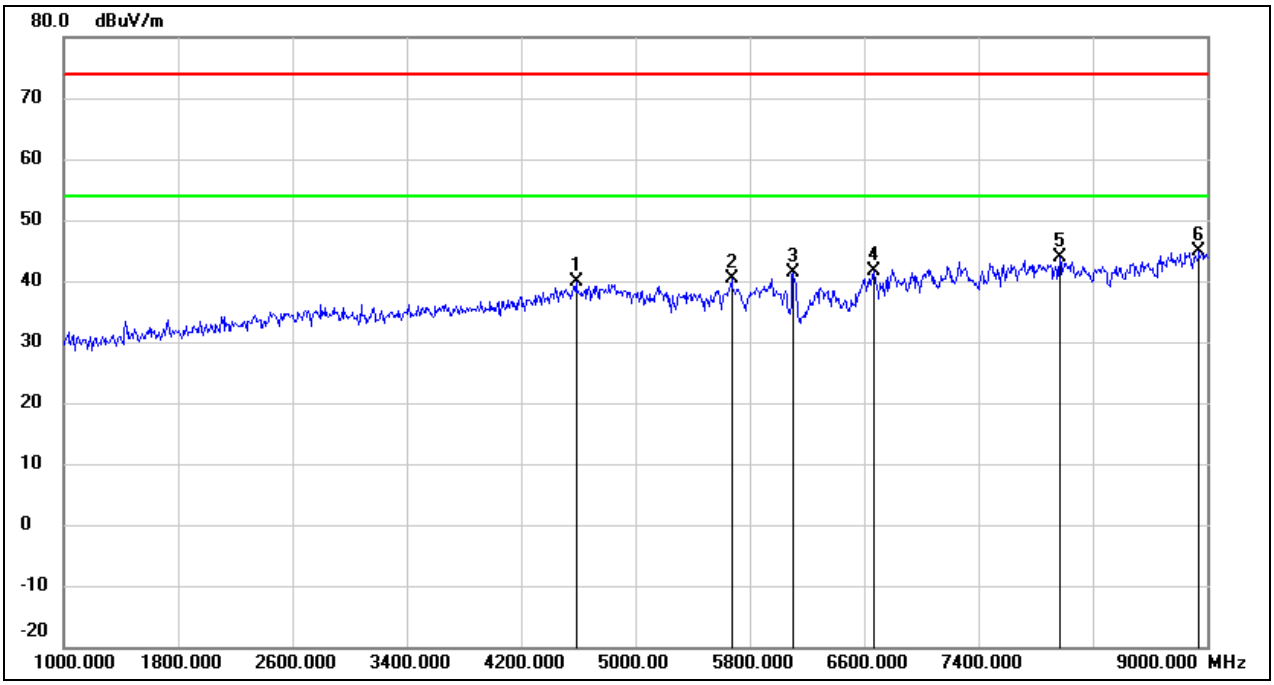
8.2. SPURIOUS EMISSIONS (1 GHZ ~ 9 GHZ)

Test Mode:	802.11be EHT20	Channel:	6115 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



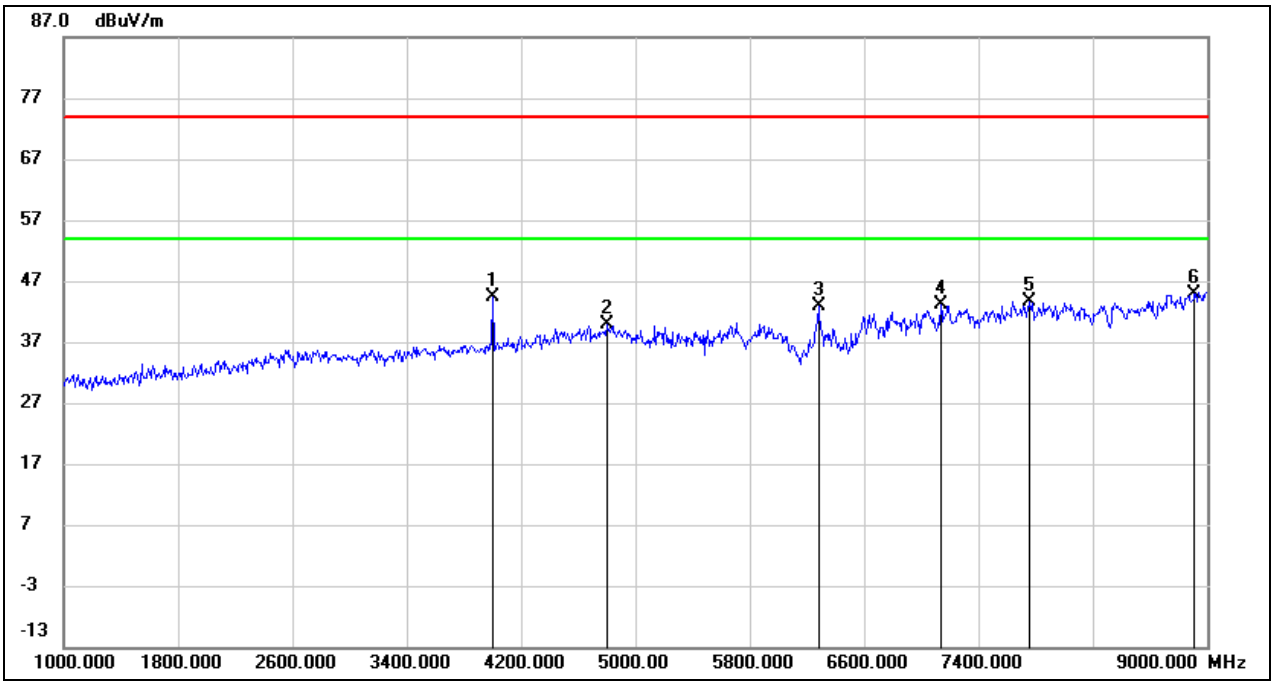
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4040.000	40.84	-4.29	36.55	74.00	-37.45	peak
2	4920.000	39.63	-0.47	39.16	74.00	-34.84	peak
3	6112.000	40.88	2.27	43.15	74.00	-30.85	peak
4	7640.000	37.33	5.68	43.01	74.00	-30.99	peak
5	8064.000	37.86	5.72	43.58	74.00	-30.42	peak
6	8992.000	35.69	9.68	45.37	74.00	-28.63	peak

Test Mode:	802.11be EHT20	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



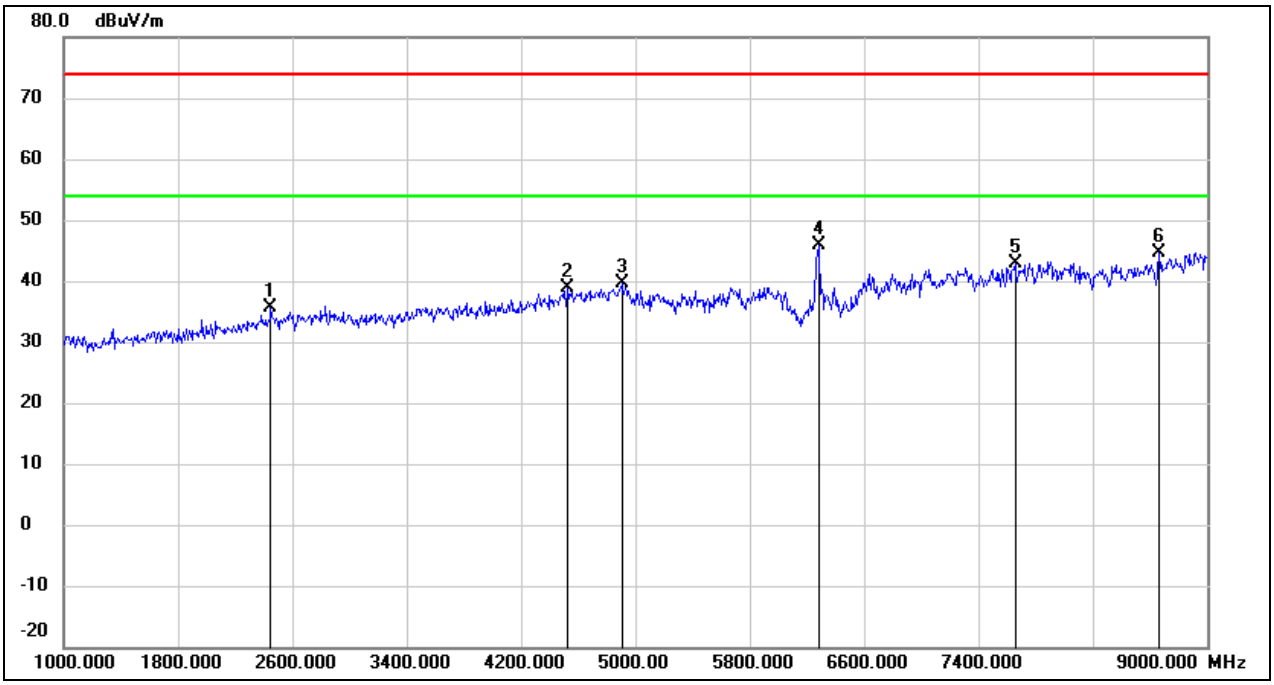
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4584.000	41.78	-1.80	39.98	74.00	-34.02	peak
2	5672.000	39.39	0.91	40.30	74.00	-33.70	peak
3	6104.000	39.09	2.24	41.33	74.00	-32.67	peak
4	6672.000	37.09	4.57	41.66	74.00	-32.34	peak
5	7968.000	38.23	5.65	43.88	74.00	-30.12	peak
6	8944.000	35.44	9.35	44.79	74.00	-29.21	peak

Test Mode:	802.11be EHT20	Channel:	6275 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



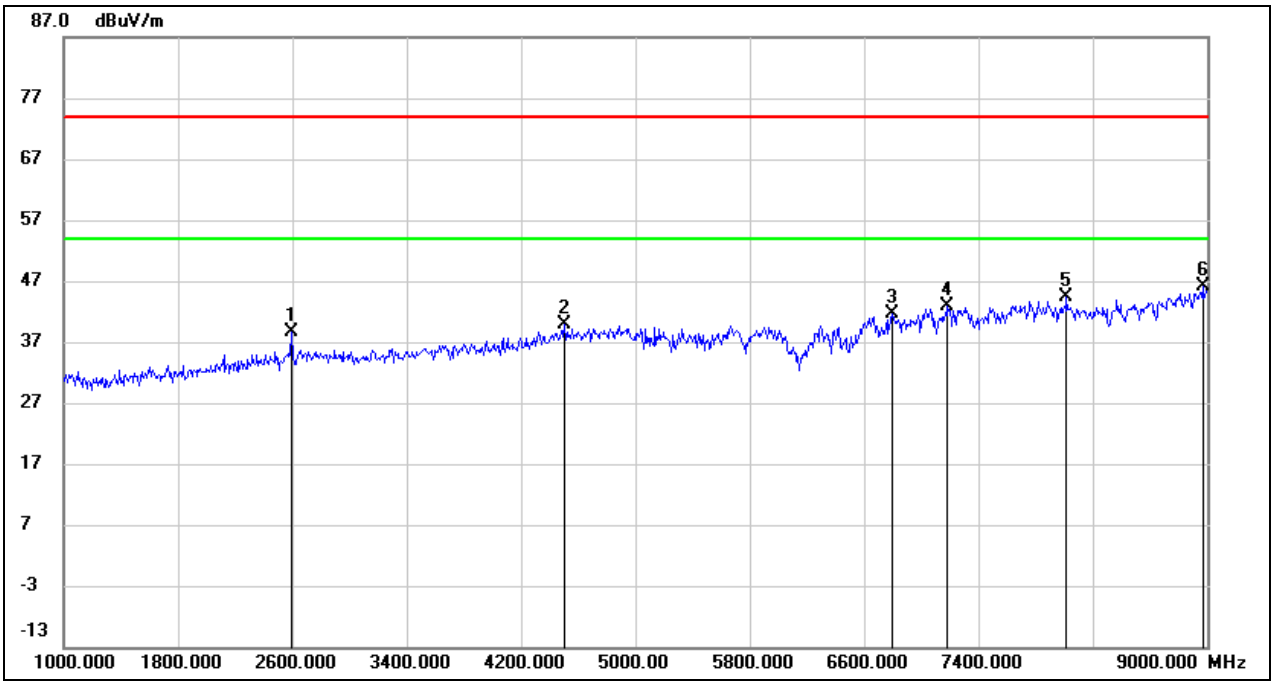
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4000.000	48.90	-4.48	44.42	74.00	-29.58	peak
2	4800.000	40.81	-0.95	39.86	74.00	-34.14	peak
3	6280.000	40.00	2.90	42.90	74.00	-31.10	peak
4	7136.000	37.00	6.06	43.06	74.00	-30.94	peak
5	7760.000	38.03	5.67	43.70	74.00	-30.30	peak
6	8912.000	35.84	9.11	44.95	74.00	-29.05	peak

Test Mode:	802.11be EHT20	Channel:	6275 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



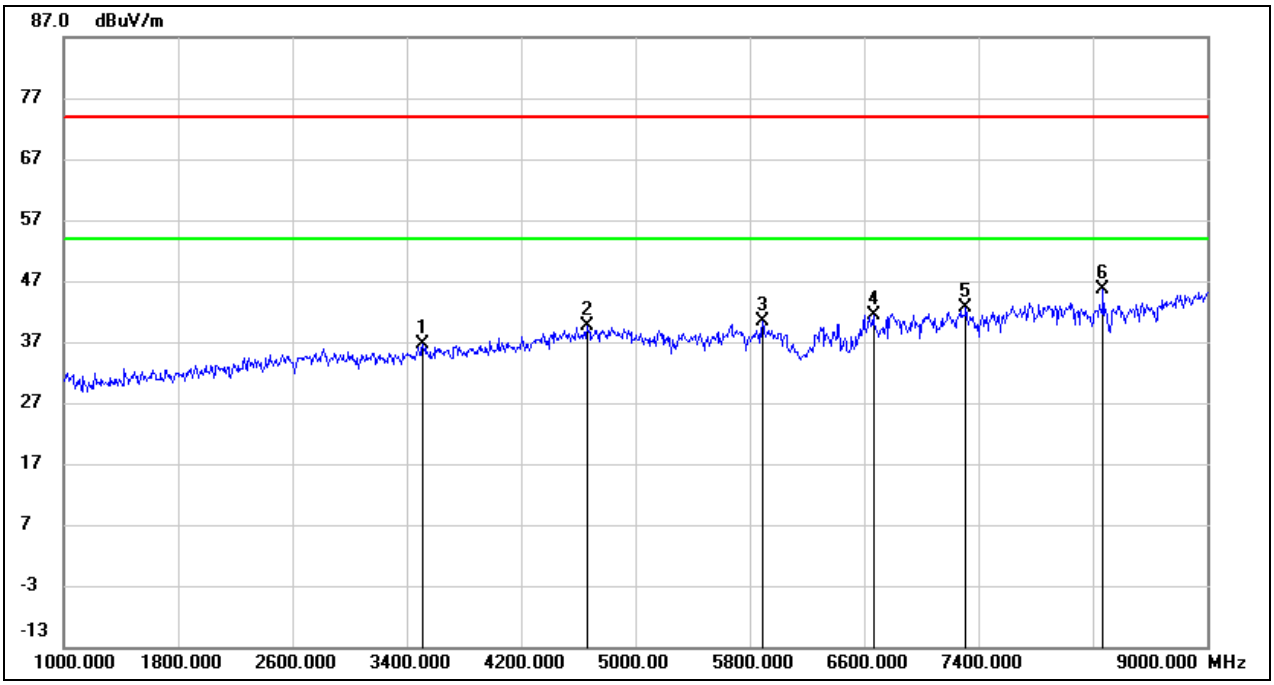
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2448.000	44.41	-8.77	35.64	74.00	-38.36	peak
2	4528.000	40.86	-2.03	38.83	74.00	-35.17	peak
3	4904.000	40.28	-0.53	39.75	74.00	-34.25	peak
4	6280.000	42.98	2.90	45.88	74.00	-28.12	peak
5	7656.000	37.28	5.67	42.95	74.00	-31.05	peak
6	8664.000	37.23	7.38	44.61	74.00	-29.39	peak

Test Mode:	802.11be EHT20	Channel:	6415 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



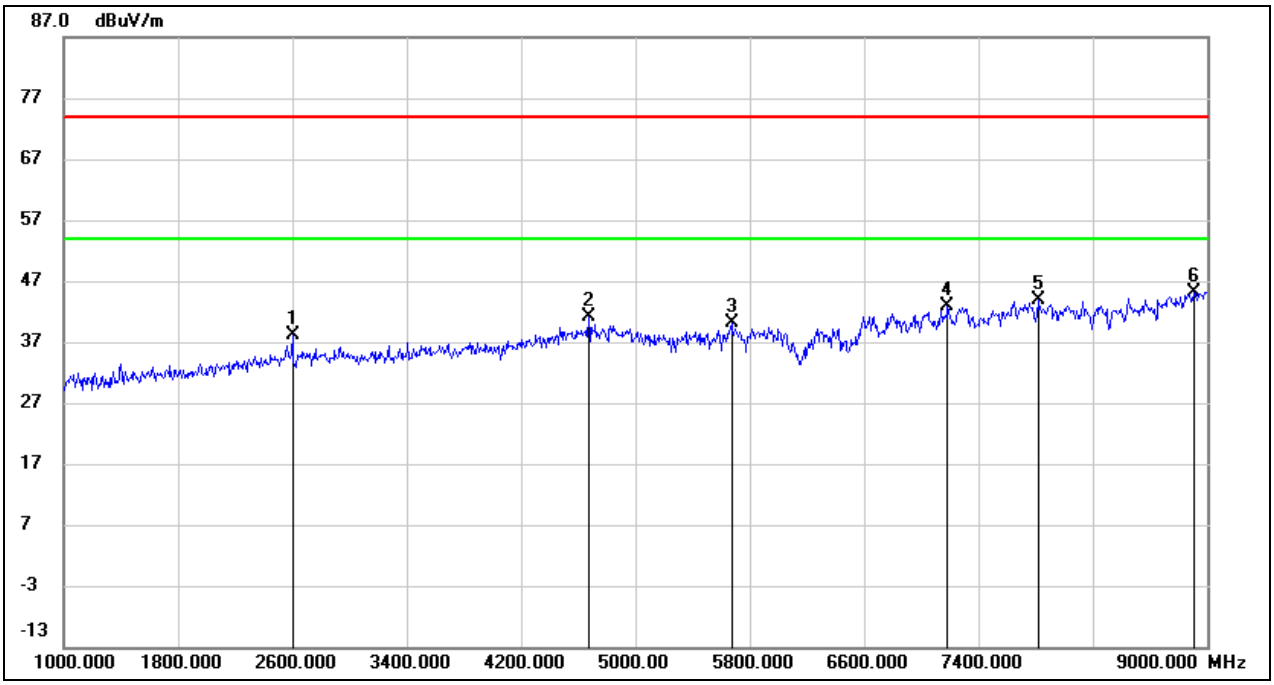
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2592.000	46.79	-8.21	38.58	74.00	-35.42	peak
2	4504.000	41.97	-2.12	39.85	74.00	-34.15	peak
3	6792.000	36.49	5.18	41.67	74.00	-32.33	peak
4	7184.000	36.97	6.01	42.98	74.00	-31.02	peak
5	8016.000	38.74	5.67	44.41	74.00	-29.59	peak
6	8968.000	36.57	9.51	46.08	74.00	-27.92	peak

Test Mode:	802.11be EHT20	Channel:	6415 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



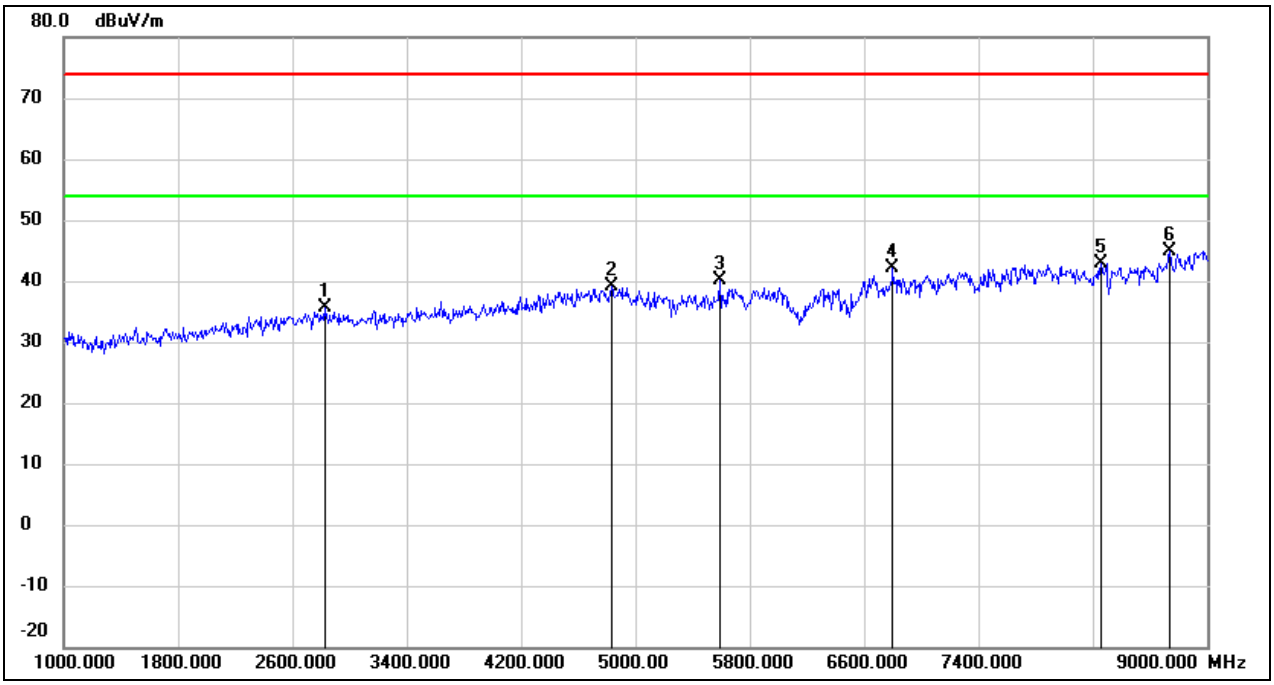
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3512.000	42.35	-5.82	36.53	74.00	-37.47	peak
2	4664.000	41.12	-1.49	39.63	74.00	-34.37	peak
3	5888.000	38.78	1.53	40.31	74.00	-33.69	peak
4	6664.000	36.94	4.54	41.48	74.00	-32.52	peak
5	7312.000	36.67	5.88	42.55	74.00	-31.45	peak
6	8272.000	39.65	5.97	45.62	74.00	-28.38	peak

Test Mode:	802.11be EHT20	Channel:	6755 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



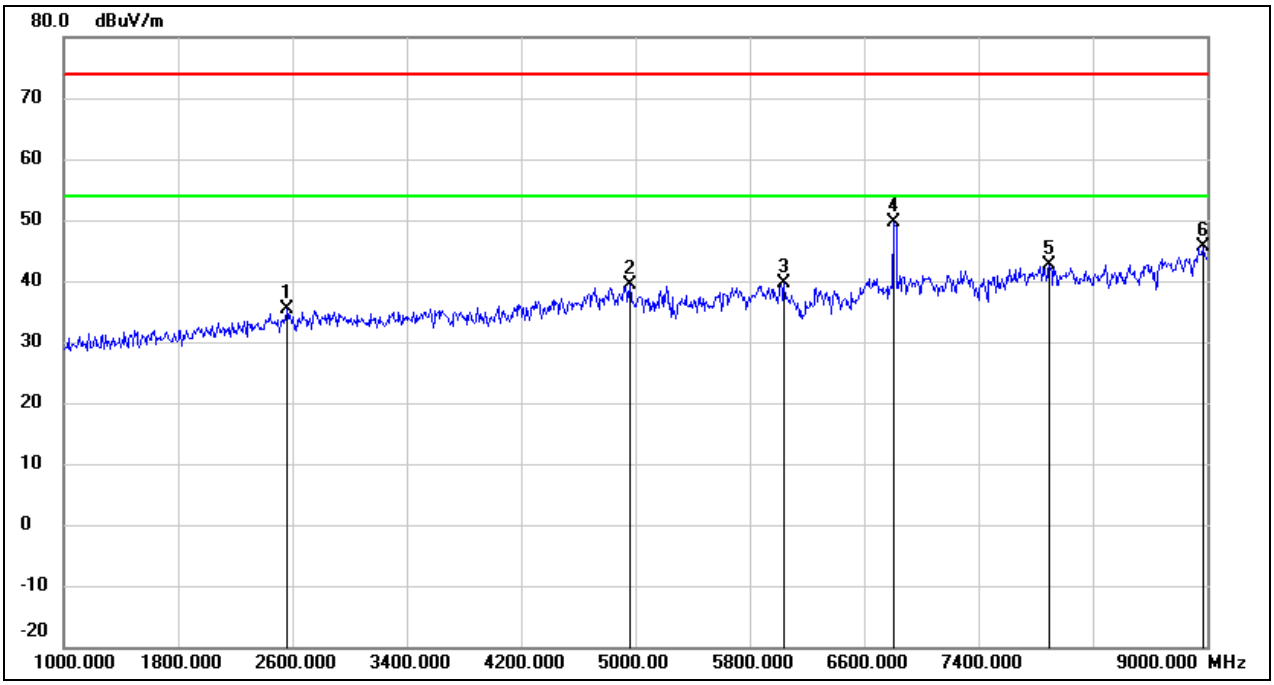
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2600.000	46.41	-8.19	38.22	74.00	-35.78	peak
2	4672.000	42.63	-1.46	41.17	74.00	-32.83	peak
3	5672.000	39.21	0.91	40.12	74.00	-33.88	peak
4	7184.000	36.78	6.01	42.79	74.00	-31.21	peak
5	7816.000	38.11	5.67	43.78	74.00	-30.22	peak
6	8904.000	36.08	9.06	45.14	74.00	-28.86	peak

Test Mode:	802.11be EHT20	Channel:	6755 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



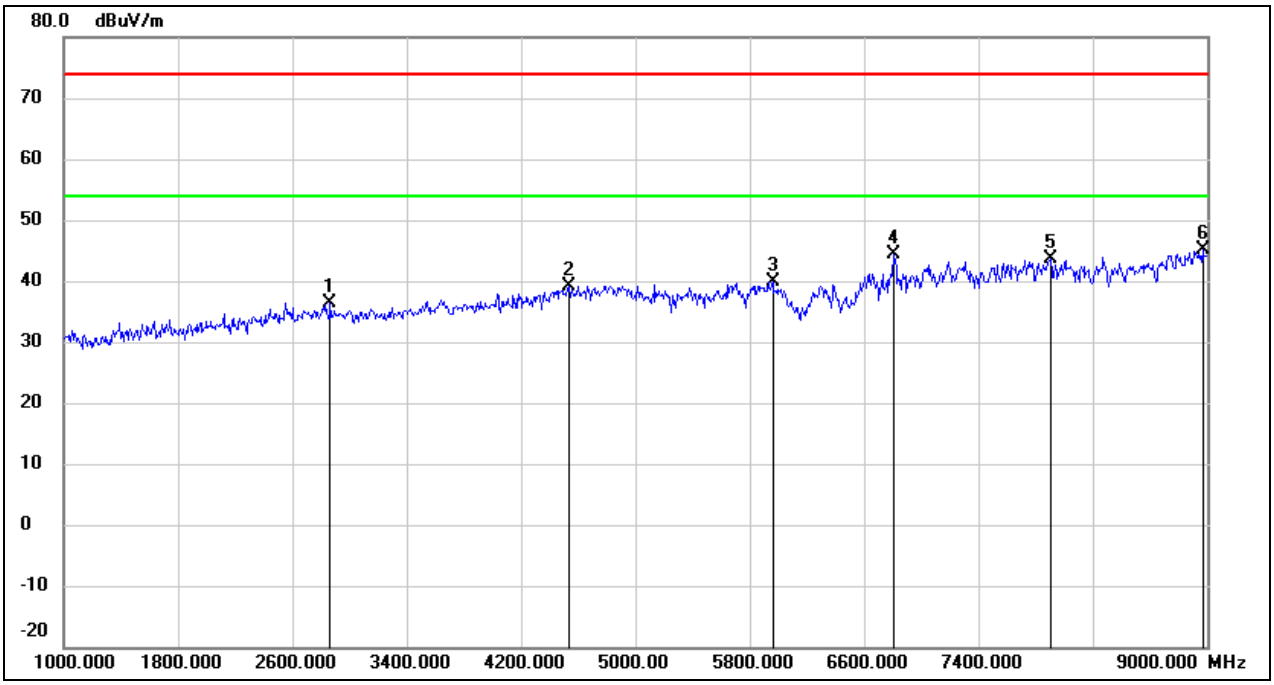
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2824.000	43.07	-7.51	35.56	74.00	-38.44	peak
2	4832.000	39.99	-0.83	39.16	74.00	-34.84	peak
3	5592.000	39.36	0.68	40.04	74.00	-33.96	peak
4	6800.000	36.89	5.21	42.10	74.00	-31.90	peak
5	8256.000	36.99	5.95	42.94	74.00	-31.06	peak
6	8736.000	36.95	7.88	44.83	74.00	-29.17	peak

Test Mode:	802.11be EHT20	Channel:	6815 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



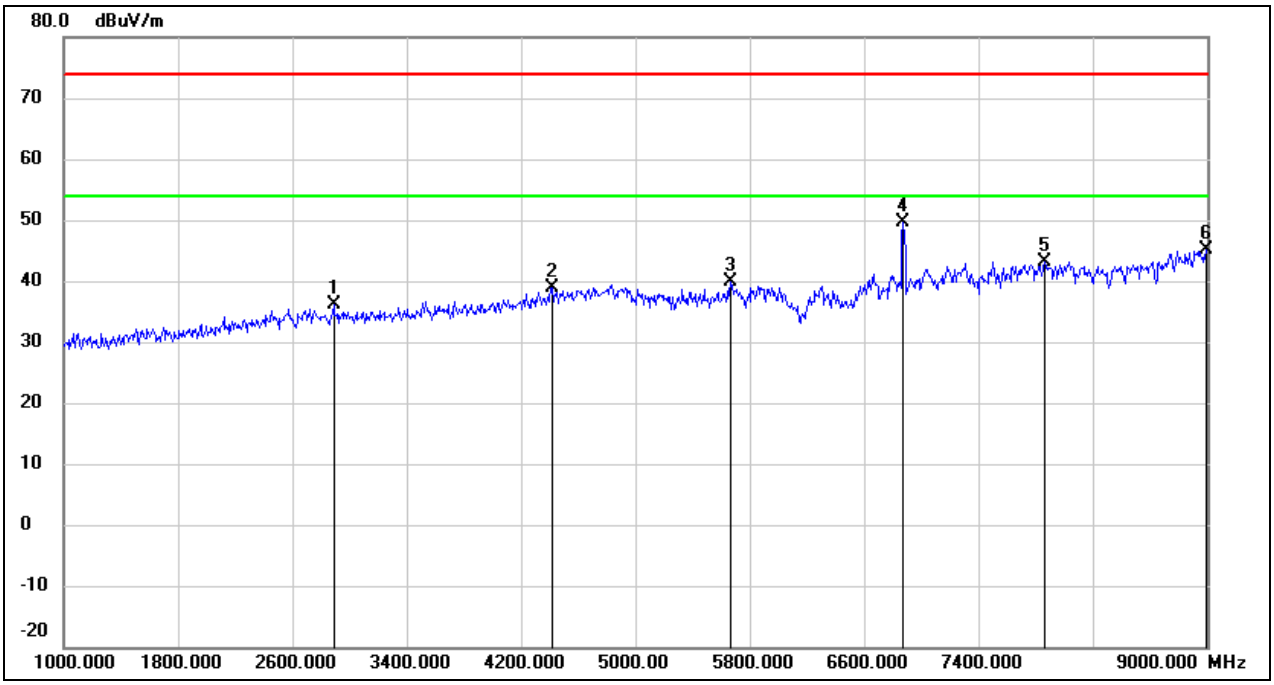
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2560.000	43.59	-8.31	35.28	74.00	-38.72	peak
2	4960.000	39.65	-0.32	39.33	74.00	-34.67	peak
3	6040.000	37.63	1.99	39.62	74.00	-34.38	peak
4	6808.000	44.34	5.24	49.58	74.00	-24.42	peak
5	7896.000	36.95	5.66	42.61	74.00	-31.39	peak
6	8968.000	36.12	9.51	45.63	74.00	-28.37	peak

Test Mode:	802.11be EHT20	Channel:	6815 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



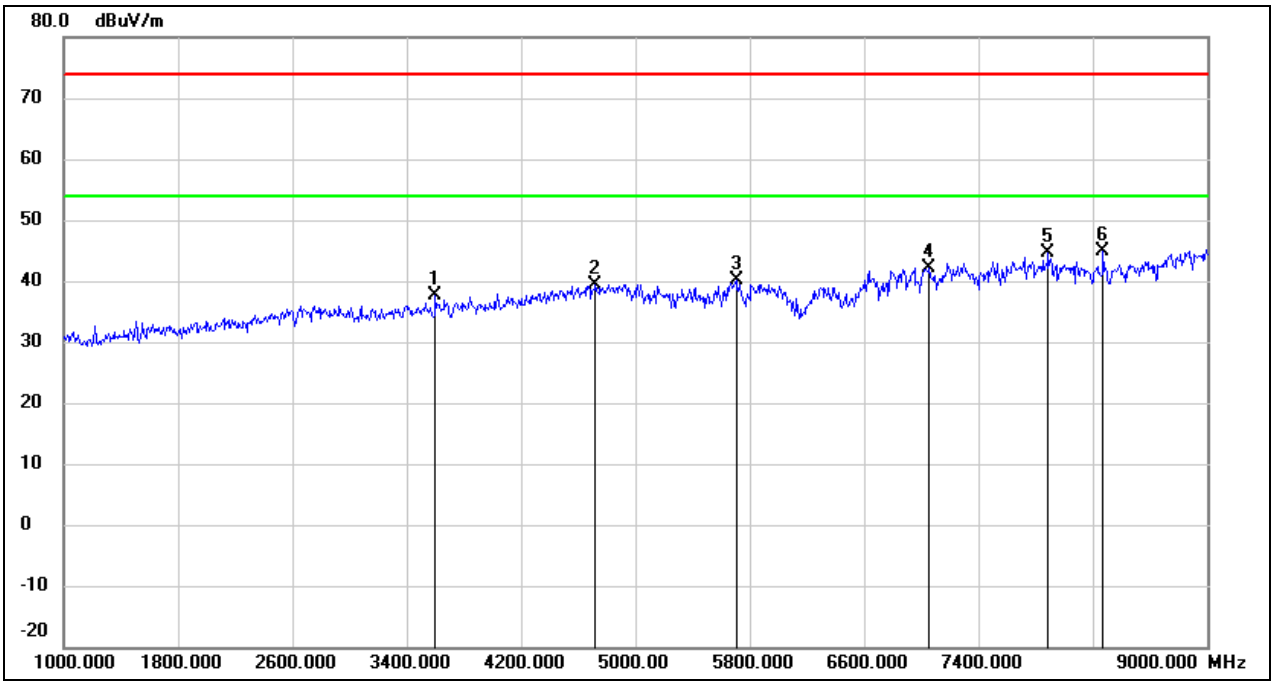
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2864.000	43.67	-7.39	36.28	74.00	-37.72	peak
2	4536.000	41.04	-1.99	39.05	74.00	-34.95	peak
3	5960.000	38.19	1.74	39.93	74.00	-34.07	peak
4	6808.000	39.06	5.24	44.30	74.00	-29.70	peak
5	7904.000	38.03	5.66	43.69	74.00	-30.31	peak
6	8968.000	35.50	9.51	45.01	74.00	-28.99	peak

Test Mode:	802.11be EHT20	Channel:	6875 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



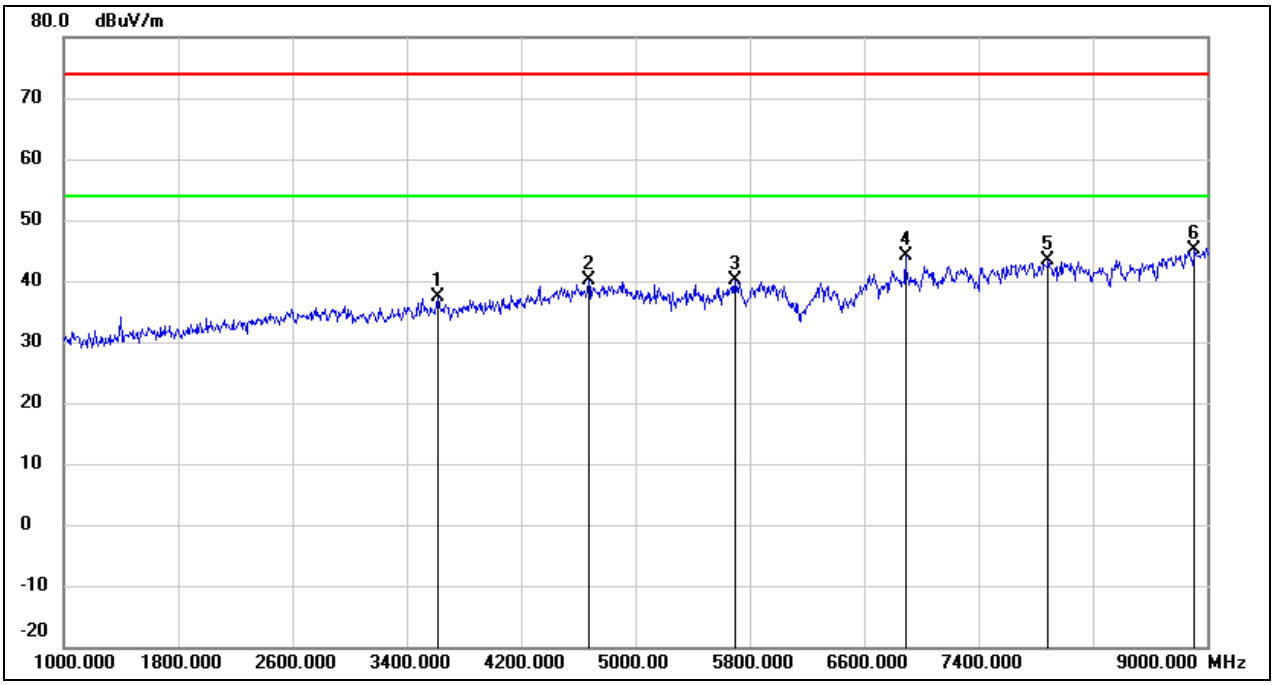
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2888.000	43.39	-7.32	36.07	74.00	-37.93	peak
2	4416.000	41.49	-2.54	38.95	74.00	-35.05	peak
3	5664.000	38.92	0.89	39.81	74.00	-34.19	peak
4	6872.000	44.19	5.56	49.75	74.00	-24.25	peak
5	7864.000	37.57	5.66	43.23	74.00	-30.77	peak
6	8992.000	35.41	9.68	45.09	74.00	-28.91	peak

Test Mode:	802.11be EHT20	Channel:	6875 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



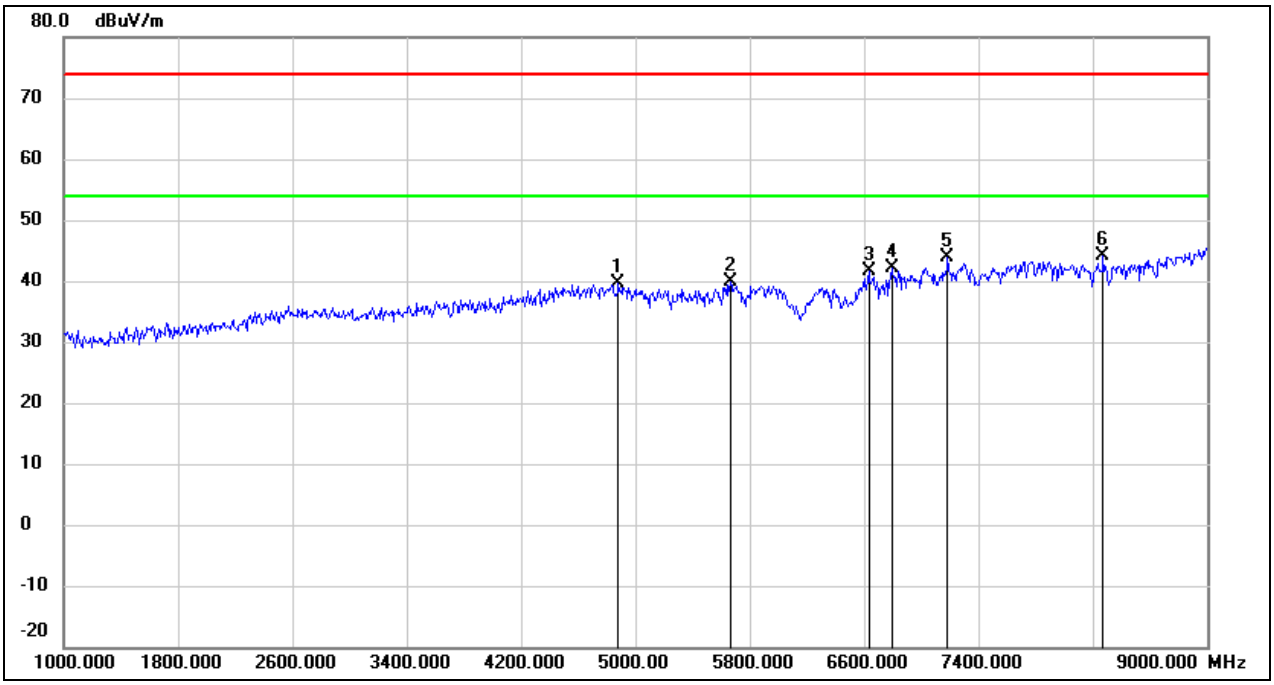
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3600.000	43.28	-5.58	37.70	74.00	-36.30	peak
2	4720.000	40.74	-1.27	39.47	74.00	-34.53	peak
3	5704.000	39.20	1.00	40.20	74.00	-33.80	peak
4	7056.000	35.95	6.14	42.09	74.00	-31.91	peak
5	7888.000	38.89	5.65	44.54	74.00	-29.46	peak
6	8272.000	38.98	5.97	44.95	74.00	-29.05	peak

Test Mode:	802.11be EHT20	Channel:	6975 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



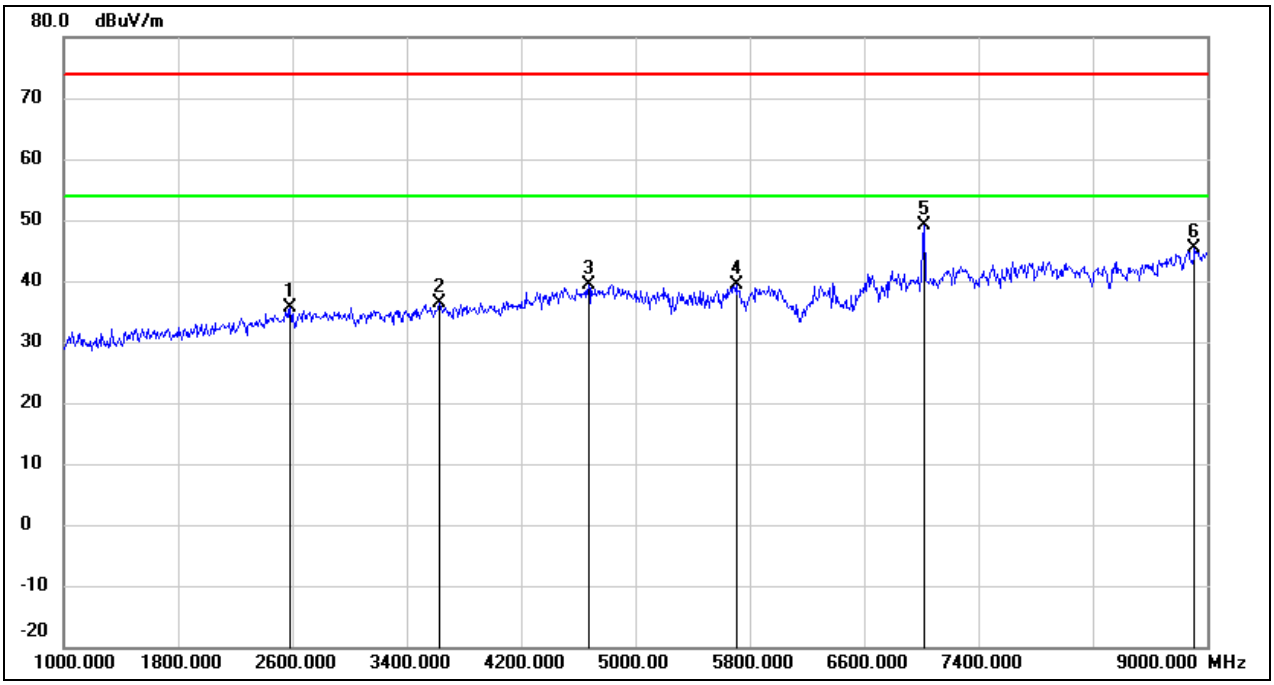
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3616.000	42.89	-5.53	37.36	74.00	-36.64	peak
2	4672.000	41.56	-1.46	40.10	74.00	-33.90	peak
3	5696.000	39.20	0.98	40.18	74.00	-33.82	peak
4	6888.000	38.60	5.64	44.24	74.00	-29.76	peak
5	7888.000	37.73	5.65	43.38	74.00	-30.62	peak
6	8912.000	36.09	9.11	45.20	74.00	-28.80	peak

Test Mode:	802.11be EHT20	Channel:	6975 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



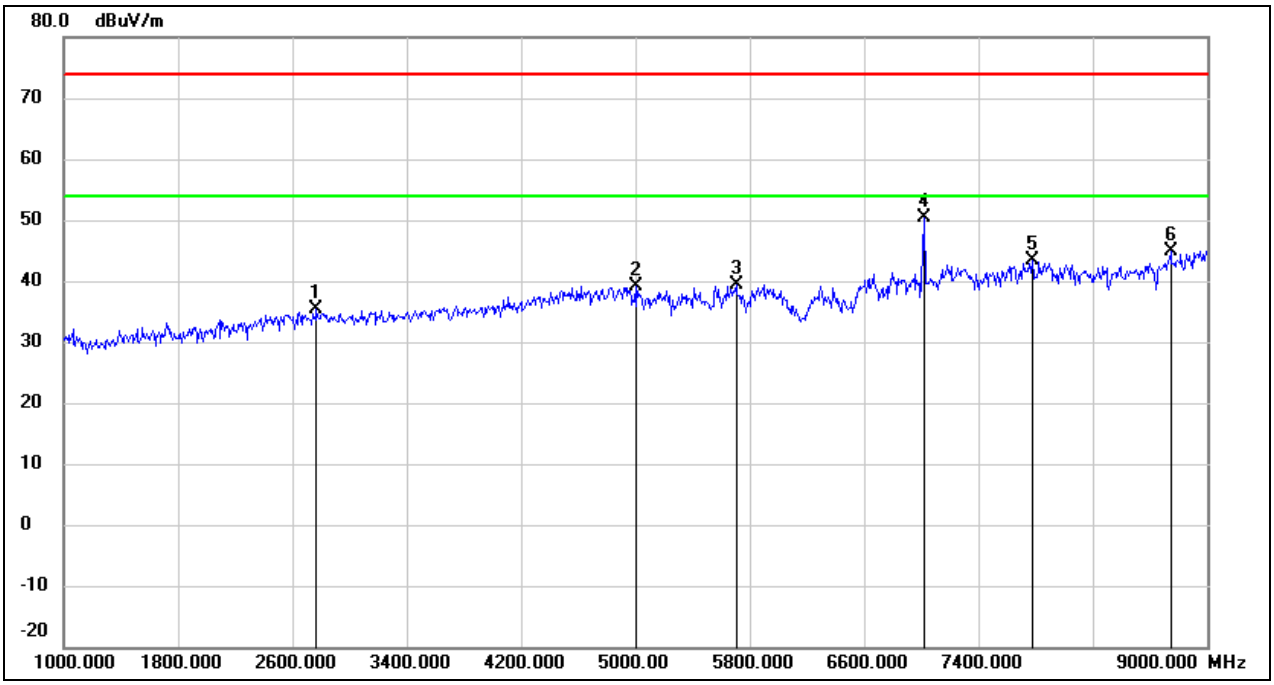
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	40.30	-0.63	39.67	74.00	-34.33	peak
2	5664.000	39.10	0.89	39.99	74.00	-34.01	peak
3	6632.000	37.24	4.38	41.62	74.00	-32.38	peak
4	6792.000	37.07	5.18	42.25	74.00	-31.75	peak
5	7184.000	37.84	6.01	43.85	74.00	-30.15	peak
6	8272.000	38.13	5.97	44.10	74.00	-29.90	peak

Test Mode:	802.11be EHT20	Channel:	7015 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



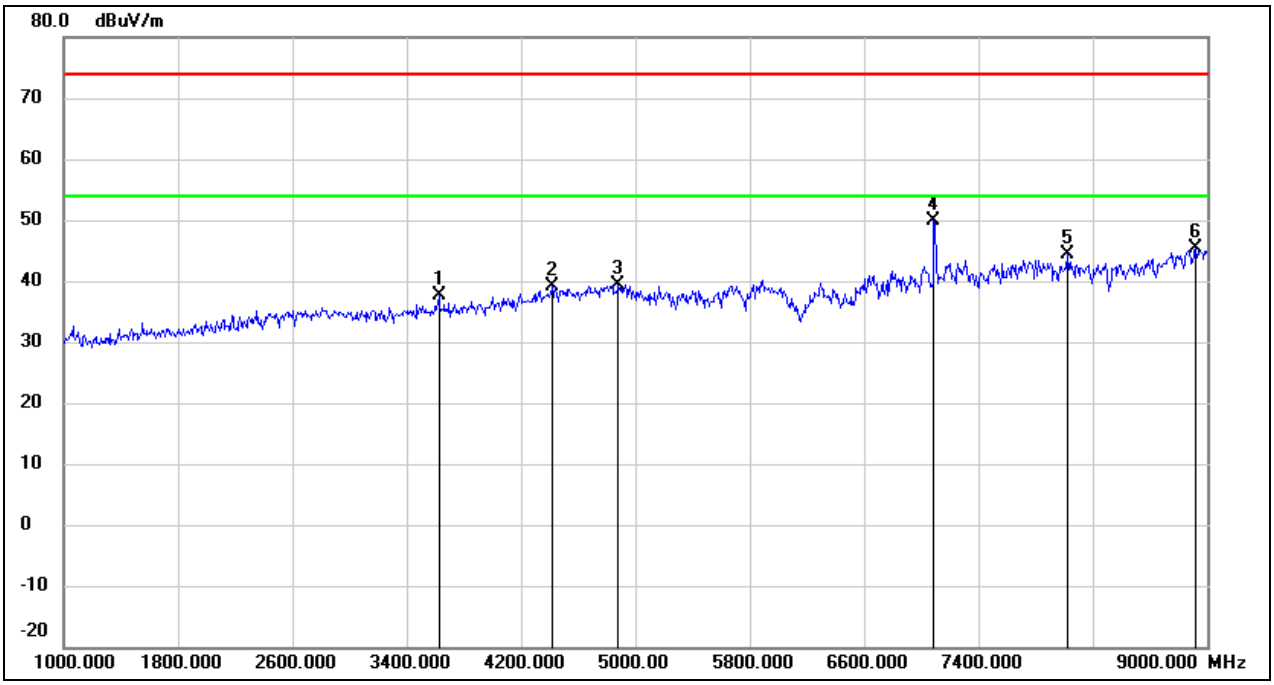
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2584.000	43.80	-8.24	35.56	74.00	-38.44	peak
2	3624.000	41.79	-5.51	36.28	74.00	-37.72	peak
3	4672.000	40.84	-1.46	39.38	74.00	-34.62	peak
4	5704.000	38.27	1.00	39.27	74.00	-34.73	peak
5	7024.000	42.89	6.18	49.07	74.00	-24.93	peak
6	8912.000	36.17	9.11	45.28	74.00	-28.72	peak

Test Mode:	802.11be EHT20	Channel:	7015 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



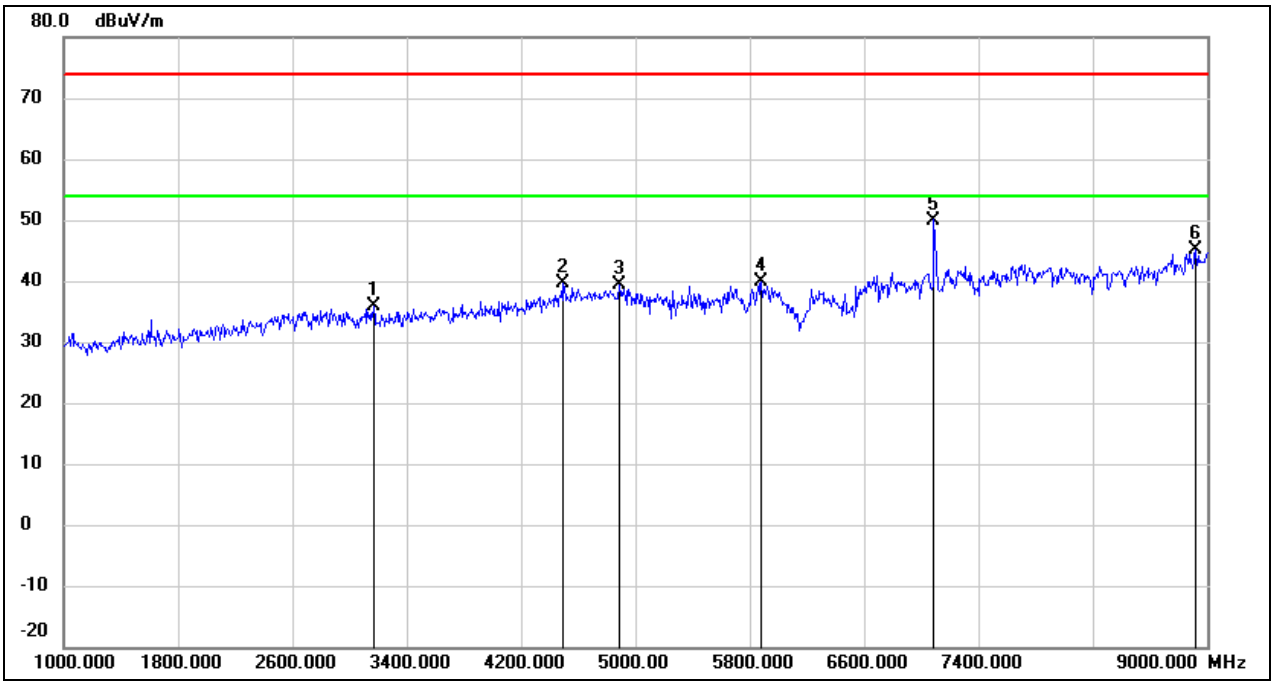
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2768.000	43.06	-7.68	35.38	74.00	-38.62	peak
2	5000.000	39.38	-0.15	39.23	74.00	-34.77	peak
3	5704.000	38.40	1.00	39.40	74.00	-34.60	peak
4	7024.000	44.28	6.18	50.46	74.00	-23.54	peak
5	7776.000	37.63	5.67	43.30	74.00	-30.70	peak
6	8744.000	36.97	7.94	44.91	74.00	-29.09	peak

Test Mode:	802.11be EHT20	Channel:	7095 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3624.000	43.11	-5.51	37.60	74.00	-36.40	peak
2	4416.000	41.61	-2.54	39.07	74.00	-34.93	peak
3	4880.000	39.98	-0.63	39.35	74.00	-34.65	peak
4	7088.000	43.88	6.11	49.99	74.00	-24.01	peak
5	8024.000	38.73	5.68	44.41	74.00	-29.59	peak
6	8920.000	36.20	9.17	45.37	74.00	-28.63	peak

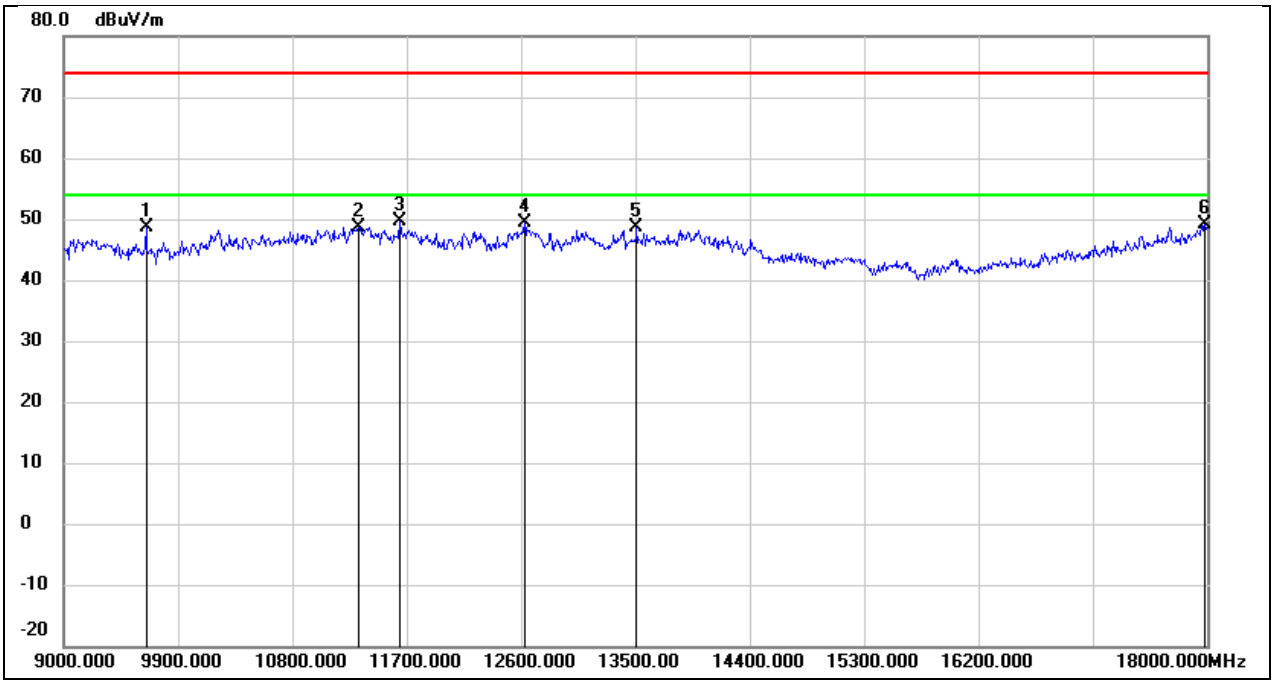
Test Mode:	802.11be EHT20	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3168.000	42.48	-6.60	35.88	74.00	-38.12	peak
2	4488.000	41.79	-2.19	39.60	74.00	-34.40	peak
3	4888.000	39.94	-0.60	39.34	74.00	-34.66	peak
4	5880.000	38.30	1.51	39.81	74.00	-34.19	peak
5	7088.000	43.89	6.11	50.00	74.00	-24.00	peak
6	8920.000	35.98	9.17	45.15	74.00	-28.85	peak

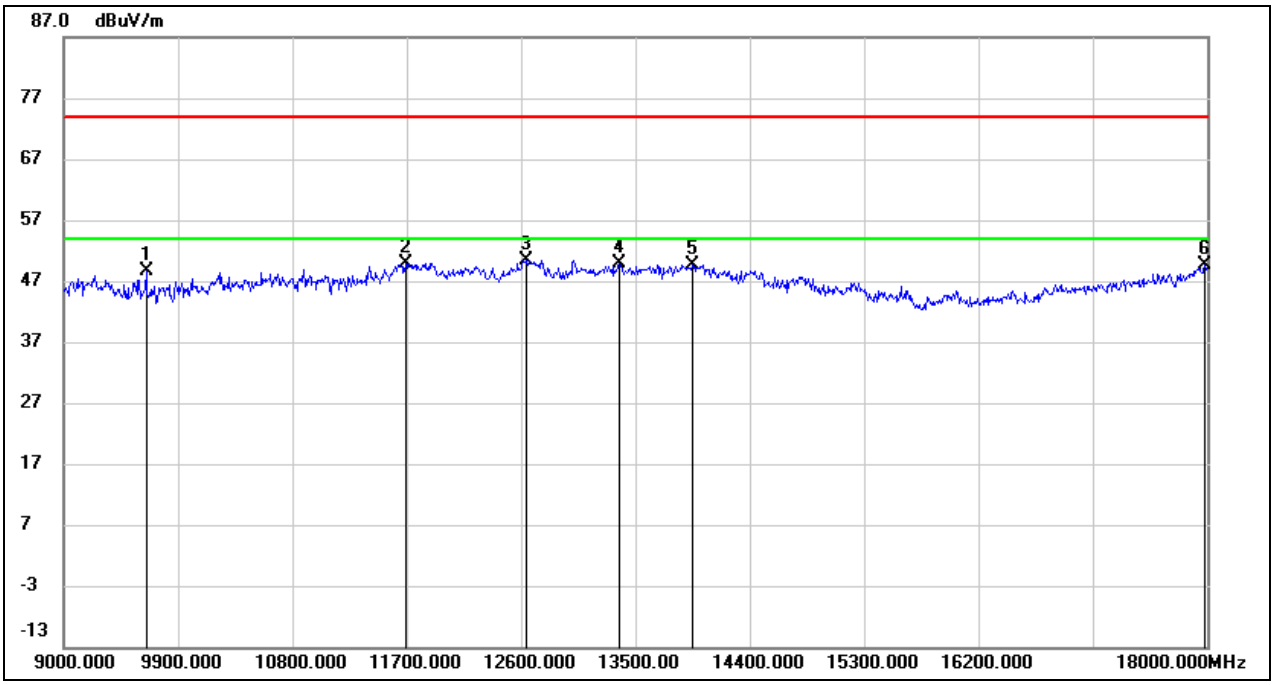
8.3. SPURIOUS EMISSIONS (9 GHZ ~ 18 GHZ)

Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



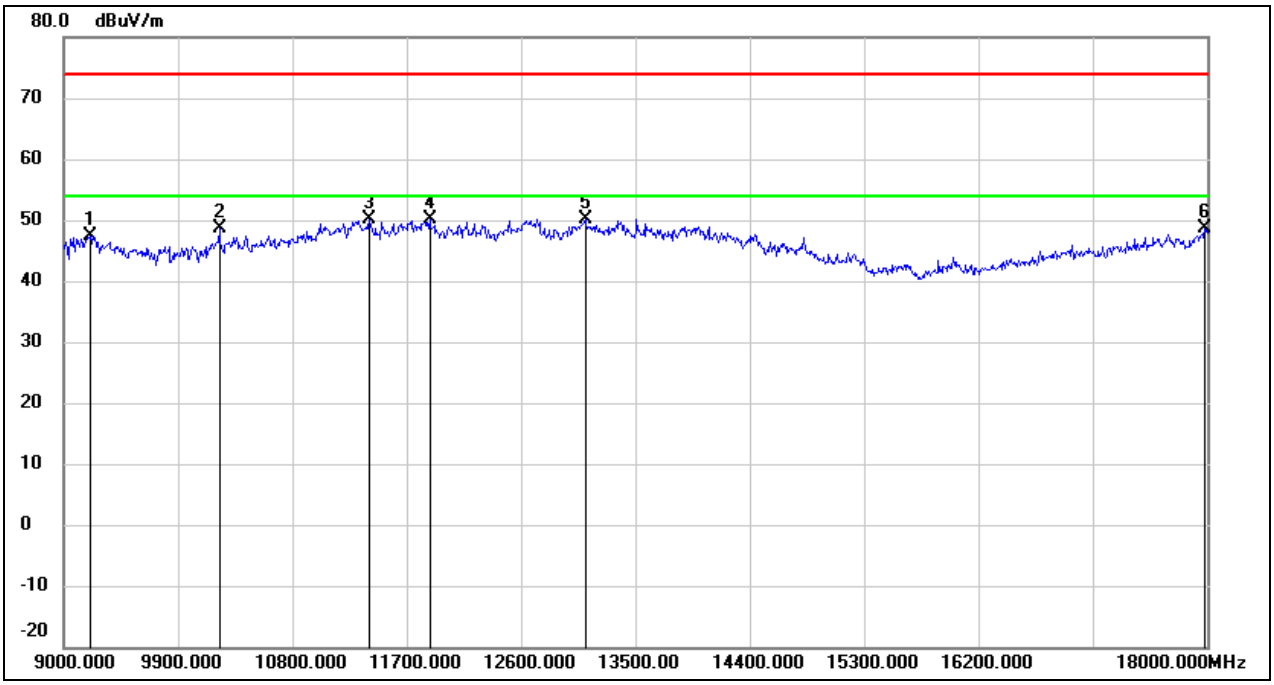
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9648.000	37.35	11.25	48.60	74.00	-25.40	peak
2	11322.000	32.79	15.90	48.69	74.00	-25.31	peak
3	11646.000	32.59	16.94	49.53	74.00	-24.47	peak
4	12627.000	31.41	17.87	49.28	74.00	-24.72	peak
5	13509.000	27.90	20.83	48.73	74.00	-25.27	peak
6	17982.000	24.12	25.04	49.16	74.00	-24.84	peak

Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



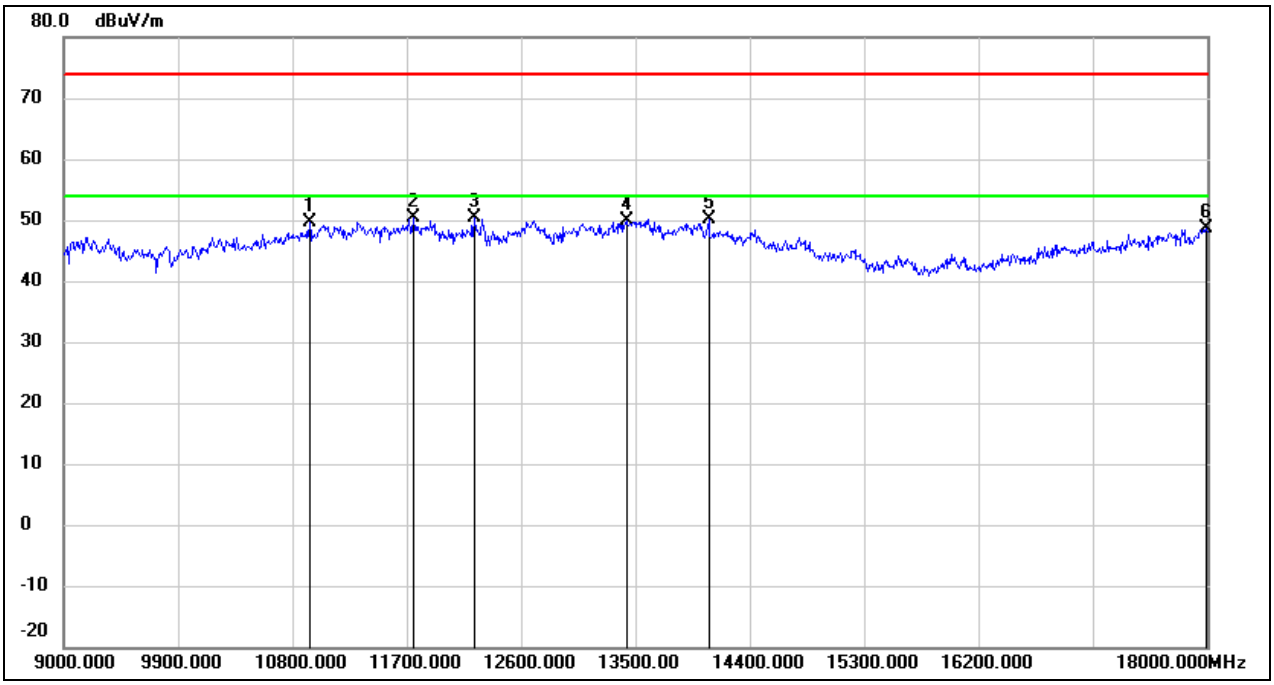
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9648.000	37.47	11.25	48.72	74.00	-25.28	peak
2	11691.000	32.87	17.05	49.92	74.00	-24.08	peak
3	12636.000	32.58	17.90	50.48	74.00	-23.52	peak
4	13374.000	29.52	20.33	49.85	74.00	-24.15	peak
5	13950.000	27.86	21.78	49.64	74.00	-24.36	peak
6	17982.000	24.49	25.04	49.53	74.00	-24.47	peak

Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



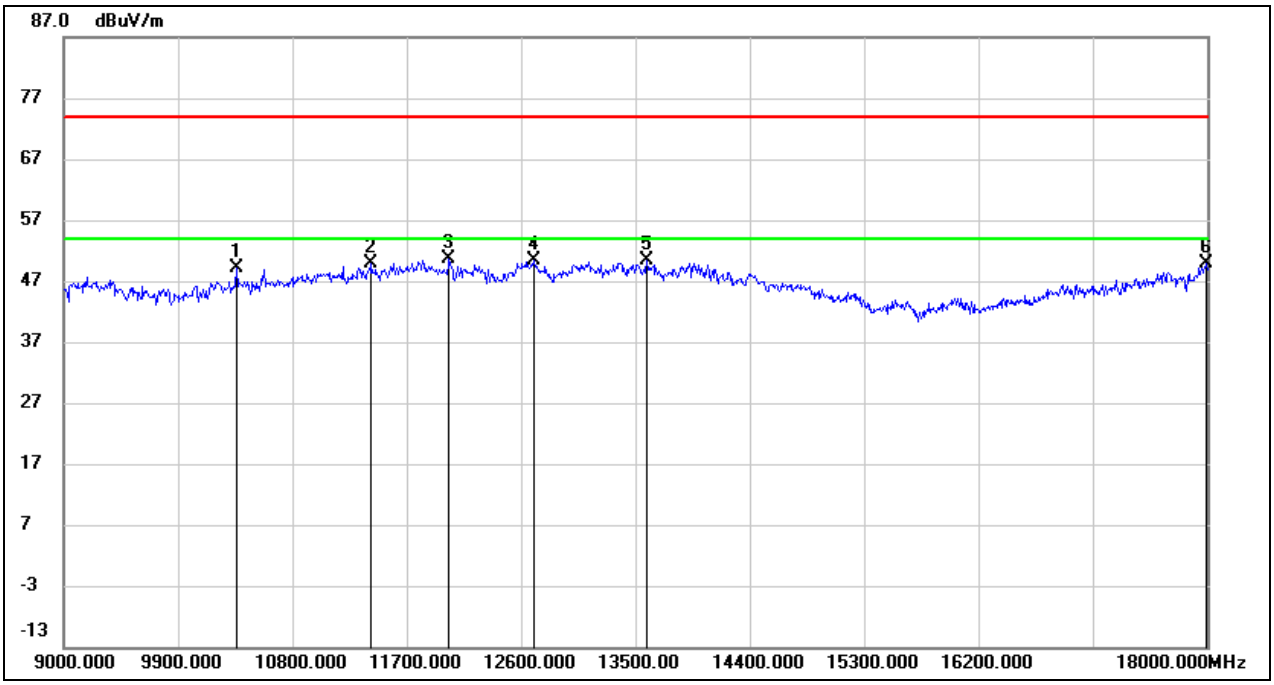
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9207.000	36.65	10.84	47.49	74.00	-26.51	peak
2	10224.000	36.12	12.55	48.67	74.00	-25.33	peak
3	11403.000	33.94	16.19	50.13	74.00	-23.87	peak
4	11880.000	32.61	17.58	50.19	74.00	-23.81	peak
5	13104.000	30.96	19.29	50.25	74.00	-23.75	peak
6	17982.000	23.67	25.04	48.71	74.00	-25.29	peak

Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



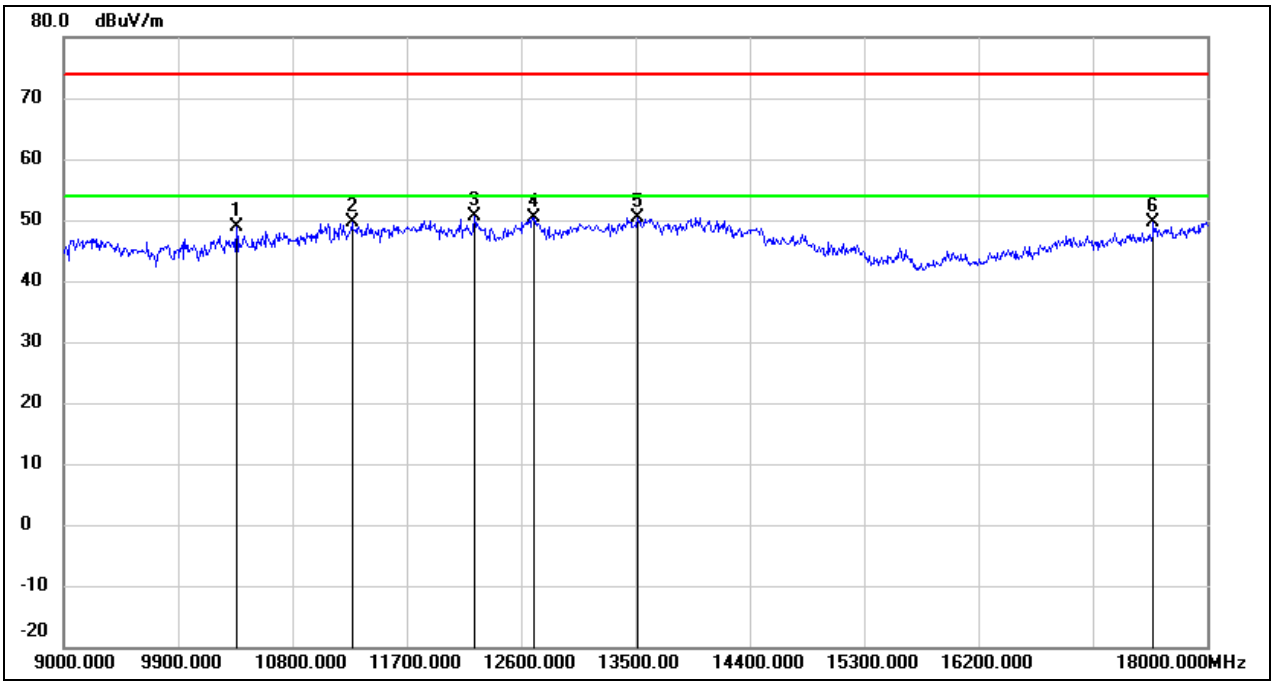
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10935.000	34.98	14.54	49.52	74.00	-24.48	peak
2	11754.000	33.09	17.23	50.32	74.00	-23.68	peak
3	12231.000	32.61	17.73	50.34	74.00	-23.66	peak
4	13428.000	29.42	20.53	49.95	74.00	-24.05	peak
5	14076.000	28.61	21.54	50.15	74.00	-23.85	peak
6	17991.000	23.61	25.11	48.72	74.00	-25.28	peak

Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



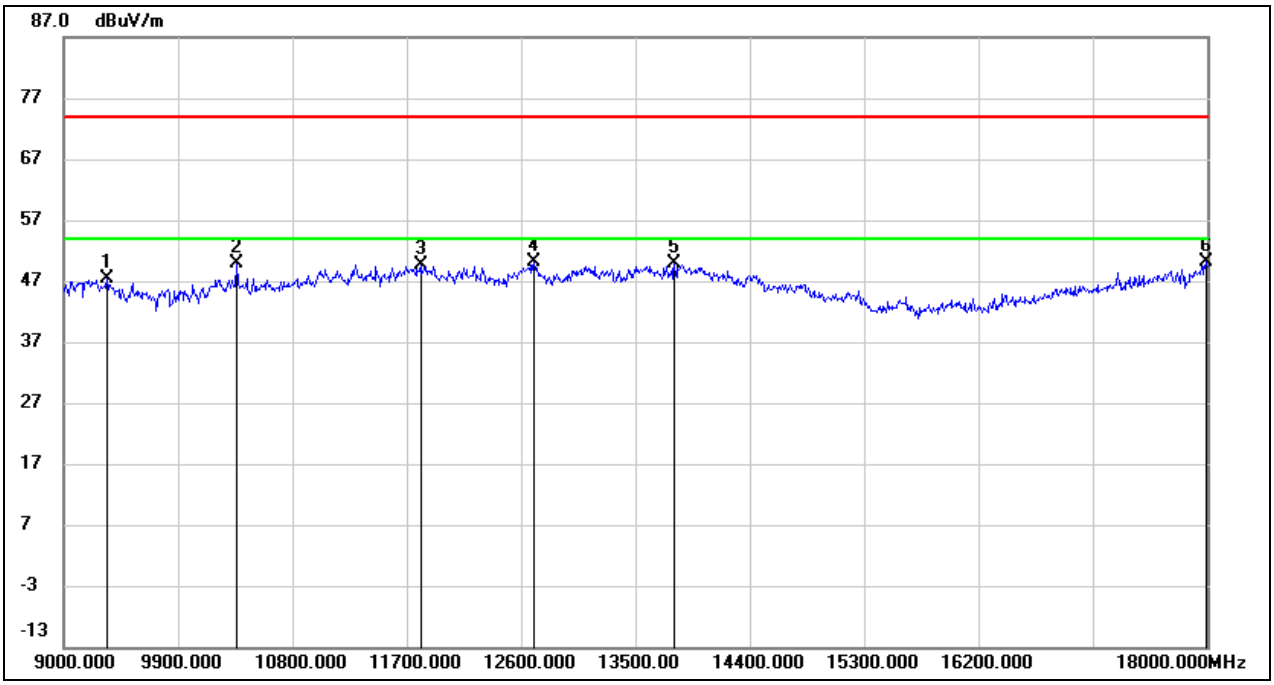
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.21	12.83	49.04	74.00	-24.96	peak
2	11421.000	33.64	16.25	49.89	74.00	-24.11	peak
3	12033.000	32.76	17.88	50.64	74.00	-23.36	peak
4	12699.000	32.37	18.07	50.44	74.00	-23.56	peak
5	13590.000	29.45	21.00	50.45	74.00	-23.55	peak
6	17991.000	24.77	25.11	49.88	74.00	-24.12	peak

Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



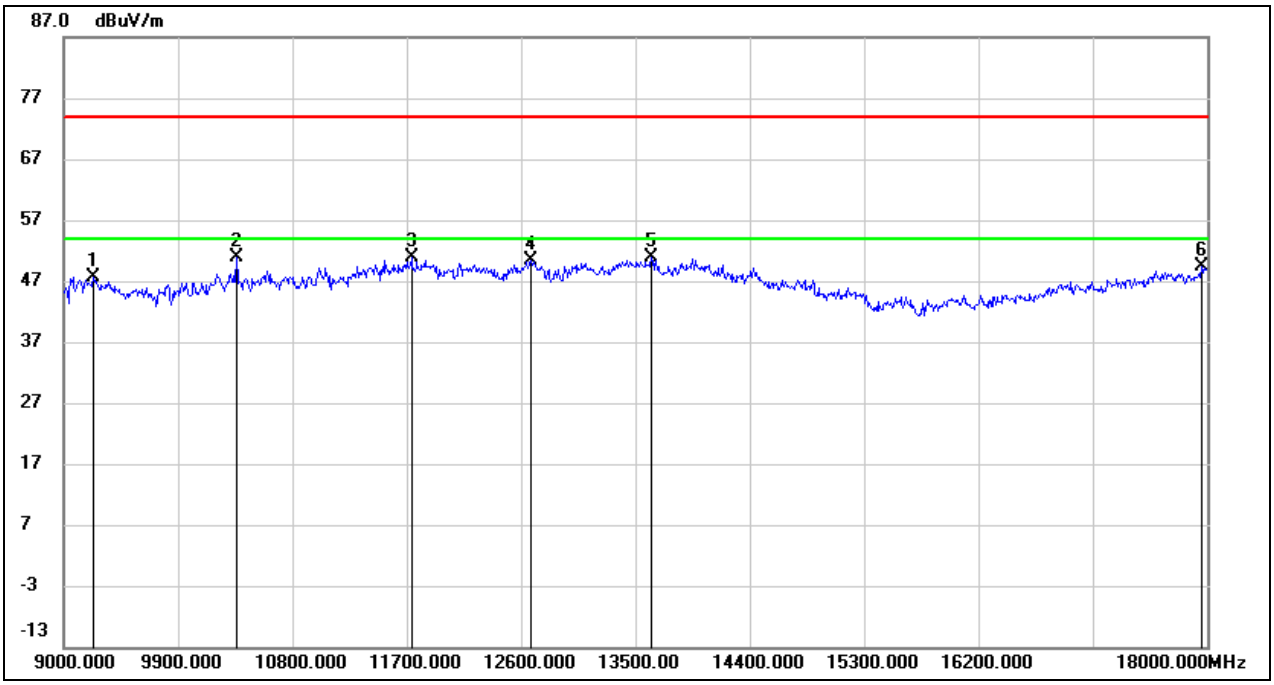
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.93	12.83	48.76	74.00	-25.24	peak
2	11268.000	34.00	15.71	49.71	74.00	-24.29	peak
3	12231.000	33.01	17.73	50.74	74.00	-23.26	peak
4	12699.000	32.24	18.07	50.31	74.00	-23.69	peak
5	13518.000	29.61	20.85	50.46	74.00	-23.54	peak
6	17577.000	27.24	22.45	49.69	74.00	-24.31	peak

Test Mode:	802.11ax HE20	Channel:	6755 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



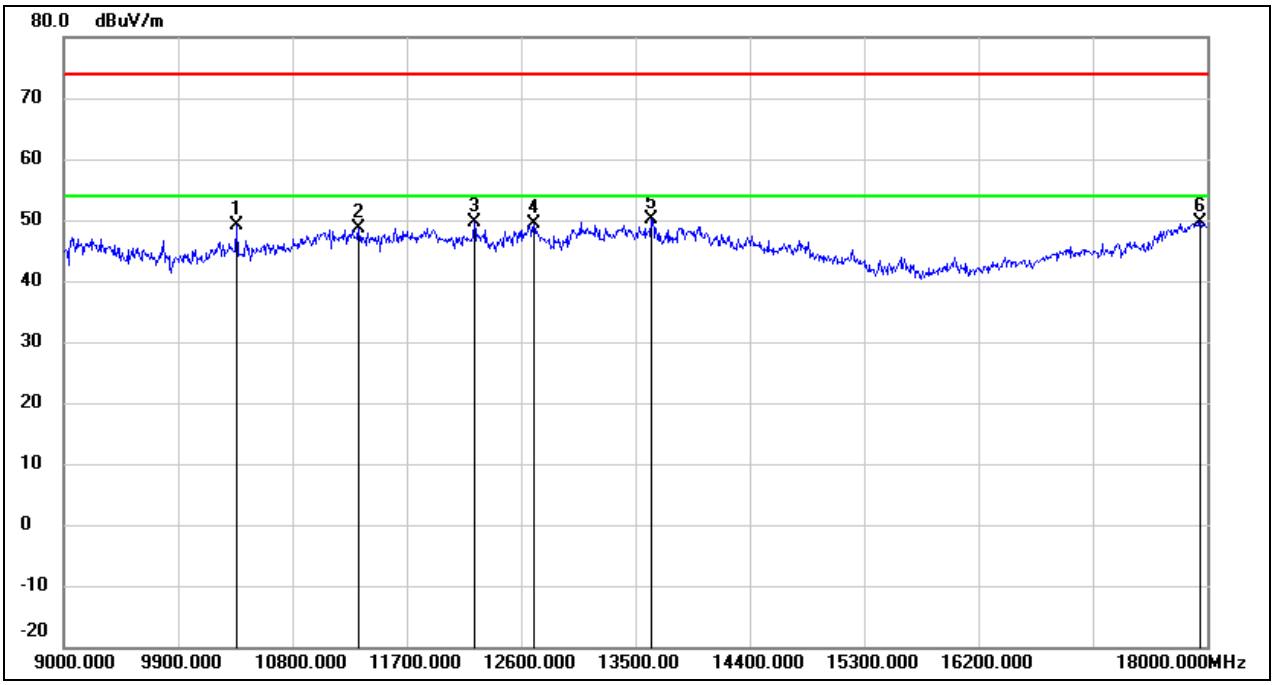
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	36.53	10.87	47.40	74.00	-26.60	peak
2	10359.000	37.11	12.83	49.94	74.00	-24.06	peak
3	11808.000	32.32	17.38	49.70	74.00	-24.30	peak
4	12699.000	32.17	18.07	50.24	74.00	-23.76	peak
5	13806.000	28.37	21.46	49.83	74.00	-24.17	peak
6	17991.000	25.00	25.11	50.11	74.00	-23.89	peak

Test Mode:	802.11ax HE20	Channel:	6755 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



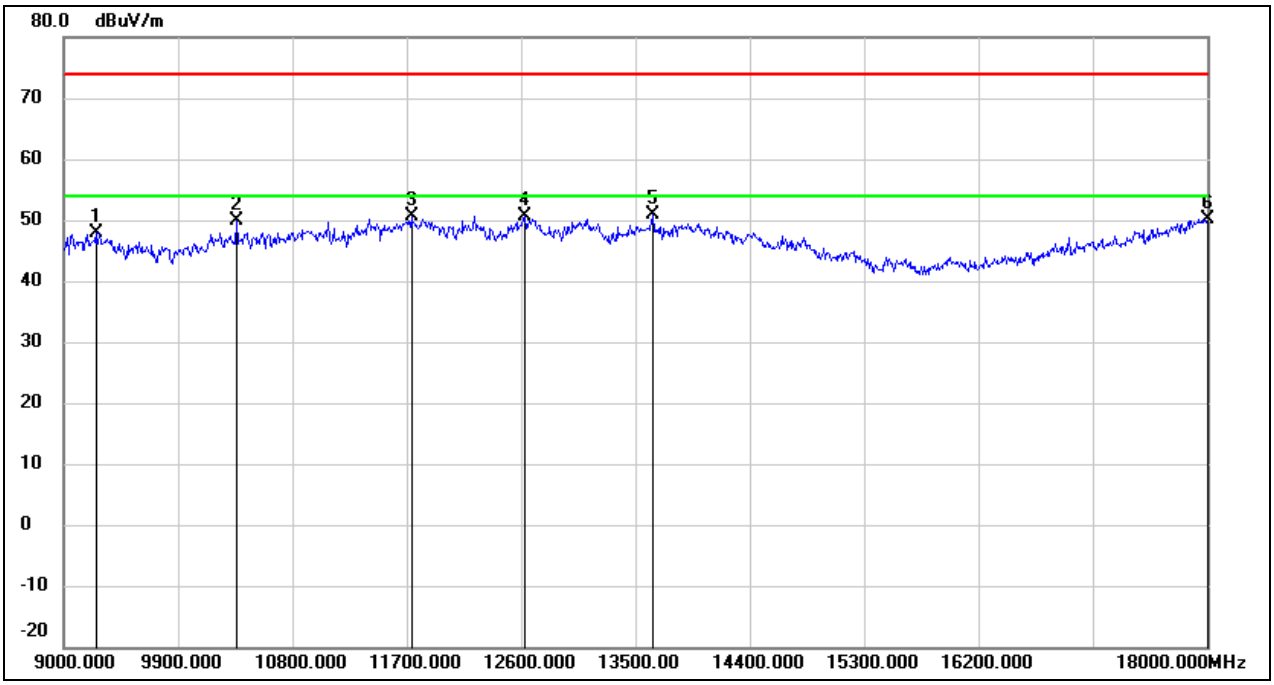
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9234.000	36.68	10.84	47.52	74.00	-26.48	peak
2	10359.000	38.14	12.83	50.97	74.00	-23.03	peak
3	11736.000	33.64	17.18	50.82	74.00	-23.18	peak
4	12672.000	32.48	18.00	50.48	74.00	-23.52	peak
5	13626.000	29.87	21.08	50.95	74.00	-23.05	peak
6	17955.000	24.45	24.87	49.32	74.00	-24.68	peak

Test Mode:	802.11ax HE20	Channel:	6815 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



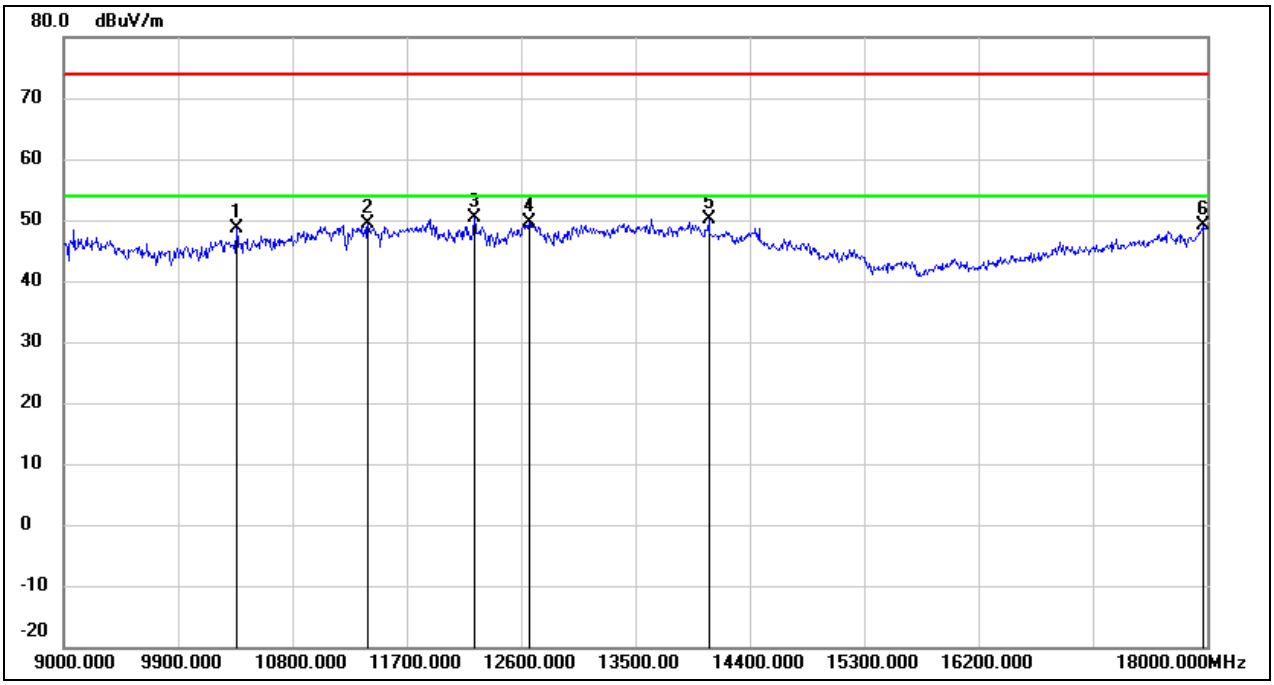
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.24	12.83	49.07	74.00	-24.93	peak
2	11322.000	32.74	15.90	48.64	74.00	-25.36	peak
3	12231.000	31.99	17.73	49.72	74.00	-24.28	peak
4	12699.000	31.21	18.07	49.28	74.00	-24.72	peak
5	13626.000	28.94	21.08	50.02	74.00	-23.98	peak
6	17946.000	24.83	24.82	49.65	74.00	-24.35	peak

Test Mode:	802.11ax HE20	Channel:	6815 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



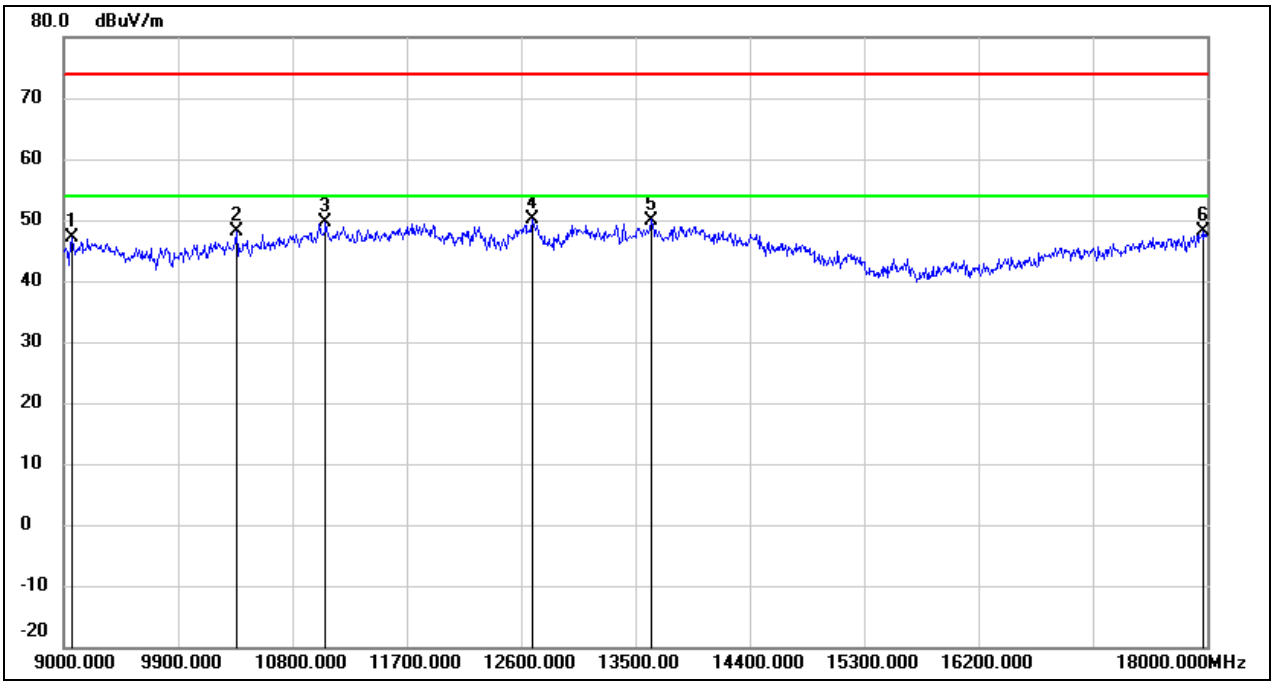
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9252.000	37.15	10.85	48.00	74.00	-26.00	peak
2	10359.000	36.95	12.83	49.78	74.00	-24.22	peak
3	11736.000	33.35	17.18	50.53	74.00	-23.47	peak
4	12627.000	32.78	17.87	50.65	74.00	-23.35	peak
5	13635.000	29.88	21.10	50.98	74.00	-23.02	peak
6	18000.000	24.94	25.16	50.10	74.00	-23.90	peak

Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



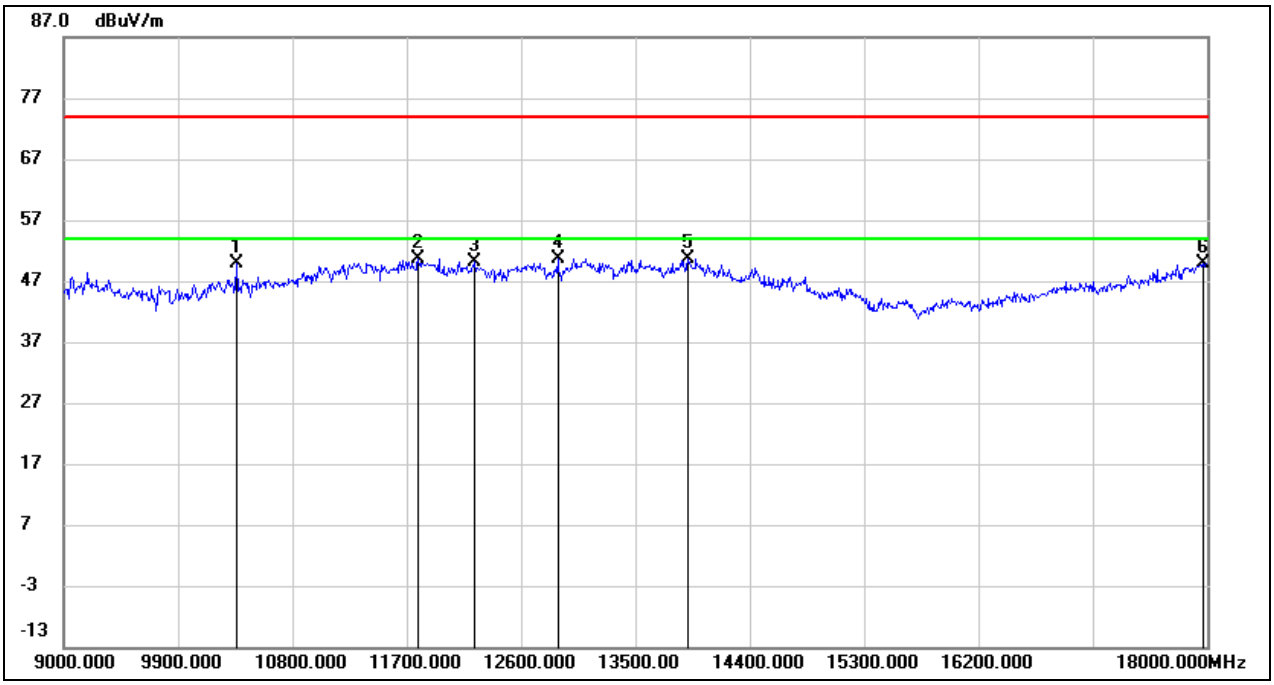
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.83	12.83	48.66	74.00	-25.34	peak
2	11394.000	33.12	16.15	49.27	74.00	-24.73	peak
3	12231.000	32.58	17.73	50.31	74.00	-23.69	peak
4	12663.000	31.70	17.98	49.68	74.00	-24.32	peak
5	14076.000	28.49	21.54	50.03	74.00	-23.97	peak
6	17973.000	24.07	24.99	49.06	74.00	-24.94	peak

Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



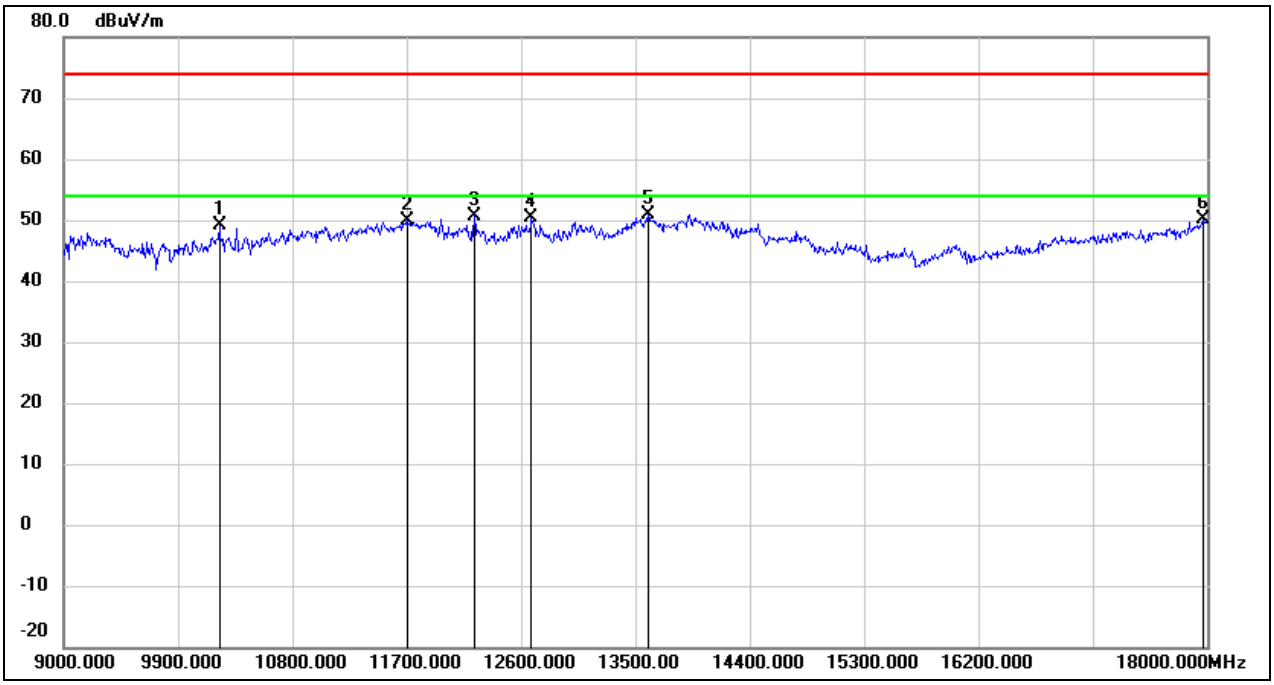
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9063.000	36.24	10.82	47.06	74.00	-26.94	peak
2	10359.000	35.39	12.83	48.22	74.00	-25.78	peak
3	11061.000	34.56	14.96	49.52	74.00	-24.48	peak
4	12690.000	32.17	18.05	50.22	74.00	-23.78	peak
5	13626.000	28.92	21.08	50.00	74.00	-24.00	peak
6	17964.000	23.14	24.92	48.06	74.00	-25.94	peak

Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



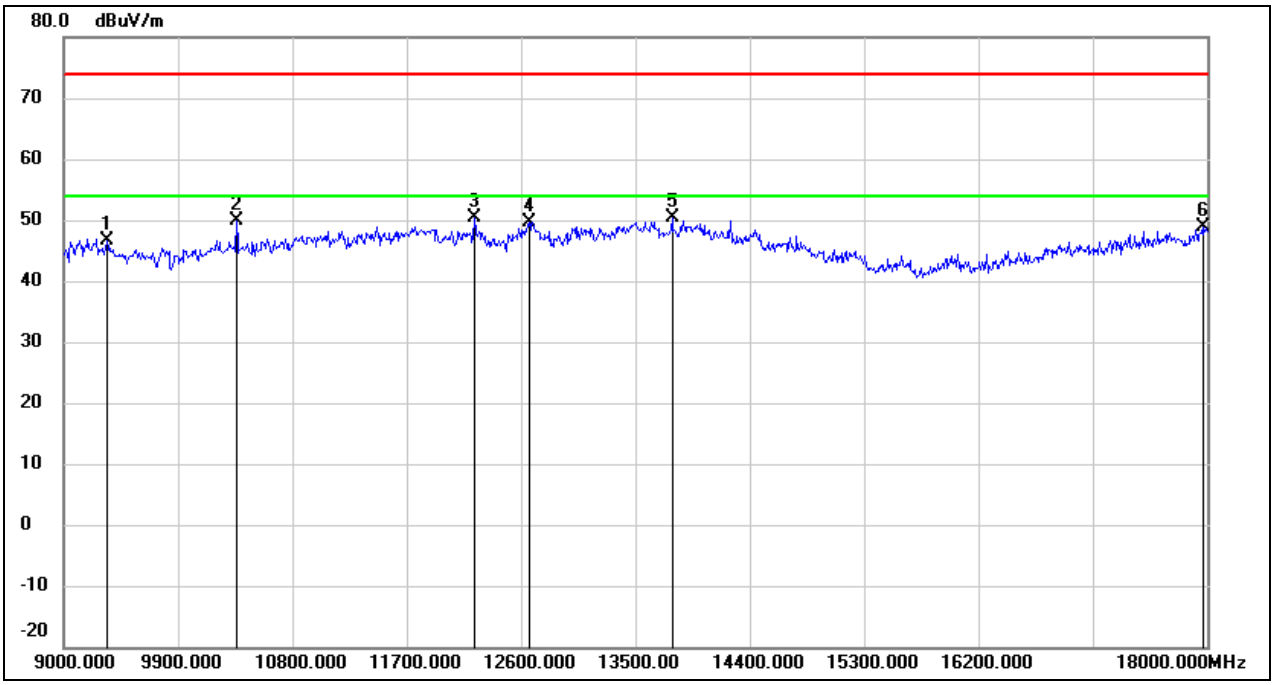
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.94	12.83	49.77	74.00	-24.23	peak
2	11790.000	33.19	17.33	50.52	74.00	-23.48	peak
3	12231.000	32.44	17.73	50.17	74.00	-23.83	peak
4	12888.000	32.01	18.59	50.60	74.00	-23.40	peak
5	13914.000	28.90	21.69	50.59	74.00	-23.41	peak
6	17973.000	24.98	24.99	49.97	74.00	-24.03	peak

Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



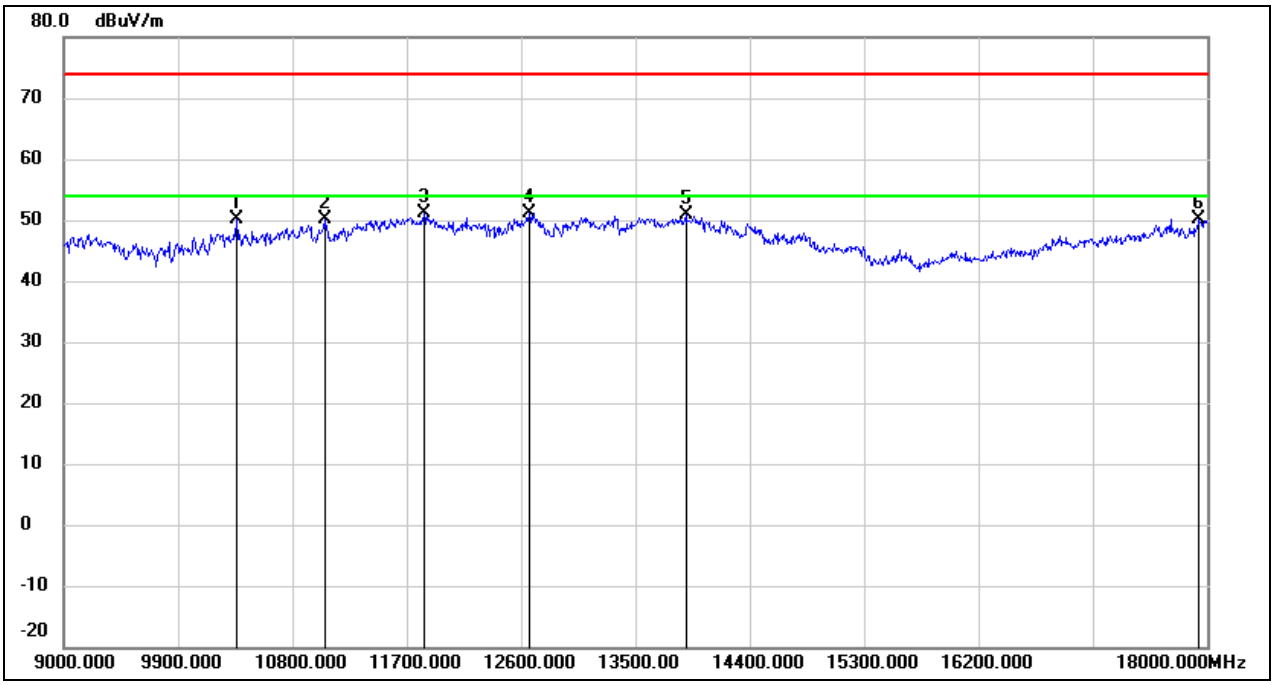
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10224.000	36.49	12.55	49.04	74.00	-24.96	peak
2	11709.000	32.76	17.11	49.87	74.00	-24.13	peak
3	12231.000	33.02	17.73	50.75	74.00	-23.25	peak
4	12681.000	32.27	18.03	50.30	74.00	-23.70	peak
5	13599.000	29.84	21.02	50.86	74.00	-23.14	peak
6	17973.000	25.09	24.99	50.08	74.00	-23.92	peak

Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



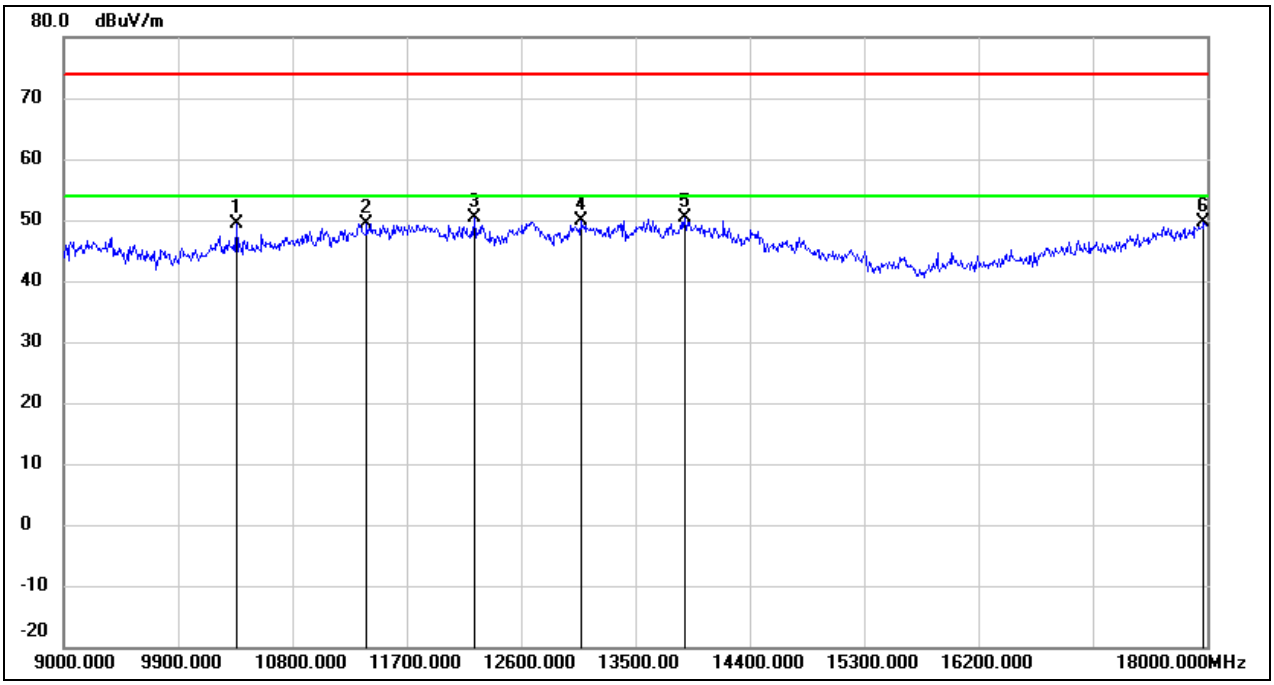
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	35.73	10.87	46.60	74.00	-27.40	peak
2	10359.000	37.08	12.83	49.91	74.00	-24.09	peak
3	12231.000	32.73	17.73	50.46	74.00	-23.54	peak
4	12663.000	31.68	17.98	49.66	74.00	-24.34	peak
5	13788.000	28.86	21.42	50.28	74.00	-23.72	peak
6	17964.000	23.99	24.92	48.91	74.00	-25.09	peak

Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



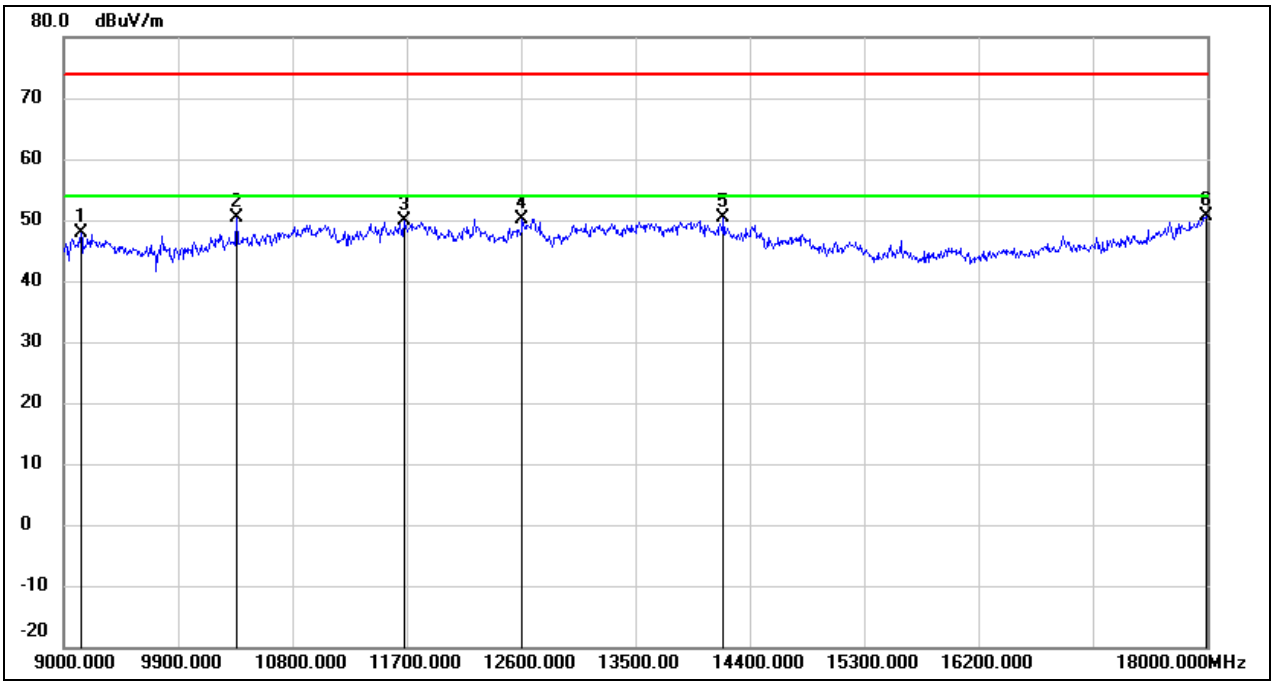
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.21	12.83	50.04	74.00	-23.96	peak
2	11052.000	35.07	14.94	50.01	74.00	-23.99	peak
3	11835.000	33.76	17.46	51.22	74.00	-22.78	peak
4	12663.000	33.08	17.98	51.06	74.00	-22.94	peak
5	13896.000	29.35	21.65	51.00	74.00	-23.00	peak
6	17937.000	25.49	24.76	50.25	74.00	-23.75	peak

Test Mode:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



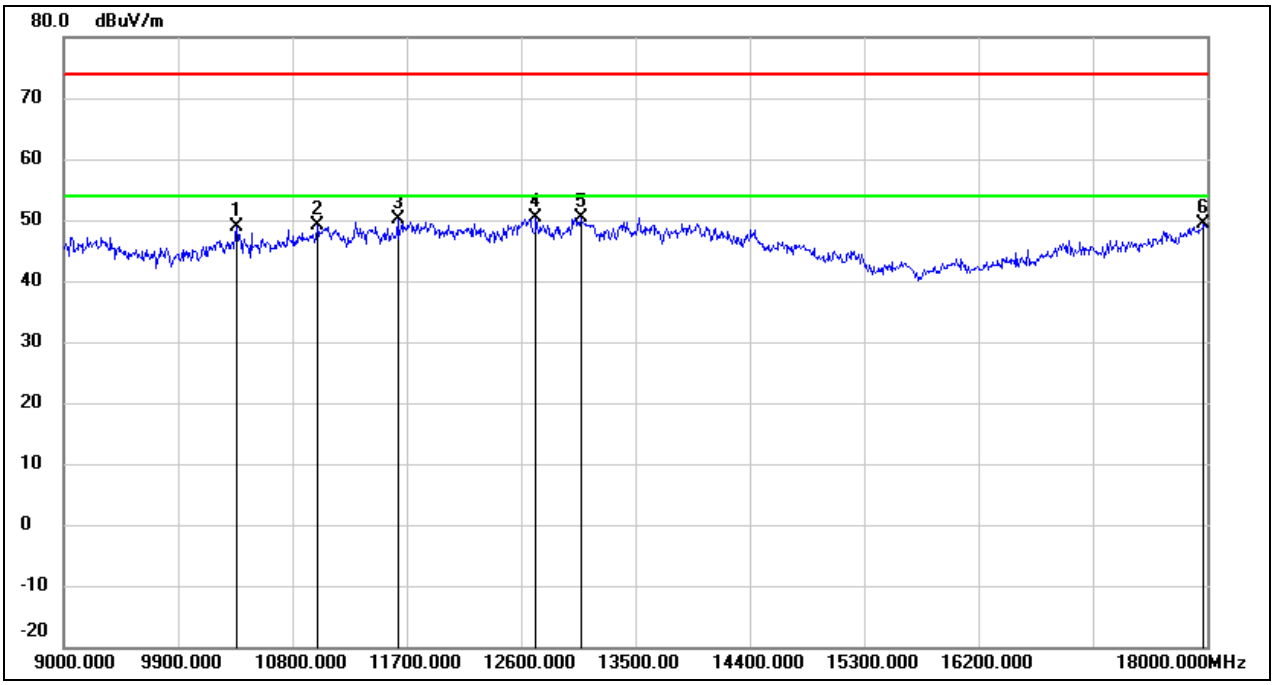
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.59	12.83	49.42	74.00	-24.58	peak
2	11385.000	33.33	16.12	49.45	74.00	-24.55	peak
3	12231.000	32.61	17.73	50.34	74.00	-23.66	peak
4	13068.000	30.83	19.15	49.98	74.00	-24.02	peak
5	13887.000	28.65	21.64	50.29	74.00	-23.71	peak
6	17973.000	24.58	24.99	49.57	74.00	-24.43	peak

Test Mode:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



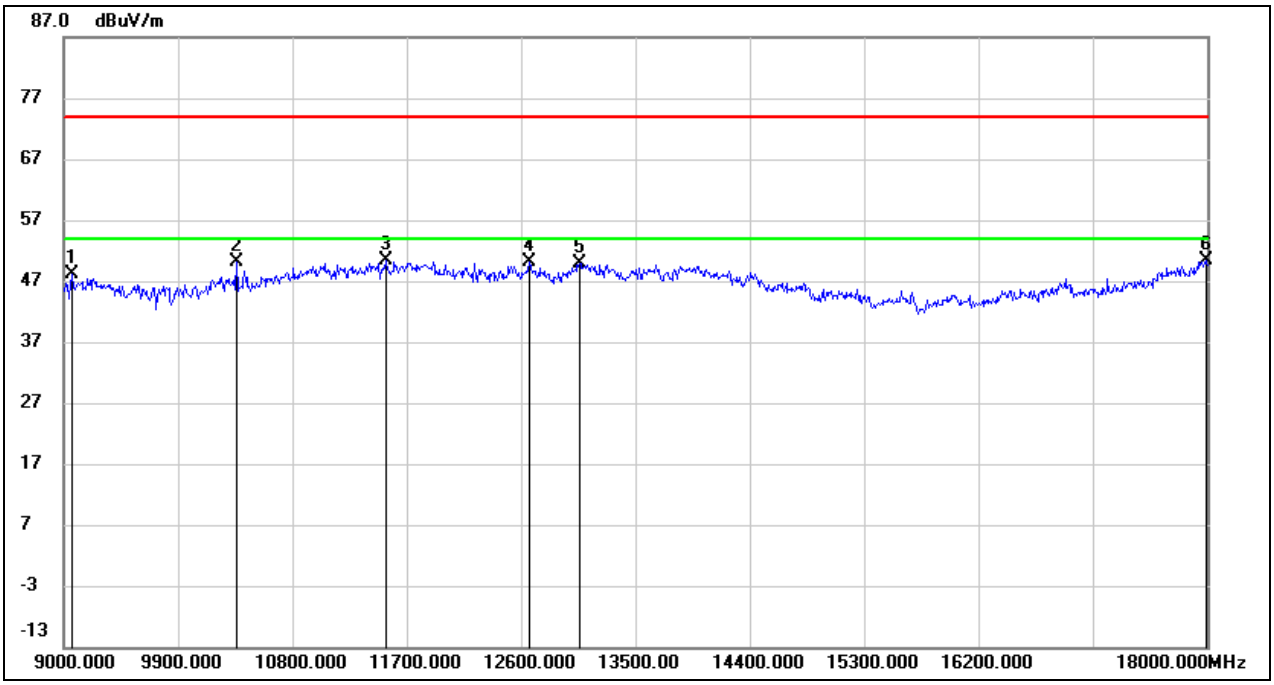
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.99	10.84	47.83	74.00	-26.17	peak
2	10359.000	37.64	12.83	50.47	74.00	-23.53	peak
3	11682.000	32.74	17.04	49.78	74.00	-24.22	peak
4	12609.000	32.33	17.83	50.16	74.00	-23.84	peak
5	14193.000	29.25	21.02	50.27	74.00	-23.73	peak
6	17991.000	25.41	25.11	50.52	74.00	-23.48	peak

Test Mode:	802.11ax HE40	Channel:	6125 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



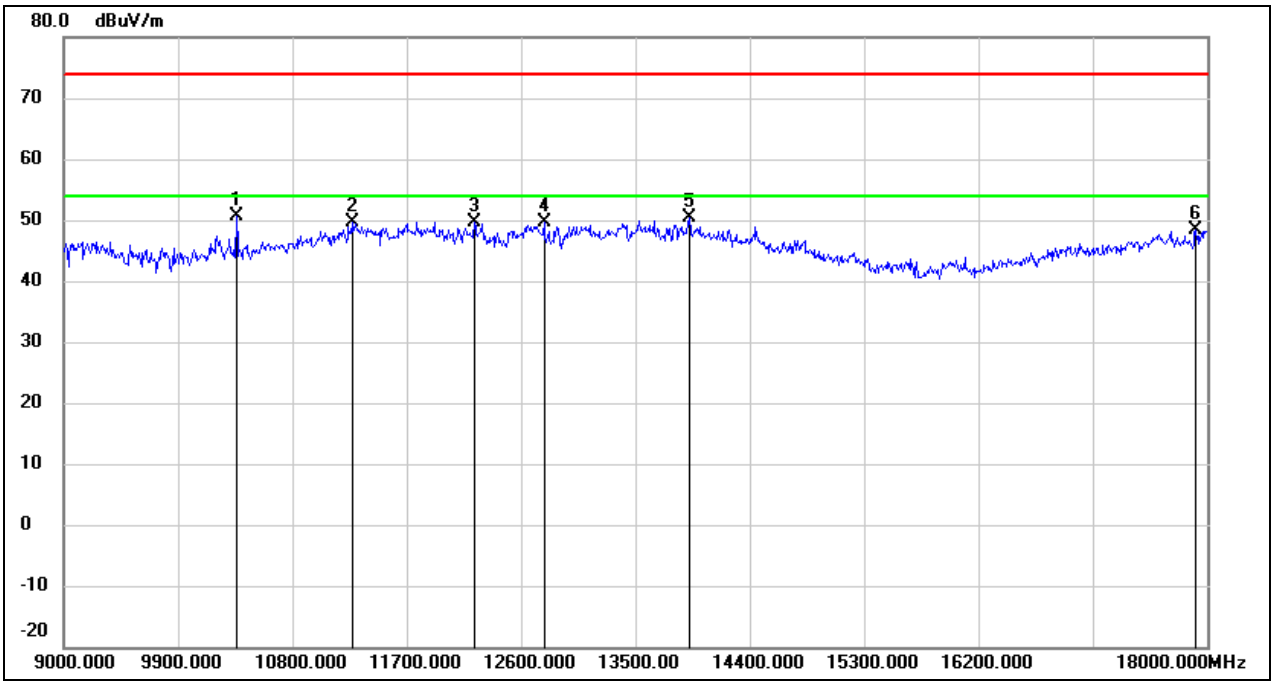
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.00	12.83	48.83	74.00	-25.17	peak
2	10998.000	34.34	14.75	49.09	74.00	-24.91	peak
3	11628.000	33.17	16.88	50.05	74.00	-23.95	peak
4	12717.000	32.23	18.11	50.34	74.00	-23.66	peak
5	13068.000	31.30	19.15	50.45	74.00	-23.55	peak
6	17973.000	24.39	24.99	49.38	74.00	-24.62	peak

Test Mode:	802.11ax HE40	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



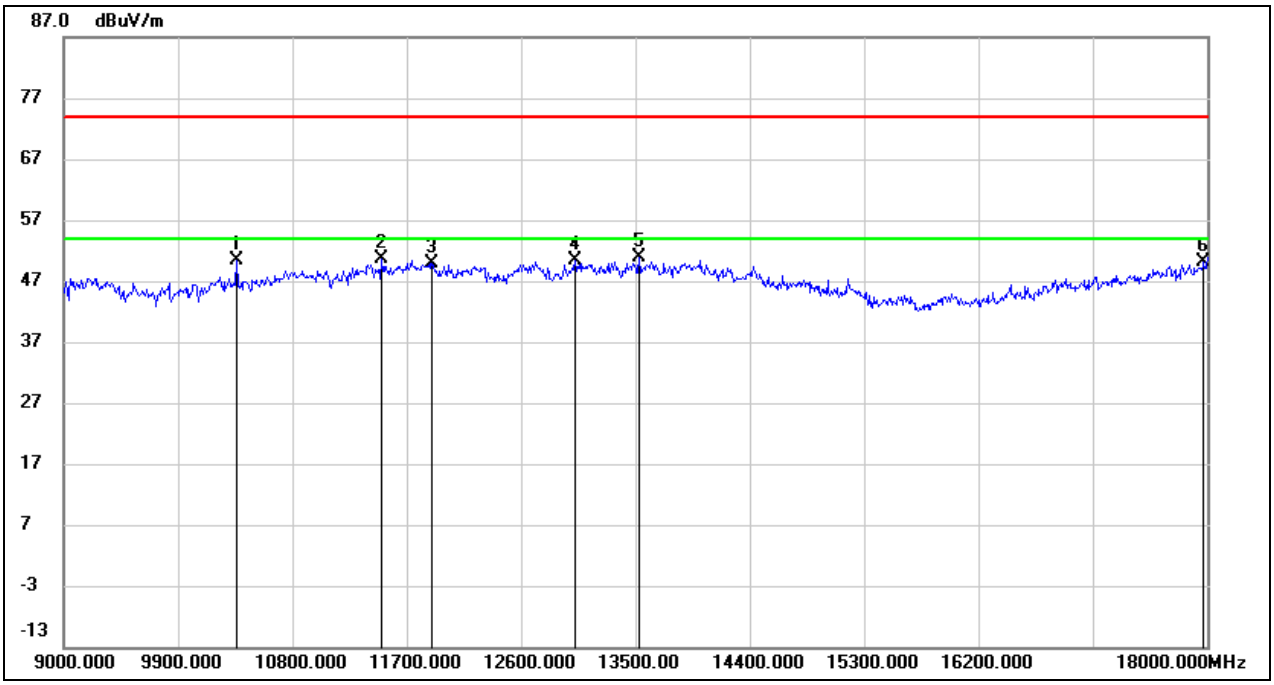
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9063.000	37.34	10.82	48.16	74.00	-25.84	peak
2	10359.000	37.34	12.83	50.17	74.00	-23.83	peak
3	11538.000	33.65	16.63	50.28	74.00	-23.72	peak
4	12663.000	32.11	17.98	50.09	74.00	-23.91	peak
5	13059.000	30.87	19.11	49.98	74.00	-24.02	peak
6	17991.000	25.15	25.11	50.26	74.00	-23.74	peak

