

**CFR 47 FCC PART 15 SUBPART E  
ISED RSS-248 ISSUE 2**

**TEST REPORT**

*For*

**BE17000 Whole Home Mesh Wi-Fi 7 System**

**MODEL NUMBER: Deco BE75**

**REPORT NUMBER: 4790897082-RF-3**

**ISSUE DATE: September 4, 2023**

**FCC ID: 2AXJ4BE75**

**IC: 26583-BE75**

*Prepared for*

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## Revision History

Rev.	Issue Date	Revisions	Revised By
V0	September 4, 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
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 and ISED RSS-248 ISSUE 2> when <Simple Acceptance> decision rule is applied.

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## 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

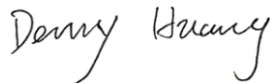
Company Name: TP-Link Corporation Limited  
Address: Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

### EUT Information

EUT Name: BE17000 Whole Home Mesh Wi-Fi 7 System  
Model: Deco BE75  
Sample Received Date: June 19, 2023  
Sample ID: 6198157  
Date of Tested: August 7, 2023 to September 1, 2023

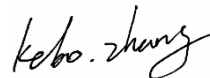
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART E ISED RSS-248 ISSUE 2	Pass

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Checked By:



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## 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, RSS-GEN Issue 5, RSS-248 Issue 2, 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	<p><b>A2LA (Certificate No.: 4102.01)</b>                  UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b>                  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</p> <p><b>ISED (Company No.: 21320)</b>                  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.</p> <p><b>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)</b>                  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</p>
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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 BE75
Radio Technology	IEEE802.11ax HE20/HE40/HE80/HE160 IEEE802.11be EHT20/ EHT40/ EHT80/EHT160/EHT320
Operation Frequency	UNII-5 Band: 5925 MHz ~ 6425 MHz UNII-6 Band: 6425 MHz ~ 6525 MHz UNII-7 Band: 6525 MHz ~ 6875 MHz UNII-8 Band: 6875 MHz ~ 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
Software Version:	20230512 Rel. 46407

### 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-6 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	105	6475	113	6515
101	6455	109	6495	/	/

UNII-7 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	141	6655	165	6775
121	6555	145	6675	169	6795
125	6575	149	6695	173	6815
129	6595	153	6715	177	6835
133	6615	157	6735	181	6855
137	6635	161	6755	185	6875

UNII-8 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	205	6975	221	7055
193	6915	209	6995	225	7075
197	6935	213	7015	229	7095
201	6955	217	7035	233	7115

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-6 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	115	6525

UNII-7 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
115	6525	139	6645	163	6765
123	6605	147	6685	171	6805
131	6645	155	6725	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-6 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465	/	/	/	/

UNII-7 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
119	6545	151	6705	183	6865
135	6625	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-6 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505	/	/	/	/

UNII-7 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	175	6825	/	/

UNII-8 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985	/	/	/	/

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

UNII-7 (For Bandwidth=320 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
127	6585	/	/	/	/

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

### 5.3. TEST CHANNEL CONFIGURATION

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 47(Low Channel), CH 79(High Channel)	6185 MHz, 6345 MHz
802.11be EHT320	CH 63(Low Channel)	6265 MHz

UNII-6 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 97(Low Channel), CH 105(MID Channel), CH 113(High Channel)	6435 MHz, 6475 MHz, 6515 MHz
802.11be EHT40	CH 99(Low Channel), CH 107(MID Channel), CH 115(High Channel)	6445 MHz, 6485 MHz, 6525 MHz
802.11be EHT80	CH 103(Low Channel)	6465 MHz
802.11be EHT160	CH 111(Low Channel)	6505 MHz

UNII-7 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 117(Low Channel), CH 153(MID Channel), CH 185(High Channel)	6535 MHz, 6715 MHz, 6875 MHz
802.11be EHT40	CH 163(Low Channel), CH 171(MID Channel), CH 183(High Channel)	6565 MHz, 6685 MHz, 6845 MHz
802.11be EHT80	CH 109(Low Channel), CH 151(MID Channel), CH 179(High Channel)	6545 MHz, 6705 MHz, 6865 MHz
802.11be EHT160	CH 143(High Channel), CH 175(High Channel)	6665 MHz, 6825 MHz
802.11be EHT320	CH 127(Low Channel)	6585 MHz

UNII-8 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11be EHT20	CH 189(Low Channel), CH 213(MID Channel), CH 233 (High Channel)	6895 MHz, 7015 MHz, 7115 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 EHT160	CH 207(Low Channel)	6985 MHz
802.11be EHT320	CH 191(Low Channel)	6905 MHz

Note: 802.11ax HE20/HE40/HE80/160 modes covered by 802.11be EHT20/HE40/HE80/160 modes.

#### 5.4. 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)
			ANT3-ANT4 (Nss=4)
be EHT20	MCS0	6115	8
		6275	8
		6415	9
		6435	8.5
		6475	8.5
		6515	8.5
		6535	9
		6715	9
		6875	10
		6895	9.5
		7015	9
7115	-2		
be EHT40	MCS0	6125	11

		6285	11
		6405	11.5
		6445	11.5
		6485	11.5
		6525	11.5
		6565	12
		6685	12
		6845	13
		6885	13
		7005	12
		7085	12
be EHT80	MCS0	6145	14
		6225	14
		6385	14.5
		6465	14.5
		6545	14.5
		6705	15
		6865	15.5
		6945	15.5
be EHT160	MCS0	7025	15.5
		6185	16
		6345	17
		6505	16.5
		6665	17
		6825	18.5
be EHT320	MCS0	6985	17.5
		6265	20
		6585	20.5
		6905	20.5

Note: 802.11ax HE20/HE40/HE80/160 modes covered by 802.11be EHT20/HE40/HE80/160 modes.

IEE Std. 802.11	Rate	Frequency (MHz)	Tx power level (dBm)
			ANT3-ANT4 (Nss=1)
be EHT20	MCS0	6115	6
		6275	5.5
		6415	6.5
		6435	7.5
		6475	7.5
		6515	7.5
		6535	8
		6715	8
		6875	9
		6895	8.5
		7015	8
		7115	-2
be EHT40	MCS0	6125	9
		6285	9
		6405	9.5
		6445	10.5
		6485	10.5
		6525	10.5
		6565	11
		6685	11
		6845	12
		6885	12
		7005	11
		7085	11
be EHT80	MCS0	6145	12
		6225	12
		6385	12.5
		6465	13.5
		6545	13.5
		6705	14
		6865	14.5
		6945	14.5
		7025	14
be EHT160	MCS0	6185	14
		6345	15
		6505	15
		6665	15.5
		6825	17

		6985	16
be EHT320	MCS0	6265	18
		6585	19
		6905	19.5

Note: 802.11ax HE20/HE40/HE80/160 modes covered by 802.11be EHT20/HE40/HE80/160 modes.



## 5.5. 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

802.11ax HE20/HE40/HE80/160 and 802.11be EHT20/HE40/HE80/160 were performed on the worst case (802.11be EHT20/HE40/HE80/160) 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 6G1, Core 6G2, 6G3, 6G4 correspond to antenna 3, antenna 4, antenna 5, antenna 6 and they support WLAN 6 GHz.

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 EUT support CDD and Tx beamforming mode, all the modes had been tested, but only the worst data was recorded in the report.

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

## 5.6. DESCRIPTION OF AVAILABLE ANTENNAS

The EUT support Cyclic Shift Diversity (CDD) mode.

MIMO output power and MIMO PSD summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain comes from the antenna composite gain test report.

For output power measurements:

Antenna No.	Frequency Band (MHz)	Antenna Type	Maximum Antenna Gain (dBi)	Maximum Directional Gain (dBi)
3	5925 ~ 6425	Dipole	2.94	2.94
3	6425 ~ 7125	Antenna	2.79	2.79
4	5925 ~ 6425	Dipole	2.94	2.94
4	6425 ~ 7125	Antenna	2.79	2.79
5	5925 ~ 6425	Dipole	2.94	2.94
5	6425 ~ 7125	Antenna	2.79	2.79
6	5925 ~ 6425	Dipole	2.94	2.94
6	6425 ~ 7125	Antenna	2.79	2.79

For power spectral density (PSD) measurements:

When Nss (Number Of Spatial Streams) = 1				
Antenna No.	Frequency Band (MHz)	Antenna Type	Maximum Antenna Gain (dBi)	Maximum Directional Gain (dBi)
3	5925 ~ 6425	Dipole	2.94	4.99
3	6425 ~ 7125	Antenna	2.79	3.99
4	5925 ~ 6425	Dipole	2.94	4.99
4	6425 ~ 7125	Antenna	2.79	3.99
5	5925 ~ 6425	Dipole	2.94	4.99
5	6425 ~ 7125	Antenna	2.79	3.99
6	5925 ~ 6425	Dipole	2.94	4.99
6	6425 ~ 7125	Antenna	2.79	3.99

Note: The worst case will occur when Nss (Number Of Spatial Streams) = 1.

The EUT support Tx beamforming mode.

MIMO output power and MIMO PSD summing were performed in accordance with KDB 662911 D01. For the Tx beamforming results the Directional Gain comes from the antenna composite gain test report.

For output power measurements and power spectral density (PSD) measurements:

When Nss (Number Of Spatial Streams) = 1				
Antenna No.	Frequency Band (MHz)	Antenna Type	Maximum Antenna Gain (dBi)	Maximum Directional Gain (dBi)
3	5925 ~ 6425	Dipole	2.94	4.99
3	6425 ~ 7125	Antenna	2.79	3.99
4	5925 ~ 6425	Dipole	2.94	4.99
4	6425 ~ 7125	Antenna	2.79	3.99
5	5925 ~ 6425	Dipole	2.94	4.99
5	6425 ~ 7125	Antenna	2.79	3.99
6	5925 ~ 6425	Dipole	2.94	4.99
6	6425 ~ 7125	Antenna	2.79	3.99

Note: The worst case will occur when Nss (Number Of Spatial Streams) = 1.

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11ax HE20	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE40	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE80	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11ax HE160	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT20	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT40	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT80	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT160	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.
802.11be EHT320	<input checked="" type="checkbox"/> 4TX, 4RX	ANT 1 to ANT 4 can be used as transmitting/receiving antenna.

Note: The value of the antenna gain was declared by customer.

## 5.7. 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	LAN4	RJ45	Unshielded	1.0 m	/
5	SFP+	RJ45	Unshielded	1.0 m	/
6	USB	USB 3.0	Unshielded	1.0 m	/
7	Power	DC	Unshielded	1.0 m	/

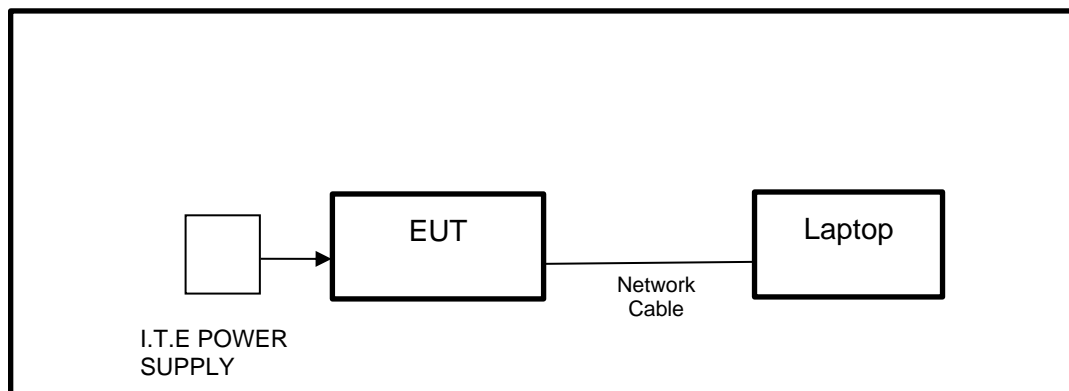
### ACCESSORIES

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
Wideband Radio Communication Tester	R&S	CMW500	155523	Oct.17, 2022	Oct.16, 2023
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.28, 2022	Sep.27, 2023
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
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	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	Dec.01,2022	Nov.30,2023
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	Dec.01,2022	Nov.30,2023
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

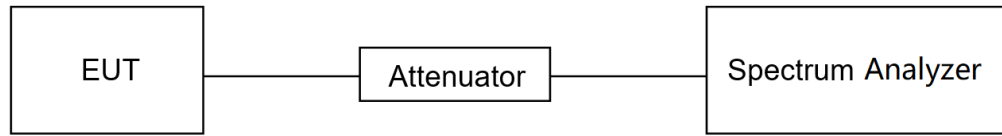
None; for reporting purposes only.

#### 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  $\geq$  EBW if possible; otherwise, set RBW to the largest available value. Set VBW  $\geq$  RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are  $> 50/T$ , where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if  $T \leq 16.7$  microseconds.)

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

#### 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

ISED RSS-248 ISSUE 2		
Test Item	Limit	Frequency Range (MHz)
99 % Occupied Bandwidth	The occupied bandwidth of the device shall not exceed 320 MHz.	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.

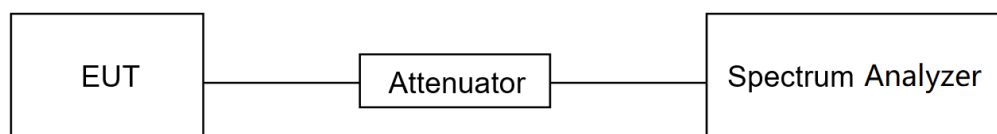
Connect the EUT to the spectrum analyzer and use the following settings:

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	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**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	<input type="checkbox"/> 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
	<input checked="" type="checkbox"/> 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
	<input type="checkbox"/> Subordinate Device The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.	5.925-7.125 GHz
	<input type="checkbox"/> 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
	<input type="checkbox"/> 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

ISED RSS-248 ISSUE 2		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	<input type="checkbox"/> Standard Power Access Point The maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 36 dBm and the maximum e.i.r.p. for a device not enclosed by walls and a ceiling, measured at any elevation angle greater than 30 degrees above the horizon, shall not exceed 21 dBm over the 5925-6875 MHz frequency band	5.925-6.425 GHz 6.525-6.875 GHz
	<input checked="" type="checkbox"/> Low-Power Indoor Access-Points The maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 30 dBm	5.925-7.125 GHz
	<input type="checkbox"/> Subordinate Device The maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 30 dBm	5.925-7.125 GHz
	<input type="checkbox"/> Standard Client Devices The maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point	5.925-6.425 GHz 6.525-6.875 GHz
	<input type="checkbox"/> Low-Power Client Devices The maximum e.i.r.p. over the 5925-7125 MHz frequency band shall 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  $\geq$  3 MHz.
- (iv) Number of points in sweep  $\geq 2 \times$  span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  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  $\geq$  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):**

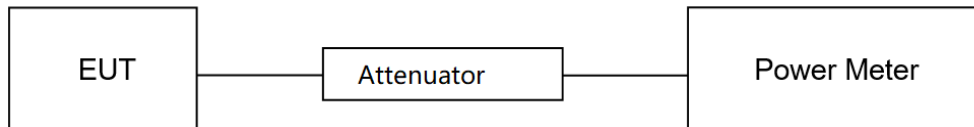
- (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
  - a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
  - b. At all times when the EUT is transmitting, 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	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**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	<input type="checkbox"/> 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
	<input checked="" type="checkbox"/> 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
	<input type="checkbox"/> 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
	<input type="checkbox"/> 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
	<input type="checkbox"/> 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

ISED RSS-248 ISSUE 2		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	<input type="checkbox"/> Standard Power Access Point The maximum e.i.r.p. spectral density shall not exceed 23 dBm/MHz	5.925-6.425 GHz 6.525-6.875 GHz
	<input checked="" type="checkbox"/> Low-Power Indoor Access-Points The maximum e.i.r.p. spectral density shall not exceed 5 dBm/MHz	5.925-7.125 GHz
	<input type="checkbox"/> Subordinate Device The maximum e.i.r.p. spectral density shall not exceed 5 dBm/MHz	5.925-7.125 GHz
	<input type="checkbox"/> Standard Client Devices The maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz	5.925-6.425 GHz 6.525-6.875 GHz
	<input type="checkbox"/> Low-Power Client Devices The maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz	5.925-7.125 GHz

### **TEST PROCEDURE**

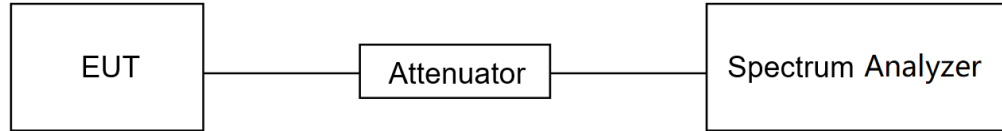
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

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

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
VBW	$\geq 3 \times \text{RBW}$
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	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**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.

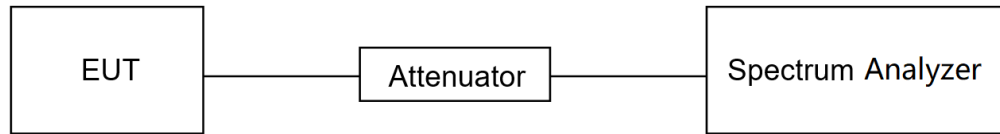
### TEST PROCEDURE

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  $\geq 3 \times$  RBW
  - d) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - 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	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**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.

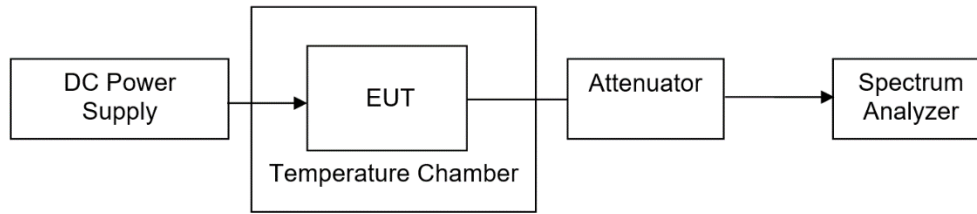
Connect the EUT to the spectrum analyzer and use the following settings:

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

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 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 <sub>N</sub> (Normal Temperature): 25.1 °C	T <sub>L</sub> (Low Temperature): 0 °C
		T <sub>H</sub> (High Temperature): 40 °C
Supply Voltage	V <sub>N</sub> (Normal Voltage): DC 12 V	V <sub>L</sub> (Low Voltage): DC 10.20 V
		V <sub>H</sub> (High Voltage): DC 13.80 V

**TEST SETUP**

**TEST ENVIRONMENT**

Temperature	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa		

**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.

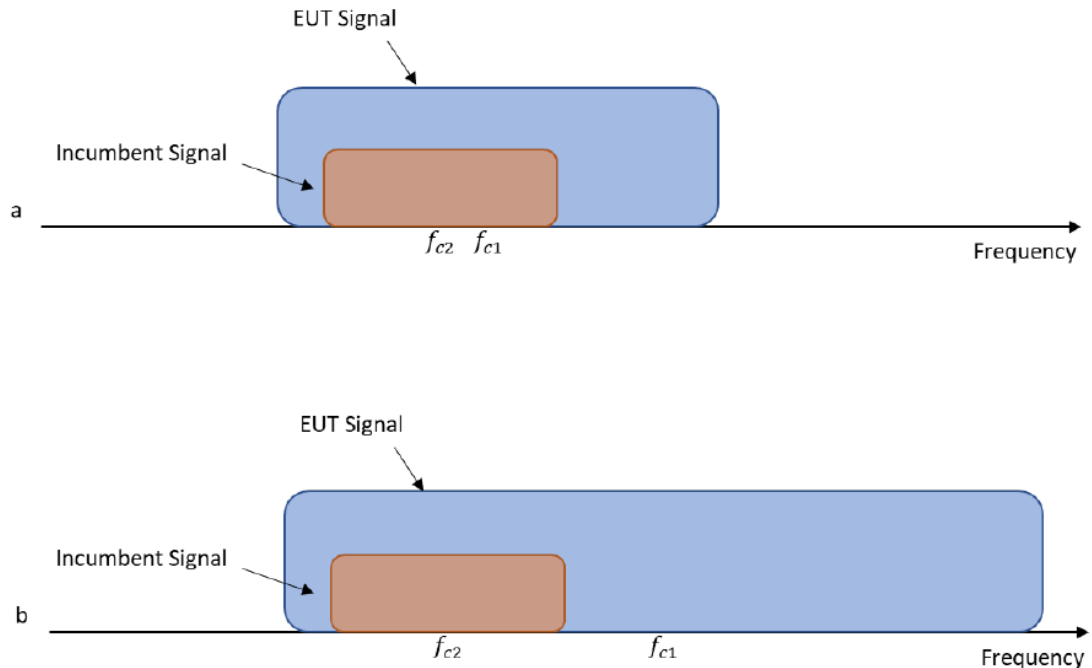
Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)<sup>1</sup>. 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  $f_{cc1}$  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  $f_{cc2}$ ) 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**

<b>If</b>	<b>Number of Tests</b>	<b>Placement of Incumbent Transmission</b>
$BW_{EUT} \leq BW_{Inc}$	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

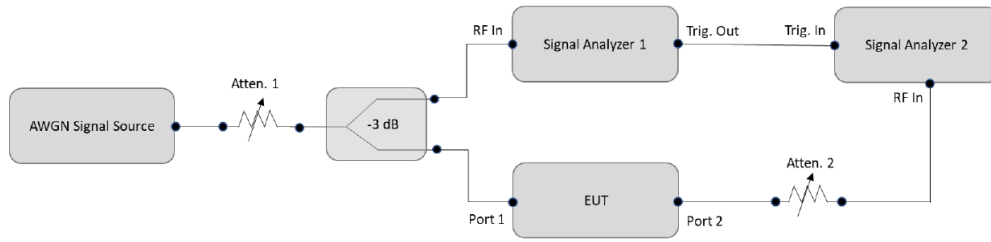
$f_{c2}$ : Center frequency of simulated incumbent signal

## **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. 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 EUT 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	26.0 °C	Relative Humidity	56.2%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**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).

Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-248 4.6.

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

ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz <sup>Note 1</sup>	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.



ISED Restricted bands refer to ISED RSS-GEN Clause 8.10

Table 7 – Restricted frequency bands <sup>Note 1</sup>		
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.8 - 12.7
3.020 - 3.028	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5480	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138		

**Note 1:** Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

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
<sup>1</sup> 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	( <sup>2</sup> )
13.36-13.41			

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

<sup>2</sup>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  $377\Omega$ . 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 7.7. 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. PK=Peak: Peak detector.
4. AVG=Average:  $VBW=1/Ton$ , where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes, 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.  $dBuA/m = dBuV/m - 20\log_{10}[120\pi] = dBuV/m - 51.5$
3. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
4. 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.
5. 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 -27 dBm/MHz (68.2 dBuV/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 -27 dBm/MHz (68.2 dBuV/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:

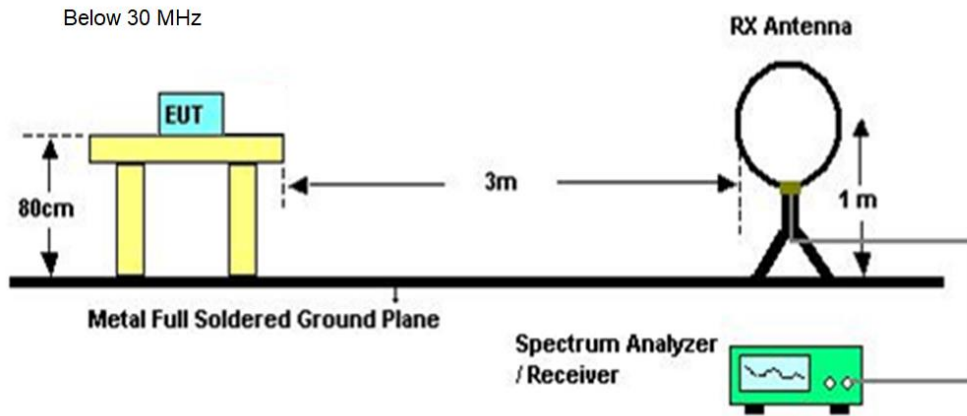
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

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

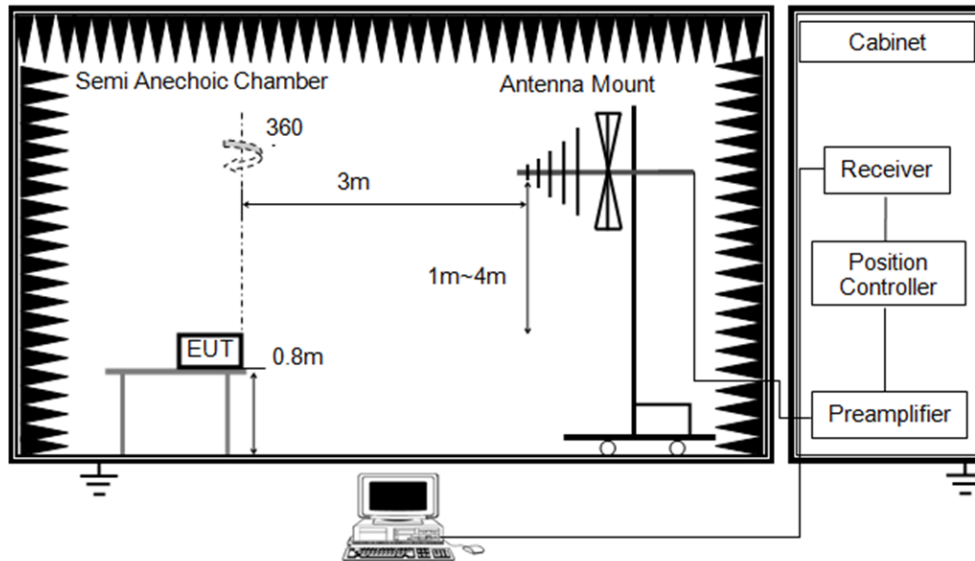
Note:

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.

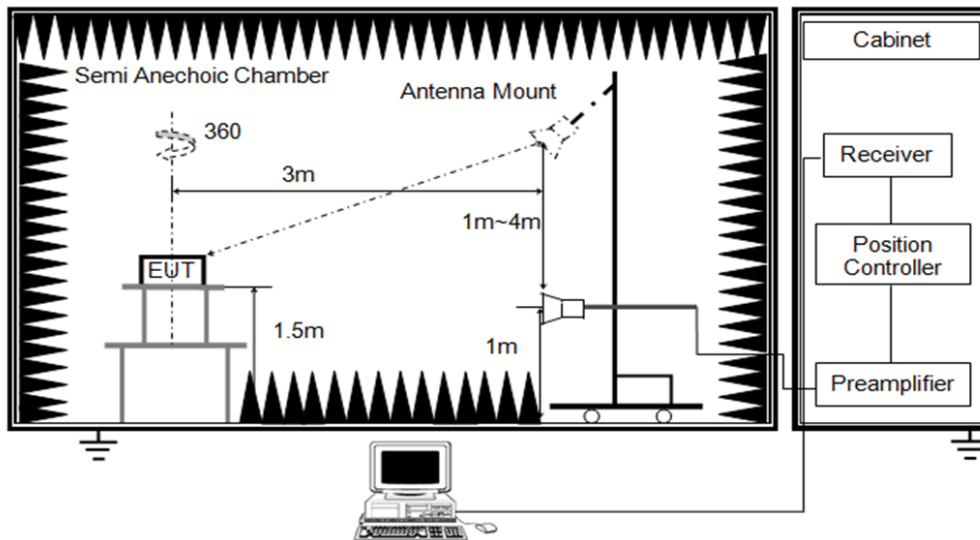
**TEST SETUP**



Below 1 GHz and above 30 MHz



Above 1 GHz



**TEST ENVIRONMENT**

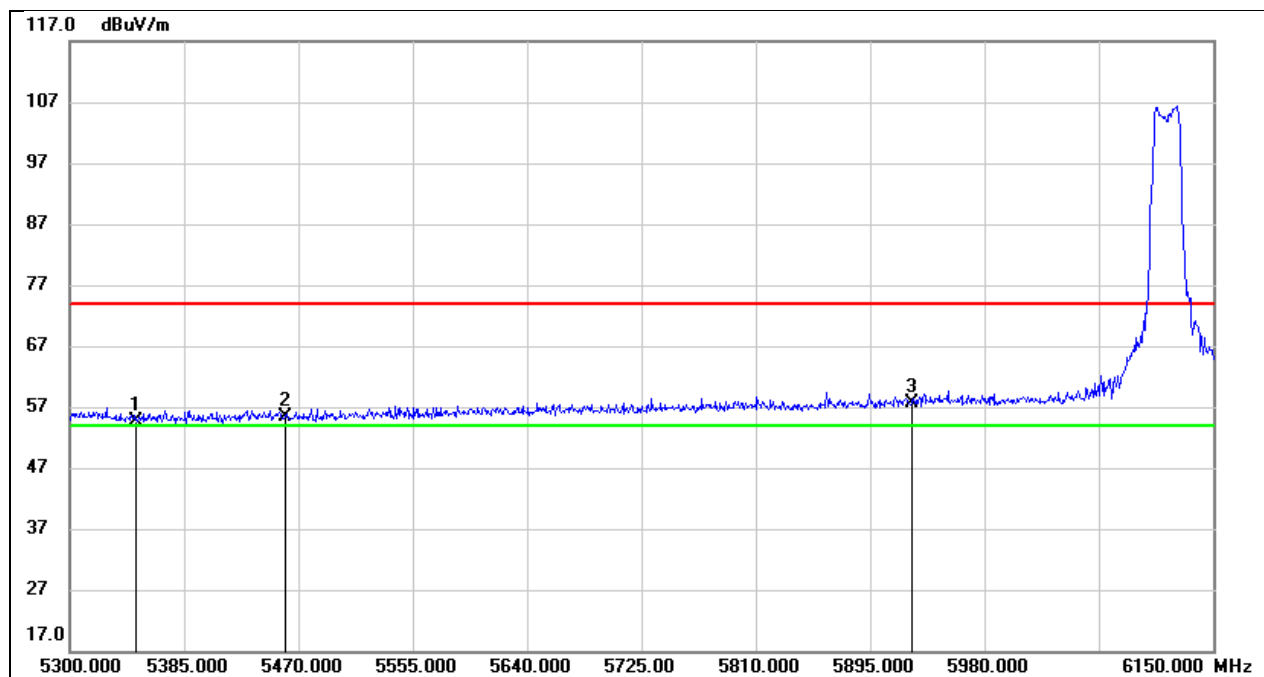
Temperature	24.8 °C	Relative Humidity	62%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**TEST RESULTS**



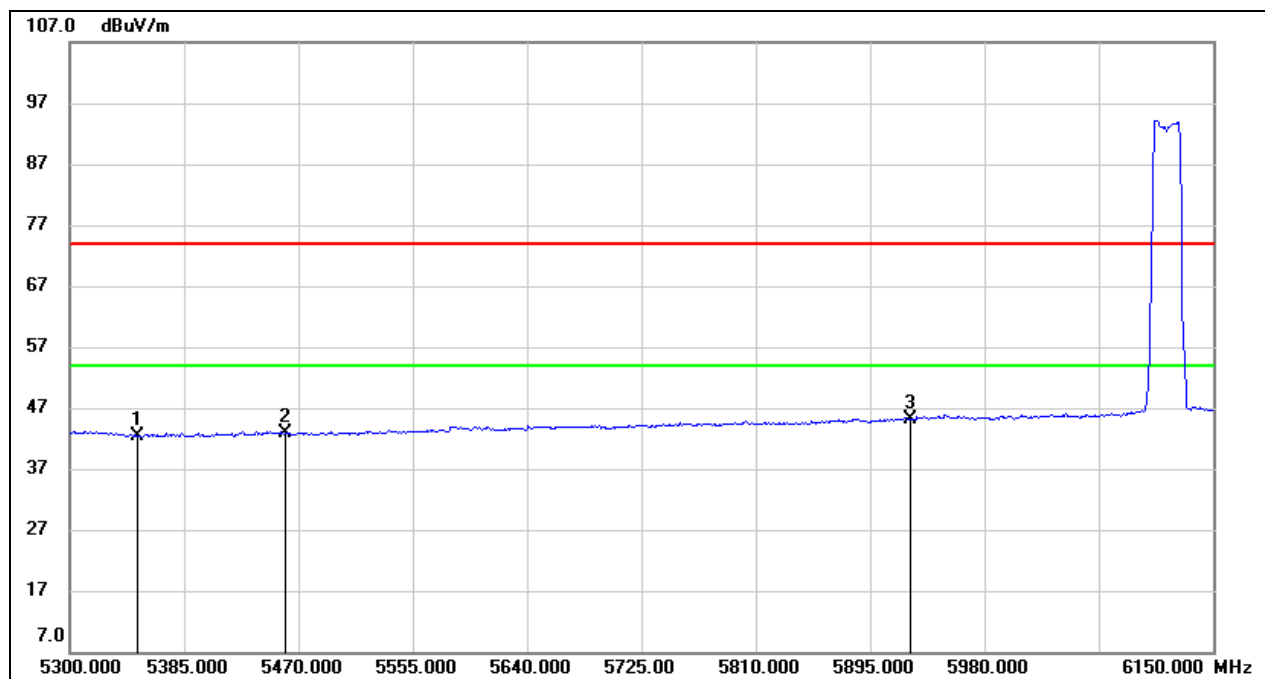
## 8.1. RESTRICTED BANDEDGE

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	6115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



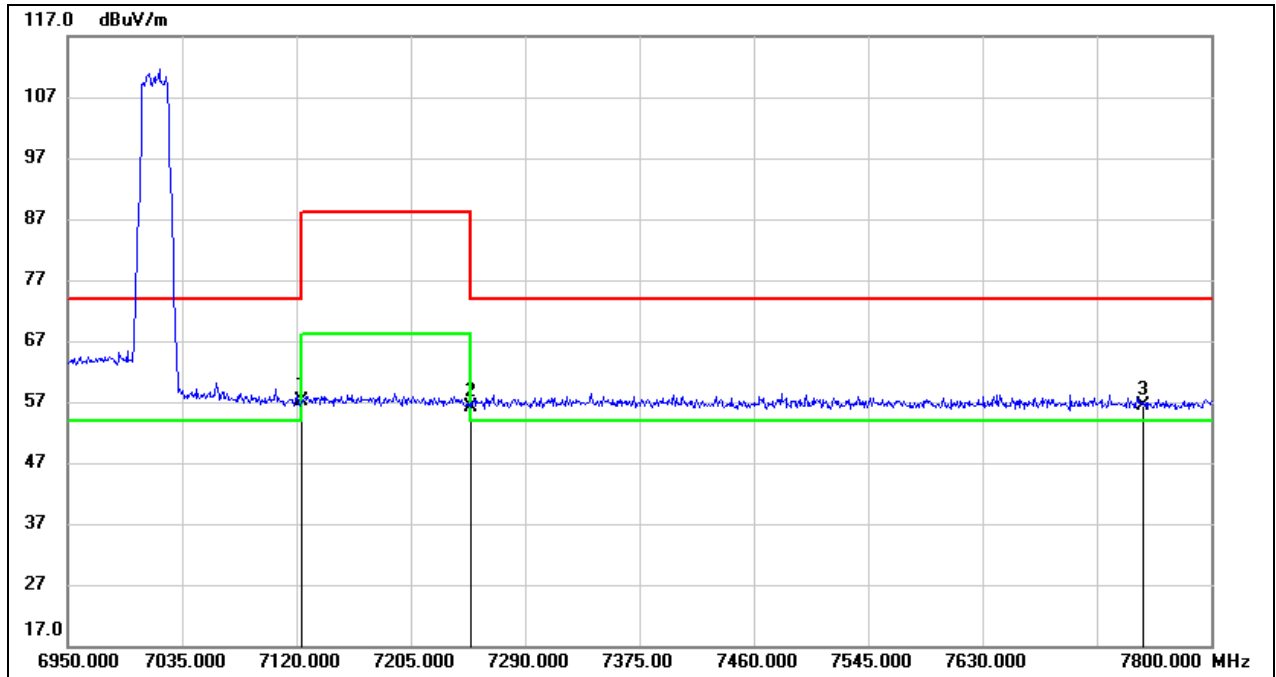
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.14	40.49	54.63	74.00	-19.37	peak
2	5460.000	14.65	40.62	55.27	74.00	-18.73	peak
3	5925.000	15.84	41.80	57.64	74.00	-16.36	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	6115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



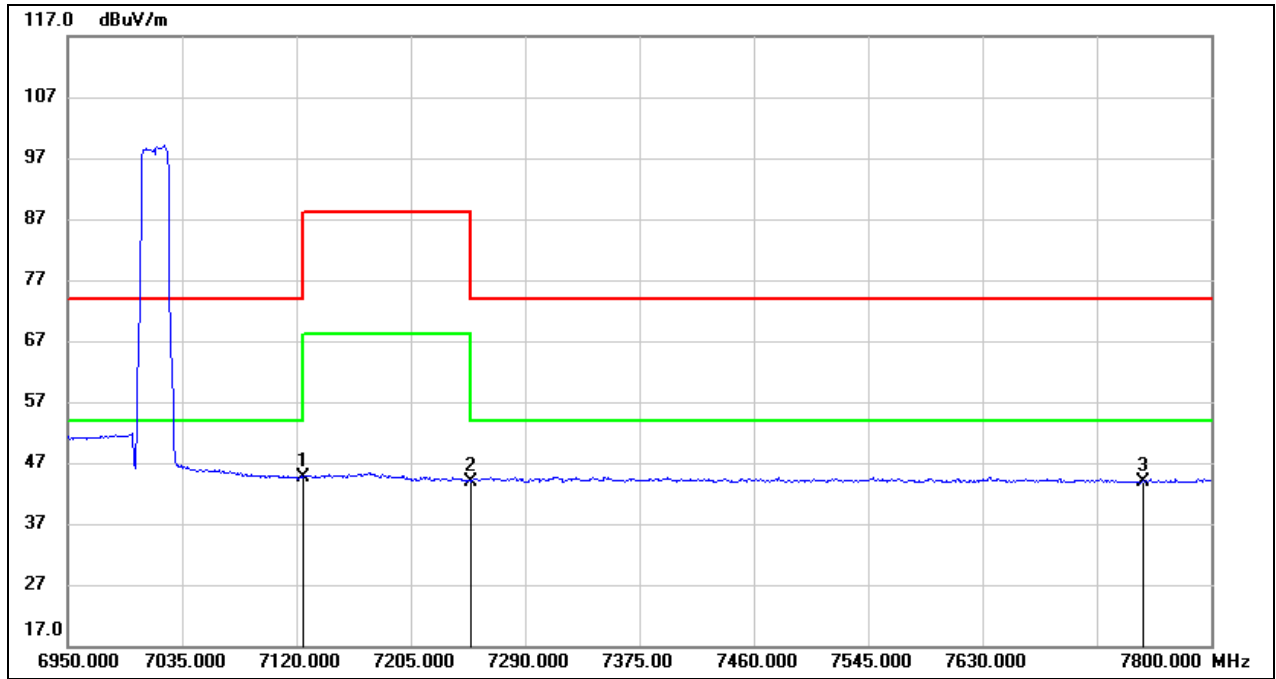
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	1.98	40.49	42.47	54.00	-11.53	AVG
2	5460.000	2.18	40.62	42.80	54.00	-11.20	AVG
3	5925.000	3.33	41.80	45.13	54.00	-8.87	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



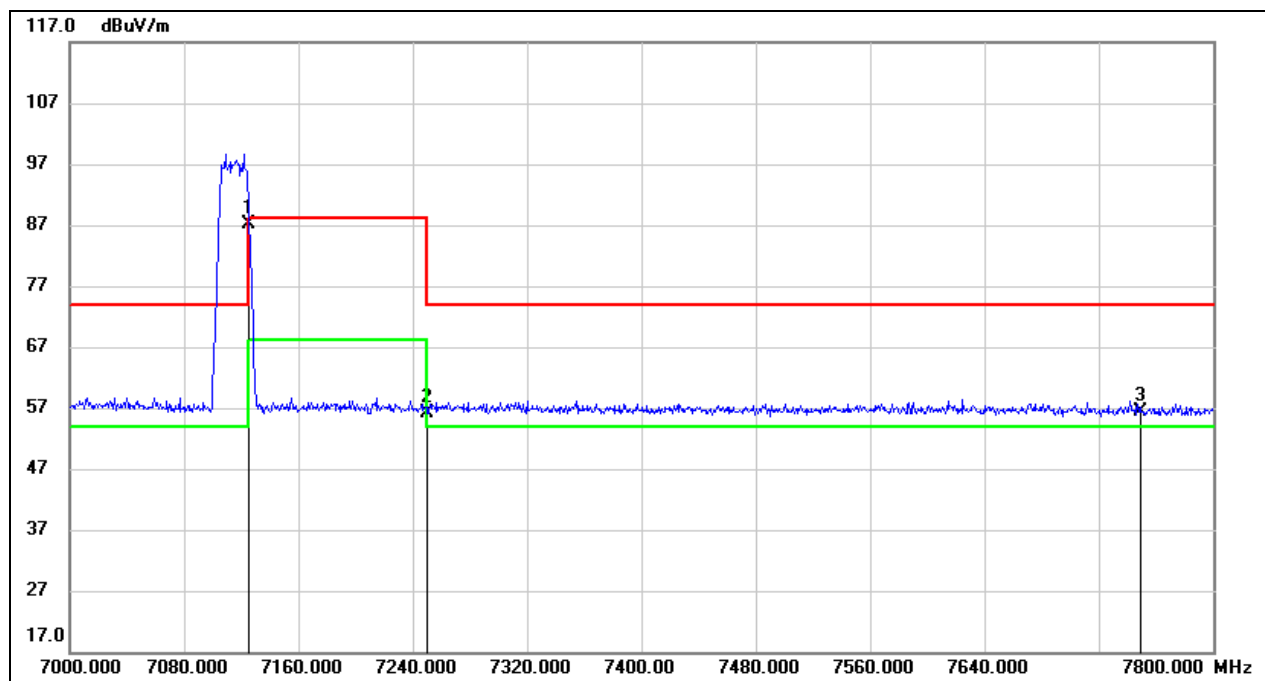
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	11.80	45.36	57.16	74.00	-16.84	peak
2	7250.000	10.75	45.27	56.02	74.00	-17.98	peak
3	7750.000	11.34	45.08	56.42	74.00	-17.58	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



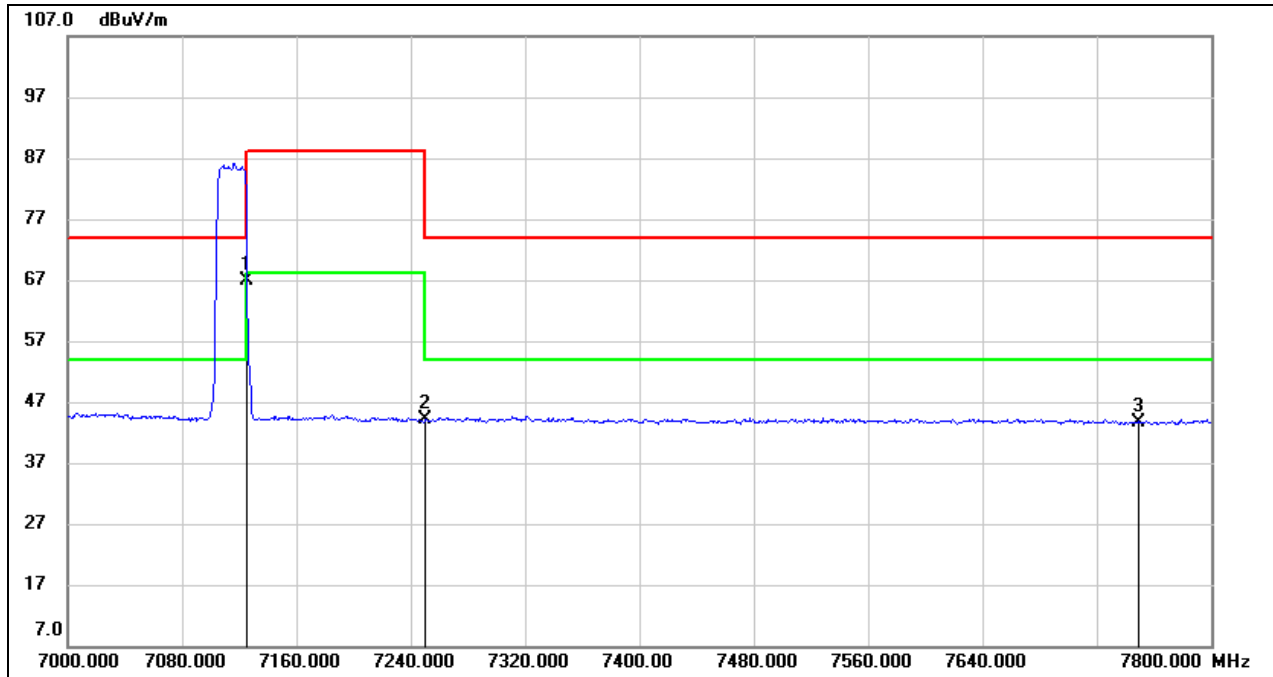
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	-0.78	45.36	44.58	54.00	-9.42	AVG
2	7250.000	-1.30	45.27	43.97	54.00	-10.03	AVG
3	7750.000	-1.19	45.08	43.89	54.00	-10.11	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



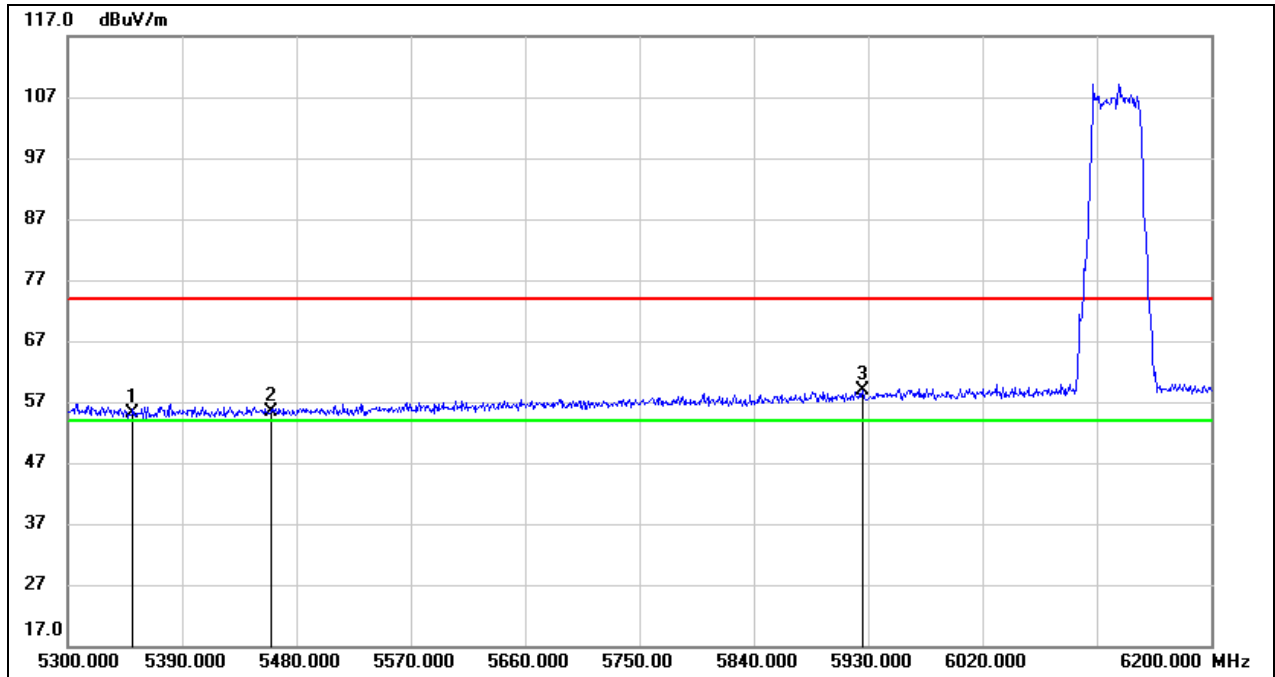
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	41.66	45.36	87.02	/	/	peak
2	7250.000	10.85	45.27	56.12	74.00	-17.88	peak
3	7750.000	11.22	45.08	56.30	74.00	-17.70	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



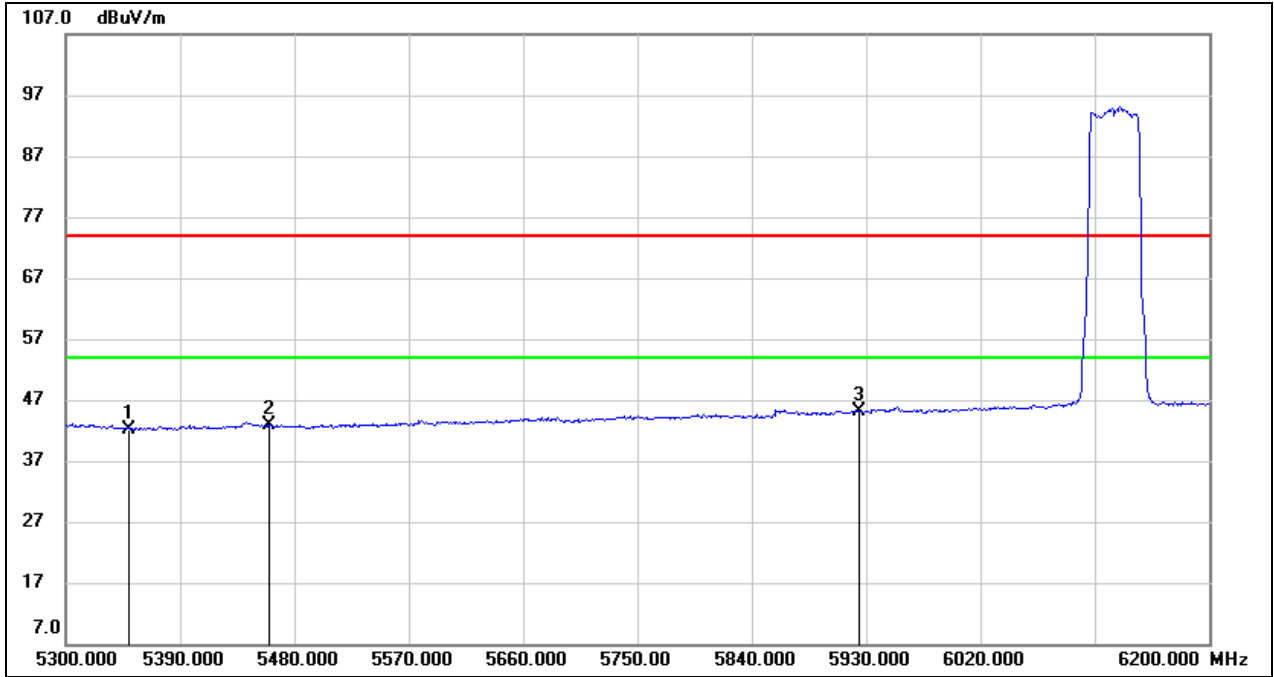
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	21.55	45.36	66.91	68.20	-1.29	AVG
2	7250.000	-1.19	45.27	44.08	54.00	-9.92	AVG
3	7750.000	-1.43	45.08	43.65	54.00	-10.35	AVG

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	6125
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.62	40.49	55.11	74.00	-18.89	peak
2	5460.000	14.81	40.62	55.43	74.00	-18.57	peak
3	5925.000	17.00	41.80	58.80	74.00	-15.20	peak