Test Mode:	802.11ax HE40	Channel:	6285 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



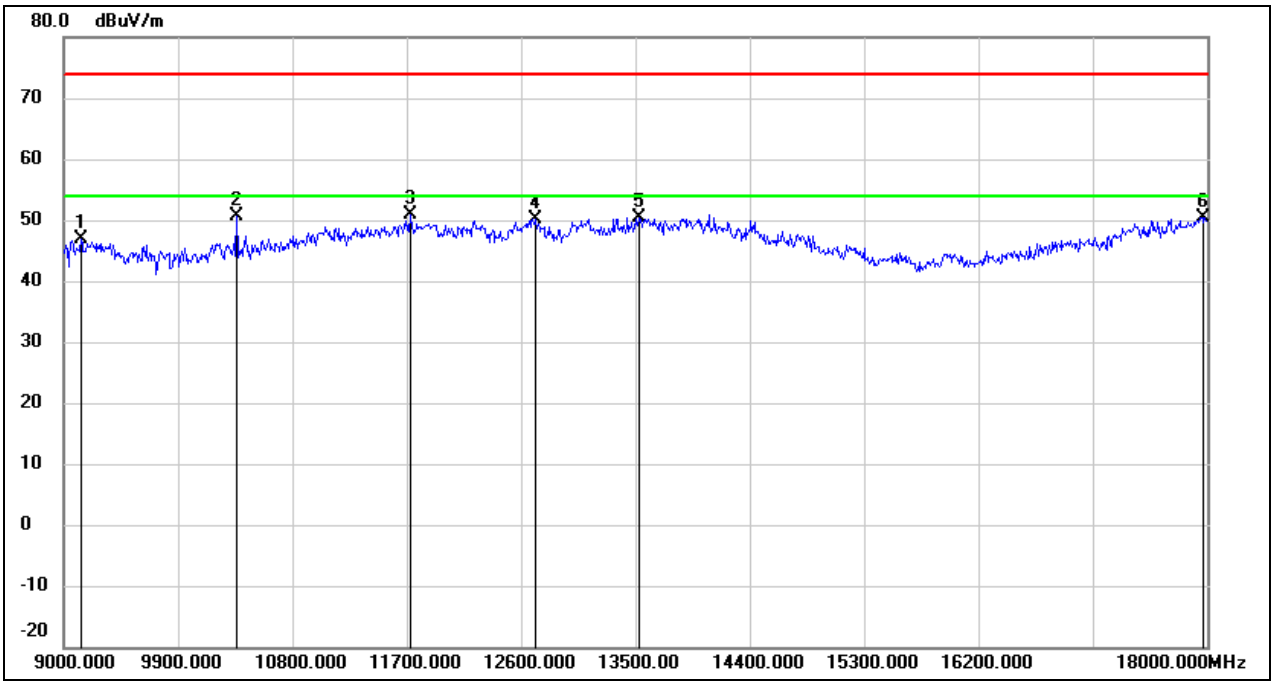
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.69	12.83	50.52	74.00	-23.48	peak
2	11268.000	33.96	15.71	49.67	74.00	-24.33	peak
3	12231.000	31.99	17.73	49.72	74.00	-24.28	peak
4	12780.000	31.34	18.30	49.64	74.00	-24.36	peak
5	13923.000	28.61	21.72	50.33	74.00	-23.67	peak
6	17910.000	23.70	24.59	48.29	74.00	-25.71	peak

Test Mode:	802.11ax HE40	Channel:	6285 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



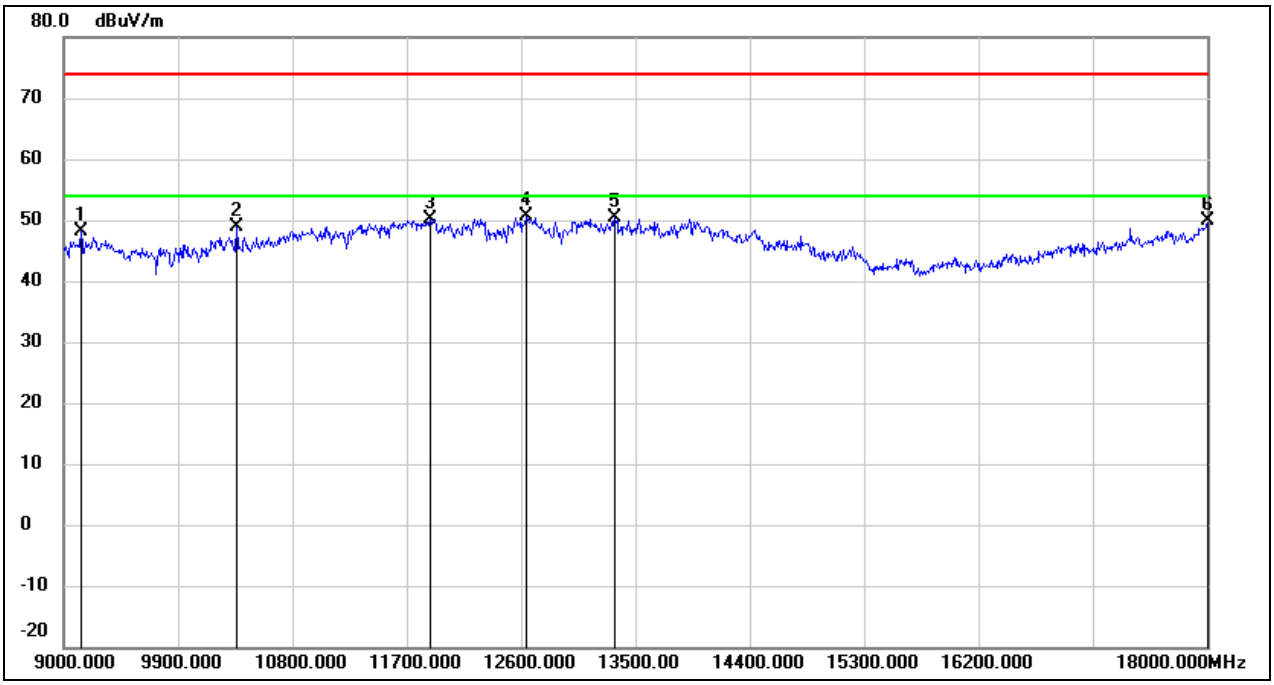
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.45	12.83	50.28	74.00	-23.72	peak
2	11502.000	34.04	16.53	50.57	74.00	-23.43	peak
3	11898.000	32.35	17.63	49.98	74.00	-24.02	peak
4	13023.000	31.42	18.98	50.40	74.00	-23.60	peak
5	13527.000	30.13	20.87	51.00	74.00	-23.00	peak
6	17973.000	25.21	24.99	50.20	74.00	-23.80	peak

Test Mode:	802.11ax HE40	Channel:	6405 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



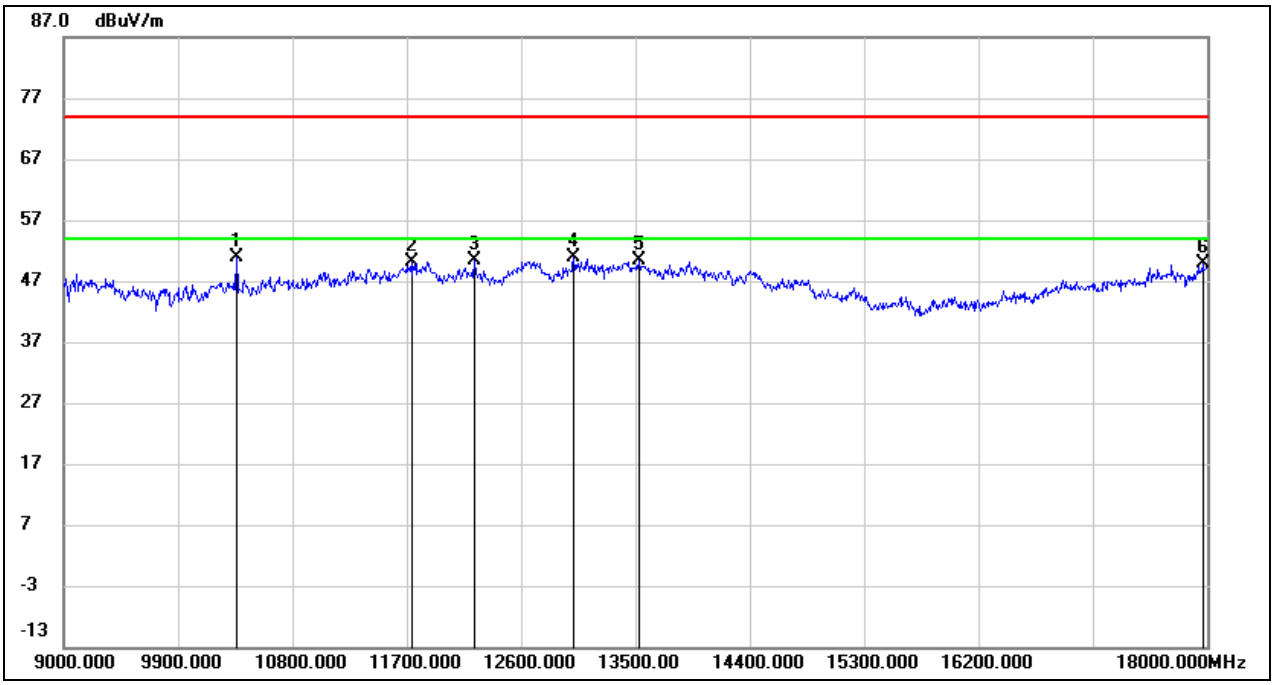
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.04	10.84	46.88	74.00	-27.12	peak
2	10359.000	37.73	12.83	50.56	74.00	-23.44	peak
3	11727.000	33.61	17.16	50.77	74.00	-23.23	peak
4	12717.000	32.10	18.11	50.21	74.00	-23.79	peak
5	13527.000	29.42	20.87	50.29	74.00	-23.71	peak
6	17964.000	25.54	24.92	50.46	74.00	-23.54	peak

Test Mode:	802.11ax HE40	Channel:	6405 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



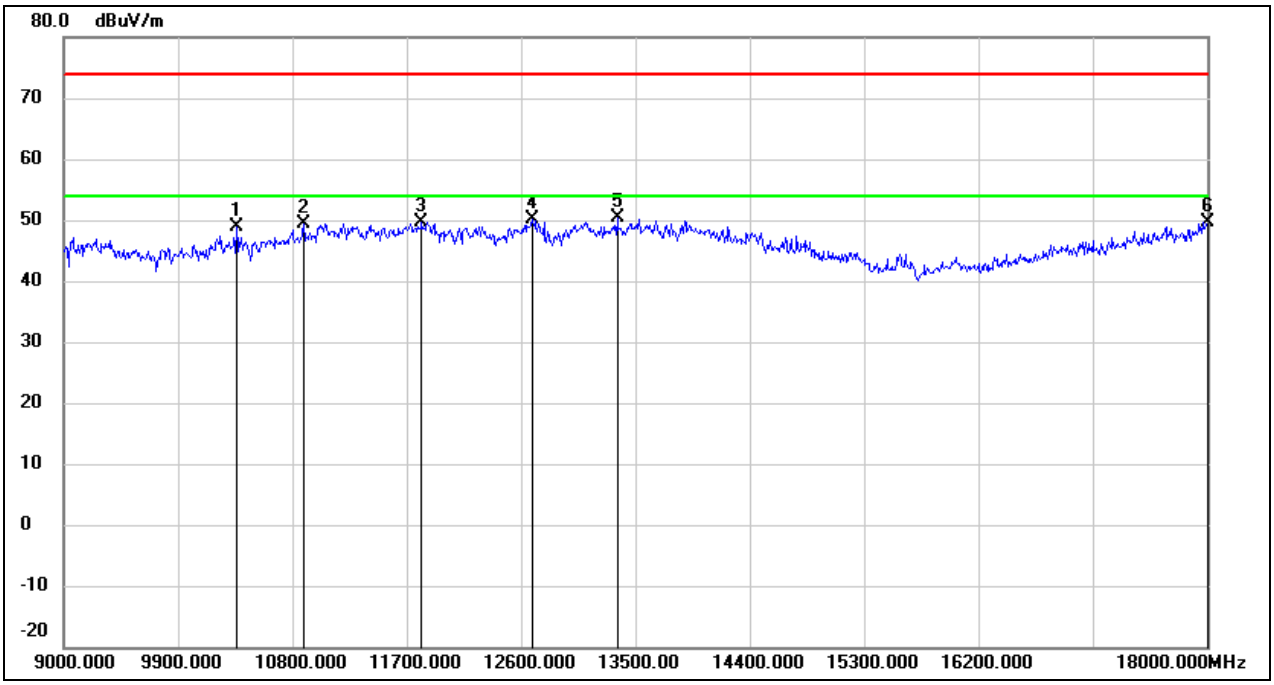
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	37.39	10.84	48.23	74.00	-25.77	peak
2	10359.000	36.03	12.83	48.86	74.00	-25.14	peak
3	11880.000	32.57	17.58	50.15	74.00	-23.85	peak
4	12636.000	32.82	17.90	50.72	74.00	-23.28	peak
5	13338.000	30.14	20.18	50.32	74.00	-23.68	peak
6	18000.000	24.74	25.16	49.90	74.00	-24.10	peak

Test Mode:	802.11ax HE40	Channel:	6765 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



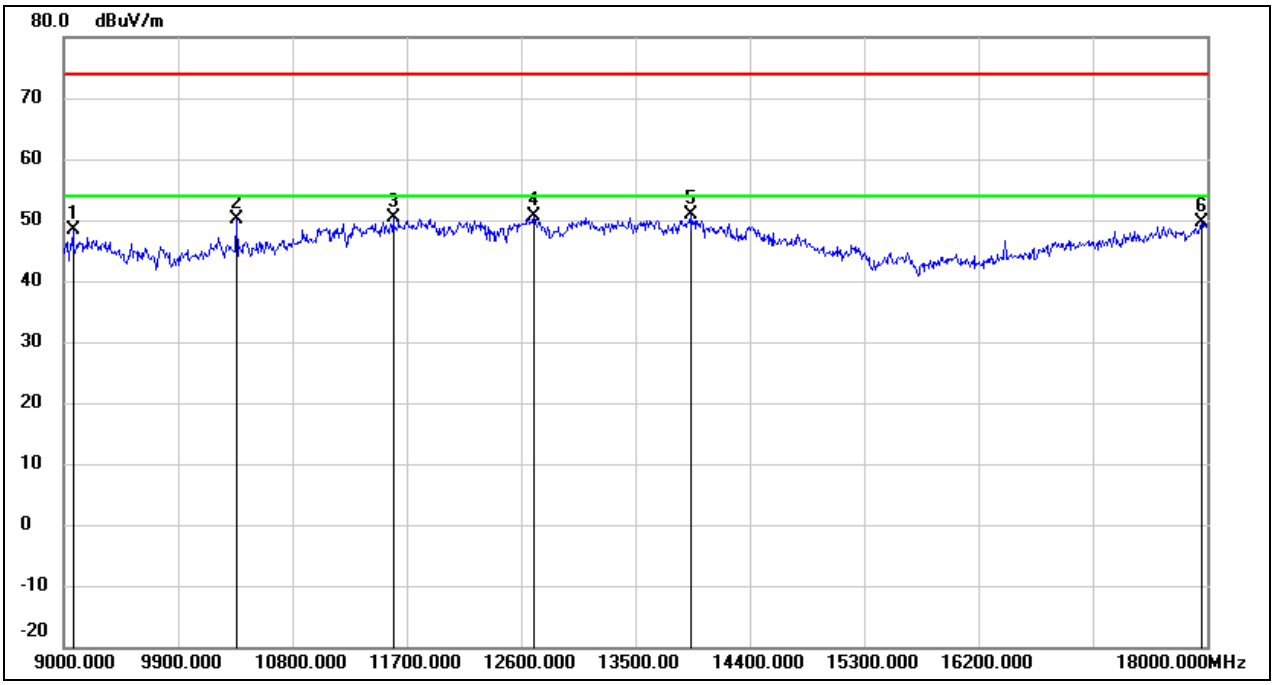
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.93	12.83	50.76	74.00	-23.24	peak
2	11736.000	32.91	17.18	50.09	74.00	-23.91	peak
3	12231.000	32.69	17.73	50.42	74.00	-23.58	peak
4	13014.000	31.87	18.94	50.81	74.00	-23.19	peak
5	13527.000	29.39	20.87	50.26	74.00	-23.74	peak
6	17964.000	24.84	24.92	49.76	74.00	-24.24	peak

Test Mode:	802.11ax HE40	Channel:	6765 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



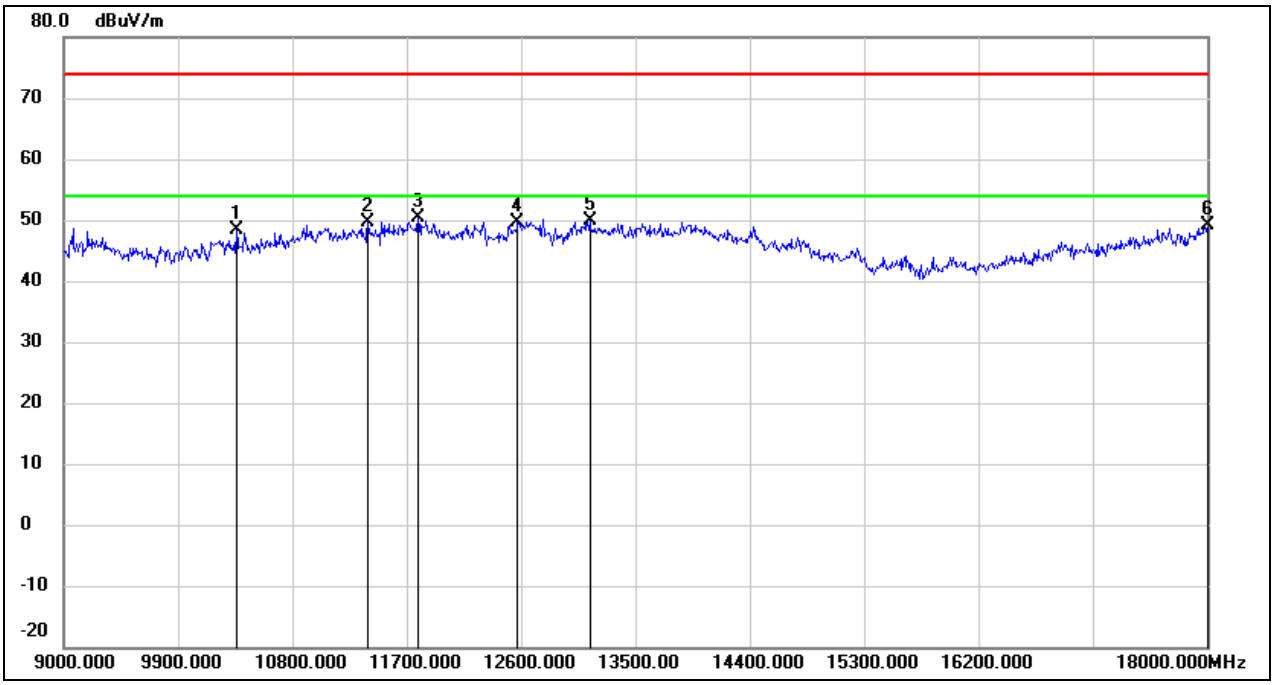
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.95	12.83	48.78	74.00	-25.22	peak
2	10890.000	35.06	14.40	49.46	74.00	-24.54	peak
3	11817.000	32.20	17.40	49.60	74.00	-24.40	peak
4	12690.000	32.04	18.05	50.09	74.00	-23.91	peak
5	13356.000	30.16	20.26	50.42	74.00	-23.58	peak
6	18000.000	24.52	25.16	49.68	74.00	-24.32	peak

Test Mode:	802.11ax HE40	Channel:	6805 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



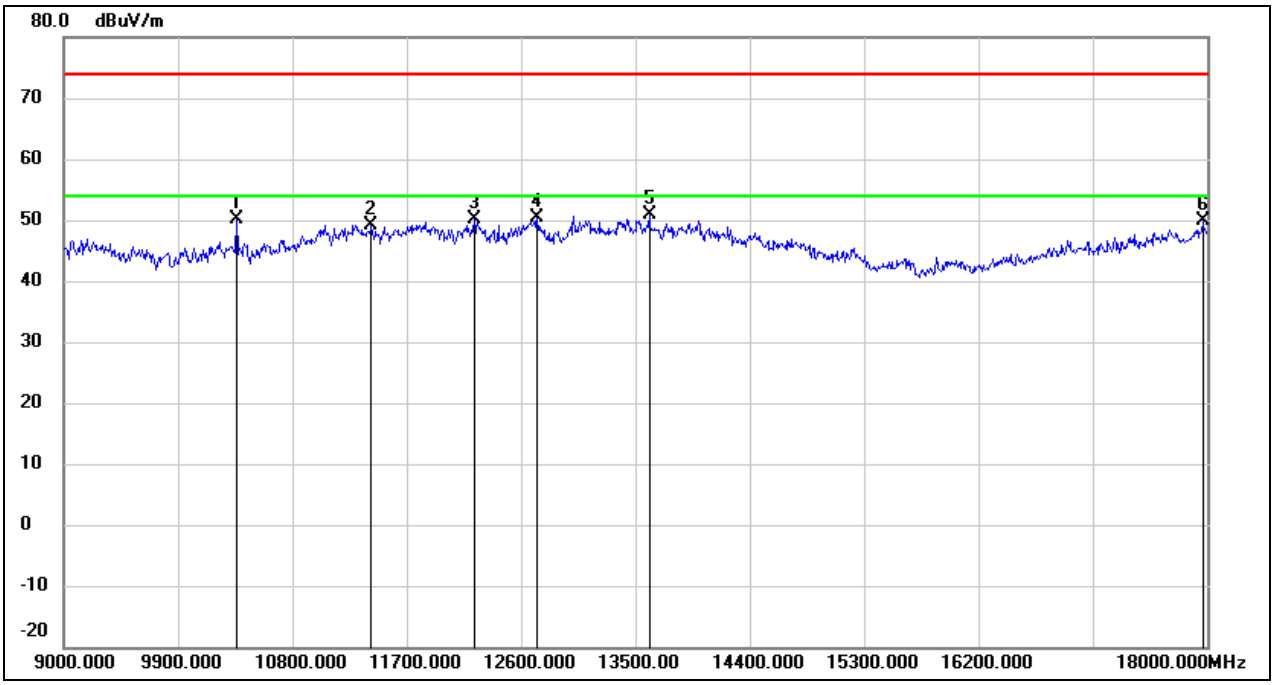
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9072.000	37.66	10.82	48.48	74.00	-25.52	peak
2	10359.000	37.36	12.83	50.19	74.00	-23.81	peak
3	11592.000	33.50	16.78	50.28	74.00	-23.72	peak
4	12699.000	32.65	18.07	50.72	74.00	-23.28	peak
5	13932.000	29.03	21.74	50.77	74.00	-23.23	peak
6	17955.000	24.75	24.87	49.62	74.00	-24.38	peak

Test Mode:	802.11ax HE40	Channel:	6805 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



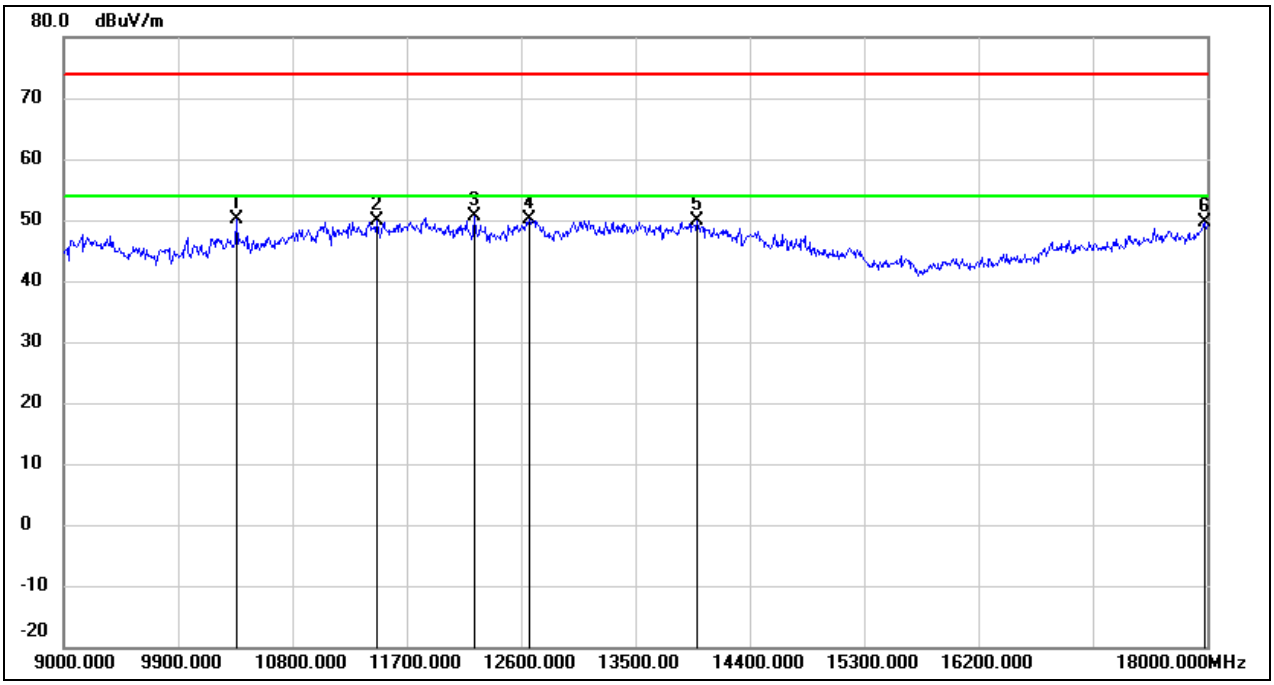
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.51	12.83	48.34	74.00	-25.66	peak
2	11394.000	33.54	16.15	49.69	74.00	-24.31	peak
3	11790.000	33.01	17.33	50.34	74.00	-23.66	peak
4	12573.000	31.96	17.73	49.69	74.00	-24.31	peak
5	13140.000	30.46	19.43	49.89	74.00	-24.11	peak
6	18000.000	23.89	25.16	49.05	74.00	-24.95	peak

Test Mode:	802.11ax HE40	Channel:	6845 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



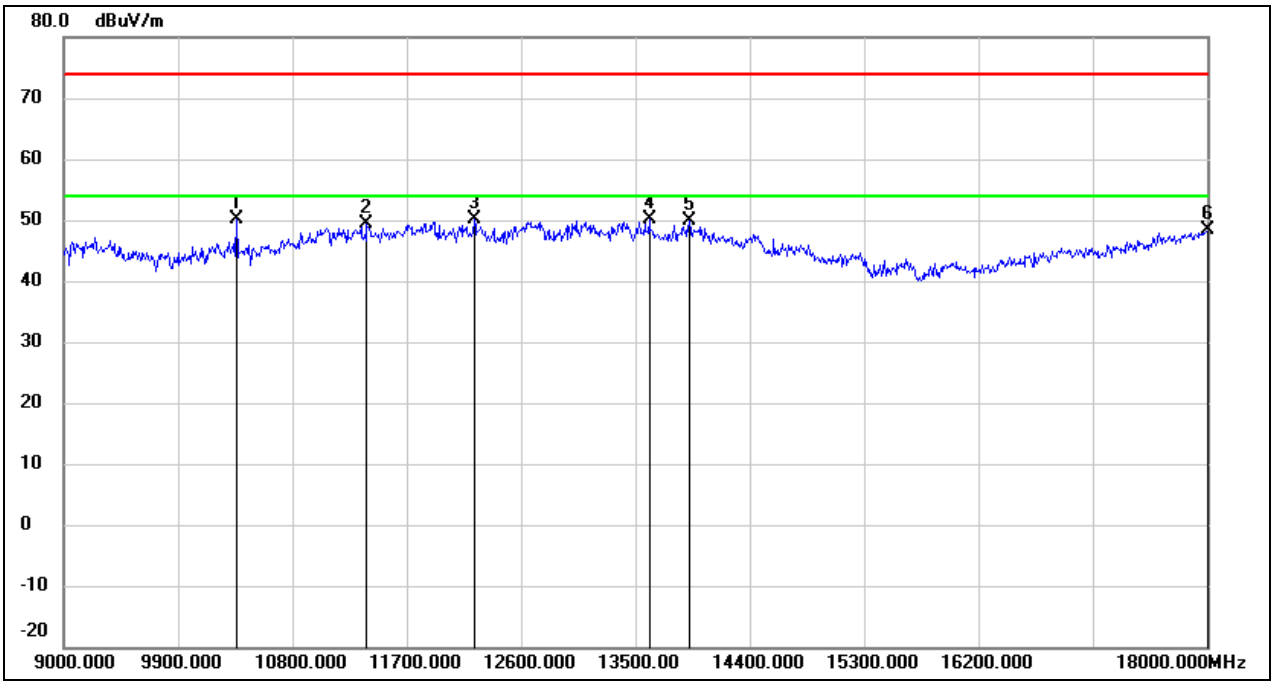
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.23	12.83	50.06	74.00	-23.94	peak
2	11421.000	32.98	16.25	49.23	74.00	-24.77	peak
3	12231.000	32.28	17.73	50.01	74.00	-23.99	peak
4	12726.000	32.26	18.14	50.40	74.00	-23.60	peak
5	13608.000	29.73	21.05	50.78	74.00	-23.22	peak
6	17964.000	25.06	24.92	49.98	74.00	-24.02	peak

Test Mode:	802.11ax HE40	Channel:	6845 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



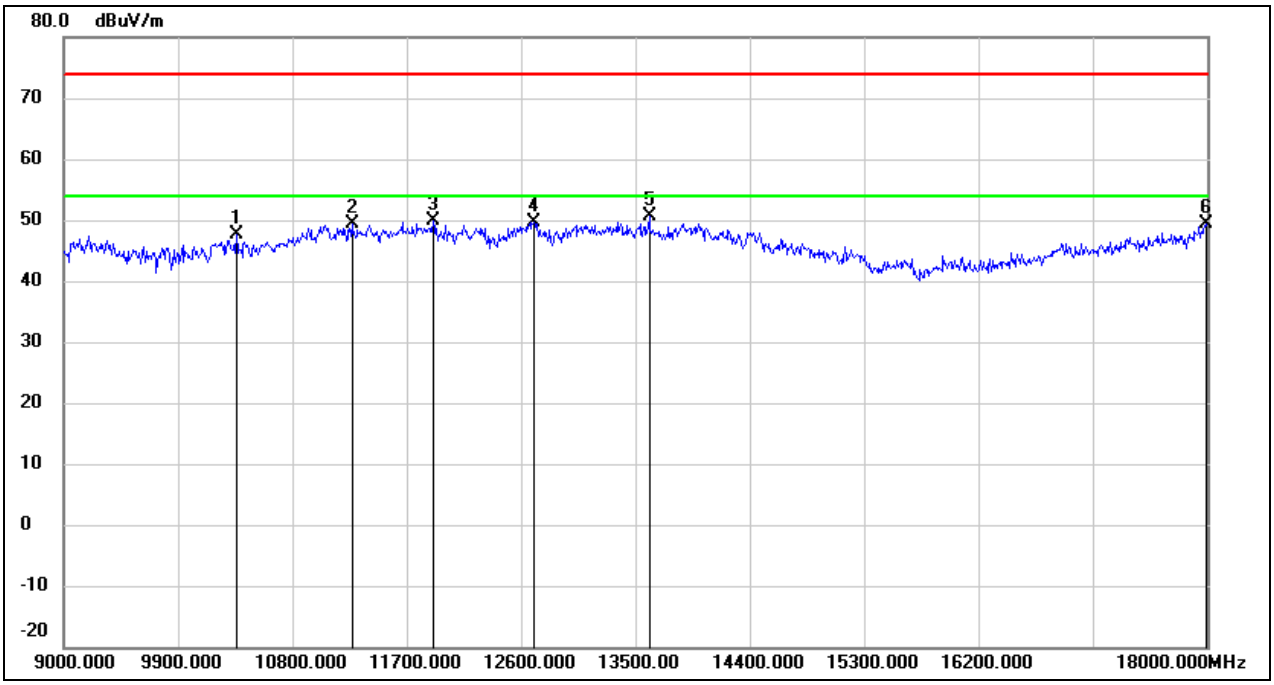
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.23	12.83	50.06	74.00	-23.94	peak
2	11466.000	33.36	16.41	49.77	74.00	-24.23	peak
3	12231.000	32.95	17.73	50.68	74.00	-23.32	peak
4	12663.000	32.18	17.98	50.16	74.00	-23.84	peak
5	13986.000	28.11	21.85	49.96	74.00	-24.04	peak
6	17982.000	24.70	25.04	49.74	74.00	-24.26	peak

Test Mode:	802.11ax HE40	Channel:	6885 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



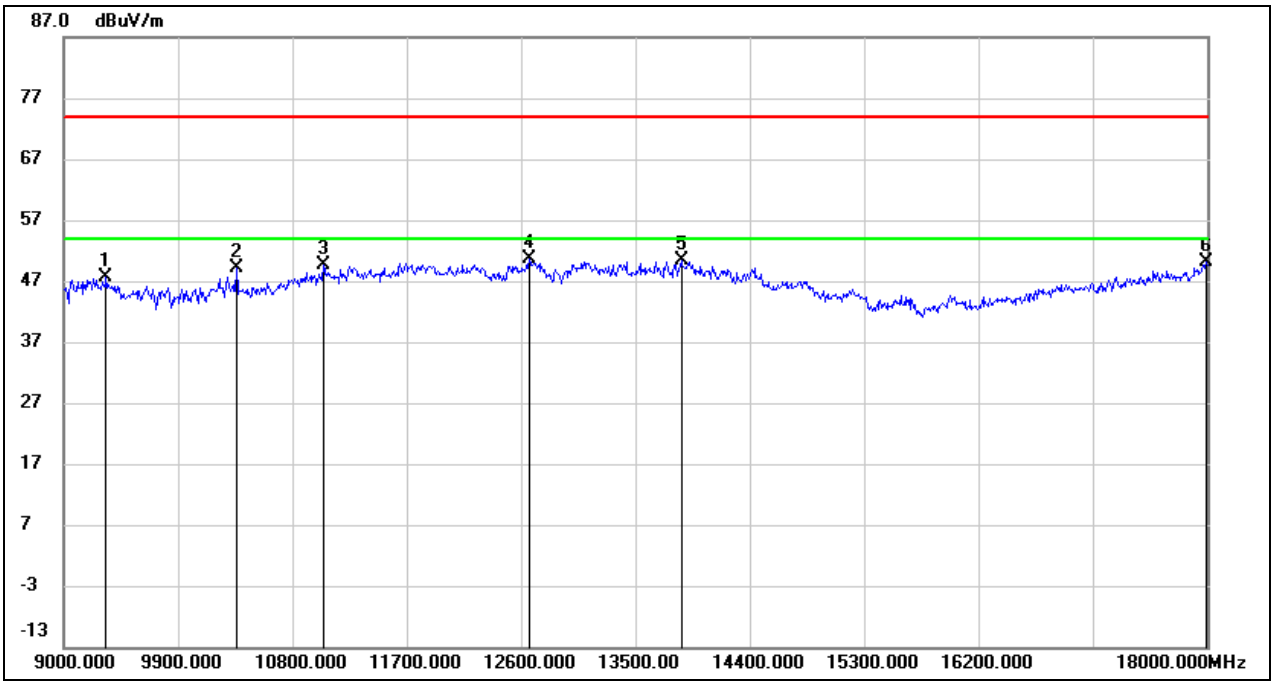
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.32	12.83	50.15	74.00	-23.85	peak
2	11385.000	33.15	16.12	49.27	74.00	-24.73	peak
3	12231.000	32.45	17.73	50.18	74.00	-23.82	peak
4	13608.000	28.97	21.05	50.02	74.00	-23.98	peak
5	13923.000	28.24	21.72	49.96	74.00	-24.04	peak
6	18000.000	23.12	25.16	48.28	74.00	-25.72	peak

Test Mode:	802.11ax HE40	Channel:	6885 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



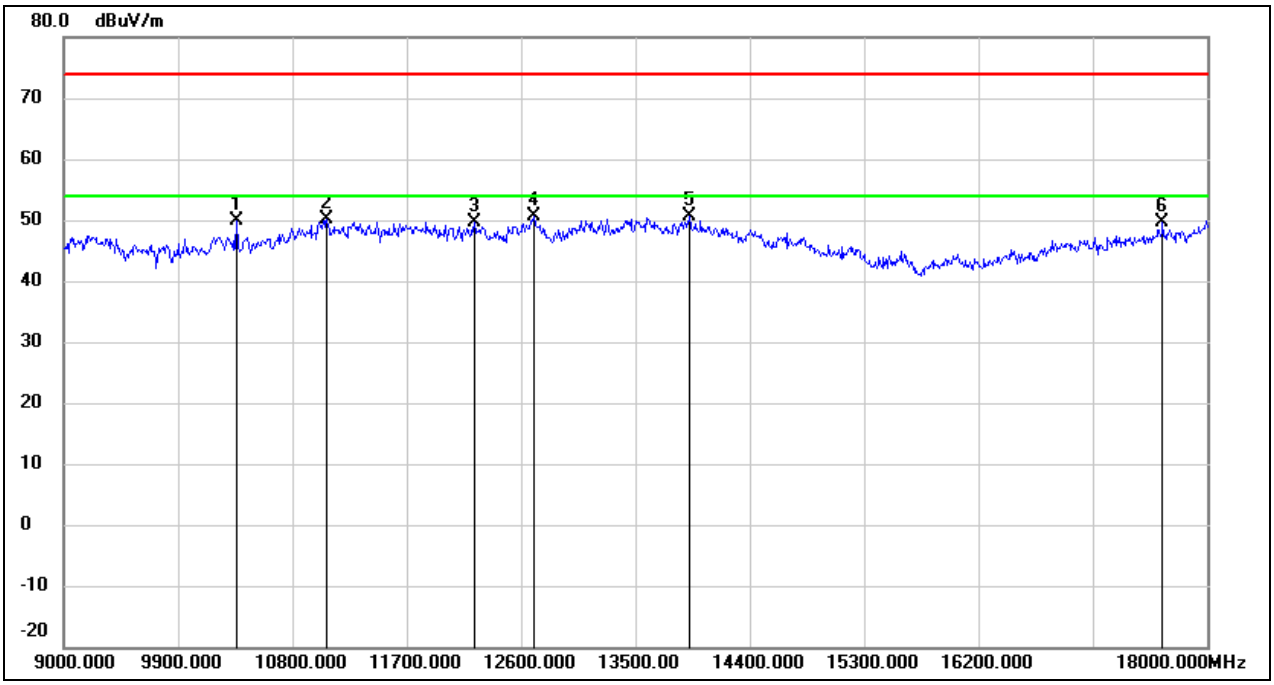
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	34.84	12.83	47.67	74.00	-26.33	peak
2	11268.000	33.70	15.71	49.41	74.00	-24.59	peak
3	11907.000	32.26	17.66	49.92	74.00	-24.08	peak
4	12699.000	31.65	18.07	49.72	74.00	-24.28	peak
5	13608.000	29.50	21.05	50.55	74.00	-23.45	peak
6	17991.000	24.34	25.11	49.45	74.00	-24.55	peak

Test Mode:	802.11ax HE40	Channel:	7005 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



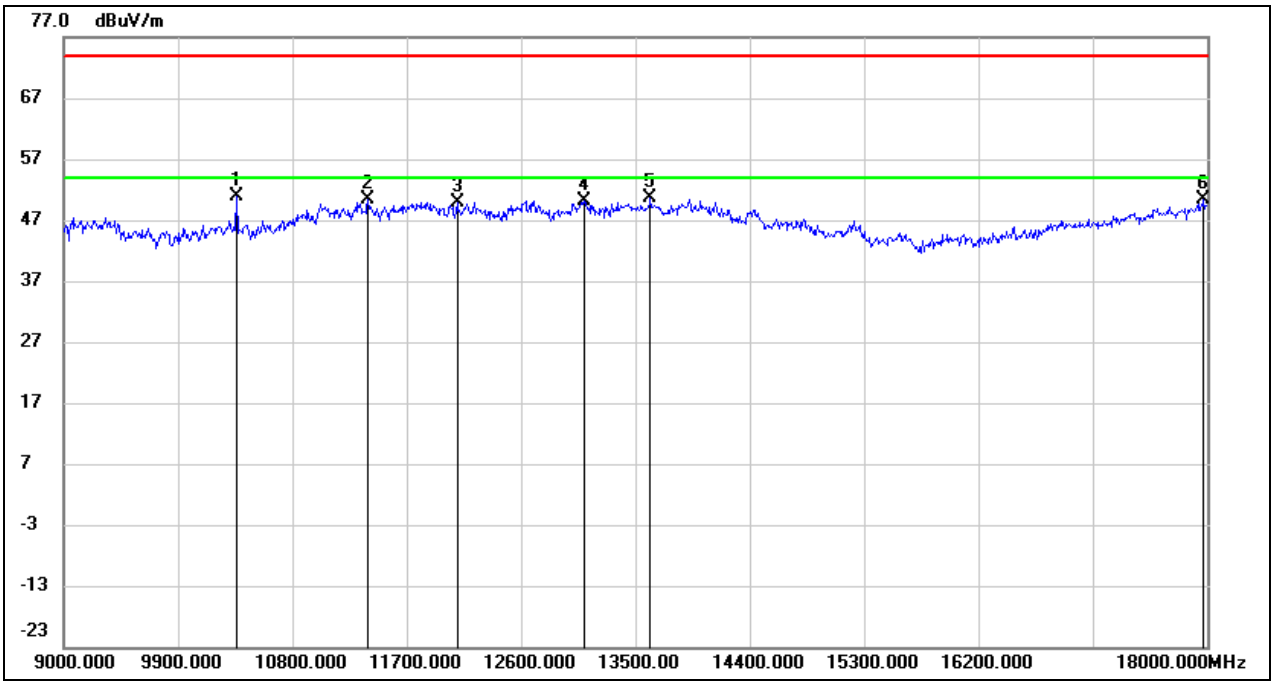
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9333.000	36.68	10.86	47.54	74.00	-26.46	peak
2	10359.000	36.41	12.83	49.24	74.00	-24.76	peak
3	11043.000	34.73	14.90	49.63	74.00	-24.37	peak
4	12663.000	32.61	17.98	50.59	74.00	-23.41	peak
5	13860.000	28.71	21.59	50.30	74.00	-23.70	peak
6	17991.000	24.95	25.11	50.06	74.00	-23.94	peak

Test Mode:	802.11ax HE40	Channel:	7005 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



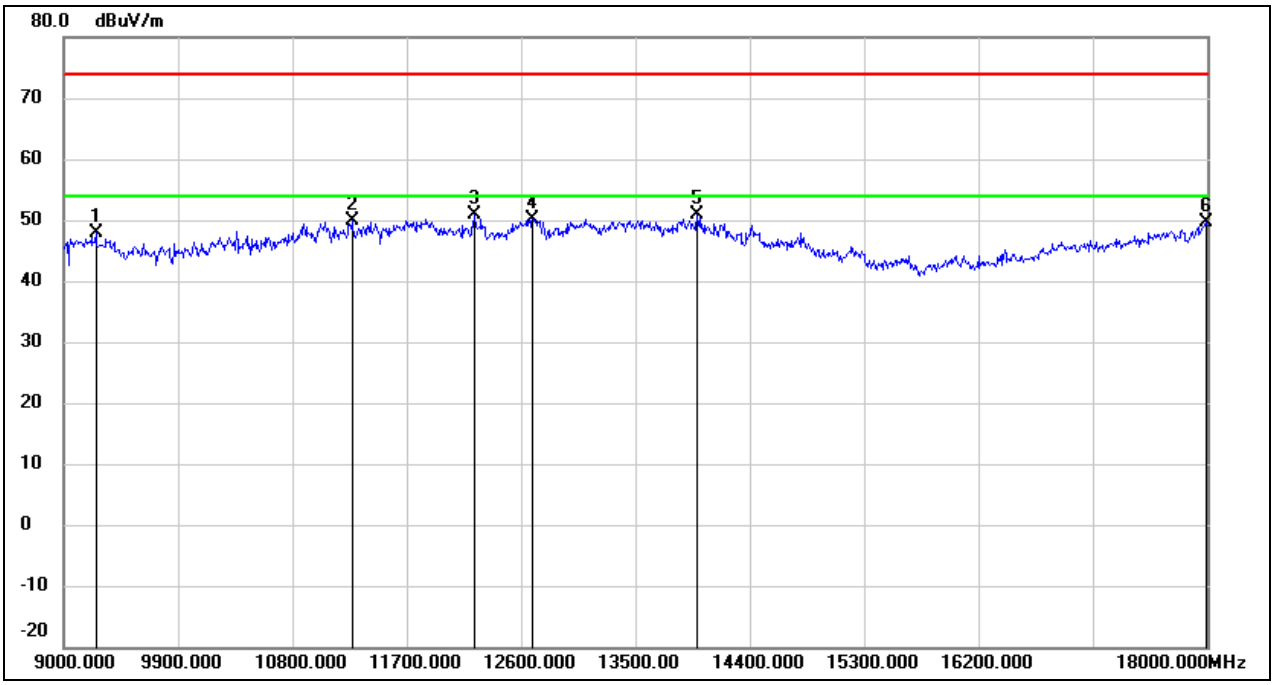
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.02	12.83	49.85	74.00	-24.15	peak
2	11070.000	35.11	15.00	50.11	74.00	-23.89	peak
3	12231.000	31.86	17.73	49.59	74.00	-24.41	peak
4	12699.000	32.46	18.07	50.53	74.00	-23.47	peak
5	13923.000	28.86	21.72	50.58	74.00	-23.42	peak
6	17649.000	26.74	22.91	49.65	74.00	-24.35	peak

Test Mode:	802.11ax HE40	Channel:	7085 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



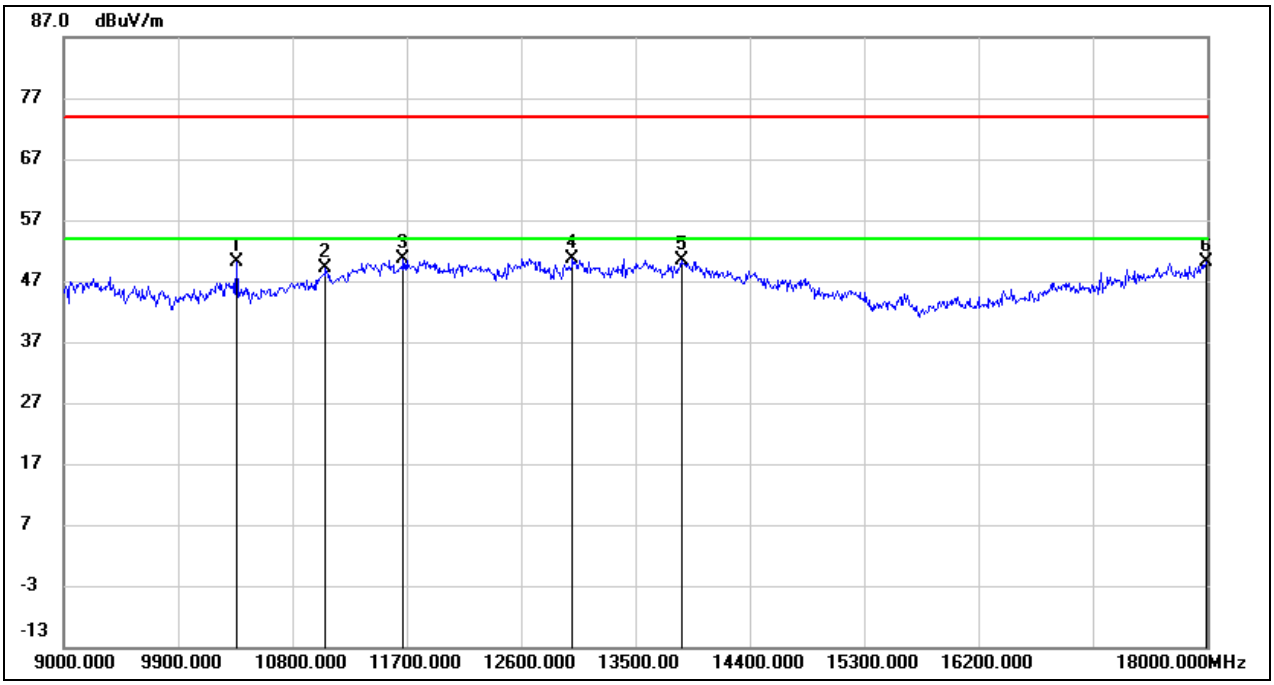
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	38.07	12.83	50.90	74.00	-23.10	peak
2	11394.000	34.27	16.15	50.42	74.00	-23.58	peak
3	12096.000	31.99	17.83	49.82	74.00	-24.18	peak
4	13095.000	30.97	19.26	50.23	74.00	-23.77	peak
5	13617.000	29.46	21.06	50.52	74.00	-23.48	peak
6	17973.000	25.29	24.99	50.28	74.00	-23.72	peak

Test Mode:	802.11ax HE40	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



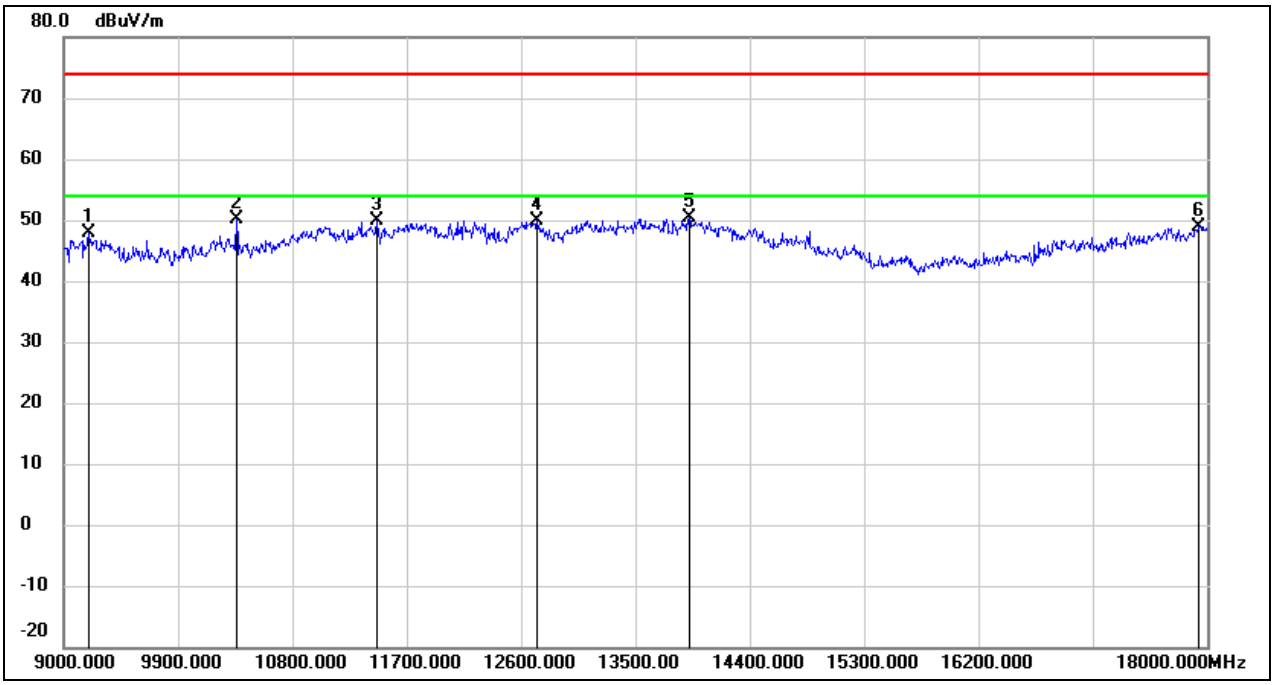
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9252.000	37.09	10.85	47.94	74.00	-26.06	peak
2	11268.000	34.05	15.71	49.76	74.00	-24.24	peak
3	12231.000	33.07	17.73	50.80	74.00	-23.20	peak
4	12690.000	32.11	18.05	50.16	74.00	-23.84	peak
5	13986.000	29.02	21.85	50.87	74.00	-23.13	peak
6	17991.000	24.46	25.11	49.57	74.00	-24.43	peak

Test Mode:	802.11ax HE80	Channel:	6145 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



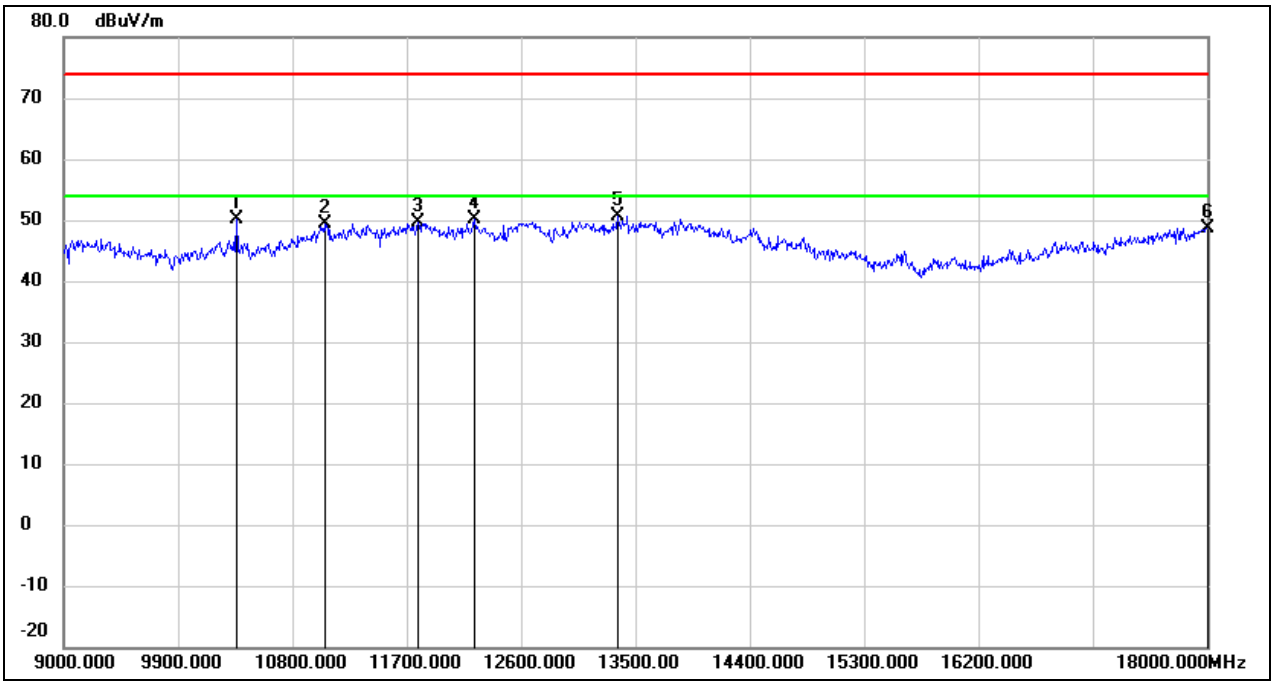
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.28	12.83	50.11	74.00	-23.89	peak
2	11061.000	34.07	14.96	49.03	74.00	-24.97	peak
3	11673.000	33.66	17.00	50.66	74.00	-23.34	peak
4	13005.000	31.73	18.91	50.64	74.00	-23.36	peak
5	13860.000	28.86	21.59	50.45	74.00	-23.55	peak
6	17991.000	25.07	25.11	50.18	74.00	-23.82	peak

Test Mode:	802.11ax HE80	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



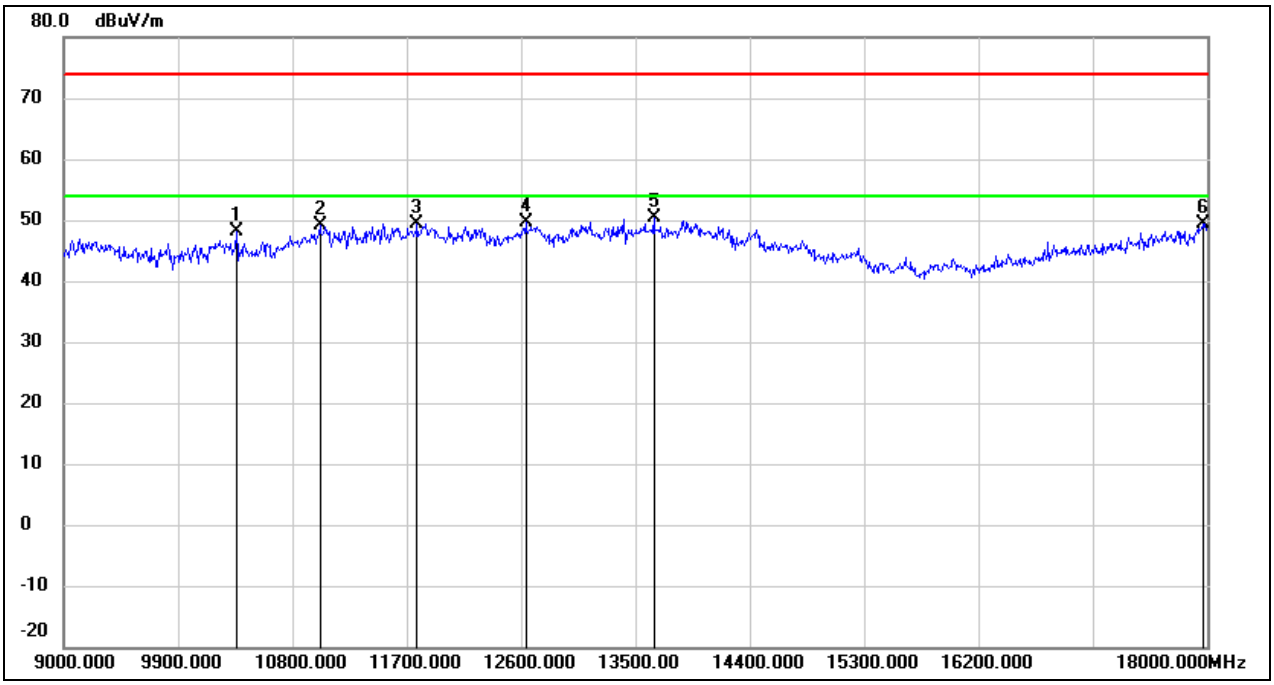
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9198.000	37.06	10.85	47.91	74.00	-26.09	peak
2	10359.000	37.32	12.83	50.15	74.00	-23.85	peak
3	11466.000	33.40	16.41	49.81	74.00	-24.19	peak
4	12726.000	31.78	18.14	49.92	74.00	-24.08	peak
5	13923.000	28.55	21.72	50.27	74.00	-23.73	peak
6	17928.000	24.25	24.70	48.95	74.00	-25.05	peak

Test Mode:	802.11ax HE80	Channel:	6225 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



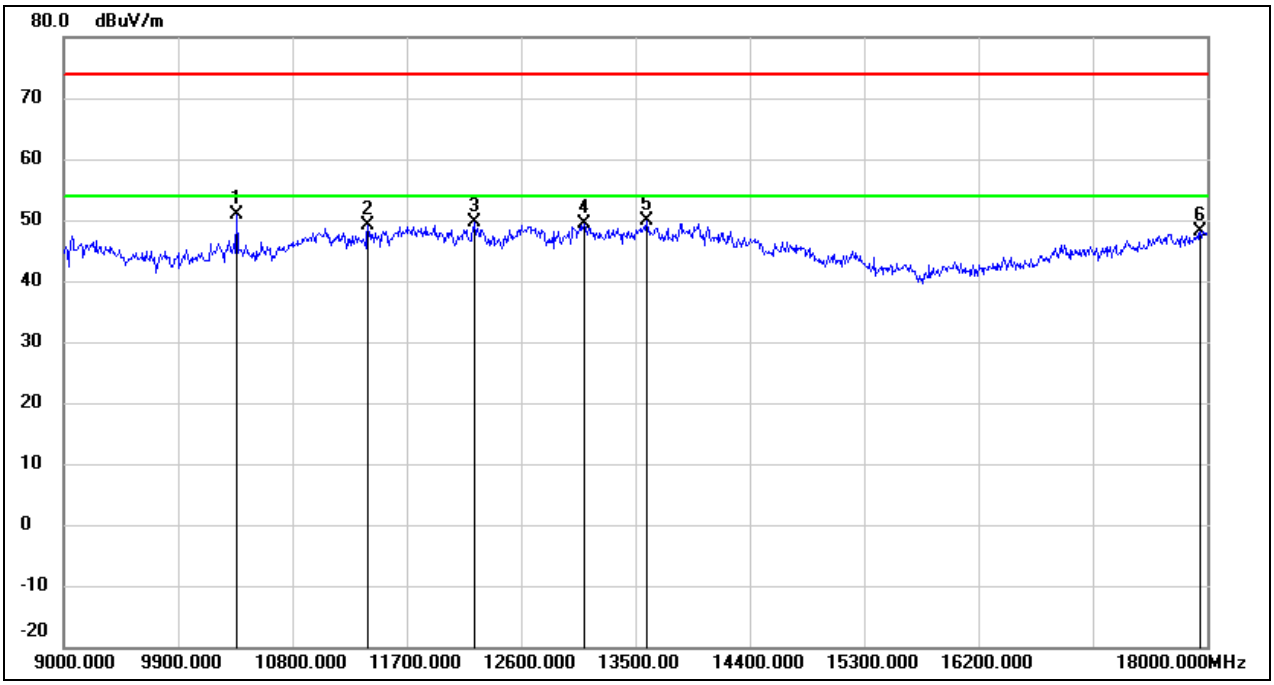
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.35	12.83	50.18	74.00	-23.82	peak
2	11052.000	34.52	14.94	49.46	74.00	-24.54	peak
3	11790.000	32.26	17.33	49.59	74.00	-24.41	peak
4	12231.000	32.32	17.73	50.05	74.00	-23.95	peak
5	13356.000	30.44	20.26	50.70	74.00	-23.30	peak
6	18000.000	23.58	25.16	48.74	74.00	-25.26	peak

Test Mode:	802.11ax HE80	Channel:	6225 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



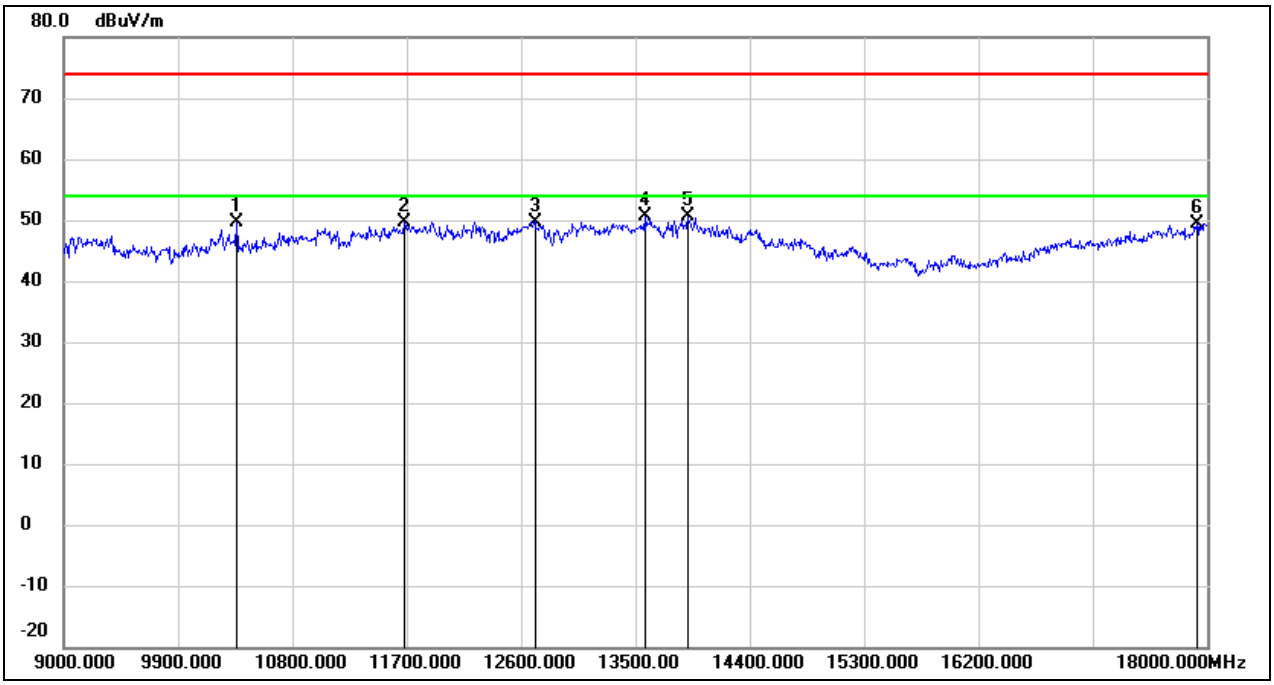
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.29	12.83	48.12	74.00	-25.88	peak
2	11016.000	34.40	14.81	49.21	74.00	-24.79	peak
3	11781.000	32.20	17.30	49.50	74.00	-24.50	peak
4	12636.000	31.80	17.90	49.70	74.00	-24.30	peak
5	13644.000	29.31	21.11	50.42	74.00	-23.58	peak
6	17964.000	24.54	24.92	49.46	74.00	-24.54	peak

Test Mode:	802.11ax HE80	Channel:	6385 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



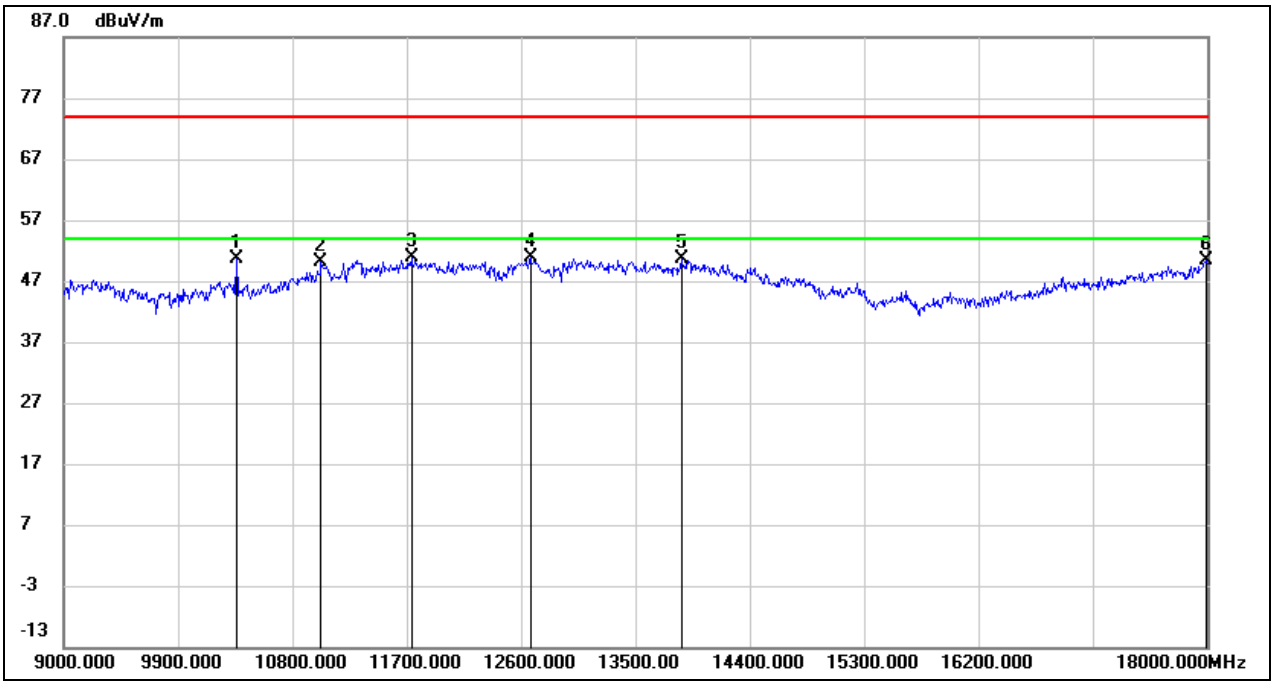
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.93	12.83	50.76	74.00	-23.24	peak
2	11394.000	32.96	16.15	49.11	74.00	-24.89	peak
3	12231.000	31.99	17.73	49.72	74.00	-24.28	peak
4	13095.000	30.01	19.26	49.27	74.00	-24.73	peak
5	13590.000	28.83	21.00	49.83	74.00	-24.17	peak
6	17946.000	23.40	24.82	48.22	74.00	-25.78	peak

Test Mode:	802.11ax HE80	Channel:	6385 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



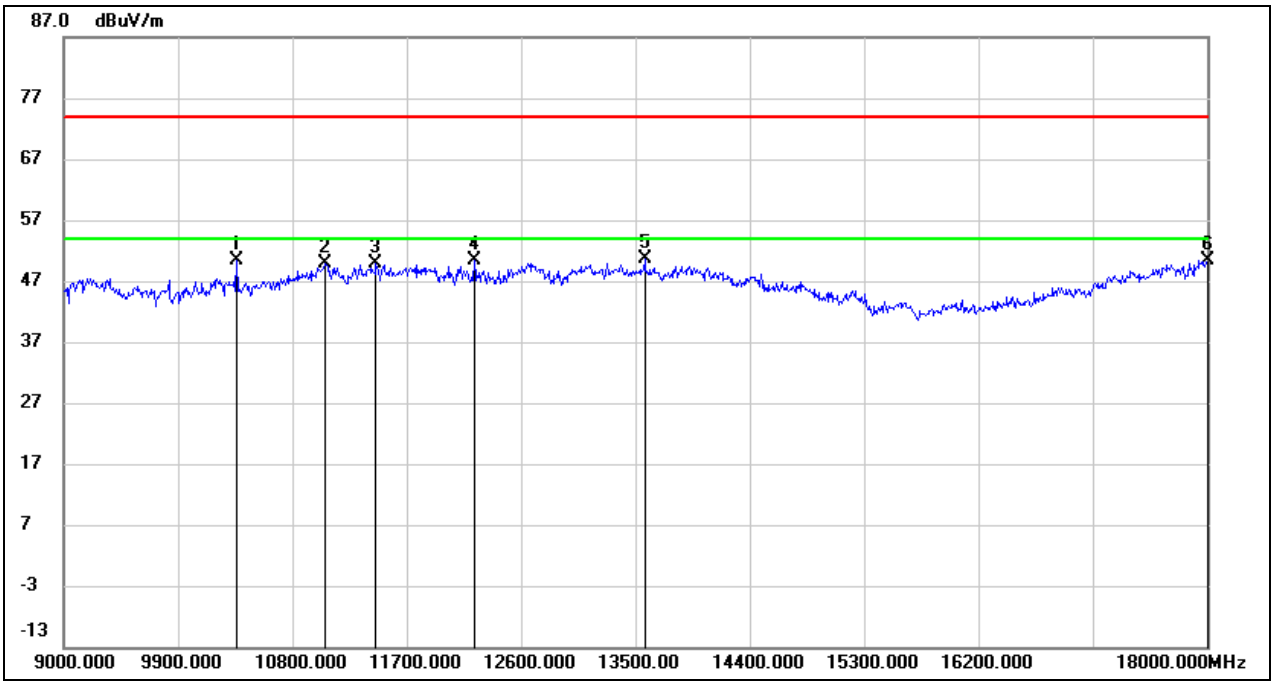
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.69	12.83	49.52	74.00	-24.48	peak
2	11682.000	32.55	17.04	49.59	74.00	-24.41	peak
3	12708.000	31.65	18.10	49.75	74.00	-24.25	peak
4	13572.000	29.72	20.96	50.68	74.00	-23.32	peak
5	13914.000	28.85	21.69	50.54	74.00	-23.46	peak
6	17919.000	24.83	24.64	49.47	74.00	-24.53	peak

Test Mode:	802.11ax HE80	Channel:	6785 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



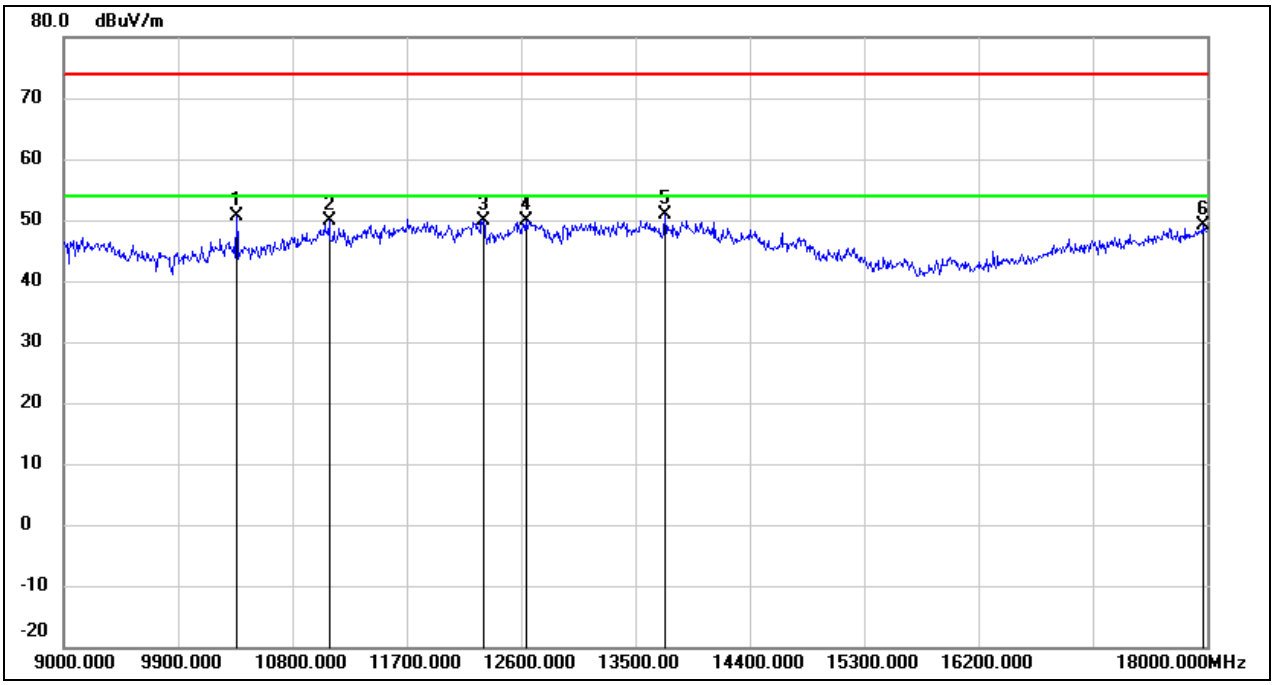
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.88	12.83	50.71	74.00	-23.29	peak
2	11025.000	35.18	14.83	50.01	74.00	-23.99	peak
3	11736.000	33.58	17.18	50.76	74.00	-23.24	peak
4	12672.000	32.79	18.00	50.79	74.00	-23.21	peak
5	13860.000	29.02	21.59	50.61	74.00	-23.39	peak
6	17991.000	25.27	25.11	50.38	74.00	-23.62	peak

Test Mode:	802.11ax HE80	Channel:	6785 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



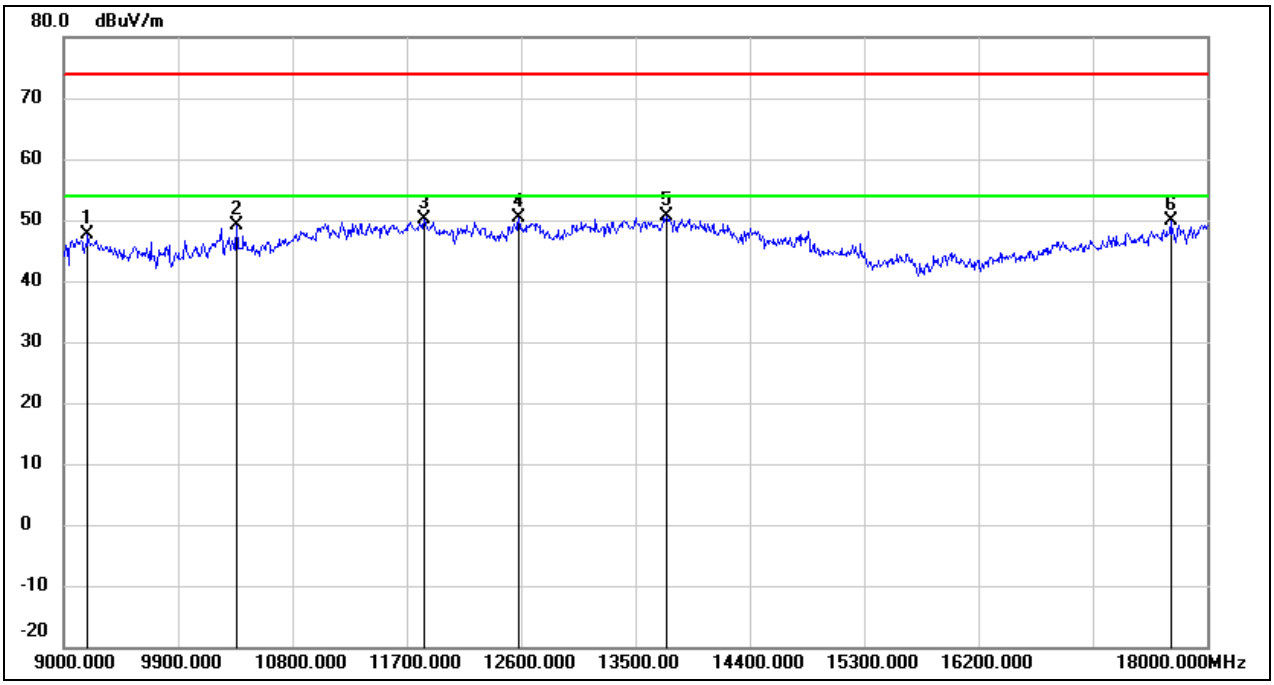
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.47	12.83	50.30	74.00	-23.70	peak
2	11052.000	35.04	14.94	49.98	74.00	-24.02	peak
3	11457.000	33.49	16.38	49.87	74.00	-24.13	peak
4	12231.000	32.65	17.73	50.38	74.00	-23.62	peak
5	13572.000	29.79	20.96	50.75	74.00	-23.25	peak
6	18000.000	25.20	25.16	50.36	74.00	-23.64	peak

Test Mode:	802.11ax HE80	Channel:	6865 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



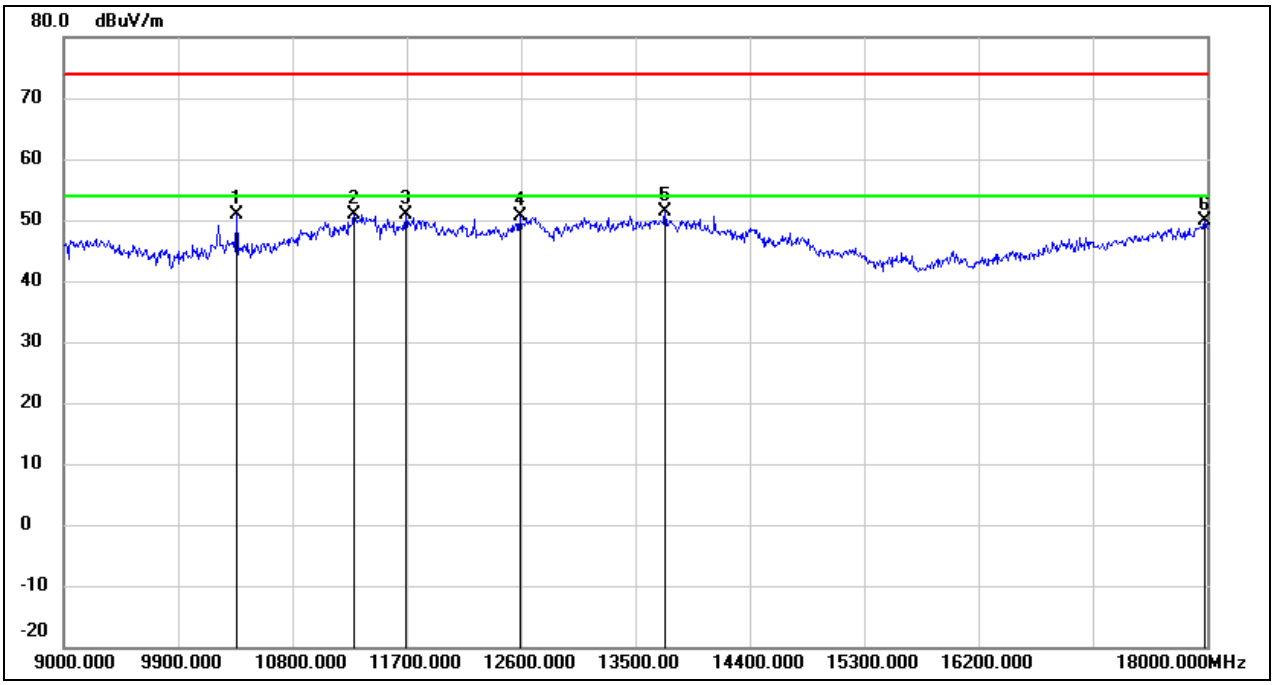
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.74	12.83	50.57	74.00	-23.43	peak
2	11088.000	34.88	15.06	49.94	74.00	-24.06	peak
3	12303.000	32.13	17.68	49.81	74.00	-24.19	peak
4	12636.000	32.09	17.90	49.99	74.00	-24.01	peak
5	13734.000	29.59	21.31	50.90	74.00	-23.10	peak
6	17964.000	24.21	24.92	49.13	74.00	-24.87	peak

Test Mode:	802.11ax HE80	Channel:	6865 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



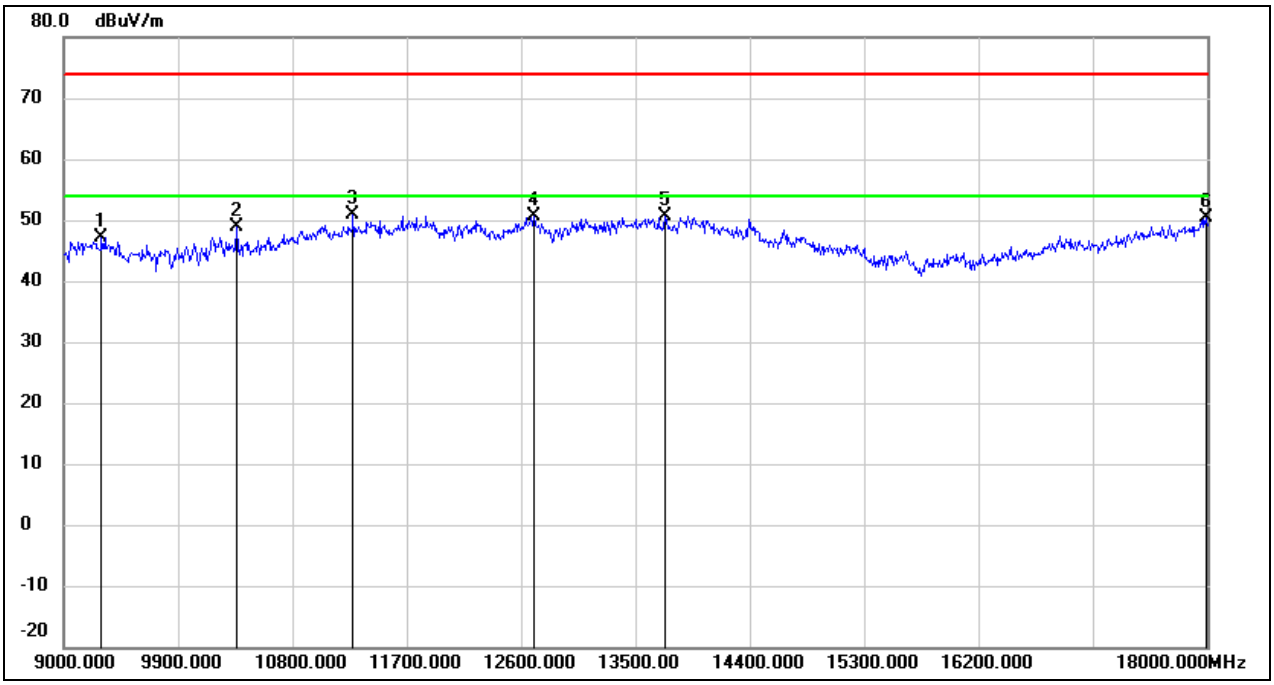
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.80	10.84	47.64	74.00	-26.36	peak
2	10359.000	36.20	12.83	49.03	74.00	-24.97	peak
3	11835.000	32.64	17.46	50.10	74.00	-23.90	peak
4	12582.000	32.57	17.76	50.33	74.00	-23.67	peak
5	13743.000	29.21	21.33	50.54	74.00	-23.46	peak
6	17712.000	26.60	23.32	49.92	74.00	-24.08	peak

Test Mode:	802.11ax HE80	Channel:	6945 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



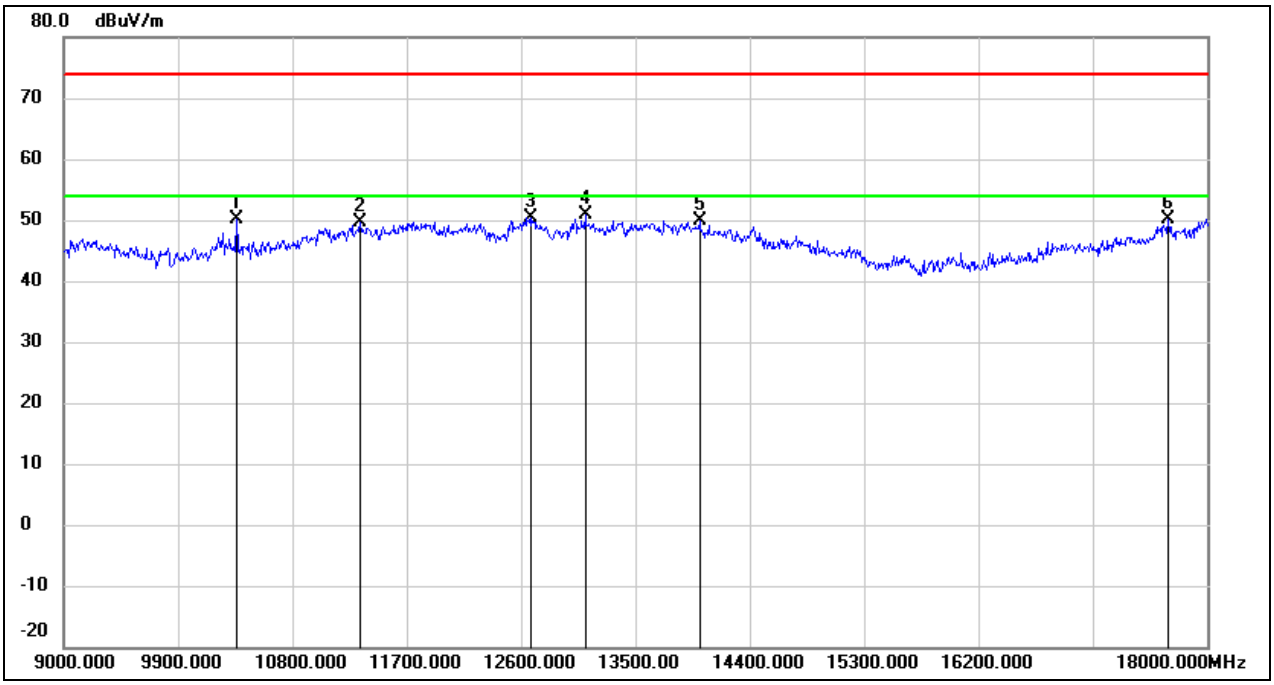
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.94	12.83	50.77	74.00	-23.23	peak
2	11286.000	35.20	15.77	50.97	74.00	-23.03	peak
3	11691.000	33.85	17.05	50.90	74.00	-23.10	peak
4	12591.000	32.85	17.78	50.63	74.00	-23.37	peak
5	13734.000	29.98	21.31	51.29	74.00	-22.71	peak
6	17982.000	24.94	25.04	49.98	74.00	-24.02	peak

Test Mode:	802.11ax HE80	Channel:	6945 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



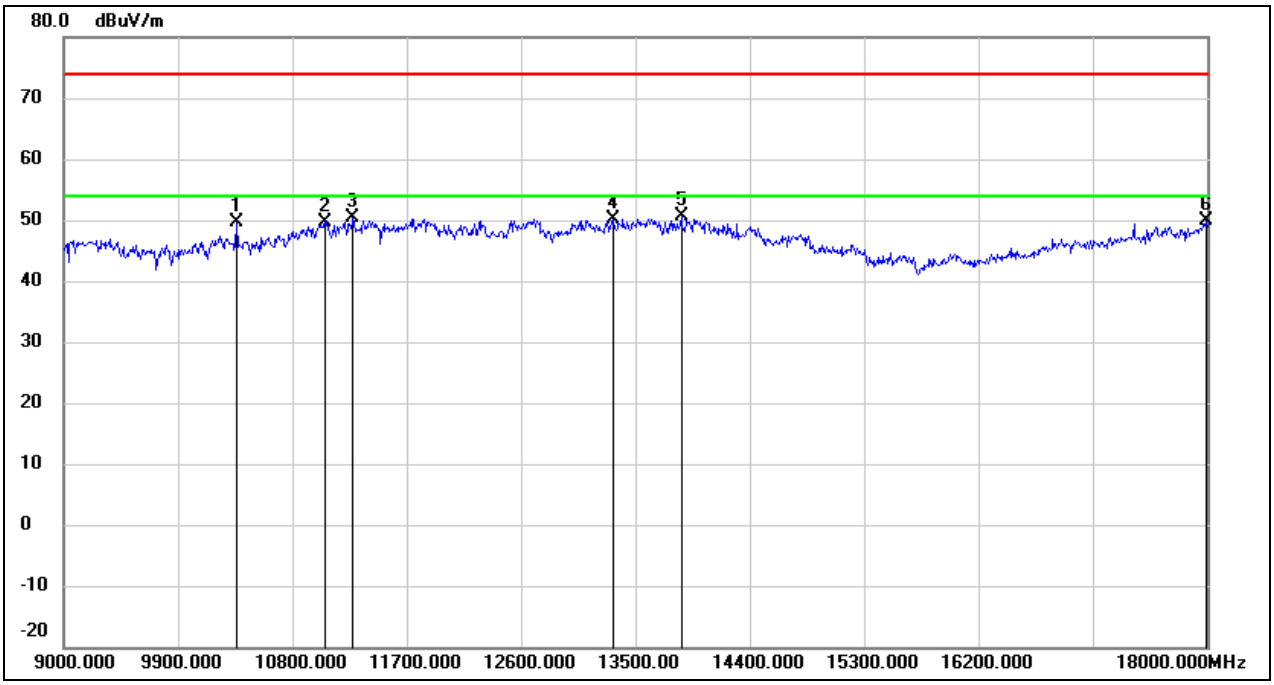
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9297.000	36.28	10.87	47.15	74.00	-26.85	peak
2	10359.000	36.00	12.83	48.83	74.00	-25.17	peak
3	11277.000	35.12	15.73	50.85	74.00	-23.15	peak
4	12699.000	32.66	18.07	50.73	74.00	-23.27	peak
5	13734.000	29.37	21.31	50.68	74.00	-23.32	peak
6	17991.000	25.33	25.11	50.44	74.00	-23.56	peak

Test Mode:	802.11ax HE80	Channel:	7025 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



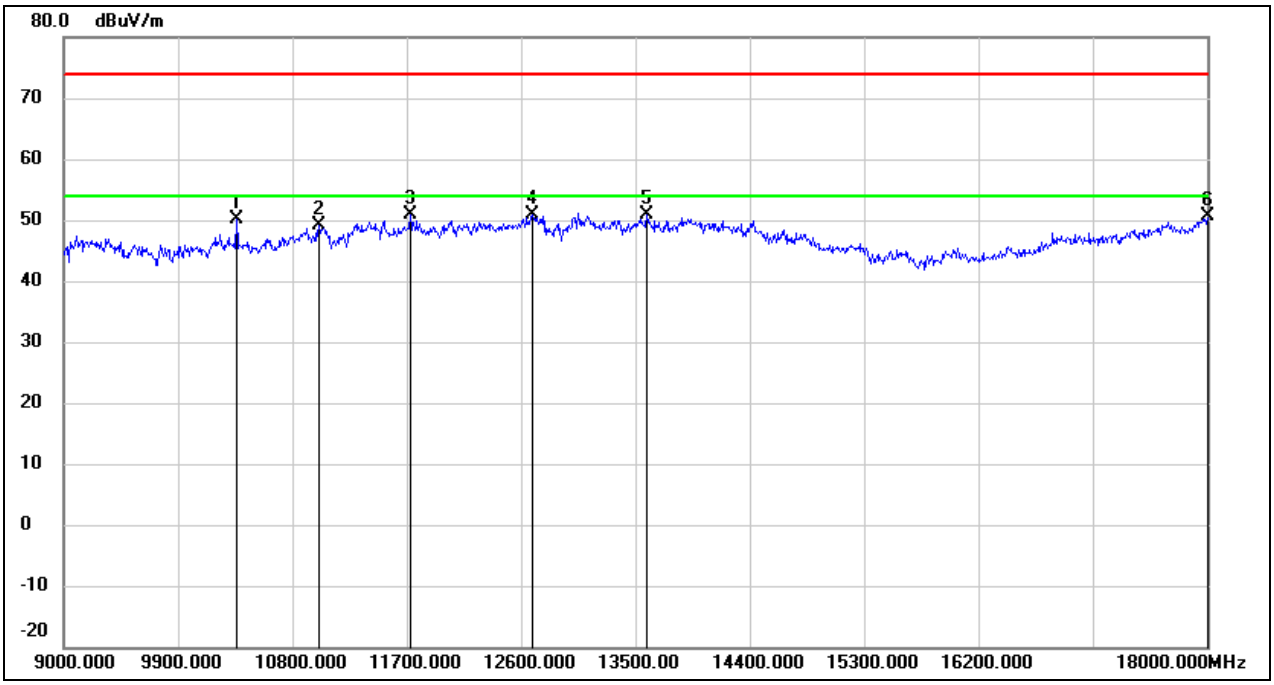
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.32	12.83	50.15	74.00	-23.85	peak
2	11331.000	33.68	15.93	49.61	74.00	-24.39	peak
3	12681.000	32.38	18.03	50.41	74.00	-23.59	peak
4	13104.000	31.49	19.29	50.78	74.00	-23.22	peak
5	14004.000	28.07	21.86	49.93	74.00	-24.07	peak
6	17694.000	26.86	23.20	50.06	74.00	-23.94	peak

Test Mode:	802.11ax HE80	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



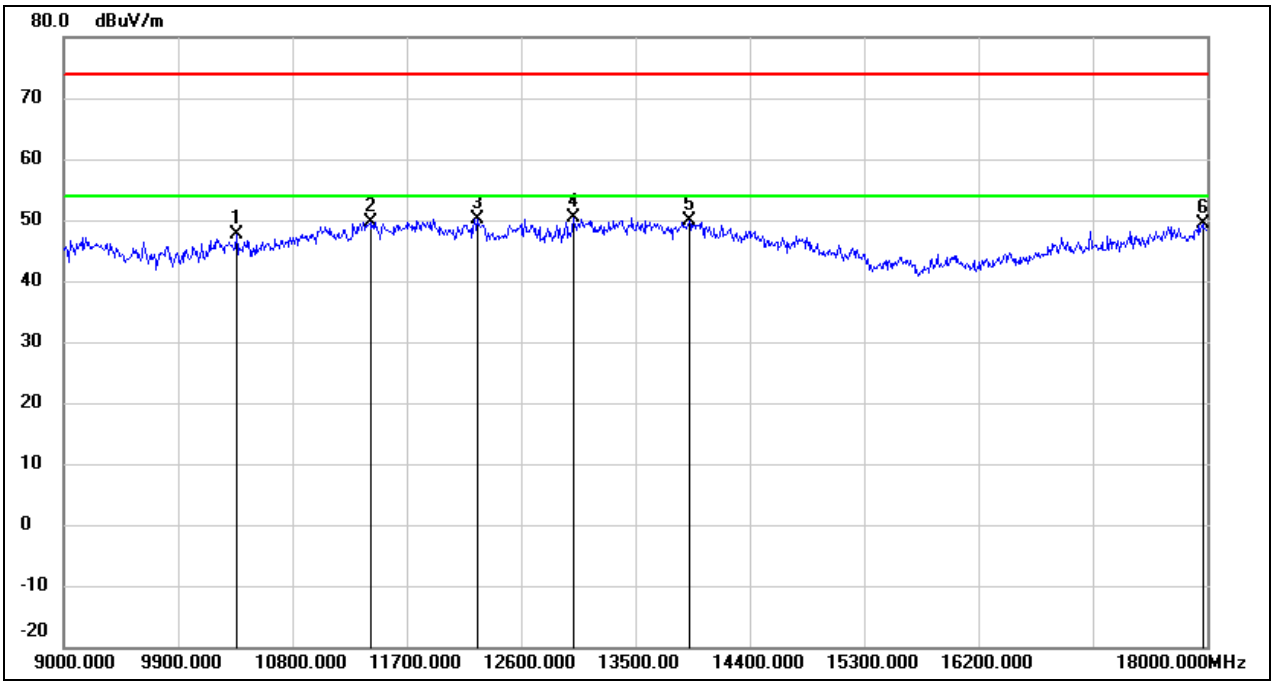
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.80	12.83	49.63	74.00	-24.37	peak
2	11052.000	34.81	14.94	49.75	74.00	-24.25	peak
3	11277.000	34.53	15.73	50.26	74.00	-23.74	peak
4	13329.000	30.07	20.15	50.22	74.00	-23.78	peak
5	13860.000	28.94	21.59	50.53	74.00	-23.47	peak
6	17991.000	24.68	25.11	49.79	74.00	-24.21	peak

Test Mode:	802.11ax HE160	Channel:	6185 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



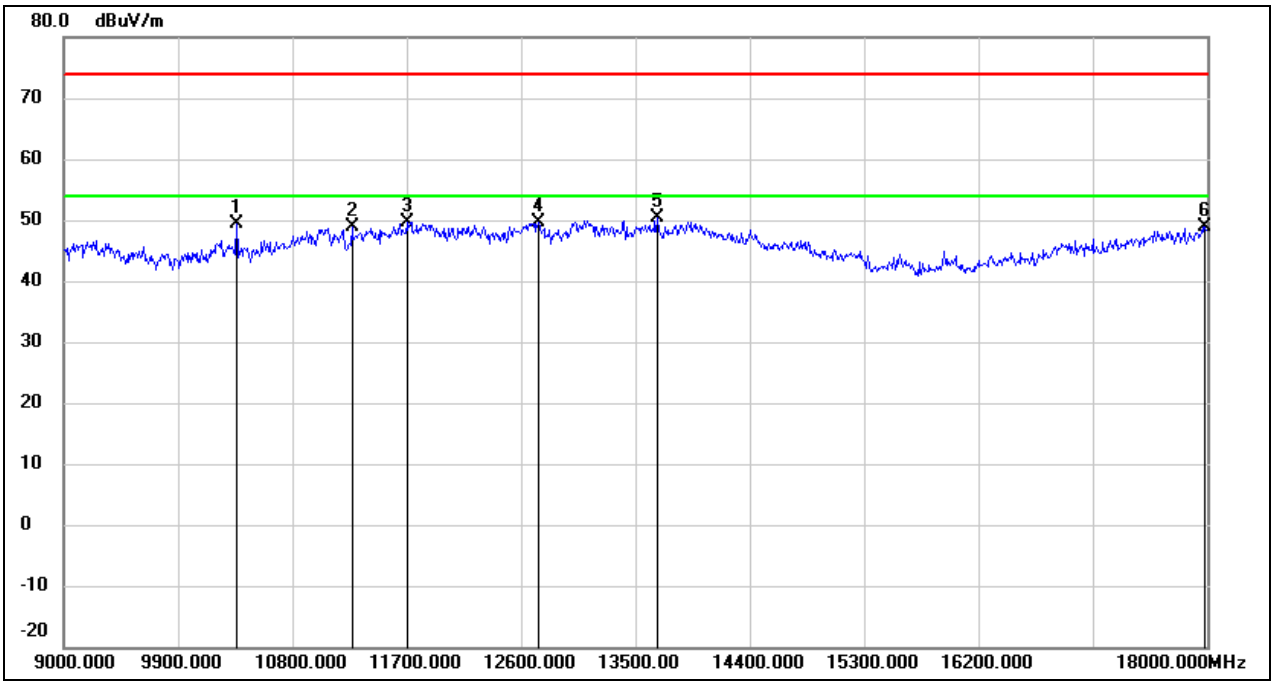
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.24	12.83	50.07	74.00	-23.93	peak
2	11007.000	34.30	14.77	49.07	74.00	-24.93	peak
3	11727.000	33.80	17.16	50.96	74.00	-23.04	peak
4	12690.000	32.93	18.05	50.98	74.00	-23.02	peak
5	13590.000	29.83	21.00	50.83	74.00	-23.17	peak
6	18000.000	25.38	25.16	50.54	74.00	-23.46	peak

Test Mode:	802.11ax HE160	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



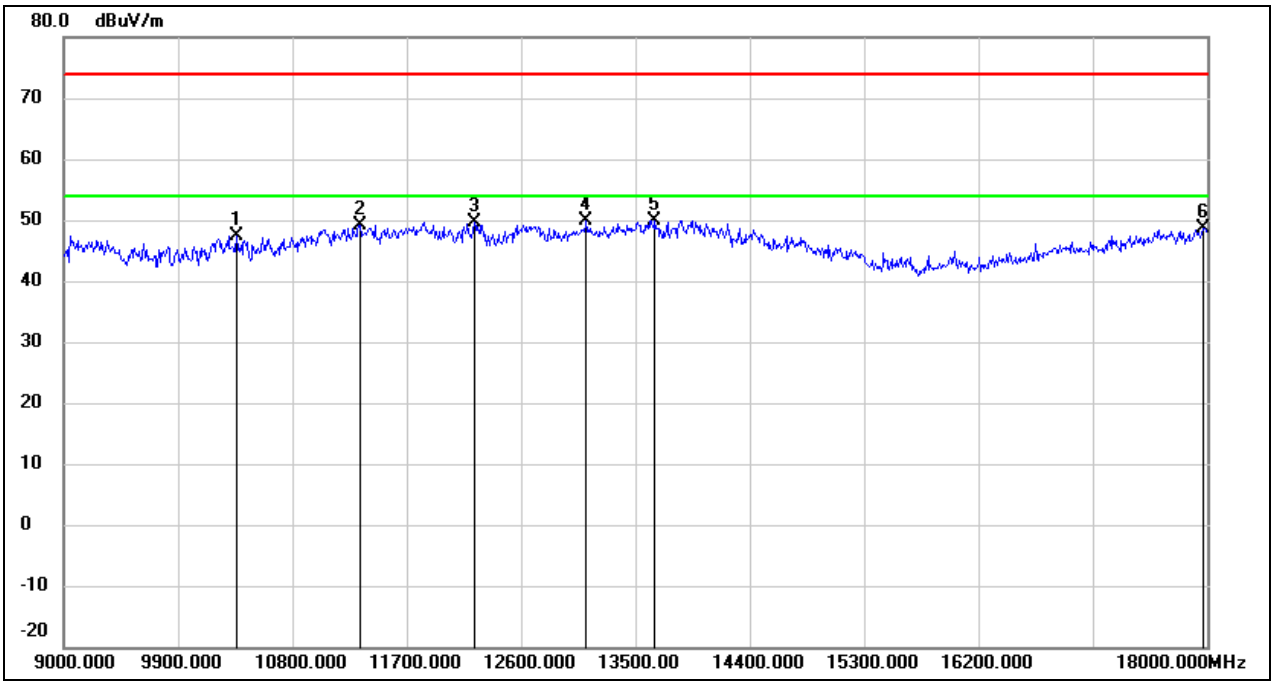
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	34.83	12.83	47.66	74.00	-26.34	peak
2	11412.000	33.44	16.22	49.66	74.00	-24.34	peak
3	12258.000	32.45	17.72	50.17	74.00	-23.83	peak
4	13014.000	31.38	18.94	50.32	74.00	-23.68	peak
5	13923.000	28.23	21.72	49.95	74.00	-24.05	peak
6	17964.000	24.37	24.92	49.29	74.00	-24.71	peak

Test Mode:	802.11ax HE160	Channel:	6345 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



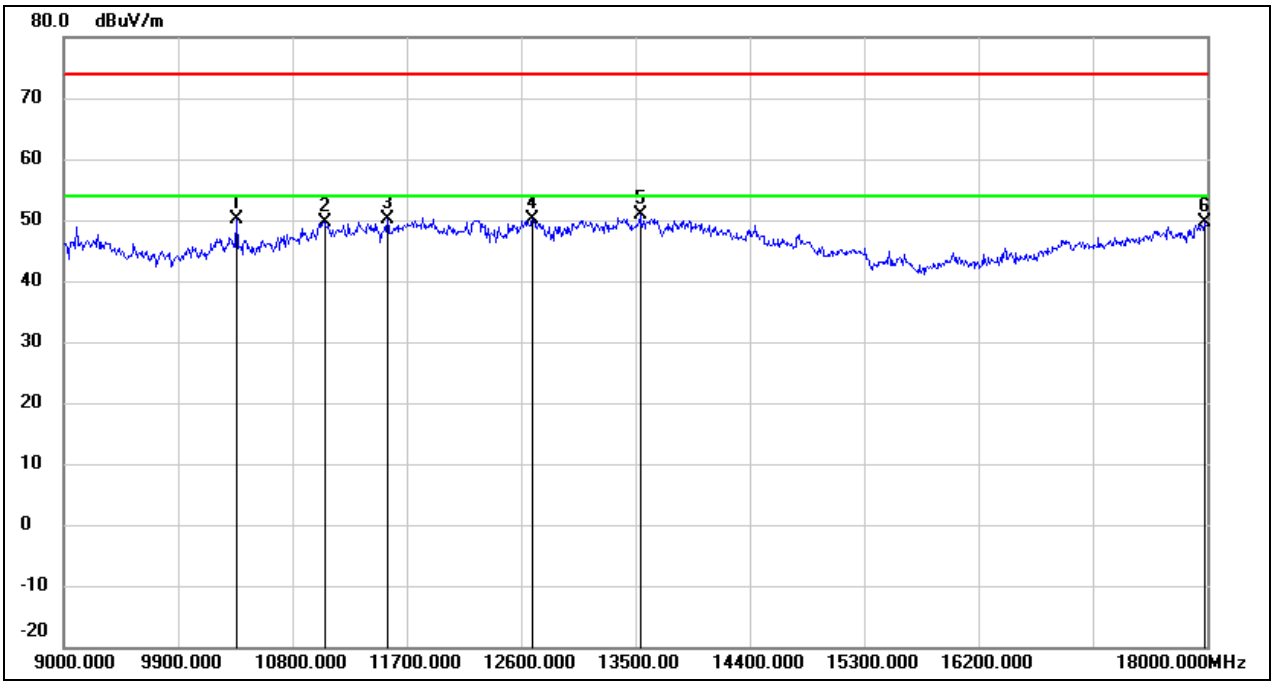
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.45	12.83	49.28	74.00	-24.72	peak
2	11268.000	33.07	15.71	48.78	74.00	-25.22	peak
3	11700.000	32.58	17.08	49.66	74.00	-24.34	peak
4	12735.000	31.52	18.17	49.69	74.00	-24.31	peak
5	13671.000	29.22	21.18	50.40	74.00	-23.60	peak
6	17982.000	23.87	25.04	48.91	74.00	-25.09	peak

Test Mode:	802.11ax HE160	Channel:	6345 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



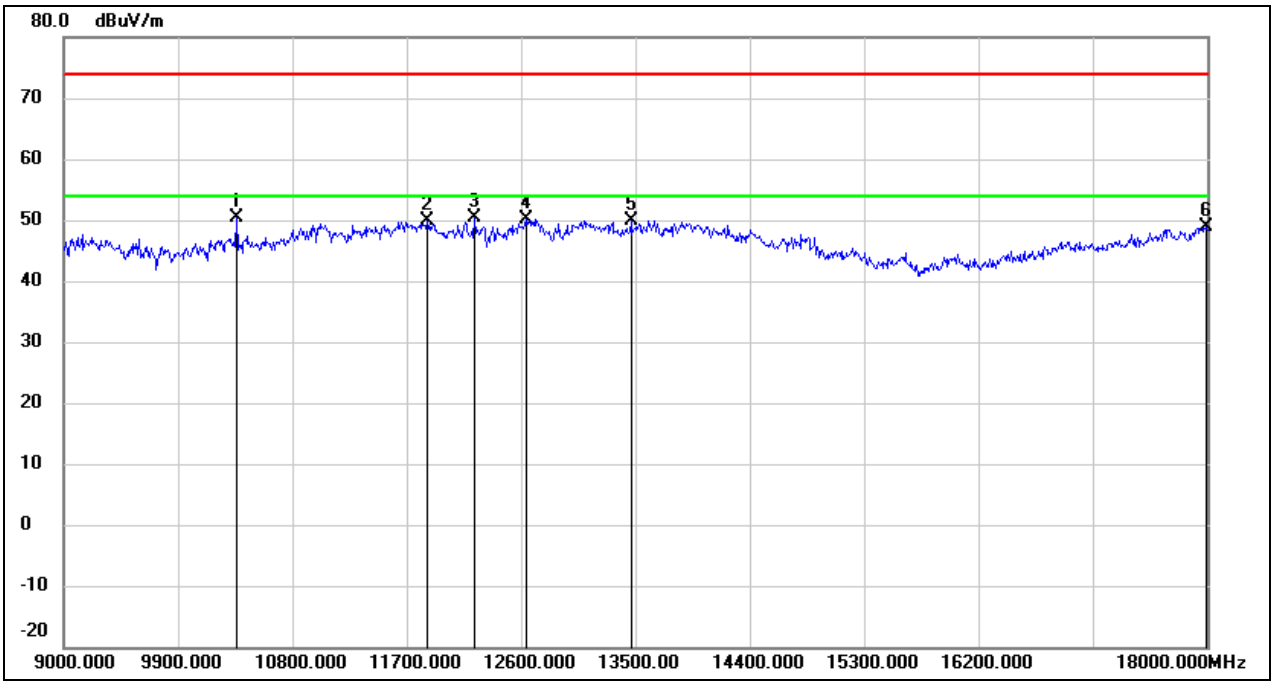
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	34.62	12.83	47.45	74.00	-26.55	peak
2	11331.000	33.23	15.93	49.16	74.00	-24.84	peak
3	12231.000	31.96	17.73	49.69	74.00	-24.31	peak
4	13113.000	30.49	19.33	49.82	74.00	-24.18	peak
5	13653.000	28.79	21.14	49.93	74.00	-24.07	peak
6	17964.000	23.80	24.92	48.72	74.00	-25.28	peak

Test Mode:	802.11ax HE160	Channel:	6825 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



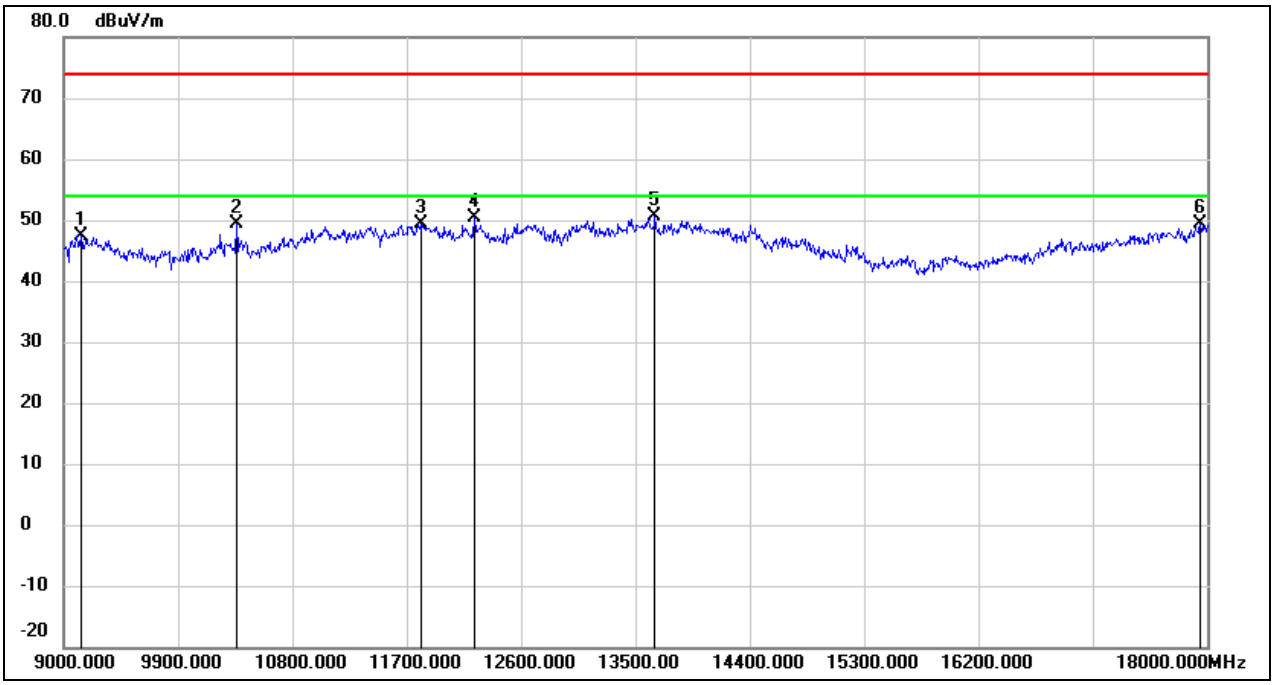
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.22	12.83	50.05	74.00	-23.95	peak
2	11052.000	34.62	14.94	49.56	74.00	-24.44	peak
3	11547.000	33.40	16.66	50.06	74.00	-23.94	peak
4	12690.000	32.19	18.05	50.24	74.00	-23.76	peak
5	13536.000	30.01	20.90	50.91	74.00	-23.09	peak
6	17982.000	24.70	25.04	49.74	74.00	-24.26	peak

Test Mode:	802.11ax HE160	Channel:	6825 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



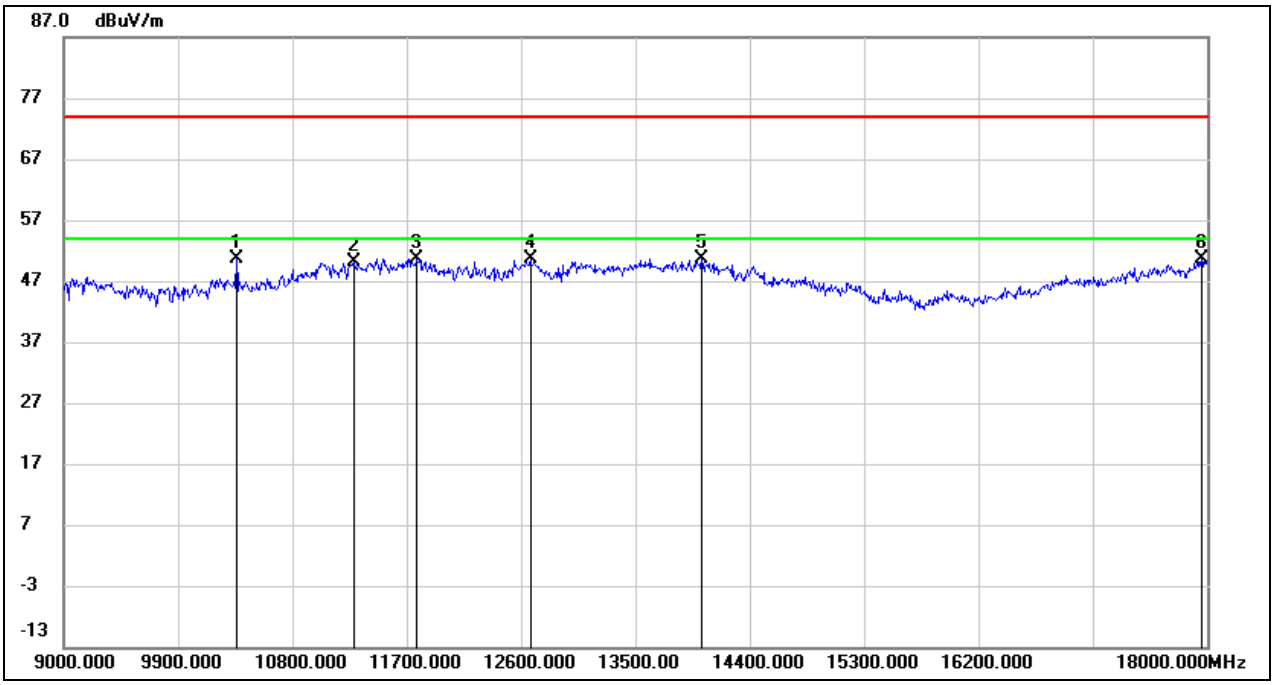
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.58	12.83	50.41	74.00	-23.59	peak
2	11862.000	32.42	17.53	49.95	74.00	-24.05	peak
3	12231.000	32.67	17.73	50.40	74.00	-23.60	peak
4	12636.000	32.34	17.90	50.24	74.00	-23.76	peak
5	13464.000	29.14	20.67	49.81	74.00	-24.19	peak
6	17991.000	23.83	25.11	48.94	74.00	-25.06	peak

Test Mode:	802.11ax HE160	Channel:	6985 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



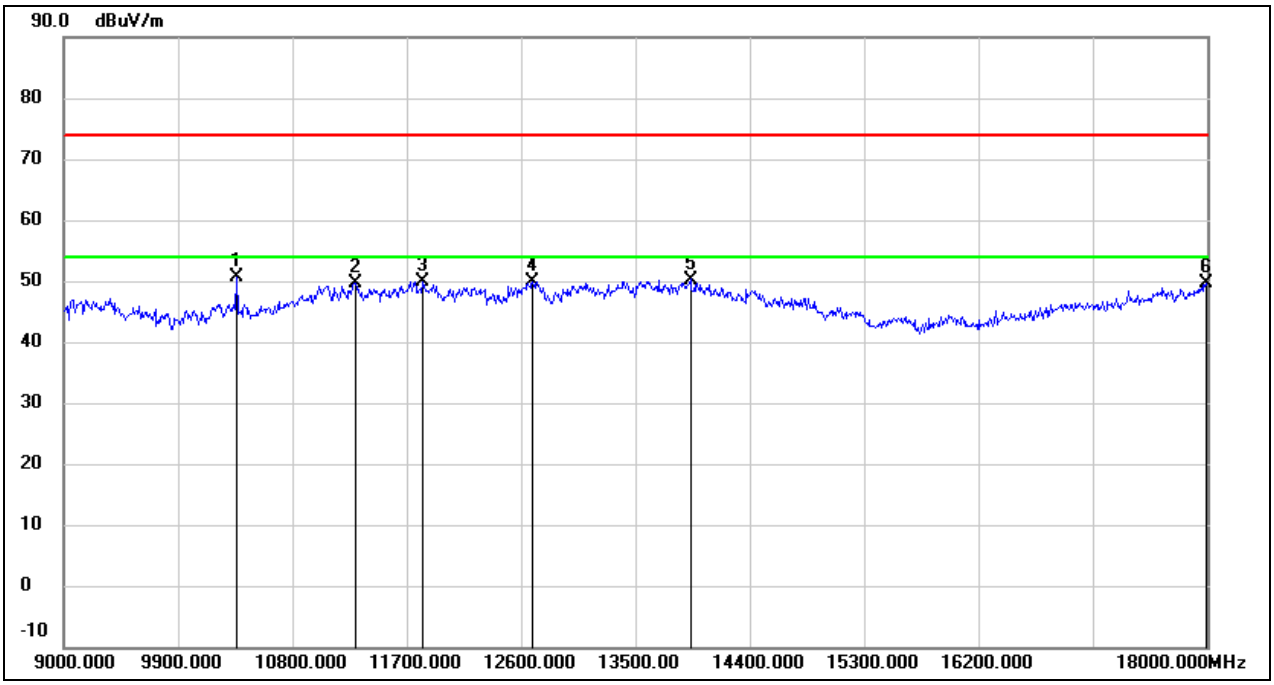
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.58	10.84	47.42	74.00	-26.58	peak
2	10359.000	36.50	12.83	49.33	74.00	-24.67	peak
3	11817.000	32.02	17.40	49.42	74.00	-24.58	peak
4	12231.000	32.66	17.73	50.39	74.00	-23.61	peak
5	13653.000	29.39	21.14	50.53	74.00	-23.47	peak
6	17946.000	24.53	24.82	49.35	74.00	-24.65	peak

Test Mode:	802.11ax HE160	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



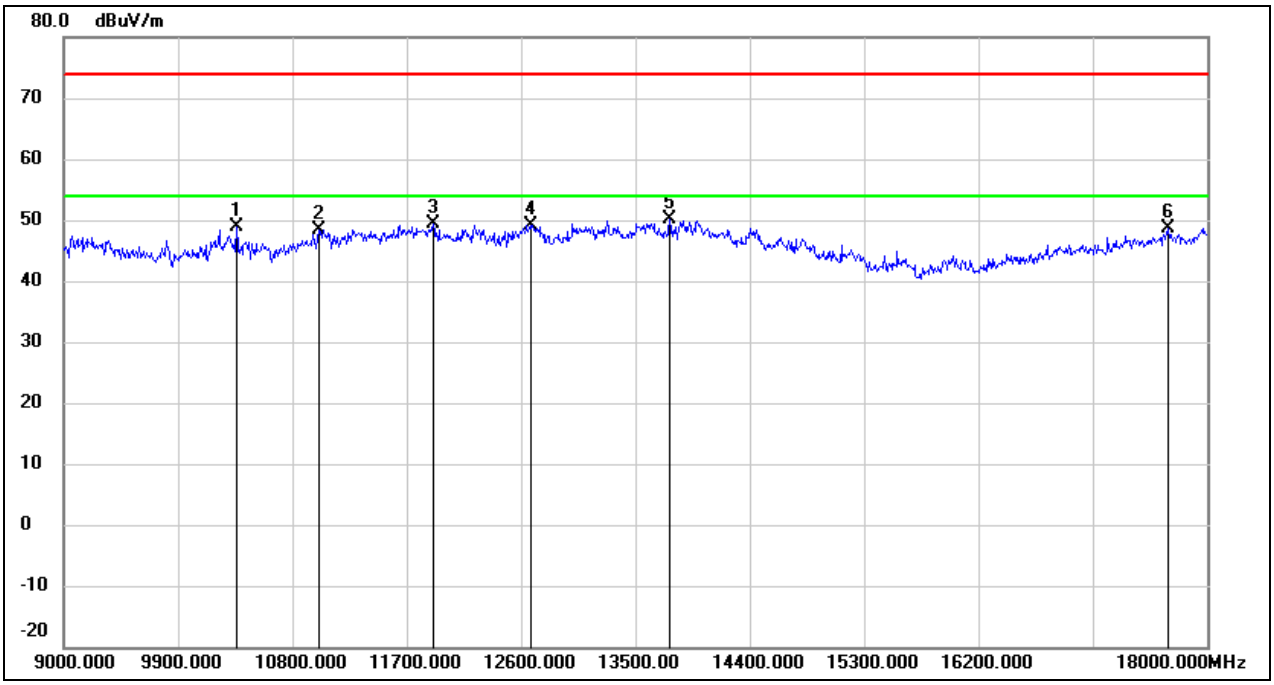
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.79	12.83	50.62	74.00	-23.38	peak
2	11286.000	34.33	15.77	50.10	74.00	-23.90	peak
3	11781.000	33.44	17.30	50.74	74.00	-23.26	peak
4	12672.000	32.52	18.00	50.52	74.00	-23.48	peak
5	14022.000	28.88	21.79	50.67	74.00	-23.33	peak
6	17955.000	25.79	24.87	50.66	74.00	-23.34	peak

Test Mode:	802.11be EHT20	Channel:	6115 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