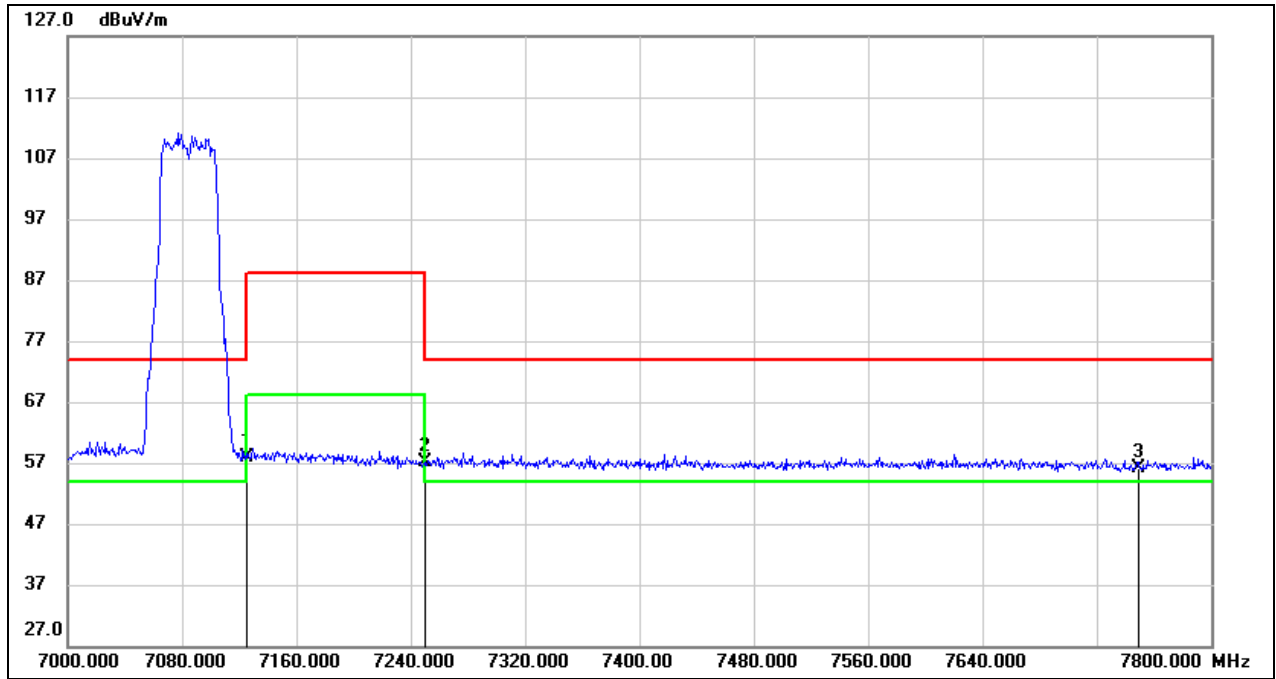
Test Mode:	802.11be EHT40 AV	Frequency(MHz):	6125
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	1.73	40.49	42.22	54.00	-11.78	AVG
2	5460.000	2.30	40.62	42.92	54.00	-11.08	AVG
3	5925.000	3.30	41.80	45.10	54.00	-8.90	AVG

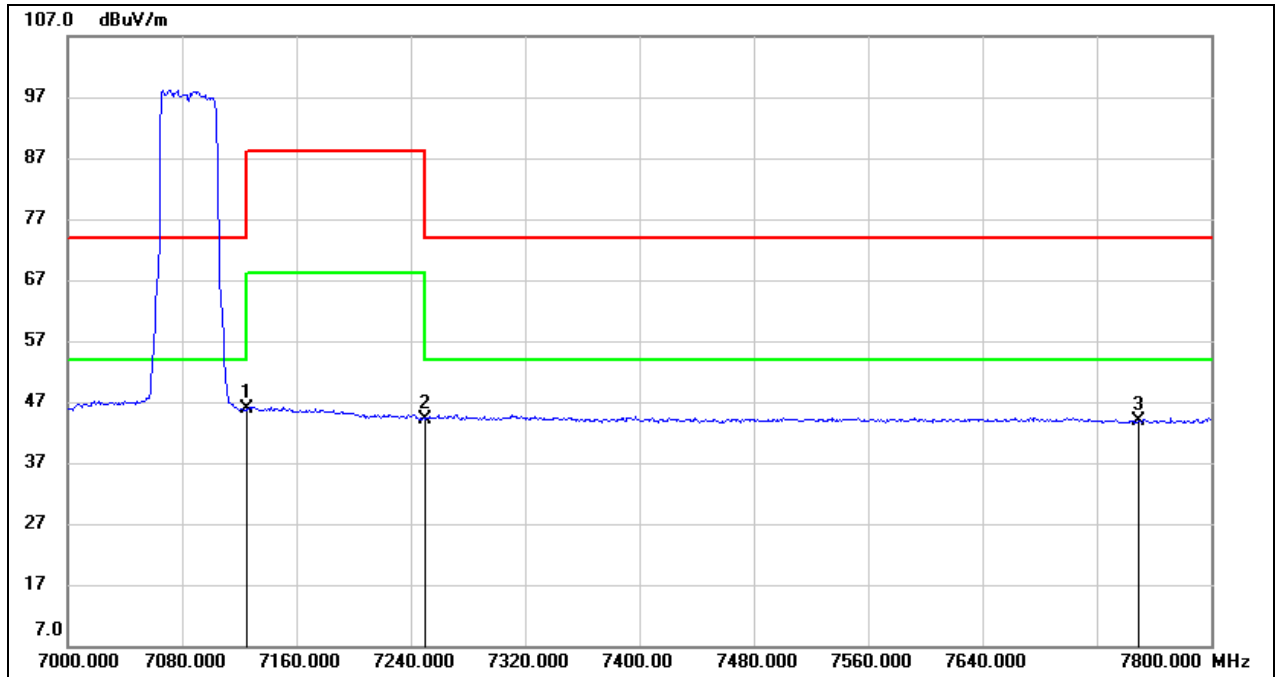


Test Mode:	802.11be EHT40 PK	Frequency(MHz):	7085
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



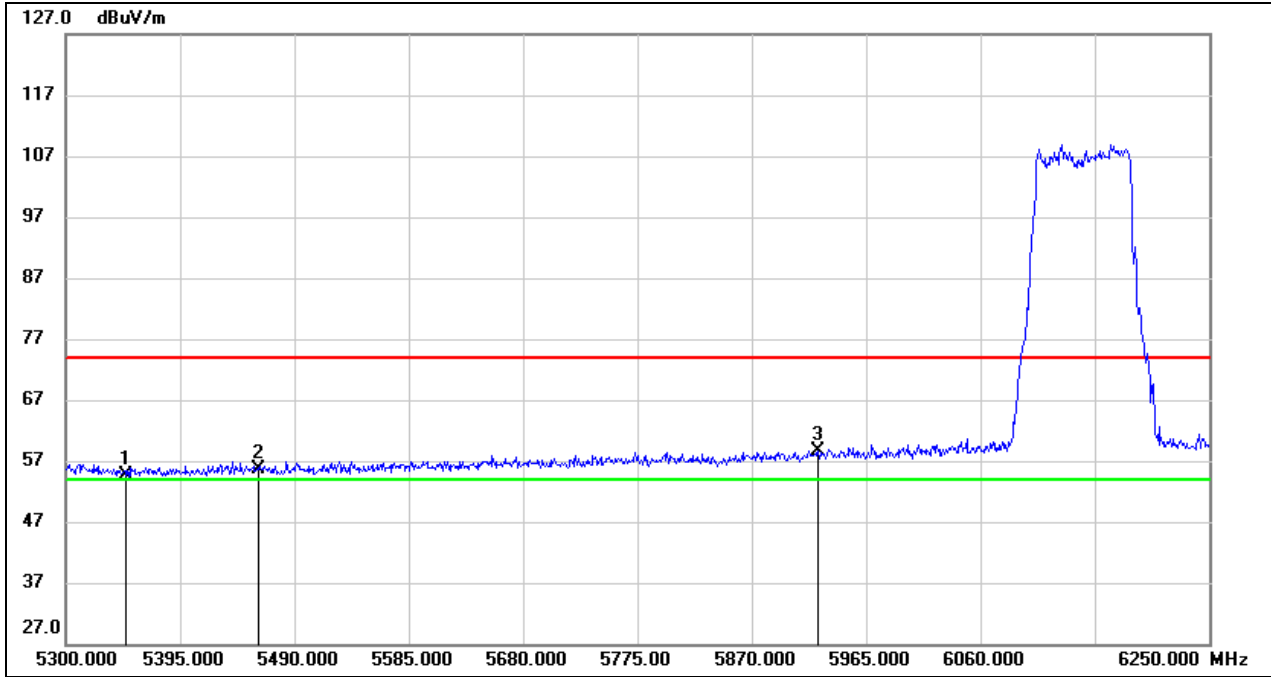
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	12.48	45.36	57.84	74.00	-16.16	peak
2	7250.000	11.81	45.27	57.08	74.00	-16.92	peak
3	7750.000	11.14	45.08	56.22	74.00	-17.78	peak

Test Mode:	802.11be EHT40 AV	Frequency(MHz):	7085
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



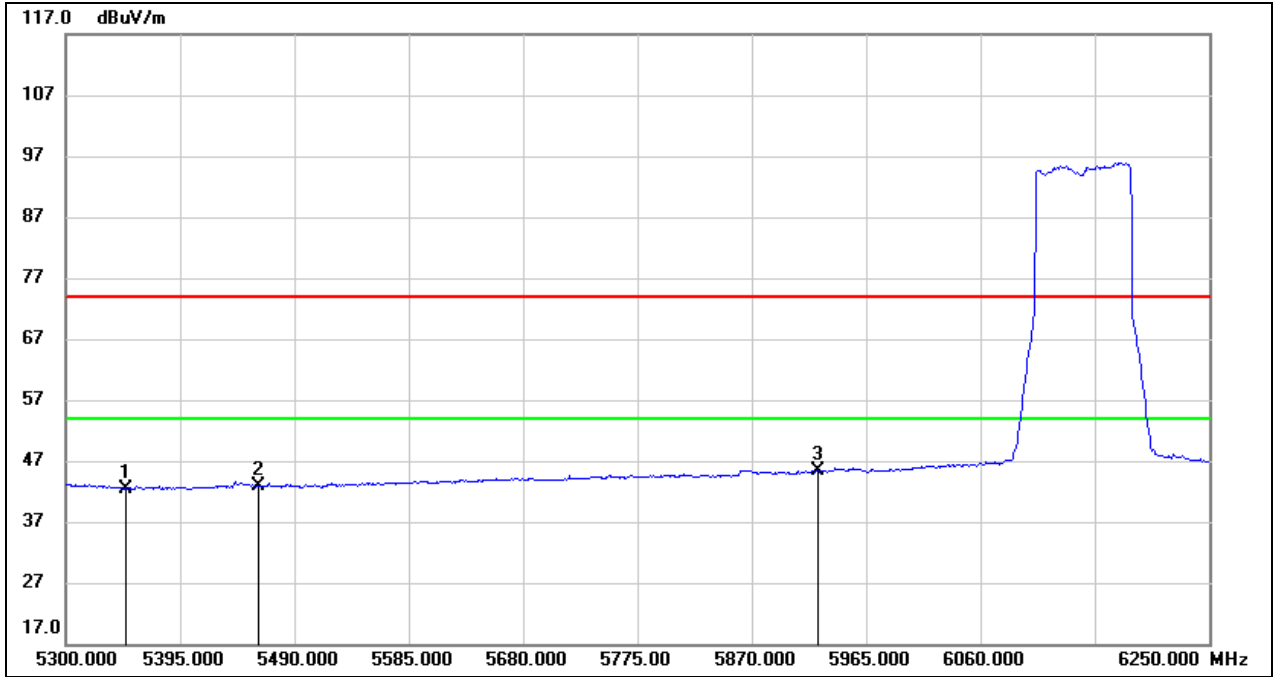
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	0.54	45.36	45.90	54.00	-8.10	AVG
2	7250.000	-1.12	45.27	44.15	54.00	-9.85	AVG
3	7750.000	-1.28	45.08	43.80	54.00	-10.20	AVG

Test Mode:	802.11be EHT80 PK	Frequency(MHz):	6145
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



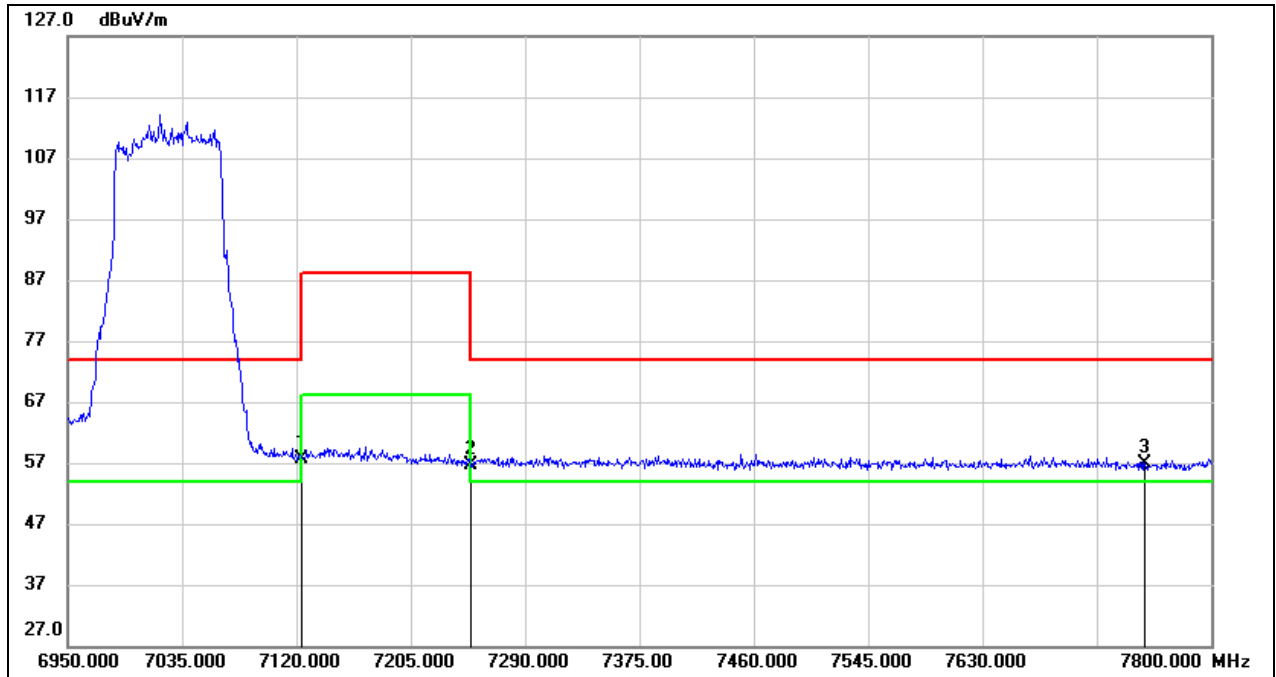
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.22	40.49	54.71	74.00	-19.29	peak
2	5460.000	14.98	40.62	55.60	74.00	-18.40	peak
3	5925.000	16.78	41.80	58.58	74.00	-15.42	peak

Test Mode:	802.11be EHT80 AV	Frequency(MHz):	6145
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



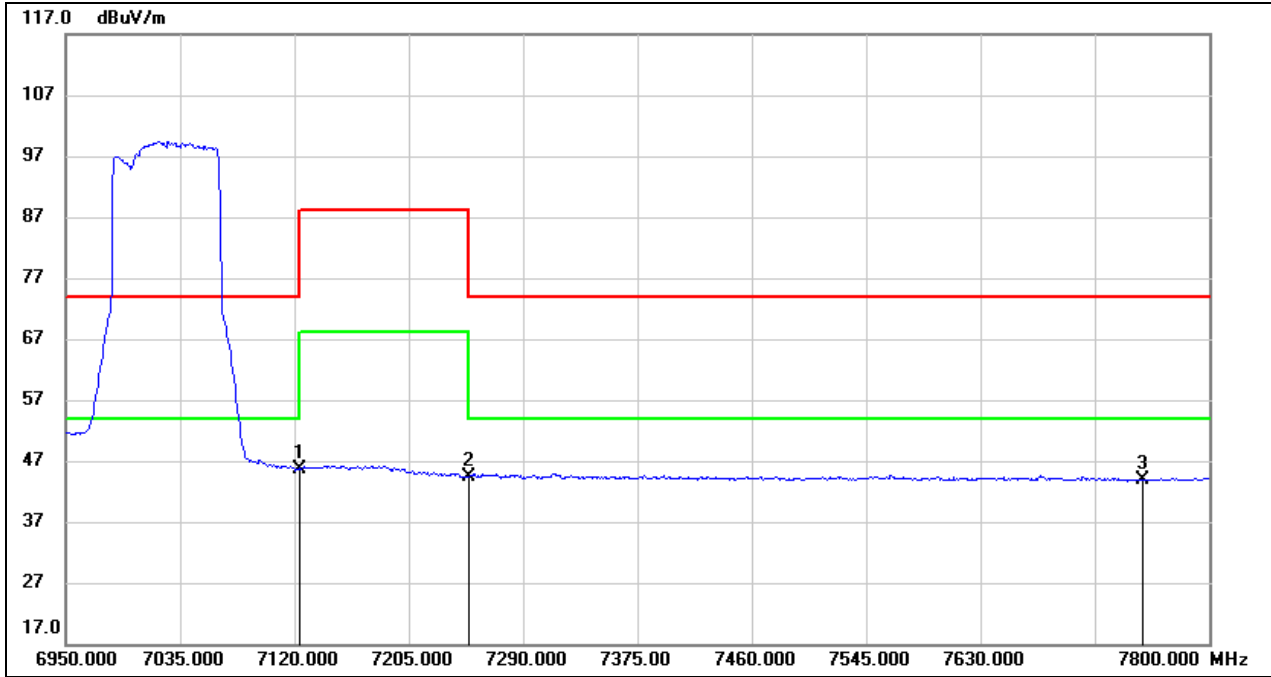
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	1.97	40.49	42.46	54.00	-11.54	AVG
2	5460.000	2.29	40.62	42.91	54.00	-11.09	AVG
3	5925.000	3.56	41.80	45.36	54.00	-8.64	AVG

Test Mode:	802.11be EHT80 PK	Frequency(MHz):	7025
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



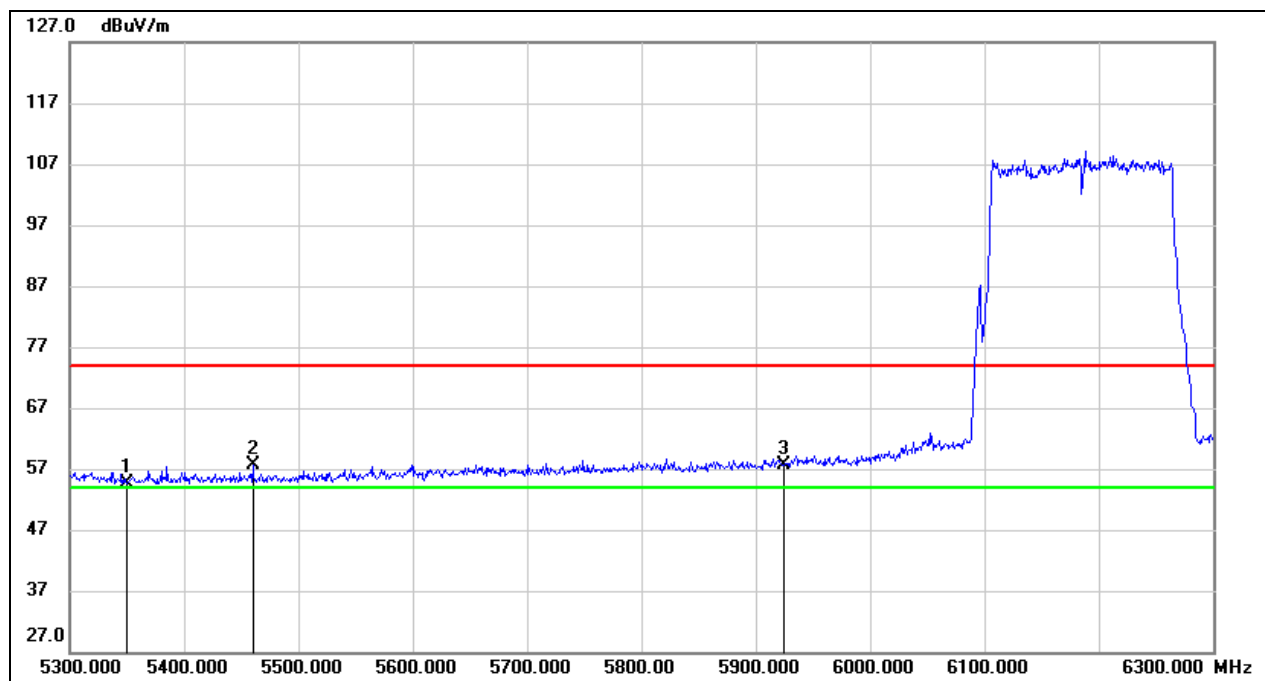
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	12.25	45.36	57.61	74.00	-16.39	peak
2	7250.000	11.46	45.27	56.73	74.00	-17.27	peak
3	7750.000	11.68	45.08	56.76	74.00	-17.24	peak

Test Mode:	802.11be EHT80 AV	Frequency(MHz):	7025
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



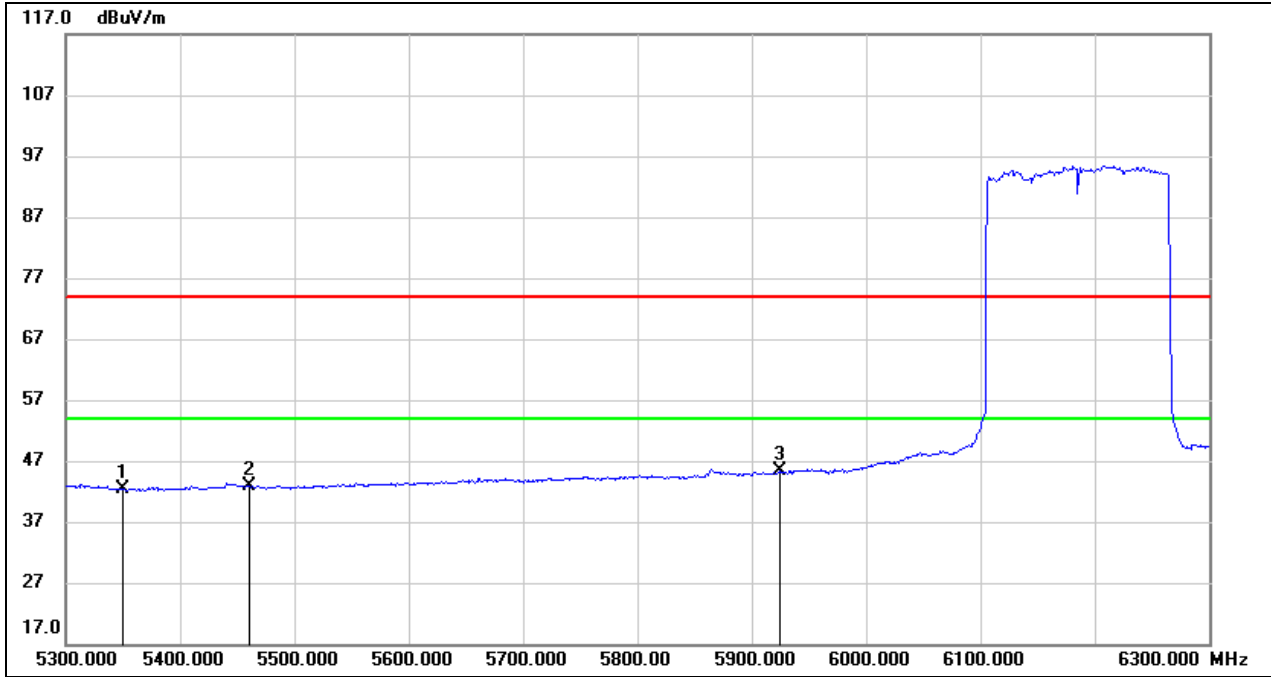
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	0.32	45.36	45.68	54.00	-8.32	AVG
2	7250.000	-0.86	45.27	44.41	54.00	-9.59	AVG
3	7750.000	-1.17	45.08	43.91	54.00	-10.09	AVG

Test Mode:	802.11be EHT160 PK	Frequency(MHz):	6185
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.26	40.49	54.75	74.00	-19.25	peak
2	5460.000	17.12	40.62	57.74	74.00	-16.26	peak
3	5925.000	15.86	41.80	57.66	74.00	-16.34	peak

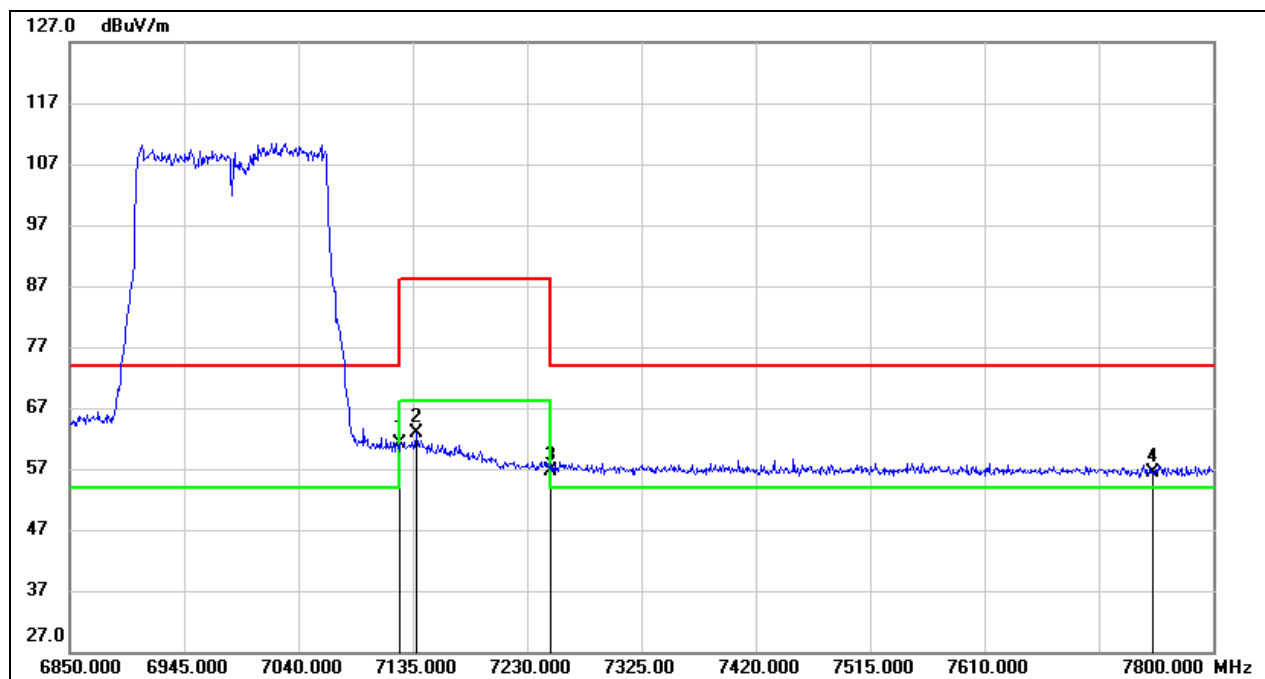
Test Mode:	802.11be EHT160 AV	Frequency(MHz):	6185
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.01	40.49	42.50	54.00	-11.50	AVG
2	5460.000	2.16	40.62	42.78	54.00	-11.22	AVG
3	5925.000	3.46	41.80	45.26	54.00	-8.74	AVG

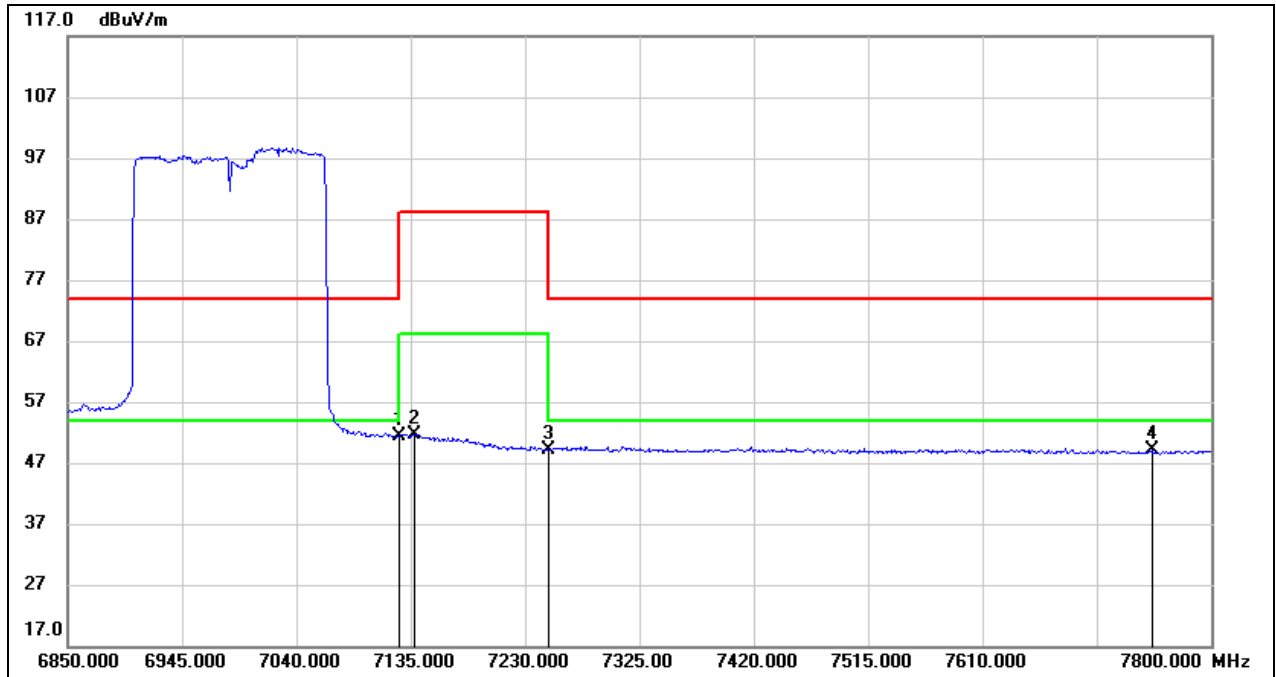


Test Mode:	802.11be EHT160 PK	Frequency(MHz):	6985
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



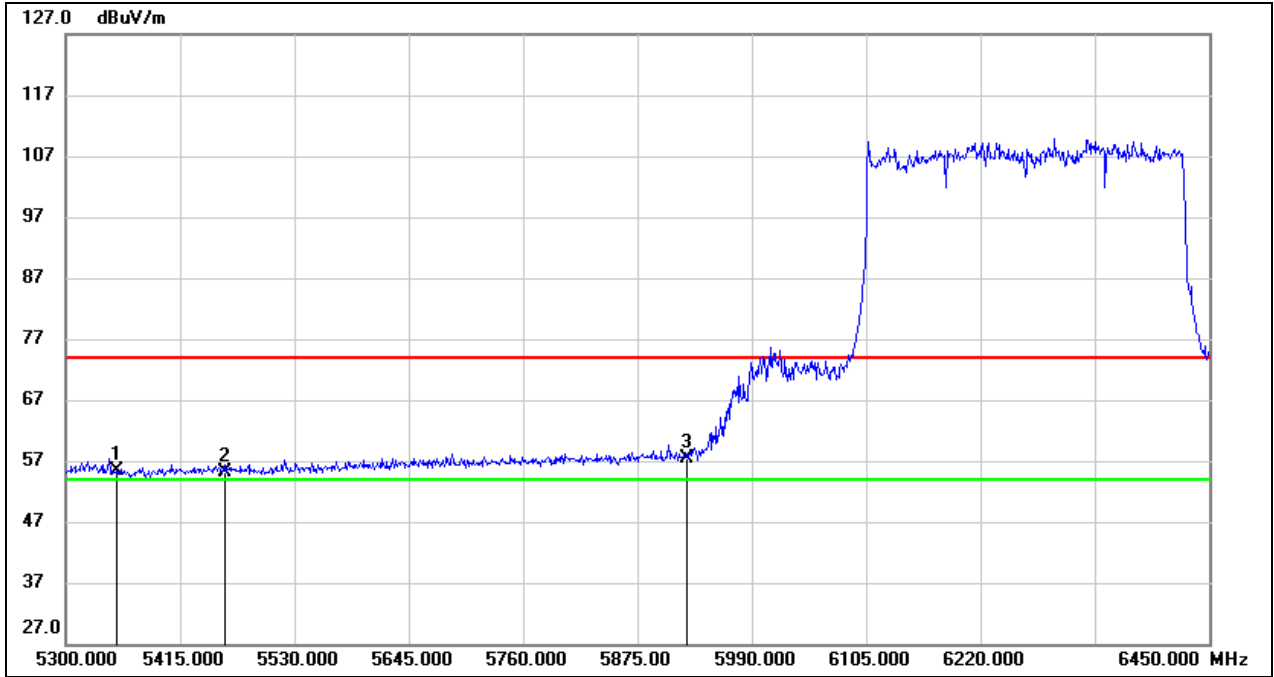
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	15.76	45.36	61.12	74.00	-12.88	peak
2	7137.850	17.48	45.36	62.84	88.20	-25.36	peak
3	7250.000	11.35	45.27	56.62	74.00	-17.38	peak
4	7750.000	11.23	45.08	56.31	74.00	-17.69	peak

Test Mode:	802.11be EHT160 AV	Frequency(MHz):	6985
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



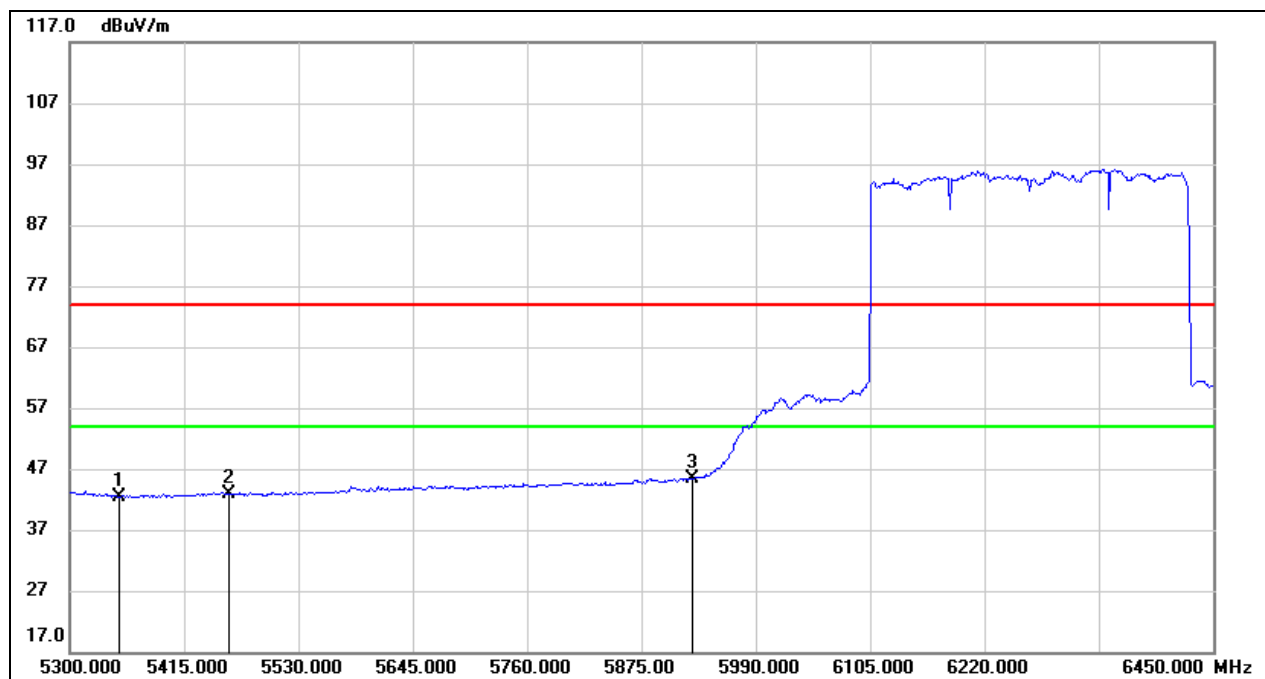
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	6.06	45.36	51.42	54.00	-2.58	AVG
2	7137.850	6.20	45.36	51.56	68.20	-16.64	AVG
3	7250.000	3.80	45.27	49.07	54.00	-4.93	AVG
4	7750.000	3.95	45.08	49.03	54.00	-4.97	AVG

Test Mode:	802.11be EHT320 PK	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



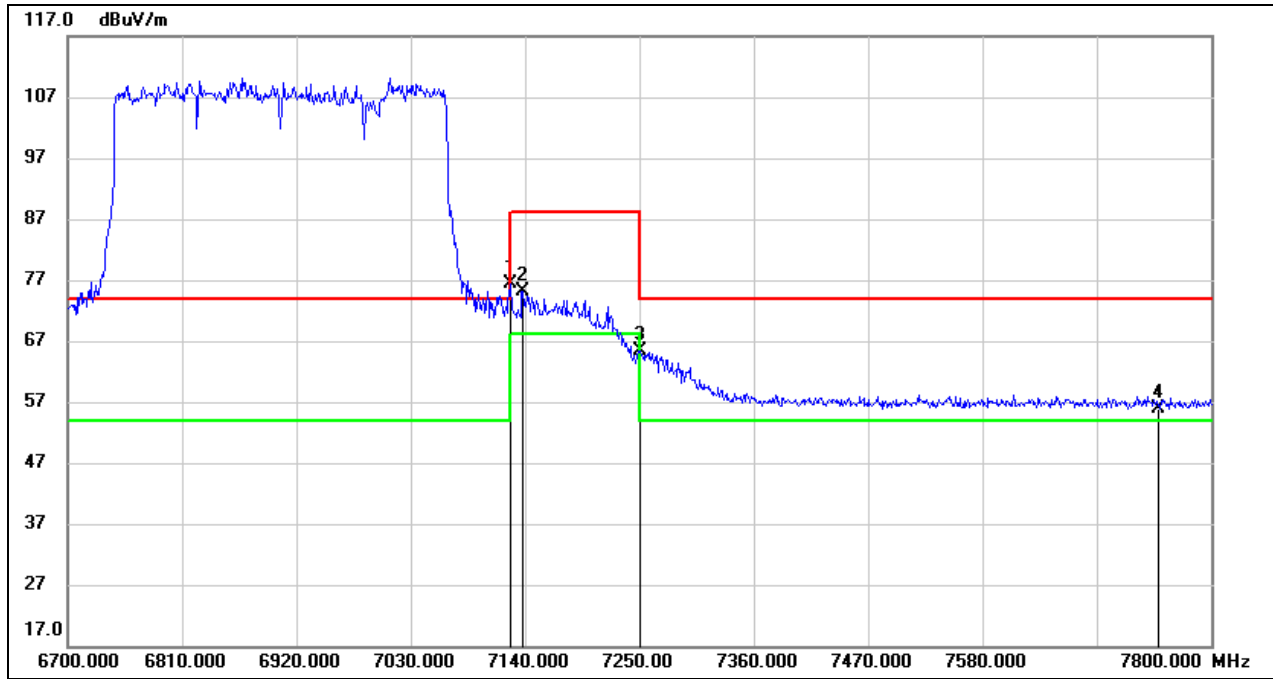
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	14.77	40.49	55.26	74.00	-18.74	peak
2	5460.000	14.55	40.62	55.17	74.00	-18.83	peak
3	5925.000	15.67	41.80	57.47	74.00	-16.53	peak

Test Mode:	802.11be EHT320 AV	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



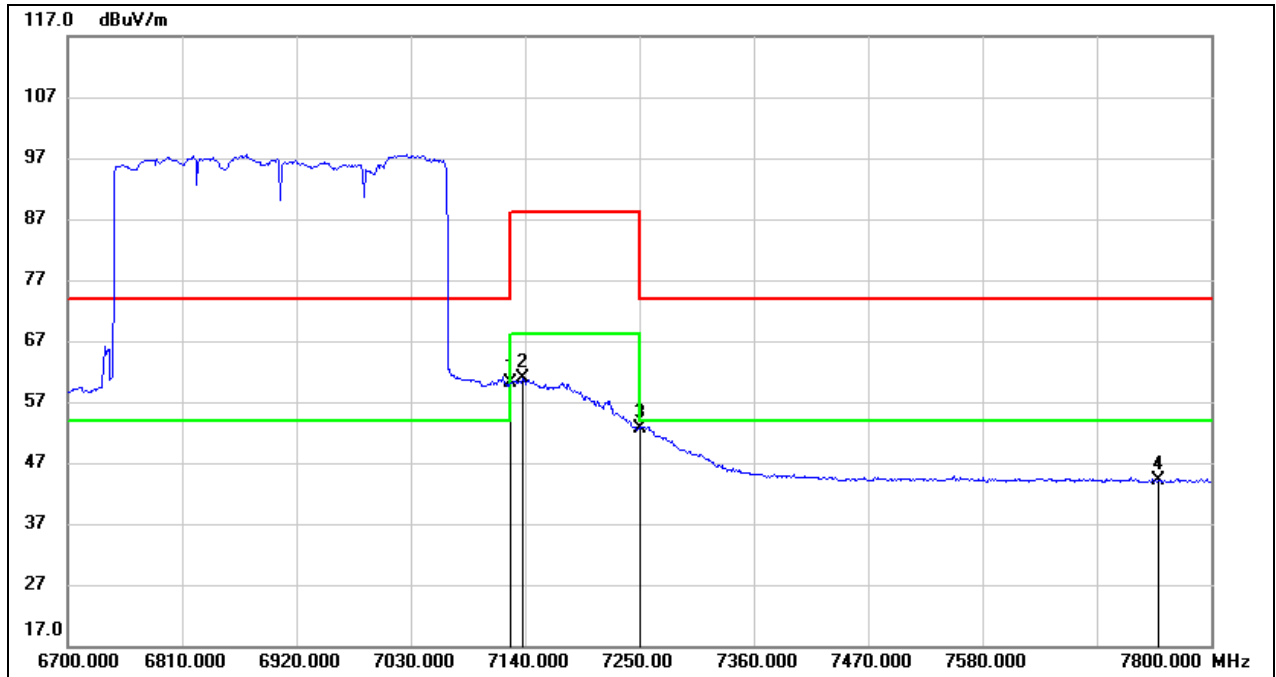
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	1.90	40.49	42.39	54.00	-11.61	AVG
2	5460.000	2.19	40.62	42.81	54.00	-11.19	AVG
3	5925.000	3.61	41.80	45.41	54.00	-8.59	AVG

Test Mode:	802.11be EHT320 PK	Frequency(MHz):	6905
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	31.11	45.36	76.47	/	/	peak
2	7137.800	29.75	45.36	75.11	88.20	-13.09	peak
3	7250.000	20.10	45.27	65.37	74.00	-8.63	peak
4	7750.000	10.91	45.08	55.99	74.00	-18.01	peak

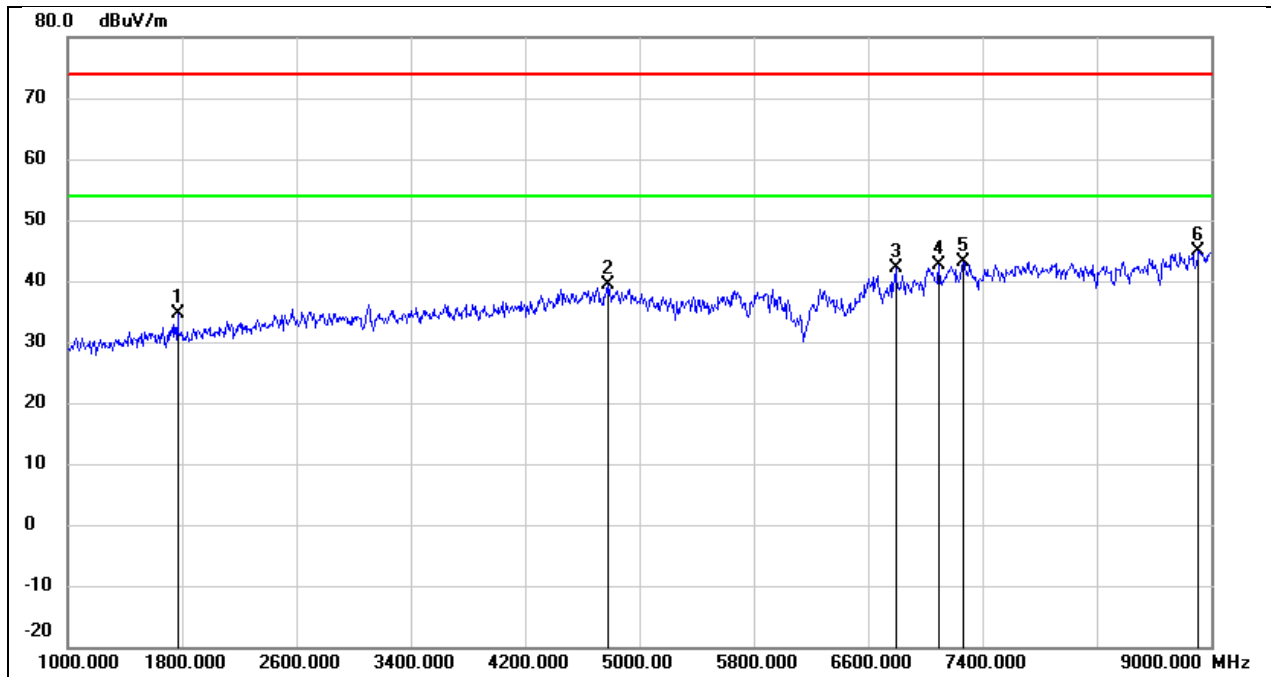
Test Mode:	802.11be EHT320 AV	Frequency(MHz):	6905
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	14.85	45.36	60.21	68.20	-7.99	AVG
2	7137.800	15.51	45.36	60.87	68.20	-7.33	AVG
3	7250.000	7.42	45.27	52.69	54.00	-1.31	AVG
4	7750.000	-1.03	45.08	44.05	54.00	-9.95	AVG

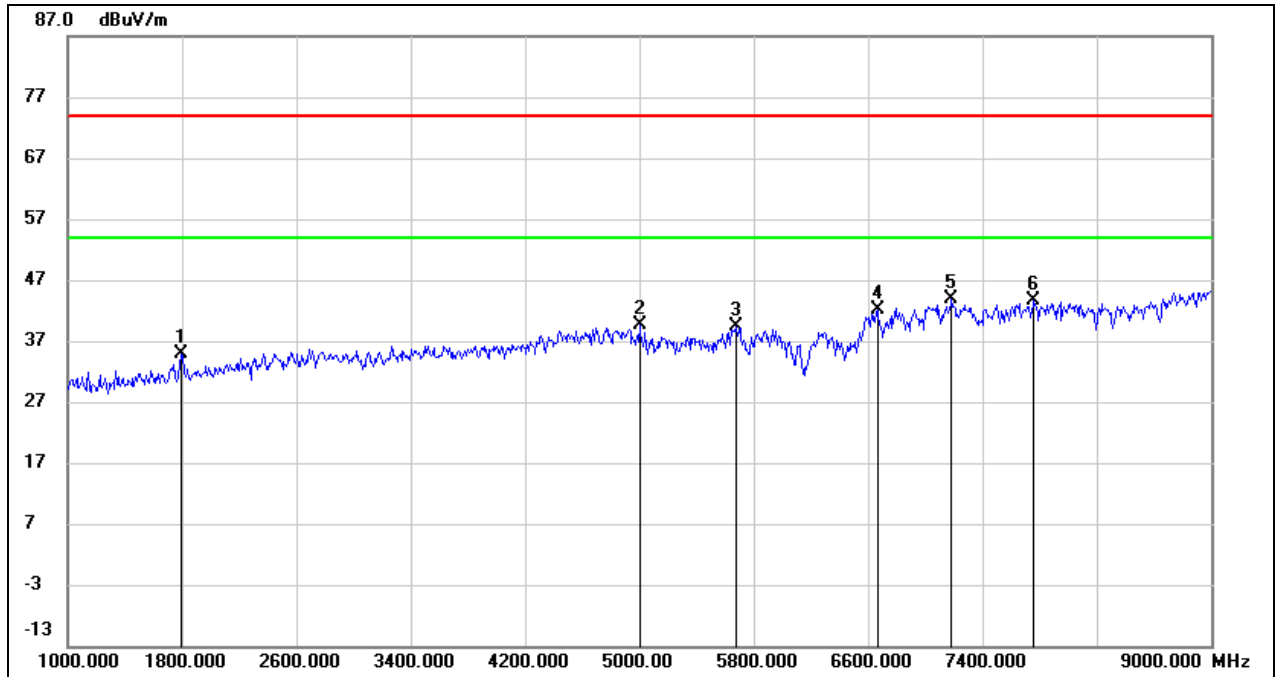
## 8.2. SPURIOUS EMISSIONS (1 GHZ ~ 9 GHZ)

Test Mode:	802.11be EHT20	Frequency(MHz):	6115
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1768.000	46.49	-11.83	34.66	74.00	-39.34	peak
2	4776.000	40.34	-1.04	39.30	74.00	-34.70	peak
3	6792.000	36.83	5.18	42.01	74.00	-31.99	peak
4	7096.000	36.41	6.11	42.52	74.00	-31.48	peak
5	7264.000	37.20	5.93	43.13	74.00	-30.87	peak
6	8912.000	35.74	9.11	44.85	74.00	-29.15	peak

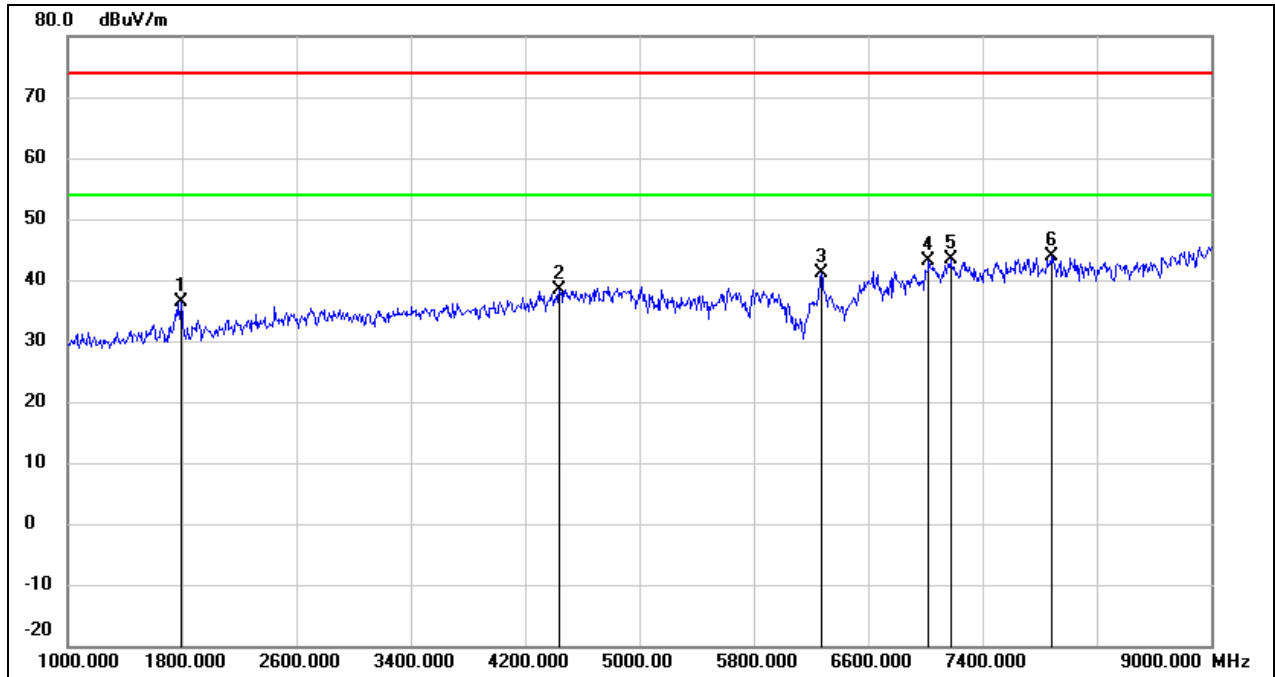
Test Mode:	802.11be EHT20	Frequency(MHz):	6115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.000	46.68	-11.75	34.93	74.00	-39.07	peak
2	5000.000	39.78	-0.15	39.63	74.00	-34.37	peak
3	5672.000	38.36	0.91	39.27	74.00	-34.73	peak
4	6664.000	37.55	4.54	42.09	74.00	-31.91	peak
5	7184.000	37.85	6.01	43.86	74.00	-30.14	peak
6	7760.000	37.99	5.67	43.66	74.00	-30.34	peak