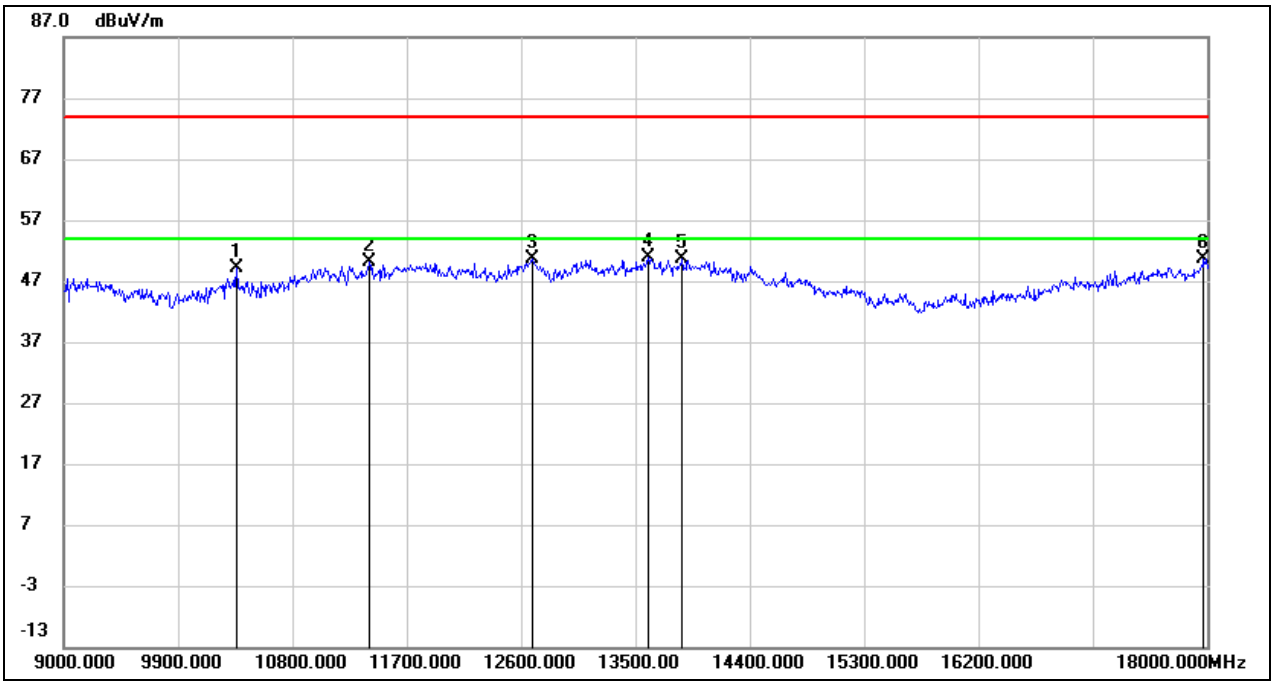
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.89	12.83	50.72	74.00	-23.28	peak
2	11295.000	33.85	15.80	49.65	74.00	-24.35	peak
3	11826.000	32.55	17.42	49.97	74.00	-24.03	peak
4	12690.000	31.76	18.05	49.81	74.00	-24.19	peak
5	13932.000	28.51	21.74	50.25	74.00	-23.75	peak
6	17991.000	24.44	25.11	49.55	74.00	-24.45	peak

Test Mode:	802.11be EHT20	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



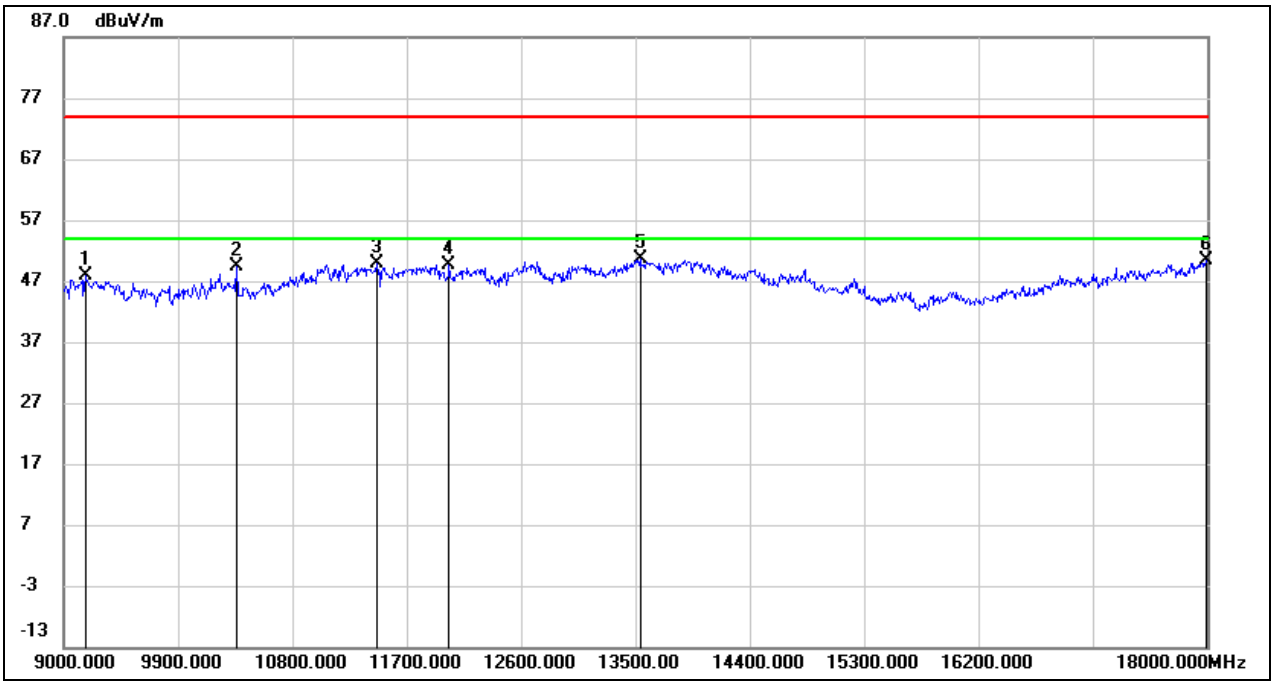
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.06	12.83	48.89	74.00	-25.11	peak
2	11007.000	33.72	14.77	48.49	74.00	-25.51	peak
3	11907.000	31.78	17.66	49.44	74.00	-24.56	peak
4	12672.000	31.09	18.00	49.09	74.00	-24.91	peak
5	13770.000	28.64	21.39	50.03	74.00	-23.97	peak
6	17694.000	25.53	23.20	48.73	74.00	-25.27	peak

Test Mode:	802.11be EHT20	Channel:	6275 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



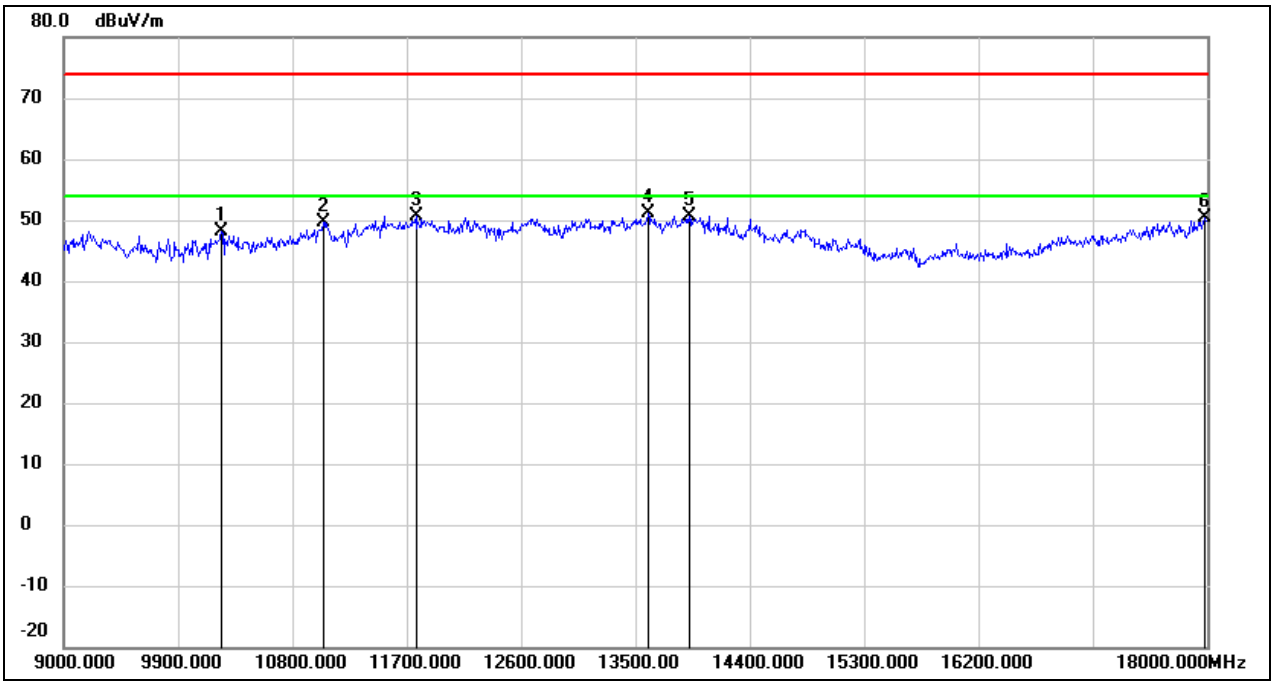
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.19	12.83	49.02	74.00	-24.98	peak
2	11403.000	33.86	16.19	50.05	74.00	-23.95	peak
3	12690.000	32.60	18.05	50.65	74.00	-23.35	peak
4	13599.000	29.78	21.02	50.80	74.00	-23.20	peak
5	13869.000	28.99	21.59	50.58	74.00	-23.42	peak
6	17973.000	25.70	24.99	50.69	74.00	-23.31	peak

Test Mode:	802.11be EHT20	Channel:	6275 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



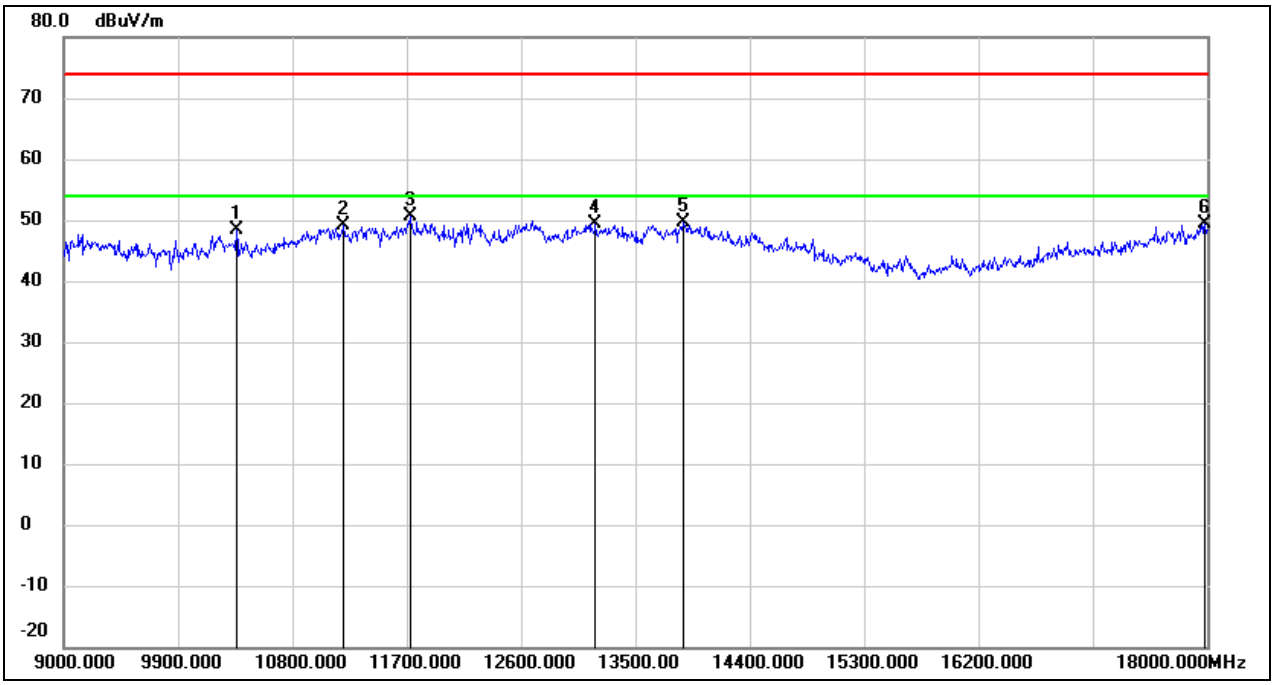
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9171.000	36.96	10.83	47.79	74.00	-26.21	peak
2	10359.000	36.56	12.83	49.39	74.00	-24.61	peak
3	11466.000	33.51	16.41	49.92	74.00	-24.08	peak
4	12033.000	31.83	17.88	49.71	74.00	-24.29	peak
5	13536.000	29.68	20.90	50.58	74.00	-23.42	peak
6	17991.000	25.17	25.11	50.28	74.00	-23.72	peak

Test Mode:	802.11be EHT20	Channel:	6415 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



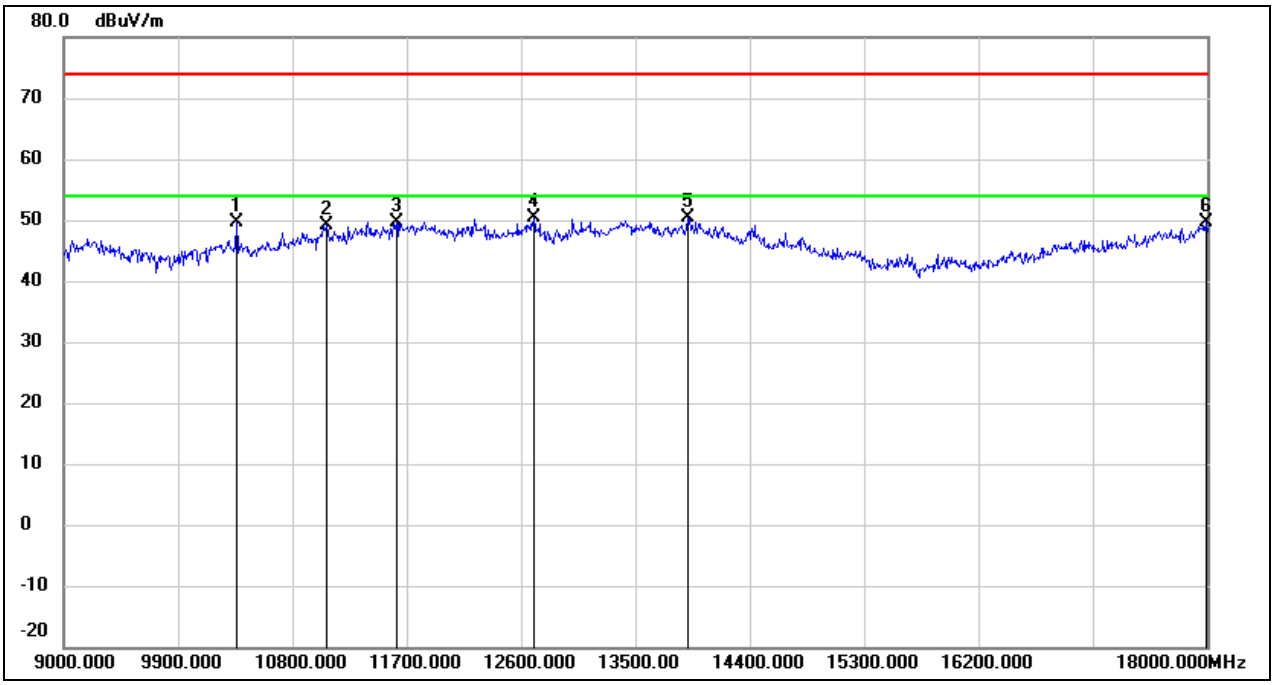
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.64	12.58	48.22	74.00	-25.78	peak
2	11043.000	34.69	14.90	49.59	74.00	-24.41	peak
3	11772.000	33.45	17.28	50.73	74.00	-23.27	peak
4	13599.000	30.06	21.02	51.08	74.00	-22.92	peak
5	13923.000	28.99	21.72	50.71	74.00	-23.29	peak
6	17982.000	25.22	25.04	50.26	74.00	-23.74	peak

Test Mode:	802.11be EHT20	Channel:	6415 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



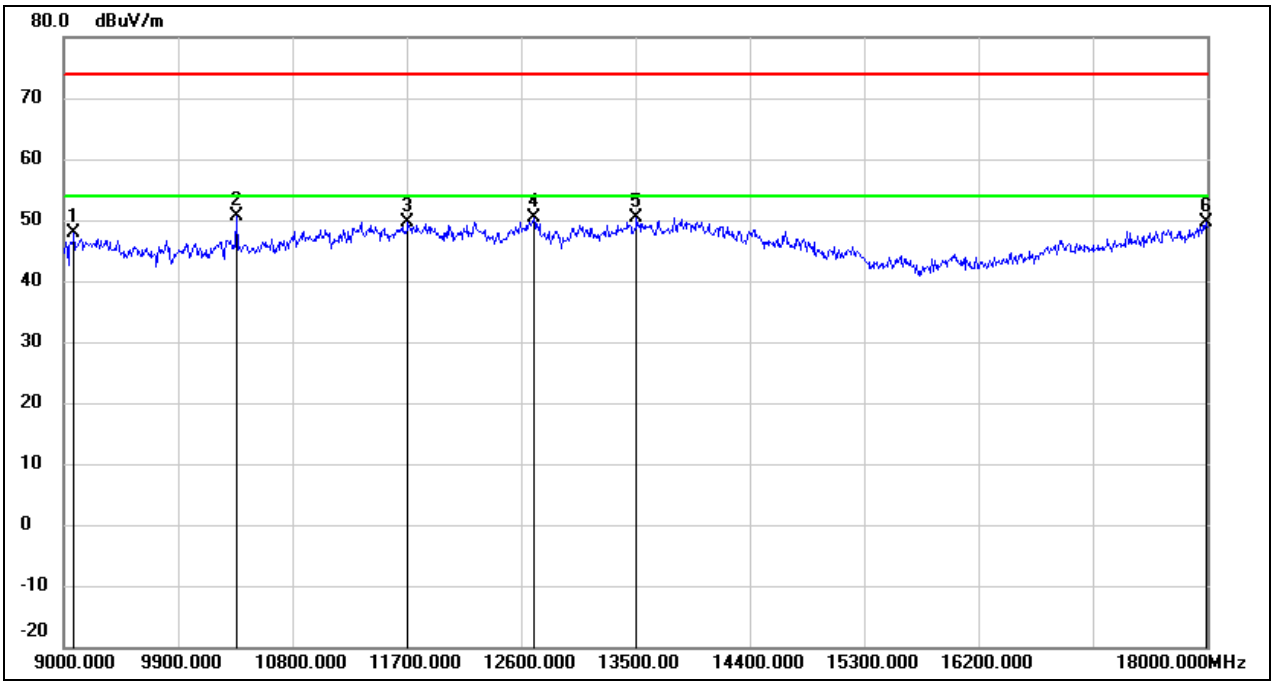
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.48	12.83	48.31	74.00	-25.69	peak
2	11205.000	33.58	15.48	49.06	74.00	-24.94	peak
3	11727.000	33.51	17.16	50.67	74.00	-23.33	peak
4	13185.000	29.79	19.60	49.39	74.00	-24.61	peak
5	13878.000	28.04	21.62	49.66	74.00	-24.34	peak
6	17982.000	24.24	25.04	49.28	74.00	-24.72	peak

Test Mode:	802.11be EHT20	Channel:	6755 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



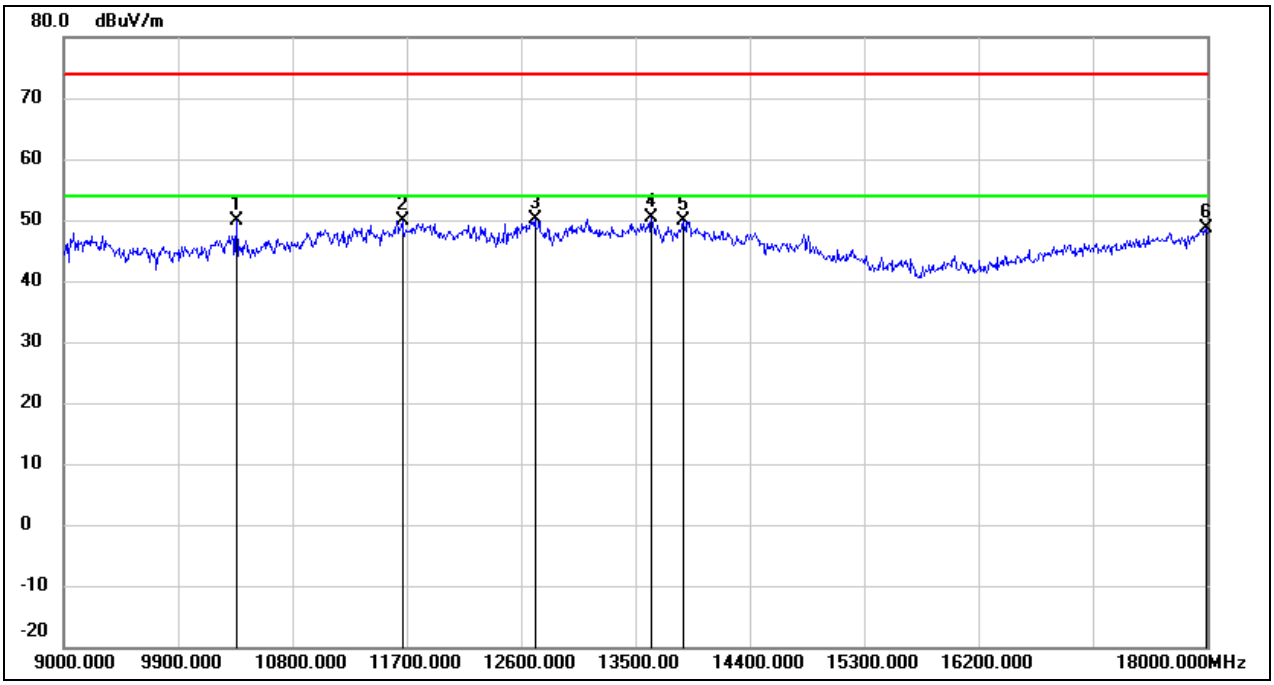
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.81	12.83	49.64	74.00	-24.36	peak
2	11070.000	34.12	15.00	49.12	74.00	-24.88	peak
3	11619.000	32.85	16.86	49.71	74.00	-24.29	peak
4	12699.000	32.22	18.07	50.29	74.00	-23.71	peak
5	13914.000	28.67	21.69	50.36	74.00	-23.64	peak
6	17991.000	24.54	25.11	49.65	74.00	-24.35	peak

Test Mode:	802.11be EHT20	Channel:	6755 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



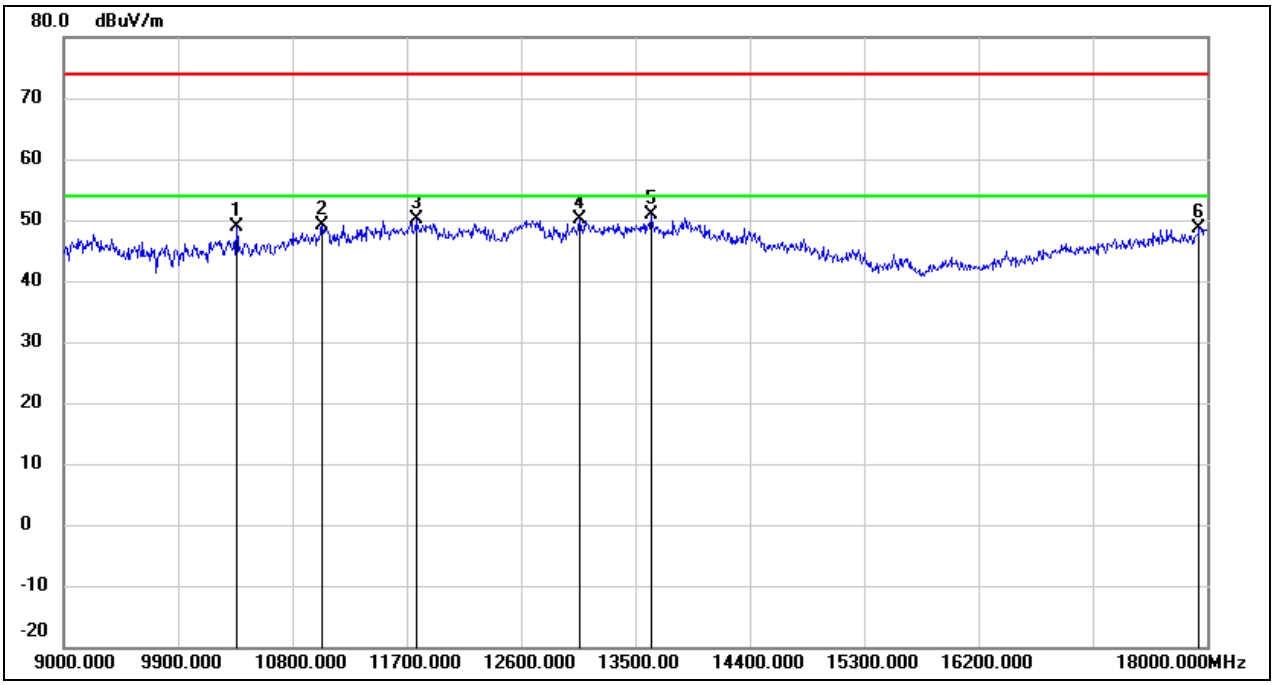
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9081.000	37.17	10.82	47.99	74.00	-26.01	peak
2	10359.000	37.70	12.83	50.53	74.00	-23.47	peak
3	11709.000	32.44	17.11	49.55	74.00	-24.45	peak
4	12699.000	32.29	18.07	50.36	74.00	-23.64	peak
5	13509.000	29.62	20.83	50.45	74.00	-23.55	peak
6	17991.000	24.59	25.11	49.70	74.00	-24.30	peak

Test Mode:	802.11be EHT20	Channel:	6815 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



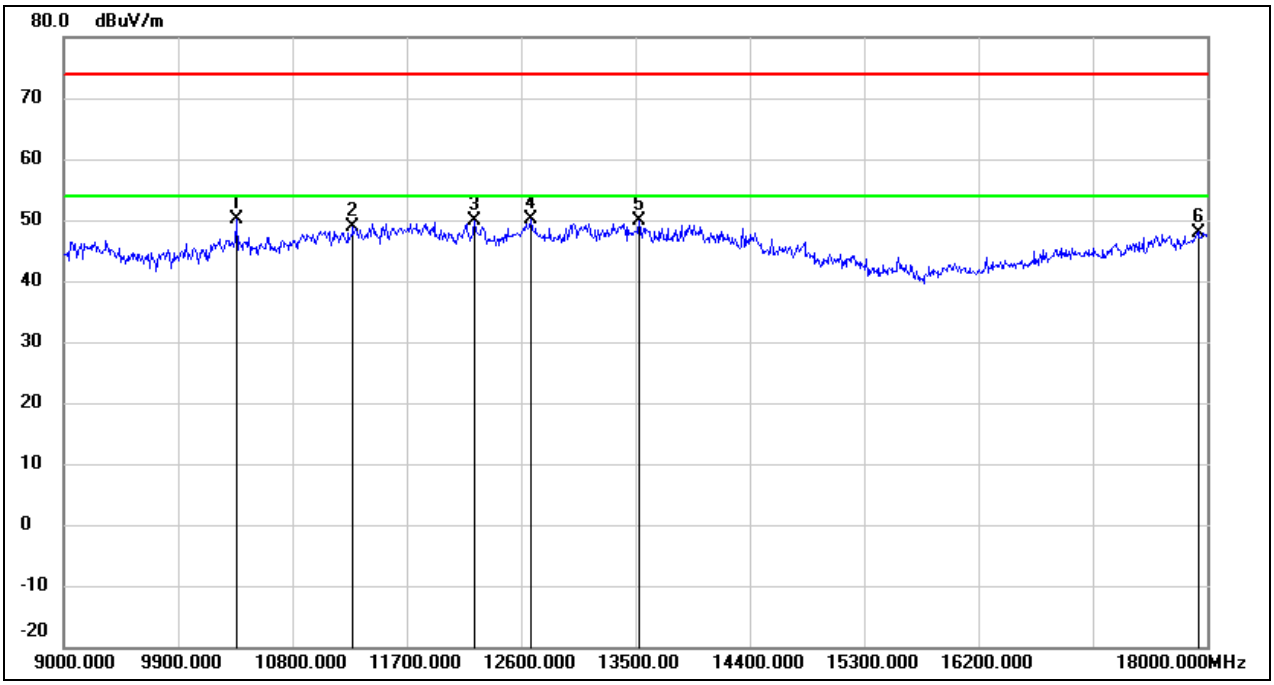
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.03	12.83	49.86	74.00	-24.14	peak
2	11664.000	32.99	16.98	49.97	74.00	-24.03	peak
3	12708.000	31.93	18.10	50.03	74.00	-23.97	peak
4	13626.000	29.35	21.08	50.43	74.00	-23.57	peak
5	13878.000	28.37	21.62	49.99	74.00	-24.01	peak
6	17991.000	23.48	25.11	48.59	74.00	-25.41	peak

Test Mode:	802.11be EHT20	Channel:	6815 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



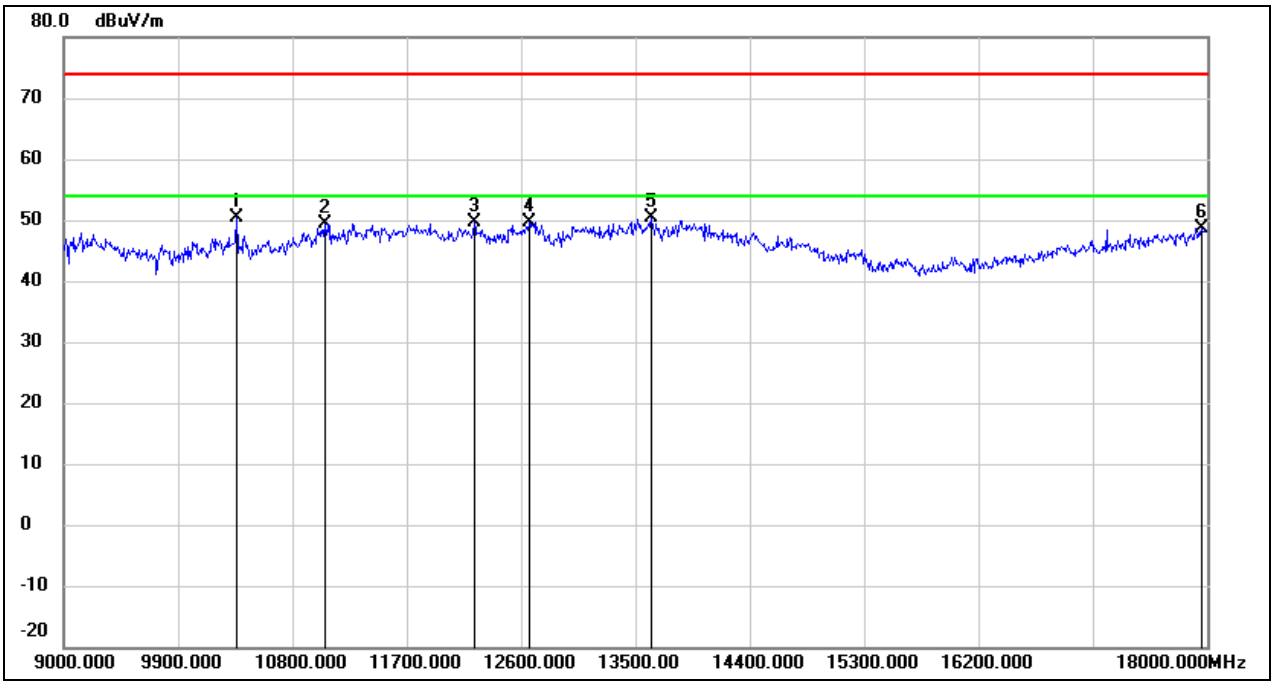
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.00	12.83	48.83	74.00	-25.17	peak
2	11034.000	34.22	14.87	49.09	74.00	-24.91	peak
3	11772.000	32.96	17.28	50.24	74.00	-23.76	peak
4	13059.000	31.07	19.11	50.18	74.00	-23.82	peak
5	13626.000	29.70	21.08	50.78	74.00	-23.22	peak
6	17937.000	23.90	24.76	48.66	74.00	-25.34	peak

Test Mode:	802.11be EHT20	Channel:	6875 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



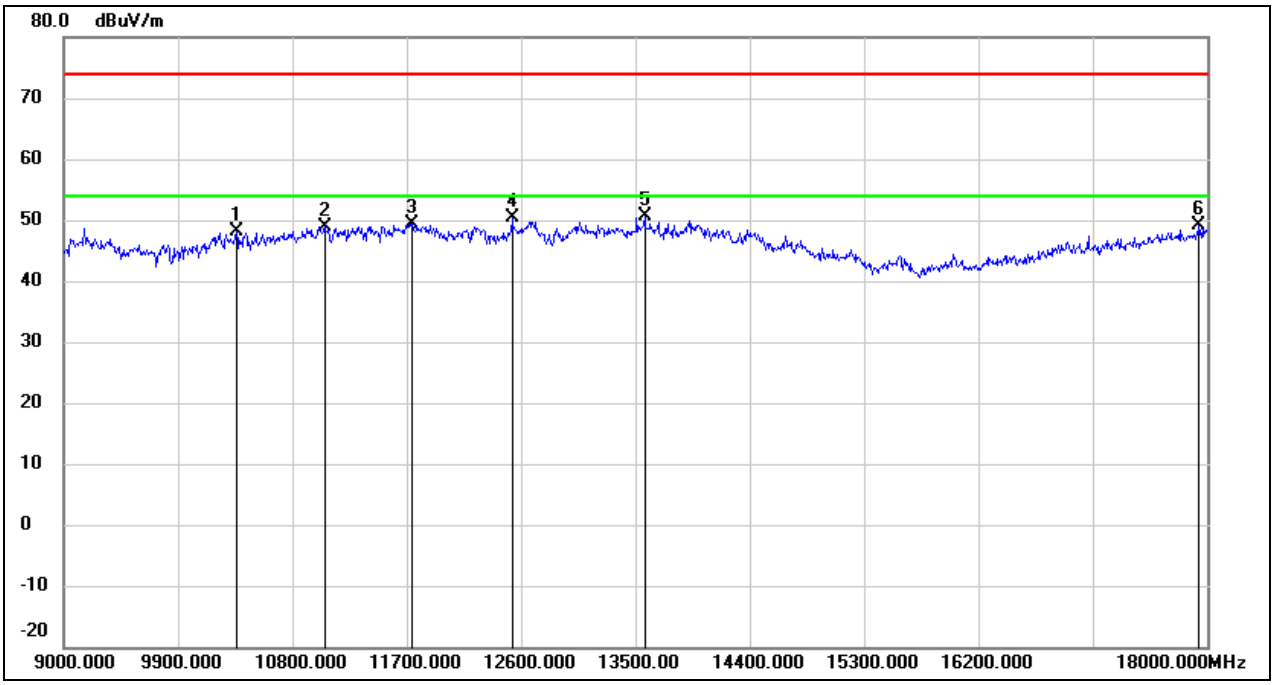
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.39	12.83	50.22	74.00	-23.78	peak
2	11277.000	33.23	15.73	48.96	74.00	-25.04	peak
3	12231.000	32.09	17.73	49.82	74.00	-24.18	peak
4	12681.000	32.07	18.03	50.10	74.00	-23.90	peak
5	13527.000	29.10	20.87	49.97	74.00	-24.03	peak
6	17928.000	23.30	24.70	48.00	74.00	-26.00	peak

Test Mode:	802.11be EHT20	Channel:	6875 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



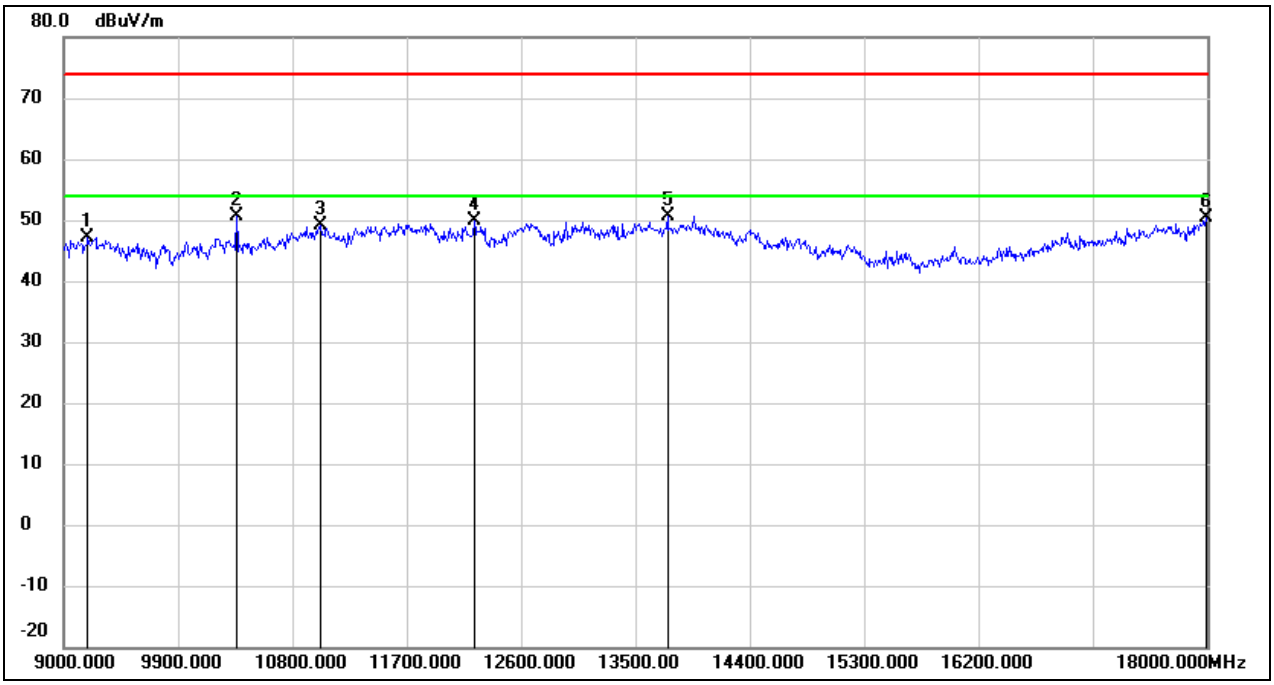
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.57	12.83	50.40	74.00	-23.60	peak
2	11052.000	34.44	14.94	49.38	74.00	-24.62	peak
3	12231.000	31.88	17.73	49.61	74.00	-24.39	peak
4	12663.000	31.68	17.98	49.66	74.00	-24.34	peak
5	13626.000	29.25	21.08	50.33	74.00	-23.67	peak
6	17955.000	23.72	24.87	48.59	74.00	-25.41	peak

Test Mode:	802.11be EHT20	Channel:	6895 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



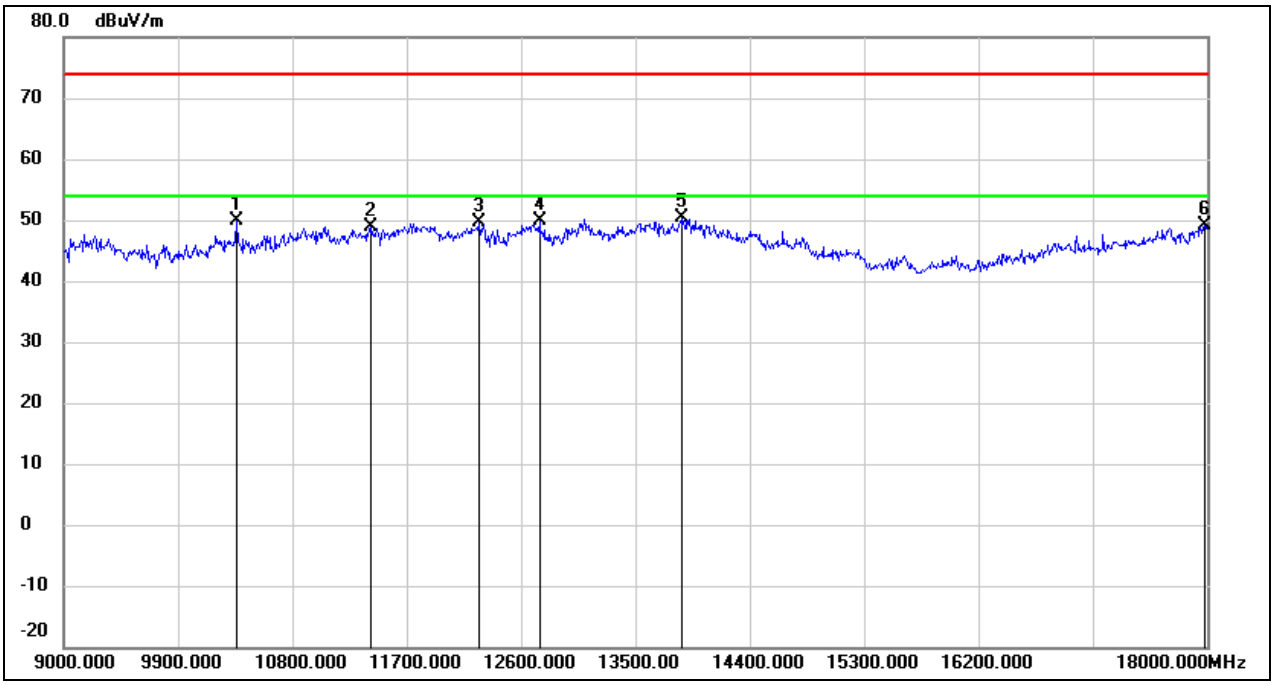
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.22	12.83	48.05	74.00	-25.95	peak
2	11052.000	34.06	14.94	49.00	74.00	-25.00	peak
3	11745.000	32.16	17.21	49.37	74.00	-24.63	peak
4	12528.000	32.80	17.60	50.40	74.00	-23.60	peak
5	13572.000	29.56	20.96	50.52	74.00	-23.48	peak
6	17937.000	24.41	24.76	49.17	74.00	-24.83	peak

Test Mode:	802.11be EHT20	Channel:	6895 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



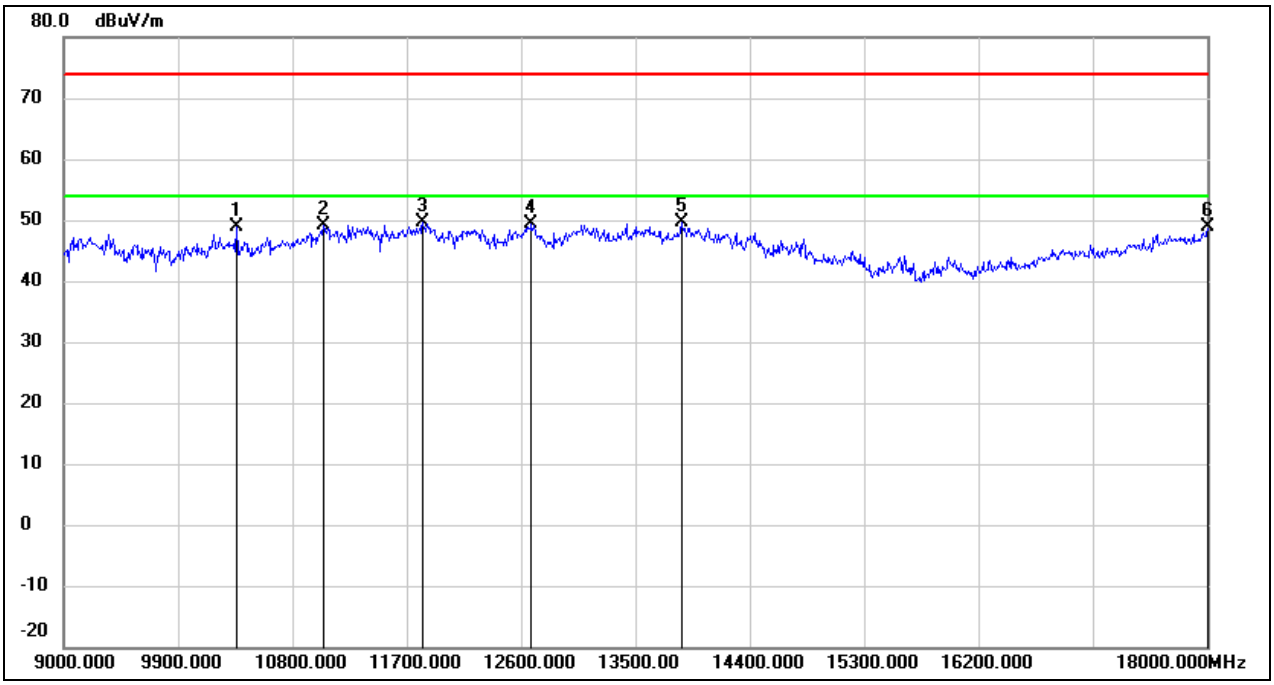
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.33	10.84	47.17	74.00	-26.83	peak
2	10359.000	37.87	12.83	50.70	74.00	-23.30	peak
3	11016.000	34.38	14.81	49.19	74.00	-24.81	peak
4	12231.000	32.10	17.73	49.83	74.00	-24.17	peak
5	13752.000	29.37	21.35	50.72	74.00	-23.28	peak
6	17991.000	25.15	25.11	50.26	74.00	-23.74	peak

Test Mode:	802.11be EHT20	Channel:	7015 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



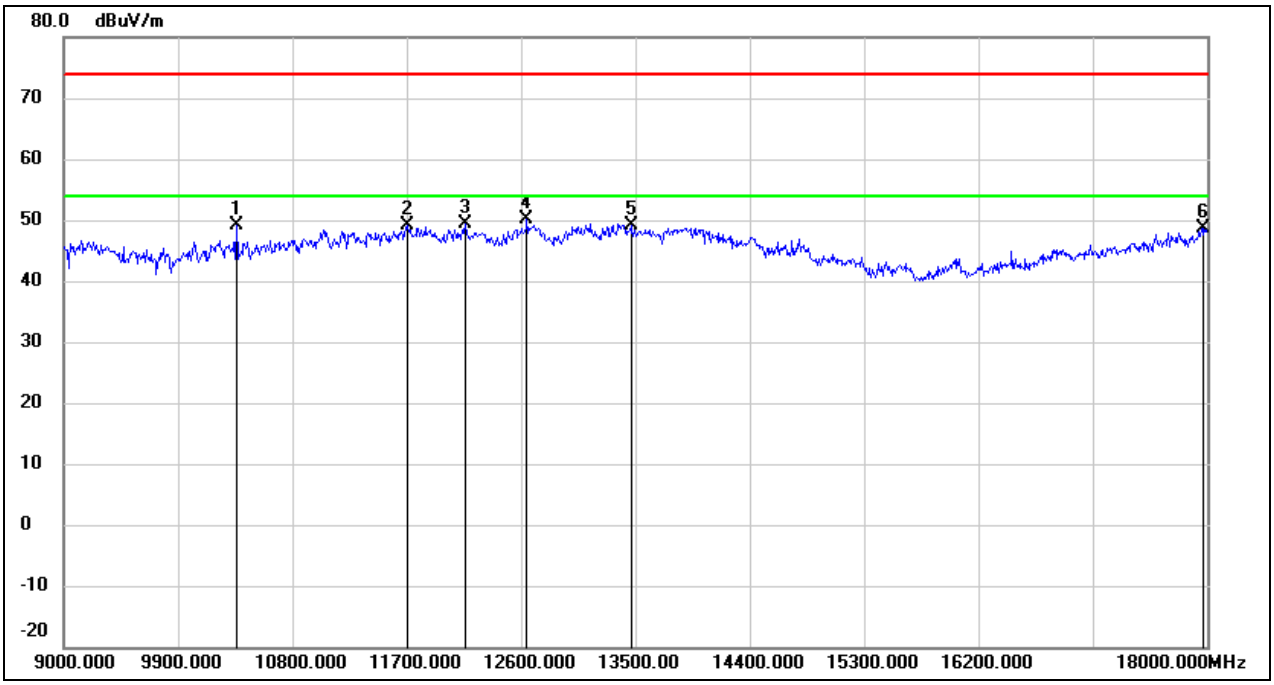
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.05	12.83	49.88	74.00	-24.12	peak
2	11421.000	32.74	16.25	48.99	74.00	-25.01	peak
3	12267.000	31.94	17.71	49.65	74.00	-24.35	peak
4	12744.000	31.74	18.19	49.93	74.00	-24.07	peak
5	13860.000	28.80	21.59	50.39	74.00	-23.61	peak
6	17982.000	23.97	25.04	49.01	74.00	-24.99	peak

Test Mode:	802.11be EHT20	Channel:	7015 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



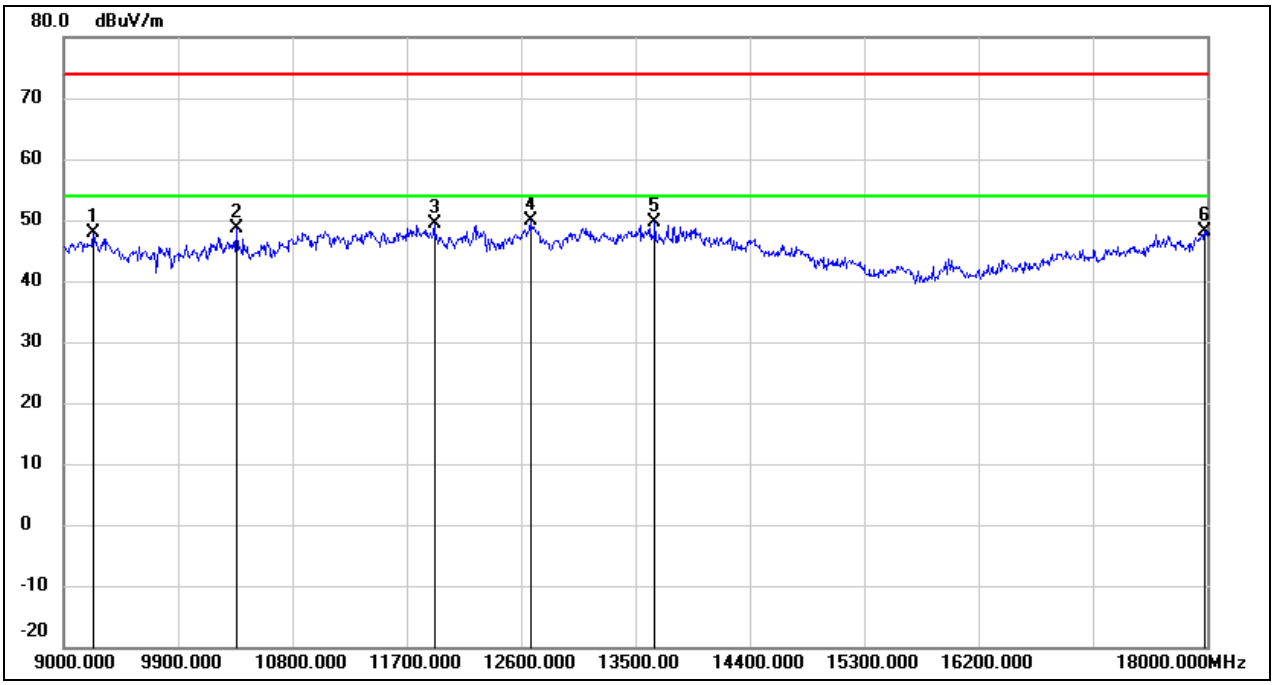
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.99	12.83	48.82	74.00	-25.18	peak
2	11043.000	34.35	14.90	49.25	74.00	-24.75	peak
3	11826.000	32.20	17.42	49.62	74.00	-24.38	peak
4	12681.000	31.44	18.03	49.47	74.00	-24.53	peak
5	13860.000	28.10	21.59	49.69	74.00	-24.31	peak
6	18000.000	23.60	25.16	48.76	74.00	-25.24	peak

Test Mode:	802.11be EHT20	Channel:	7095 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



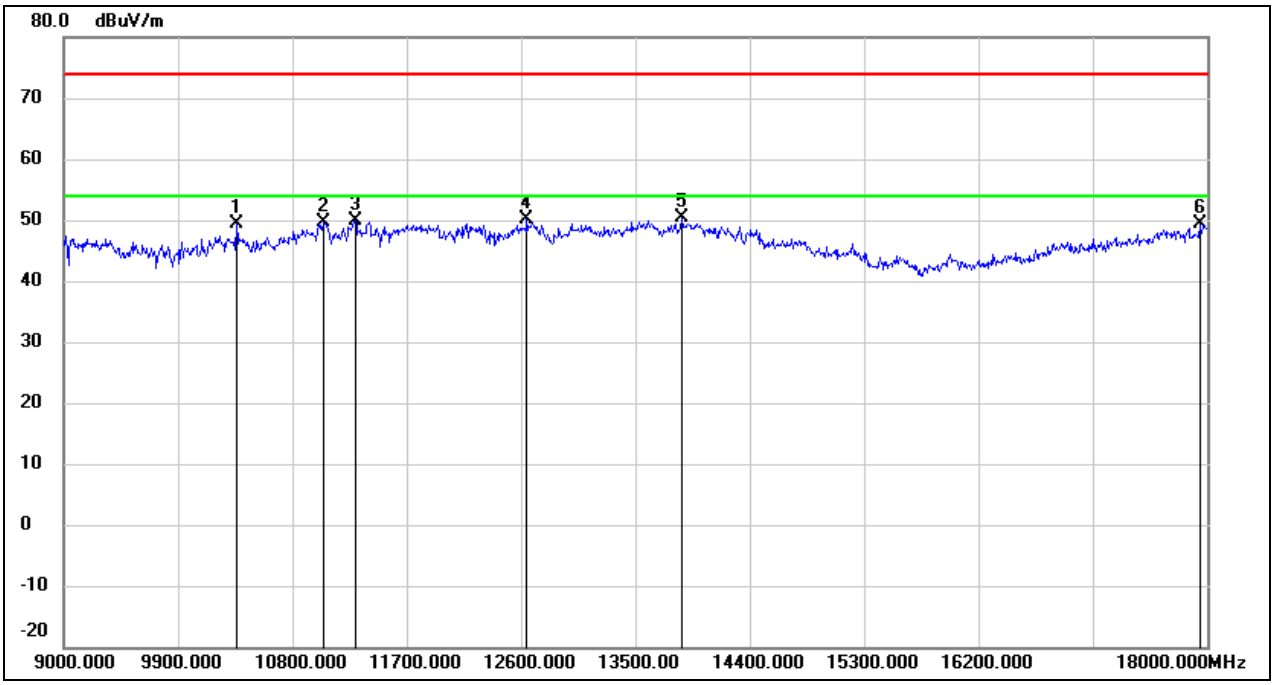
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.29	12.83	49.12	74.00	-24.88	peak
2	11700.000	31.98	17.08	49.06	74.00	-24.94	peak
3	12159.000	31.70	17.78	49.48	74.00	-24.52	peak
4	12645.000	32.22	17.92	50.14	74.00	-23.86	peak
5	13464.000	28.42	20.67	49.09	74.00	-24.91	peak
6	17964.000	23.82	24.92	48.74	74.00	-25.26	peak

Test Mode:	802.11be EHT20	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



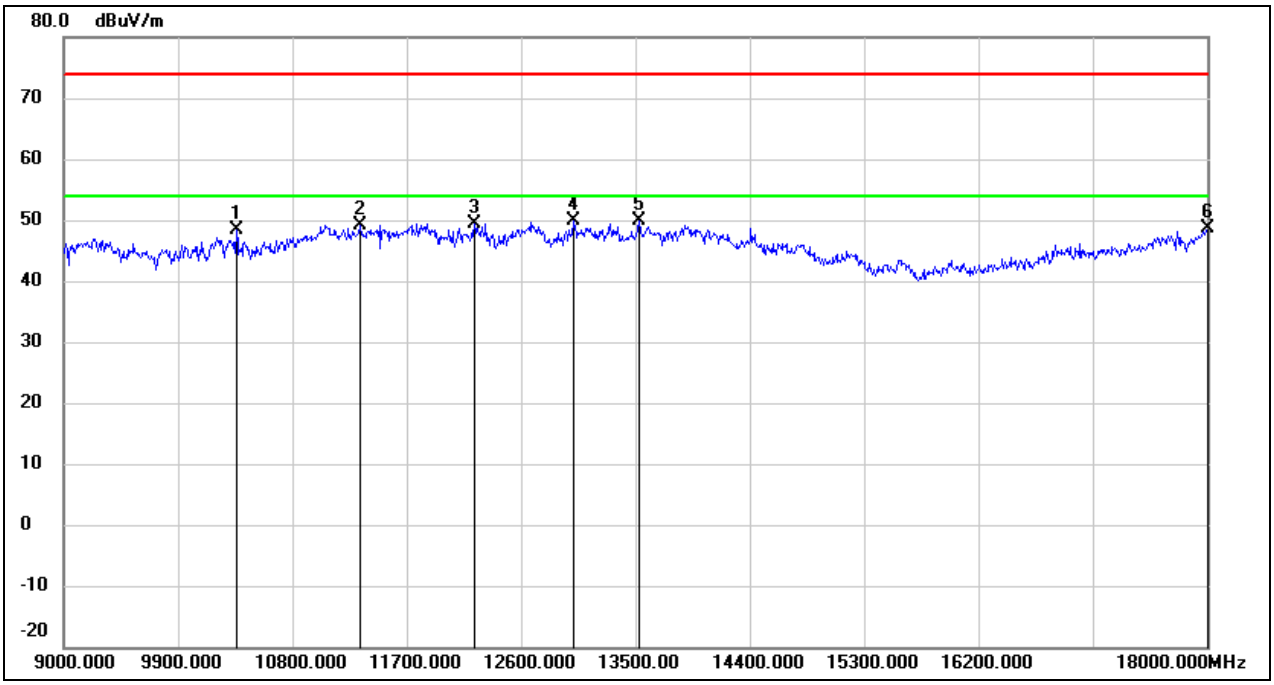
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9234.000	37.07	10.84	47.91	74.00	-26.09	peak
2	10359.000	35.83	12.83	48.66	74.00	-25.34	peak
3	11916.000	31.65	17.68	49.33	74.00	-24.67	peak
4	12672.000	31.76	18.00	49.76	74.00	-24.24	peak
5	13653.000	28.44	21.14	49.58	74.00	-24.42	peak
6	17982.000	23.14	25.04	48.18	74.00	-25.82	peak

Test Mode:	802.11be EHT40	Channel:	6125 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



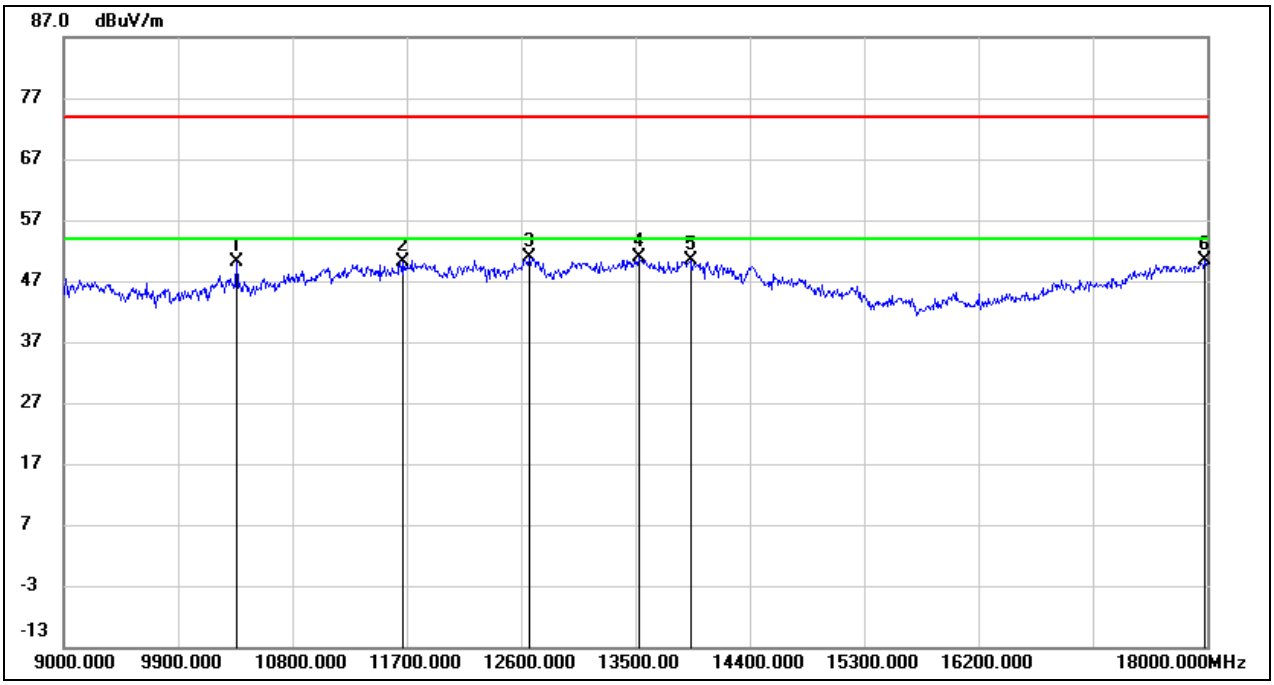
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.44	12.83	49.27	74.00	-24.73	peak
2	11043.000	34.77	14.90	49.67	74.00	-24.33	peak
3	11295.000	34.04	15.80	49.84	74.00	-24.16	peak
4	12645.000	32.23	17.92	50.15	74.00	-23.85	peak
5	13869.000	28.72	21.59	50.31	74.00	-23.69	peak
6	17946.000	24.51	24.82	49.33	74.00	-24.67	peak

Test Mode:	802.11be EHT40	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



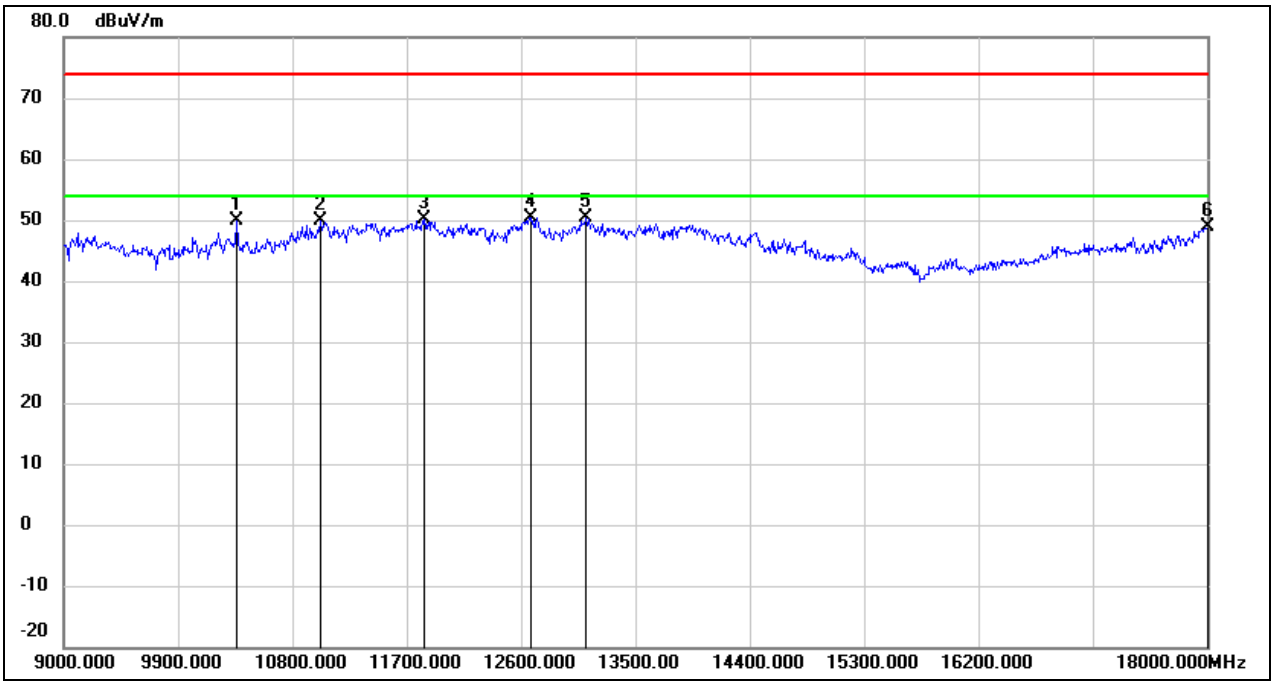
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.43	12.83	48.26	74.00	-25.74	peak
2	11331.000	33.26	15.93	49.19	74.00	-24.81	peak
3	12231.000	31.62	17.73	49.35	74.00	-24.65	peak
4	13014.000	30.95	18.94	49.89	74.00	-24.11	peak
5	13527.000	29.01	20.87	49.88	74.00	-24.12	peak
6	18000.000	23.46	25.16	48.62	74.00	-25.38	peak