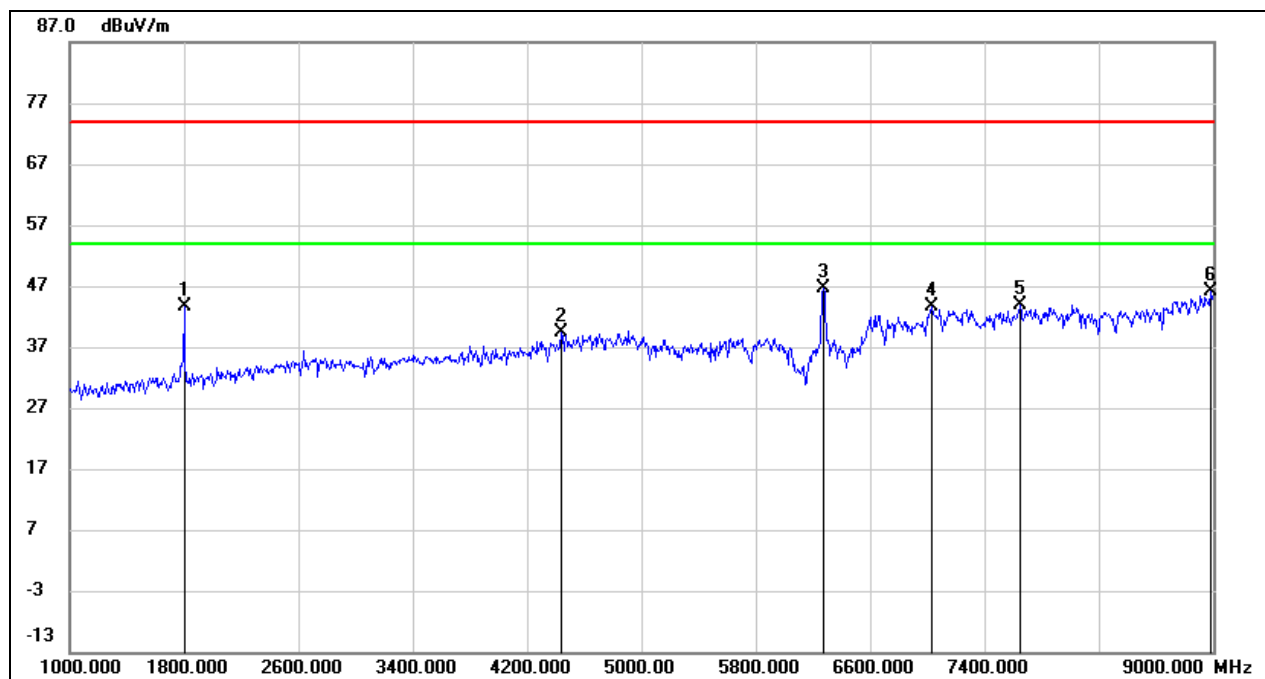


Test Mode:	802.11be EHT20	Frequency(MHz):	6275
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



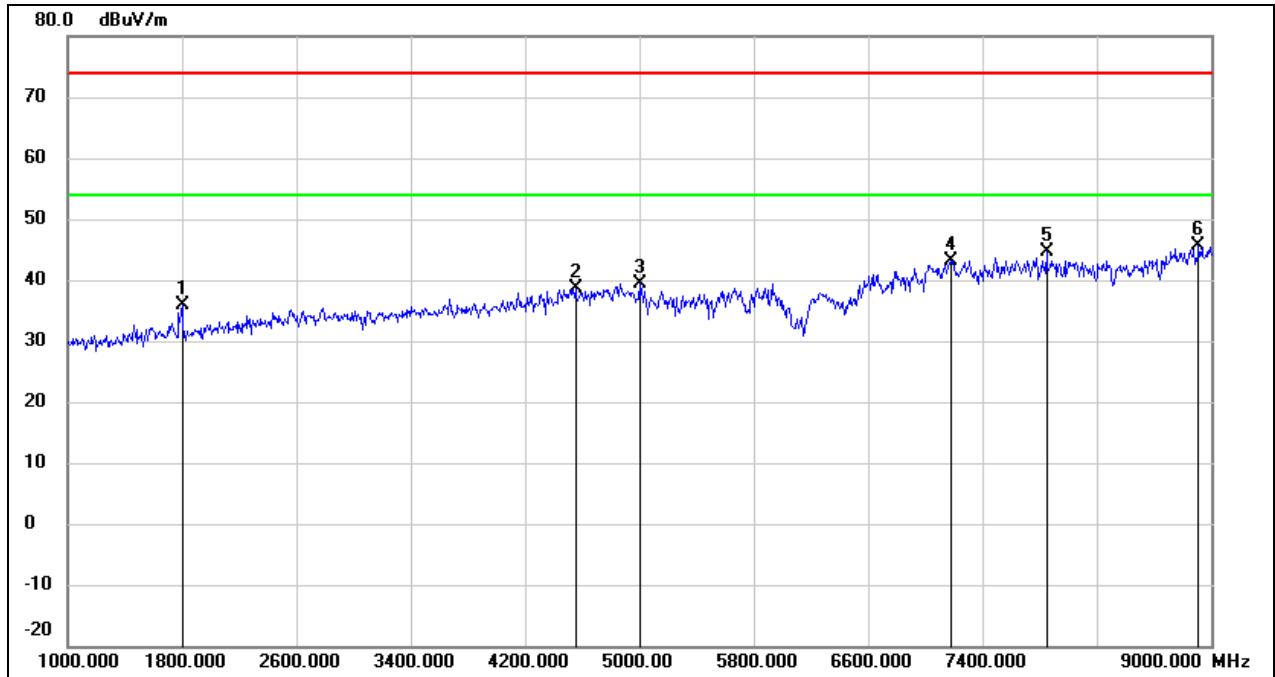
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.000	48.07	-11.75	36.32	74.00	-37.68	peak
2	4440.000	40.72	-2.42	38.30	74.00	-35.70	peak
3	6272.000	38.31	2.86	41.17	74.00	-32.83	peak
4	7024.000	36.99	6.18	43.17	74.00	-30.83	peak
5	7176.000	37.33	6.02	43.35	74.00	-30.65	peak
6	7880.000	38.11	5.66	43.77	74.00	-30.23	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6275
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



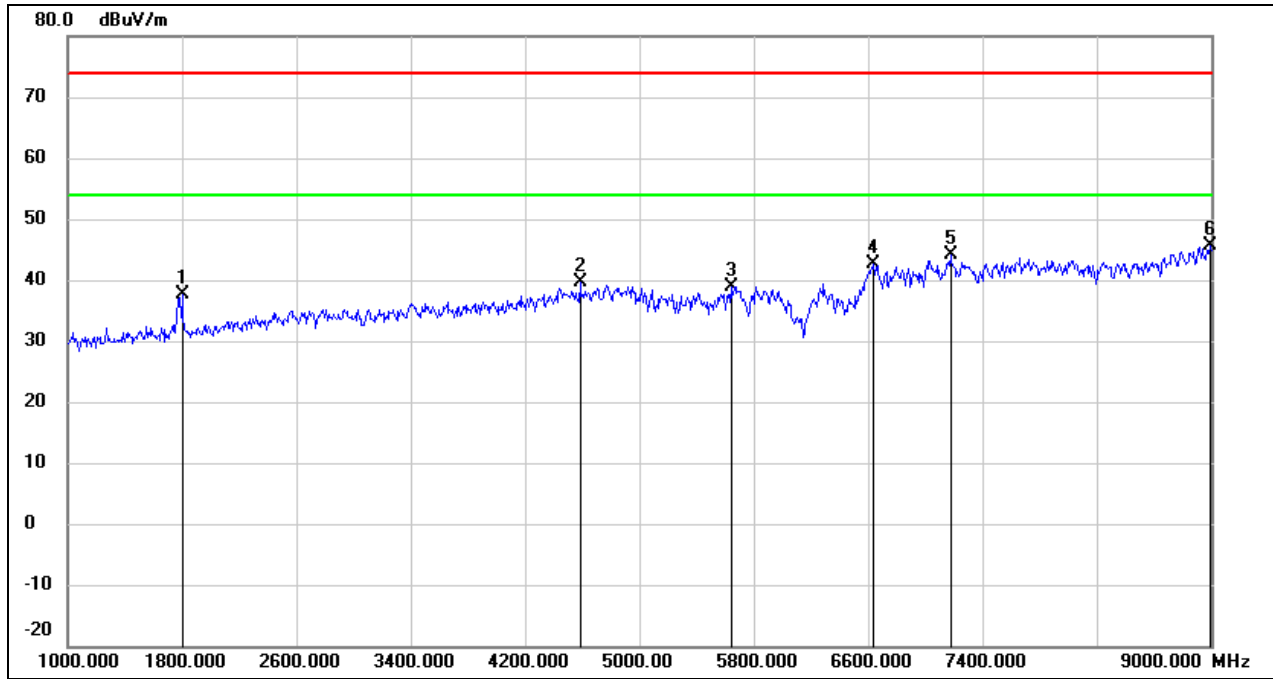
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	55.32	-11.72	43.60	74.00	-30.40	peak
2	4440.000	41.71	-2.42	39.29	74.00	-34.71	peak
3	6272.000	43.68	2.86	46.54	74.00	-27.46	peak
4	7032.000	37.44	6.17	43.61	74.00	-30.39	peak
5	7648.000	38.20	5.68	43.88	74.00	-30.12	peak
6	8984.000	36.61	9.62	46.23	74.00	-27.77	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6415
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



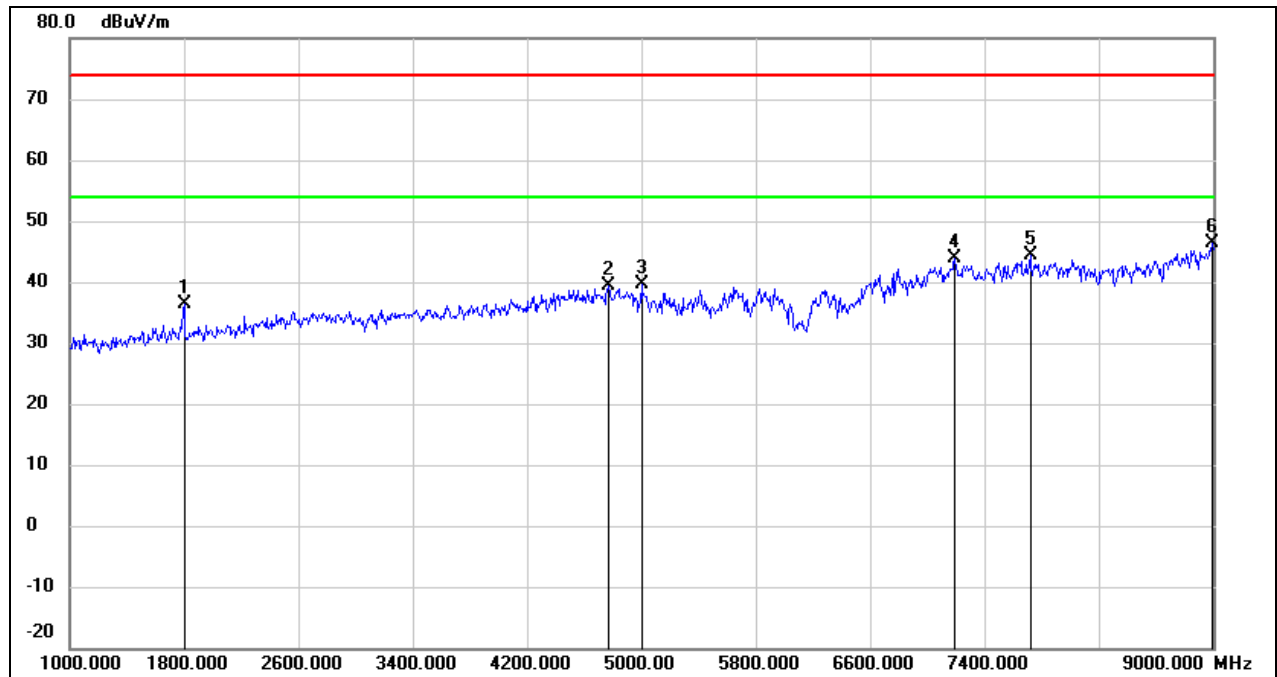
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	47.69	-11.72	35.97	74.00	-38.03	peak
2	4552.000	40.46	-1.93	38.53	74.00	-35.47	peak
3	5000.000	39.64	-0.15	39.49	74.00	-34.51	peak
4	7176.000	37.09	6.02	43.11	74.00	-30.89	peak
5	7848.000	38.93	5.67	44.60	74.00	-29.40	peak
6	8912.000	36.52	9.11	45.63	74.00	-28.37	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6415
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



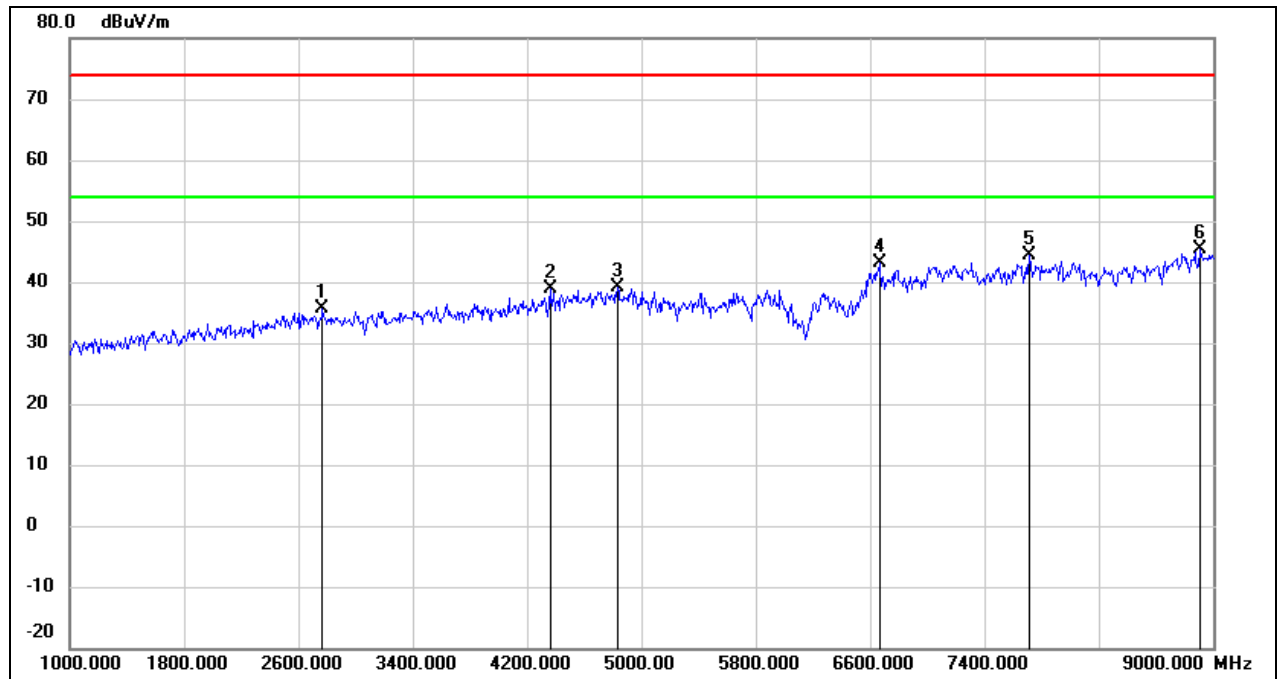
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	49.23	-11.72	37.51	74.00	-36.49	peak
2	4584.000	41.36	-1.80	39.56	74.00	-34.44	peak
3	5640.000	38.10	0.82	38.92	74.00	-35.08	peak
4	6640.000	38.33	4.41	42.74	74.00	-31.26	peak
5	7176.000	37.99	6.02	44.01	74.00	-29.99	peak
6	8992.000	36.01	9.68	45.69	74.00	-28.31	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6435
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



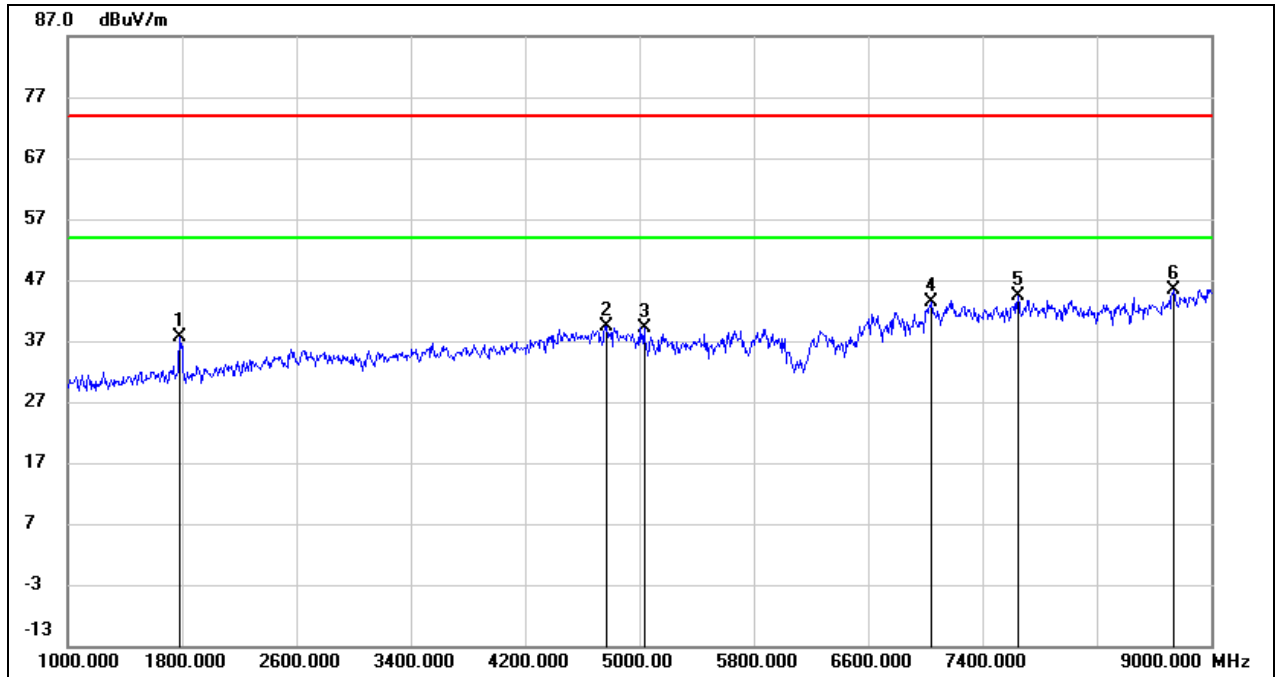
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	48.15	-11.72	36.43	74.00	-37.57	peak
2	4768.000	40.53	-1.07	39.46	74.00	-34.54	peak
3	5000.000	39.84	-0.15	39.69	74.00	-34.31	peak
4	7192.000	37.79	6.00	43.79	74.00	-30.21	peak
5	7720.000	38.59	5.67	44.26	74.00	-29.74	peak
6	8992.000	36.65	9.68	46.33	74.00	-27.67	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6435
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



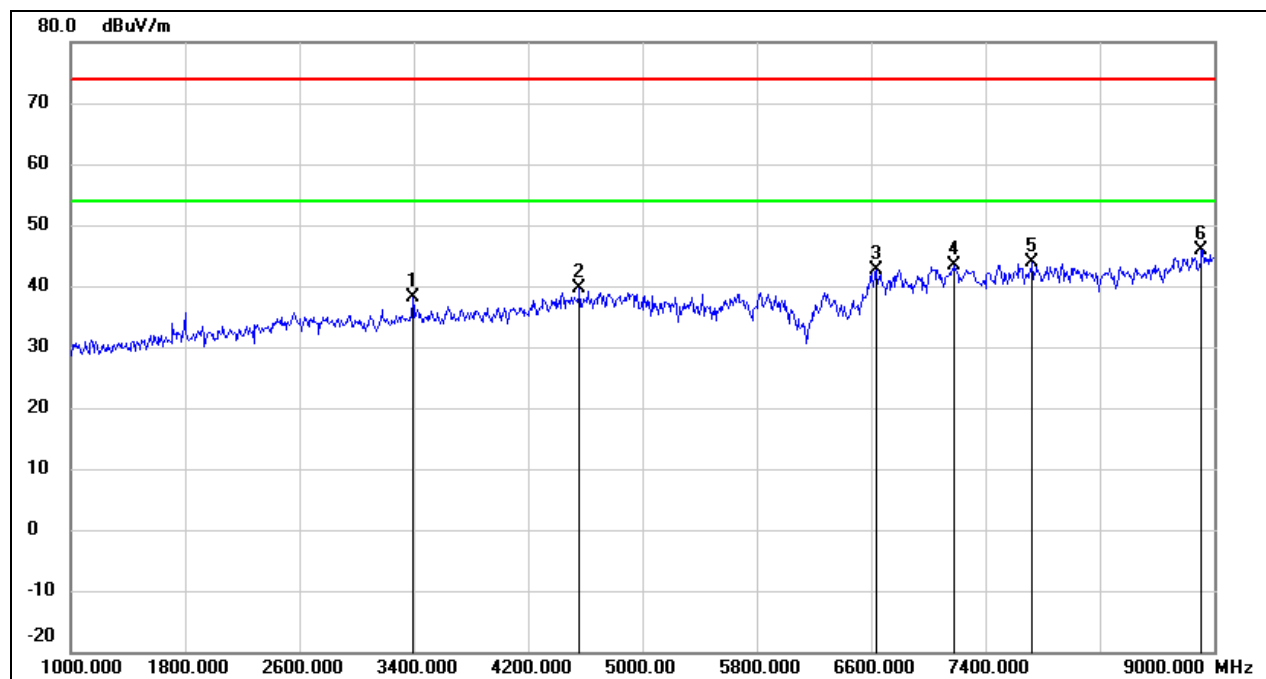
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2768.000	43.38	-7.68	35.70	74.00	-38.30	peak
2	4360.000	41.74	-2.80	38.94	74.00	-35.06	peak
3	4832.000	39.96	-0.83	39.13	74.00	-34.87	peak
4	6664.000	38.48	4.54	43.02	74.00	-30.98	peak
5	7712.000	38.58	5.68	44.26	74.00	-29.74	peak
6	8904.000	36.38	9.06	45.44	74.00	-28.56	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6475
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1784.000	49.40	-11.77	37.63	74.00	-36.37	peak
2	4768.000	40.51	-1.07	39.44	74.00	-34.56	peak
3	5032.000	39.20	-0.12	39.08	74.00	-34.92	peak
4	7040.000	37.10	6.17	43.27	74.00	-30.73	peak
5	7648.000	38.64	5.68	44.32	74.00	-29.68	peak
6	8736.000	37.56	7.88	45.44	74.00	-28.56	peak

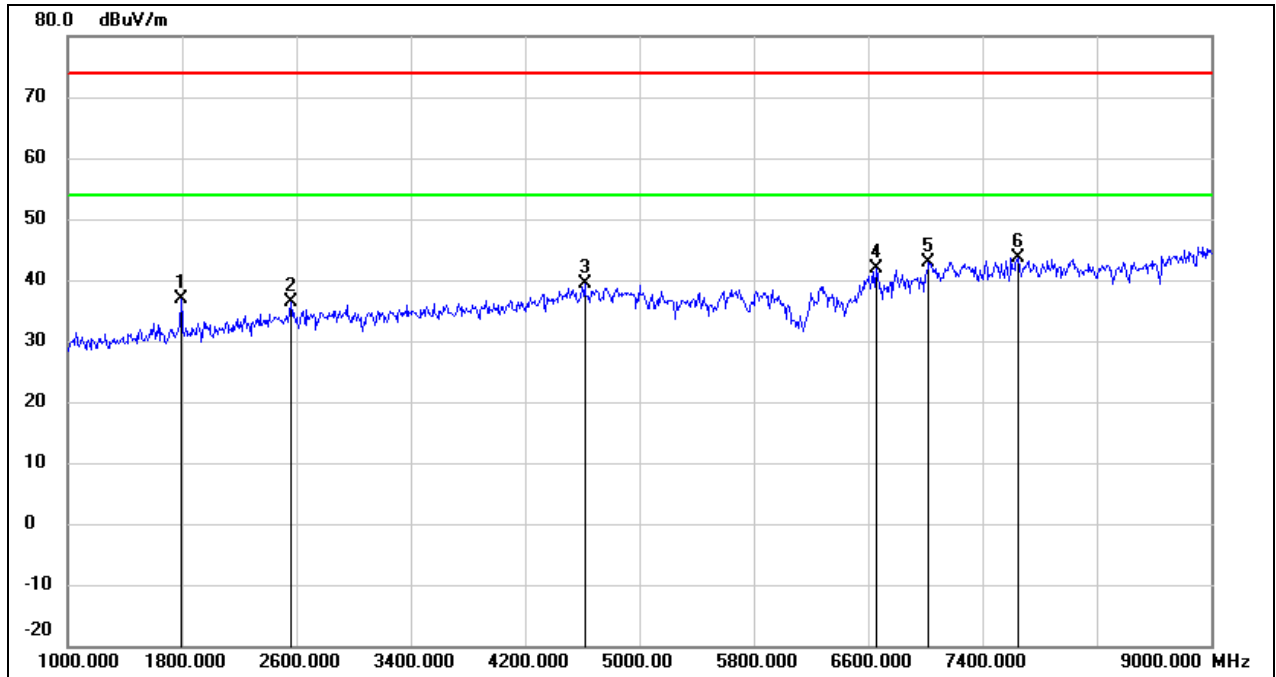
Test Mode:	802.11be EHT20	Frequency(MHz):	6475
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3392.000	44.29	-6.09	38.20	74.00	-35.80	peak
2	4560.000	41.43	-1.91	39.52	74.00	-34.48	peak
3	6632.000	38.26	4.38	42.64	74.00	-31.36	peak
4	7184.000	37.44	6.01	43.45	74.00	-30.55	peak
5	7728.000	38.20	5.68	43.88	74.00	-30.12	peak
6	8912.000	36.89	9.11	46.00	74.00	-28.00	peak

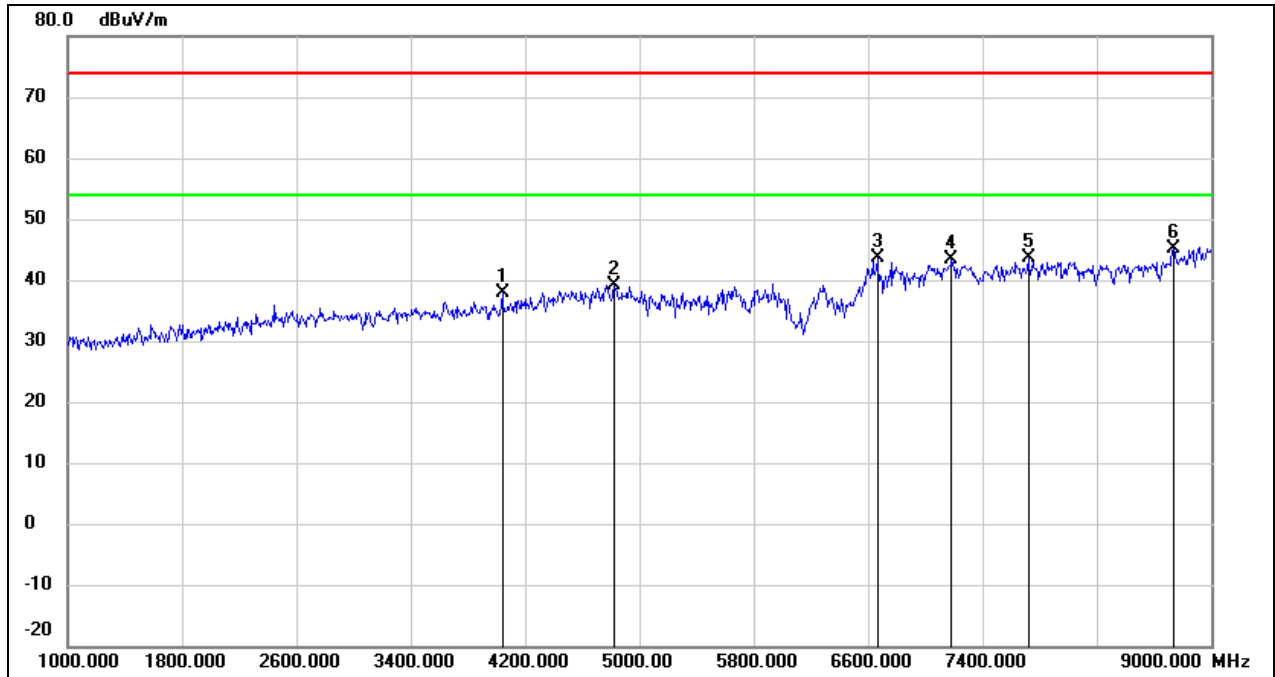


Test Mode:	802.11be EHT20	Frequency(MHz):	6515
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



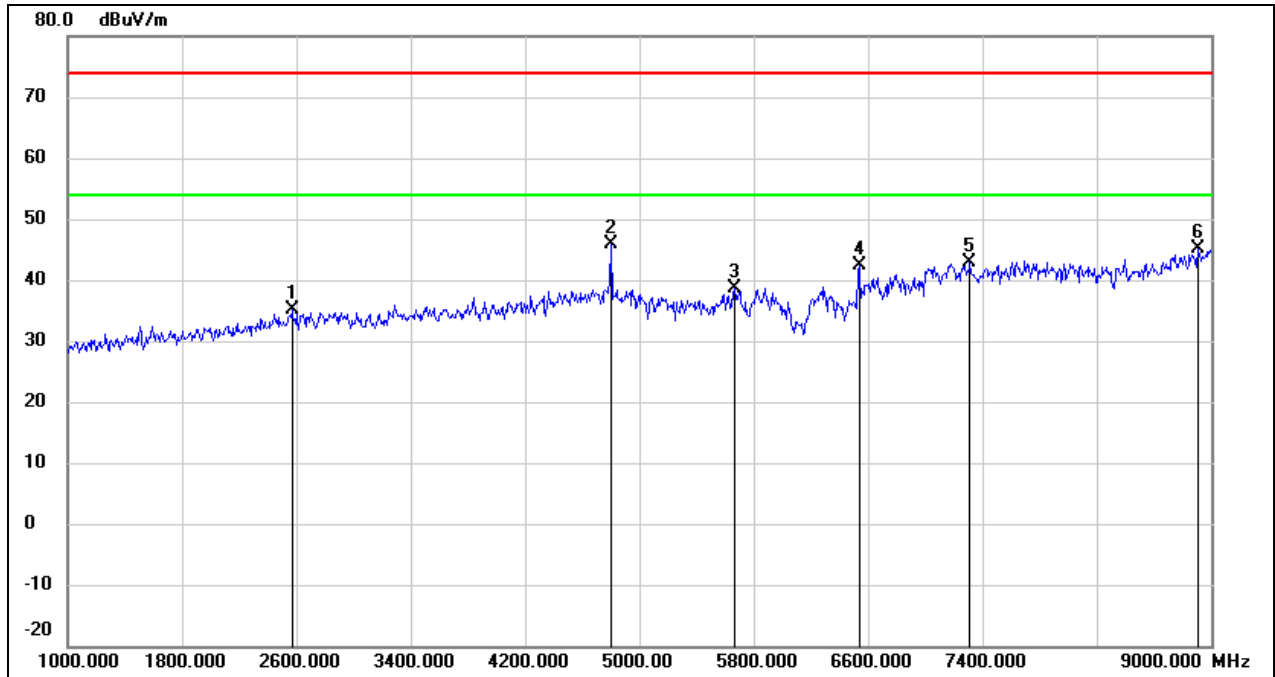
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.000	48.57	-11.75	36.82	74.00	-37.18	peak
2	2560.000	44.61	-8.31	36.30	74.00	-37.70	peak
3	4616.000	40.94	-1.68	39.26	74.00	-34.74	peak
4	6656.000	37.27	4.49	41.76	74.00	-32.24	peak
5	7024.000	36.70	6.18	42.88	74.00	-31.12	peak
6	7648.000	37.90	5.68	43.58	74.00	-30.42	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6515
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



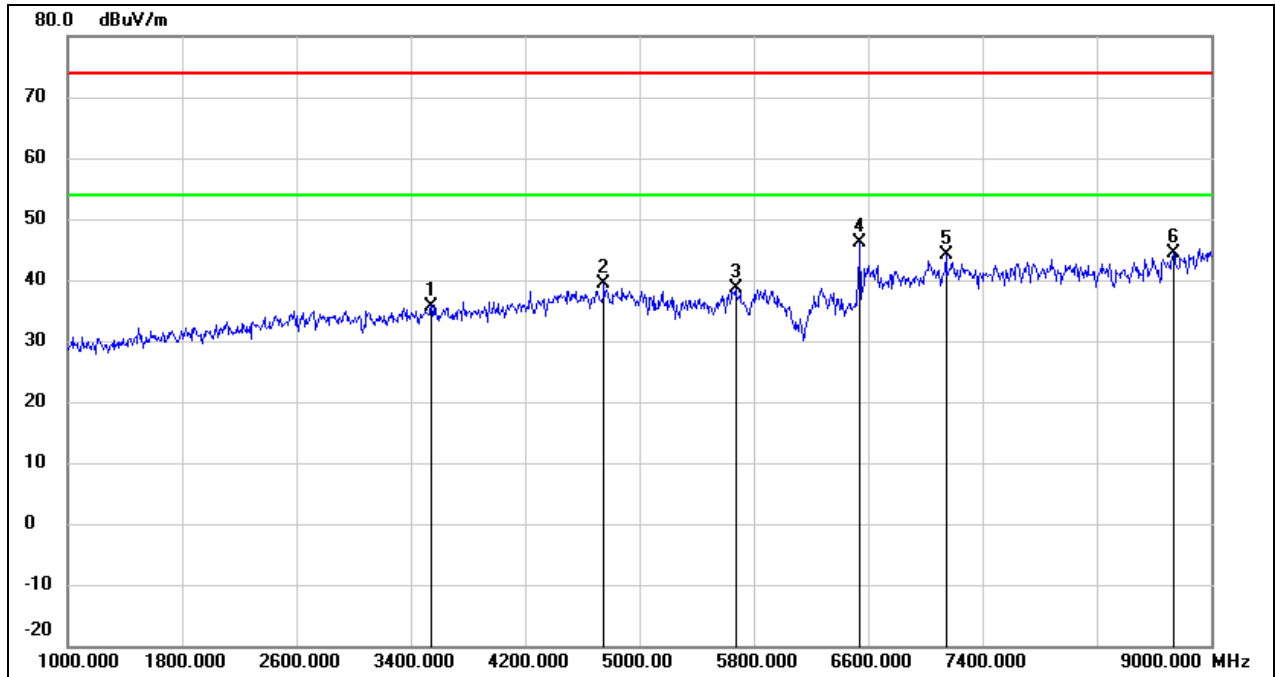
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4040.000	42.23	-4.29	37.94	74.00	-36.06	peak
2	4824.000	40.03	-0.85	39.18	74.00	-34.82	peak
3	6664.000	39.02	4.54	43.56	74.00	-30.44	peak
4	7184.000	37.26	6.01	43.27	74.00	-30.73	peak
5	7720.000	37.89	5.67	43.56	74.00	-30.44	peak
6	8736.000	37.14	7.88	45.02	74.00	-28.98	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6535
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



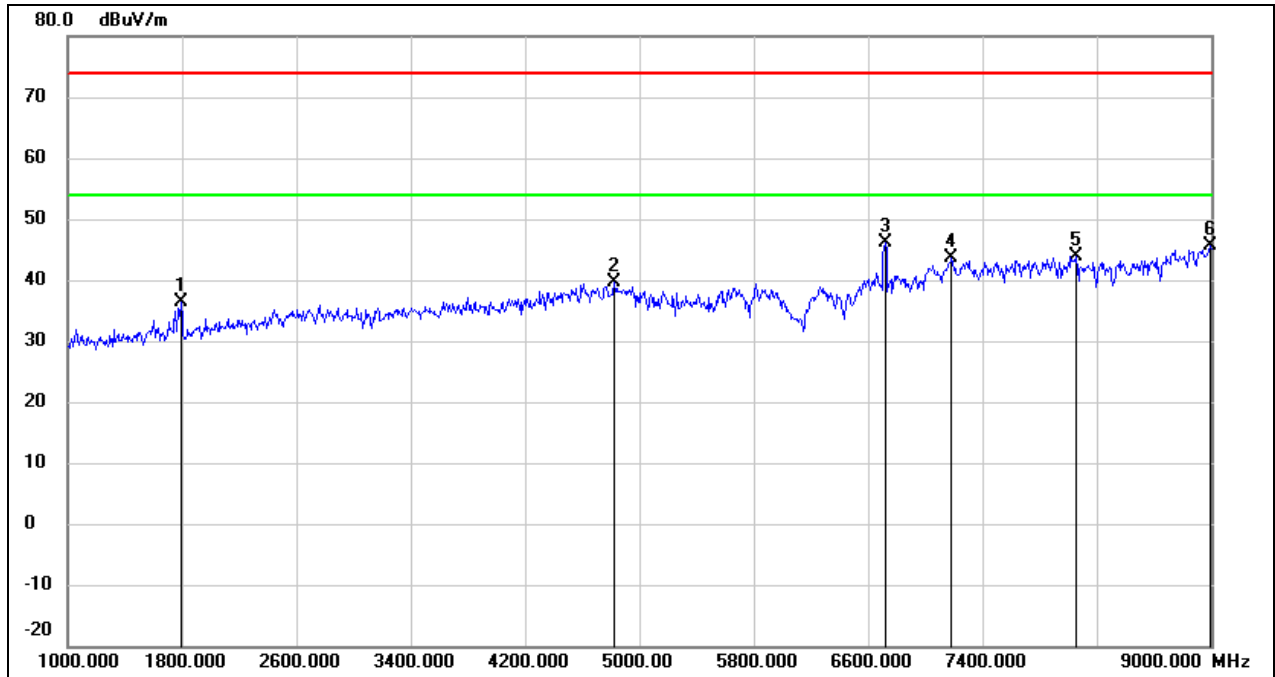
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2568.000	43.49	-8.28	35.21	74.00	-38.79	peak
2	4800.000	46.88	-0.95	45.93	74.00	-28.07	peak
3	5664.000	37.83	0.89	38.72	74.00	-35.28	peak
4	6536.000	38.42	3.89	42.31	74.00	-31.69	peak
5	7312.000	36.97	5.88	42.85	74.00	-31.15	peak
6	8904.000	36.19	9.06	45.25	74.00	-28.75	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6535
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



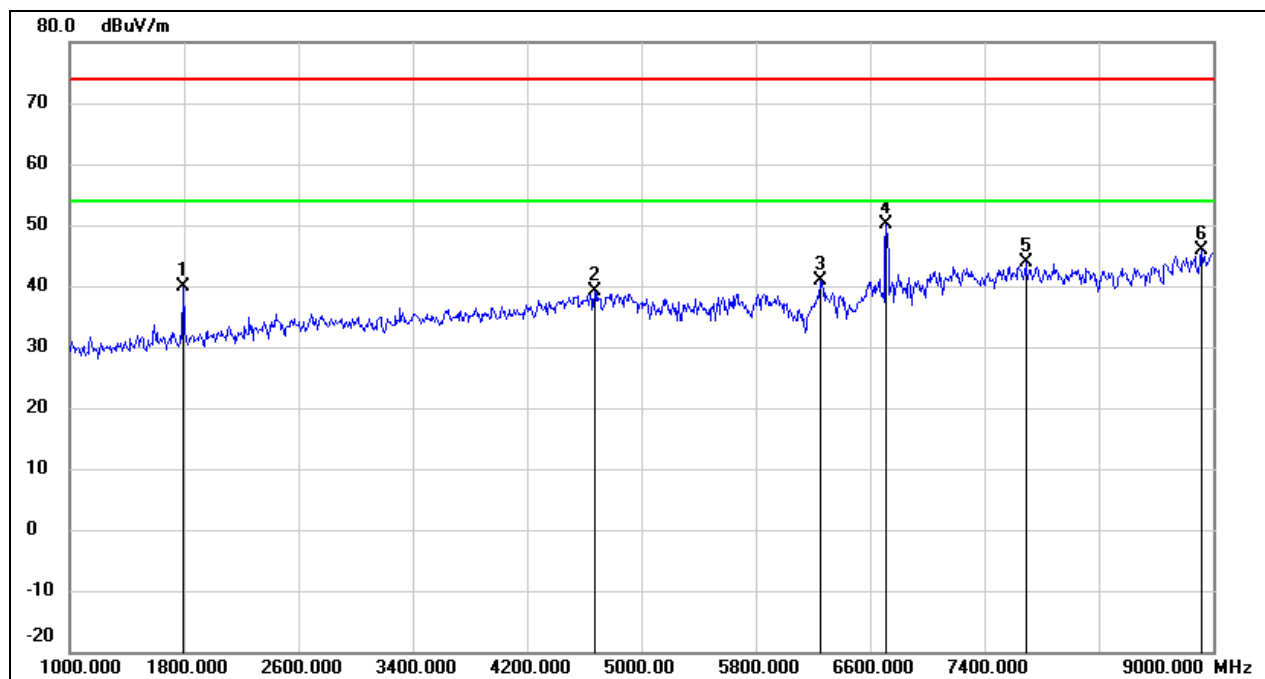
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3544.000	41.48	-5.73	35.75	74.00	-38.25	peak
2	4752.000	40.41	-1.14	39.27	74.00	-34.73	peak
3	5672.000	37.75	0.91	38.66	74.00	-35.34	peak
4	6544.000	42.18	3.94	46.12	74.00	-27.88	peak
5	7144.000	38.04	6.05	44.09	74.00	-29.91	peak
6	8736.000	36.41	7.88	44.29	74.00	-29.71	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6715
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



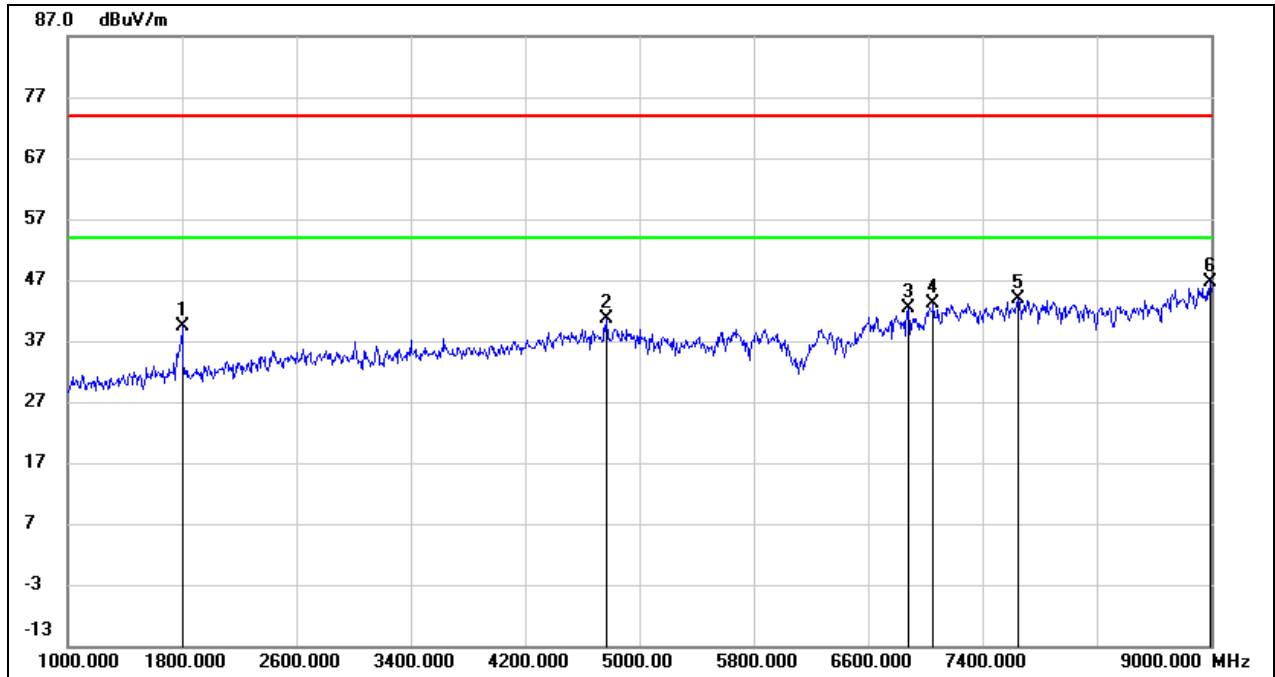
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.000	48.24	-11.75	36.49	74.00	-37.51	peak
2	4824.000	40.55	-0.85	39.70	74.00	-34.30	peak
3	6720.000	41.41	4.81	46.22	74.00	-27.78	peak
4	7184.000	37.72	6.01	43.73	74.00	-30.27	peak
5	8056.000	38.16	5.72	43.88	74.00	-30.12	peak
6	8992.000	35.84	9.68	45.52	74.00	-28.48	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6715
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



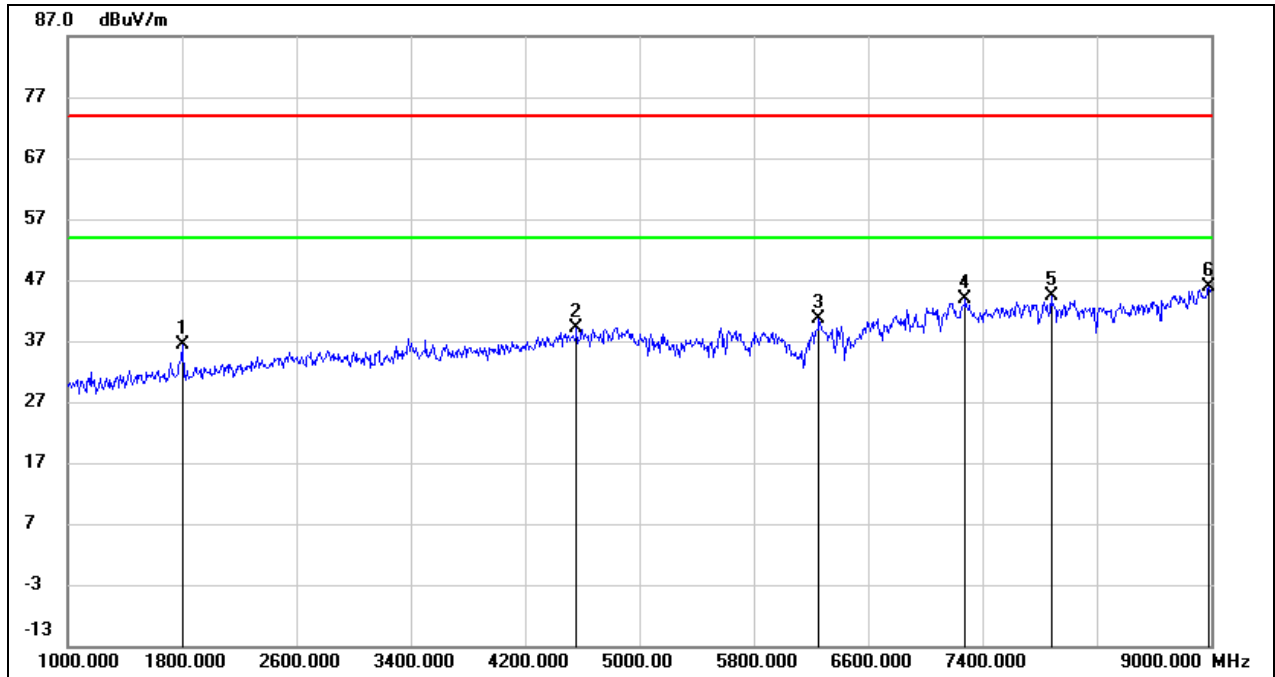
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.000	51.54	-11.75	39.79	74.00	-34.21	peak
2	4672.000	40.58	-1.46	39.12	74.00	-34.88	peak
3	6256.000	38.13	2.80	40.93	74.00	-33.07	peak
4	6712.000	45.36	4.77	50.13	74.00	-23.87	peak
5	7688.000	38.30	5.67	43.97	74.00	-30.03	peak
6	8920.000	36.60	9.17	45.77	74.00	-28.23	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6875
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	51.01	-11.72	39.29	74.00	-34.71	peak
2	4768.000	41.59	-1.07	40.52	74.00	-33.48	peak
3	6880.000	36.71	5.60	42.31	74.00	-31.69	peak
4	7056.000	37.03	6.14	43.17	74.00	-30.83	peak
5	7648.000	38.31	5.68	43.99	74.00	-30.01	peak
6	8992.000	37.01	9.68	46.69	74.00	-27.31	peak

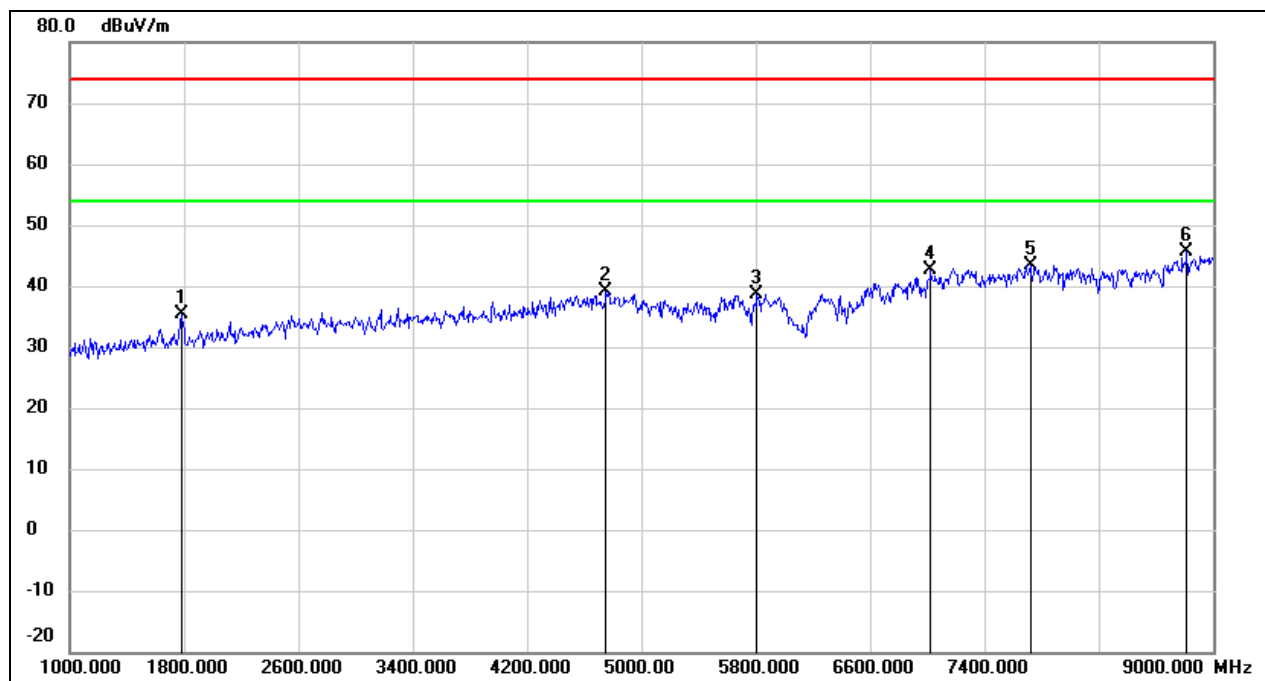
Test Mode:	802.11be EHT20	Frequency(MHz):	6875
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	48.00	-11.72	36.28	74.00	-37.72	peak
2	4560.000	41.10	-1.91	39.19	74.00	-34.81	peak
3	6256.000	37.72	2.80	40.52	74.00	-33.48	peak
4	7280.000	37.93	5.92	43.85	74.00	-30.15	peak
5	7880.000	38.74	5.66	44.40	74.00	-29.60	peak
6	8984.000	36.16	9.62	45.78	74.00	-28.22	peak