Test Mode:	802.11be EHT40	Channel:	6285 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



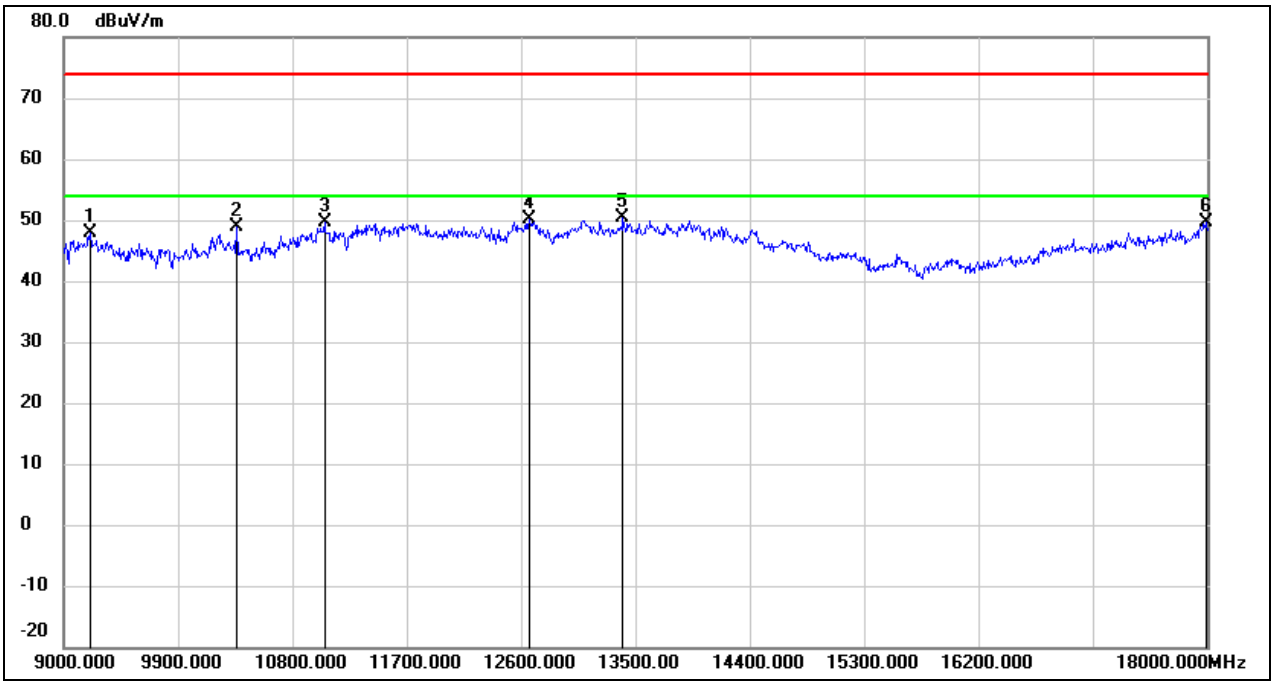
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.33	12.83	50.16	74.00	-23.84	peak
2	11664.000	33.13	16.98	50.11	74.00	-23.89	peak
3	12663.000	32.84	17.98	50.82	74.00	-23.18	peak
4	13527.000	30.05	20.87	50.92	74.00	-23.08	peak
5	13932.000	28.59	21.74	50.33	74.00	-23.67	peak
6	17982.000	25.42	25.04	50.46	74.00	-23.54	peak

Test Mode:	802.11be EHT40	Channel:	6285 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



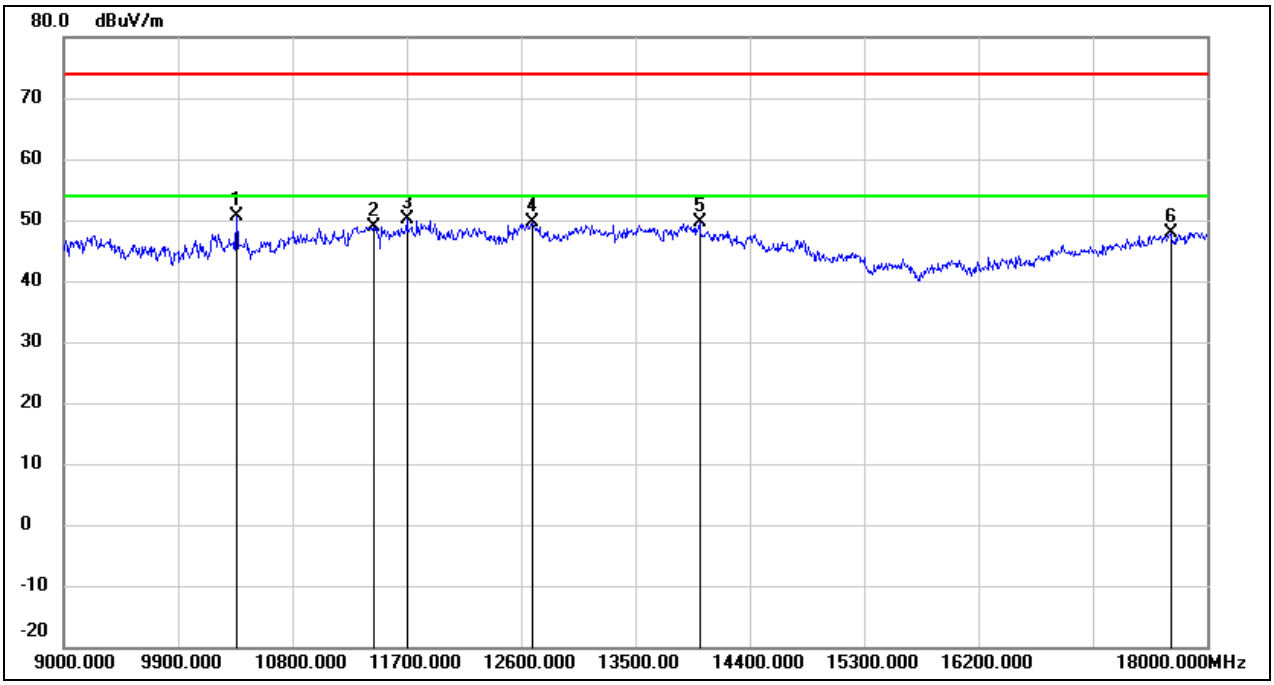
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.96	12.83	49.79	74.00	-24.21	peak
2	11025.000	34.94	14.83	49.77	74.00	-24.23	peak
3	11835.000	32.60	17.46	50.06	74.00	-23.94	peak
4	12681.000	32.42	18.03	50.45	74.00	-23.55	peak
5	13113.000	31.00	19.33	50.33	74.00	-23.67	peak
6	18000.000	23.78	25.16	48.94	74.00	-25.06	peak

Test Mode:	802.11be EHT40	Channel:	6405 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



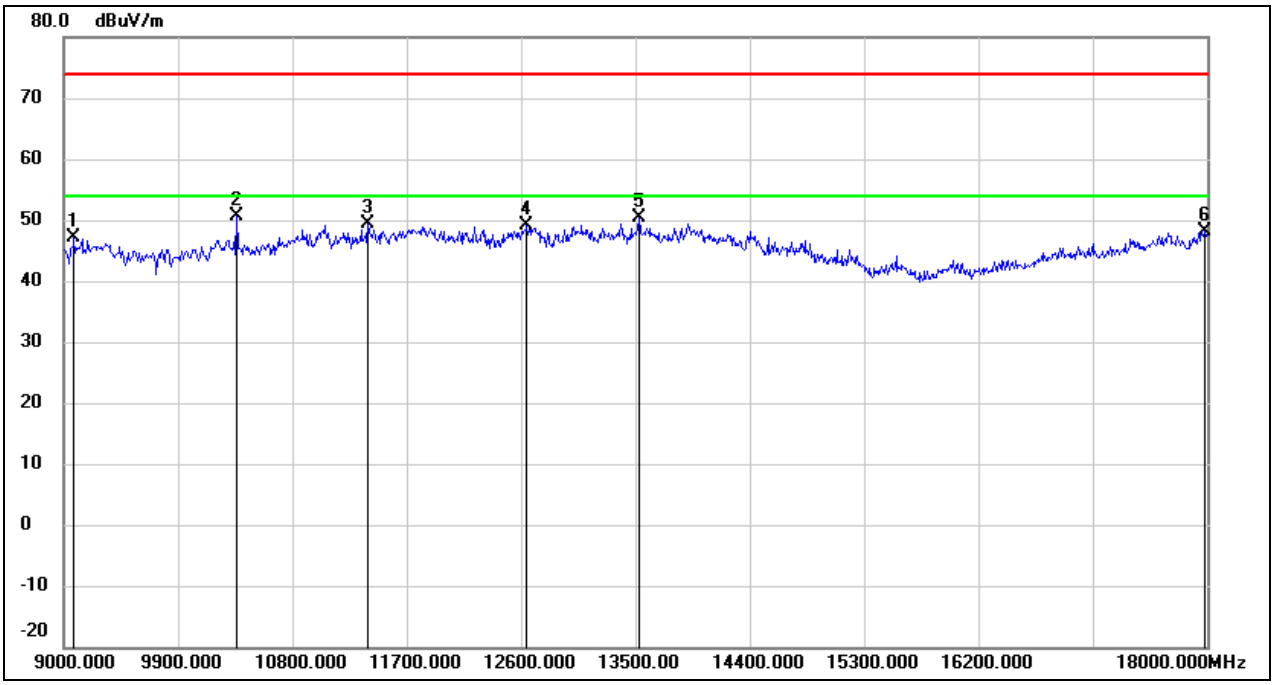
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9207.000	37.12	10.84	47.96	74.00	-26.04	peak
2	10359.000	35.98	12.83	48.81	74.00	-25.19	peak
3	11052.000	34.72	14.94	49.66	74.00	-24.34	peak
4	12663.000	32.03	17.98	50.01	74.00	-23.99	peak
5	13401.000	29.96	20.43	50.39	74.00	-23.61	peak
6	17991.000	24.57	25.11	49.68	74.00	-24.32	peak

Test Mode:	802.11be EHT40	Channel:	6405 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



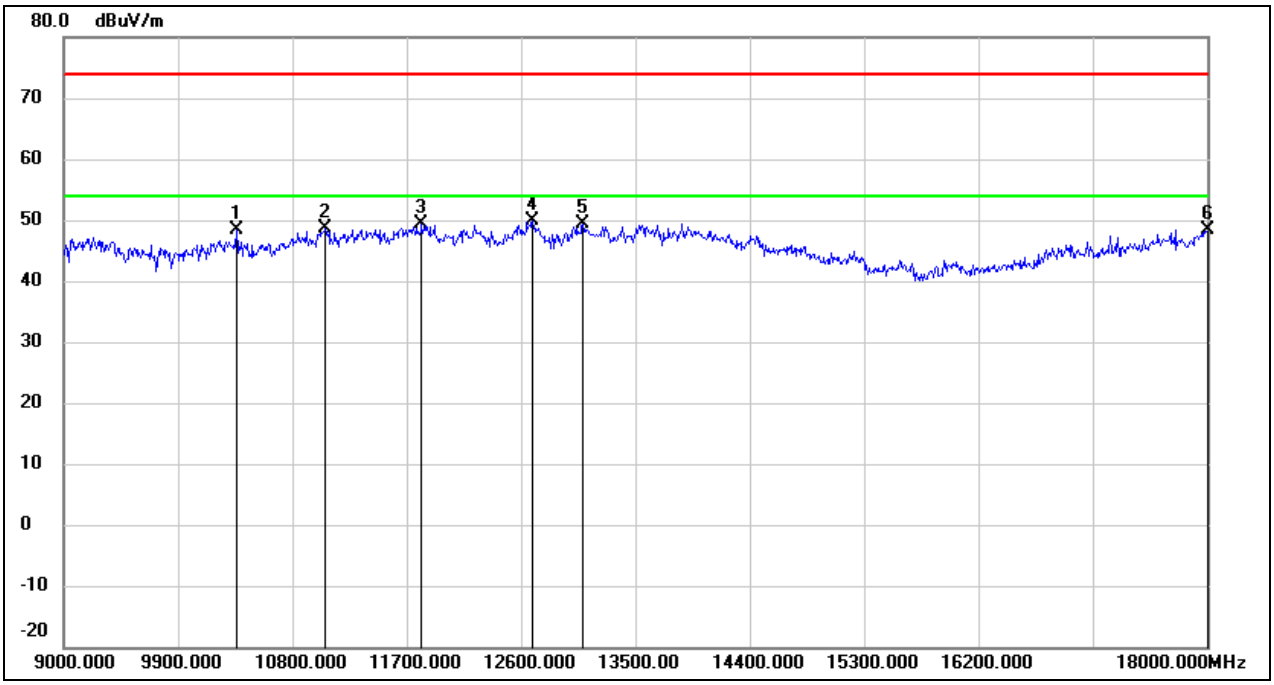
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.70	12.83	50.53	74.00	-23.47	peak
2	11439.000	32.48	16.32	48.80	74.00	-25.20	peak
3	11700.000	33.02	17.08	50.10	74.00	-23.90	peak
4	12690.000	31.69	18.05	49.74	74.00	-24.26	peak
5	14004.000	27.82	21.86	49.68	74.00	-24.32	peak
6	17712.000	24.68	23.32	48.00	74.00	-26.00	peak

Test Mode:	802.11be EHT40	Channel:	6765 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



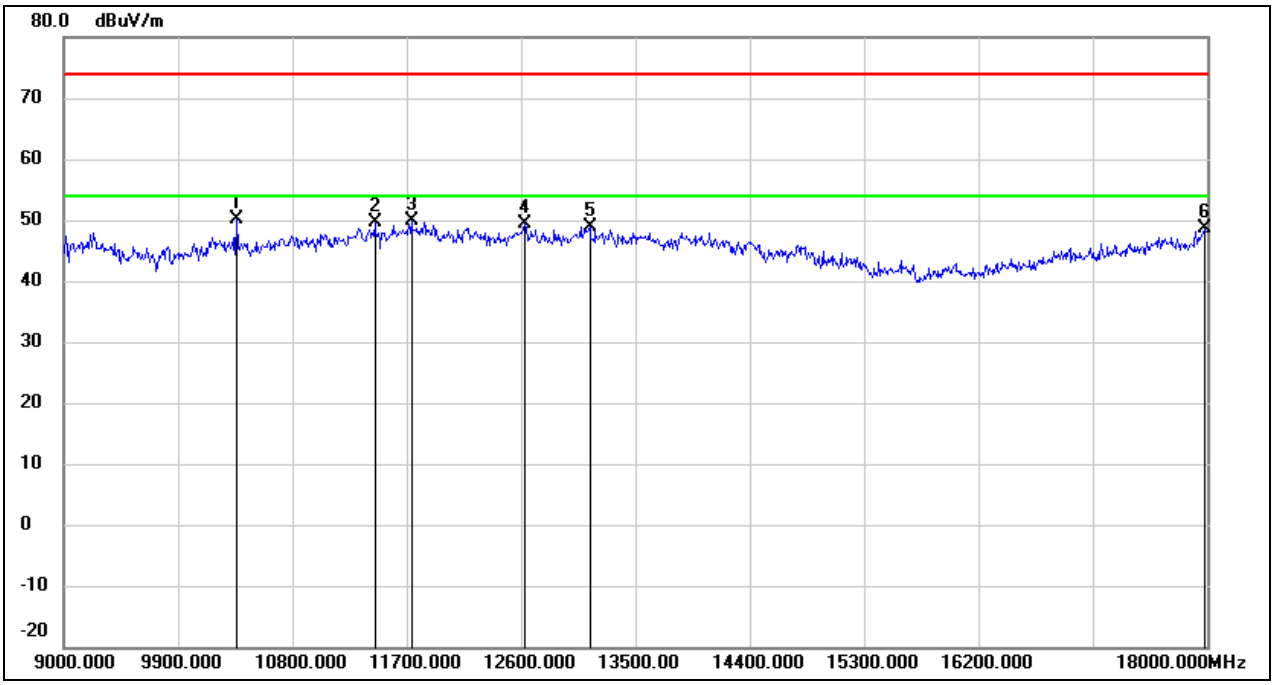
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9081.000	36.42	10.82	47.24	74.00	-26.76	peak
2	10359.000	37.87	12.83	50.70	74.00	-23.30	peak
3	11394.000	33.34	16.15	49.49	74.00	-24.51	peak
4	12645.000	31.32	17.92	49.24	74.00	-24.76	peak
5	13527.000	29.47	20.87	50.34	74.00	-23.66	peak
6	17982.000	23.19	25.04	48.23	74.00	-25.77	peak

Test Mode:	802.11be EHT40	Channel:	6765 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



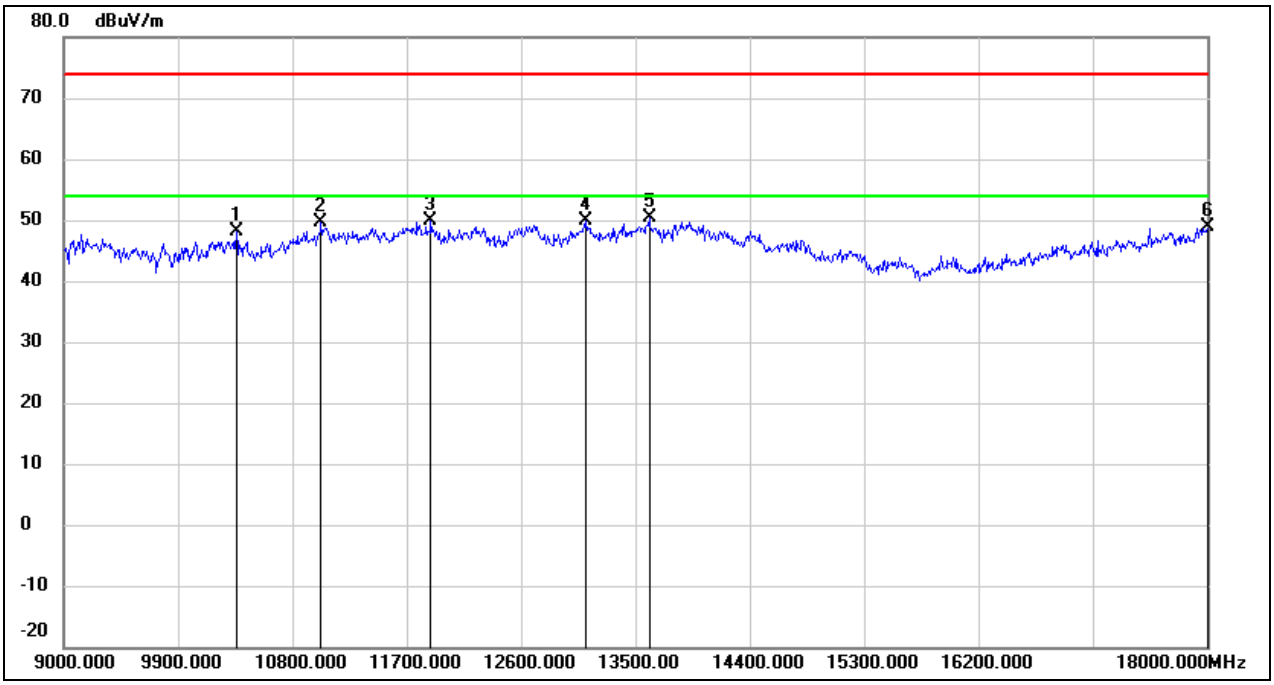
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.45	12.83	48.28	74.00	-25.72	peak
2	11061.000	33.74	14.96	48.70	74.00	-25.30	peak
3	11817.000	32.09	17.40	49.49	74.00	-24.51	peak
4	12690.000	31.84	18.05	49.89	74.00	-24.11	peak
5	13086.000	30.12	19.22	49.34	74.00	-24.66	peak
6	18000.000	23.31	25.16	48.47	74.00	-25.53	peak

Test Mode:	802.11be EHT40	Channel:	6805 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



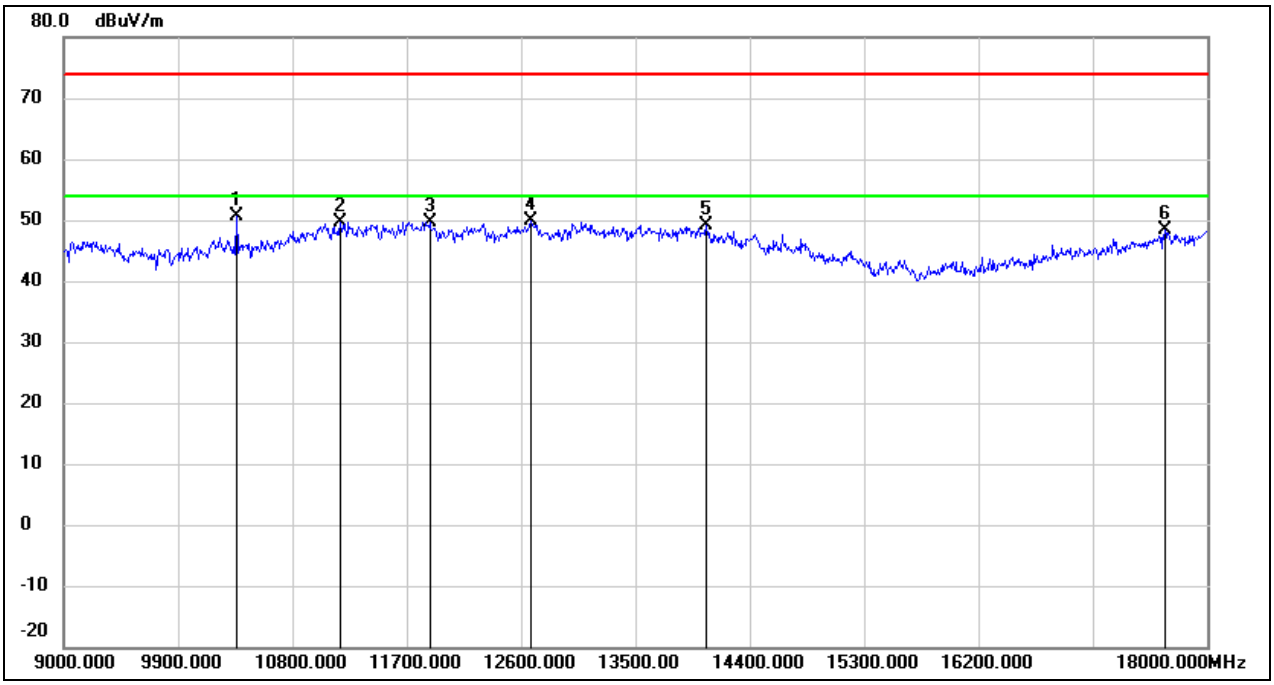
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.24	12.83	50.07	74.00	-23.93	peak
2	11448.000	33.28	16.34	49.62	74.00	-24.38	peak
3	11736.000	32.78	17.18	49.96	74.00	-24.04	peak
4	12627.000	31.55	17.87	49.42	74.00	-24.58	peak
5	13140.000	29.47	19.43	48.90	74.00	-25.10	peak
6	17982.000	23.70	25.04	48.74	74.00	-25.26	peak

Test Mode:	802.11be EHT40	Channel:	6805 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



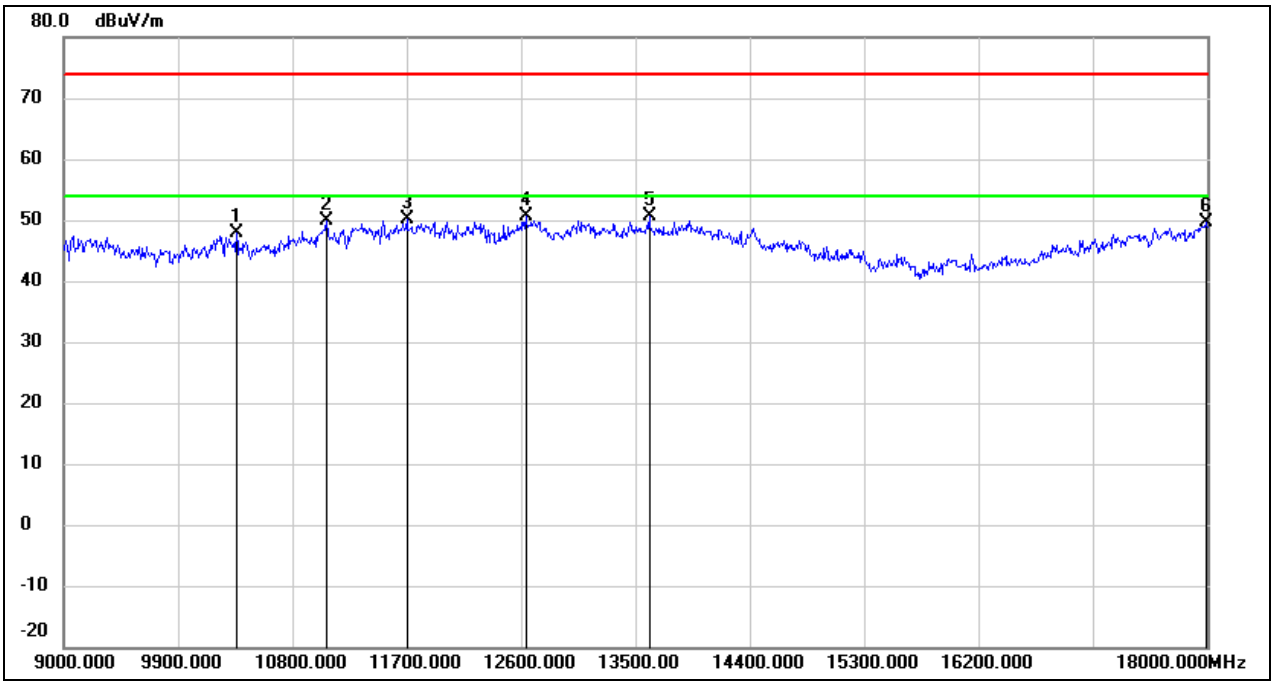
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.34	12.83	48.17	74.00	-25.83	peak
2	11025.000	34.80	14.83	49.63	74.00	-24.37	peak
3	11889.000	32.30	17.60	49.90	74.00	-24.10	peak
4	13113.000	30.43	19.33	49.76	74.00	-24.24	peak
5	13608.000	29.39	21.05	50.44	74.00	-23.56	peak
6	18000.000	23.67	25.16	48.83	74.00	-25.17	peak

Test Mode:	802.11be EHT40	Channel:	6845 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



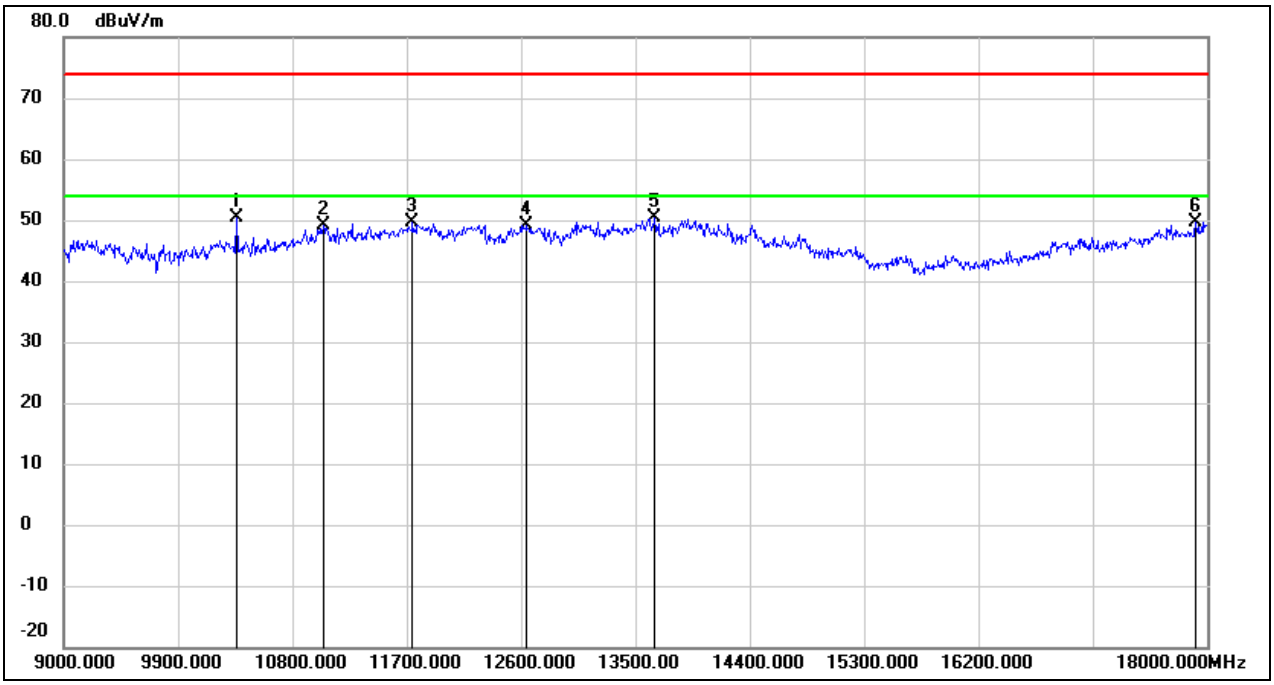
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.73	12.83	50.56	74.00	-23.44	peak
2	11178.000	34.21	15.38	49.59	74.00	-24.41	peak
3	11880.000	32.11	17.58	49.69	74.00	-24.31	peak
4	12672.000	31.87	18.00	49.87	74.00	-24.13	peak
5	14058.000	27.43	21.62	49.05	74.00	-24.95	peak
6	17667.000	25.37	23.02	48.39	74.00	-25.61	peak

Test Mode:	802.11be EHT40	Channel:	6845 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



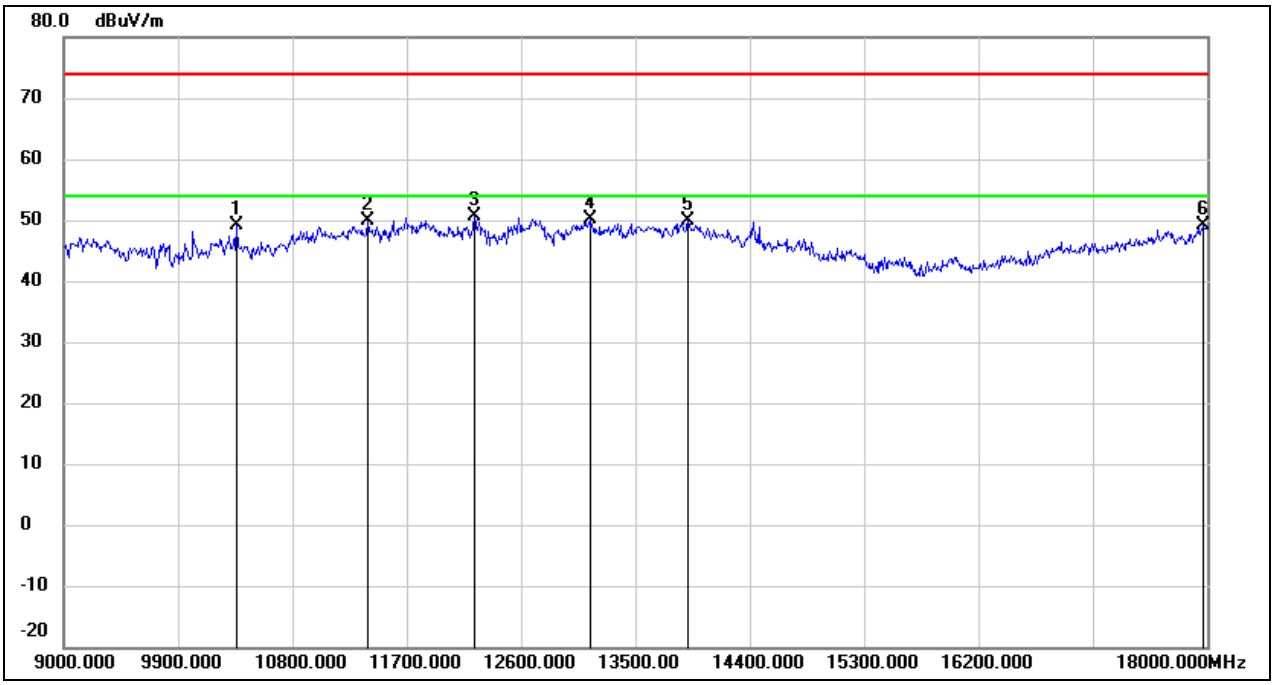
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	34.96	12.83	47.79	74.00	-26.21	peak
2	11070.000	34.82	15.00	49.82	74.00	-24.18	peak
3	11700.000	33.07	17.08	50.15	74.00	-23.85	peak
4	12636.000	32.64	17.90	50.54	74.00	-23.46	peak
5	13608.000	29.56	21.05	50.61	74.00	-23.39	peak
6	17991.000	24.62	25.11	49.73	74.00	-24.27	peak

Test Mode:	802.11be EHT40	Channel:	6885 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



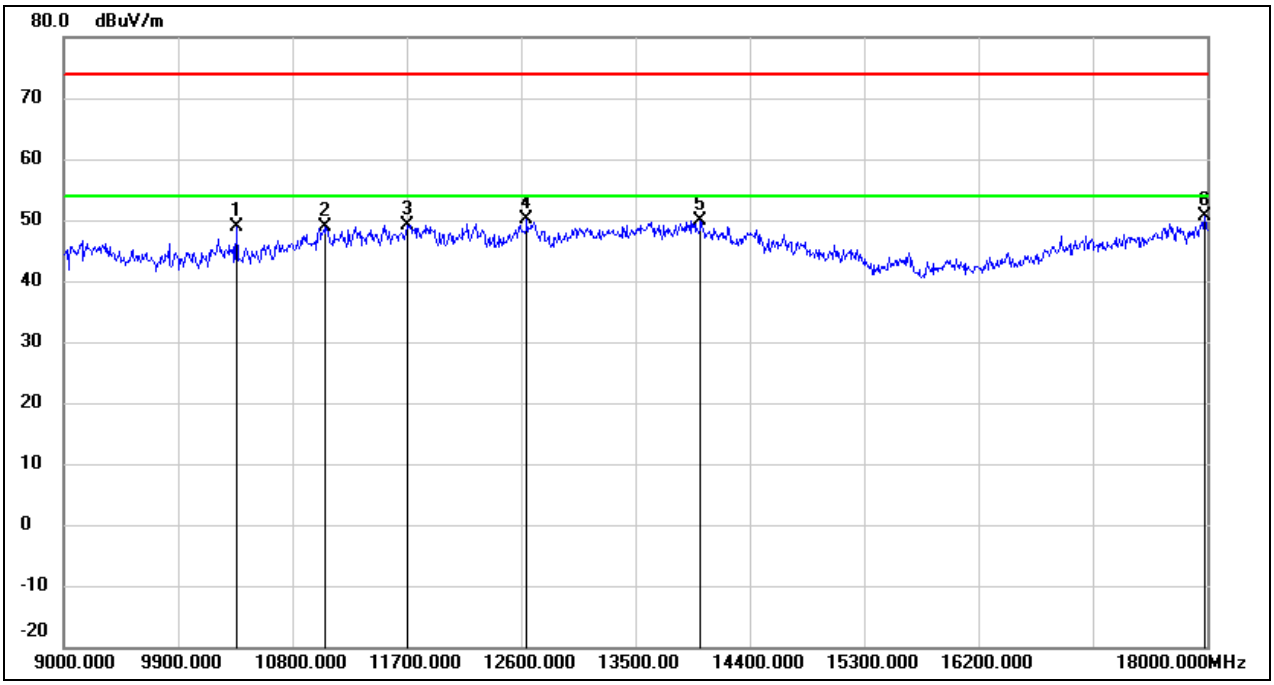
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.62	12.83	50.45	74.00	-23.55	peak
2	11043.000	34.23	14.90	49.13	74.00	-24.87	peak
3	11745.000	32.45	17.21	49.66	74.00	-24.34	peak
4	12645.000	31.22	17.92	49.14	74.00	-24.86	peak
5	13653.000	29.15	21.14	50.29	74.00	-23.71	peak
6	17910.000	24.99	24.59	49.58	74.00	-24.42	peak

Test Mode:	802.11be EHT40	Channel:	6885 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



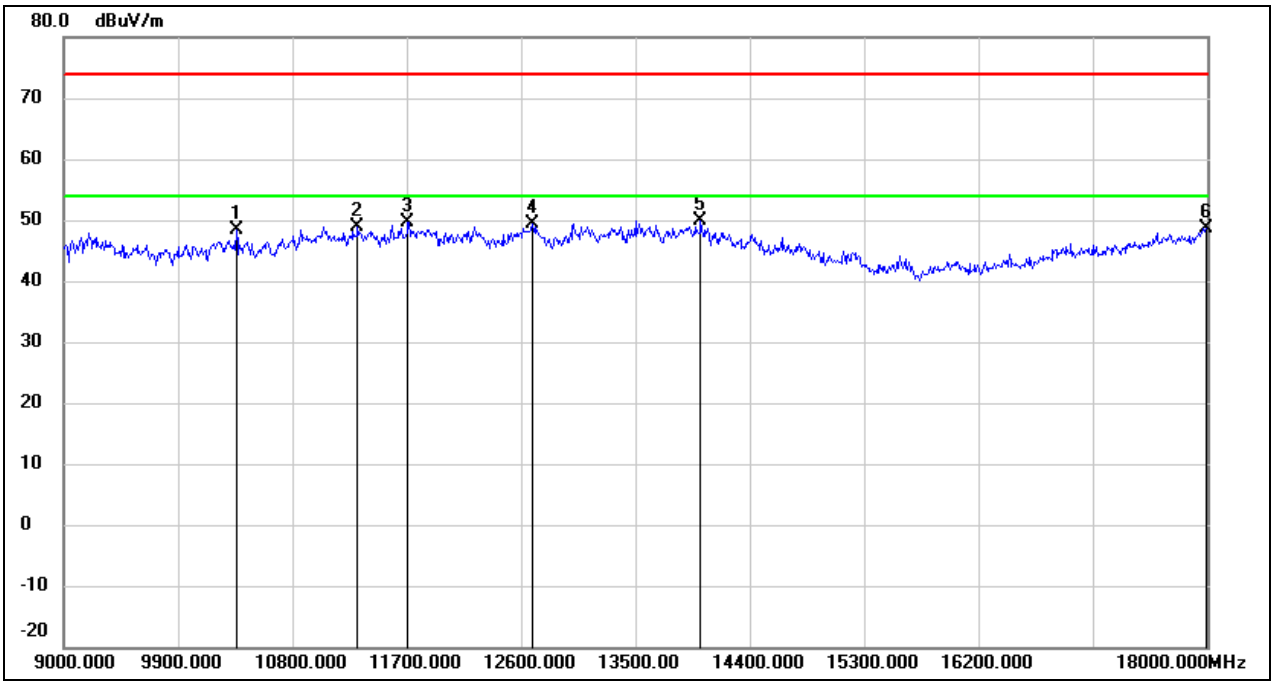
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.37	12.83	49.20	74.00	-24.80	peak
2	11394.000	33.80	16.15	49.95	74.00	-24.05	peak
3	12231.000	32.86	17.73	50.59	74.00	-23.41	peak
4	13140.000	30.58	19.43	50.01	74.00	-23.99	peak
5	13914.000	28.07	21.69	49.76	74.00	-24.24	peak
6	17973.000	24.18	24.99	49.17	74.00	-24.83	peak

Test Mode:	802.11be EHT40	Channel:	7005 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



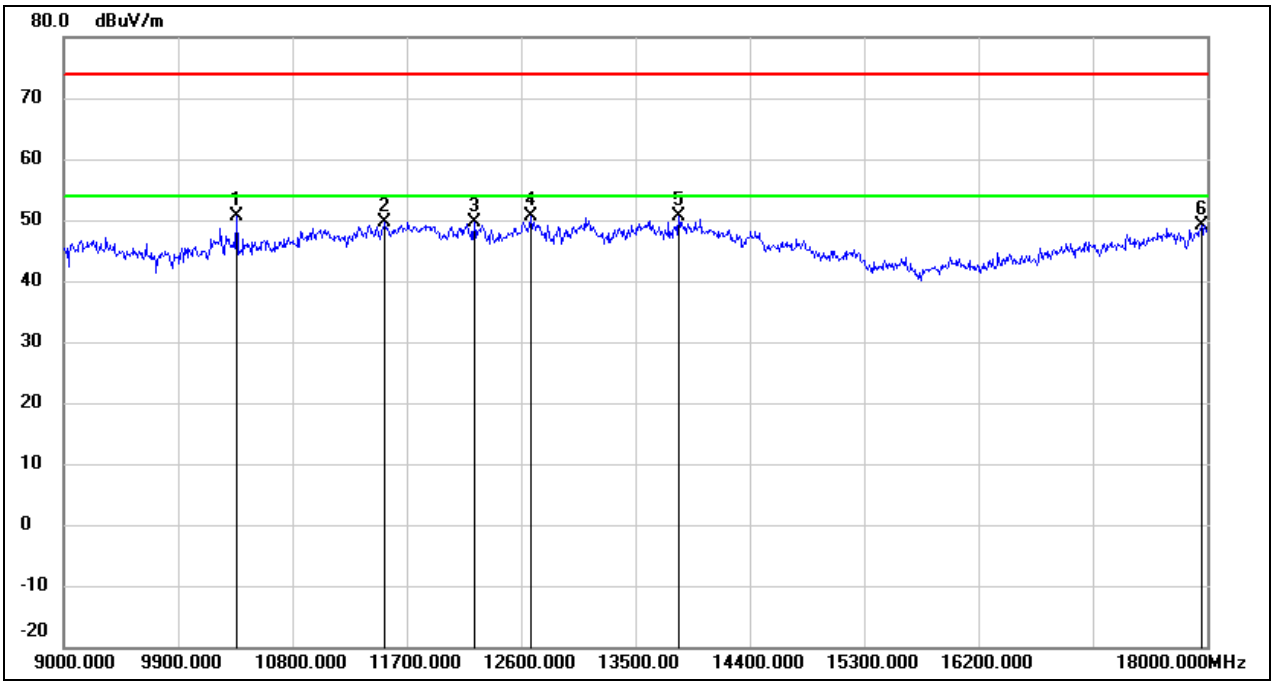
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.95	12.83	48.78	74.00	-25.22	peak
2	11052.000	34.03	14.94	48.97	74.00	-25.03	peak
3	11700.000	32.11	17.08	49.19	74.00	-24.81	peak
4	12645.000	32.27	17.92	50.19	74.00	-23.81	peak
5	14013.000	28.16	21.82	49.98	74.00	-24.02	peak
6	17982.000	25.49	25.04	50.53	74.00	-23.47	peak

Test Mode:	802.11be EHT40	Channel:	7005 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



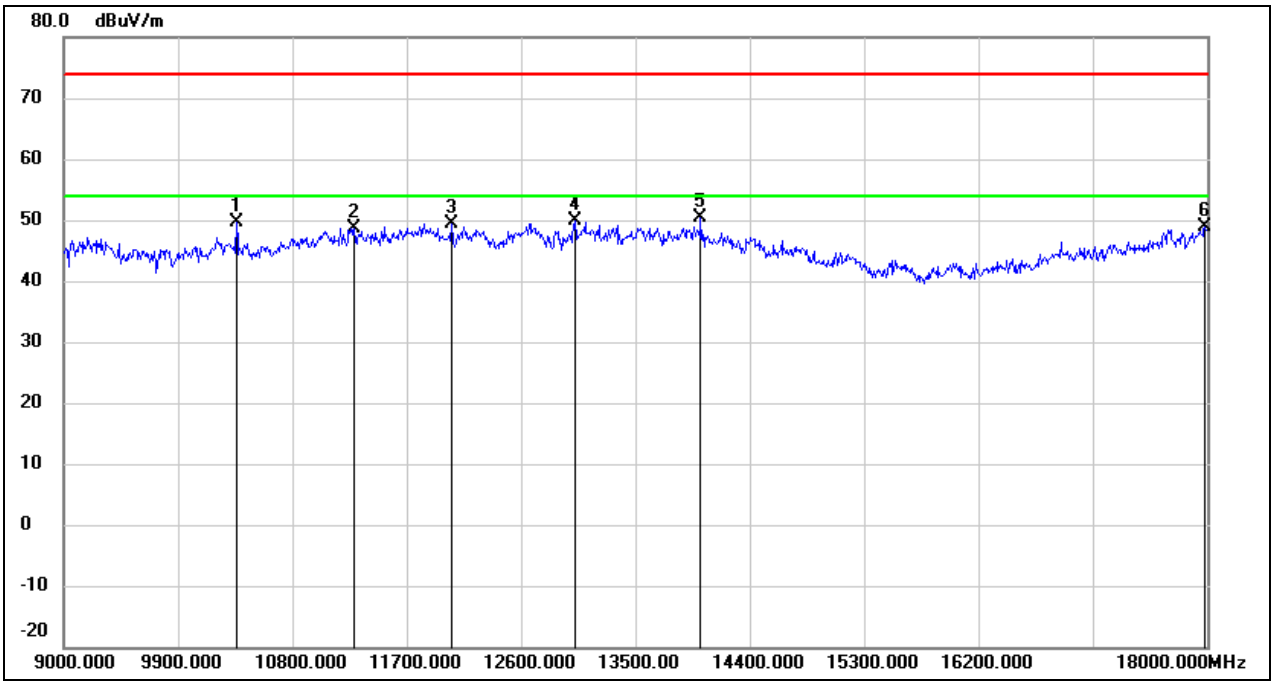
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.67	12.83	48.50	74.00	-25.50	peak
2	11313.000	33.10	15.86	48.96	74.00	-25.04	peak
3	11709.000	32.44	17.11	49.55	74.00	-24.45	peak
4	12690.000	31.33	18.05	49.38	74.00	-24.62	peak
5	14013.000	27.94	21.82	49.76	74.00	-24.24	peak
6	17991.000	23.59	25.11	48.70	74.00	-25.30	peak

Test Mode:	802.11be EHT40	Channel:	7085 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



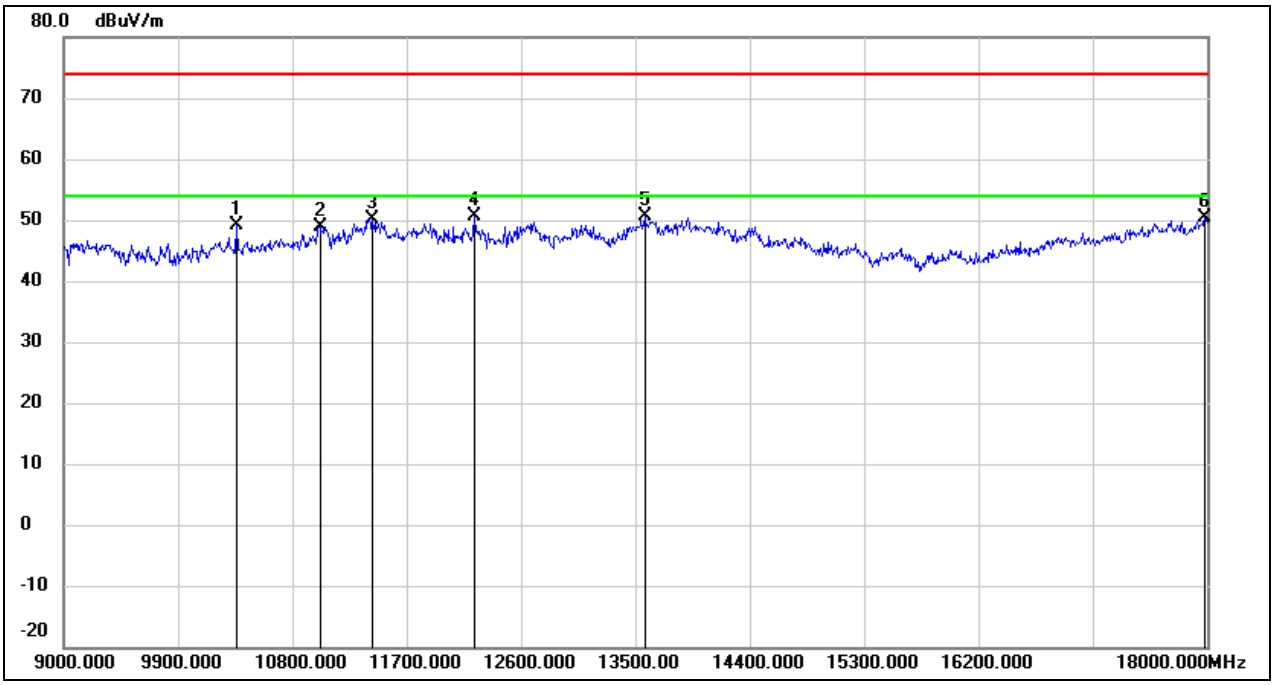
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.75	12.83	50.58	74.00	-23.42	peak
2	11529.000	32.98	16.61	49.59	74.00	-24.41	peak
3	12231.000	31.80	17.73	49.53	74.00	-24.47	peak
4	12681.000	32.53	18.03	50.56	74.00	-23.44	peak
5	13842.000	29.12	21.54	50.66	74.00	-23.34	peak
6	17955.000	24.20	24.87	49.07	74.00	-24.93	peak

Test Mode:	802.11be EHT40	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



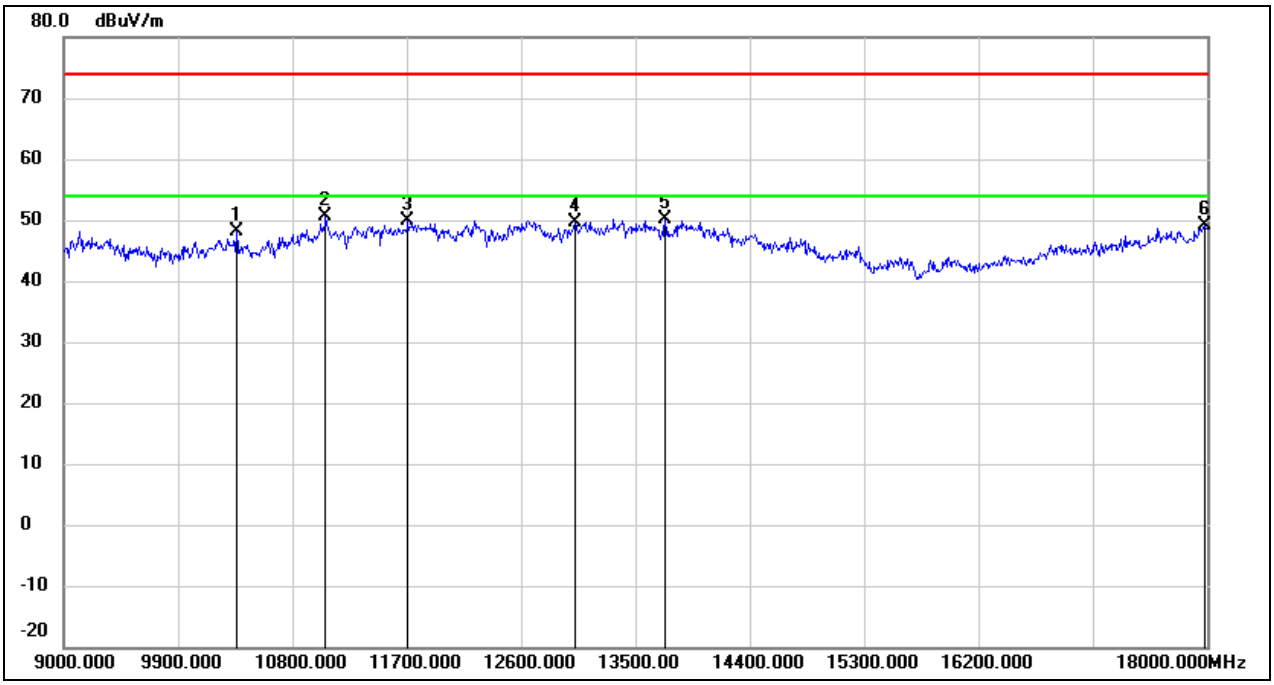
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.75	12.83	49.58	74.00	-24.42	peak
2	11286.000	32.96	15.77	48.73	74.00	-25.27	peak
3	12051.000	31.42	17.87	49.29	74.00	-24.71	peak
4	13023.000	30.90	18.98	49.88	74.00	-24.12	peak
5	14013.000	28.48	21.82	50.30	74.00	-23.70	peak
6	17982.000	23.89	25.04	48.93	74.00	-25.07	peak

Test Mode:	802.11be EHT80	Channel:	6145 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



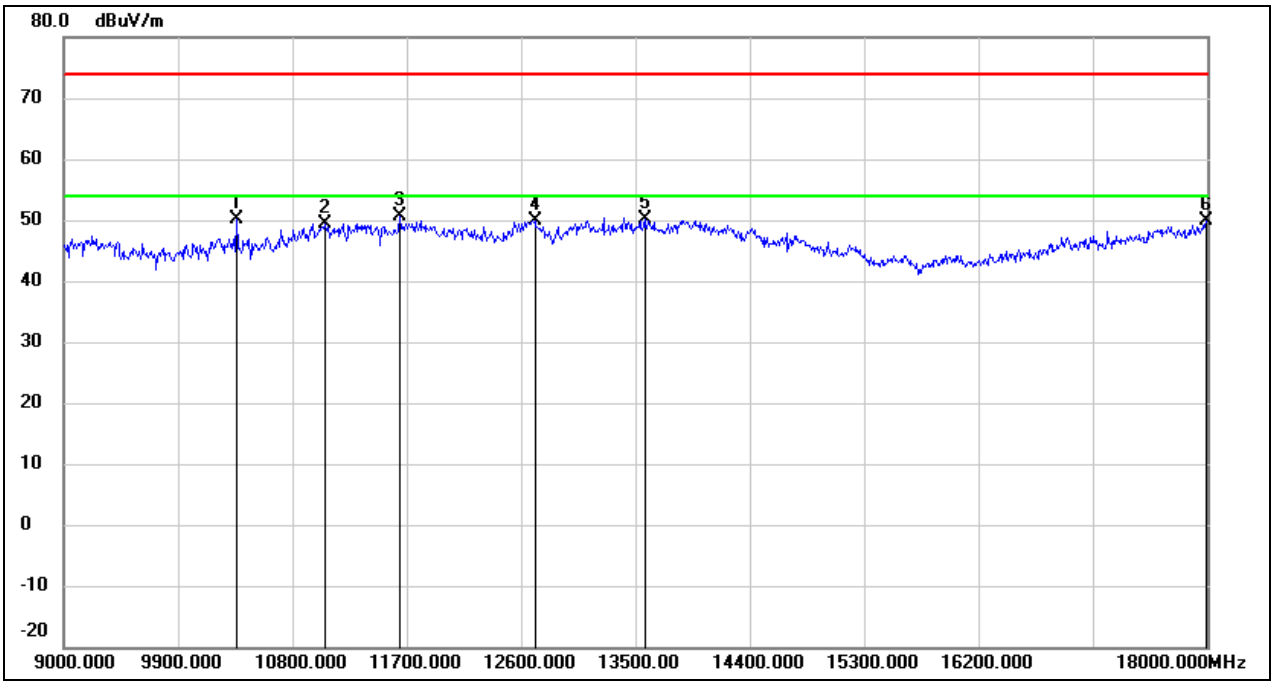
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.29	12.83	49.12	74.00	-24.88	peak
2	11016.000	34.07	14.81	48.88	74.00	-25.12	peak
3	11430.000	33.95	16.28	50.23	74.00	-23.77	peak
4	12231.000	32.94	17.73	50.67	74.00	-23.33	peak
5	13572.000	29.63	20.96	50.59	74.00	-23.41	peak
6	17982.000	25.26	25.04	50.30	74.00	-23.70	peak

Test Mode:	802.11be EHT80	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



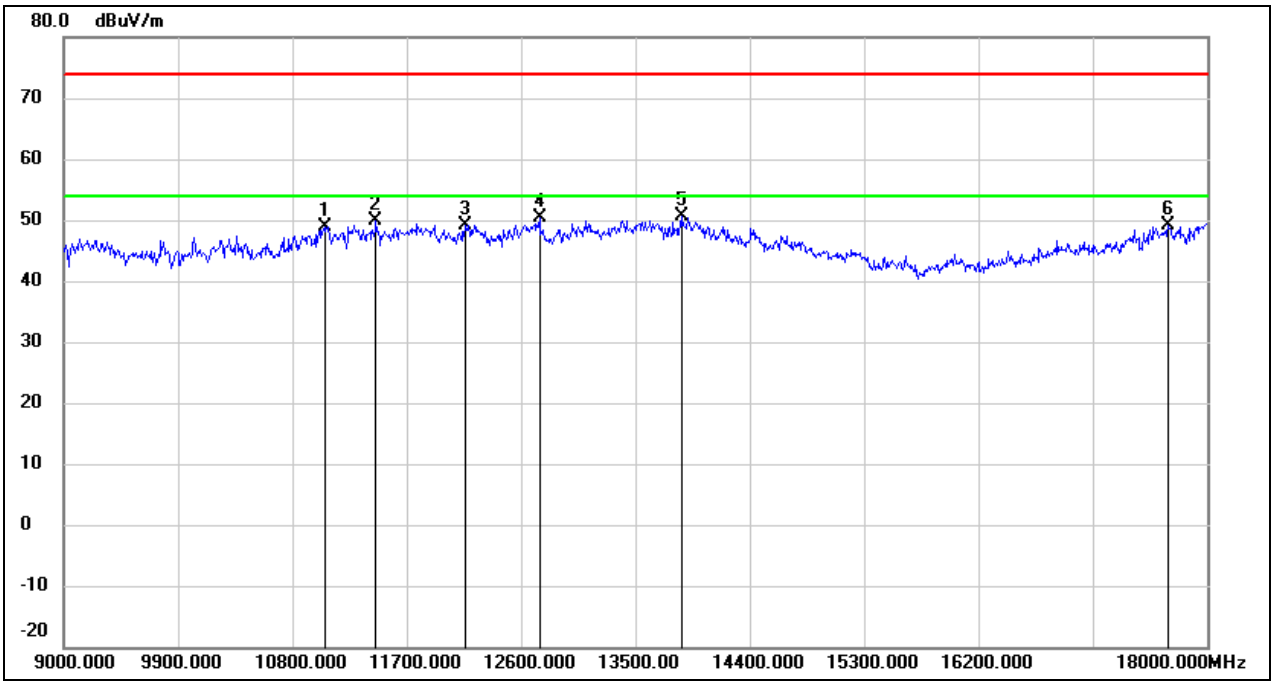
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.37	12.83	48.20	74.00	-25.80	peak
2	11061.000	35.64	14.96	50.60	74.00	-23.40	peak
3	11709.000	32.73	17.11	49.84	74.00	-24.16	peak
4	13023.000	30.55	18.98	49.53	74.00	-24.47	peak
5	13734.000	28.72	21.31	50.03	74.00	-23.97	peak
6	17982.000	23.98	25.04	49.02	74.00	-24.98	peak

Test Mode:	802.11be EHT80	Channel:	6225 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



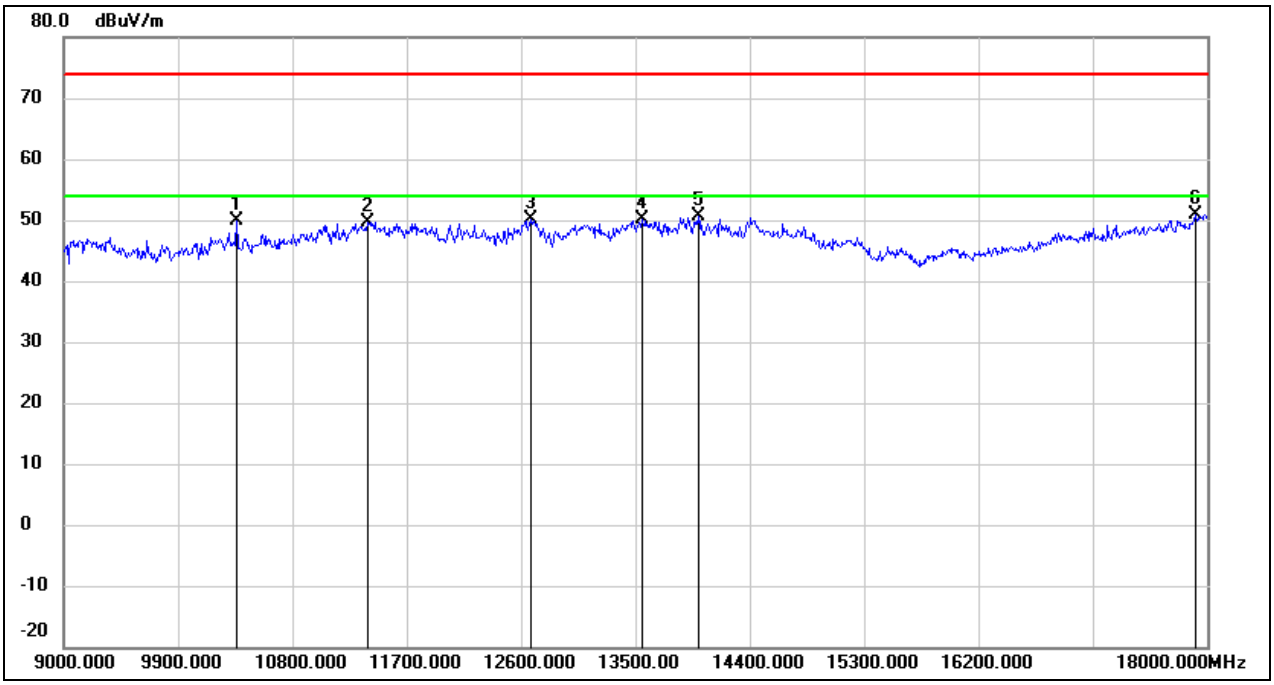
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.19	12.83	50.02	74.00	-23.98	peak
2	11061.000	34.44	14.96	49.40	74.00	-24.60	peak
3	11646.000	33.65	16.94	50.59	74.00	-23.41	peak
4	12708.000	31.85	18.10	49.95	74.00	-24.05	peak
5	13572.000	29.27	20.96	50.23	74.00	-23.77	peak
6	17991.000	24.79	25.11	49.90	74.00	-24.10	peak

Test Mode:	802.11be EHT80	Channel:	6225 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



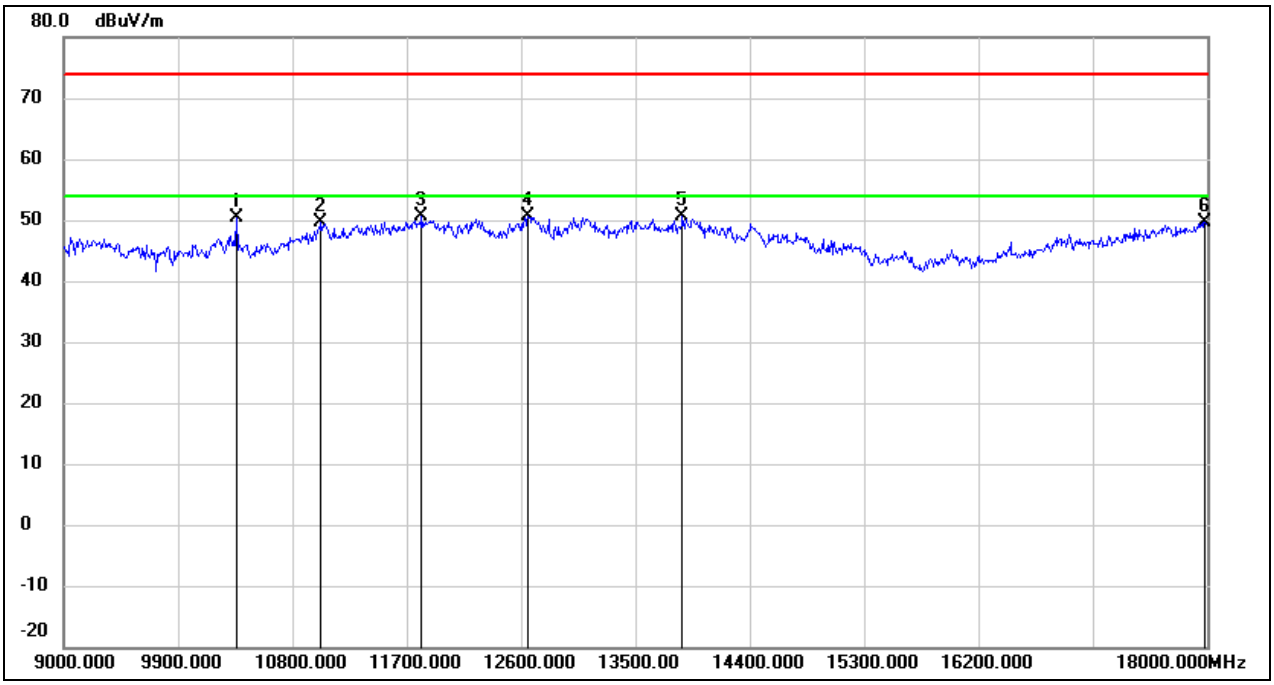
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11052.000	33.88	14.94	48.82	74.00	-25.18	peak
2	11457.000	33.38	16.38	49.76	74.00	-24.24	peak
3	12159.000	31.39	17.78	49.17	74.00	-24.83	peak
4	12744.000	32.21	18.19	50.40	74.00	-23.60	peak
5	13869.000	28.98	21.59	50.57	74.00	-23.43	peak
6	17694.000	25.91	23.20	49.11	74.00	-24.89	peak

Test Mode:	802.11be EHT80	Channel:	6385 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



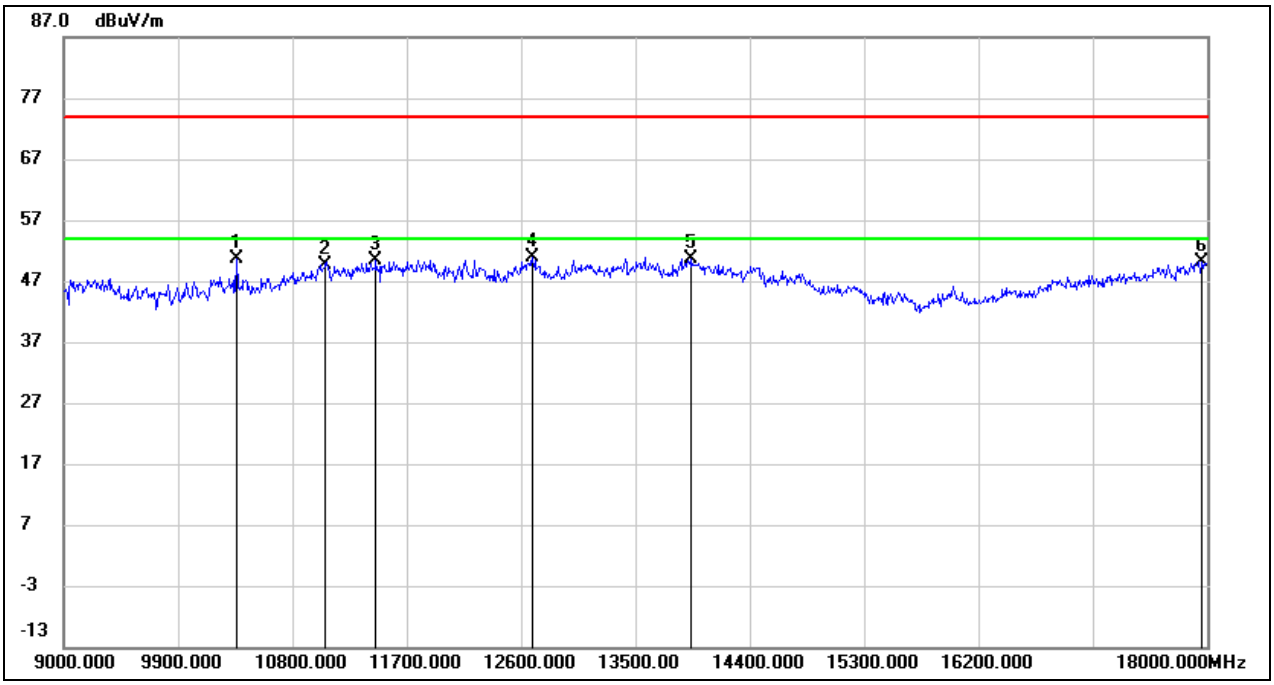
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.94	12.83	49.77	74.00	-24.23	peak
2	11394.000	33.49	16.15	49.64	74.00	-24.36	peak
3	12672.000	32.15	18.00	50.15	74.00	-23.85	peak
4	13554.000	29.13	20.92	50.05	74.00	-23.95	peak
5	13995.000	28.71	21.87	50.58	74.00	-23.42	peak
6	17910.000	26.39	24.59	50.98	74.00	-23.02	peak

Test Mode:	802.11be EHT80	Channel:	6385 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



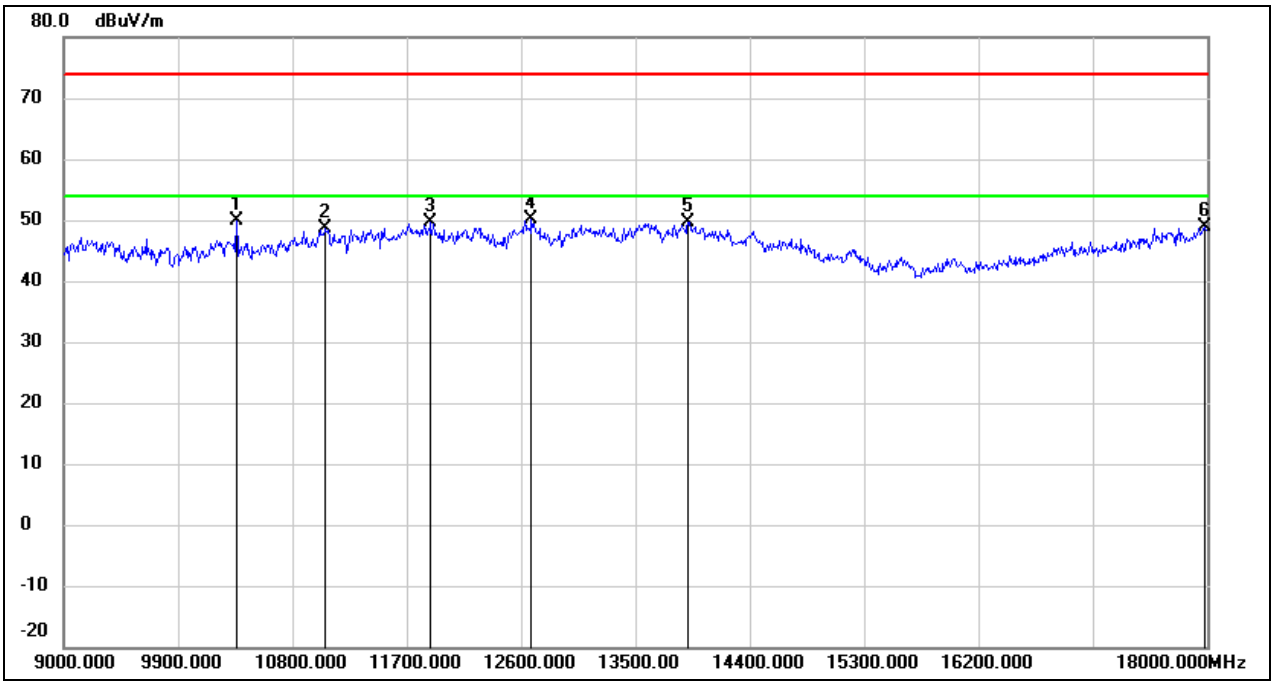
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.59	12.83	50.42	74.00	-23.58	peak
2	11025.000	34.76	14.83	49.59	74.00	-24.41	peak
3	11817.000	33.18	17.40	50.58	74.00	-23.42	peak
4	12654.000	32.60	17.94	50.54	74.00	-23.46	peak
5	13869.000	28.92	21.59	50.51	74.00	-23.49	peak
6	17982.000	24.58	25.04	49.62	74.00	-24.38	peak

Test Mode:	802.11be EHT80	Channel:	6785 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



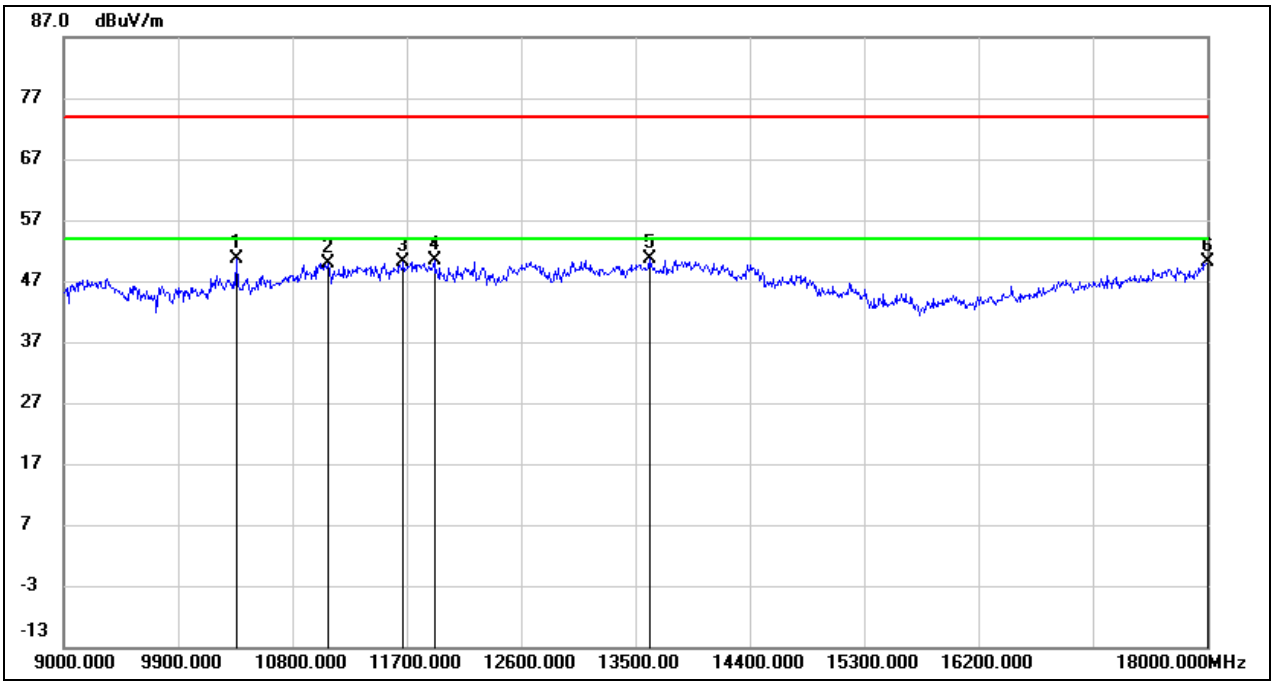
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.76	12.83	50.59	74.00	-23.41	peak
2	11061.000	34.73	14.96	49.69	74.00	-24.31	peak
3	11457.000	34.09	16.38	50.47	74.00	-23.53	peak
4	12690.000	32.71	18.05	50.76	74.00	-23.24	peak
5	13941.000	28.98	21.75	50.73	74.00	-23.27	peak
6	17955.000	25.24	24.87	50.11	74.00	-23.89	peak

Test Mode:	802.11be EHT80	Channel:	6785 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



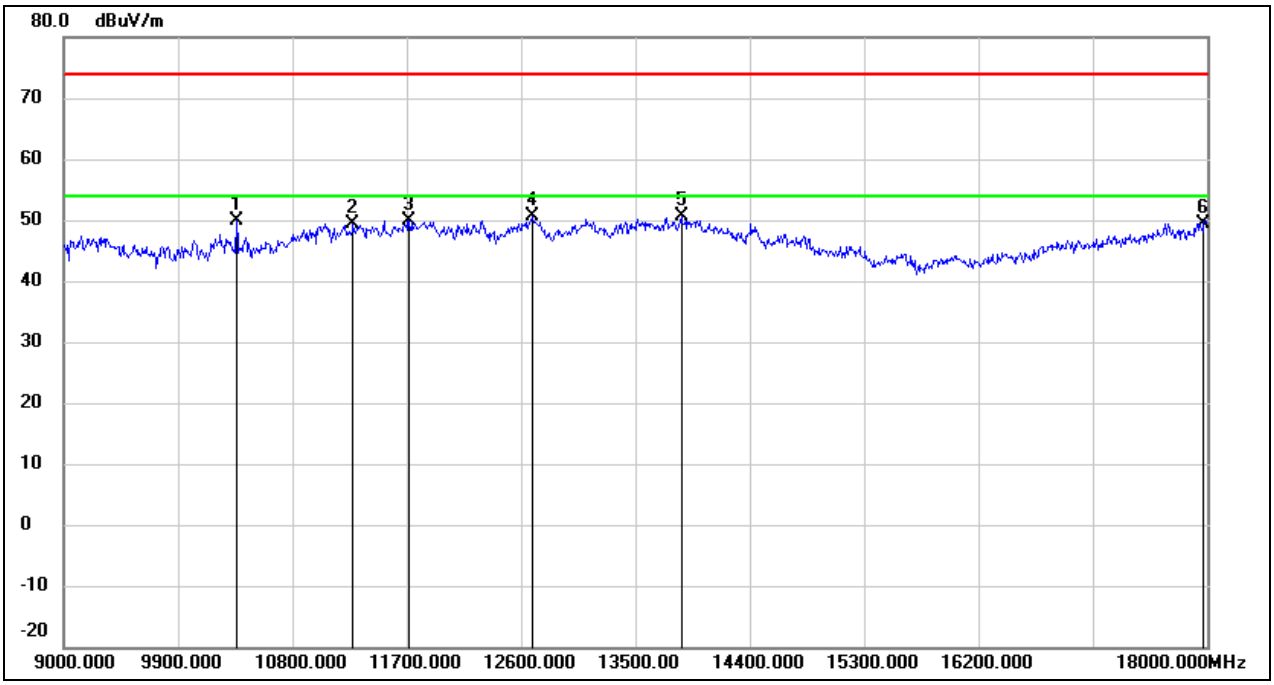
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.13	12.83	49.96	74.00	-24.04	peak
2	11061.000	33.69	14.96	48.65	74.00	-25.35	peak
3	11889.000	31.91	17.60	49.51	74.00	-24.49	peak
4	12681.000	32.20	18.03	50.23	74.00	-23.77	peak
5	13914.000	28.02	21.69	49.71	74.00	-24.29	peak
6	17982.000	23.87	25.04	48.91	74.00	-25.09	peak

Test Mode:	802.11be EHT80	Channel:	6865 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



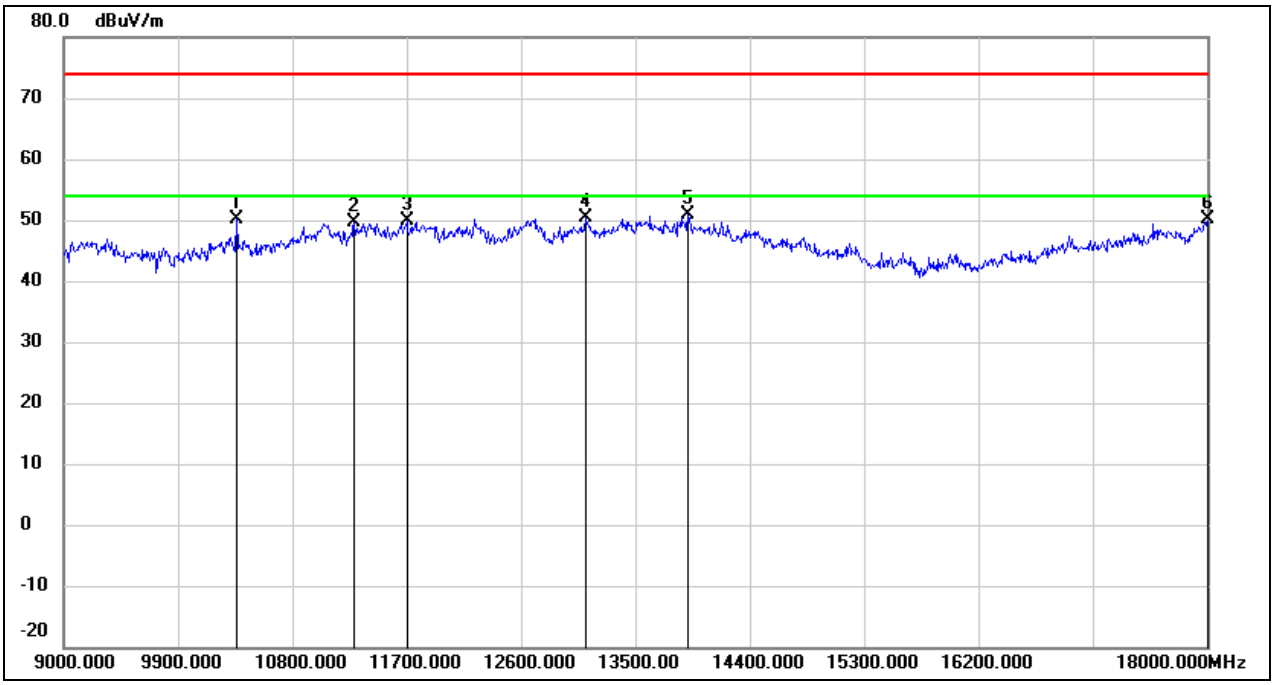
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.69	12.83	50.52	74.00	-23.48	peak
2	11079.000	34.84	15.03	49.87	74.00	-24.13	peak
3	11673.000	33.01	17.00	50.01	74.00	-23.99	peak
4	11916.000	32.77	17.68	50.45	74.00	-23.55	peak
5	13608.000	29.46	21.05	50.51	74.00	-23.49	peak
6	18000.000	24.93	25.16	50.09	74.00	-23.91	peak

Test Mode:	802.11be EHT80	Channel:	6865 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



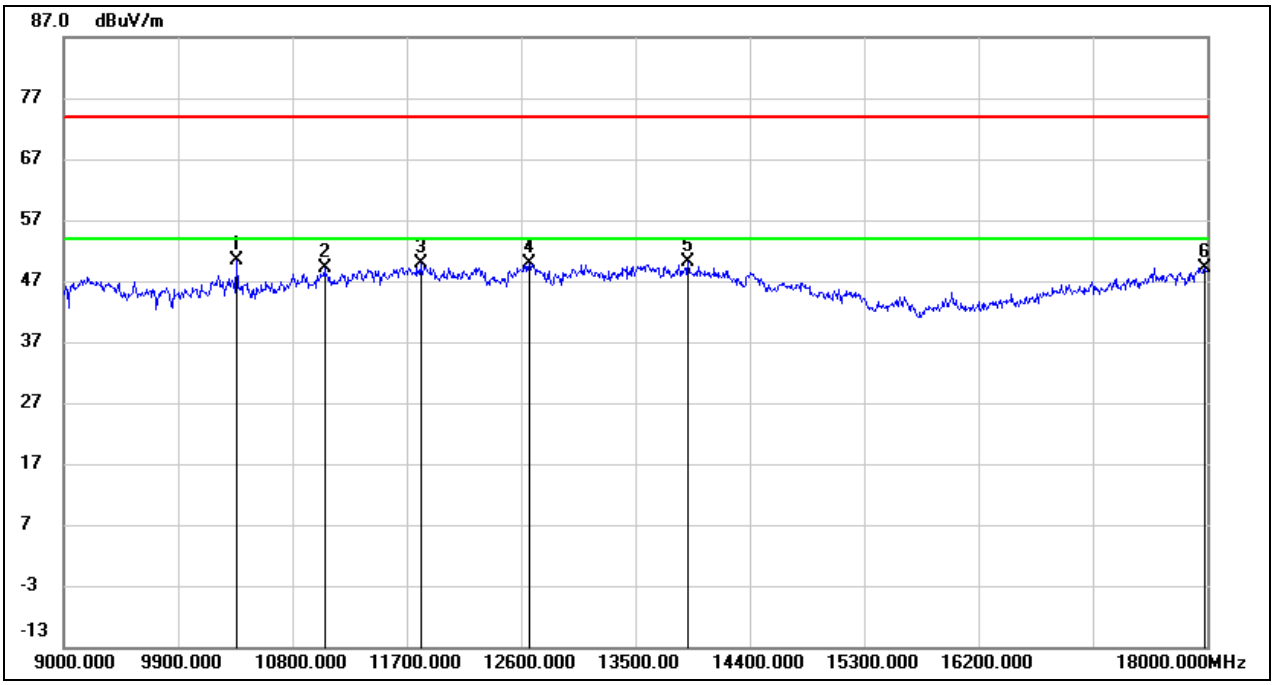
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.07	12.83	49.90	74.00	-24.10	peak
2	11277.000	33.66	15.73	49.39	74.00	-24.61	peak
3	11718.000	32.78	17.13	49.91	74.00	-24.09	peak
4	12690.000	32.69	18.05	50.74	74.00	-23.26	peak
5	13860.000	29.04	21.59	50.63	74.00	-23.37	peak
6	17973.000	24.49	24.99	49.48	74.00	-24.52	peak

Test Mode:	802.11be EHT80	Channel:	6945 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



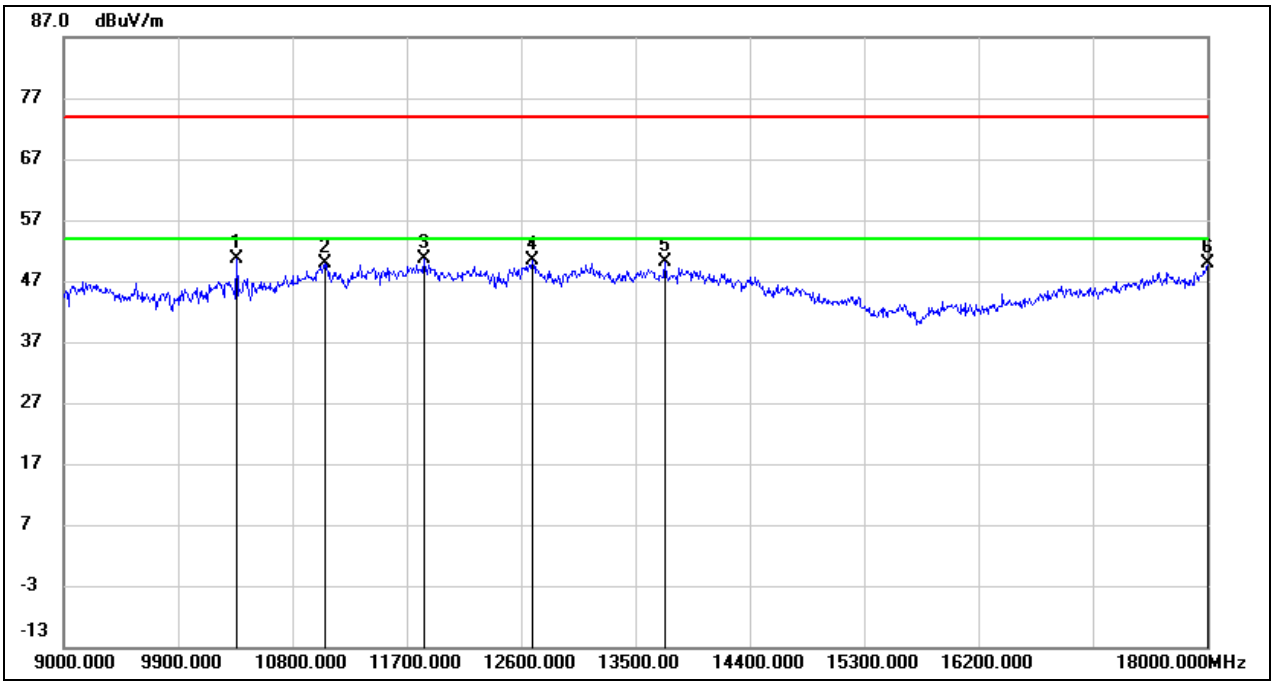
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.35	12.83	50.18	74.00	-23.82	peak
2	11286.000	33.81	15.77	49.58	74.00	-24.42	peak
3	11700.000	32.81	17.08	49.89	74.00	-24.11	peak
4	13104.000	30.98	19.29	50.27	74.00	-23.73	peak
5	13914.000	29.29	21.69	50.98	74.00	-23.02	peak
6	18000.000	25.07	25.16	50.23	74.00	-23.77	peak

Test Mode:	802.11be EHT80	Channel:	6945 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



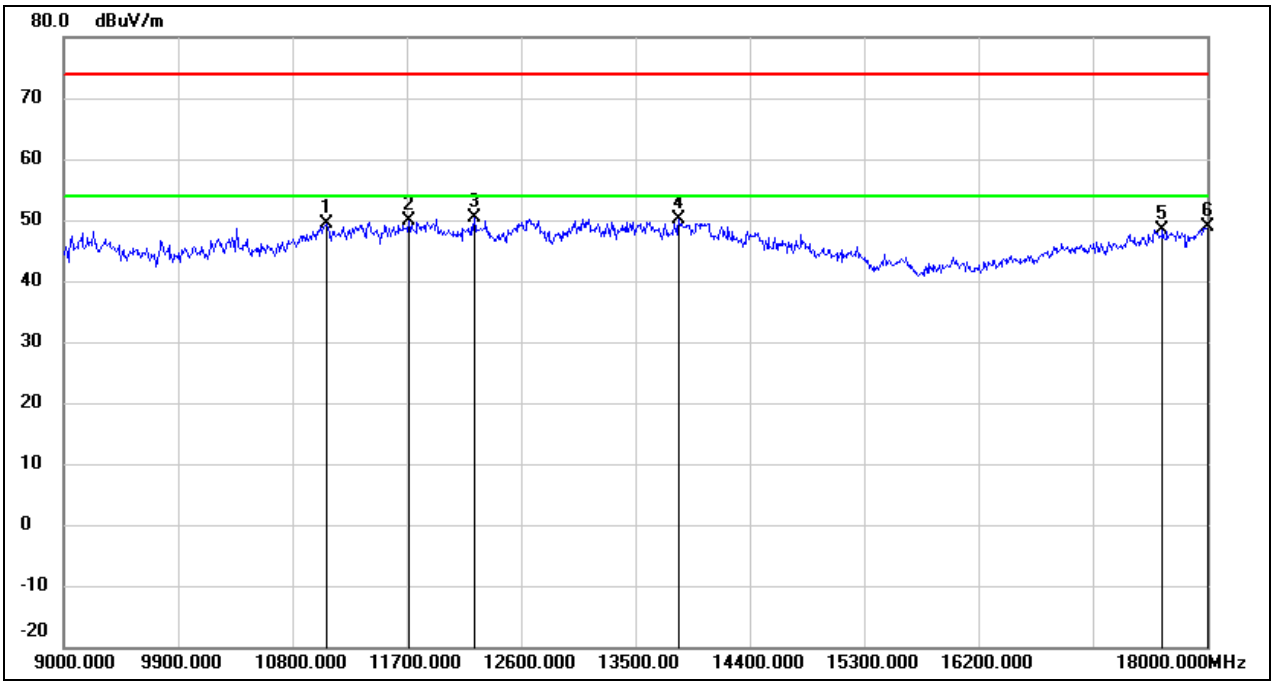
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.61	12.83	50.44	74.00	-23.56	peak
2	11052.000	34.11	14.94	49.05	74.00	-24.95	peak
3	11808.000	32.58	17.38	49.96	74.00	-24.04	peak
4	12663.000	31.82	17.98	49.80	74.00	-24.20	peak
5	13914.000	28.49	21.69	50.18	74.00	-23.82	peak
6	17982.000	24.21	25.04	49.25	74.00	-24.75	peak

Test Mode:	802.11be EHT80	Channel:	7025 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



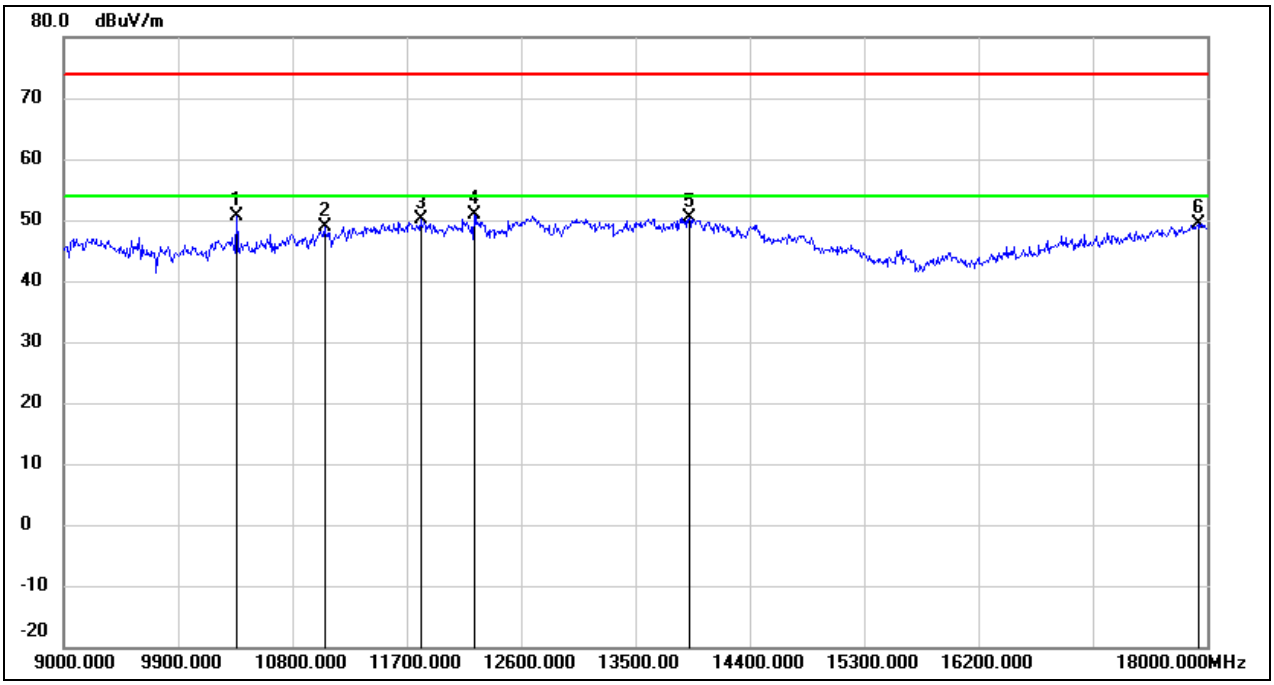
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.69	12.83	50.52	74.00	-23.48	peak
2	11052.000	34.92	14.94	49.86	74.00	-24.14	peak
3	11835.000	33.18	17.46	50.64	74.00	-23.36	peak
4	12690.000	32.30	18.05	50.35	74.00	-23.65	peak
5	13734.000	28.83	21.31	50.14	74.00	-23.86	peak
6	18000.000	24.60	25.16	49.76	74.00	-24.24	peak

Test Mode:	802.11be EHT80	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



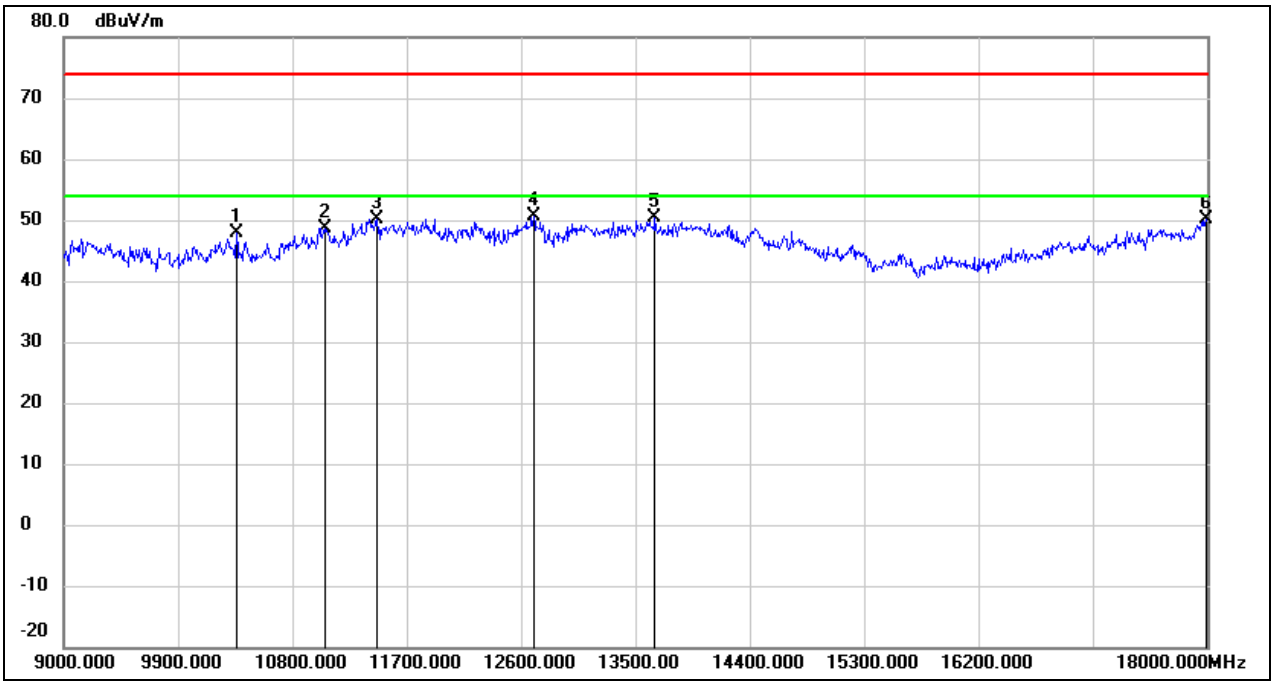
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11070.000	34.50	15.00	49.50	74.00	-24.50	peak
2	11718.000	32.76	17.13	49.89	74.00	-24.11	peak
3	12231.000	32.74	17.73	50.47	74.00	-23.53	peak
4	13842.000	28.66	21.54	50.20	74.00	-23.80	peak
5	17649.000	25.54	22.91	48.45	74.00	-25.55	peak
6	18000.000	23.61	25.16	48.77	74.00	-25.23	peak

Test Mode:	802.11be EHT160	Channel:	6185 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



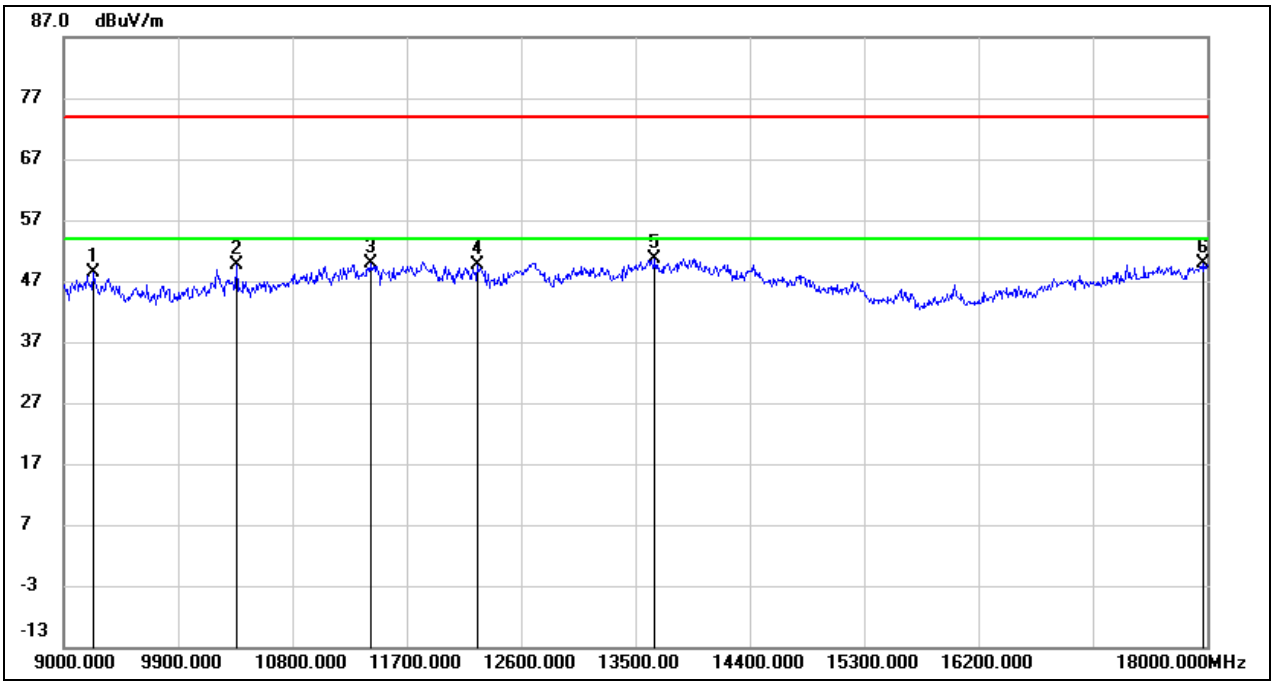
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.81	12.83	50.64	74.00	-23.36	peak
2	11052.000	34.04	14.94	48.98	74.00	-25.02	peak
3	11808.000	32.64	17.38	50.02	74.00	-23.98	peak
4	12231.000	33.24	17.73	50.97	74.00	-23.03	peak
5	13923.000	28.68	21.72	50.40	74.00	-23.60	peak
6	17928.000	24.78	24.70	49.48	74.00	-24.52	peak

Test Mode:	802.11be EHT160	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



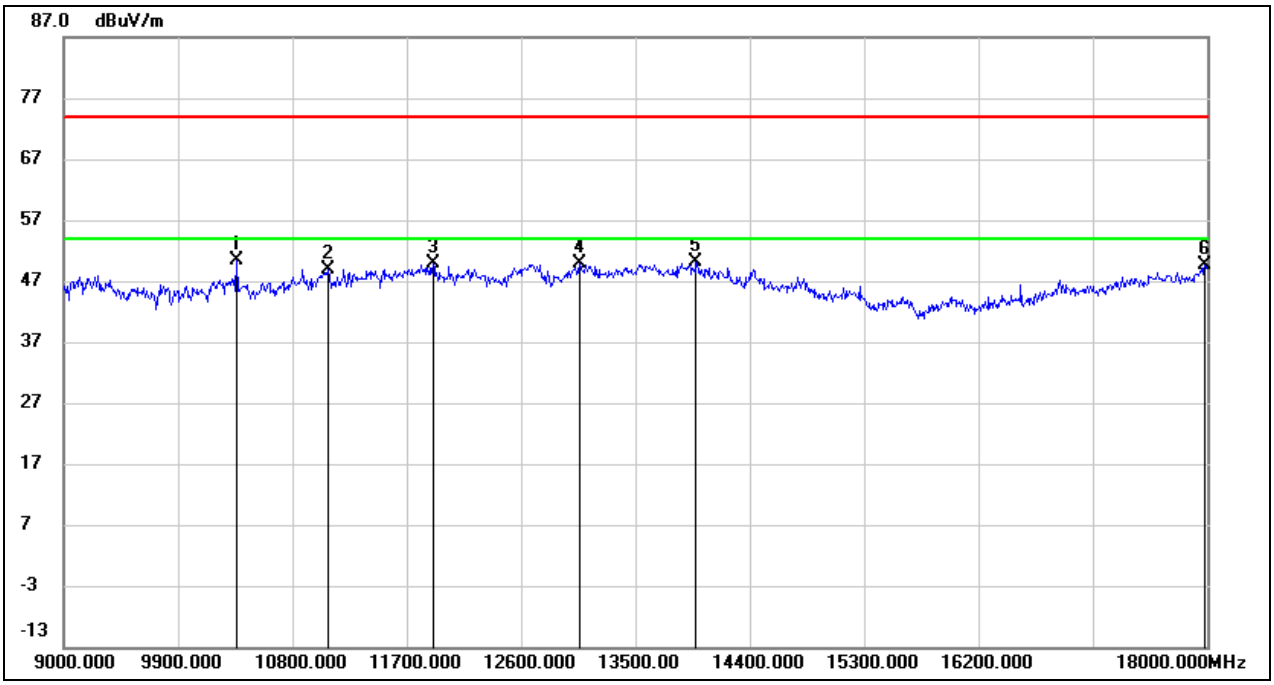
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.01	12.83	47.84	74.00	-26.16	peak
2	11061.000	33.66	14.96	48.62	74.00	-25.38	peak
3	11466.000	33.82	16.41	50.23	74.00	-23.77	peak
4	12699.000	32.50	18.07	50.57	74.00	-23.43	peak
5	13653.000	29.27	21.14	50.41	74.00	-23.59	peak
6	17991.000	24.93	25.11	50.04	74.00	-23.96	peak

Test Mode:	802.11be EHT160	Channel:	6345 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



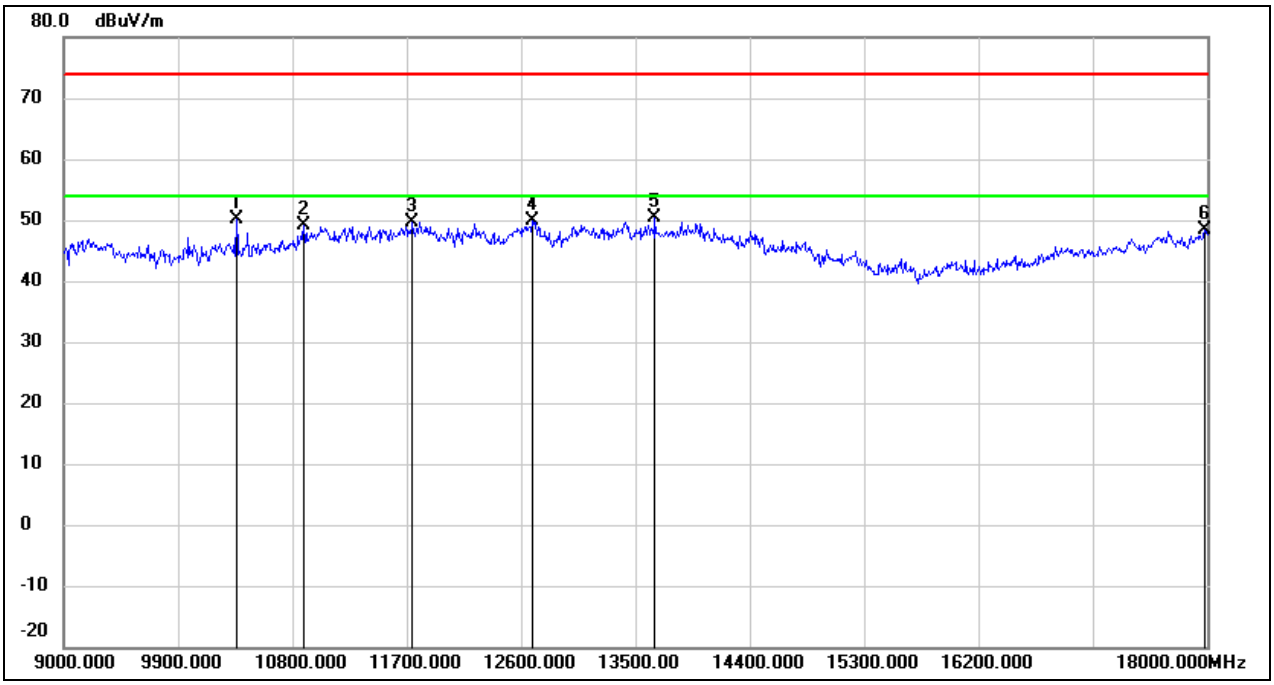
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9234.000	37.48	10.84	48.32	74.00	-25.68	peak
2	10359.000	36.68	12.83	49.51	74.00	-24.49	peak
3	11412.000	33.64	16.22	49.86	74.00	-24.14	peak
4	12258.000	31.82	17.72	49.54	74.00	-24.46	peak
5	13653.000	29.41	21.14	50.55	74.00	-23.45	peak
6	17964.000	24.97	24.92	49.89	74.00	-24.11	peak

Test Mode:	802.11be EHT160	Channel:	6345 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



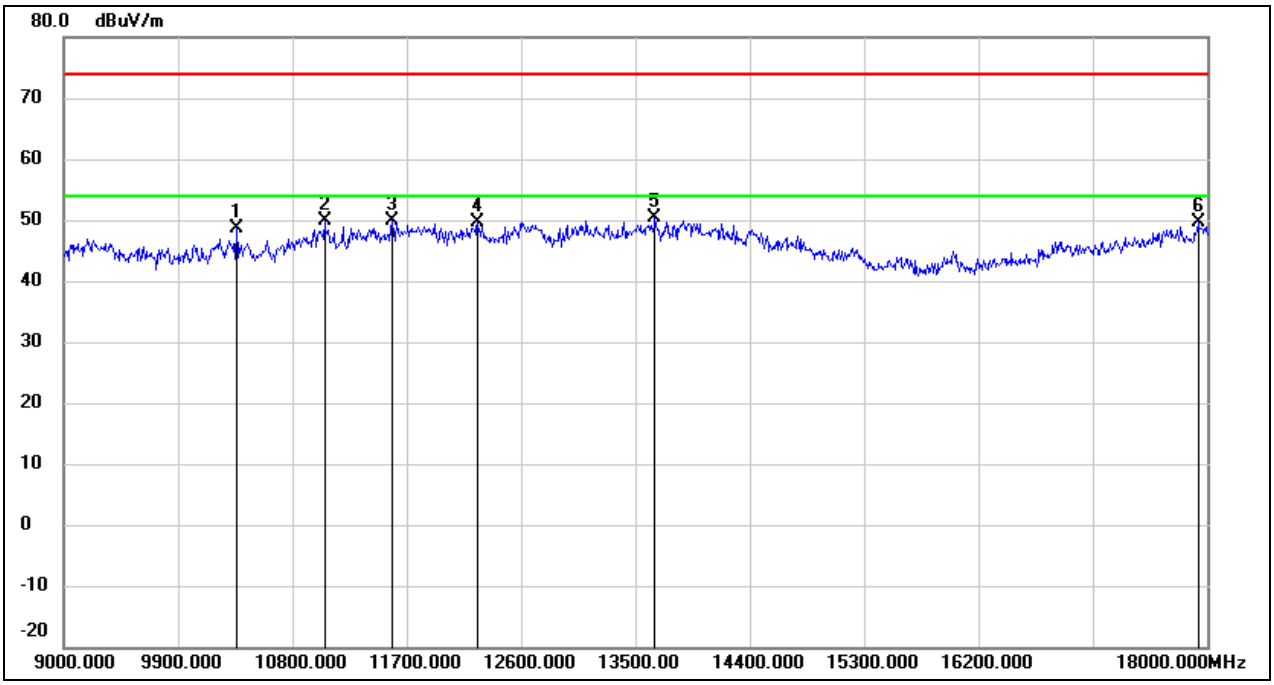
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.59	12.83	50.42	74.00	-23.58	peak
2	11079.000	33.94	15.03	48.97	74.00	-25.03	peak
3	11907.000	32.21	17.66	49.87	74.00	-24.13	peak
4	13059.000	30.69	19.11	49.80	74.00	-24.20	peak
5	13977.000	28.19	21.83	50.02	74.00	-23.98	peak
6	17982.000	24.53	25.04	49.57	74.00	-24.43	peak

Test Mode:	802.11be EHT160	Channel:	6825 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



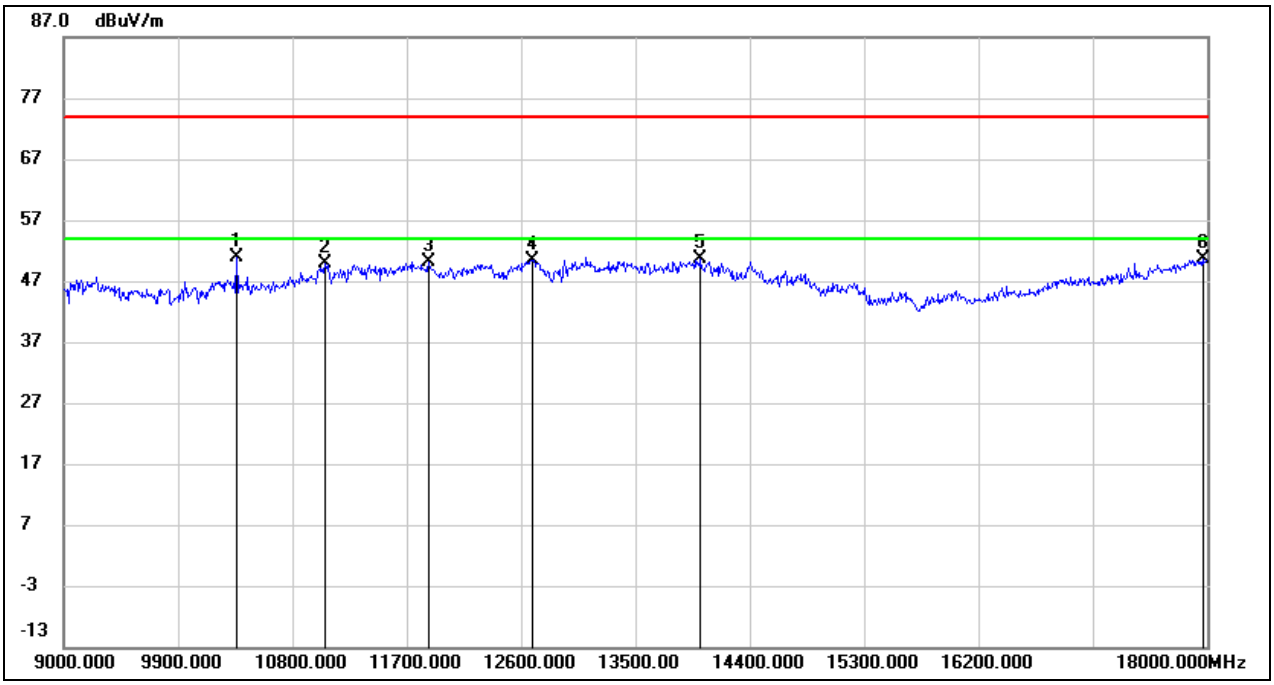
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.29	12.83	50.12	74.00	-23.88	peak
2	10890.000	34.67	14.40	49.07	74.00	-24.93	peak
3	11745.000	32.42	17.21	49.63	74.00	-24.37	peak
4	12690.000	31.81	18.05	49.86	74.00	-24.14	peak
5	13653.000	29.33	21.14	50.47	74.00	-23.53	peak
6	17982.000	23.33	25.04	48.37	74.00	-25.63	peak

Test Mode:	802.11be EHT160	Channel:	6825 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



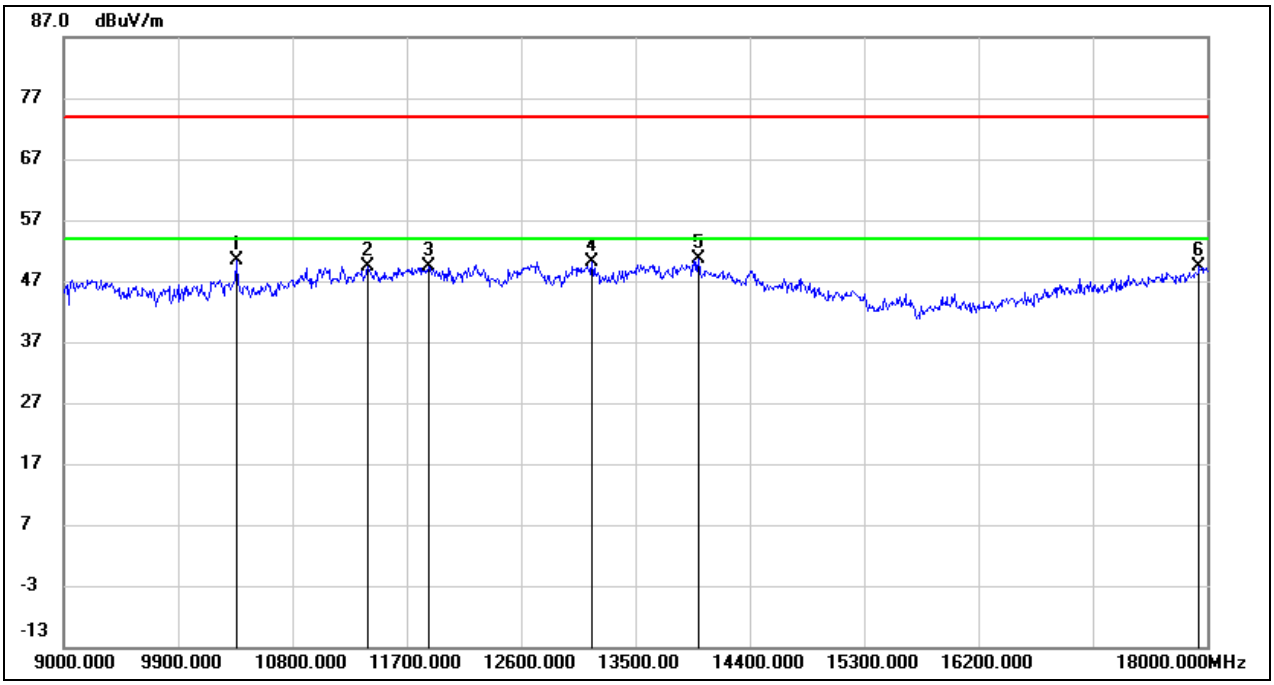
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.75	12.83	48.58	74.00	-25.42	peak
2	11052.000	34.84	14.94	49.78	74.00	-24.22	peak
3	11583.000	33.06	16.76	49.82	74.00	-24.18	peak
4	12258.000	31.88	17.72	49.60	74.00	-24.40	peak
5	13653.000	29.12	21.14	50.26	74.00	-23.74	peak
6	17928.000	24.84	24.70	49.54	74.00	-24.46	peak

Test Mode:	802.11be EHT160	Channel:	6985 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



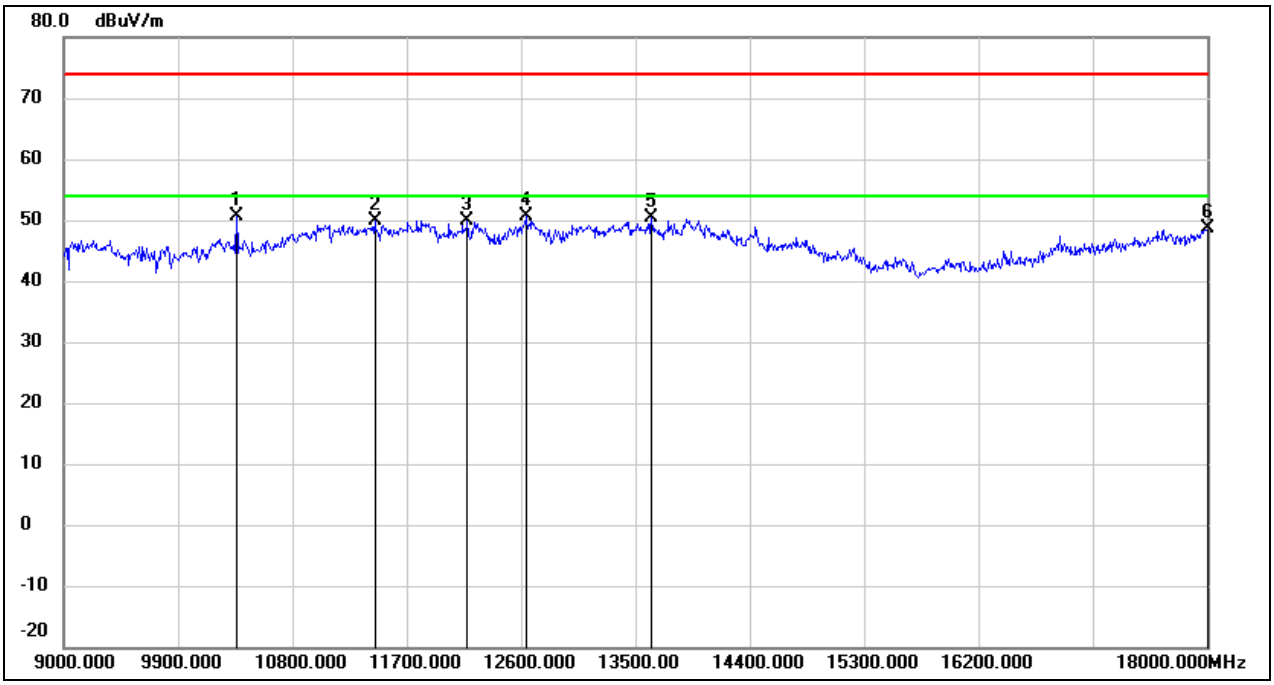
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.95	12.83	50.78	74.00	-23.22	peak
2	11052.000	34.92	14.94	49.86	74.00	-24.14	peak
3	11871.000	32.63	17.56	50.19	74.00	-23.81	peak
4	12690.000	32.42	18.05	50.47	74.00	-23.53	peak
5	14013.000	28.73	21.82	50.55	74.00	-23.45	peak
6	17964.000	25.82	24.92	50.74	74.00	-23.26	peak

Test Mode:	802.11be EHT160	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



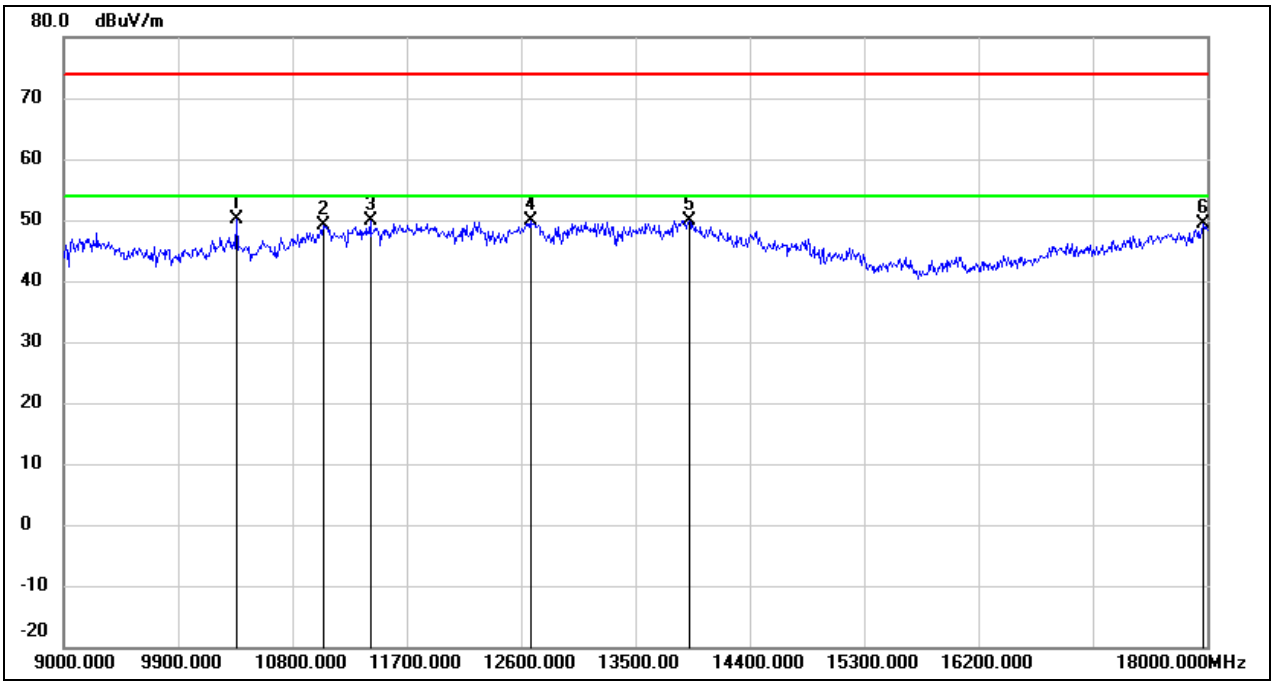
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.64	12.83	50.47	74.00	-23.53	peak
2	11394.000	33.26	16.15	49.41	74.00	-24.59	peak
3	11871.000	31.89	17.56	49.45	74.00	-24.55	peak
4	13158.000	30.66	19.50	50.16	74.00	-23.84	peak
5	13995.000	28.82	21.87	50.69	74.00	-23.31	peak
6	17937.000	24.58	24.76	49.34	74.00	-24.66	peak

Test Mode:	802.11be EHT320	Channel:	6265 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