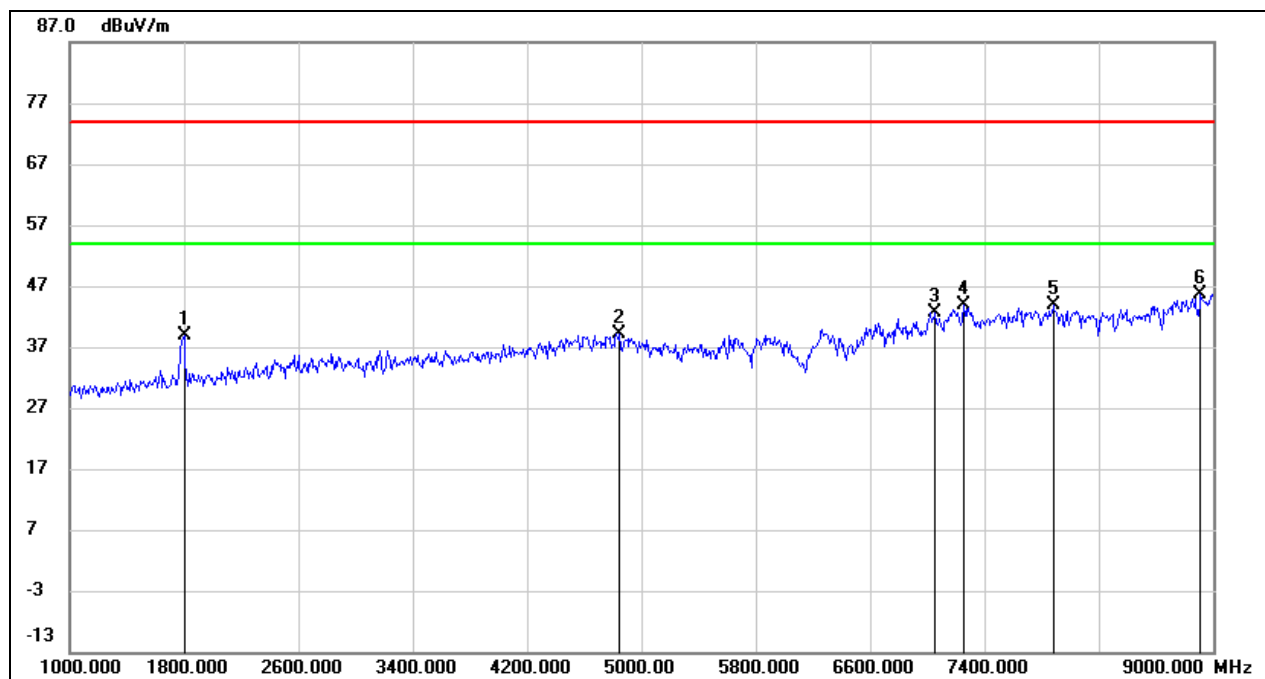


Test Mode:	802.11be EHT20	Frequency(MHz):	6895
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



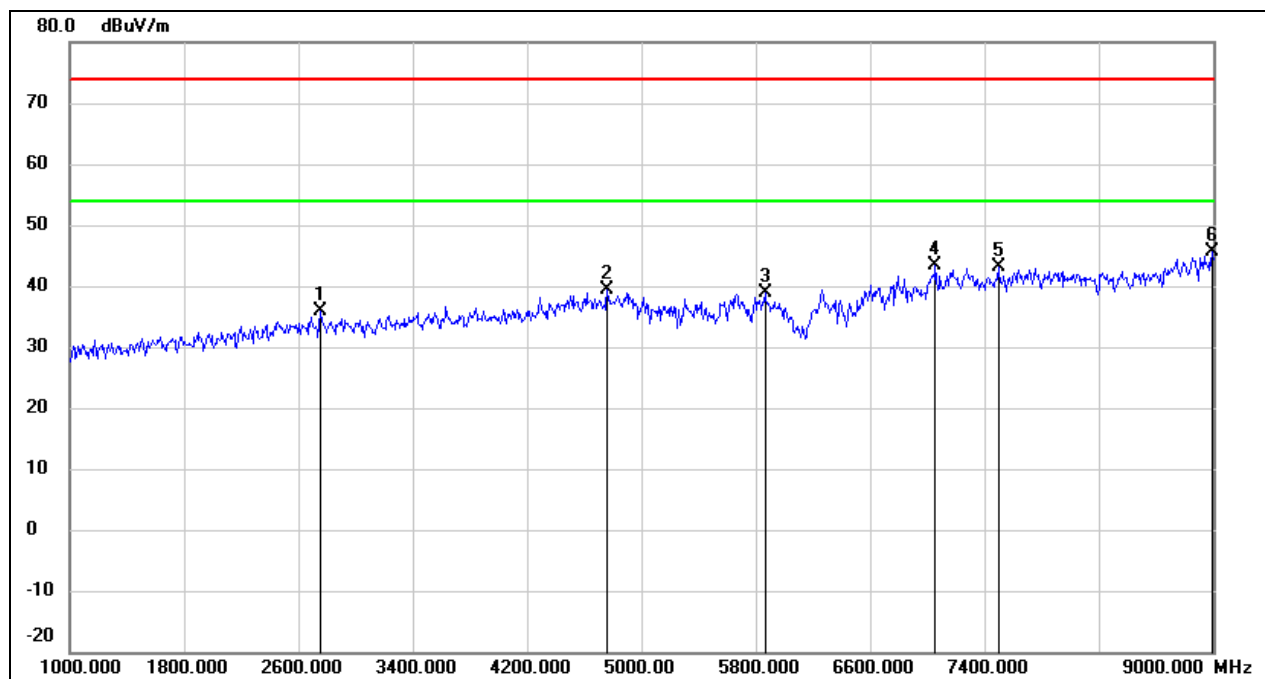
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1784.000	47.11	-11.77	35.34	74.00	-38.66	peak
2	4752.000	40.18	-1.14	39.04	74.00	-34.96	peak
3	5808.000	37.43	1.30	38.73	74.00	-35.27	peak
4	7024.000	36.41	6.18	42.59	74.00	-31.41	peak
5	7720.000	37.75	5.67	43.42	74.00	-30.58	peak
6	8816.000	37.20	8.45	45.65	74.00	-28.35	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6895
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



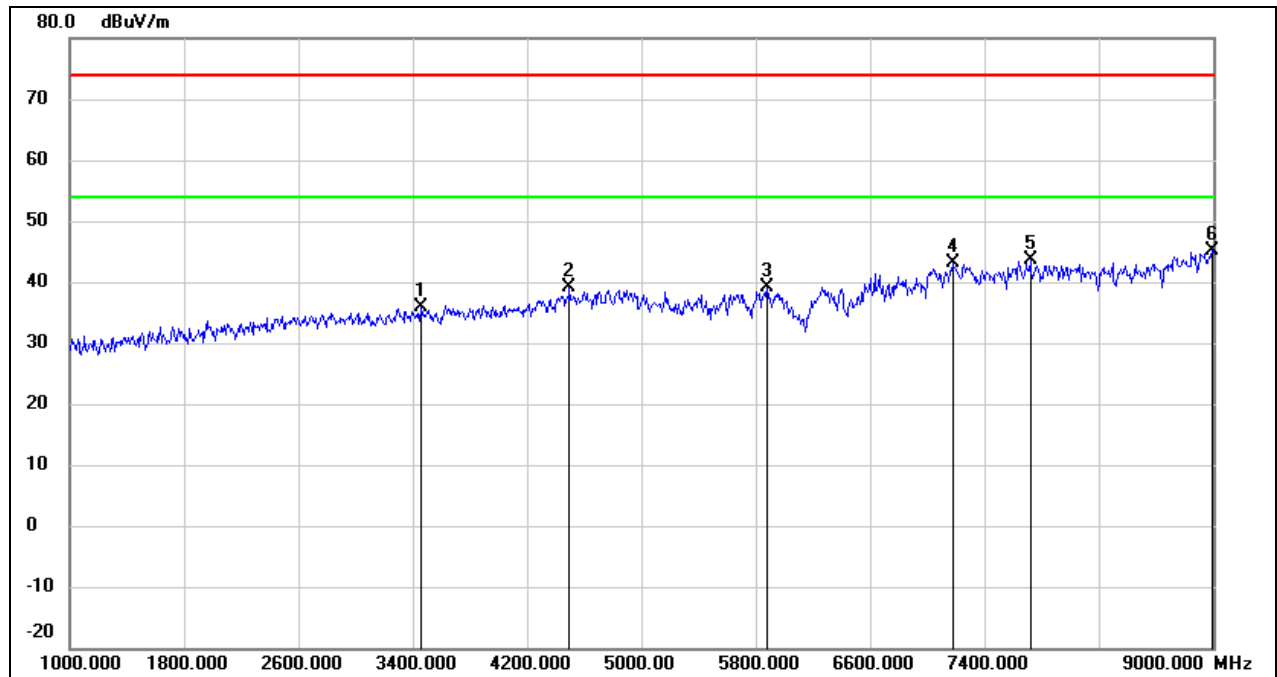
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1800.000	50.67	-11.72	38.95	74.00	-35.05	peak
2	4848.000	39.98	-0.76	39.22	74.00	-34.78	peak
3	7056.000	36.42	6.14	42.56	74.00	-31.44	peak
4	7256.000	37.92	5.94	43.86	74.00	-30.14	peak
5	7880.000	38.22	5.66	43.88	74.00	-30.12	peak
6	8912.000	36.62	9.11	45.73	74.00	-28.27	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7015
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



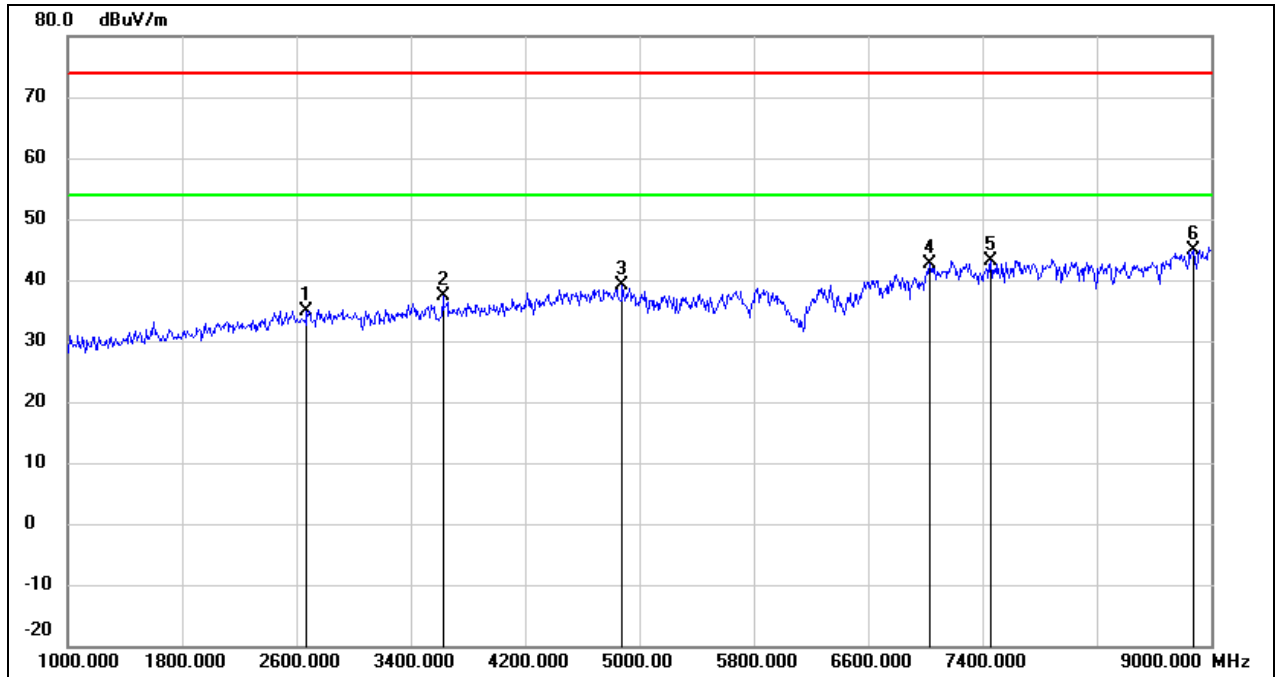
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2752.000	43.52	-7.73	35.79	74.00	-38.21	peak
2	4760.000	40.45	-1.11	39.34	74.00	-34.66	peak
3	5864.000	37.46	1.46	38.92	74.00	-35.08	peak
4	7056.000	37.30	6.14	43.44	74.00	-30.56	peak
5	7496.000	37.39	5.70	43.09	74.00	-30.91	peak
6	8992.000	35.89	9.68	45.57	74.00	-28.43	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



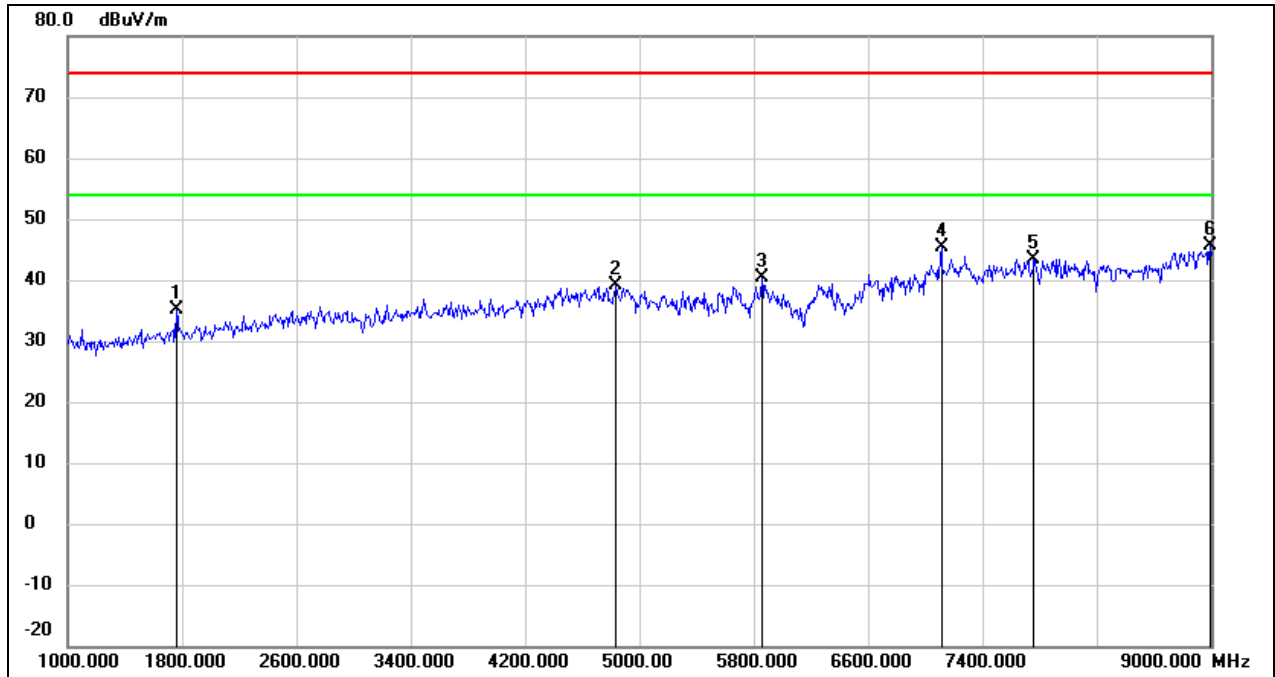
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3456.000	41.72	-5.95	35.77	74.00	-38.23	peak
2	4496.000	41.23	-2.16	39.07	74.00	-34.93	peak
3	5880.000	37.52	1.51	39.03	74.00	-34.97	peak
4	7176.000	37.11	6.02	43.13	74.00	-30.87	peak
5	7720.000	37.85	5.67	43.52	74.00	-30.48	peak
6	8992.000	35.57	9.68	45.25	74.00	-28.75	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2672.000	42.88	-7.97	34.91	74.00	-39.09	peak
2	3624.000	42.85	-5.51	37.34	74.00	-36.66	peak
3	4880.000	39.70	-0.63	39.07	74.00	-34.93	peak
4	7032.000	36.49	6.17	42.66	74.00	-31.34	peak
5	7456.000	37.50	5.73	43.23	74.00	-30.77	peak
6	8880.000	35.98	8.90	44.88	74.00	-29.12	peak

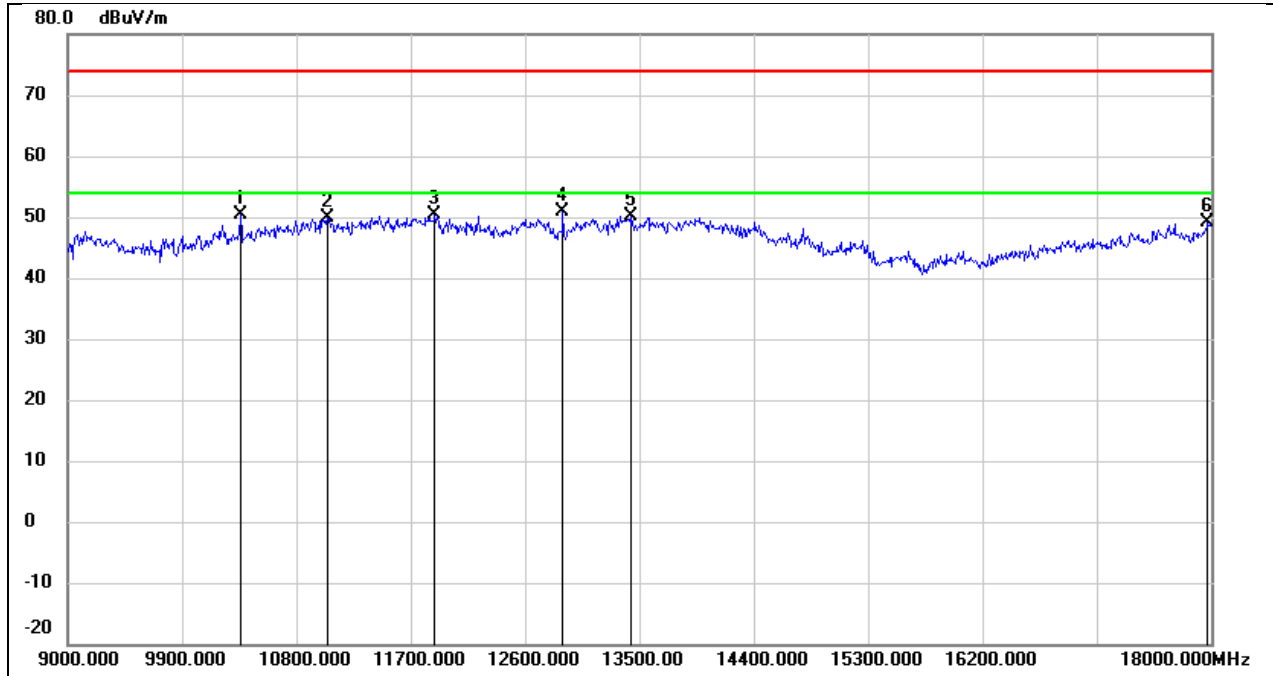
Test Mode:	802.11be EHT20	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	47.05	-11.86	35.19	74.00	-38.81	peak
2	4832.000	39.86	-0.83	39.03	74.00	-34.97	peak
3	5856.000	39.00	1.45	40.45	74.00	-33.55	peak
4	7112.000	39.35	6.08	45.43	74.00	-28.57	peak
5	7760.000	37.75	5.67	43.42	74.00	-30.58	peak
6	8992.000	36.03	9.68	45.71	74.00	-28.29	peak

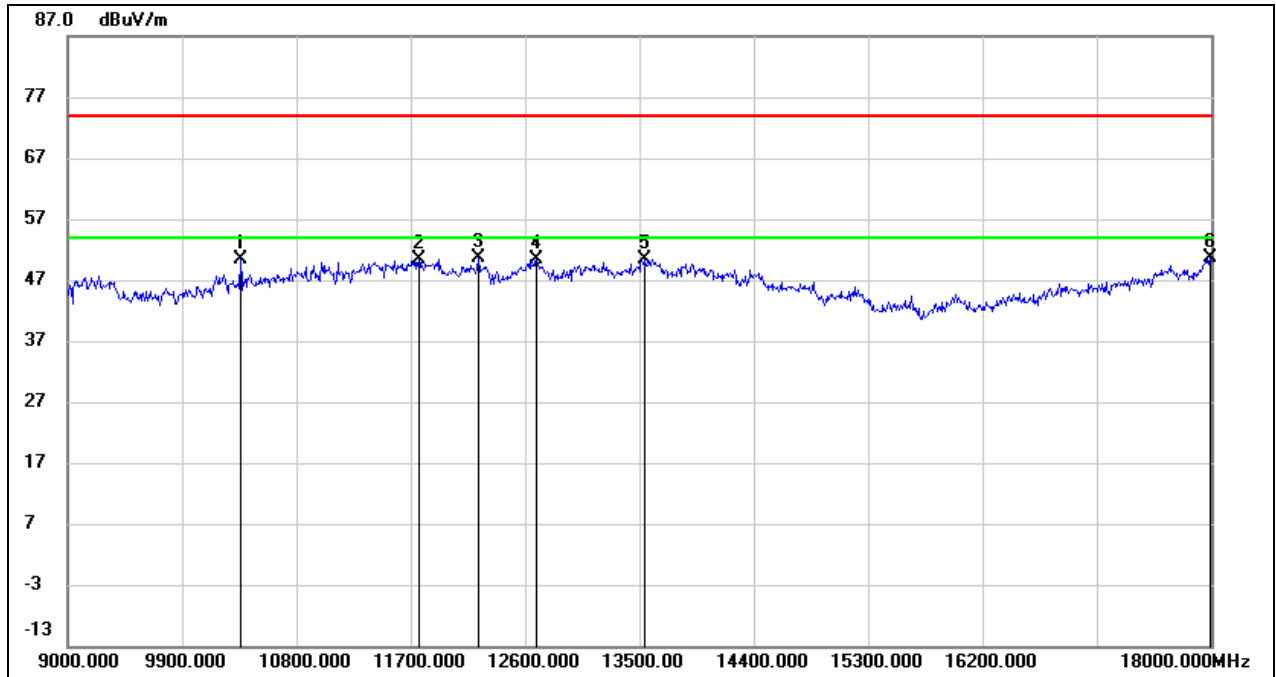
### 8.3. SPURIOUS EMISSIONS (9 GHZ ~ 18 GHZ)

Test Mode:	802.11be EHT20	Frequency(MHz):	6115
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.54	12.83	50.37	74.00	-23.63	peak
2	11043.000	35.05	14.90	49.95	74.00	-24.05	peak
3	11889.000	32.73	17.60	50.33	74.00	-23.67	peak
4	12897.000	32.20	18.61	50.81	74.00	-23.19	peak
5	13428.000	29.64	20.53	50.17	74.00	-23.83	peak
6	17973.000	24.11	24.99	49.10	74.00	-24.90	peak

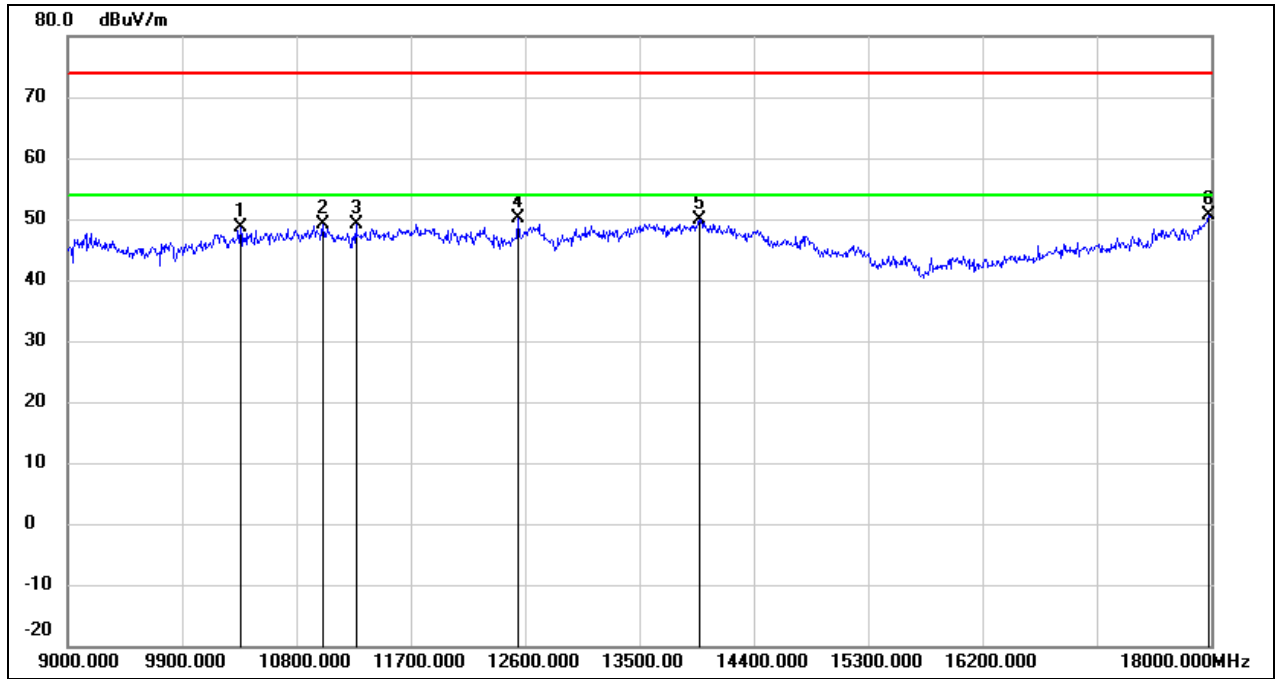
Test Mode:	802.11be EHT20	Frequency(MHz):	6115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.52	12.83	50.35	74.00	-23.65	peak
2	11763.000	33.10	17.26	50.36	74.00	-23.64	peak
3	12231.000	32.97	17.73	50.70	74.00	-23.30	peak
4	12690.000	32.40	18.05	50.45	74.00	-23.55	peak
5	13545.000	29.57	20.90	50.47	74.00	-23.53	peak
6	17991.000	25.54	25.11	50.65	74.00	-23.35	peak

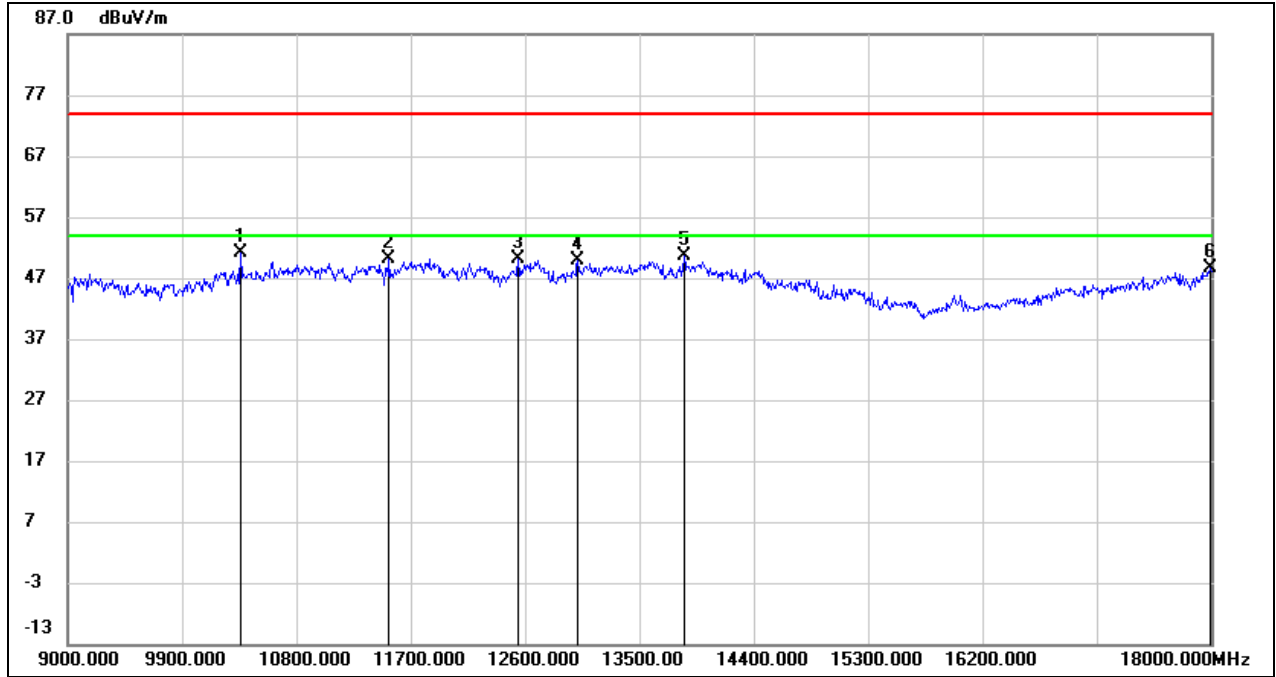


Test Mode:	802.11be EHT20	Frequency(MHz):	6275
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



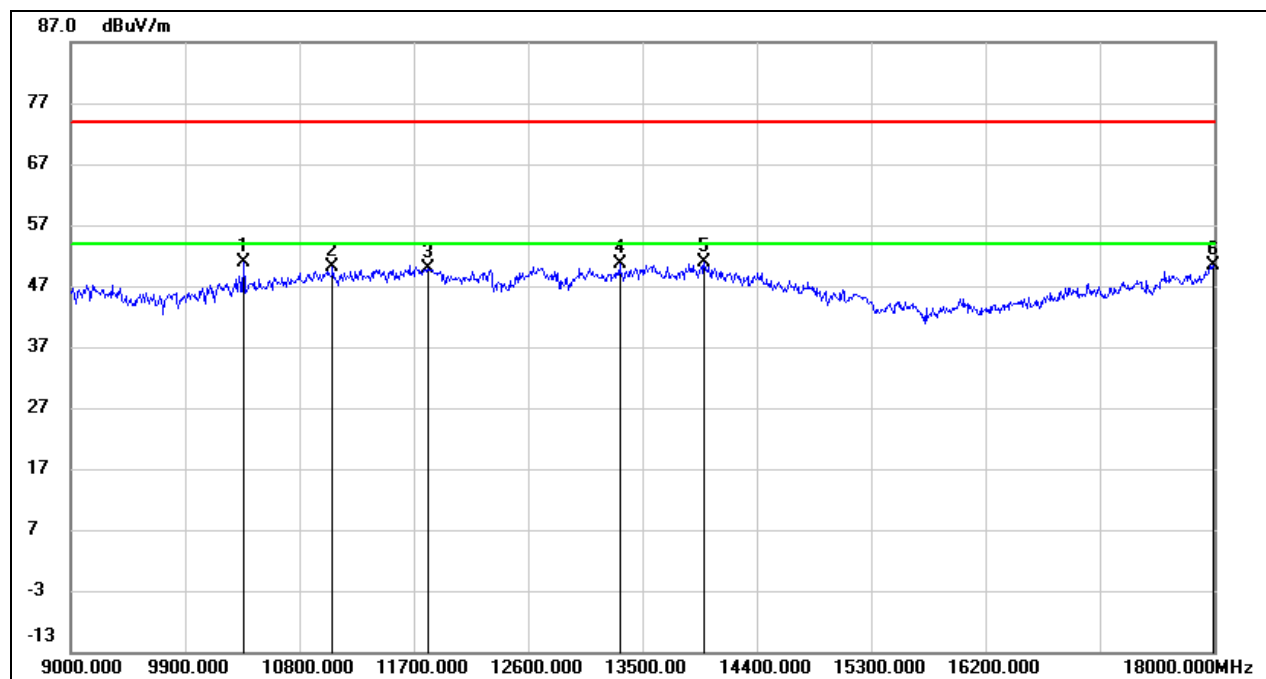
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.71	12.83	48.54	74.00	-25.46	peak
2	11007.000	34.25	14.77	49.02	74.00	-24.98	peak
3	11268.000	33.37	15.71	49.08	74.00	-24.92	peak
4	12546.000	32.44	17.66	50.10	74.00	-23.90	peak
5	13968.000	28.13	21.81	49.94	74.00	-24.06	peak
6	17982.000	25.68	25.04	50.72	74.00	-23.28	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6275
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



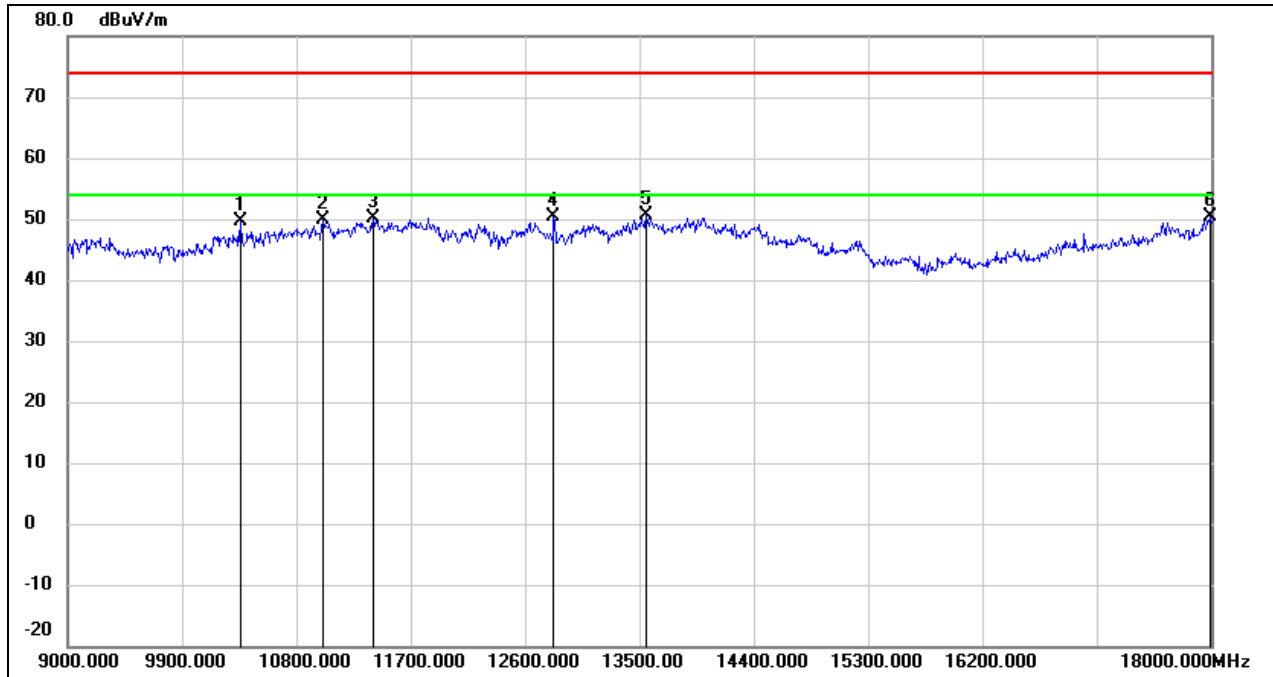
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	38.28	12.83	51.11	74.00	-22.89	peak
2	11529.000	33.60	16.61	50.21	74.00	-23.79	peak
3	12546.000	32.47	17.66	50.13	74.00	-23.87	peak
4	13014.000	30.86	18.94	49.80	74.00	-24.20	peak
5	13851.000	29.01	21.56	50.57	74.00	-23.43	peak
6	17991.000	23.44	25.11	48.55	74.00	-25.45	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6415
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



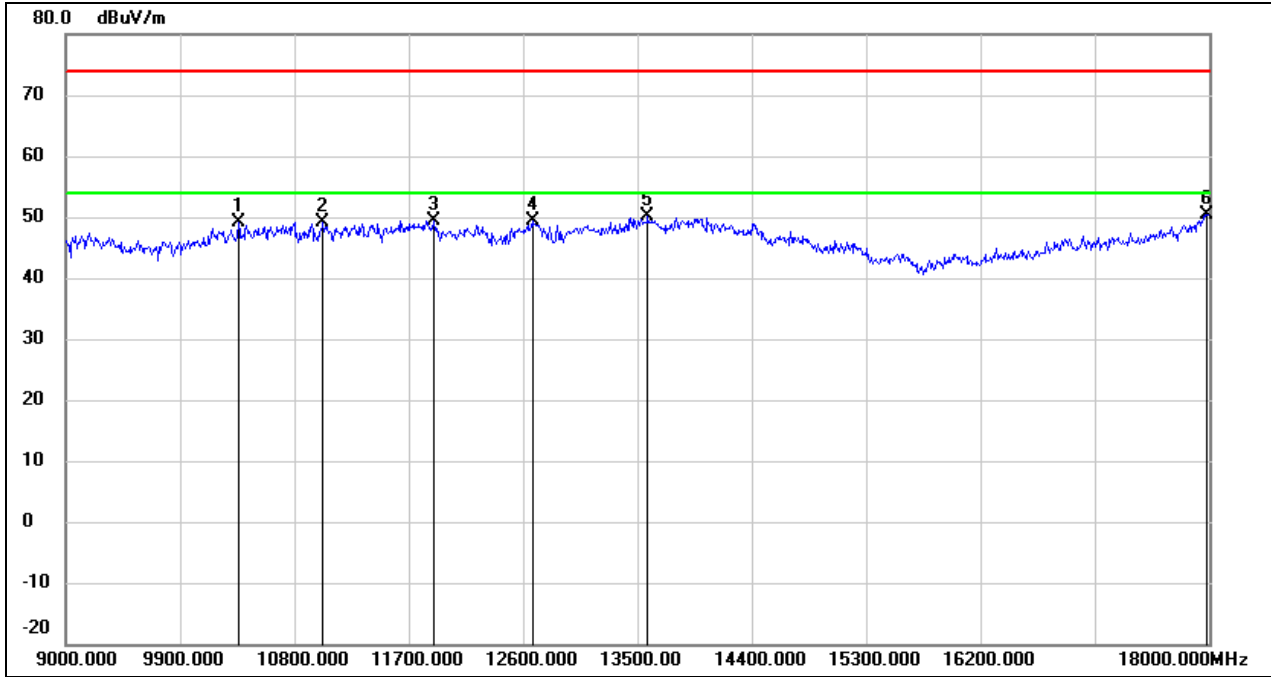
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.96	12.83	50.79	74.00	-23.21	peak
2	11061.000	35.15	14.96	50.11	74.00	-23.89	peak
3	11808.000	32.57	17.38	49.95	74.00	-24.05	peak
4	13320.000	30.61	20.11	50.72	74.00	-23.28	peak
5	13986.000	29.10	21.85	50.95	74.00	-23.05	peak
6	17991.000	25.30	25.11	50.41	74.00	-23.59	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6415
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



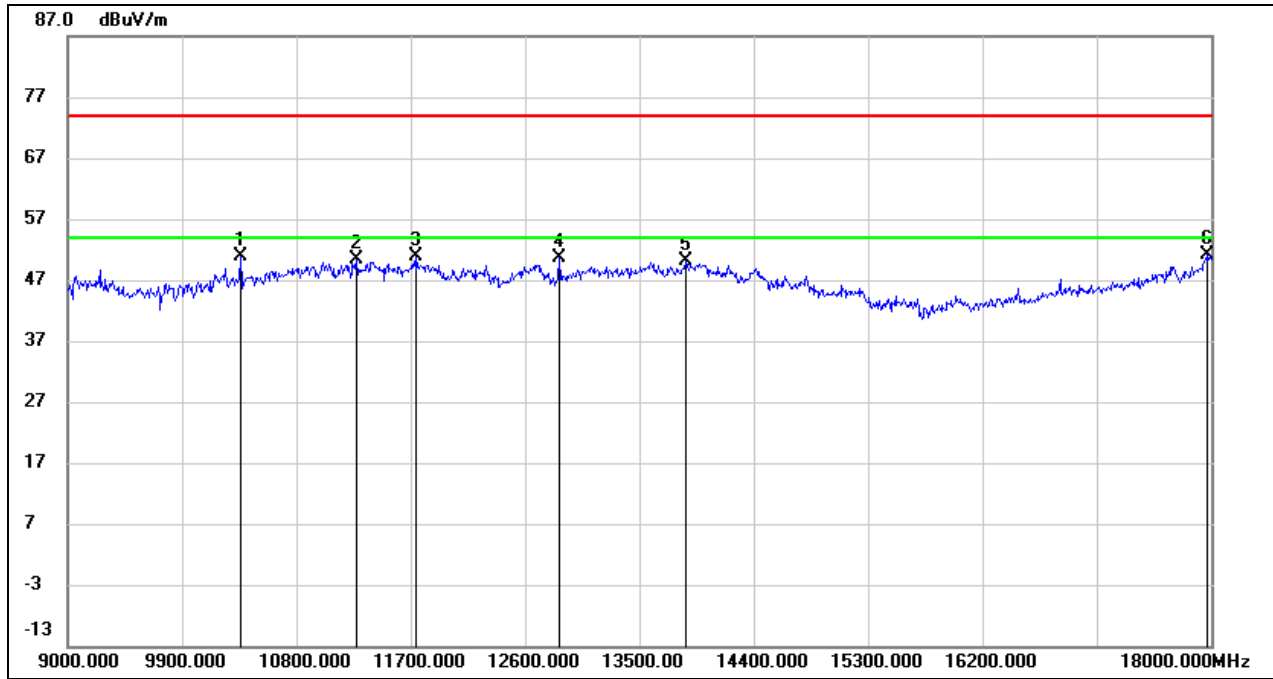
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.80	12.83	49.63	74.00	-24.37	peak
2	11007.000	34.99	14.77	49.76	74.00	-24.24	peak
3	11403.000	33.83	16.19	50.02	74.00	-23.98	peak
4	12825.000	32.09	18.41	50.50	74.00	-23.50	peak
5	13554.000	29.61	20.92	50.53	74.00	-23.47	peak
6	17991.000	25.34	25.11	50.45	74.00	-23.55	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6435
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



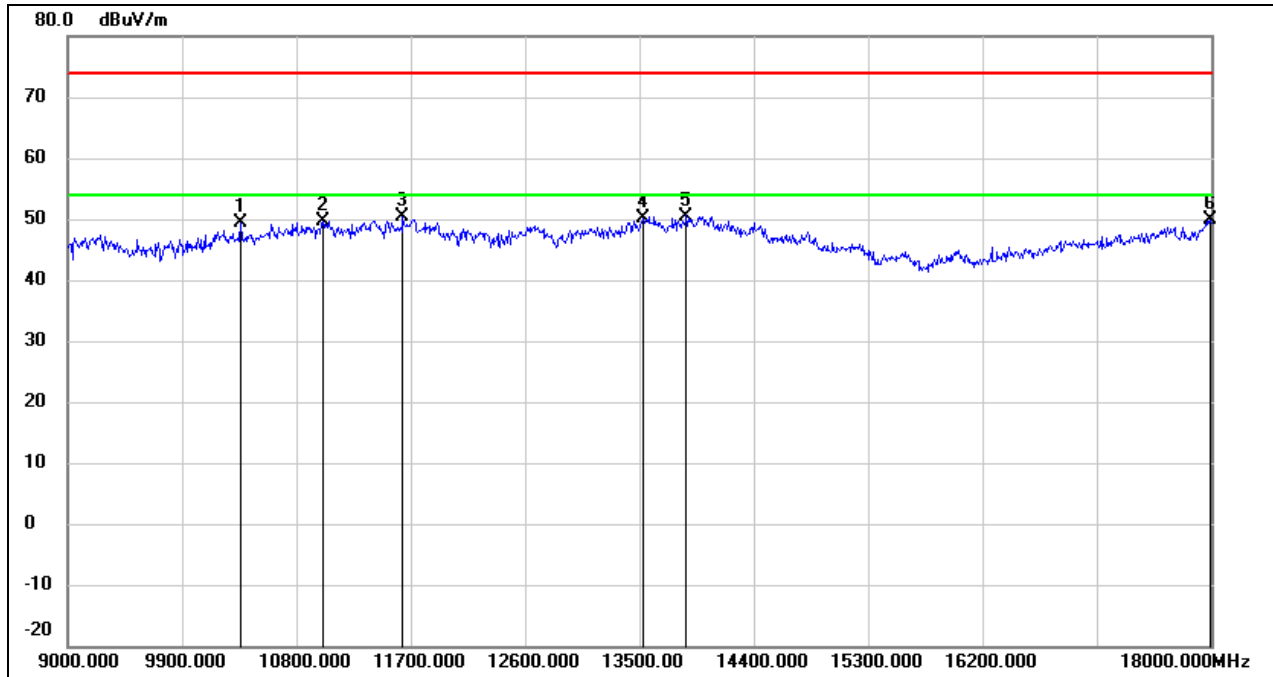
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.39	12.83	49.22	74.00	-24.78	peak
2	11025.000	34.20	14.83	49.03	74.00	-24.97	peak
3	11898.000	31.79	17.63	49.42	74.00	-24.58	peak
4	12672.000	31.34	18.00	49.34	74.00	-24.66	peak
5	13581.000	29.10	20.99	50.09	74.00	-23.91	peak
6	17982.000	25.46	25.04	50.50	74.00	-23.50	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6435
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



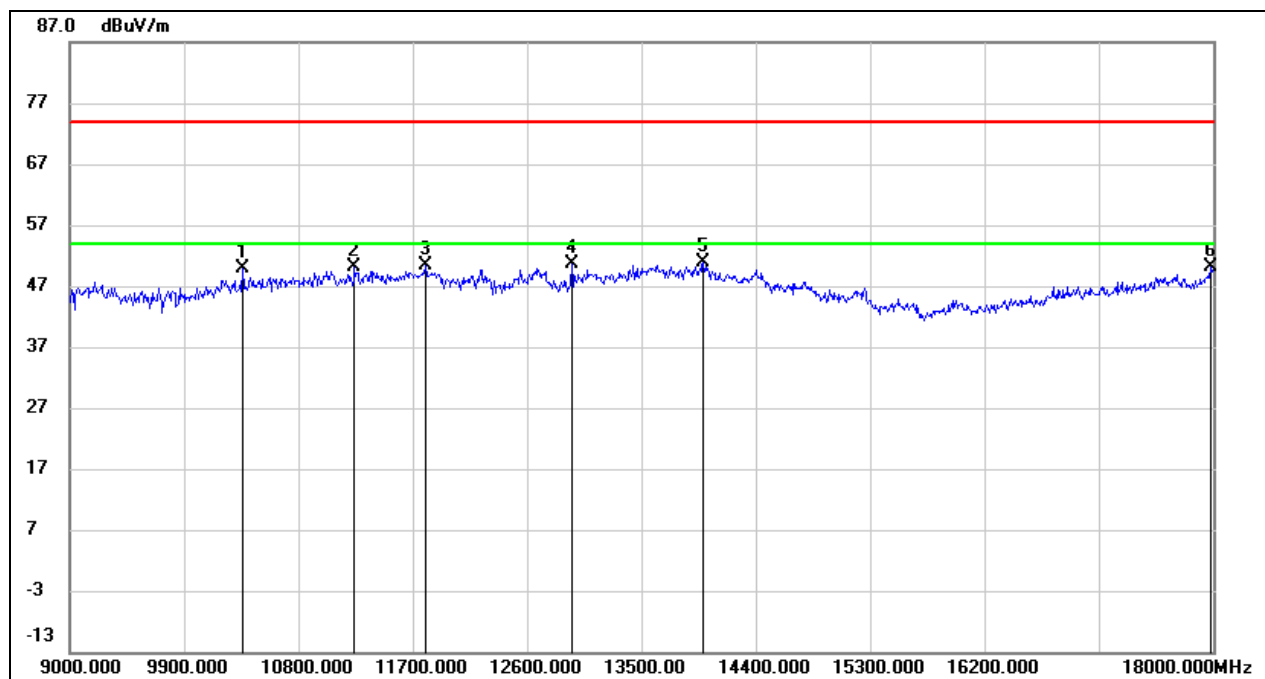
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	38.03	12.83	50.86	74.00	-23.14	peak
2	11268.000	34.55	15.71	50.26	74.00	-23.74	peak
3	11745.000	33.74	17.21	50.95	74.00	-23.05	peak
4	12870.000	32.04	18.53	50.57	74.00	-23.43	peak
5	13860.000	28.44	21.59	50.03	74.00	-23.97	peak
6	17973.000	26.06	24.99	51.05	74.00	-22.95	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6475
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.58	12.83	49.41	74.00	-24.59	peak
2	11007.000	34.95	14.77	49.72	74.00	-24.28	peak
3	11637.000	33.42	16.91	50.33	74.00	-23.67	peak
4	13527.000	29.24	20.87	50.11	74.00	-23.89	peak
5	13869.000	28.91	21.59	50.50	74.00	-23.50	peak
6	17991.000	24.74	25.11	49.85	74.00	-24.15	peak

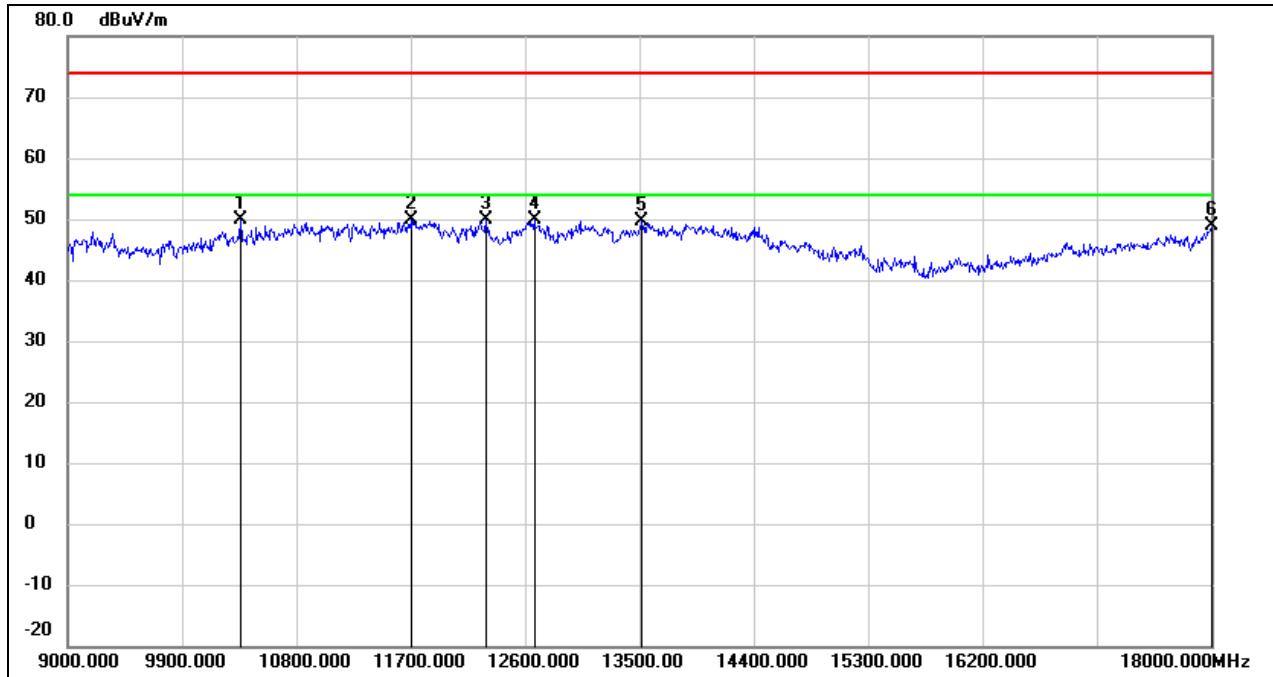
Test Mode:	802.11be EHT20	Frequency(MHz):	6475
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.15	12.83	49.98	74.00	-24.02	peak
2	11241.000	34.55	15.61	50.16	74.00	-23.84	peak
3	11799.000	33.03	17.36	50.39	74.00	-23.61	peak
4	12951.000	31.97	18.75	50.72	74.00	-23.28	peak
5	13986.000	28.95	21.85	50.80	74.00	-23.20	peak
6	17982.000	25.05	25.04	50.09	74.00	-23.91	peak

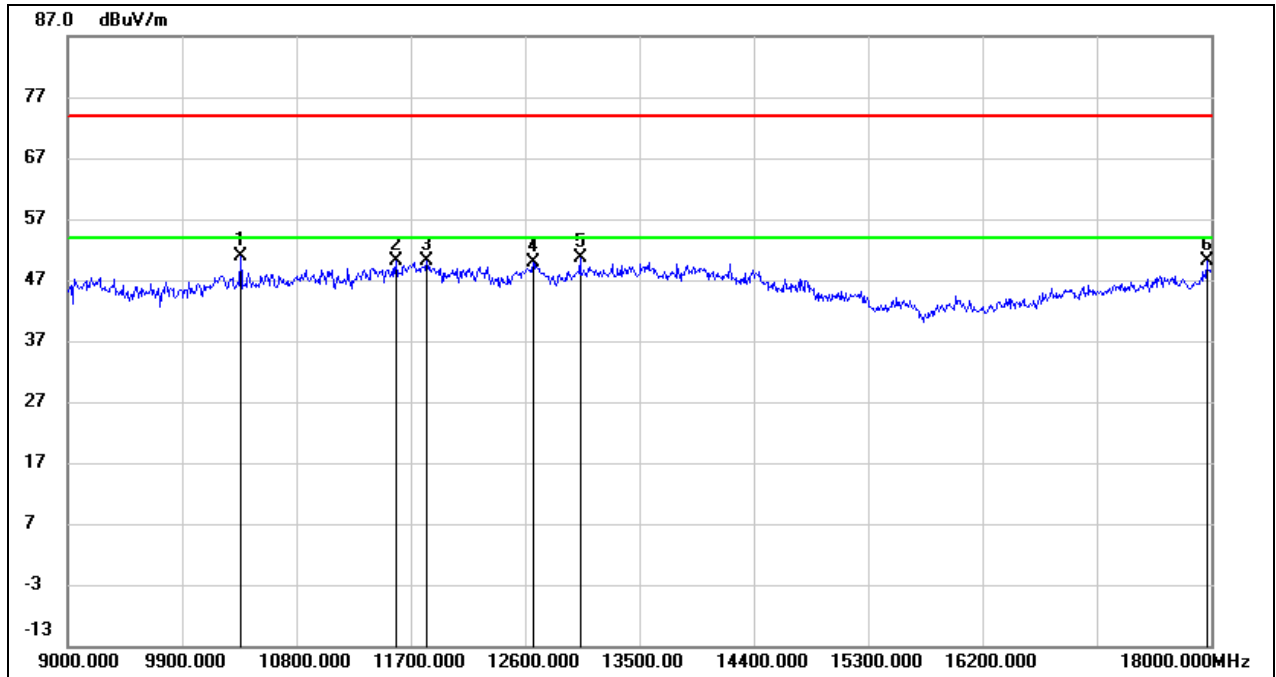


Test Mode:	802.11be EHT20	Frequency(MHz):	6515
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



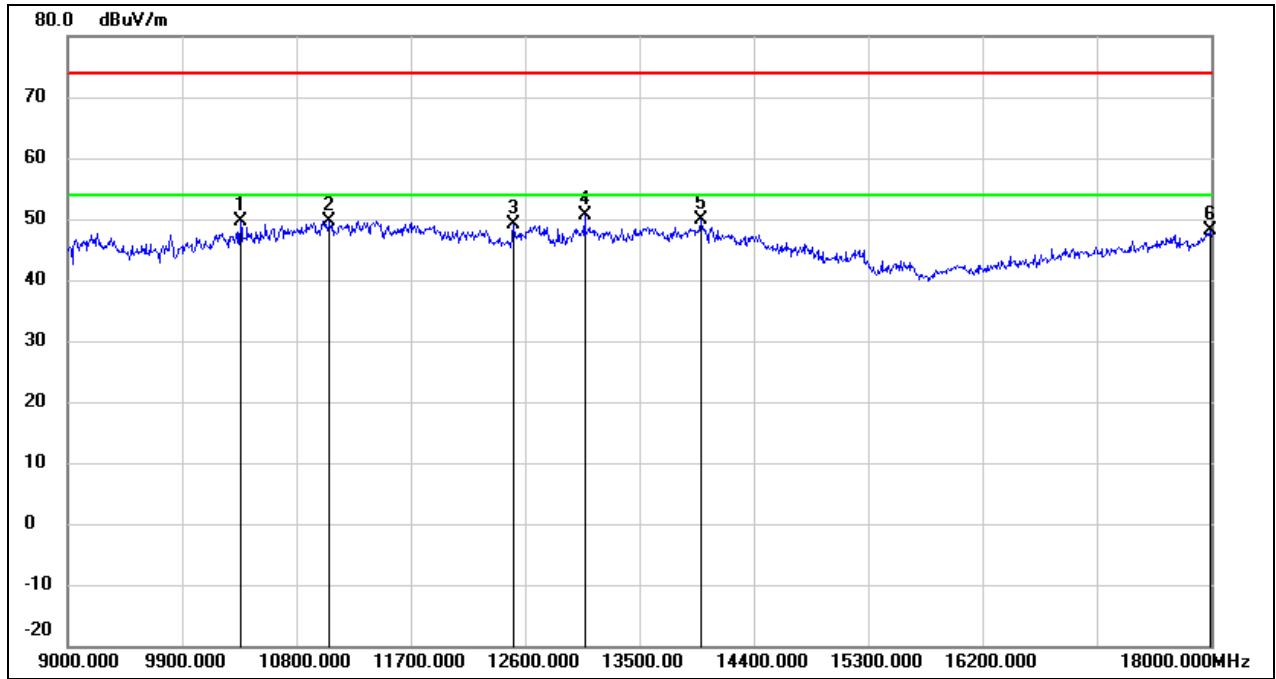
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.11	12.83	49.94	74.00	-24.06	peak
2	11700.000	32.88	17.08	49.96	74.00	-24.04	peak
3	12294.000	32.11	17.68	49.79	74.00	-24.21	peak
4	12672.000	31.86	18.00	49.86	74.00	-24.14	peak
5	13518.000	28.87	20.85	49.72	74.00	-24.28	peak
6	18000.000	23.71	25.16	48.87	74.00	-25.13	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6515
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



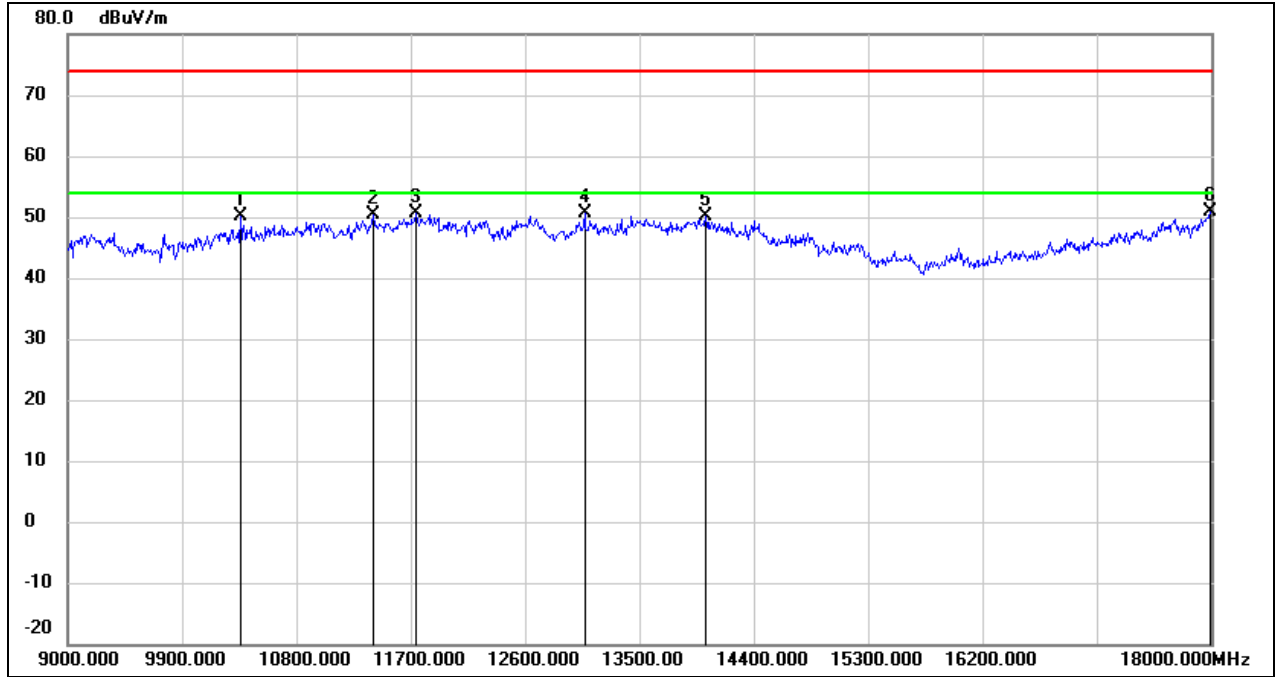
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.93	12.83	50.76	74.00	-23.24	peak
2	11583.000	33.28	16.76	50.04	74.00	-23.96	peak
3	11826.000	32.59	17.42	50.01	74.00	-23.99	peak
4	12663.000	31.86	17.98	49.84	74.00	-24.16	peak
5	13032.000	31.52	19.02	50.54	74.00	-23.46	peak
6	17964.000	25.13	24.92	50.05	74.00	-23.95	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6535
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



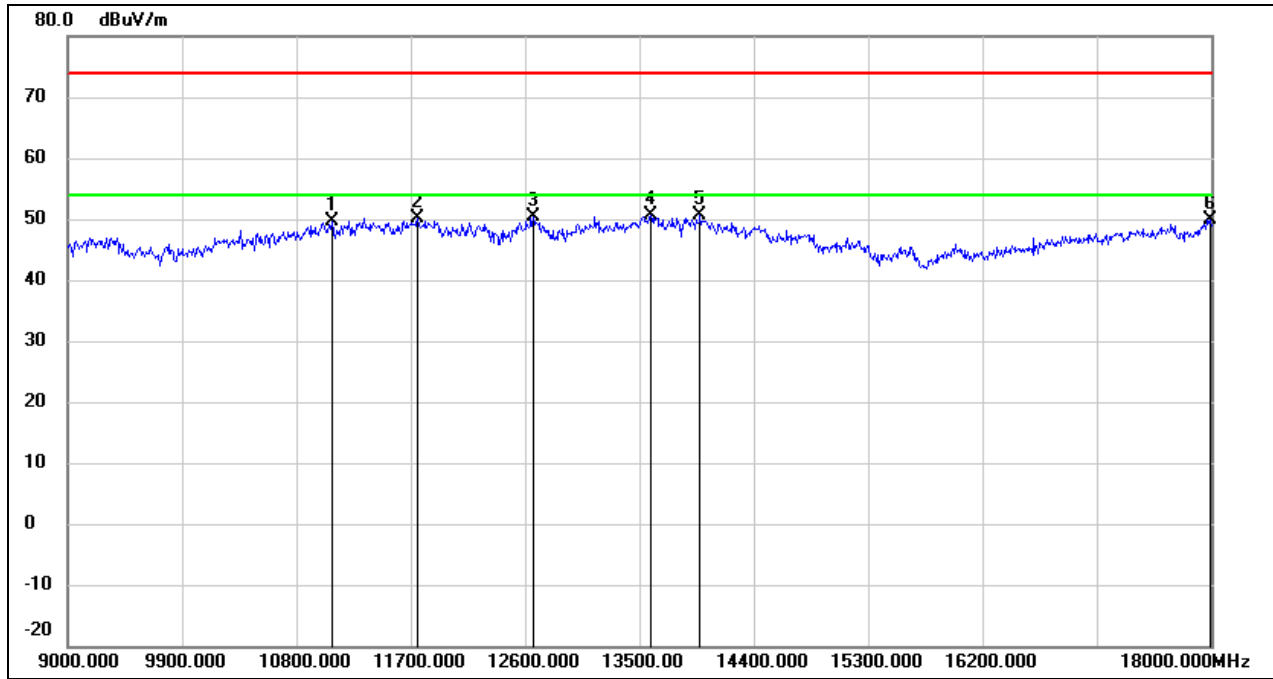
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.89	12.83	49.72	74.00	-24.28	peak
2	11061.000	34.59	14.96	49.55	74.00	-24.45	peak
3	12510.000	31.63	17.56	49.19	74.00	-24.81	peak
4	13068.000	31.51	19.15	50.66	74.00	-23.34	peak
5	13986.000	27.93	21.85	49.78	74.00	-24.22	peak
6	17991.000	23.05	25.11	48.16	74.00	-25.84	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6535
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



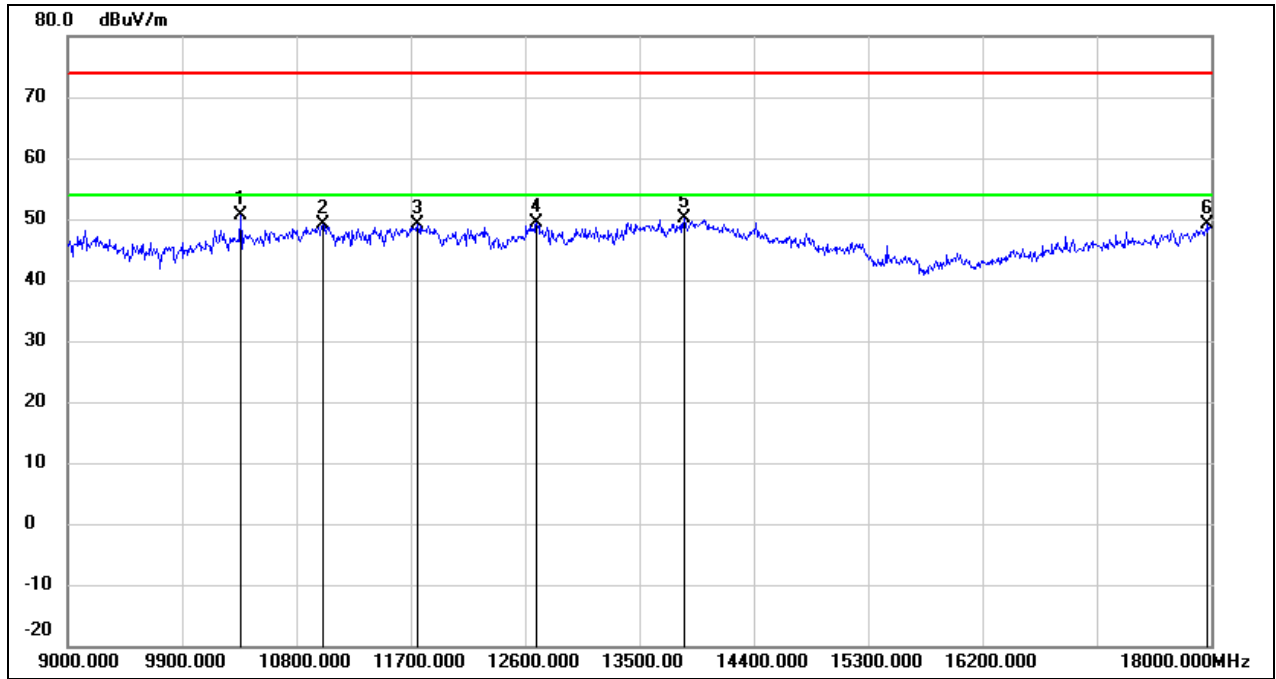
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.37	12.83	50.20	74.00	-23.80	peak
2	11403.000	34.07	16.19	50.26	74.00	-23.74	peak
3	11736.000	33.41	17.18	50.59	74.00	-23.41	peak
4	13068.000	31.36	19.15	50.51	74.00	-23.49	peak
5	14022.000	28.29	21.79	50.08	74.00	-23.92	peak
6	17991.000	25.84	25.11	50.95	74.00	-23.05	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6715
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



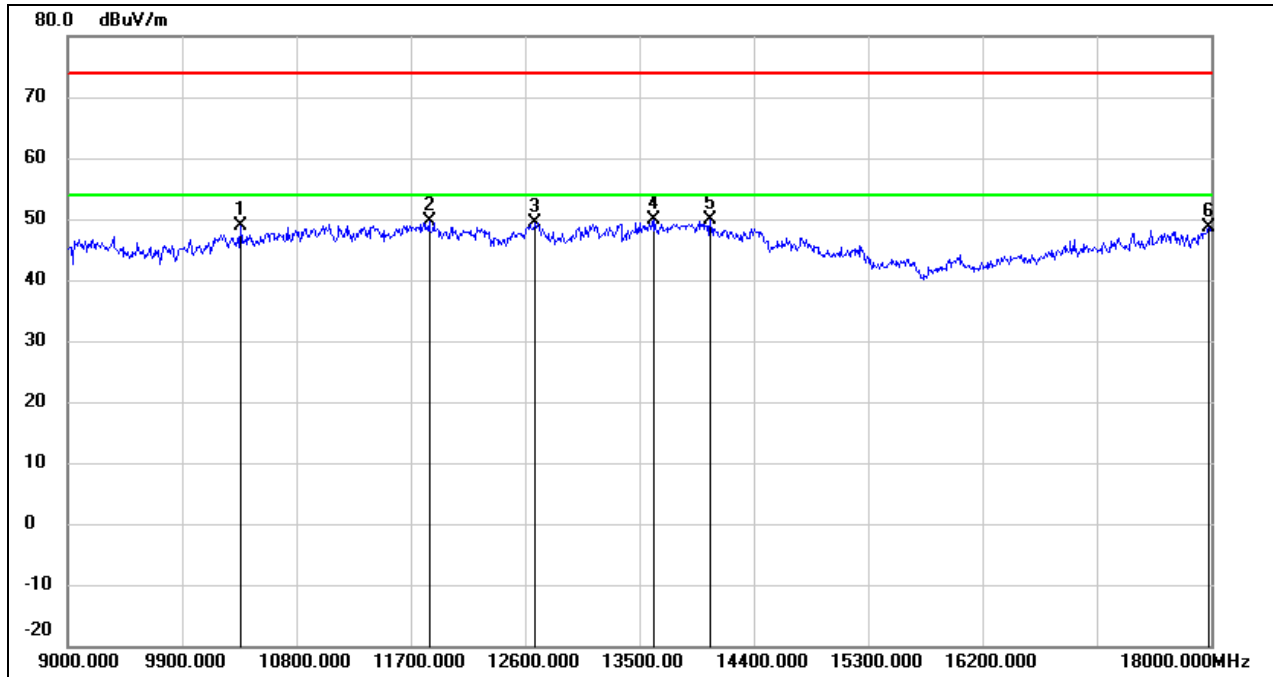
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11079.000	34.64	15.03	49.67	74.00	-24.33	peak
2	11754.000	32.99	17.23	50.22	74.00	-23.78	peak
3	12663.000	32.39	17.98	50.37	74.00	-23.63	peak
4	13590.000	29.58	21.00	50.58	74.00	-23.42	peak
5	13977.000	28.87	21.83	50.70	74.00	-23.30	peak
6	17991.000	24.71	25.11	49.82	74.00	-24.18	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6715
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



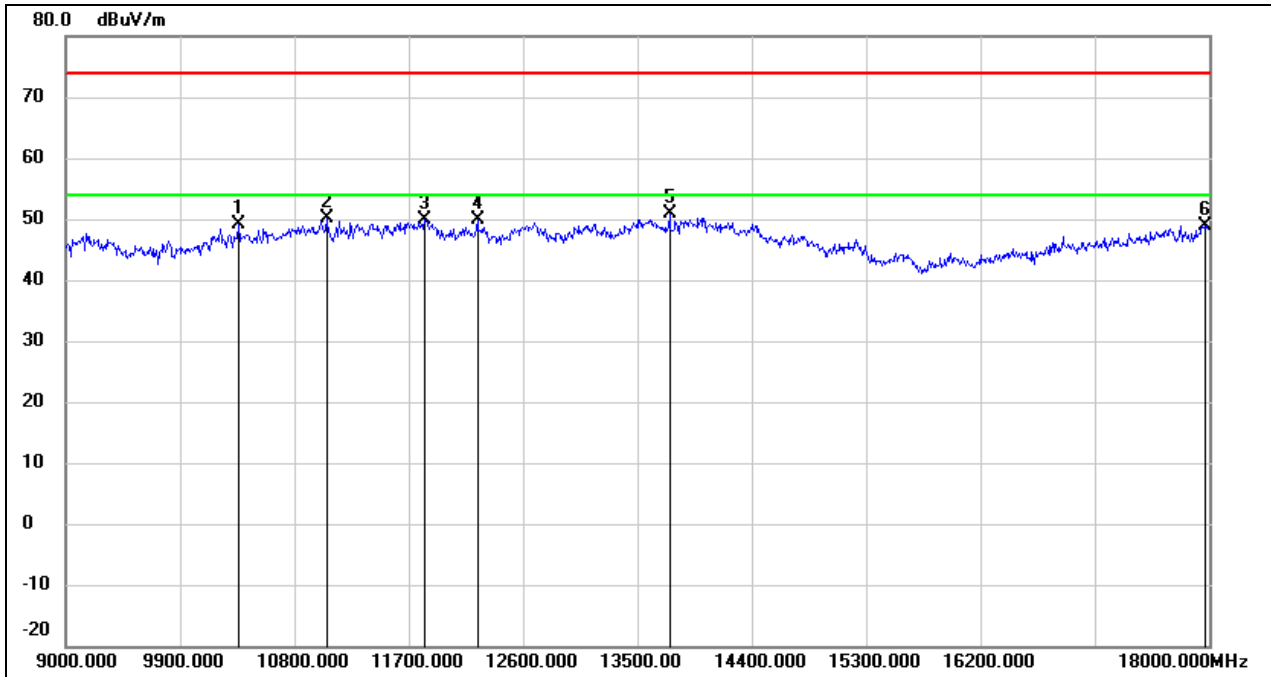
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.83	12.83	50.66	74.00	-23.34	peak
2	11007.000	34.28	14.77	49.05	74.00	-24.95	peak
3	11754.000	31.90	17.23	49.13	74.00	-24.87	peak
4	12690.000	31.30	18.05	49.35	74.00	-24.65	peak
5	13851.000	28.45	21.56	50.01	74.00	-23.99	peak
6	17973.000	24.09	24.99	49.08	74.00	-24.92	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6875
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.03	12.83	48.86	74.00	-25.14	peak
2	11844.000	32.24	17.48	49.72	74.00	-24.28	peak
3	12681.000	31.41	18.03	49.44	74.00	-24.56	peak
4	13617.000	28.78	21.06	49.84	74.00	-24.16	peak
5	14058.000	28.19	21.62	49.81	74.00	-24.19	peak
6	17982.000	23.48	25.04	48.52	74.00	-25.48	peak

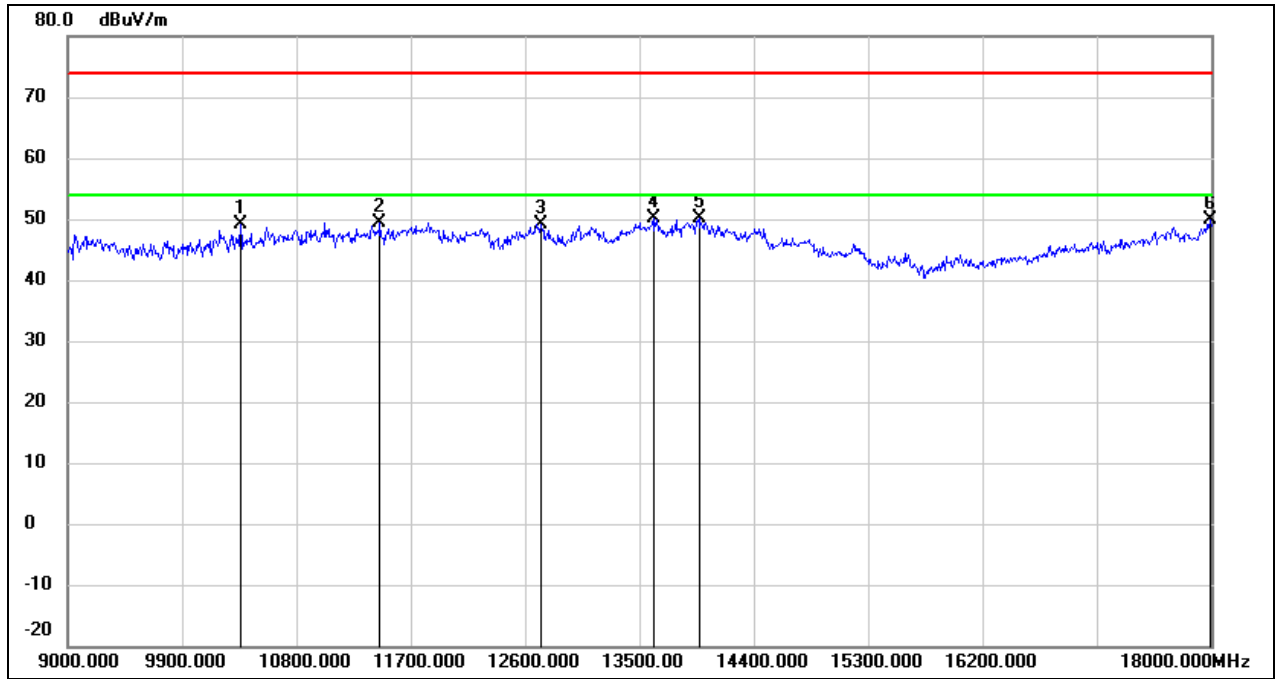
Test Mode:	802.11be EHT20	Frequency(MHz):	6875
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.18	12.83	49.01	74.00	-24.99	peak
2	11052.000	35.10	14.94	50.04	74.00	-23.96	peak
3	11826.000	32.44	17.42	49.86	74.00	-24.14	peak
4	12240.000	32.11	17.73	49.84	74.00	-24.16	peak
5	13752.000	29.46	21.35	50.81	74.00	-23.19	peak
6	17973.000	23.97	24.99	48.96	74.00	-25.04	peak

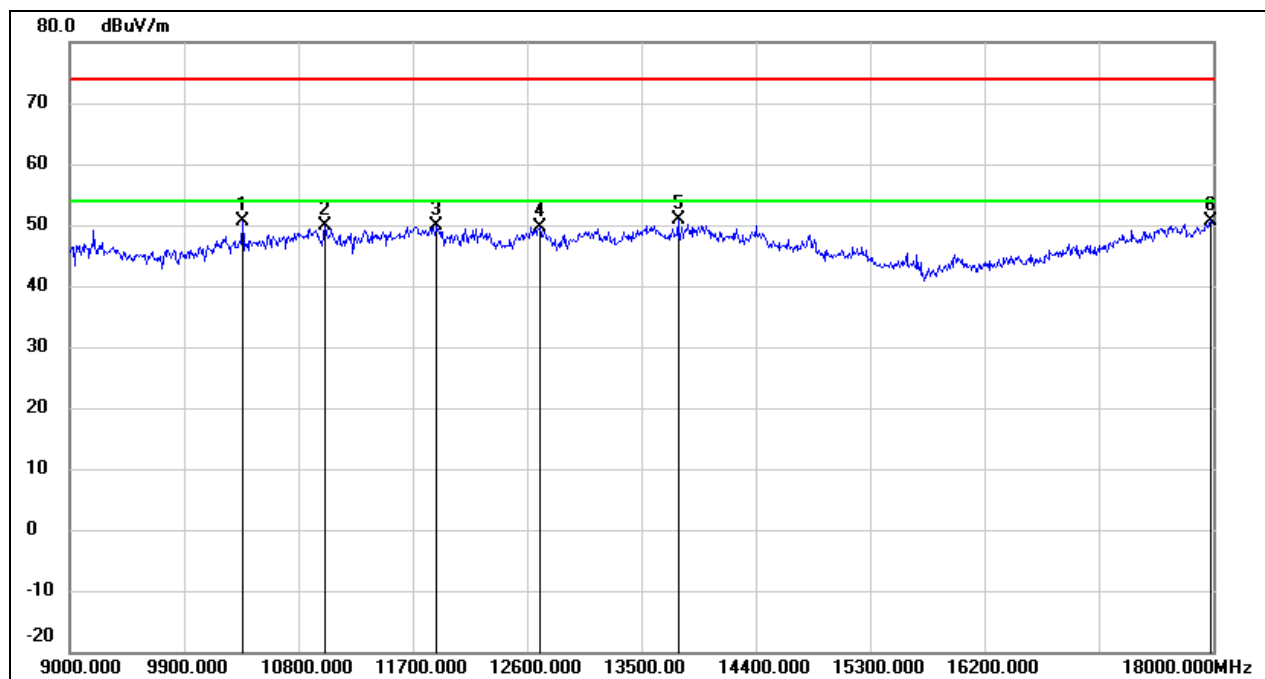


Test Mode:	802.11be EHT20	Frequency(MHz):	6895
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



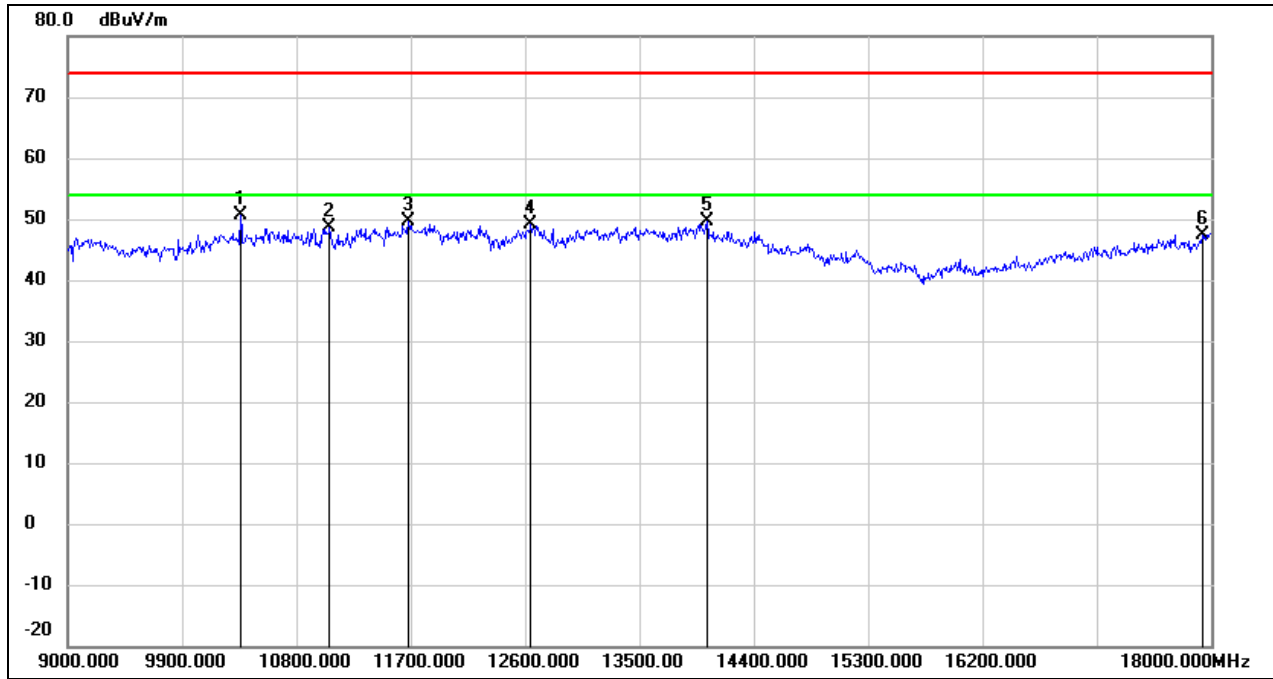
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.31	12.83	49.14	74.00	-24.86	peak
2	11457.000	33.12	16.38	49.50	74.00	-24.50	peak
3	12726.000	30.91	18.14	49.05	74.00	-24.95	peak
4	13608.000	29.02	21.05	50.07	74.00	-23.93	peak
5	13968.000	28.38	21.81	50.19	74.00	-23.81	peak
6	17991.000	24.80	25.11	49.91	74.00	-24.09	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	6895
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



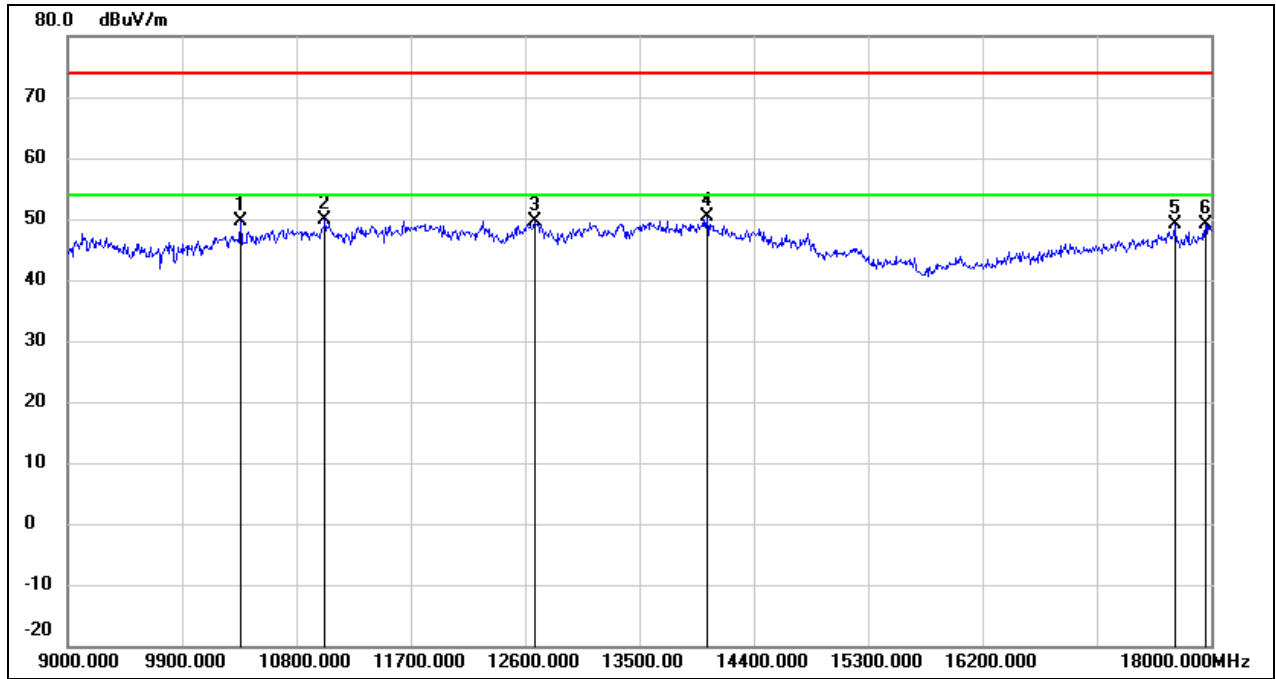
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.68	12.83	50.51	74.00	-23.49	peak
2	11007.000	35.14	14.77	49.91	74.00	-24.09	peak
3	11889.000	32.28	17.60	49.88	74.00	-24.12	peak
4	12699.000	31.61	18.07	49.68	74.00	-24.32	peak
5	13788.000	29.39	21.42	50.81	74.00	-23.19	peak
6	17982.000	25.71	25.04	50.75	74.00	-23.25	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7015
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



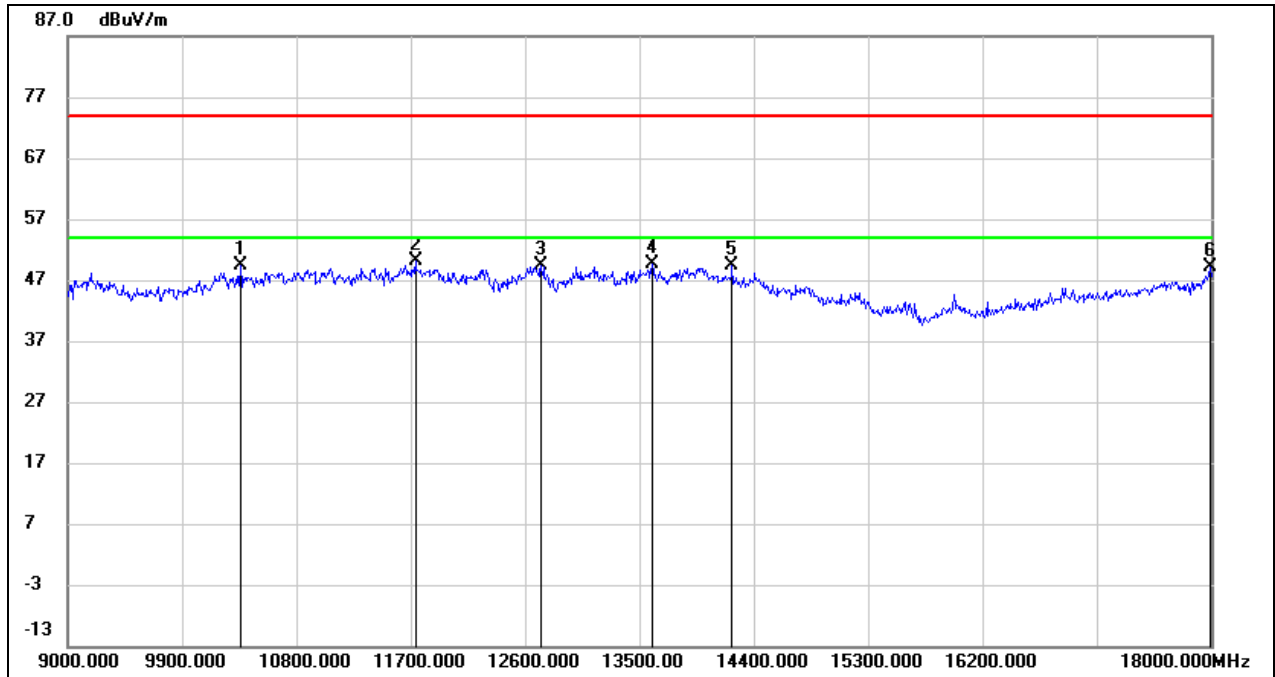
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.79	12.83	50.62	74.00	-23.38	peak
2	11061.000	33.60	14.96	48.56	74.00	-25.44	peak
3	11682.000	32.64	17.04	49.68	74.00	-24.32	peak
4	12645.000	31.27	17.92	49.19	74.00	-24.81	peak
5	14031.000	27.82	21.74	49.56	74.00	-24.44	peak
6	17928.000	22.76	24.70	47.46	74.00	-26.54	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



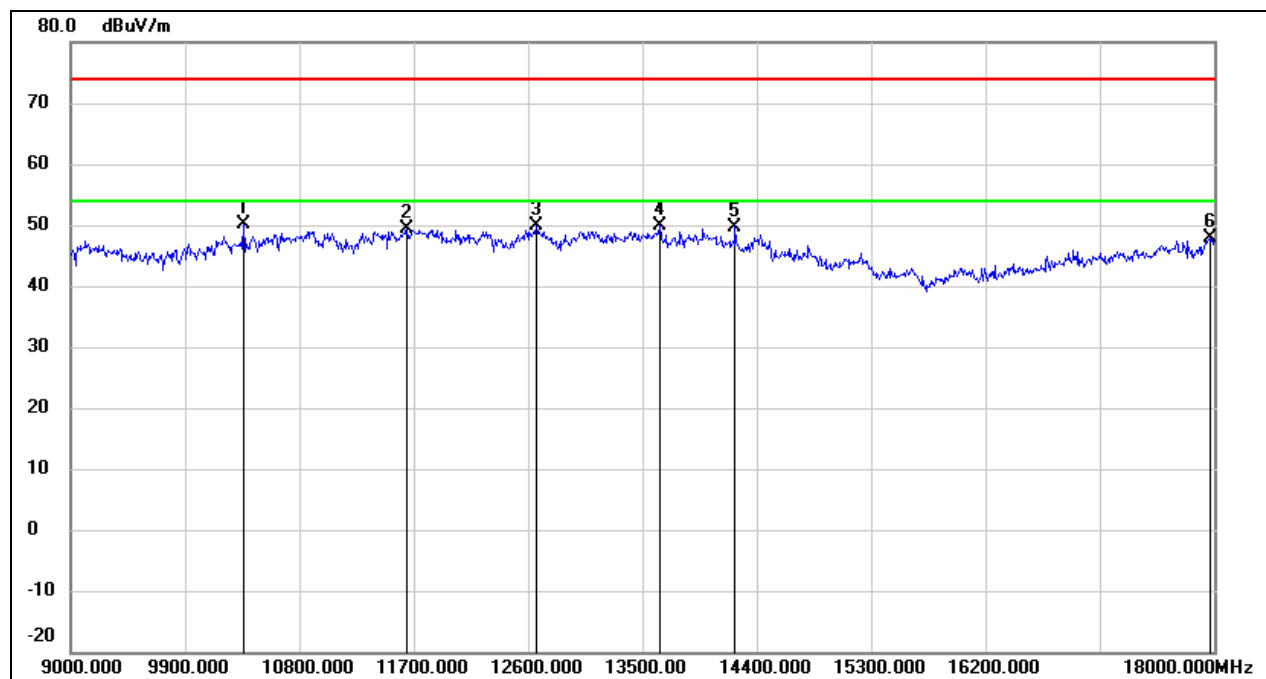
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.75	12.83	49.58	74.00	-24.42	peak
2	11025.000	35.02	14.83	49.85	74.00	-24.15	peak
3	12672.000	31.63	18.00	49.63	74.00	-24.37	peak
4	14031.000	28.53	21.74	50.27	74.00	-23.73	peak
5	17712.000	25.92	23.32	49.24	74.00	-24.76	peak
6	17955.000	24.38	24.87	49.25	74.00	-24.75	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



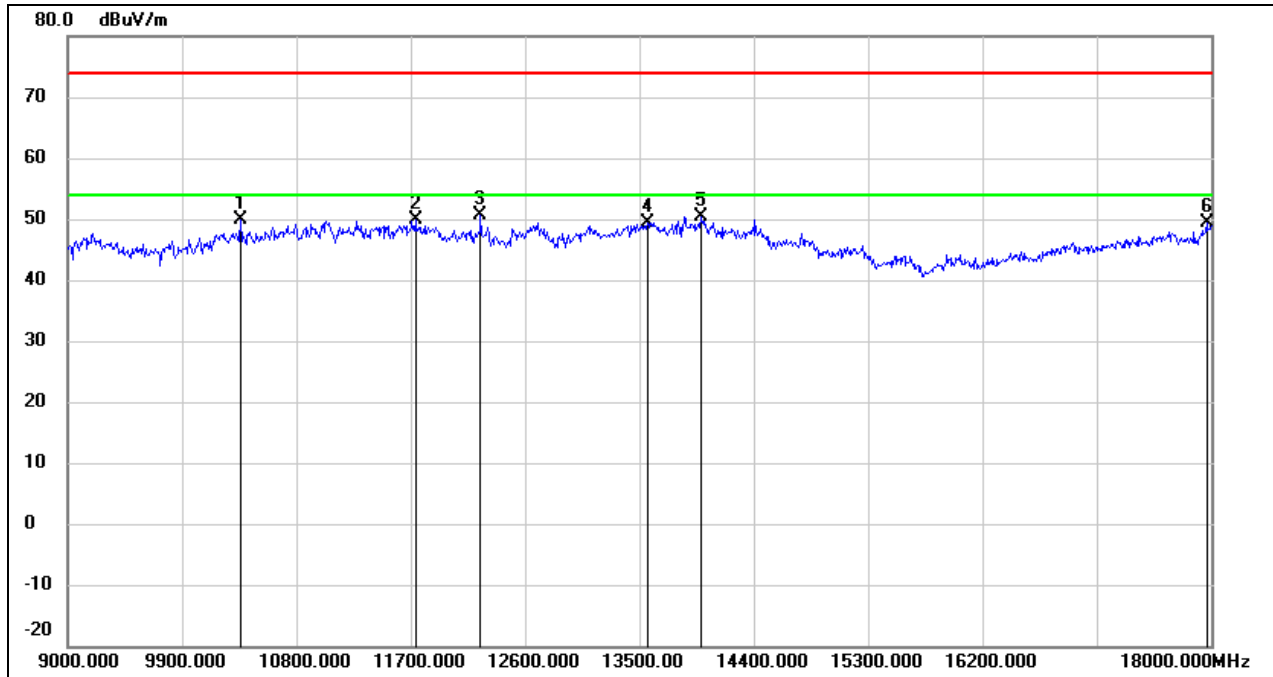
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.45	12.83	49.28	74.00	-24.72	peak
2	11736.000	32.87	17.18	50.05	74.00	-23.95	peak
3	12726.000	31.21	18.14	49.35	74.00	-24.65	peak
4	13599.000	28.50	21.02	49.52	74.00	-24.48	peak
5	14229.000	28.49	20.87	49.36	74.00	-24.64	peak
6	17991.000	23.96	25.11	49.07	74.00	-24.93	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



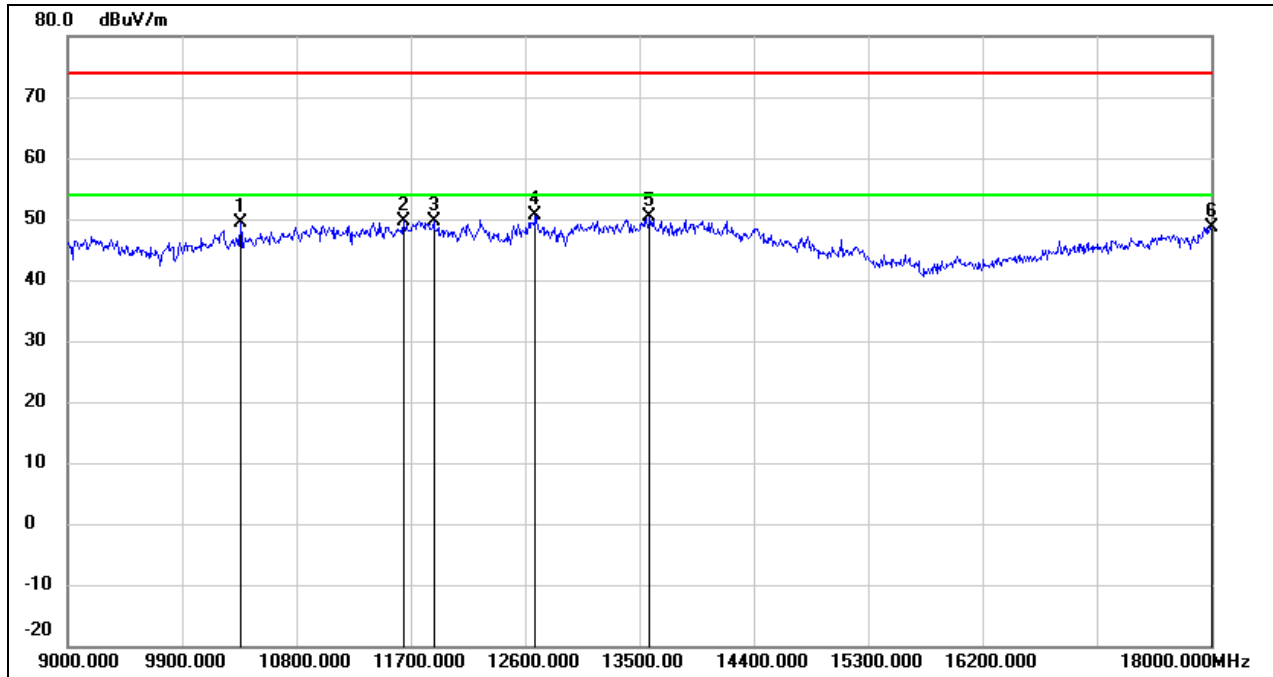
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.27	12.83	50.10	74.00	-23.90	peak
2	11646.000	32.55	16.94	49.49	74.00	-24.51	peak
3	12663.000	31.80	17.98	49.78	74.00	-24.22	peak
4	13635.000	28.68	21.10	49.78	74.00	-24.22	peak
5	14229.000	28.88	20.87	49.75	74.00	-24.25	peak
6	17964.000	23.04	24.92	47.96	74.00	-26.04	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6125
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.09	12.83	49.92	74.00	-24.08	peak
2	11736.000	32.78	17.18	49.96	74.00	-24.04	peak
3	12249.000	32.90	17.72	50.62	74.00	-23.38	peak
4	13563.000	28.34	20.94	49.28	74.00	-24.72	peak
5	13986.000	28.49	21.85	50.34	74.00	-23.66	peak
6	17964.000	24.35	24.92	49.27	74.00	-24.73	peak

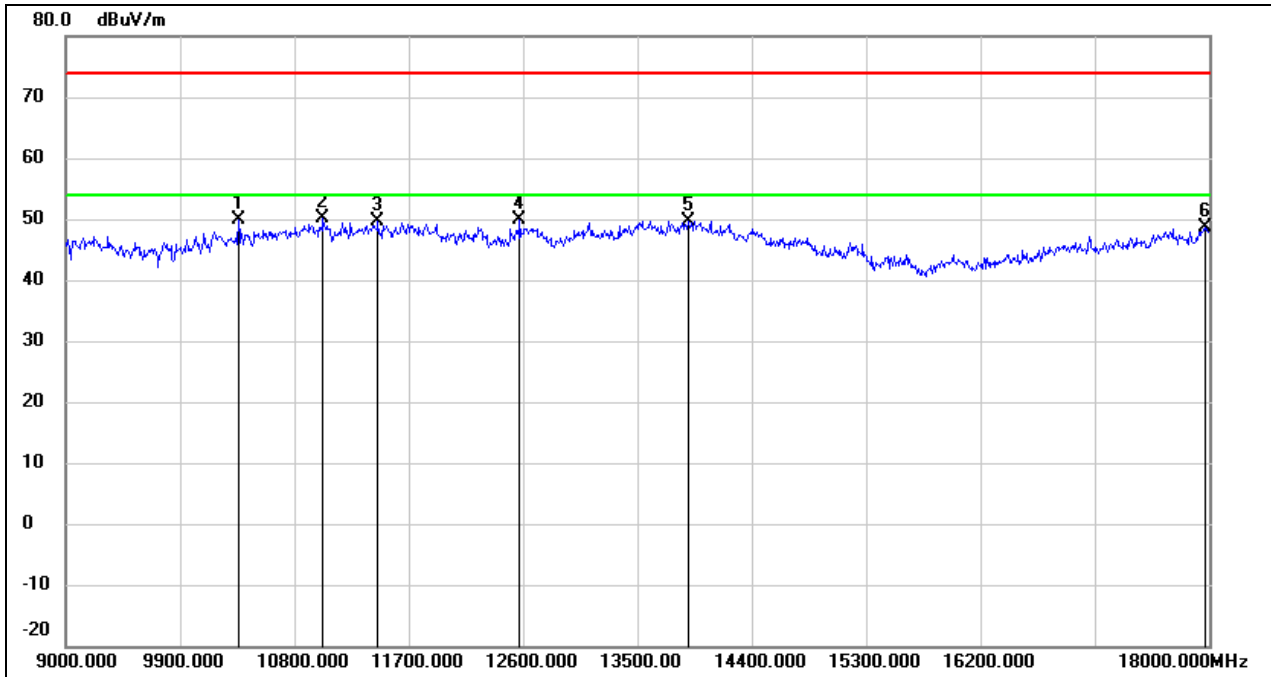
Test Mode:	802.11be EHT40	Frequency(MHz):	6125
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



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	11646.000	32.60	16.94	49.54	74.00	-24.46	peak
3	11880.000	32.09	17.58	49.67	74.00	-24.33	peak
4	12681.000	32.67	18.03	50.70	74.00	-23.30	peak
5	13581.000	29.32	20.99	50.31	74.00	-23.69	peak
6	18000.000	23.44	25.16	48.60	74.00	-25.40	peak