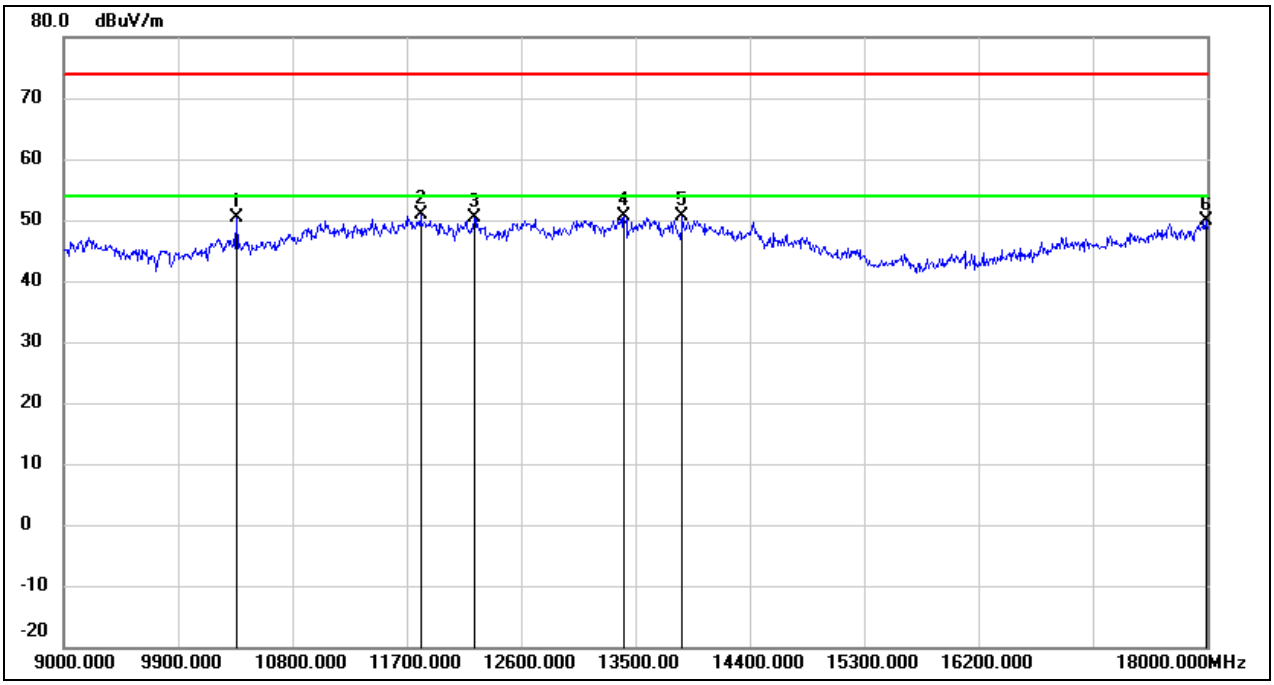
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.79	12.83	50.62	74.00	-23.38	peak
2	11448.000	33.61	16.34	49.95	74.00	-24.05	peak
3	12177.000	32.02	17.77	49.79	74.00	-24.21	peak
4	12636.000	32.82	17.90	50.72	74.00	-23.28	peak
5	13626.000	29.38	21.08	50.46	74.00	-23.54	peak
6	18000.000	23.38	25.16	48.54	74.00	-25.46	peak

Test Mode:	802.11be EHT320	Channel:	6265 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



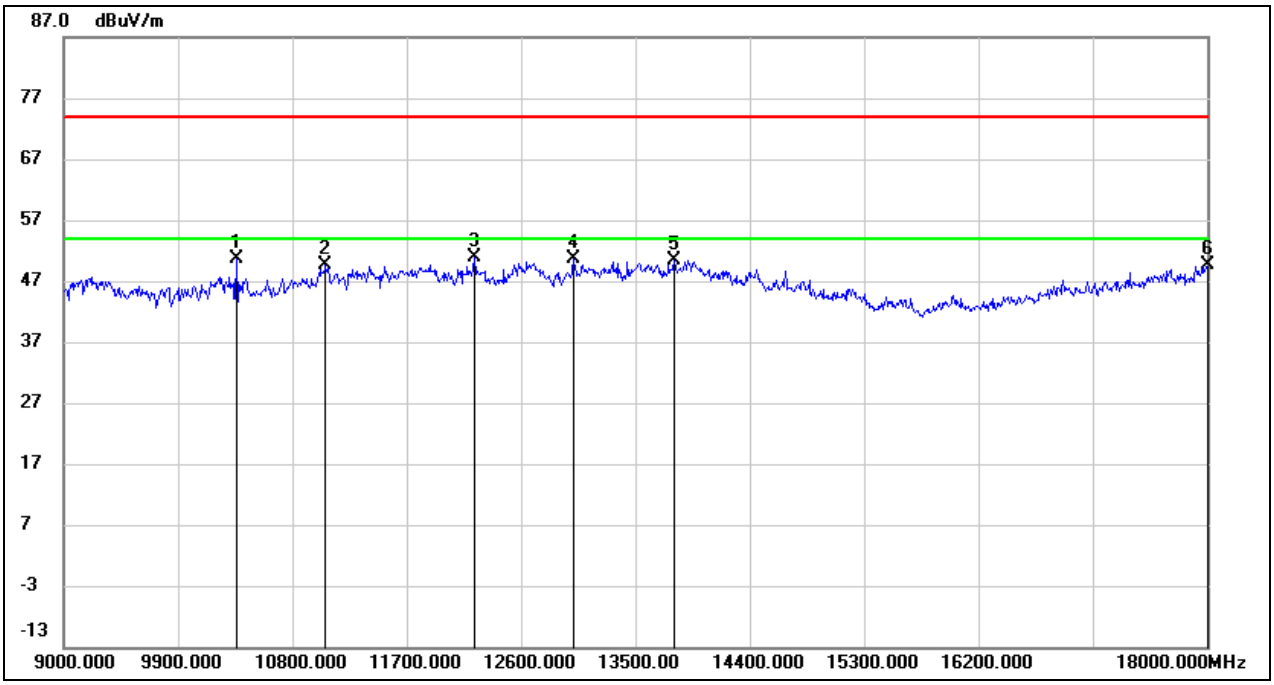
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.18	12.83	50.01	74.00	-23.99	peak
2	11043.000	34.14	14.90	49.04	74.00	-24.96	peak
3	11412.000	33.59	16.22	49.81	74.00	-24.19	peak
4	12672.000	31.79	18.00	49.79	74.00	-24.21	peak
5	13923.000	28.22	21.72	49.94	74.00	-24.06	peak
6	17973.000	24.45	24.99	49.44	74.00	-24.56	peak

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.58	12.83	50.41	74.00	-23.59	peak
2	11808.000	33.52	17.38	50.90	74.00	-23.10	peak
3	12231.000	32.61	17.73	50.34	74.00	-23.66	peak
4	13410.000	30.11	20.46	50.57	74.00	-23.43	peak
5	13869.000	29.11	21.59	50.70	74.00	-23.30	peak
6	17991.000	24.79	25.11	49.90	74.00	-24.10	peak

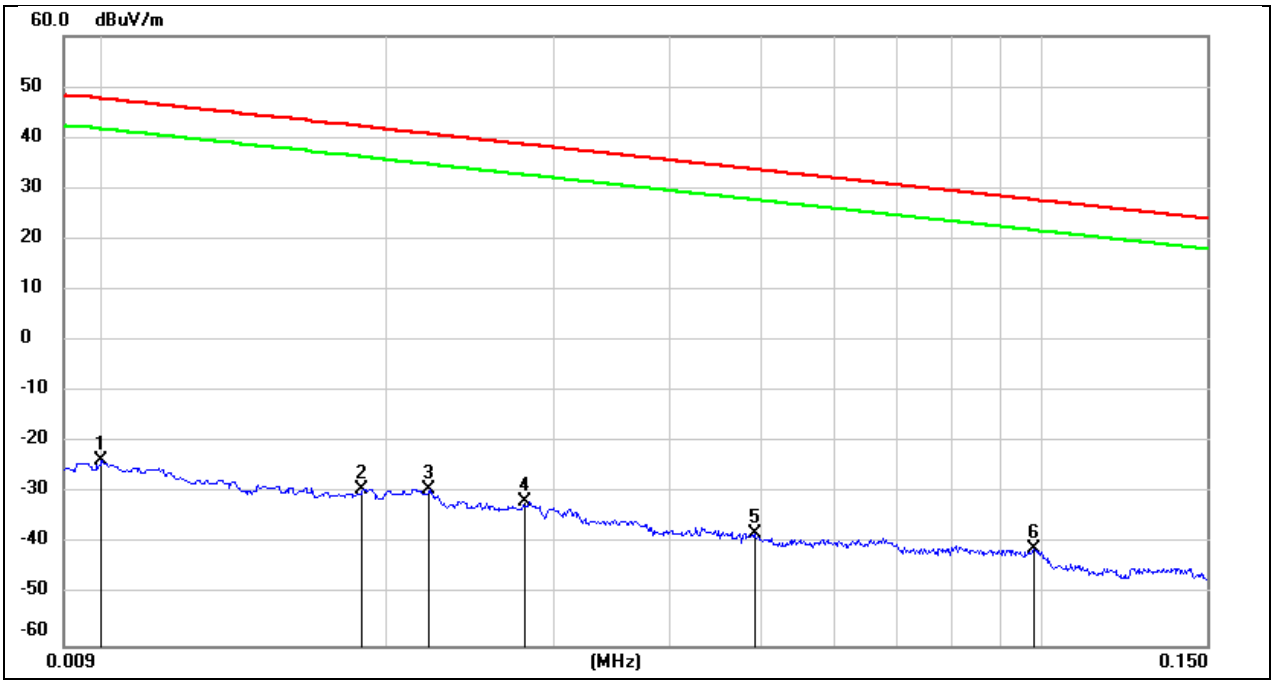
Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.78	12.83	50.61	74.00	-23.39	peak
2	11061.000	34.55	14.96	49.51	74.00	-24.49	peak
3	12231.000	33.08	17.73	50.81	74.00	-23.19	peak
4	13014.000	31.69	18.94	50.63	74.00	-23.37	peak
5	13806.000	29.03	21.46	50.49	74.00	-23.51	peak
6	18000.000	24.43	25.16	49.59	74.00	-24.41	peak

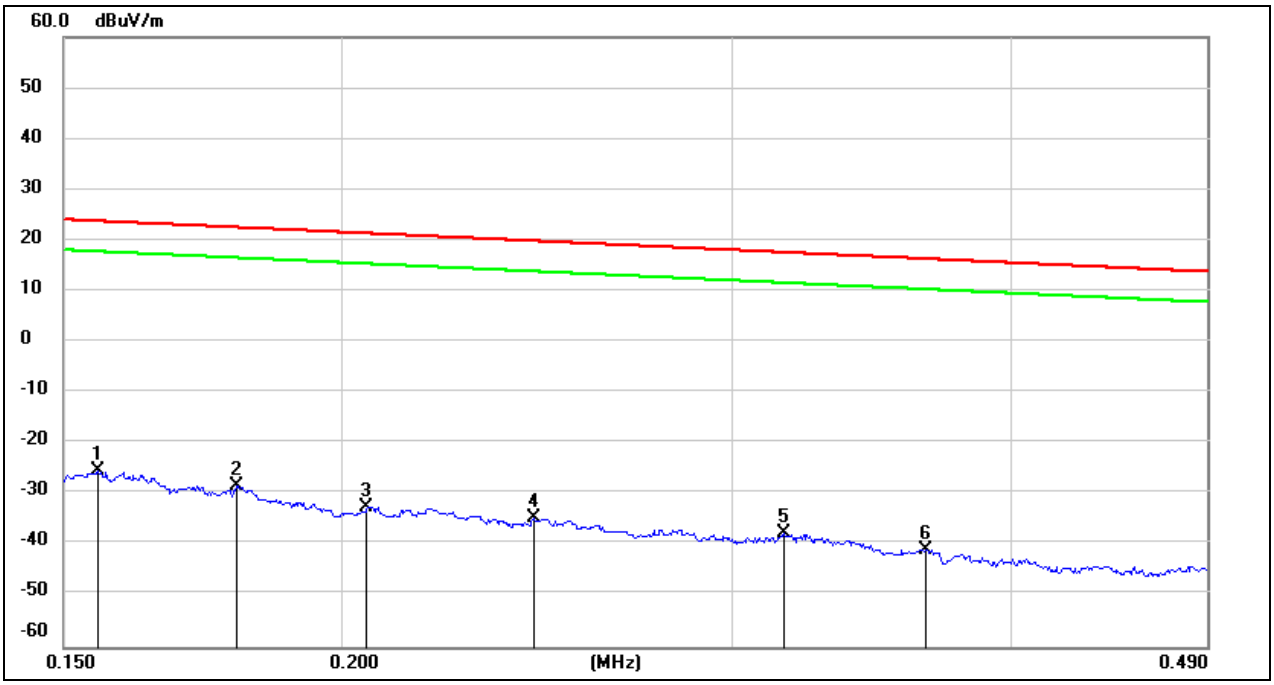
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



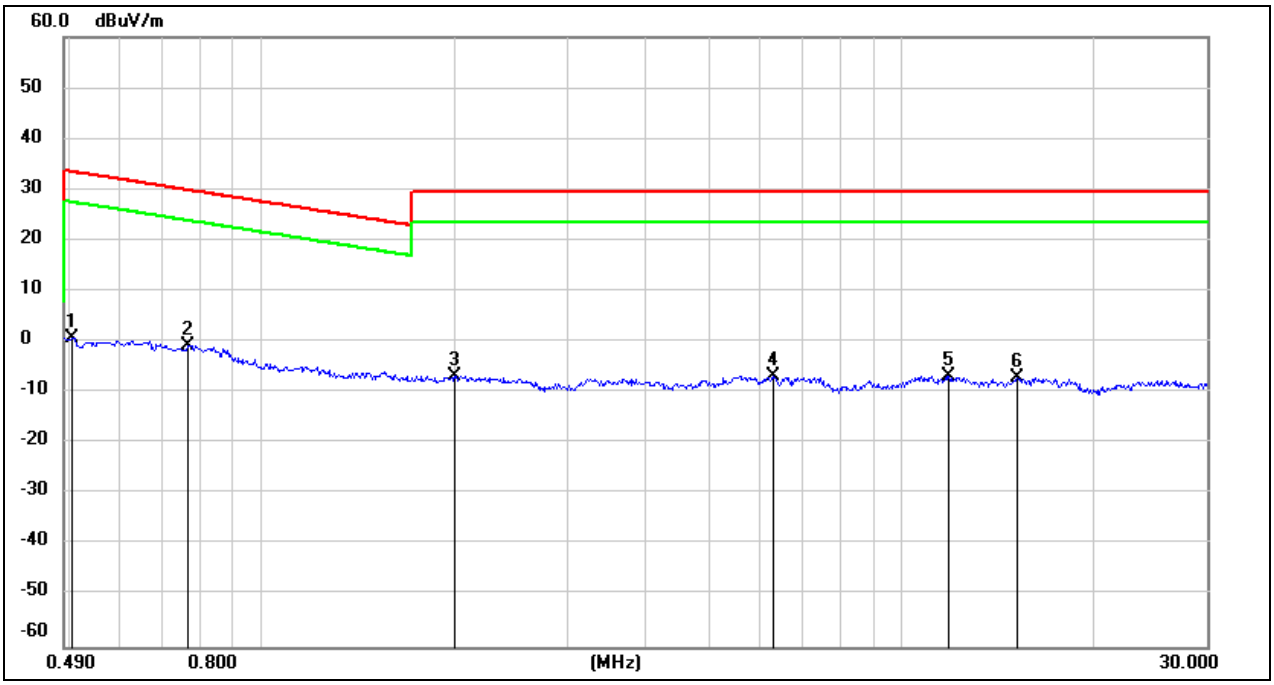
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	77.72	-101.40	-23.68	47.60	-71.28	peak
2	0.0188	72.14	-101.35	-29.21	42.12	-71.33	peak
3	0.0221	72.13	-101.35	-29.22	40.71	-69.93	peak
4	0.0280	69.79	-101.38	-31.59	38.66	-70.25	peak
5	0.0492	63.55	-101.47	-37.92	33.76	-71.68	peak
6	0.0981	60.77	-101.78	-41.01	27.77	-68.78	peak

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1554	76.27	-101.65	-25.38	23.77	-49.15	peak
2	0.1794	73.27	-101.68	-28.41	22.53	-50.94	peak
3	0.2053	69.29	-101.73	-32.44	21.35	-53.79	peak
4	0.2442	67.03	-101.79	-34.76	19.85	-54.61	peak
5	0.3163	64.20	-101.87	-37.67	17.60	-55.27	peak
6	0.3662	61.08	-101.93	-40.85	16.33	-57.18	peak

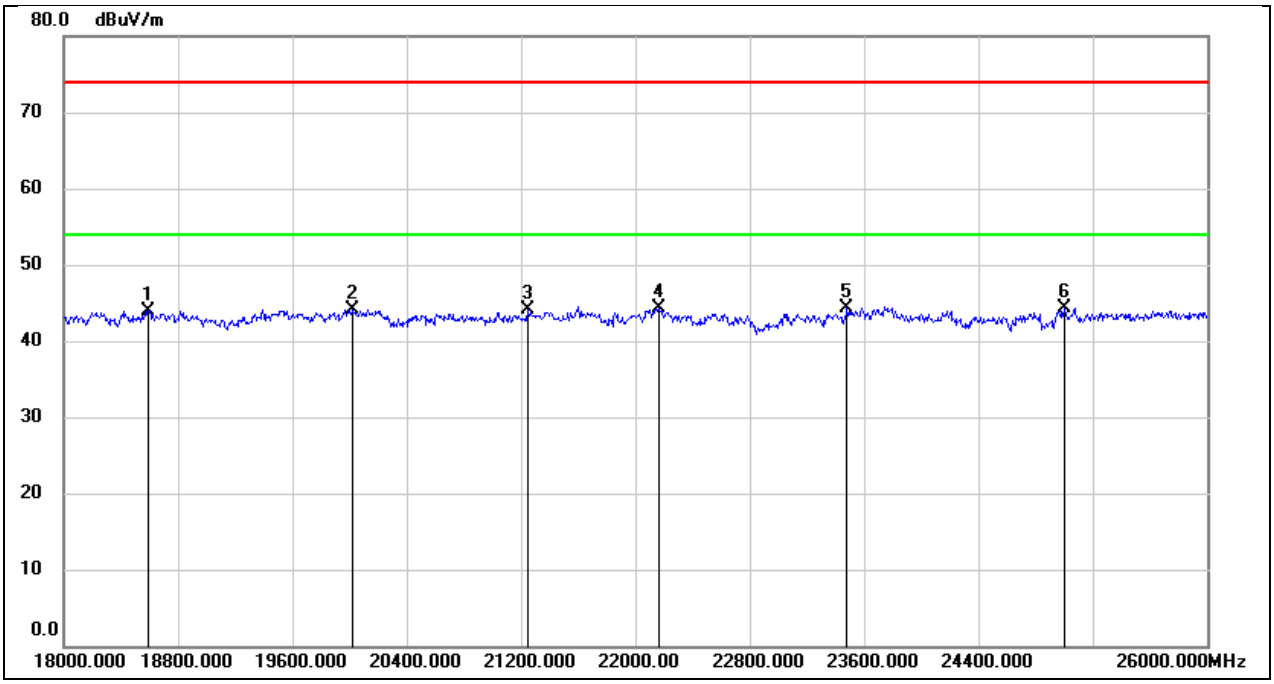
Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5039	62.93	-62.07	0.86	33.56	-32.70	peak
2	0.7671	61.41	-62.12	-0.71	29.90	-30.61	peak
3	2.0013	55.02	-61.82	-6.80	29.54	-36.34	peak
4	6.3033	54.45	-61.31	-6.86	29.54	-36.40	peak
5	11.8513	54.06	-60.88	-6.82	29.54	-36.36	peak
6	15.1859	54.05	-61.01	-6.96	29.54	-36.50	peak

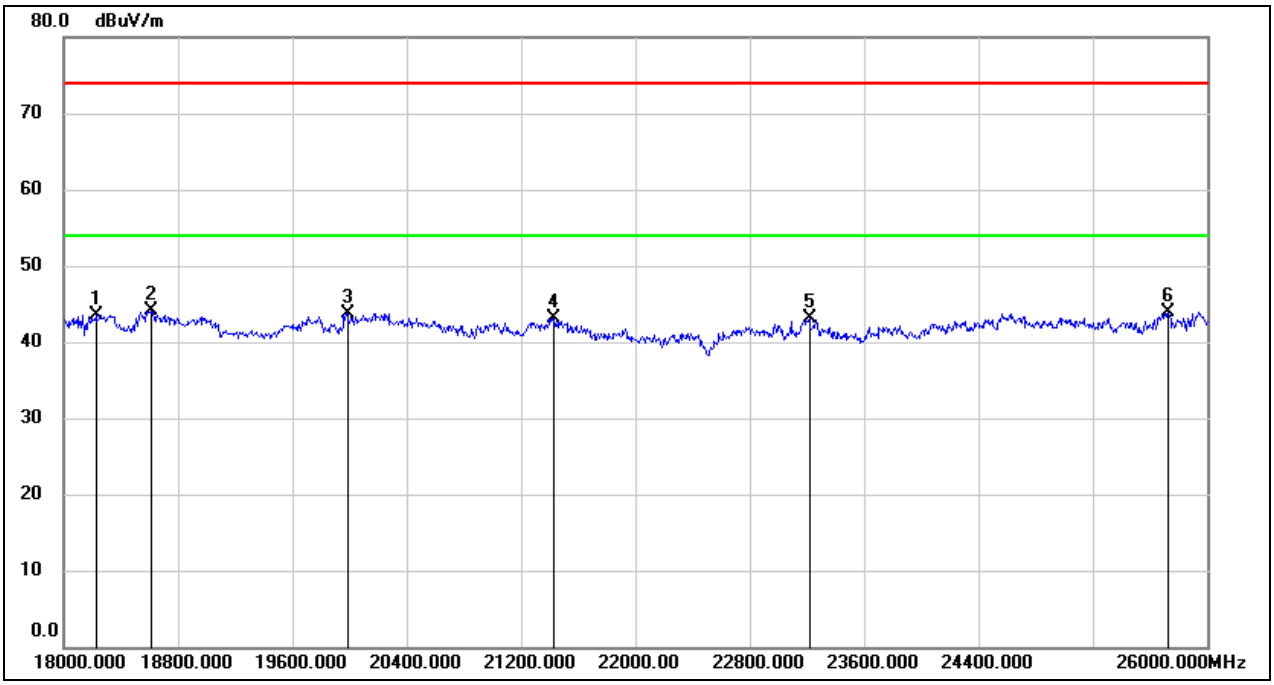
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	49.25	-5.31	43.94	74.00	-30.06	peak
2	20016.000	49.56	-5.47	44.09	74.00	-29.91	peak
3	21248.000	48.79	-4.77	44.02	74.00	-29.98	peak
4	22160.000	48.58	-4.31	44.27	74.00	-29.73	peak
5	23480.000	47.54	-3.16	44.38	74.00	-29.62	peak
6	25000.000	46.36	-2.10	44.26	74.00	-29.74	peak

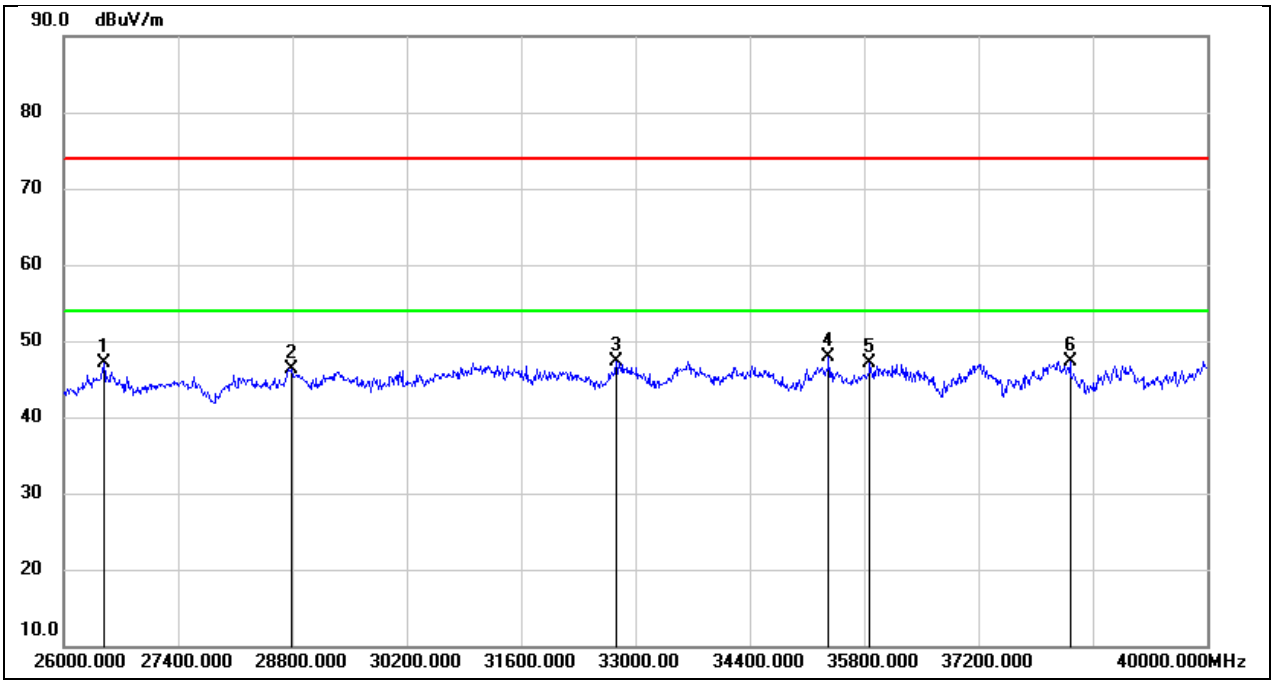
Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18224.000	49.08	-5.53	43.55	74.00	-30.45	peak
2	18616.000	49.39	-5.34	44.05	74.00	-29.95	peak
3	19984.000	49.21	-5.44	43.77	74.00	-30.23	peak
4	21432.000	47.74	-4.71	43.03	74.00	-30.97	peak
5	23216.000	46.51	-3.38	43.13	74.00	-30.87	peak
6	25728.000	44.61	-0.72	43.89	74.00	-30.11	peak

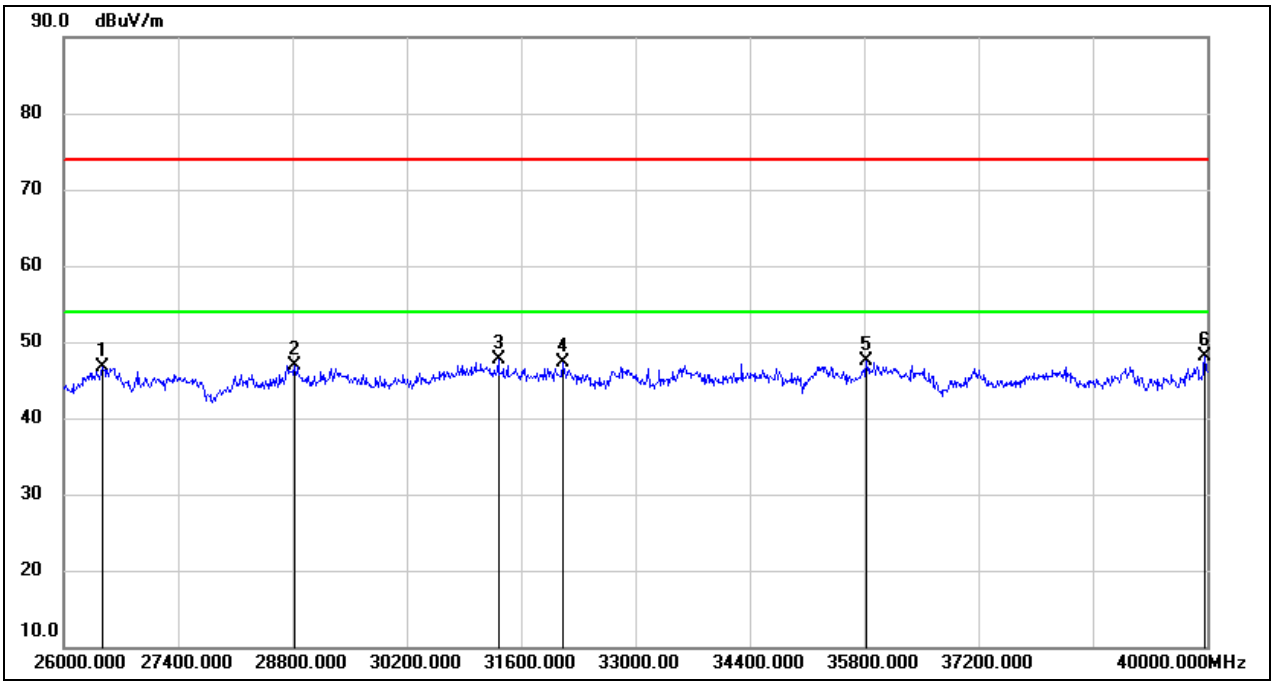
8.6. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ)

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	28786.000	46.99	-0.64	46.35	74.00	-27.65	peak
3	32762.000	48.45	-1.21	47.24	74.00	-26.76	peak
4	35366.000	45.40	2.59	47.99	74.00	-26.01	peak
5	35870.000	43.33	3.75	47.08	74.00	-26.92	peak
6	38320.000	43.56	3.77	47.33	74.00	-26.67	peak

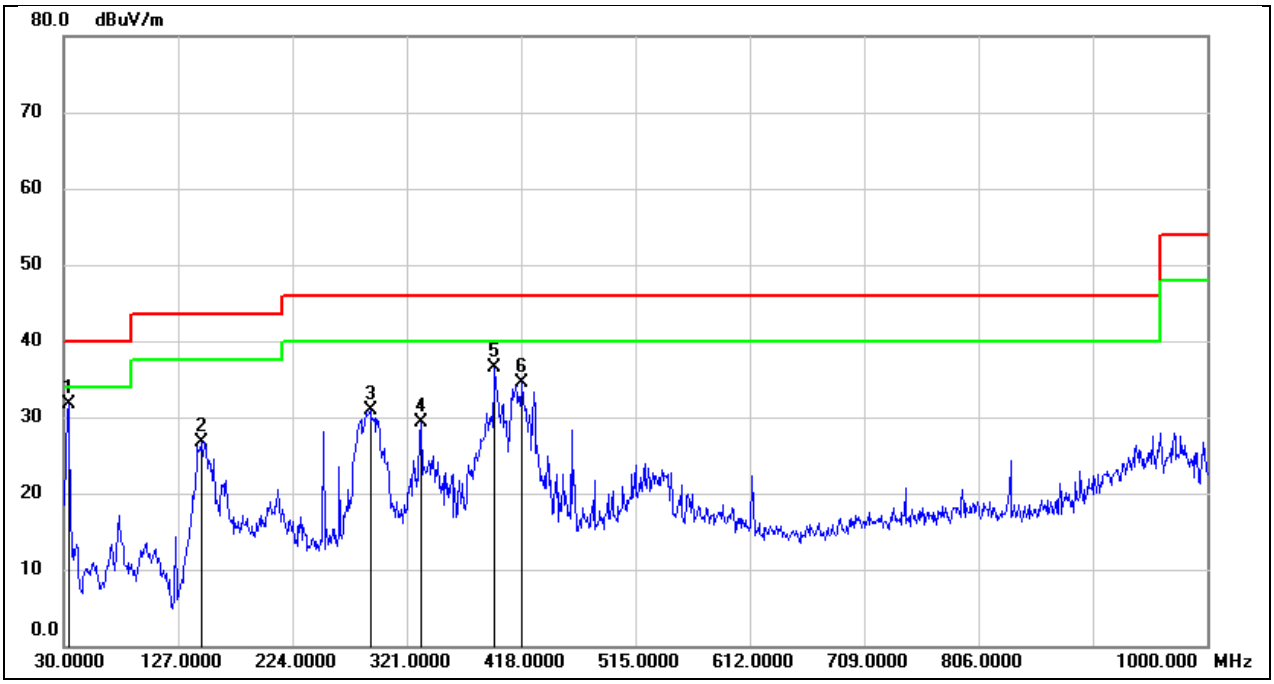
Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28828.000	47.63	-0.79	46.84	74.00	-27.16	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	32104.000	48.99	-1.75	47.24	74.00	-26.76	peak
5	35828.000	43.75	3.67	47.42	74.00	-26.58	peak
6	39972.000	42.95	5.13	48.08	74.00	-25.92	peak

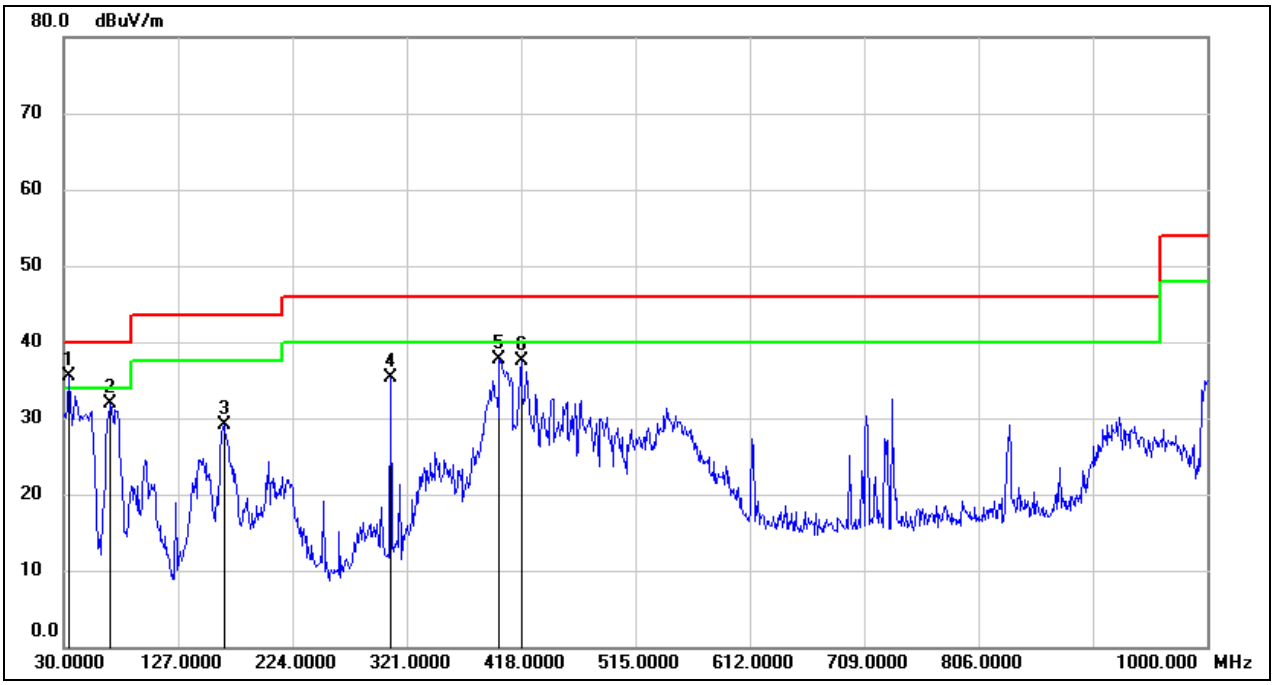
8.7. SPURIOUS EMISSIONS (30 MHZ ~ 1 GHZ)

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	50.53	-18.84	31.69	40.00	-8.31	QP
2	146.4000	45.31	-18.55	26.76	43.50	-16.74	QP
3	289.9600	46.73	-15.87	30.86	46.00	-15.14	QP
4	333.6099	43.06	-13.68	29.38	46.00	-16.62	QP
5	395.6900	49.37	-12.93	36.44	46.00	-9.56	QP
6	418.9700	47.11	-12.52	34.59	46.00	-11.41	QP

Test Mode:	802.11be EHT320	Channel:	6905 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	54.25	-18.84	35.41	40.00	-4.59	QP
2	69.7699	52.66	-20.76	31.90	40.00	-8.10	QP
3	165.8000	46.28	-17.19	29.09	43.50	-14.41	QP
4	307.4200	50.28	-14.93	35.35	46.00	-10.65	QP
5	399.5700	50.70	-12.96	37.74	46.00	-8.26	QP
6	418.0000	50.04	-12.52	37.52	46.00	-8.48	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

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

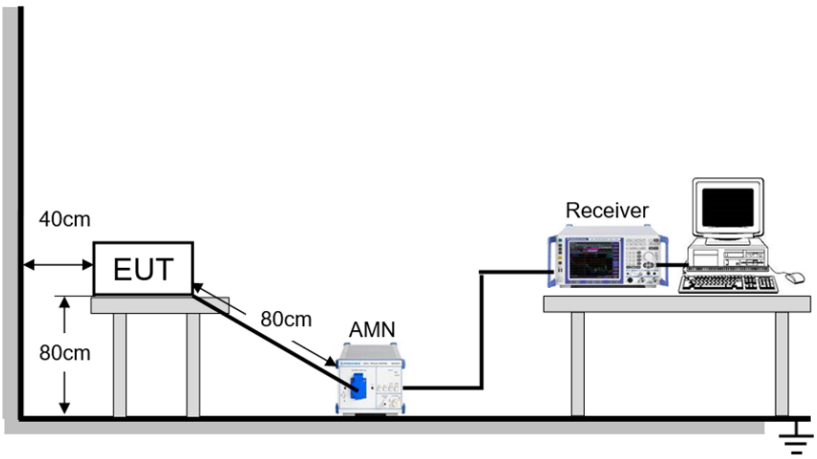
TEST PROCEDURE

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

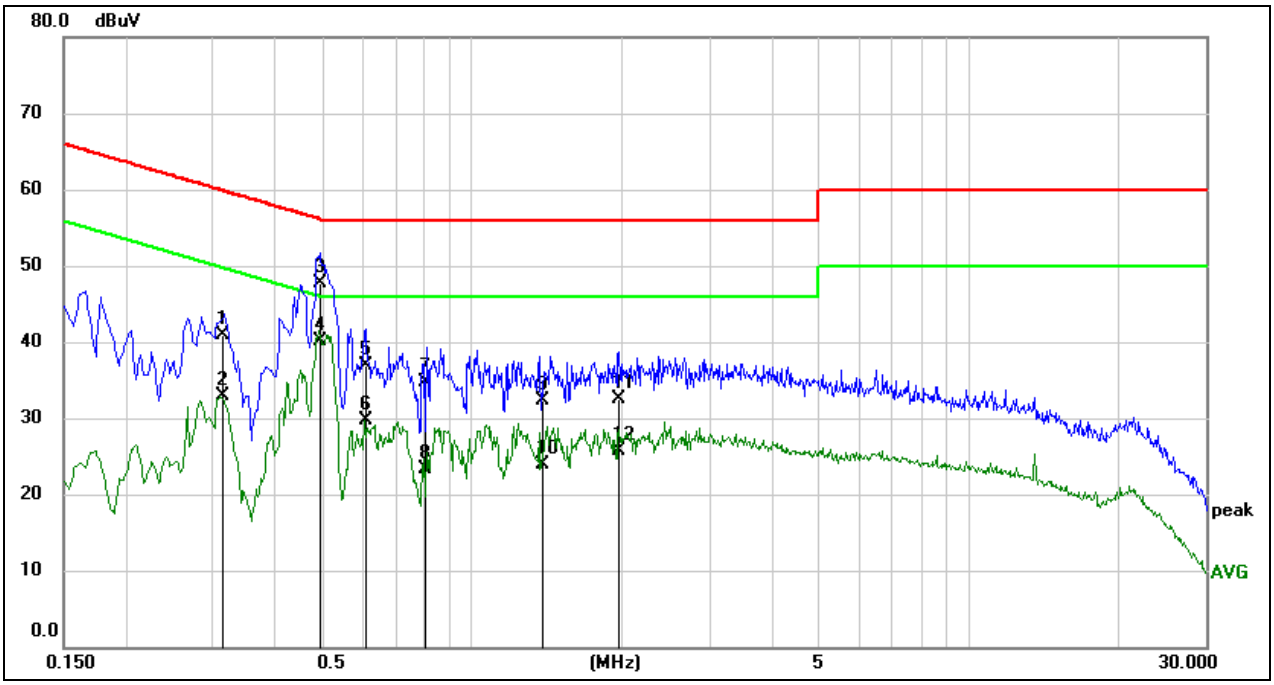


TEST ENVIRONMENT

Temperature	22.3 ℃	Relative Humidity	54%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

TEST RESULTS

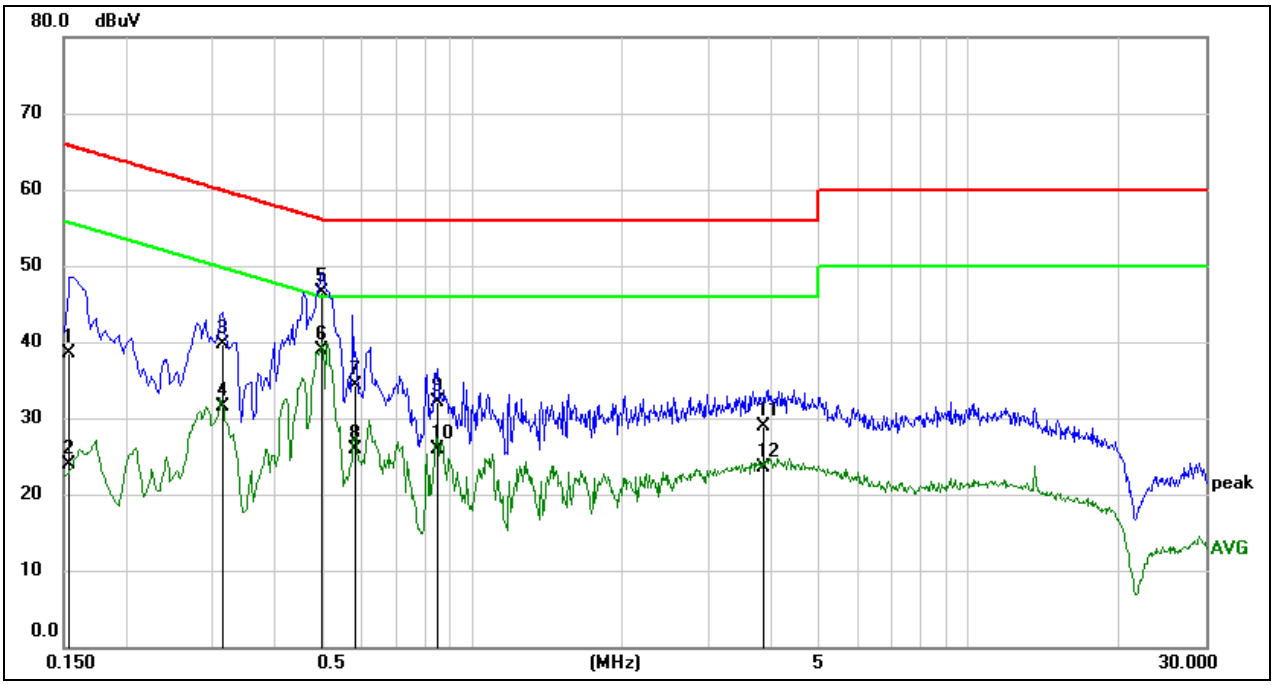
Test Mode:	802.11be EHT320	Channel:	6905 MHz
Line:	Line	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3134	31.35	9.59	40.94	59.88	-18.94	QP
2	0.3134	23.27	9.59	32.86	49.88	-17.02	AVG
3	0.4949	38.02	9.60	47.62	56.09	-8.47	QP
4	0.4949	30.55	9.60	40.15	46.09	-5.94	AVG
5	0.6120	27.34	9.60	36.94	56.00	-19.06	QP
6	0.6120	20.07	9.60	29.67	46.00	-16.33	AVG
7	0.8053	25.01	9.60	34.61	56.00	-21.39	QP
8	0.8053	13.73	9.60	23.33	46.00	-22.67	AVG
9	1.3853	22.78	9.61	32.39	56.00	-23.61	QP
10	1.3853	14.34	9.61	23.95	46.00	-22.05	AVG
11	1.9785	22.95	9.63	32.58	56.00	-23.42	QP
12	1.9785	16.08	9.63	25.71	46.00	-20.29	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:	802.11be EHT320	Channel:	6905 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	0.1537	29.01	9.59	38.60	65.80	-27.20	QP
2	0.1537	14.25	9.59	23.84	55.80	-31.96	AVG
3	0.3140	30.19	9.59	39.78	59.86	-20.08	QP
4	0.3140	21.87	9.59	31.46	49.86	-18.40	AVG
5	0.4948	36.95	9.60	46.55	56.09	-9.54	QP
6	0.4948	29.21	9.60	38.81	46.09	-7.28	AVG
7	0.5805	24.64	9.60	34.24	56.00	-21.76	QP
8	0.5805	16.22	9.60	25.82	46.00	-20.18	AVG
9	0.8520	22.57	9.60	32.17	56.00	-23.83	QP
10	0.8520	16.39	9.60	25.99	46.00	-20.01	AVG
11	3.8645	19.29	9.69	28.98	56.00	-27.02	QP
12	3.8645	13.81	9.69	23.50	46.00	-22.50	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

REQUIREMENT

Please refer to FCC part 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

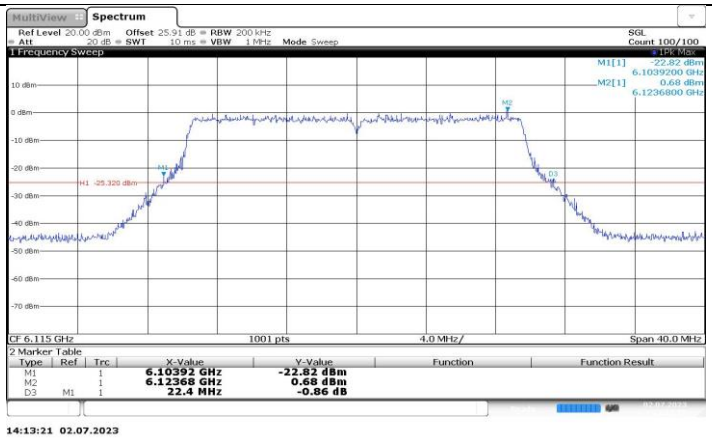
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11AX20MIMO	Ant3	6115	22.40	6103.92	6126.32	PASS
	Ant4	6115	22.64	6103.68	6126.32	PASS
	Ant3	6275	22.80	6263.76	6286.56	PASS
	Ant4	6275	22.80	6263.64	6286.44	PASS
	Ant3	6415	23.00	6403.52	6426.52	PASS
	Ant4	6415	22.20	6404.04	6426.24	PASS
11AX40MIMO	Ant3	6125	44.08	6103.08	6147.16	PASS
	Ant4	6125	43.92	6102.84	6146.76	PASS
	Ant3	6285	44.16	6262.60	6306.76	PASS
	Ant4	6285	44.00	6262.92	6306.92	PASS
	Ant3	6405	44.64	6382.20	6426.84	PASS
	Ant4	6405	44.80	6382.28	6427.08	PASS
11AX80MIMO	Ant3	6145	88.48	6101.16	6189.64	PASS
	Ant4	6145	88.80	6100.52	6189.32	PASS
	Ant3	6225	89.44	6181.16	6270.60	PASS
	Ant4	6225	88.32	6181.16	6269.48	PASS
	Ant3	6385	89.44	6340.20	6429.64	PASS
	Ant4	6385	88.96	6340.04	6429.00	PASS
11AX160MIMO	Ant3	6185	173.76	6098.28	6272.04	PASS
	Ant4	6185	172.16	6098.92	6271.08	PASS
	Ant3	6345	172.16	6258.92	6431.08	PASS
	Ant4	6345	172.16	6258.28	6430.44	PASS
11BE20MIMO	Ant3	6115	22.76	6103.68	6126.44	PASS
	Ant4	6115	23.68	6103.44	6127.12	PASS
	Ant3	6275	22.96	6263.44	6286.40	PASS
	Ant4	6275	23.84	6263.32	6287.16	PASS
	Ant3	6415	23.32	6403.16	6426.48	PASS
	Ant4	6415	23.28	6403.32	6426.60	PASS
11BE40MIMO	Ant3	6125	44.16	6102.92	6147.08	PASS
	Ant4	6125	43.36	6103.32	6146.68	PASS
	Ant3	6285	44.96	6262.28	6307.24	PASS
	Ant4	6285	44.32	6262.60	6306.92	PASS
	Ant3	6405	45.60	6382.60	6428.20	PASS
	Ant4	6405	44.64	6382.92	6427.56	PASS
11BE80MIMO	Ant3	6145	90.24	6099.08	6189.32	PASS
	Ant4	6145	88.80	6100.36	6189.16	PASS
	Ant3	6225	90.88	6179.08	6269.96	PASS
	Ant4	6225	87.84	6181.80	6269.64	PASS
	Ant3	6385	90.24	6338.76	6429.00	PASS
	Ant4	6385	88.16	6340.36	6428.52	PASS
11BE160MIMO	Ant3	6185	175.36	6099.24	6274.60	PASS
	Ant4	6185	173.44	6098.92	6272.36	PASS
	Ant3	6345	174.40	6258.60	6433.00	PASS
	Ant4	6345	171.52	6258.28	6429.80	PASS
11BE320MIMO	Ant3	6265	340.48	6094.12	6434.60	PASS
	Ant4	6265	341.76	6093.48	6435.24	PASS

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11AX20MIMO	Ant1	6755	22.72	6743.84	6766.56	PASS
	Ant2	6755	22.80	6743.36	6766.16	PASS
	Ant1	6815	22.60	6803.64	6826.24	PASS
	Ant2	6815	23.28	6803.44	6826.72	PASS
	Ant1	6875	23.28	6863.44	6886.72	PASS
	Ant2	6875	22.88	6863.32	6886.20	PASS
	Ant1	6895	22.80	6883.36	6906.16	PASS
	Ant2	6895	22.52	6883.84	6906.36	PASS
	Ant1	7015	22.52	7003.76	7026.28	PASS
	Ant2	7015	22.40	7003.72	7026.12	PASS
	Ant1	7095	22.68	7083.64	7106.32	PASS
	Ant2	7095	22.96	7083.52	7106.48	PASS
11AX40MIMO	Ant1	6765	44.96	6742.36	6787.32	PASS
	Ant2	6765	44.16	6743.00	6787.16	PASS
	Ant1	6805	44.48	6782.44	6826.92	PASS
	Ant2	6805	44.48	6782.68	6827.16	PASS
	Ant1	6845	44.40	6822.60	6867.00	PASS
	Ant2	6845	45.20	6822.52	6867.72	PASS
	Ant1	6885	44.64	6862.84	6907.48	PASS
	Ant2	6885	44.80	6862.52	6907.32	PASS
	Ant1	7005	44.16	6982.92	7027.08	PASS
	Ant2	7005	43.84	6983.00	7026.84	PASS
	Ant1	7085	44.08	7062.92	7107.00	PASS
	Ant2	7085	44.16	7062.92	7107.08	PASS
11AX80MIMO	Ant1	6785	90.40	6739.72	6830.12	PASS
	Ant2	6785	88.32	6741.16	6829.48	PASS
	Ant1	6865	89.44	6819.88	6909.32	PASS
	Ant2	6865	89.28	6820.20	6909.48	PASS
	Ant1	6945	89.12	6900.04	6989.16	PASS
	Ant2	6945	88.96	6900.36	6989.32	PASS
	Ant1	7025	88.96	6980.20	7069.16	PASS
	Ant2	7025	88.80	6980.84	7069.64	PASS
11AX160MIMO	Ant1	6825	172.48	6738.28	6910.76	PASS
	Ant2	6825	171.84	6738.60	6910.44	PASS
	Ant1	6985	172.16	6899.24	7071.40	PASS
	Ant2	6985	174.08	6898.60	7072.68	PASS
11BE20MIMO	Ant1	6755	23.32	6743.32	6766.64	PASS
	Ant2	6755	22.84	6743.52	6766.36	PASS
	Ant1	6815	23.68	6803.28	6826.96	PASS
	Ant2	6815	22.96	6803.52	6826.48	PASS
	Ant1	6875	23.40	6863.48	6886.88	PASS
	Ant2	6875	22.88	6863.44	6886.32	PASS
	Ant1	6895	23.12	6883.52	6906.64	PASS
	Ant2	6895	23.08	6883.40	6906.48	PASS
	Ant1	7015	24.08	7003.52	7027.60	PASS
	Ant2	7015	22.68	7003.72	7026.40	PASS
	Ant1	7095	23.12	7083.40	7106.52	PASS
	Ant2	7095	22.72	7083.64	7106.36	PASS
11BE40MIMO	Ant1	6765	44.72	6742.36	6787.08	PASS
	Ant2	6765	44.24	6742.76	6787.00	PASS
	Ant1	6805	44.32	6782.76	6827.08	PASS
	Ant2	6805	45.12	6782.44	6827.56	PASS
	Ant1	6845	44.24	6822.92	6867.16	PASS
	Ant2	6845	45.04	6822.28	6867.32	PASS
	Ant1	6885	44.24	6862.92	6907.16	PASS
	Ant2	6885	43.84	6862.84	6906.68	PASS
	Ant1	7005	44.16	6983.00	7027.16	PASS
	Ant2	7005	43.92	6983.24	7027.16	PASS
	Ant1	7085	44.48	7062.44	7106.92	PASS

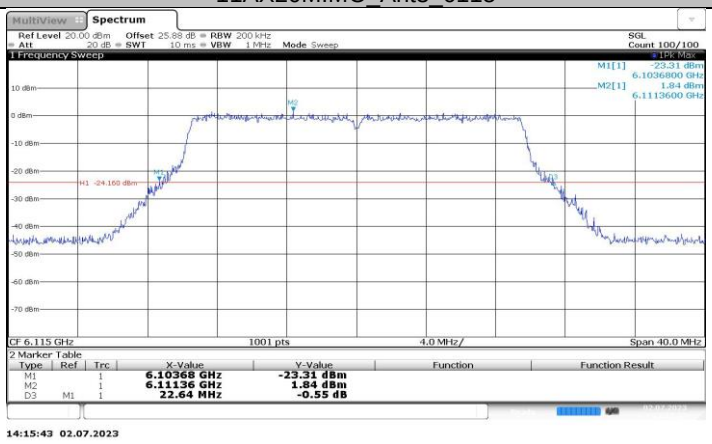
	Ant2	7085	44.64	7062.76	7107.40	PASS
11BE80MIMO	Ant1	6785	88.96	6740.84	6829.80	PASS
	Ant2	6785	91.68	6739.08	6830.76	PASS
	Ant1	6865	90.24	6819.56	6909.80	PASS
	Ant2	6865	90.40	6819.88	6910.28	PASS
	Ant1	6945	89.76	6899.72	6989.48	PASS
	Ant2	6945	90.24	6899.72	6989.96	PASS
	Ant1	7025	88.48	6980.84	7069.32	PASS
	Ant2	7025	92.96	6978.44	7071.40	PASS
11BE160MIMO	Ant1	6825	172.16	6739.24	6911.40	PASS
	Ant2	6825	173.12	6739.56	6912.68	PASS
	Ant1	6985	173.76	6897.96	7071.72	PASS
	Ant2	6985	174.40	6899.24	7073.64	PASS
11BE320MIMO	Ant1	6905	339.84	6735.40	7075.24	PASS
	Ant2	6905	344.32	6733.48	7077.80	PASS

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

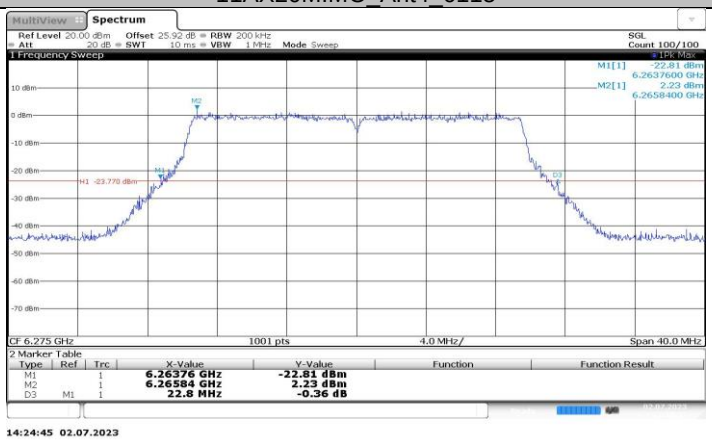
11.1.2. Test Graphs



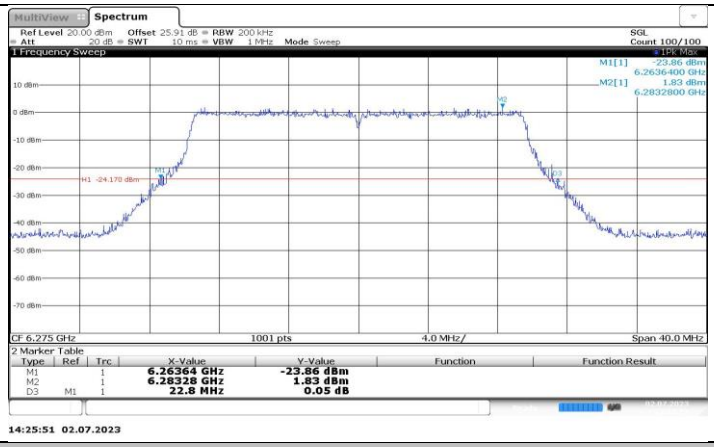
11AX20MIMO_Ant3_6115



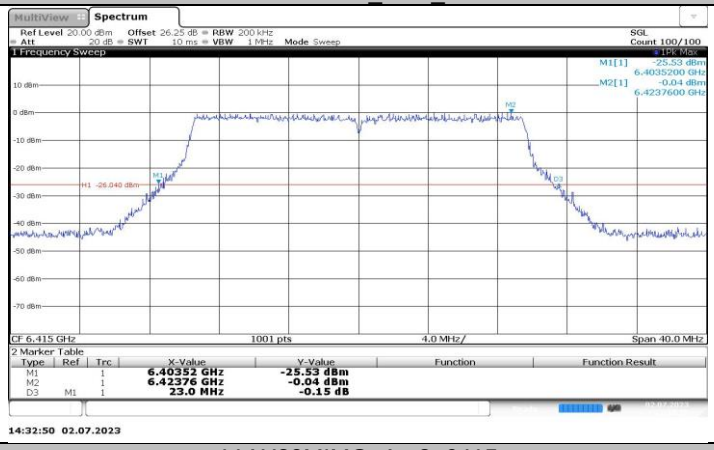
11AX20MIMO_Ant4_6115



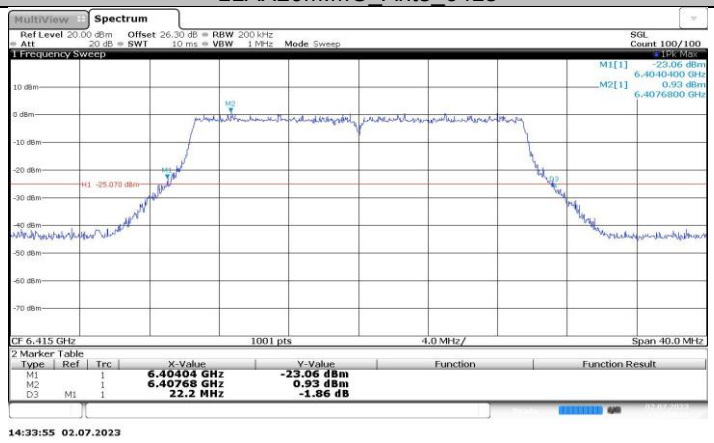
11AX20MIMO_Ant3_6275



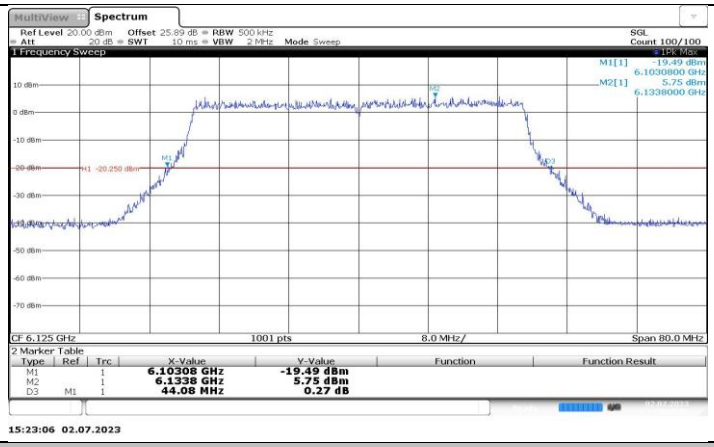
11AX20MIMO_Ant4_6275



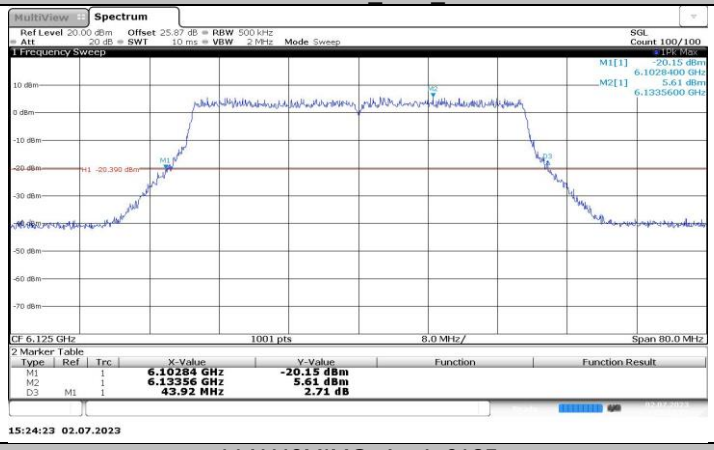
11AX20MIMO_Ant3_6415



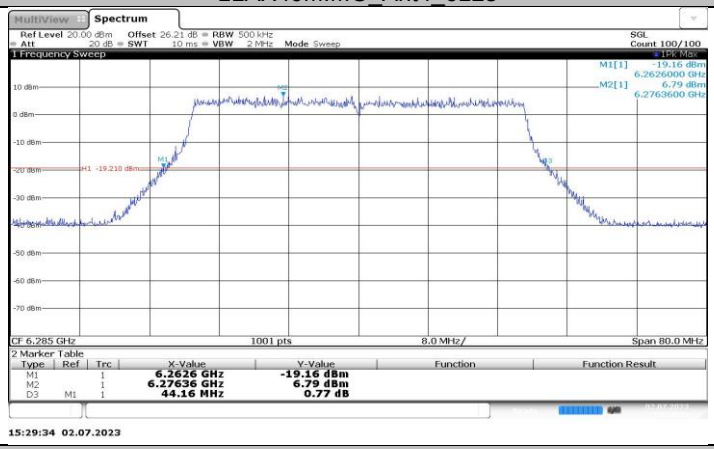
11AX20MIMO_Ant4_6415



11AX40MIMO_Ant3_6125



11AX40MIMO_Ant4_6125



11AX40MIMO_Ant3_6285