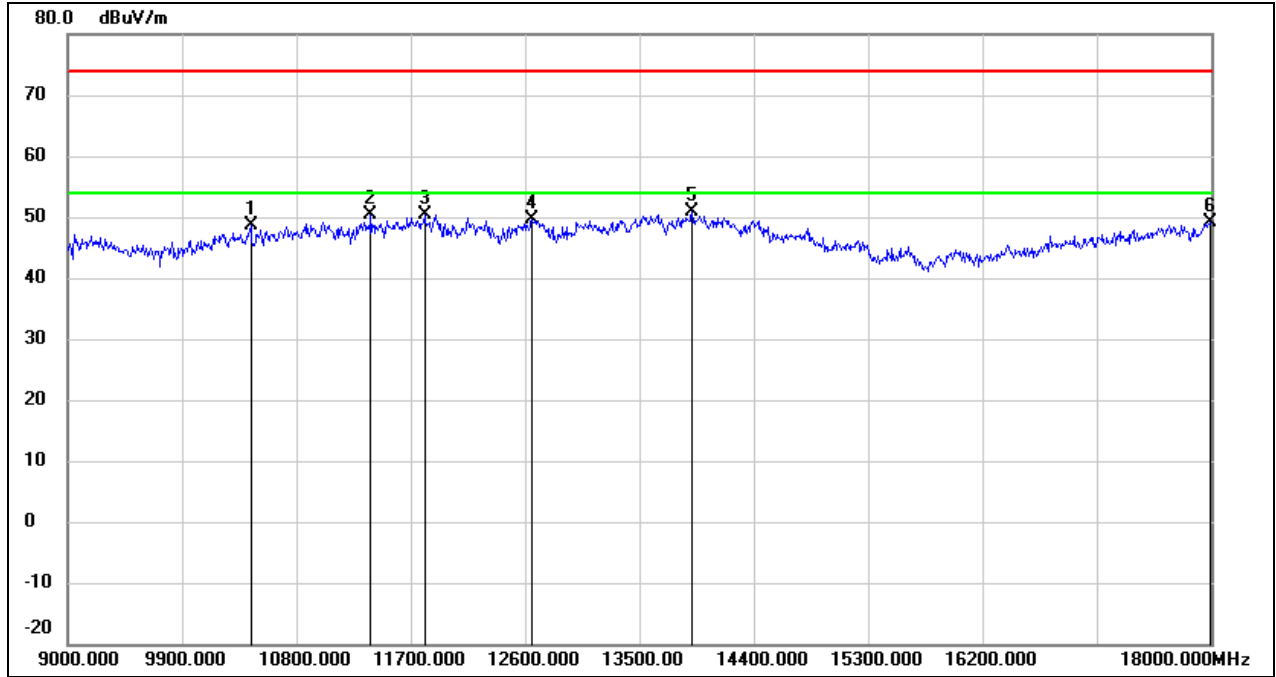


Test Mode:	802.11be EHT40	Frequency(MHz):	6285
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



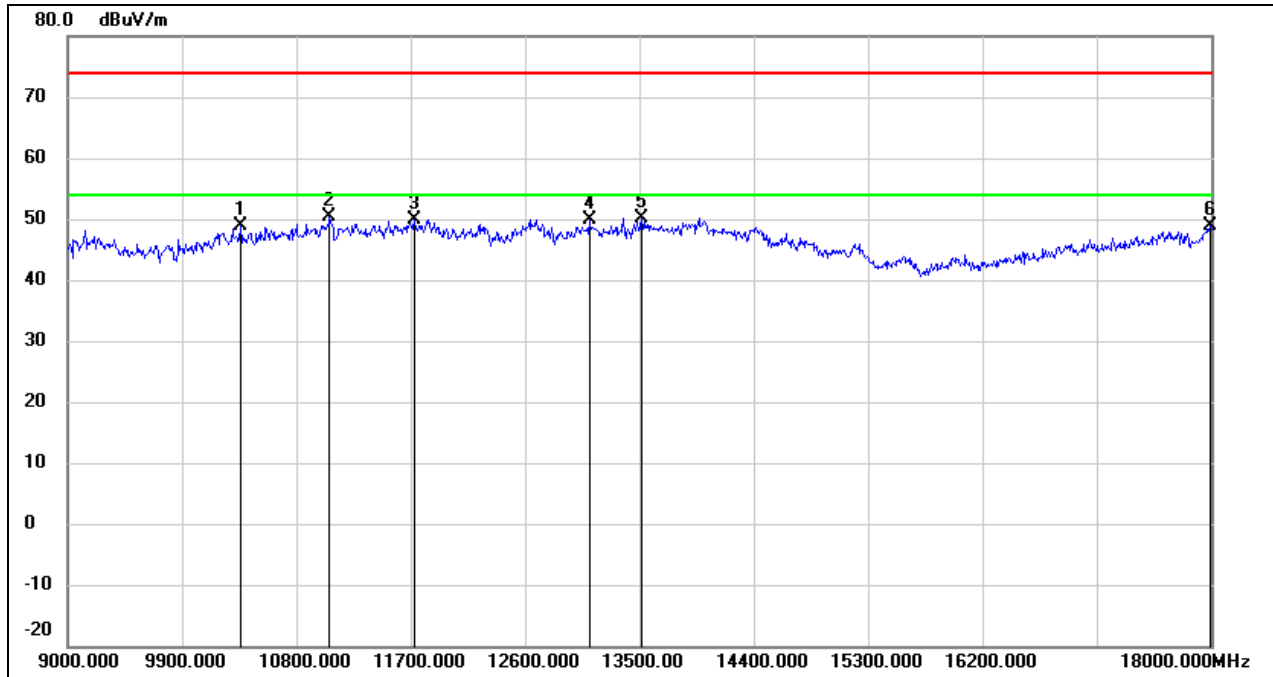
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.11	12.83	49.94	74.00	-24.06	peak
2	11025.000	35.27	14.83	50.10	74.00	-23.90	peak
3	11457.000	33.17	16.38	49.55	74.00	-24.45	peak
4	12573.000	32.14	17.73	49.87	74.00	-24.13	peak
5	13896.000	27.95	21.65	49.60	74.00	-24.40	peak
6	17964.000	23.70	24.92	48.62	74.00	-25.38	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6285
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



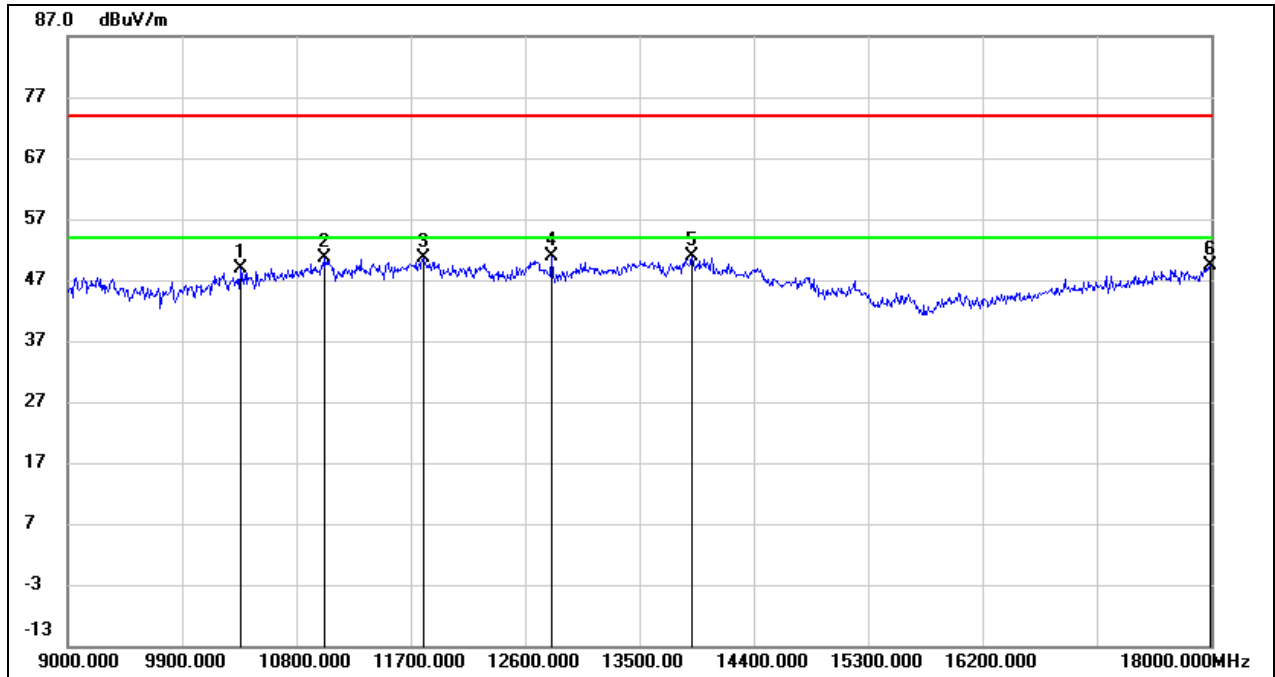
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	35.65	13.00	48.65	74.00	-25.35	peak
2	11385.000	34.20	16.12	50.32	74.00	-23.68	peak
3	11808.000	33.07	17.38	50.45	74.00	-23.55	peak
4	12654.000	31.63	17.94	49.57	74.00	-24.43	peak
5	13914.000	29.17	21.69	50.86	74.00	-23.14	peak
6	17991.000	24.04	25.11	49.15	74.00	-24.85	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6405
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



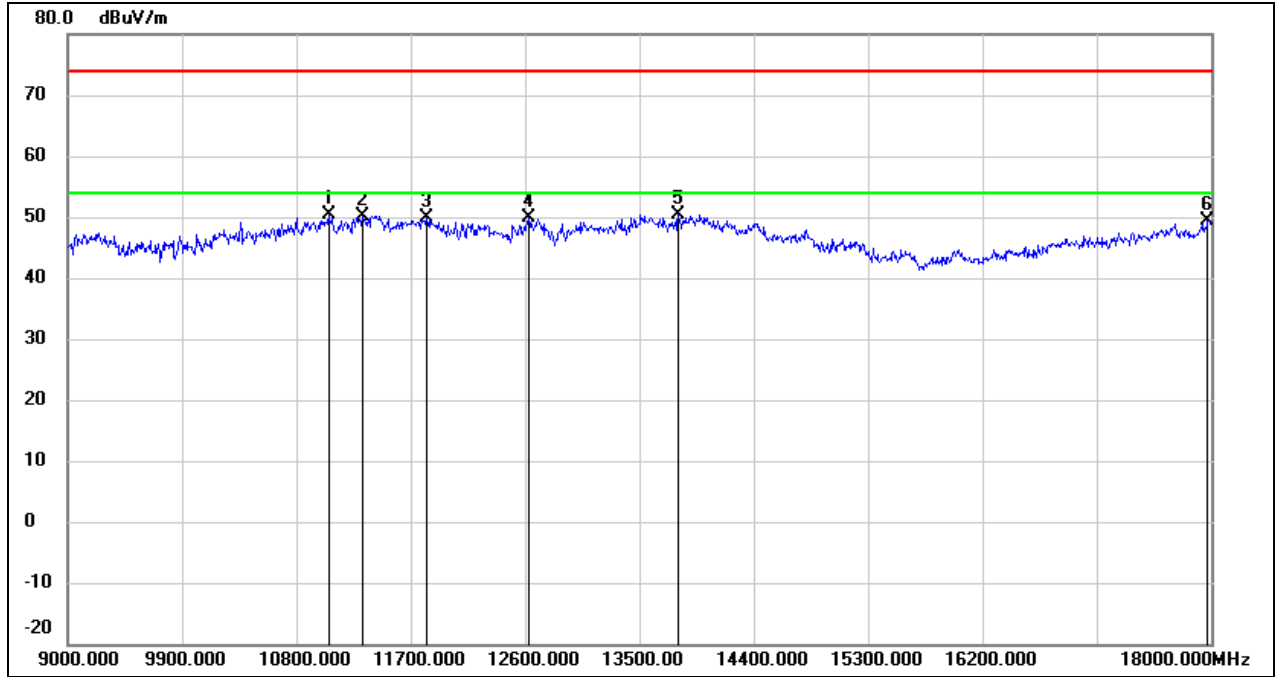
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.16	12.83	48.99	74.00	-25.01	peak
2	11061.000	35.49	14.96	50.45	74.00	-23.55	peak
3	11727.000	32.71	17.16	49.87	74.00	-24.13	peak
4	13104.000	30.67	19.29	49.96	74.00	-24.04	peak
5	13518.000	29.22	20.85	50.07	74.00	-23.93	peak
6	17991.000	23.73	25.11	48.84	74.00	-25.16	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6405
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



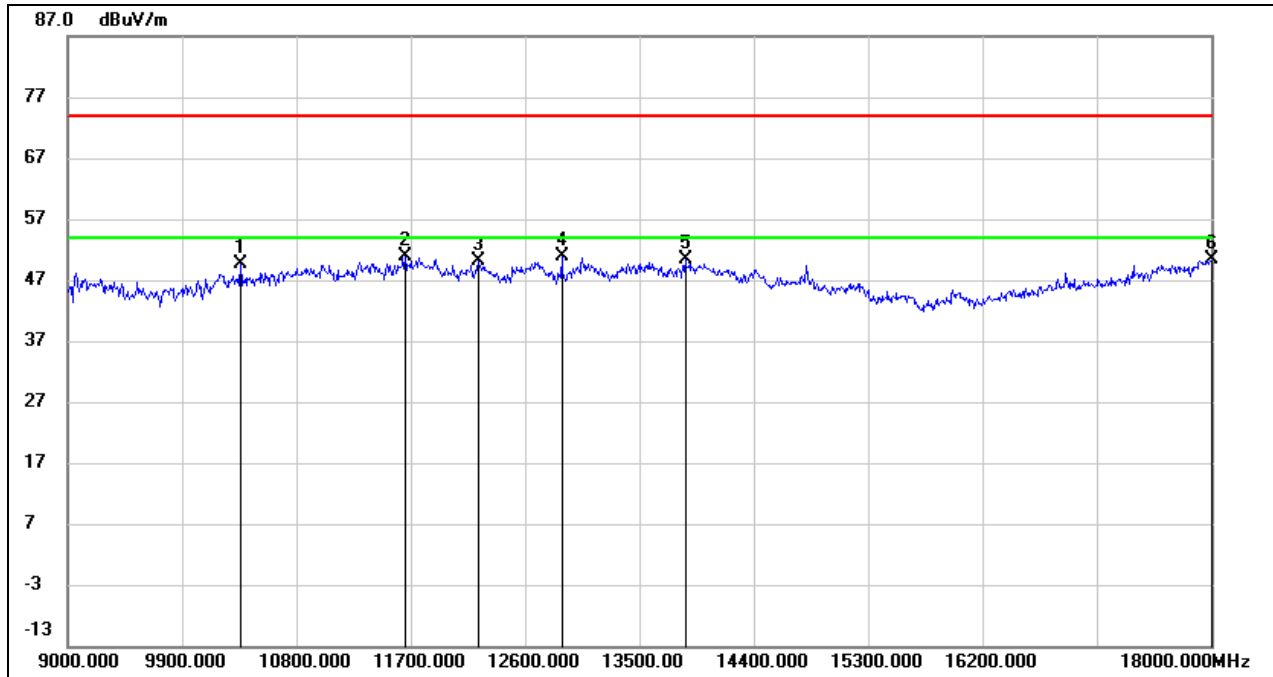
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.14	12.83	48.97	74.00	-25.03	peak
2	11016.000	35.84	14.81	50.65	74.00	-23.35	peak
3	11799.000	33.17	17.36	50.53	74.00	-23.47	peak
4	12807.000	32.48	18.37	50.85	74.00	-23.15	peak
5	13914.000	29.12	21.69	50.81	74.00	-23.19	peak
6	17991.000	24.20	25.11	49.31	74.00	-24.69	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6445
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



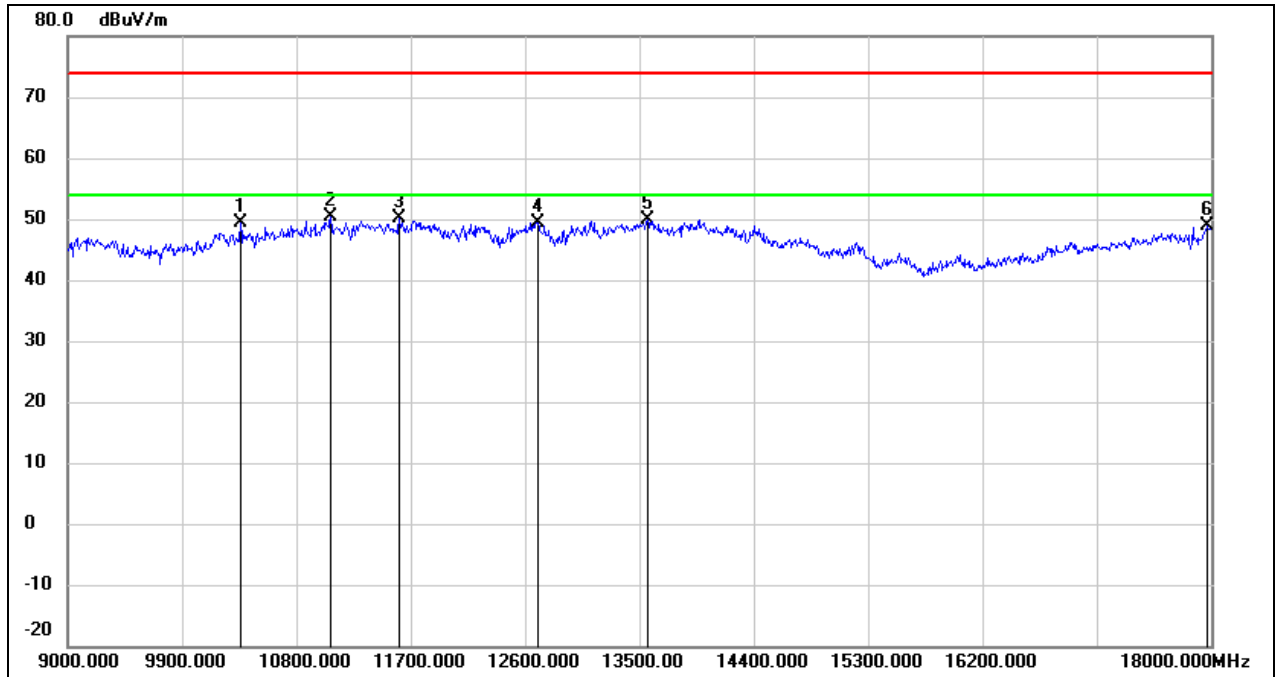
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11052.000	35.40	14.94	50.34	74.00	-23.66	peak
2	11322.000	34.29	15.90	50.19	74.00	-23.81	peak
3	11826.000	32.36	17.42	49.78	74.00	-24.22	peak
4	12627.000	32.00	17.87	49.87	74.00	-24.13	peak
5	13806.000	29.02	21.46	50.48	74.00	-23.52	peak
6	17973.000	24.37	24.99	49.36	74.00	-24.64	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6445
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



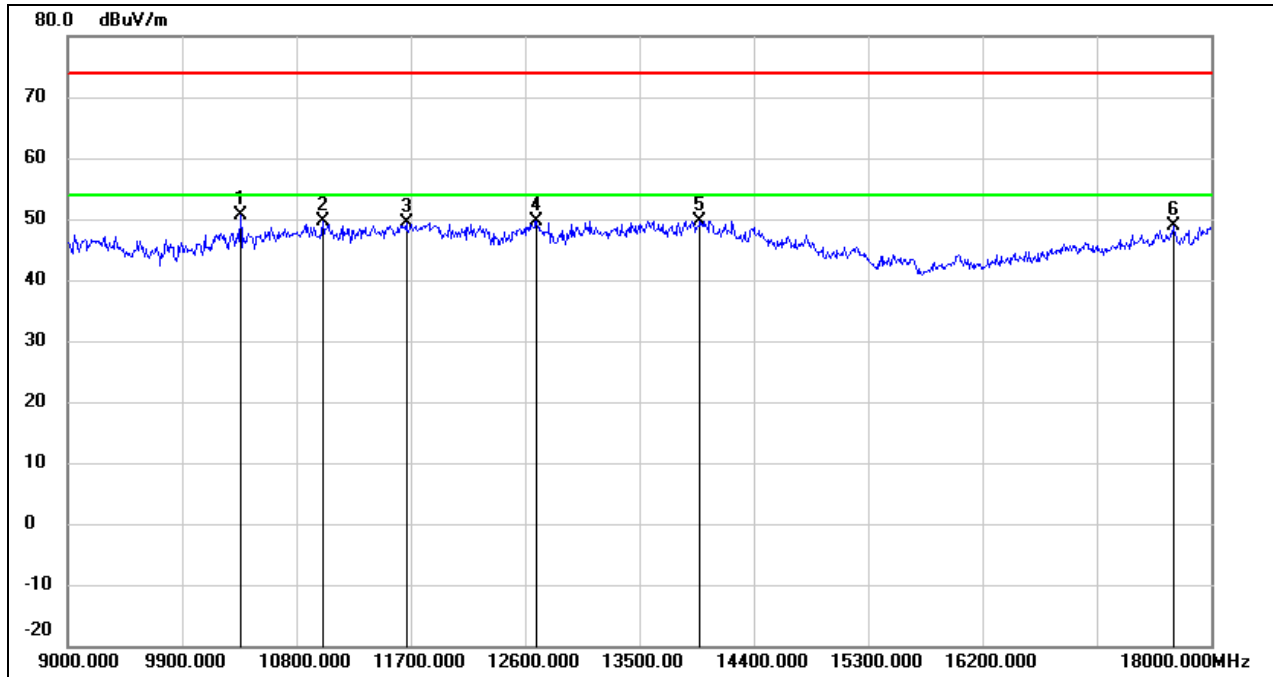
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.90	12.83	49.73	74.00	-24.27	peak
2	11655.000	33.85	16.95	50.80	74.00	-23.20	peak
3	12231.000	32.44	17.73	50.17	74.00	-23.83	peak
4	12888.000	32.17	18.59	50.76	74.00	-23.24	peak
5	13860.000	28.70	21.59	50.29	74.00	-23.71	peak
6	18000.000	25.17	25.16	50.33	74.00	-23.67	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6485
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.47	12.83	49.30	74.00	-24.70	peak
2	11070.000	35.37	15.00	50.37	74.00	-23.63	peak
3	11610.000	33.27	16.84	50.11	74.00	-23.89	peak
4	12699.000	31.42	18.07	49.49	74.00	-24.51	peak
5	13563.000	28.96	20.94	49.90	74.00	-24.10	peak
6	17964.000	23.94	24.92	48.86	74.00	-25.14	peak

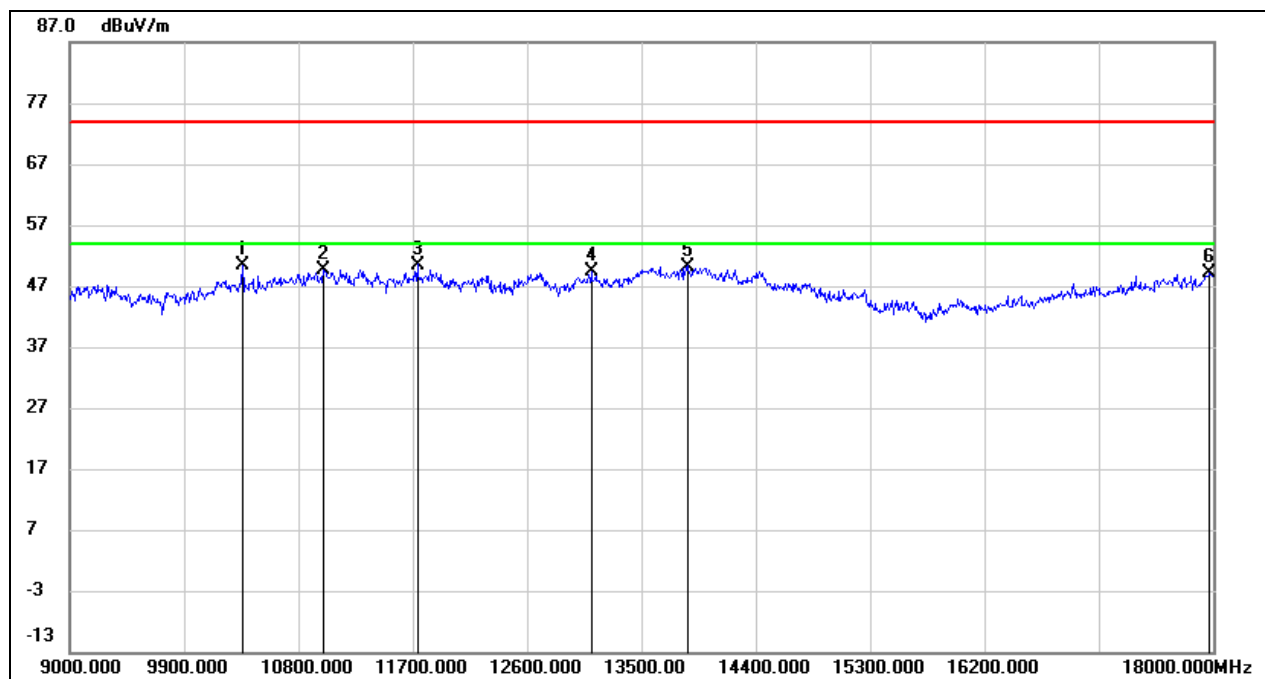
Test Mode:	802.11be EHT40	Frequency(MHz):	6485
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.86	12.83	50.69	74.00	-23.31	peak
2	11007.000	34.94	14.77	49.71	74.00	-24.29	peak
3	11664.000	32.36	16.98	49.34	74.00	-24.66	peak
4	12690.000	31.59	18.05	49.64	74.00	-24.36	peak
5	13977.000	27.92	21.83	49.75	74.00	-24.25	peak
6	17703.000	25.59	23.26	48.85	74.00	-25.15	peak

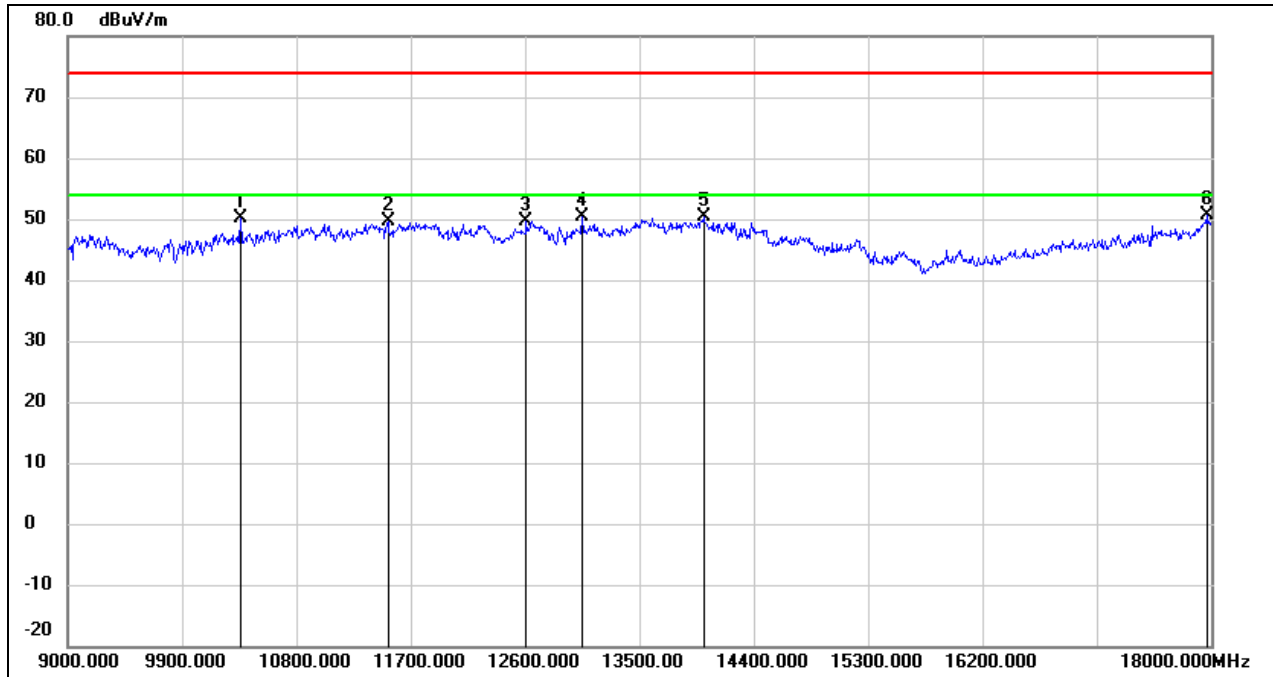


Test Mode:	802.11be EHT40	Frequency(MHz):	6525
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



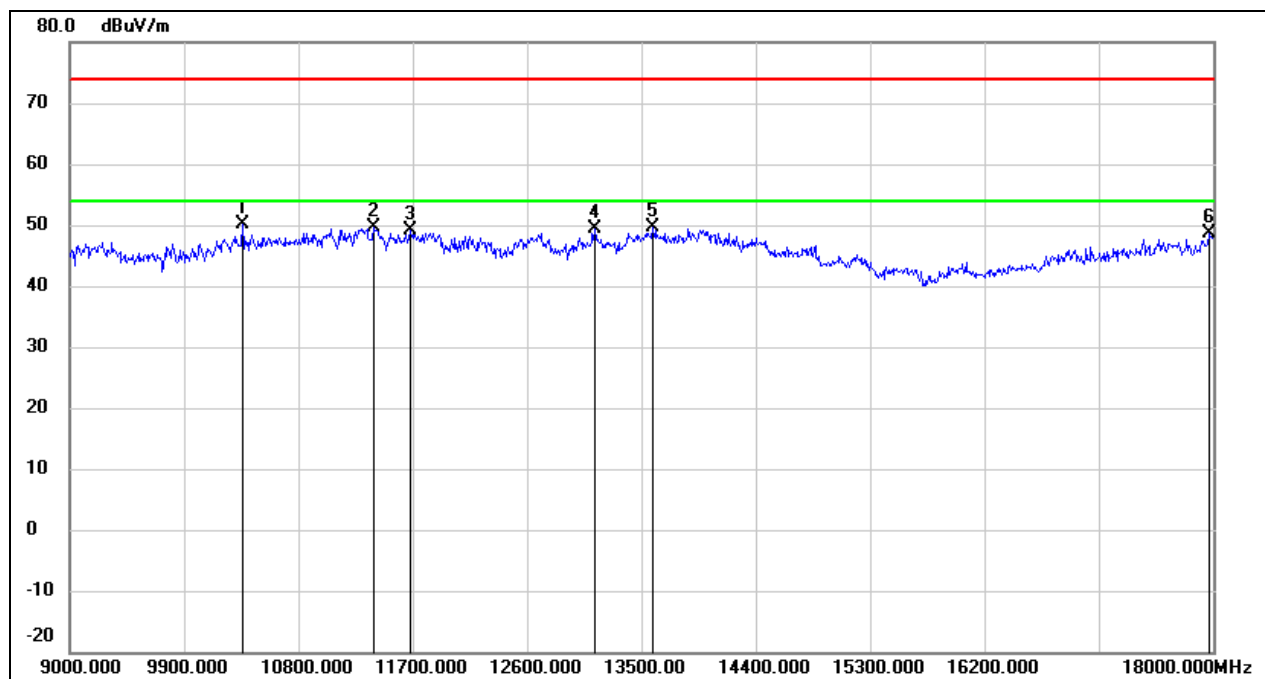
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.43	12.83	50.26	74.00	-23.74	peak
2	10998.000	34.92	14.75	49.67	74.00	-24.33	peak
3	11736.000	33.32	17.18	50.50	74.00	-23.50	peak
4	13104.000	30.12	19.29	49.41	74.00	-24.59	peak
5	13860.000	28.66	21.59	50.25	74.00	-23.75	peak
6	17973.000	24.06	24.99	49.05	74.00	-24.95	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6525
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



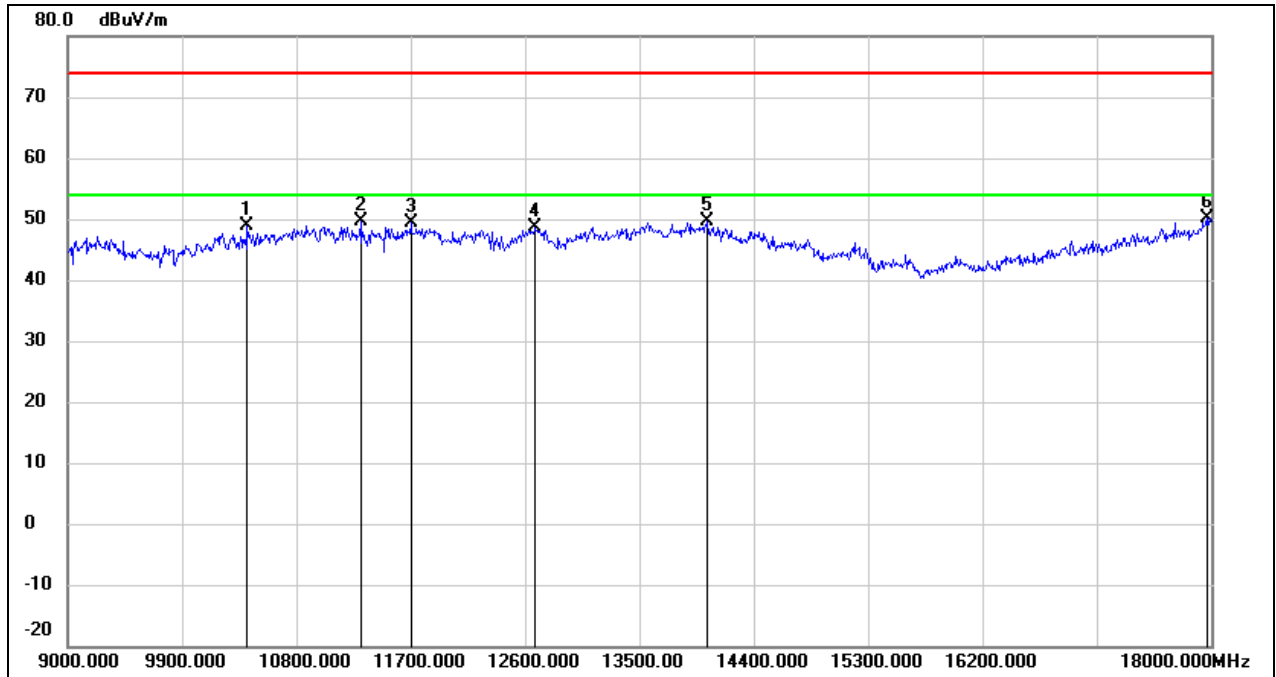
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.19	12.83	50.02	74.00	-23.98	peak
2	11520.000	33.00	16.59	49.59	74.00	-24.41	peak
3	12609.000	31.82	17.83	49.65	74.00	-24.35	peak
4	13050.000	31.36	19.08	50.44	74.00	-23.56	peak
5	14004.000	28.58	21.86	50.44	74.00	-23.56	peak
6	17964.000	25.63	24.92	50.55	74.00	-23.45	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6565
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



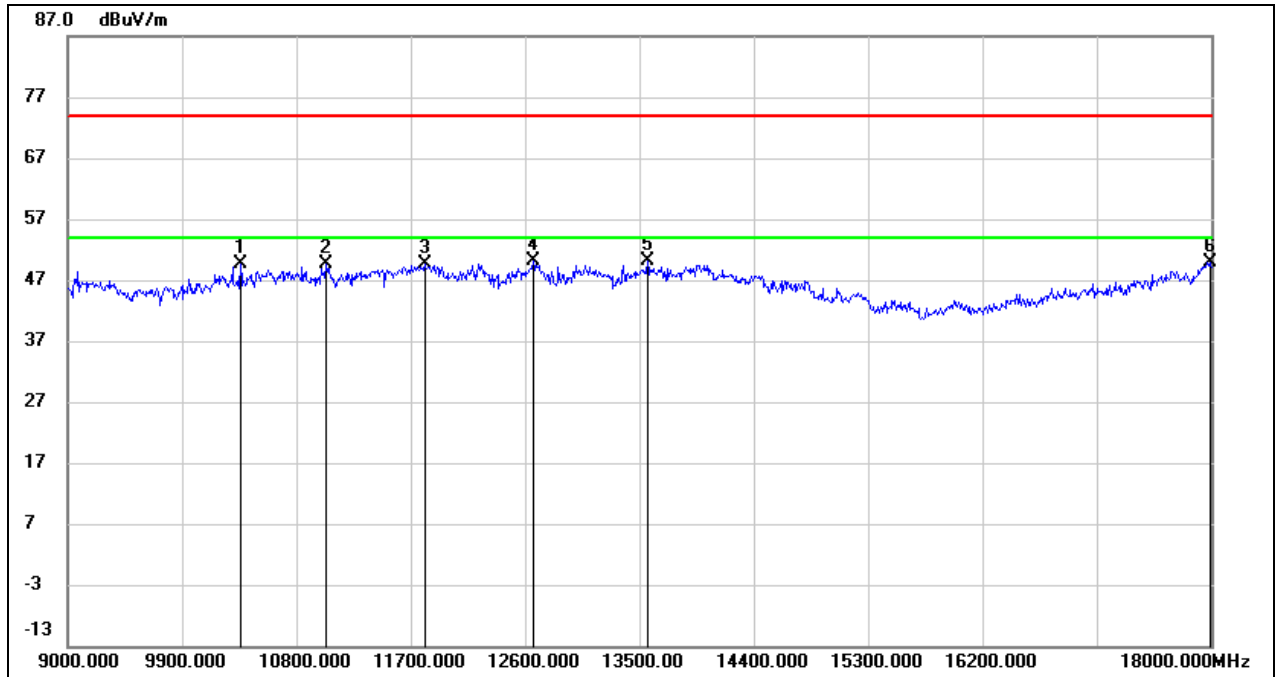
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.18	12.83	50.01	74.00	-23.99	peak
2	11394.000	33.44	16.15	49.59	74.00	-24.41	peak
3	11682.000	32.20	17.04	49.24	74.00	-24.76	peak
4	13131.000	29.94	19.40	49.34	74.00	-24.66	peak
5	13590.000	28.57	21.00	49.57	74.00	-24.43	peak
6	17964.000	23.63	24.92	48.55	74.00	-25.45	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6565
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



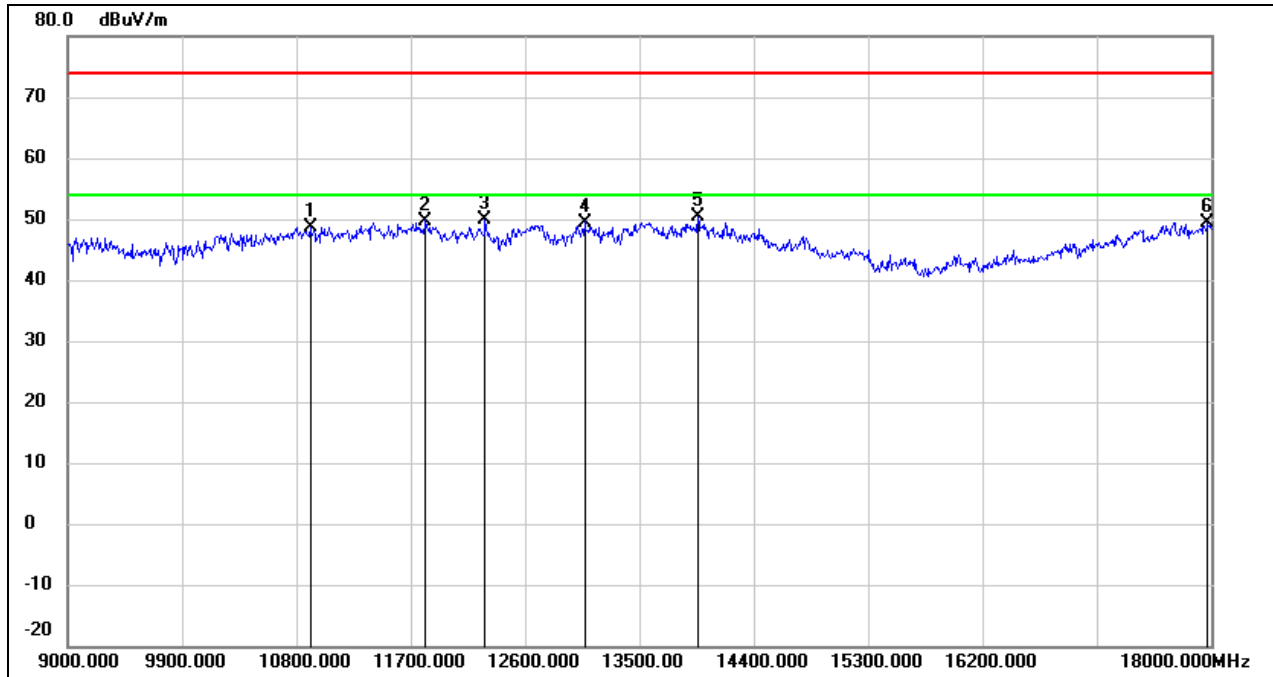
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10413.000	35.90	12.94	48.84	74.00	-25.16	peak
2	11304.000	33.85	15.84	49.69	74.00	-24.31	peak
3	11700.000	32.21	17.08	49.29	74.00	-24.71	peak
4	12681.000	30.68	18.03	48.71	74.00	-25.29	peak
5	14031.000	27.90	21.74	49.64	74.00	-24.36	peak
6	17964.000	25.30	24.92	50.22	74.00	-23.78	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6685
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



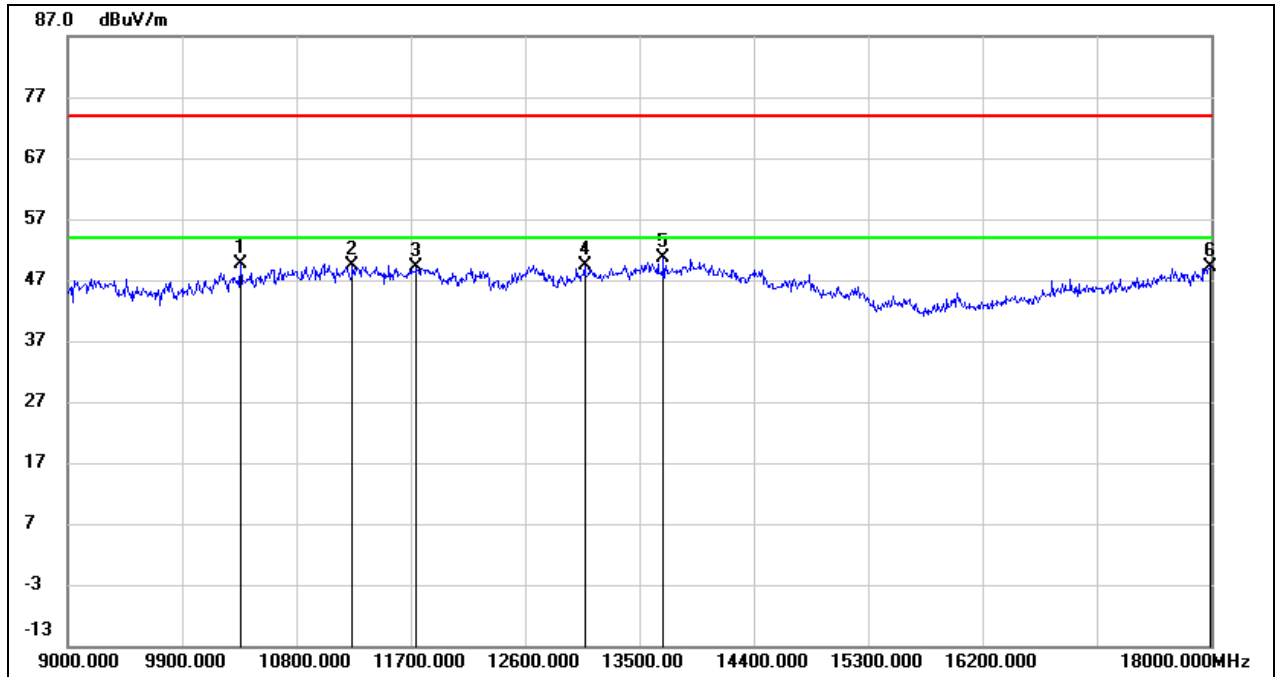
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.83	12.83	49.66	74.00	-24.34	peak
2	11034.000	34.68	14.87	49.55	74.00	-24.45	peak
3	11808.000	32.13	17.38	49.51	74.00	-24.49	peak
4	12663.000	32.08	17.98	50.06	74.00	-23.94	peak
5	13563.000	29.11	20.94	50.05	74.00	-23.95	peak
6	17991.000	24.84	25.11	49.95	74.00	-24.05	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6685
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



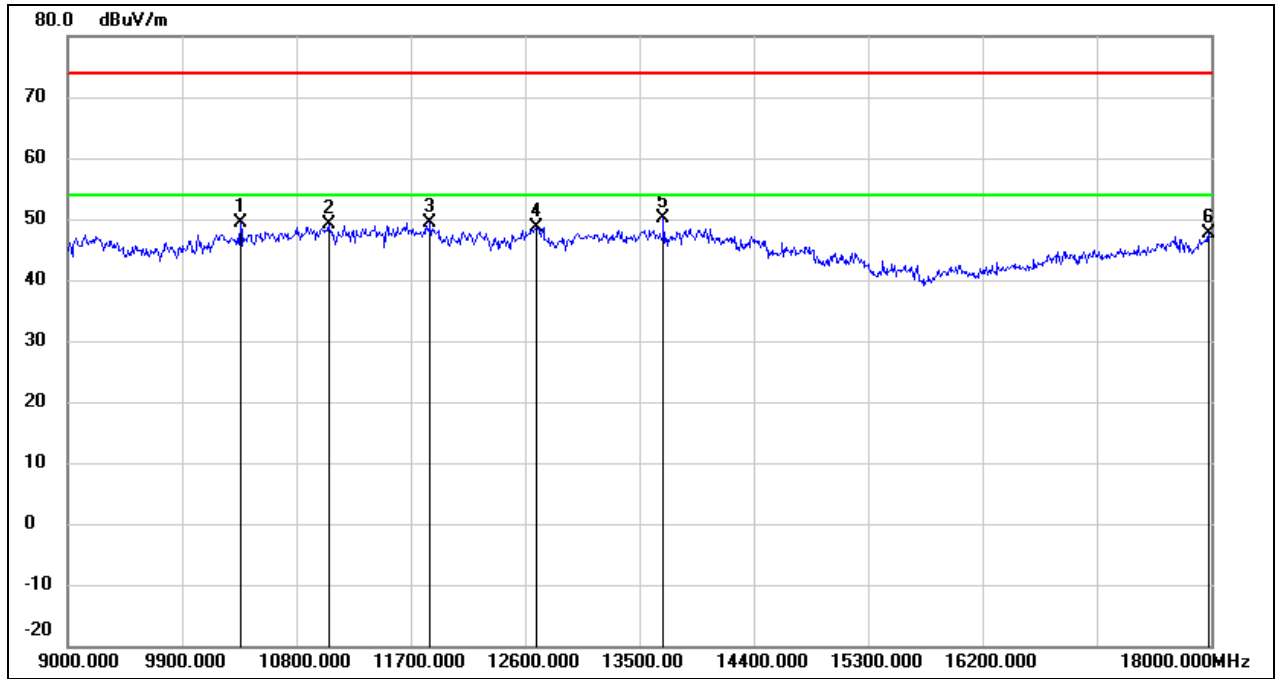
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10908.000	34.13	14.45	48.58	74.00	-25.42	peak
2	11817.000	32.35	17.40	49.75	74.00	-24.25	peak
3	12285.000	32.17	17.69	49.86	74.00	-24.14	peak
4	13068.000	30.35	19.15	49.50	74.00	-24.50	peak
5	13959.000	28.51	21.79	50.30	74.00	-23.70	peak
6	17973.000	24.45	24.99	49.44	74.00	-24.56	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6845
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.91	12.83	49.74	74.00	-24.26	peak
2	11241.000	33.77	15.61	49.38	74.00	-24.62	peak
3	11745.000	31.94	17.21	49.15	74.00	-24.85	peak
4	13068.000	30.26	19.15	49.41	74.00	-24.59	peak
5	13689.000	29.48	21.21	50.69	74.00	-23.31	peak
6	17991.000	23.98	25.11	49.09	74.00	-24.91	peak

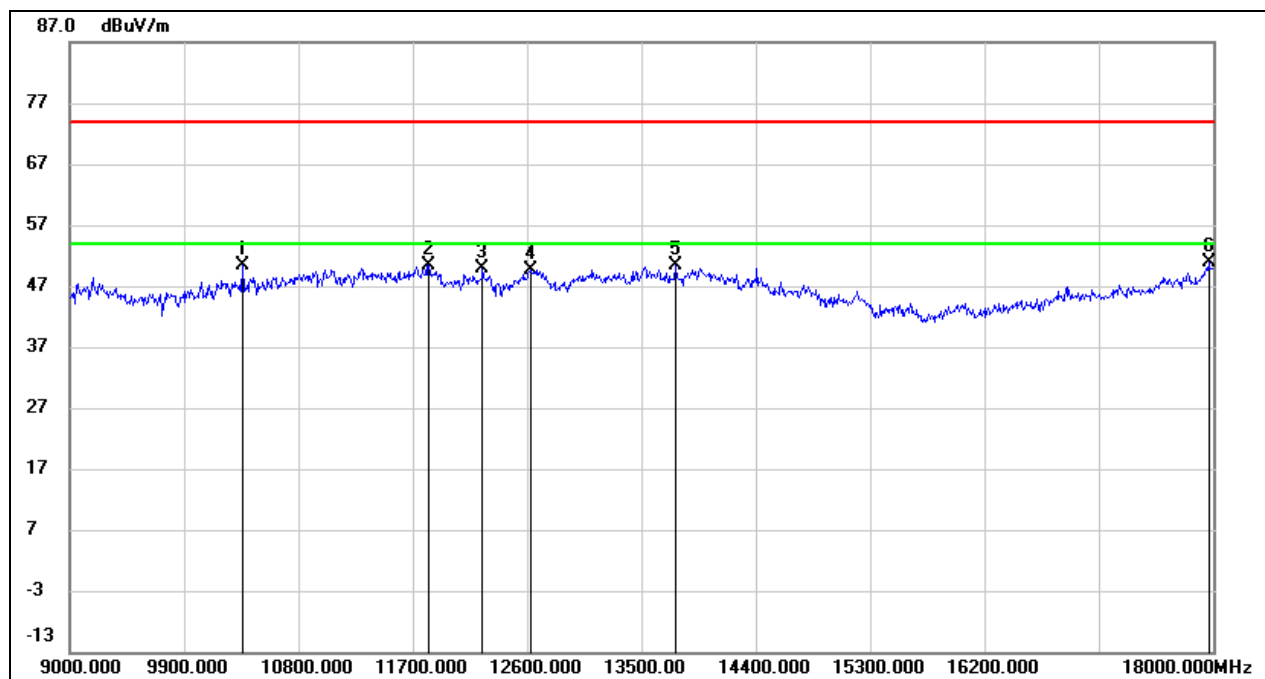
Test Mode:	802.11be EHT40	Frequency(MHz):	6845
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.63	12.83	49.46	74.00	-24.54	peak
2	11052.000	34.18	14.94	49.12	74.00	-24.88	peak
3	11853.000	31.86	17.50	49.36	74.00	-24.64	peak
4	12690.000	30.49	18.05	48.54	74.00	-25.46	peak
5	13689.000	28.83	21.21	50.04	74.00	-23.96	peak
6	17982.000	22.63	25.04	47.67	74.00	-26.33	peak

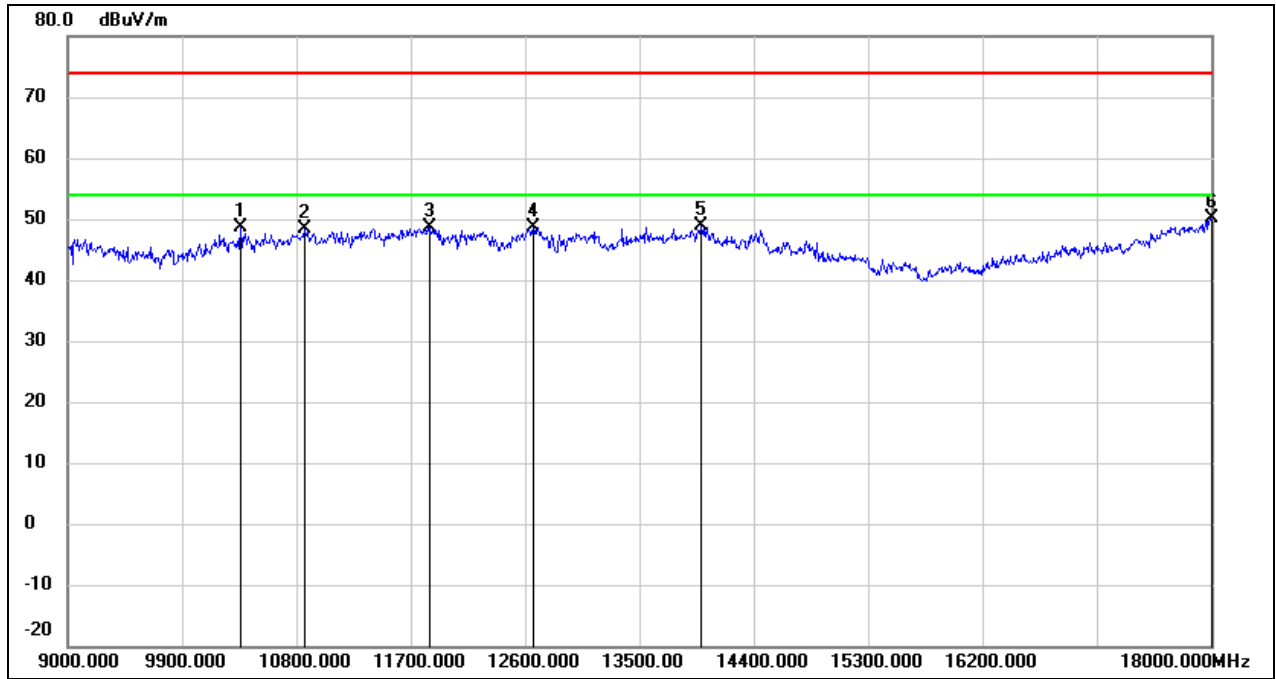


Test Mode:	802.11be EHT40	Frequency(MHz):	6885
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



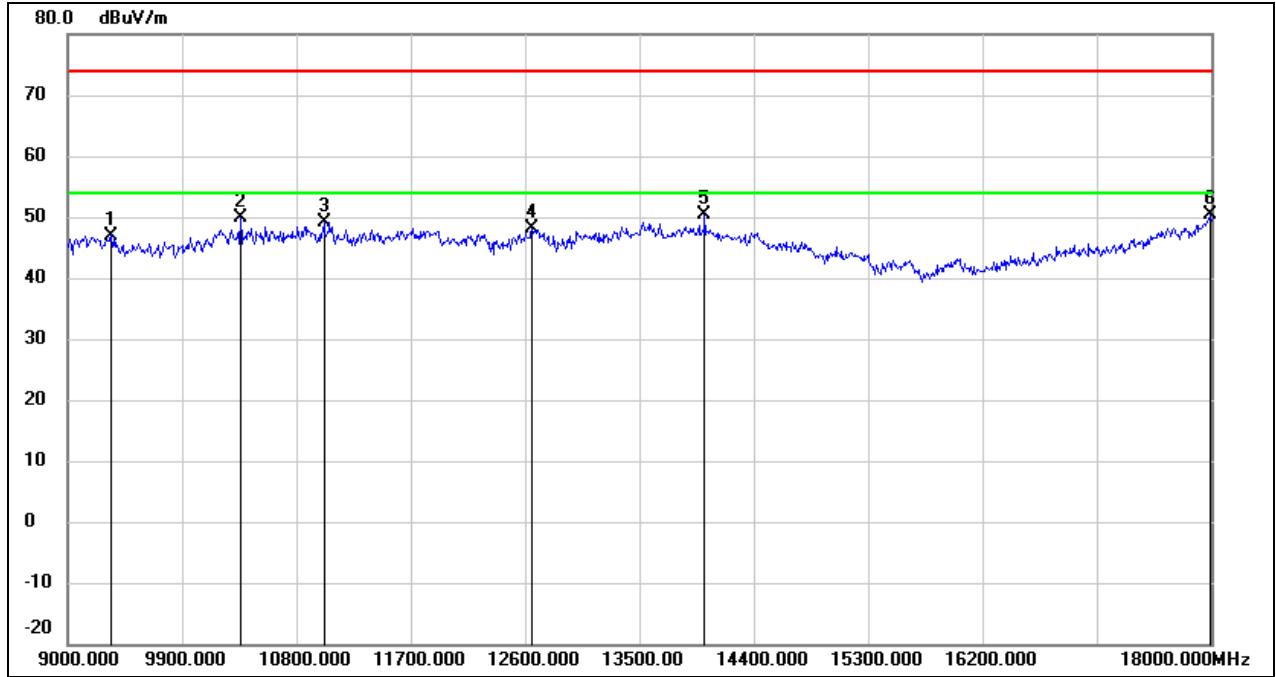
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.48	12.83	50.31	74.00	-23.69	peak
2	11826.000	33.02	17.42	50.44	74.00	-23.56	peak
3	12249.000	32.25	17.72	49.97	74.00	-24.03	peak
4	12627.000	31.85	17.87	49.72	74.00	-24.28	peak
5	13770.000	29.04	21.39	50.43	74.00	-23.57	peak
6	17964.000	25.91	24.92	50.83	74.00	-23.17	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	6885
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



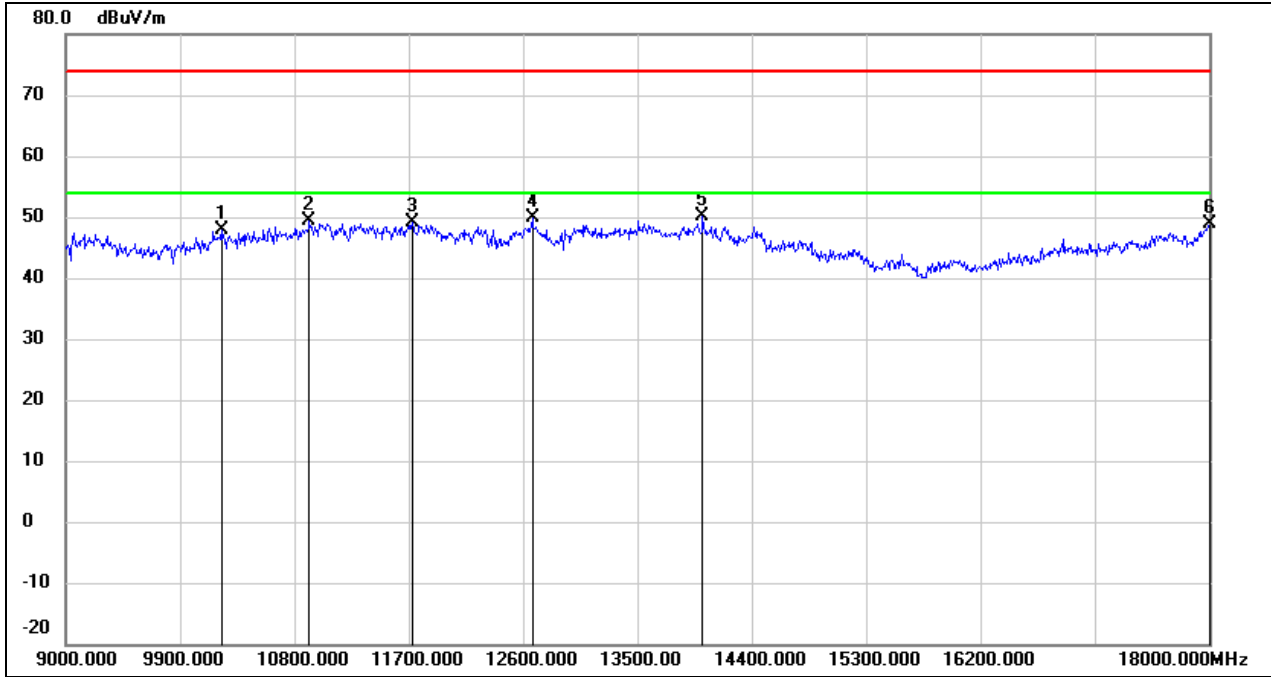
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.88	12.83	48.71	74.00	-25.29	peak
2	10863.000	33.96	14.31	48.27	74.00	-25.73	peak
3	11853.000	31.22	17.50	48.72	74.00	-25.28	peak
4	12663.000	30.66	17.98	48.64	74.00	-25.36	peak
5	13986.000	27.00	21.85	48.85	74.00	-25.15	peak
6	18000.000	24.97	25.16	50.13	74.00	-23.87	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	7005
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



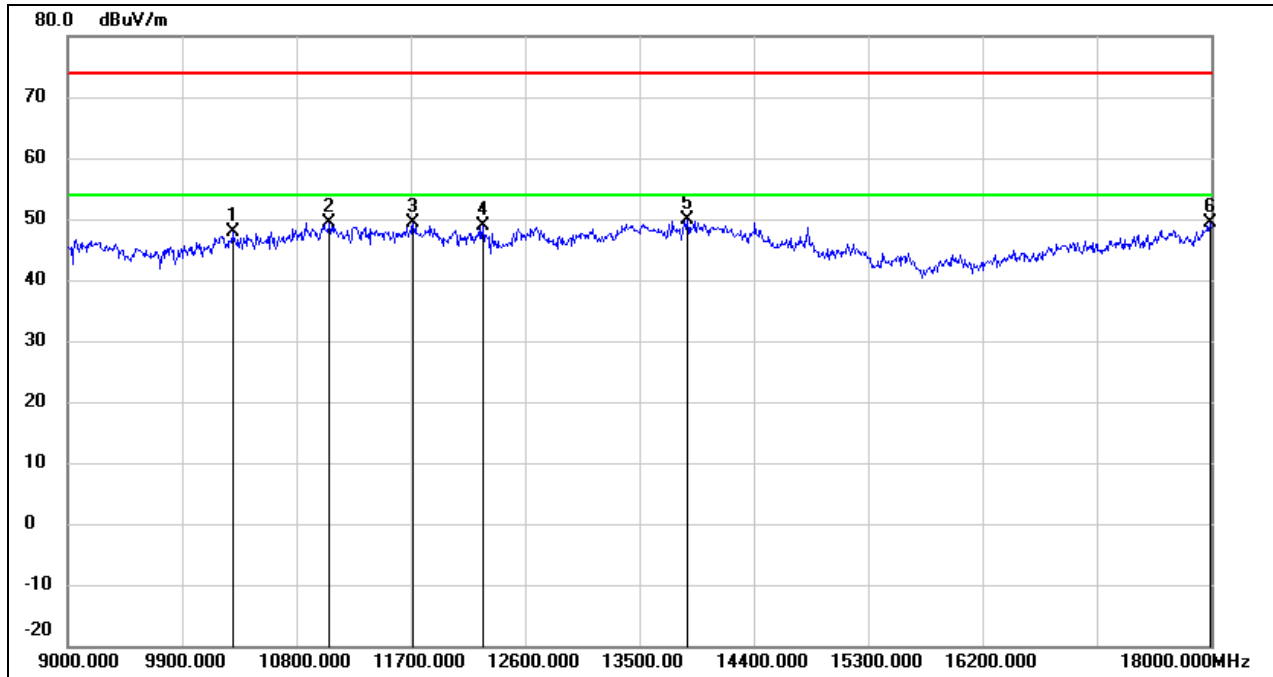
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	36.13	10.87	47.00	74.00	-27.00	peak
2	10359.000	37.03	12.83	49.86	74.00	-24.14	peak
3	11016.000	34.41	14.81	49.22	74.00	-24.78	peak
4	12654.000	30.10	17.94	48.04	74.00	-25.96	peak
5	14013.000	28.68	21.82	50.50	74.00	-23.50	peak
6	17991.000	25.27	25.11	50.38	74.00	-23.62	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	7005
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



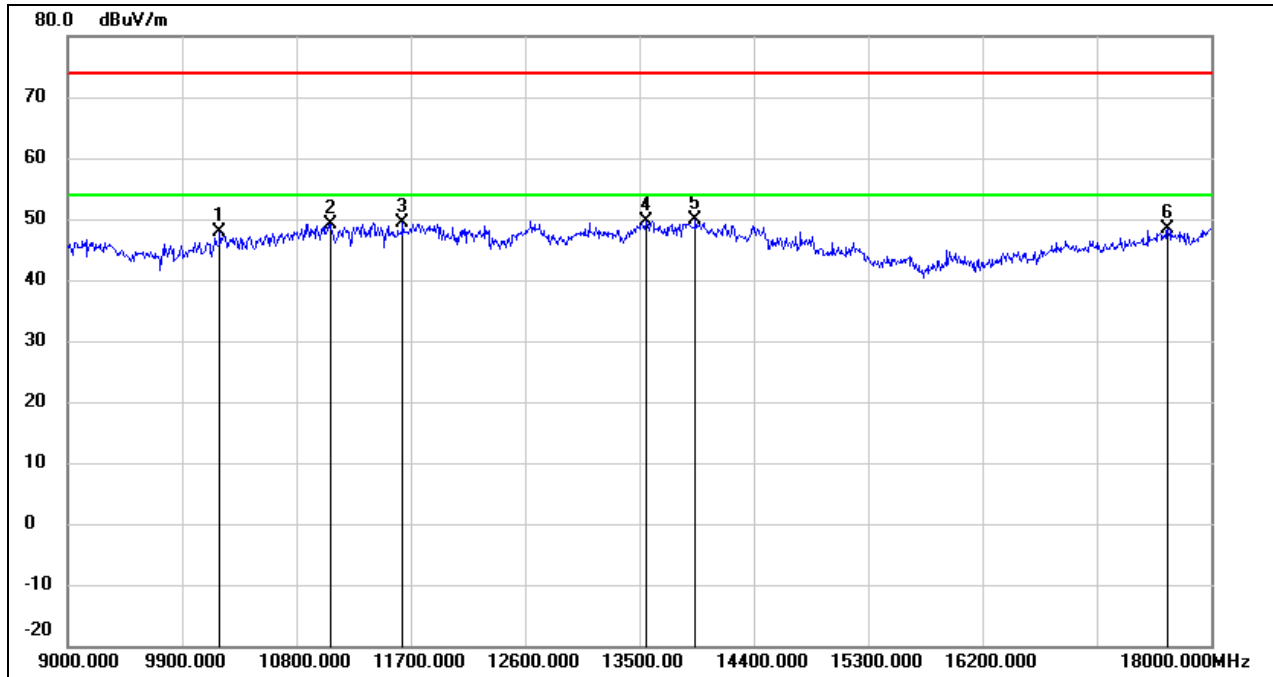
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10224.000	35.40	12.55	47.95	74.00	-26.05	peak
2	10917.000	34.83	14.48	49.31	74.00	-24.69	peak
3	11727.000	31.85	17.16	49.01	74.00	-24.99	peak
4	12672.000	31.95	18.00	49.95	74.00	-24.05	peak
5	14013.000	28.32	21.82	50.14	74.00	-23.86	peak
6	18000.000	23.63	25.16	48.79	74.00	-25.21	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	7085
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



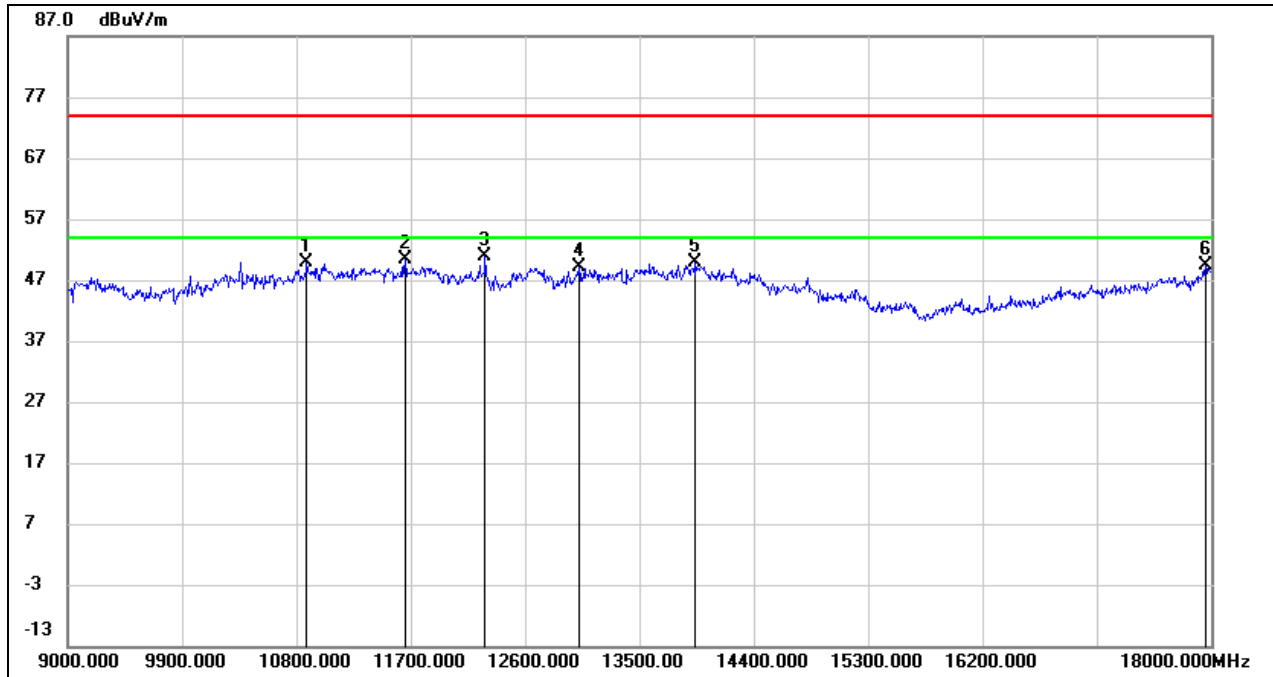
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10296.000	35.22	12.69	47.91	74.00	-26.09	peak
2	11061.000	34.41	14.96	49.37	74.00	-24.63	peak
3	11718.000	32.32	17.13	49.45	74.00	-24.55	peak
4	12267.000	31.08	17.71	48.79	74.00	-25.21	peak
5	13878.000	28.24	21.62	49.86	74.00	-24.14	peak
6	17991.000	24.30	25.11	49.41	74.00	-24.59	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	7085
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



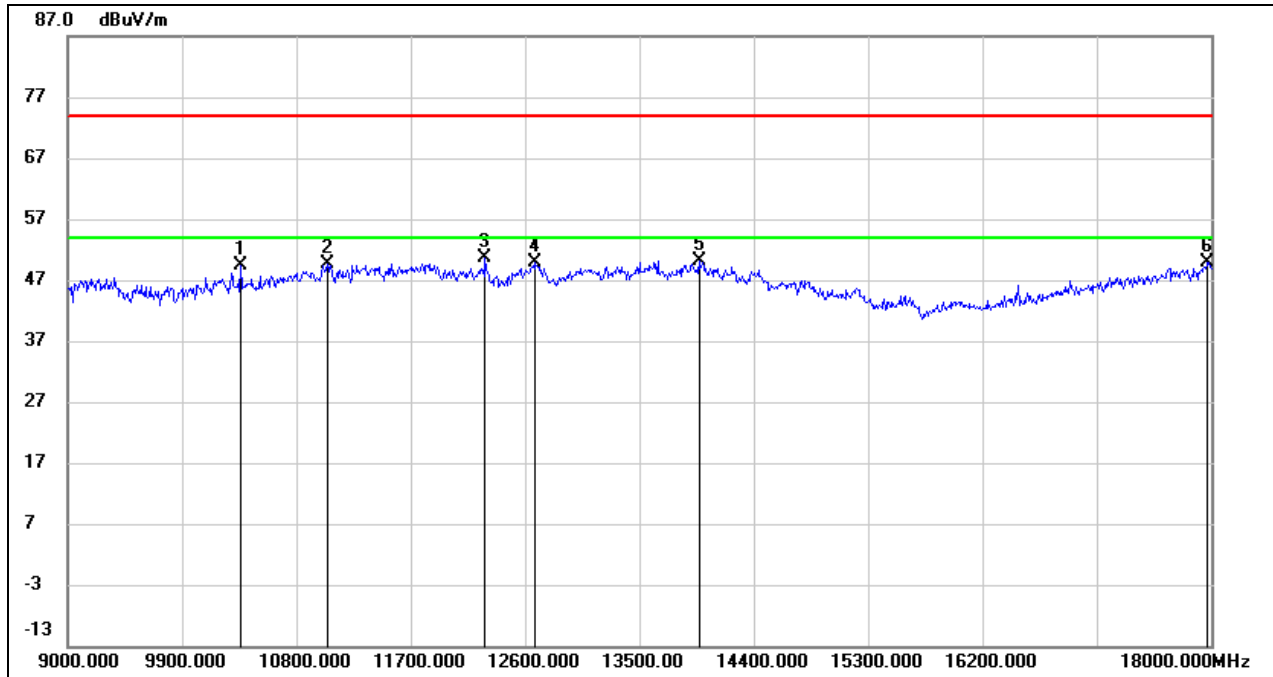
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10197.000	35.40	12.49	47.89	74.00	-26.11	peak
2	11070.000	34.20	15.00	49.20	74.00	-24.80	peak
3	11637.000	32.58	16.91	49.49	74.00	-24.51	peak
4	13554.000	28.81	20.92	49.73	74.00	-24.27	peak
5	13941.000	28.06	21.75	49.81	74.00	-24.19	peak
6	17658.000	25.50	22.97	48.47	74.00	-25.53	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6145
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10881.000	35.43	14.35	49.78	74.00	-24.22	peak
2	11655.000	33.55	16.95	50.50	74.00	-23.50	peak
3	12285.000	33.19	17.69	50.88	74.00	-23.12	peak
4	13023.000	30.07	18.98	49.05	74.00	-24.95	peak
5	13941.000	28.13	21.75	49.88	74.00	-24.12	peak
6	17955.000	24.44	24.87	49.31	74.00	-24.69	peak

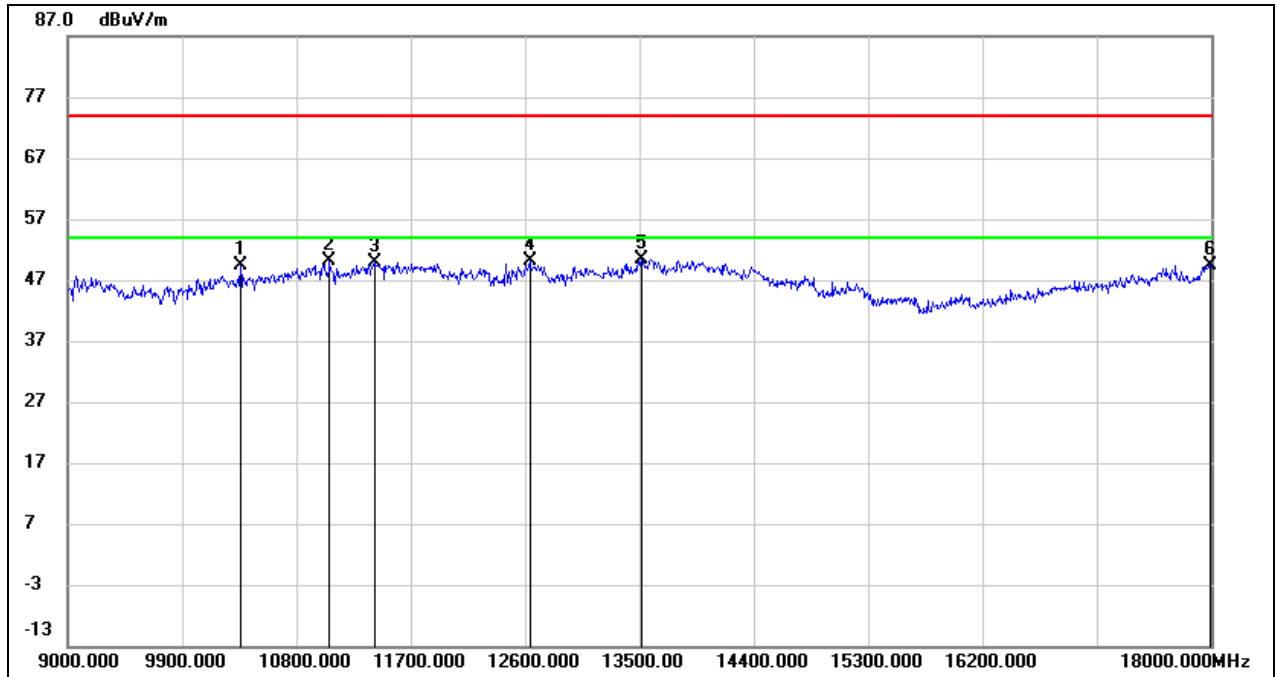
Test Mode:	802.11be EHT80	Frequency(MHz):	6145
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.65	12.83	49.48	74.00	-24.52	peak
2	11043.000	34.75	14.90	49.65	74.00	-24.35	peak
3	12285.000	32.83	17.69	50.52	74.00	-23.48	peak
4	12672.000	31.95	18.00	49.95	74.00	-24.05	peak
5	13968.000	28.42	21.81	50.23	74.00	-23.77	peak
6	17973.000	24.87	24.99	49.86	74.00	-24.14	peak

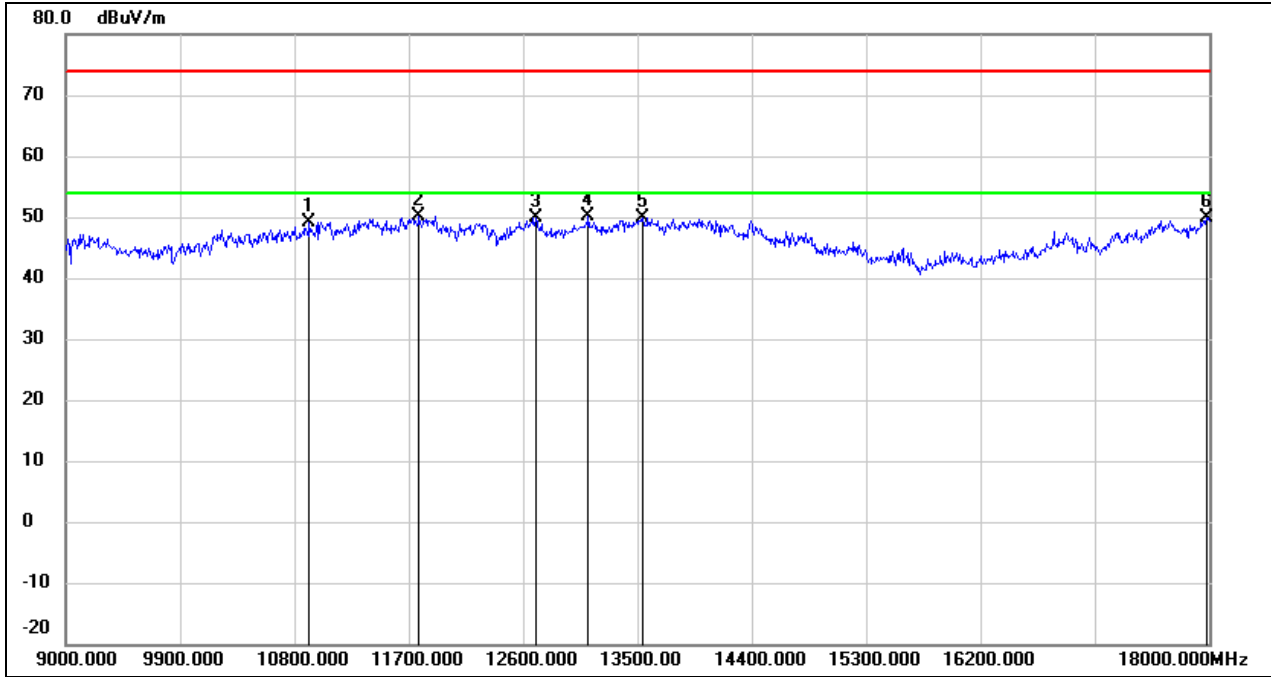


Test Mode:	802.11be EHT80	Frequency(MHz):	6225
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



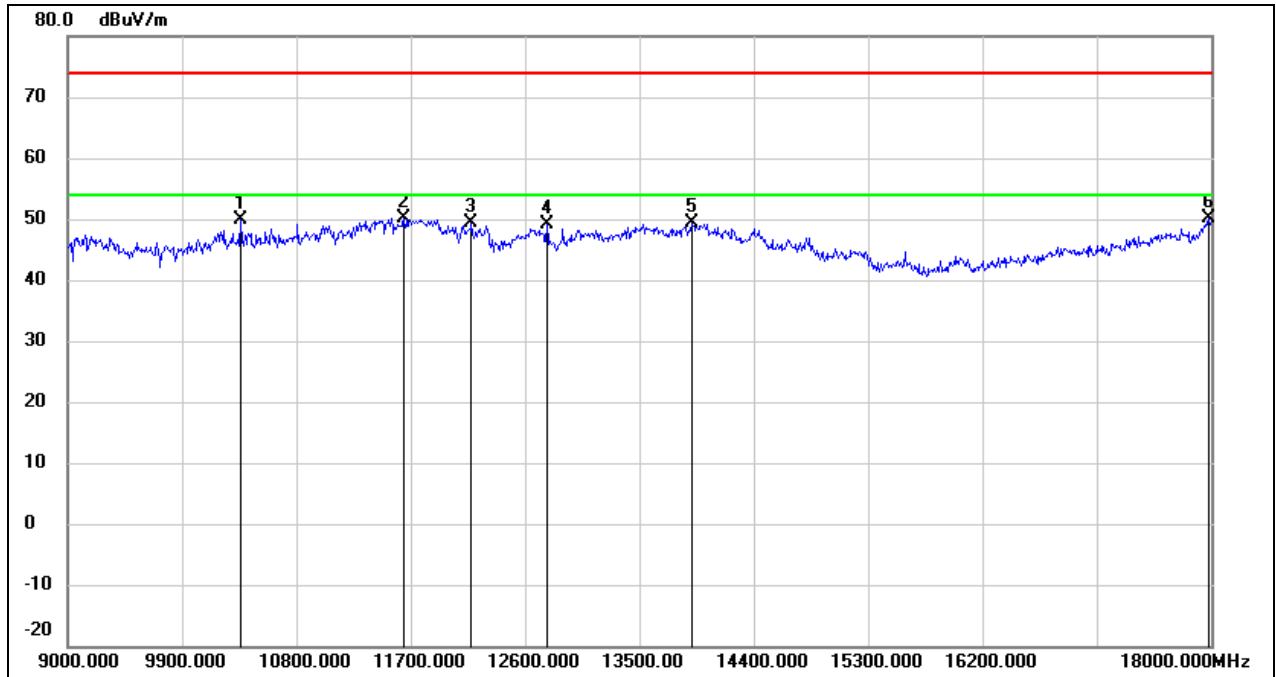
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.59	12.83	49.42	74.00	-24.58	peak
2	11061.000	35.09	14.96	50.05	74.00	-23.95	peak
3	11412.000	33.67	16.22	49.89	74.00	-24.11	peak
4	12636.000	32.28	17.90	50.18	74.00	-23.82	peak
5	13518.000	29.57	20.85	50.42	74.00	-23.58	peak
6	17991.000	24.39	25.11	49.50	74.00	-24.50	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6225
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



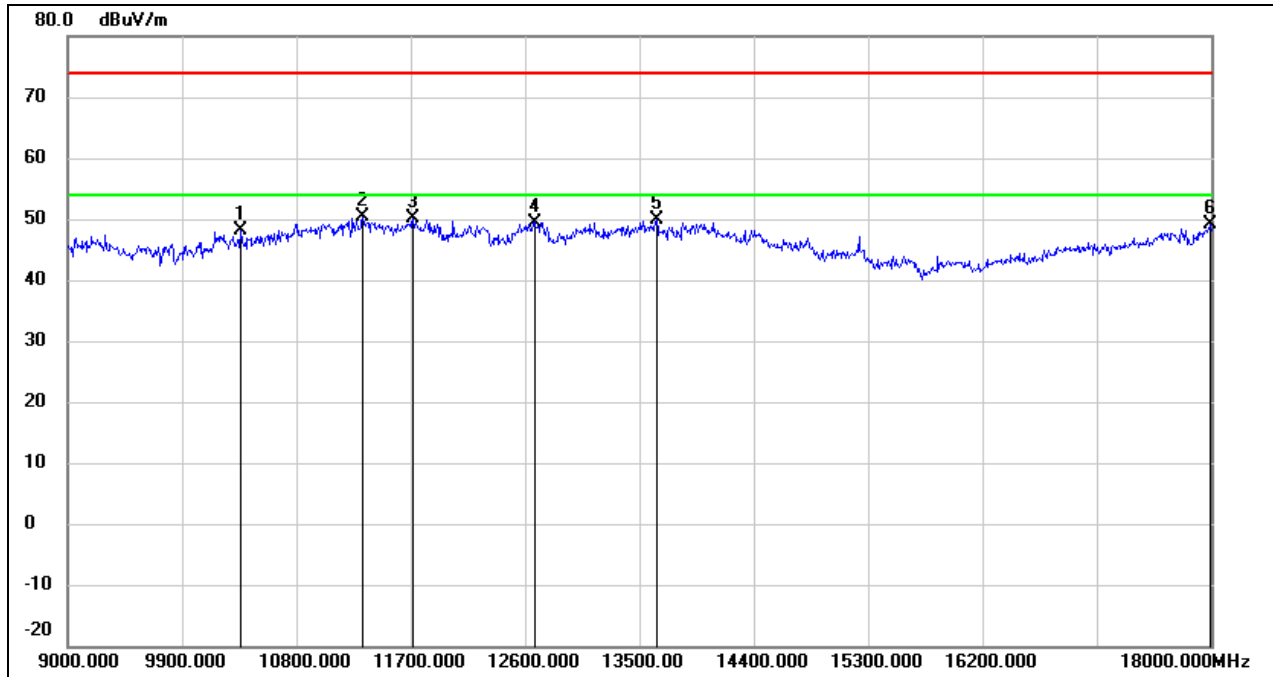
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10917.000	34.72	14.48	49.20	74.00	-24.80	peak
2	11781.000	32.80	17.30	50.10	74.00	-23.90	peak
3	12699.000	31.78	18.07	49.85	74.00	-24.15	peak
4	13113.000	30.87	19.33	50.20	74.00	-23.80	peak
5	13536.000	28.98	20.90	49.88	74.00	-24.12	peak
6	17982.000	24.90	25.04	49.94	74.00	-24.06	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6385
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



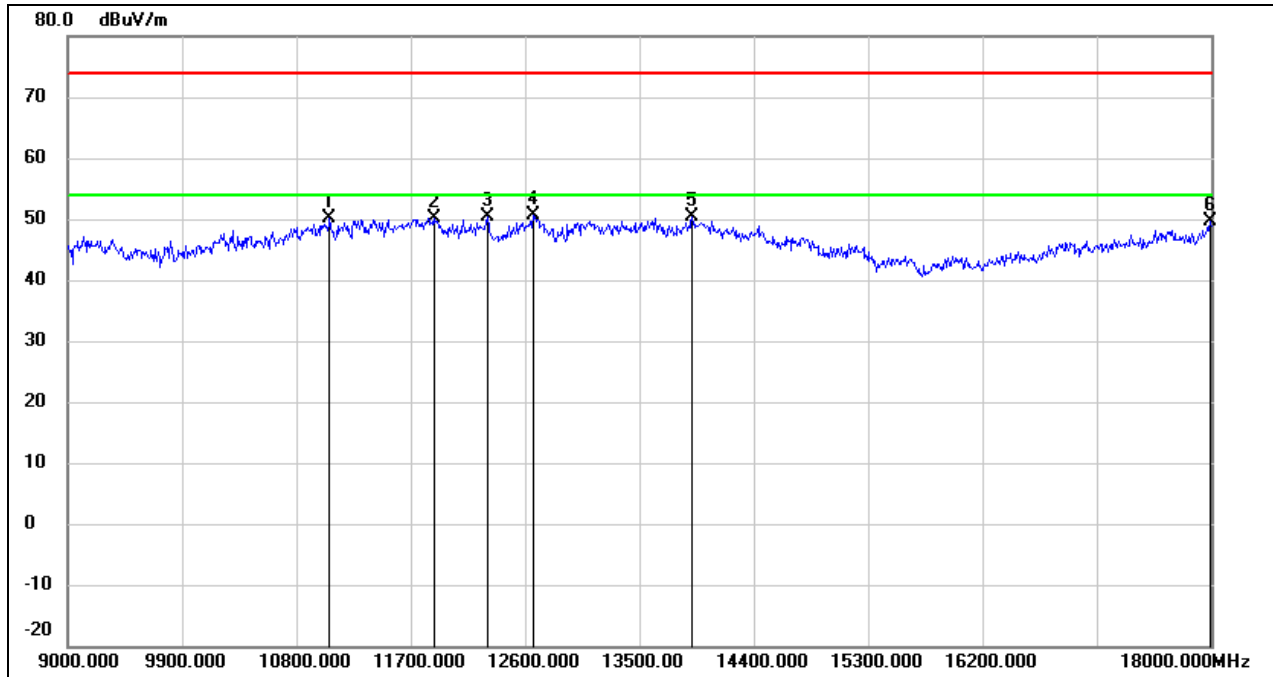
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.06	12.83	49.89	74.00	-24.11	peak
2	11646.000	33.15	16.94	50.09	74.00	-23.91	peak
3	12177.000	31.53	17.77	49.30	74.00	-24.70	peak
4	12771.000	30.94	18.27	49.21	74.00	-24.79	peak
5	13914.000	27.69	21.69	49.38	74.00	-24.62	peak
6	17982.000	25.16	25.04	50.20	74.00	-23.80	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6385
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



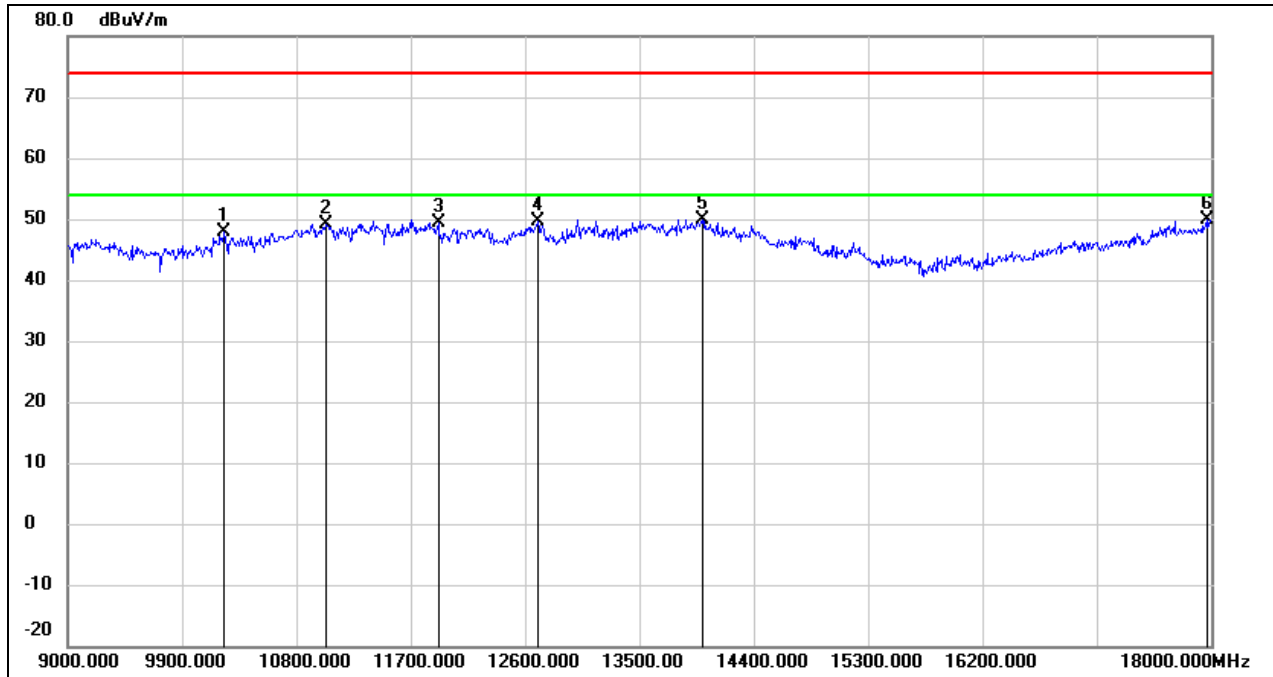
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.18	12.83	48.01	74.00	-25.99	peak
2	11322.000	34.54	15.90	50.44	74.00	-23.56	peak
3	11718.000	32.96	17.13	50.09	74.00	-23.91	peak
4	12672.000	31.50	18.00	49.50	74.00	-24.50	peak
5	13635.000	28.77	21.10	49.87	74.00	-24.13	peak
6	17991.000	23.97	25.11	49.08	74.00	-24.92	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6465
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



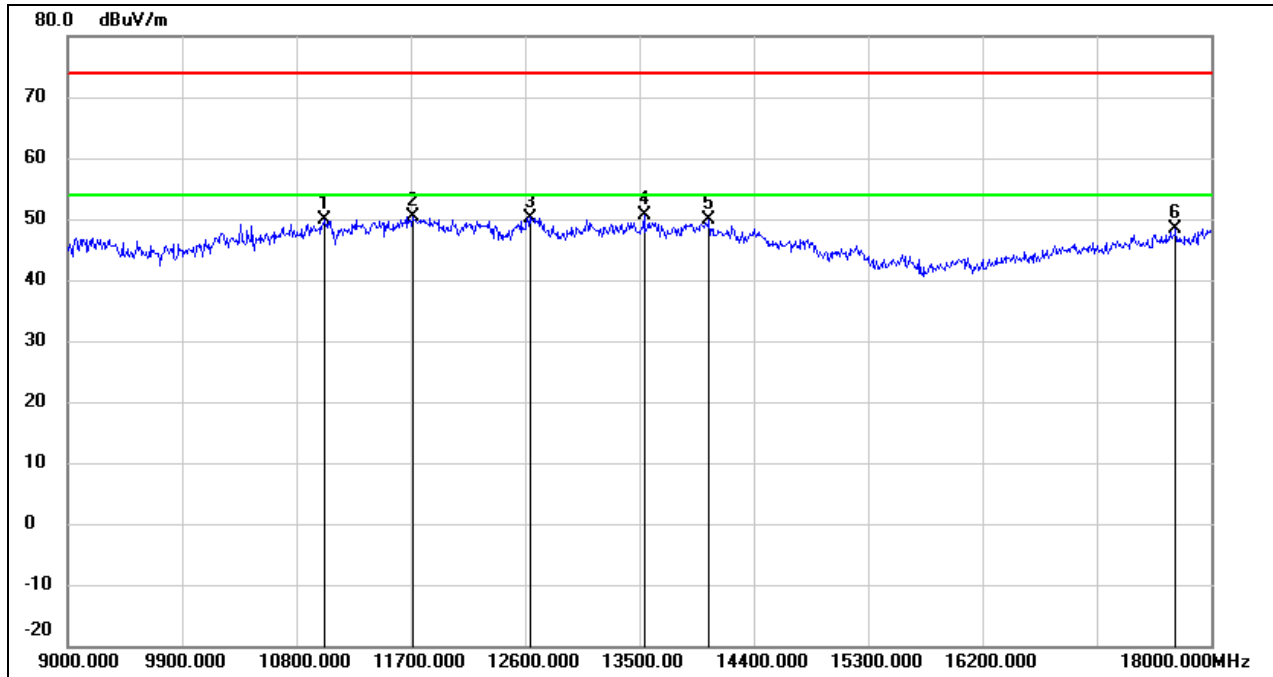
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11061.000	35.10	14.96	50.06	74.00	-23.94	peak
2	11880.000	32.51	17.58	50.09	74.00	-23.91	peak
3	12303.000	32.76	17.68	50.44	74.00	-23.56	peak
4	12663.000	32.54	17.98	50.52	74.00	-23.48	peak
5	13914.000	28.65	21.69	50.34	74.00	-23.66	peak
6	17991.000	24.57	25.11	49.68	74.00	-24.32	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6465
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



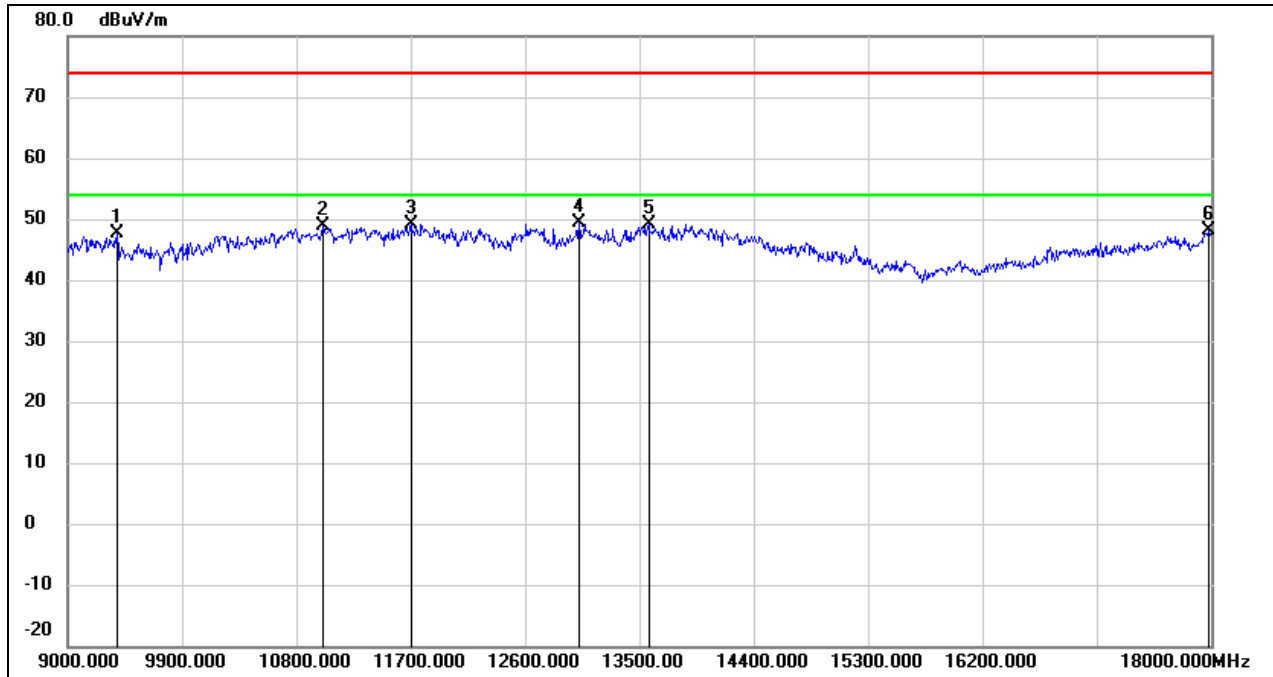
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	35.29	12.57	47.86	74.00	-26.14	peak
2	11034.000	34.30	14.87	49.17	74.00	-24.83	peak
3	11916.000	31.67	17.68	49.35	74.00	-24.65	peak
4	12699.000	31.62	18.07	49.69	74.00	-24.31	peak
5	13995.000	28.02	21.87	49.89	74.00	-24.11	peak
6	17964.000	24.92	24.92	49.84	74.00	-24.16	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6545
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11016.000	35.08	14.81	49.89	74.00	-24.11	peak
2	11718.000	33.35	17.13	50.48	74.00	-23.52	peak
3	12636.000	32.35	17.90	50.25	74.00	-23.75	peak
4	13536.000	29.77	20.90	50.67	74.00	-23.33	peak
5	14049.000	28.20	21.66	49.86	74.00	-24.14	peak
6	17721.000	24.96	23.38	48.34	74.00	-25.66	peak

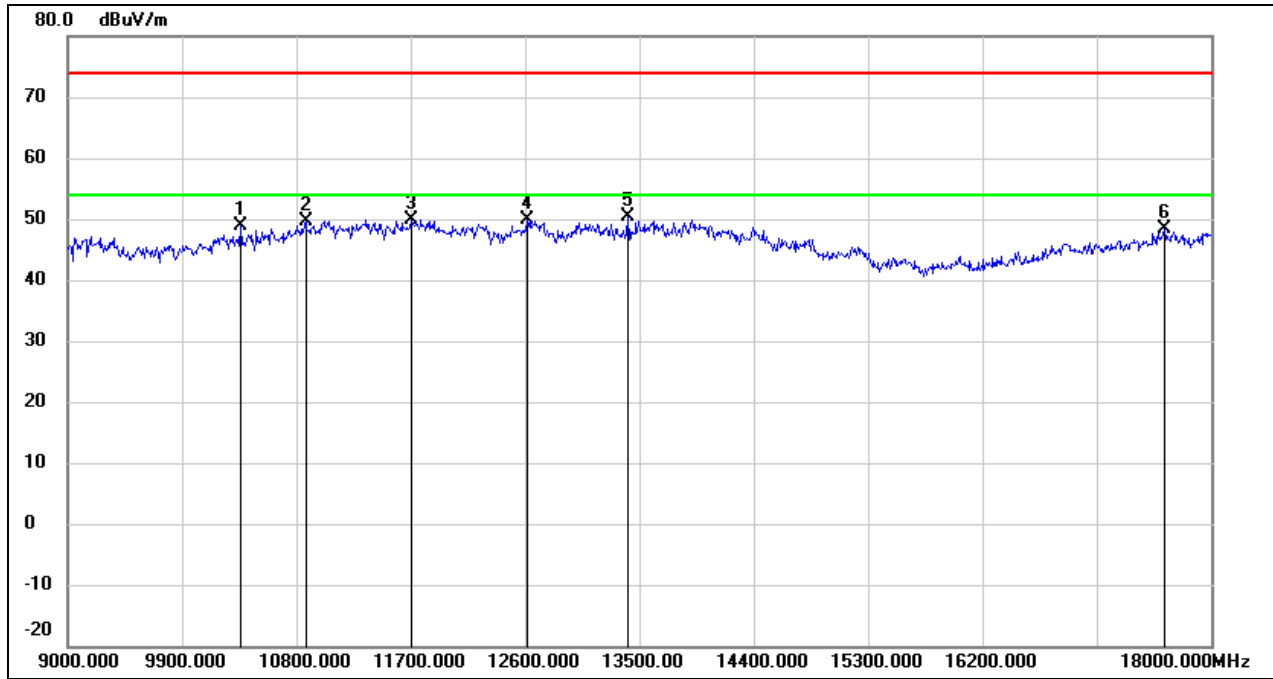
Test Mode:	802.11be EHT80	Frequency(MHz):	6545
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9387.000	36.77	10.88	47.65	74.00	-26.35	peak
2	11007.000	34.07	14.77	48.84	74.00	-25.16	peak
3	11700.000	32.09	17.08	49.17	74.00	-24.83	peak
4	13023.000	30.38	18.98	49.36	74.00	-24.64	peak
5	13572.000	28.22	20.96	49.18	74.00	-24.82	peak
6	17982.000	23.01	25.04	48.05	74.00	-25.95	peak

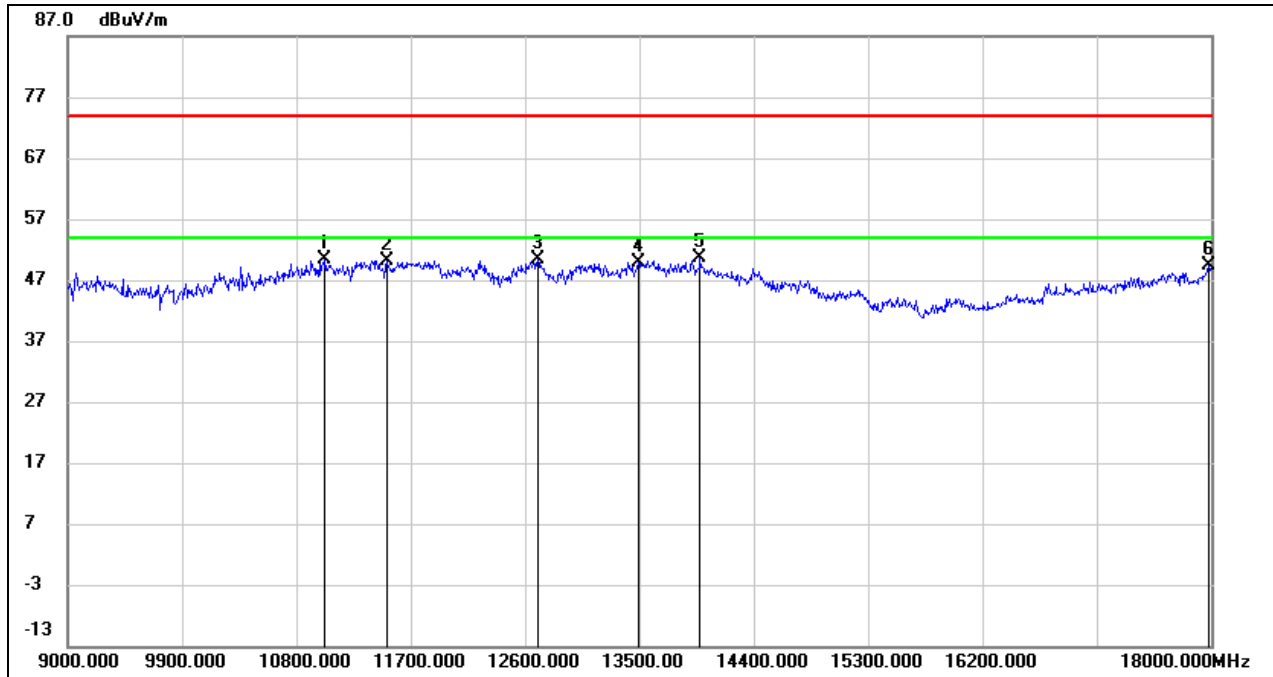


Test Mode:	802.11be EHT80	Frequency(MHz):	6705
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



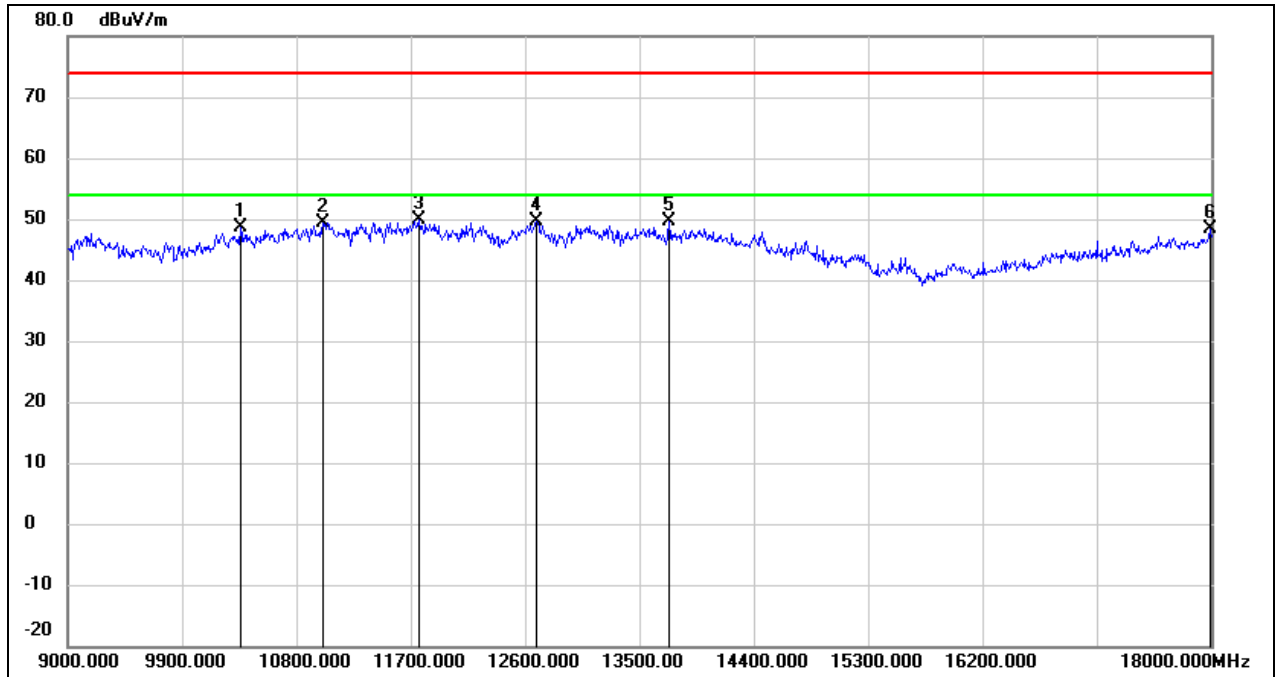
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.07	12.83	48.90	74.00	-25.10	peak
2	10872.000	35.41	14.33	49.74	74.00	-24.26	peak
3	11709.000	32.82	17.11	49.93	74.00	-24.07	peak
4	12618.000	32.00	17.84	49.84	74.00	-24.16	peak
5	13410.000	29.95	20.46	50.41	74.00	-23.59	peak
6	17631.000	25.63	22.81	48.44	74.00	-25.56	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6705
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



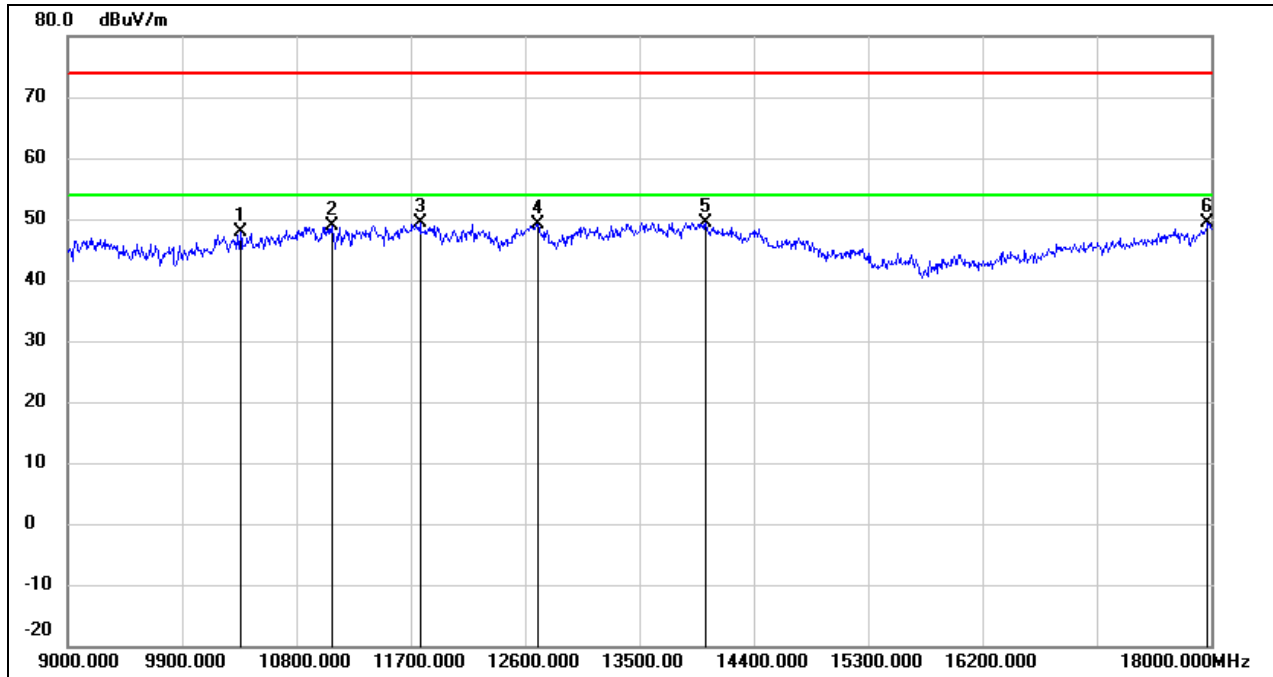
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11025.000	35.59	14.83	50.42	74.00	-23.58	peak
2	11511.000	33.69	16.56	50.25	74.00	-23.75	peak
3	12699.000	32.21	18.07	50.28	74.00	-23.72	peak
4	13491.000	29.06	20.77	49.83	74.00	-24.17	peak
5	13977.000	28.87	21.83	50.70	74.00	-23.30	peak
6	17982.000	24.29	25.04	49.33	74.00	-24.67	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6865
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



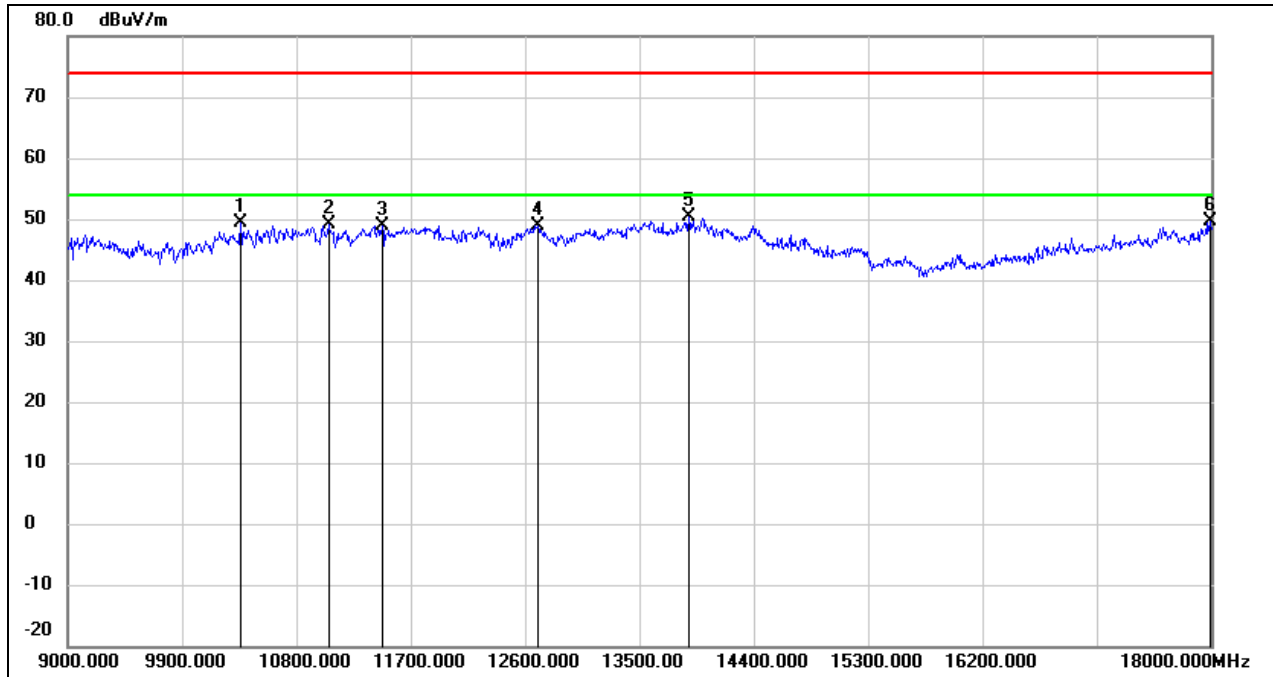
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.91	12.83	48.74	74.00	-25.26	peak
2	11007.000	34.67	14.77	49.44	74.00	-24.56	peak
3	11763.000	32.72	17.26	49.98	74.00	-24.02	peak
4	12690.000	31.52	18.05	49.57	74.00	-24.43	peak
5	13734.000	28.36	21.31	49.67	74.00	-24.33	peak
6	17991.000	23.17	25.11	48.28	74.00	-25.72	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6865
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



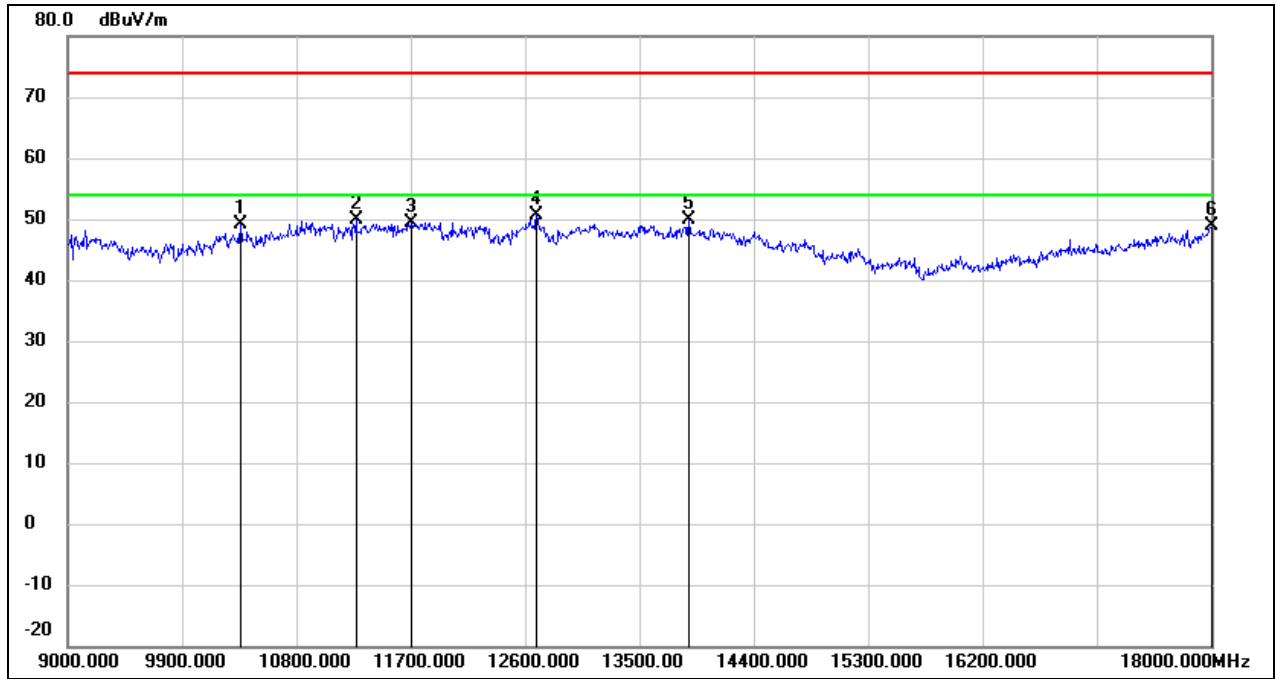
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.14	12.83	47.97	74.00	-26.03	peak
2	11079.000	33.92	15.03	48.95	74.00	-25.05	peak
3	11772.000	32.13	17.28	49.41	74.00	-24.59	peak
4	12699.000	31.15	18.07	49.22	74.00	-24.78	peak
5	14022.000	27.48	21.79	49.27	74.00	-24.73	peak
6	17973.000	24.43	24.99	49.42	74.00	-24.58	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6945
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



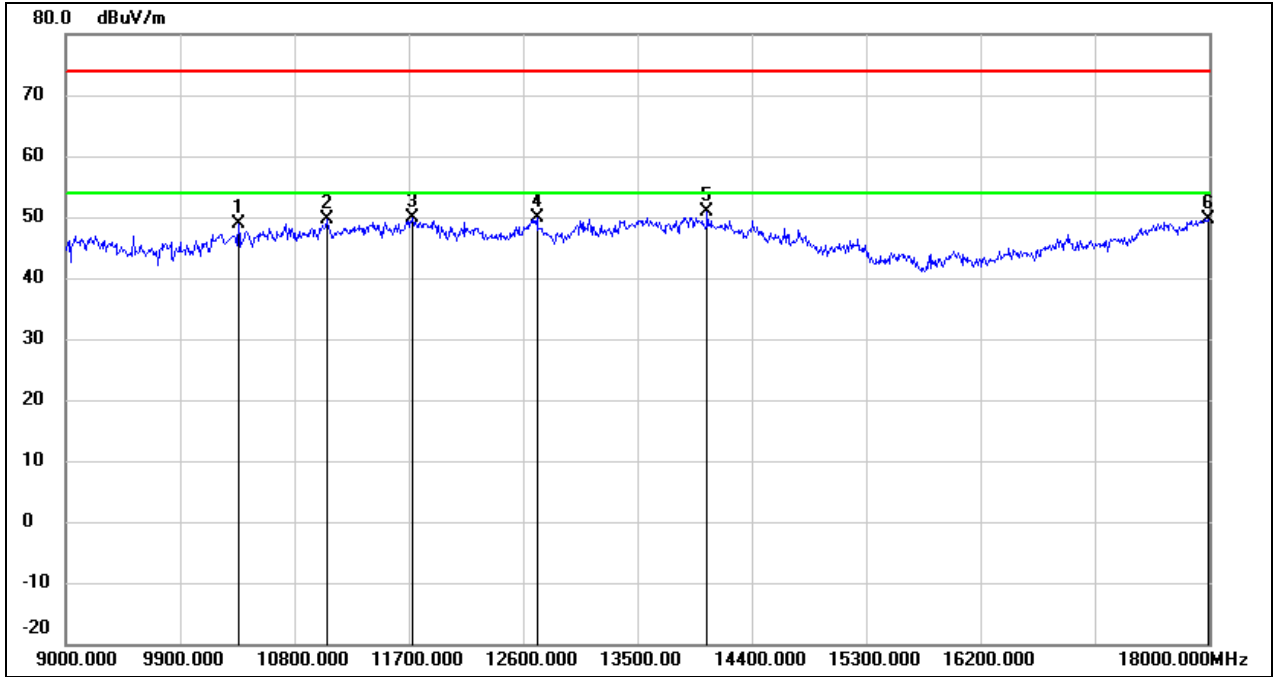
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.48	12.83	49.31	74.00	-24.69	peak
2	11052.000	34.13	14.94	49.07	74.00	-24.93	peak
3	11475.000	32.42	16.44	48.86	74.00	-25.14	peak
4	12699.000	30.92	18.07	48.99	74.00	-25.01	peak
5	13887.000	28.71	21.64	50.35	74.00	-23.65	peak
6	17991.000	24.46	25.11	49.57	74.00	-24.43	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	6945
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



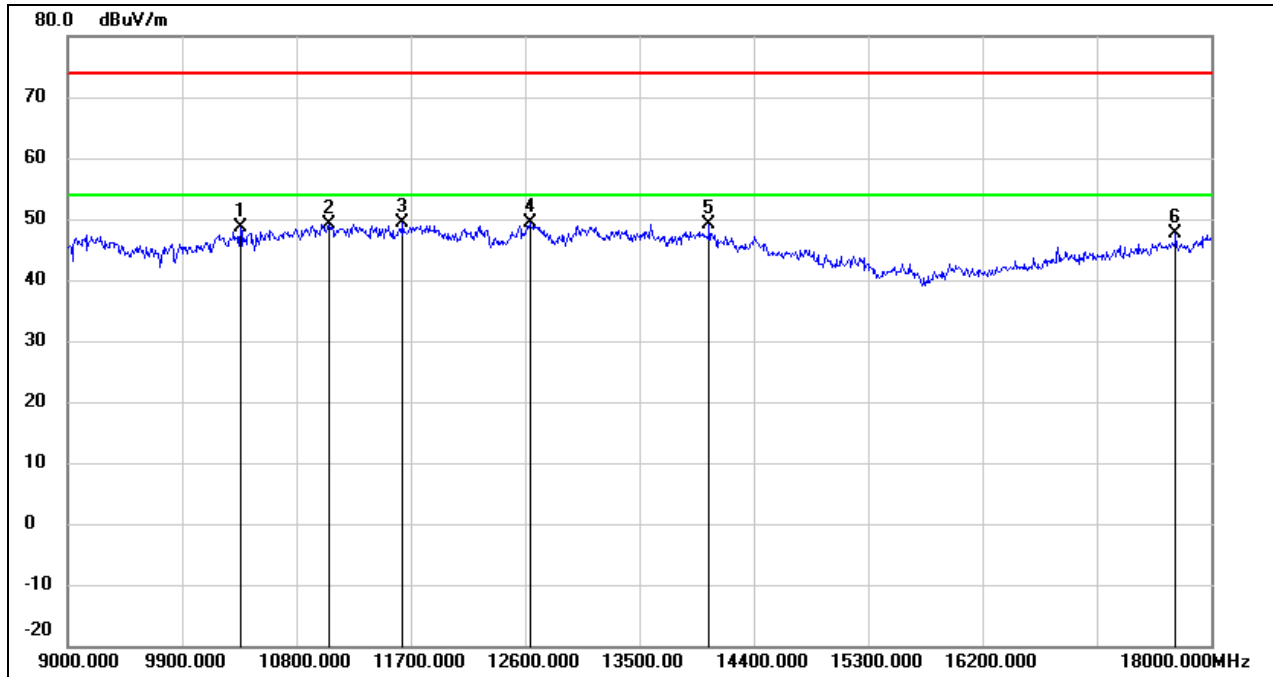
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.22	12.83	49.05	74.00	-24.95	peak
2	11268.000	34.06	15.71	49.77	74.00	-24.23	peak
3	11700.000	32.31	17.08	49.39	74.00	-24.61	peak
4	12690.000	32.62	18.05	50.67	74.00	-23.33	peak
5	13887.000	28.26	21.64	49.90	74.00	-24.10	peak
6	18000.000	23.75	25.16	48.91	74.00	-25.09	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	7025
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



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	11061.000	34.64	14.96	49.60	74.00	-24.40	peak
3	11727.000	32.63	17.16	49.79	74.00	-24.21	peak
4	12708.000	31.72	18.10	49.82	74.00	-24.18	peak
5	14049.000	29.10	21.66	50.76	74.00	-23.24	peak
6	17991.000	24.57	25.11	49.68	74.00	-24.32	peak

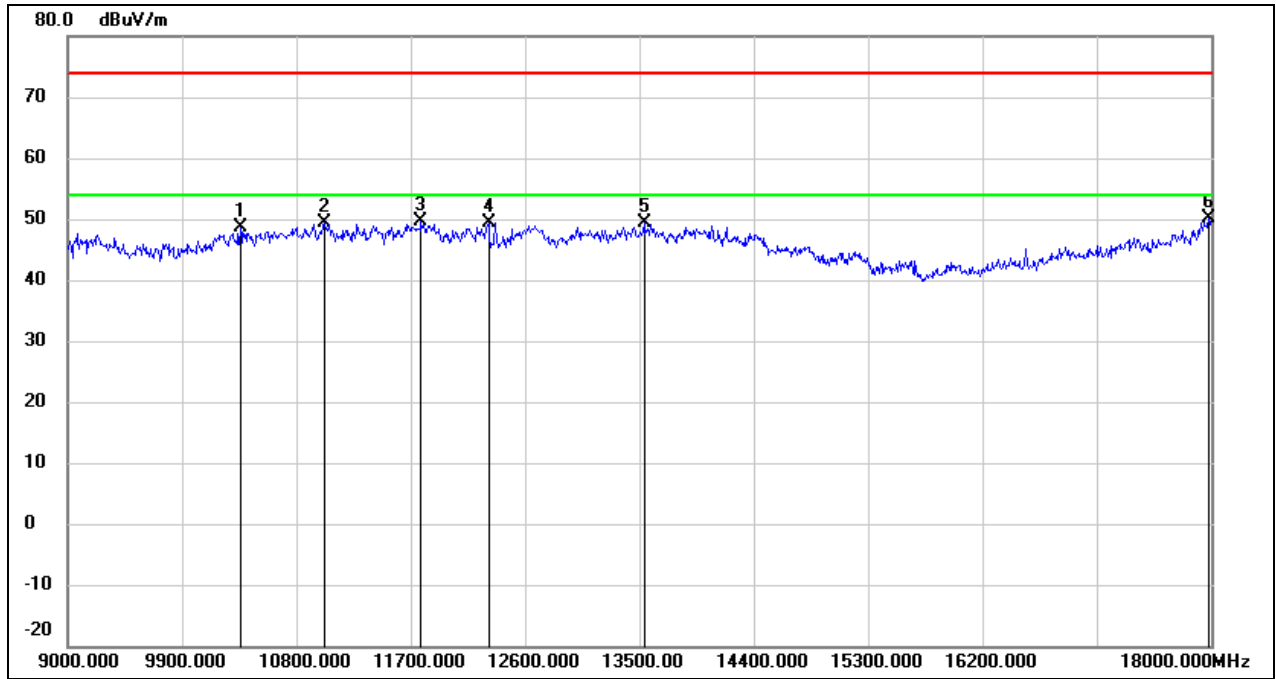
Test Mode:	802.11be EHT80	Frequency(MHz):	7025
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.72	12.83	48.55	74.00	-25.45	peak
2	11061.000	34.25	14.96	49.21	74.00	-24.79	peak
3	11637.000	32.51	16.91	49.42	74.00	-24.58	peak
4	12636.000	31.44	17.90	49.34	74.00	-24.66	peak
5	14049.000	27.46	21.66	49.12	74.00	-24.88	peak
6	17721.000	24.22	23.38	47.60	74.00	-26.40	peak

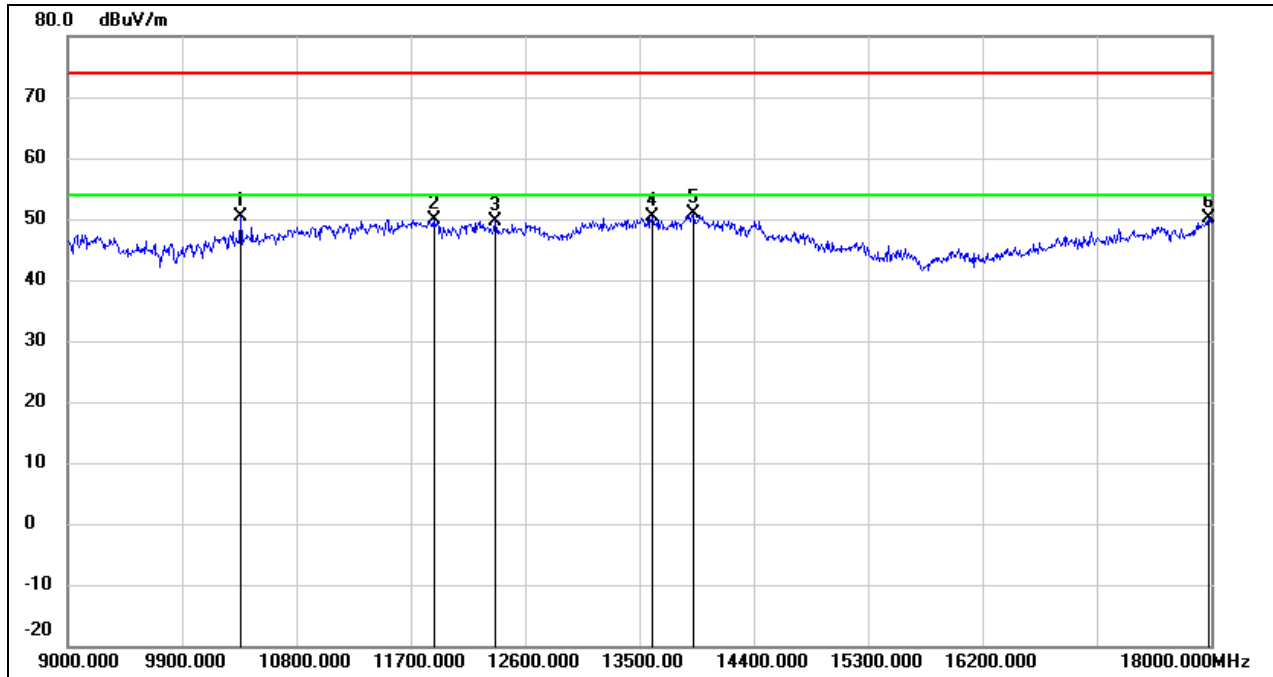


Test Mode:	802.11be EHT160	Frequency(MHz):	6185
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



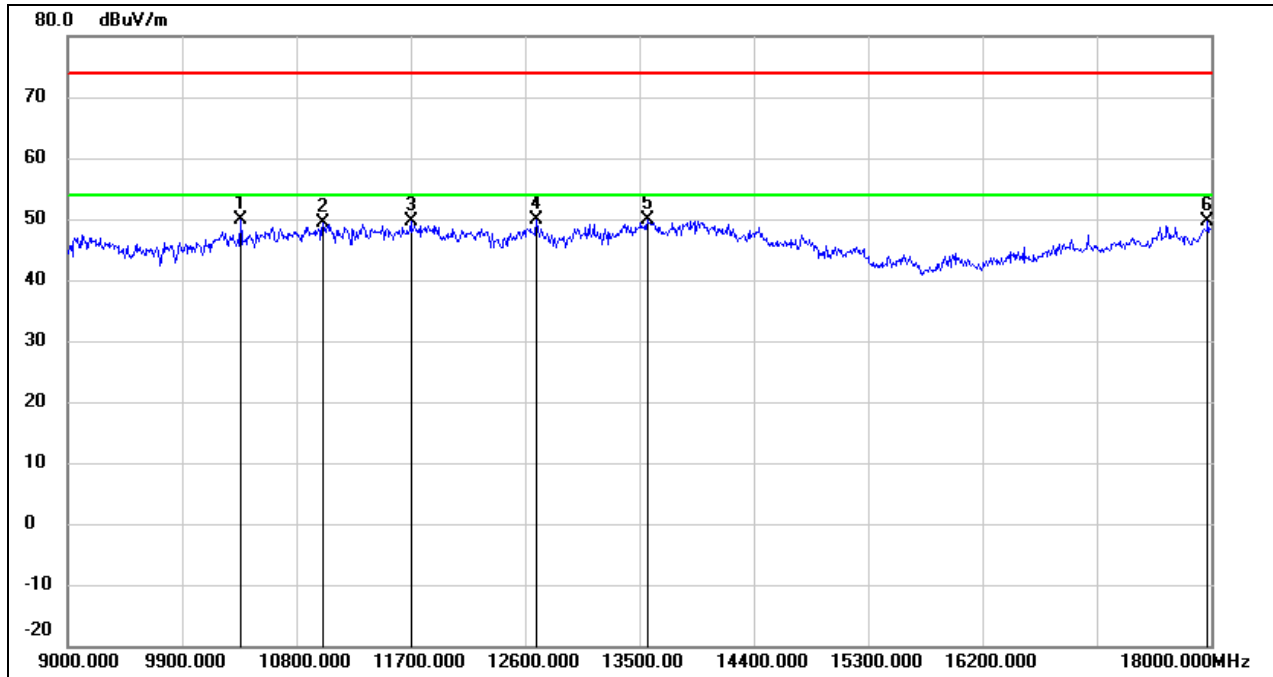
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.79	12.83	48.62	74.00	-25.38	peak
2	11016.000	34.46	14.81	49.27	74.00	-24.73	peak
3	11781.000	32.25	17.30	49.55	74.00	-24.45	peak
4	12312.000	31.68	17.67	49.35	74.00	-24.65	peak
5	13536.000	28.57	20.90	49.47	74.00	-24.53	peak
6	17982.000	25.21	25.04	50.25	74.00	-23.75	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6185
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



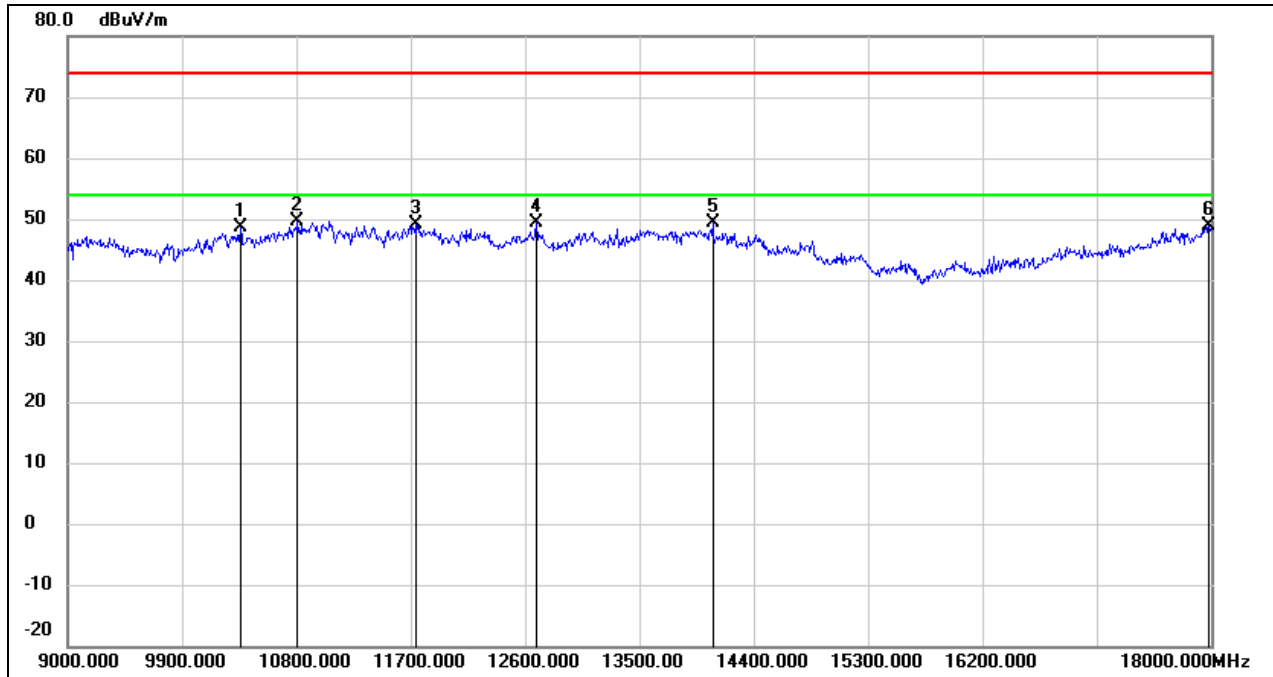
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.45	12.83	50.28	74.00	-23.72	peak
2	11880.000	32.42	17.58	50.00	74.00	-24.00	peak
3	12366.000	32.12	17.63	49.75	74.00	-24.25	peak
4	13599.000	29.24	21.02	50.26	74.00	-23.74	peak
5	13923.000	29.07	21.72	50.79	74.00	-23.21	peak
6	17982.000	25.12	25.04	50.16	74.00	-23.84	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6345
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



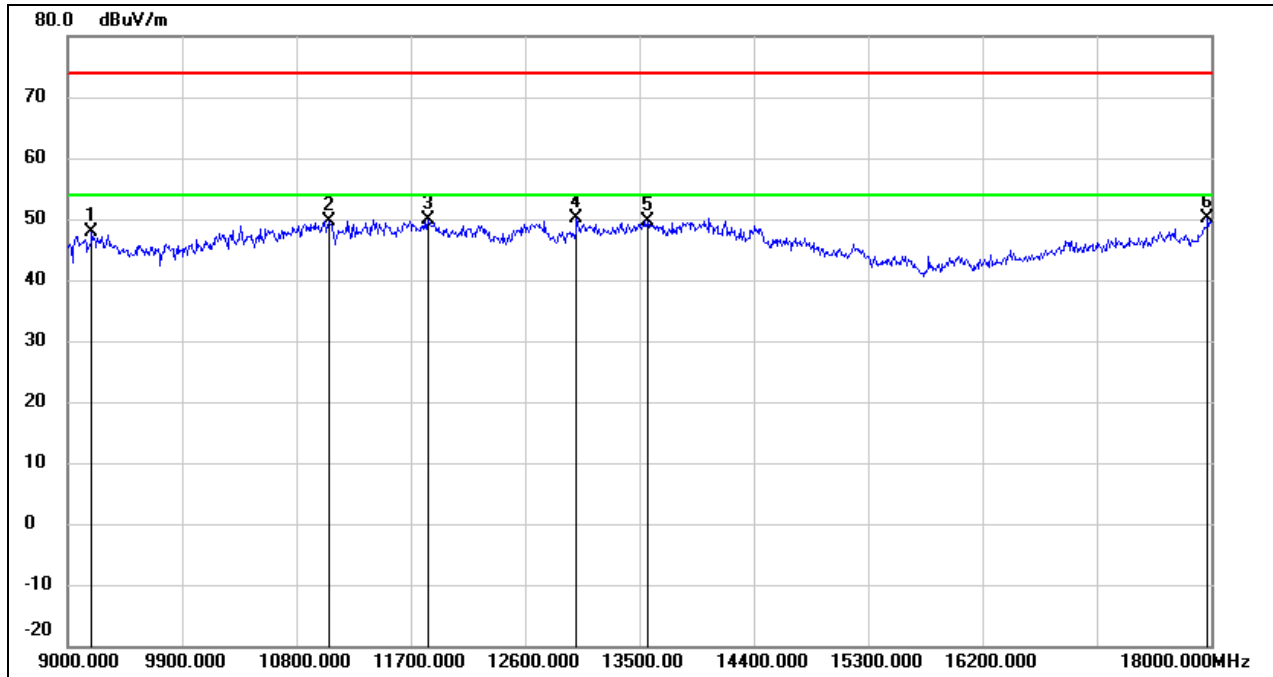
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.14	12.83	49.97	74.00	-24.03	peak
2	11007.000	34.70	14.77	49.47	74.00	-24.53	peak
3	11700.000	32.48	17.08	49.56	74.00	-24.44	peak
4	12690.000	31.78	18.05	49.83	74.00	-24.17	peak
5	13563.000	28.93	20.94	49.87	74.00	-24.13	peak
6	17973.000	24.63	24.99	49.62	74.00	-24.38	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6345
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



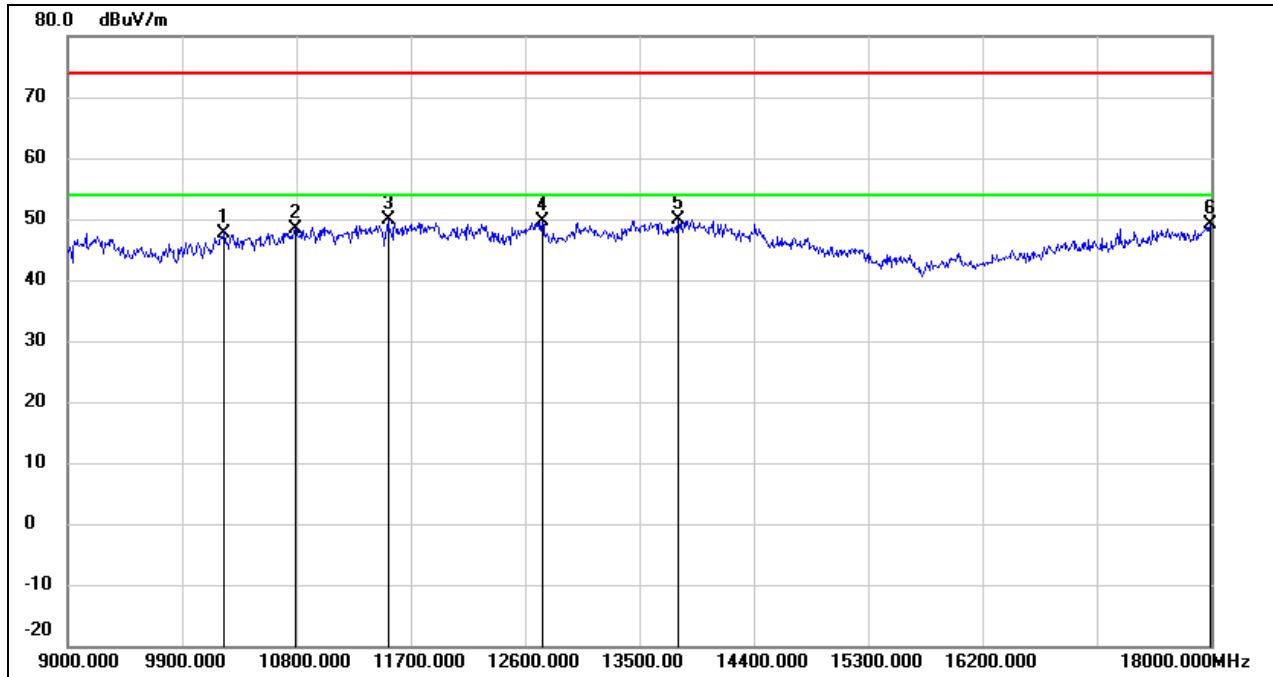
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.81	12.83	48.64	74.00	-25.36	peak
2	10809.000	35.47	14.12	49.59	74.00	-24.41	peak
3	11736.000	31.96	17.18	49.14	74.00	-24.86	peak
4	12690.000	31.28	18.05	49.33	74.00	-24.67	peak
5	14076.000	27.72	21.54	49.26	74.00	-24.74	peak
6	17982.000	23.89	25.04	48.93	74.00	-25.07	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6505
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



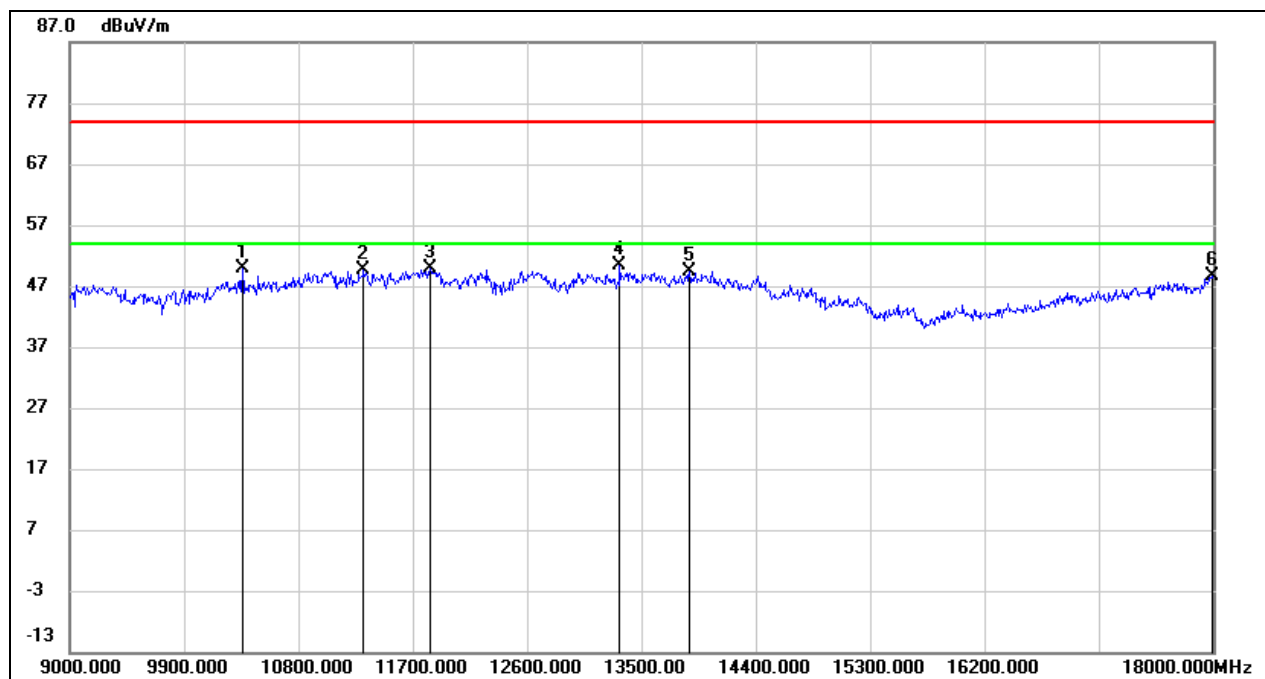
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.95	10.84	47.79	74.00	-26.21	peak
2	11052.000	34.80	14.94	49.74	74.00	-24.26	peak
3	11835.000	32.41	17.46	49.87	74.00	-24.13	peak
4	13005.000	31.19	18.91	50.10	74.00	-23.90	peak
5	13563.000	28.69	20.94	49.63	74.00	-24.37	peak
6	17973.000	25.14	24.99	50.13	74.00	-23.87	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6505
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



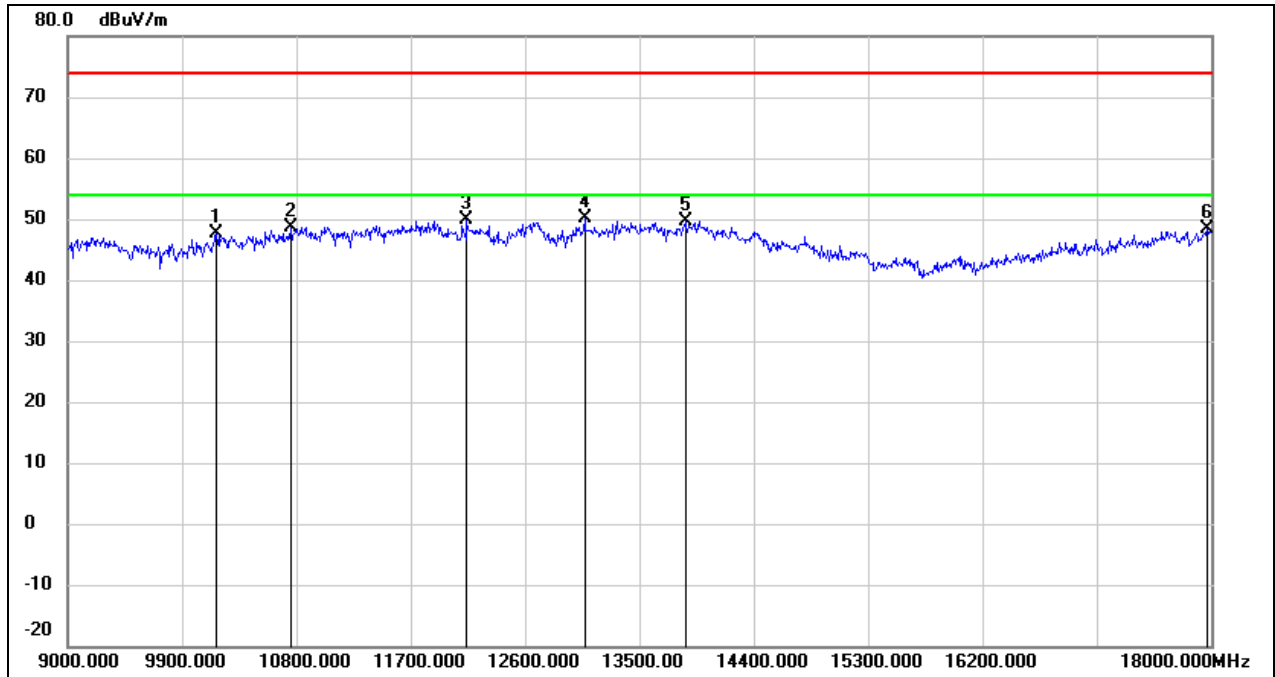
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	35.18	12.57	47.75	74.00	-26.25	peak
2	10791.000	34.19	14.07	48.26	74.00	-25.74	peak
3	11520.000	33.20	16.59	49.79	74.00	-24.21	peak
4	12735.000	31.46	18.17	49.63	74.00	-24.37	peak
5	13806.000	28.38	21.46	49.84	74.00	-24.16	peak
6	17991.000	23.90	25.11	49.01	74.00	-24.99	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6665
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	37.16	12.83	49.99	74.00	-24.01	peak
2	11313.000	33.84	15.86	49.70	74.00	-24.30	peak
3	11835.000	32.53	17.46	49.99	74.00	-24.01	peak
4	13329.000	30.17	20.15	50.32	74.00	-23.68	peak
5	13878.000	27.73	21.62	49.35	74.00	-24.65	peak
6	17991.000	23.56	25.11	48.67	74.00	-25.33	peak

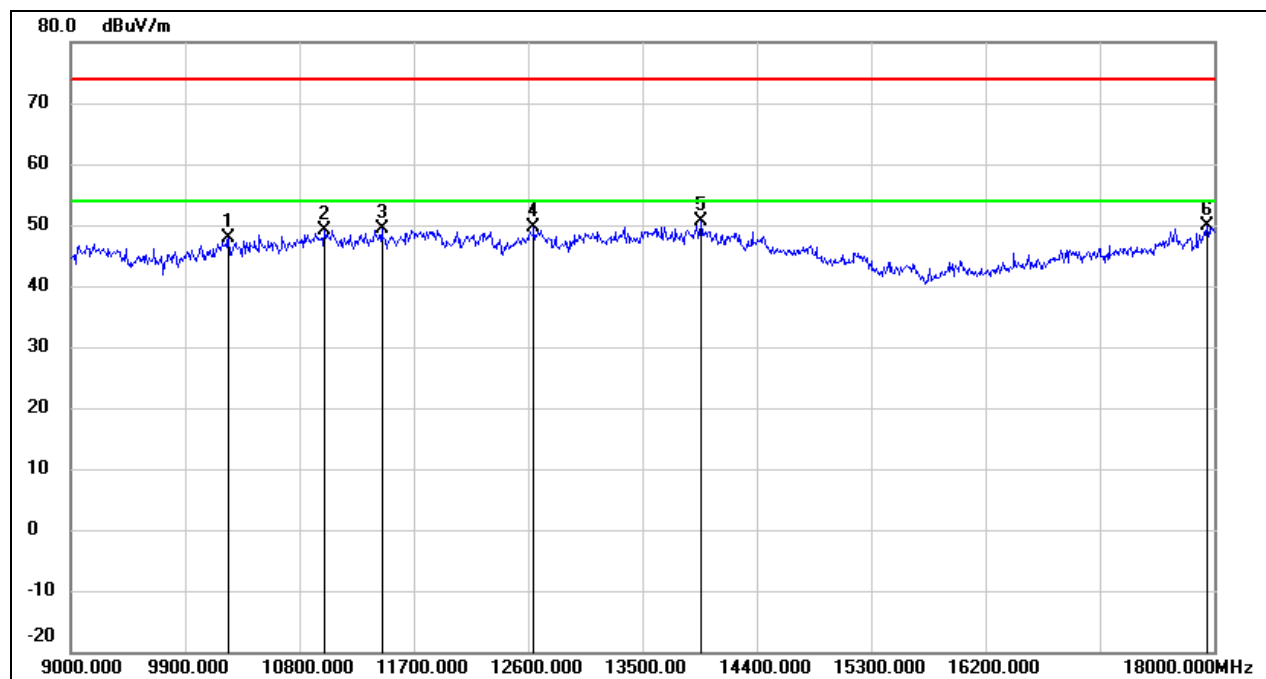
Test Mode:	802.11be EHT160	Frequency(MHz):	6665
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10170.000	35.26	12.43	47.69	74.00	-26.31	peak
2	10755.000	34.71	13.96	48.67	74.00	-25.33	peak
3	12141.000	31.96	17.81	49.77	74.00	-24.23	peak
4	13068.000	31.02	19.15	50.17	74.00	-23.83	peak
5	13860.000	28.02	21.59	49.61	74.00	-24.39	peak
6	17973.000	23.50	24.99	48.49	74.00	-25.51	peak

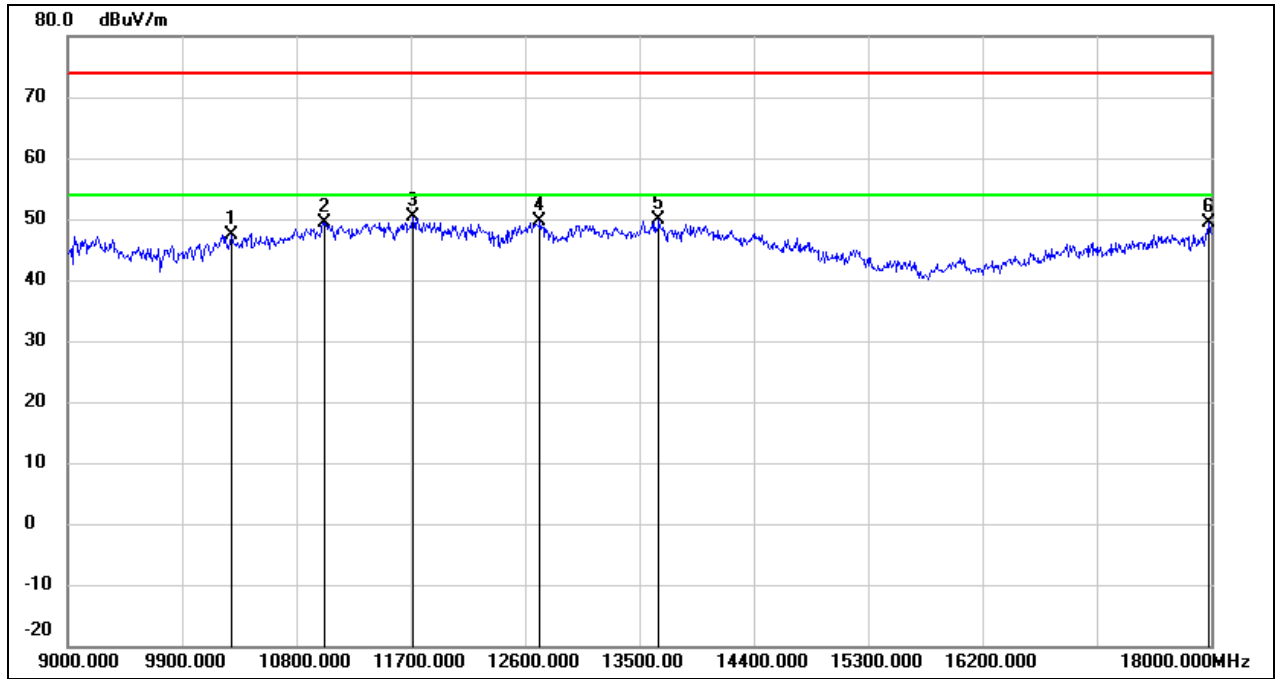


Test Mode:	802.11be EHT160	Frequency(MHz):	6825
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



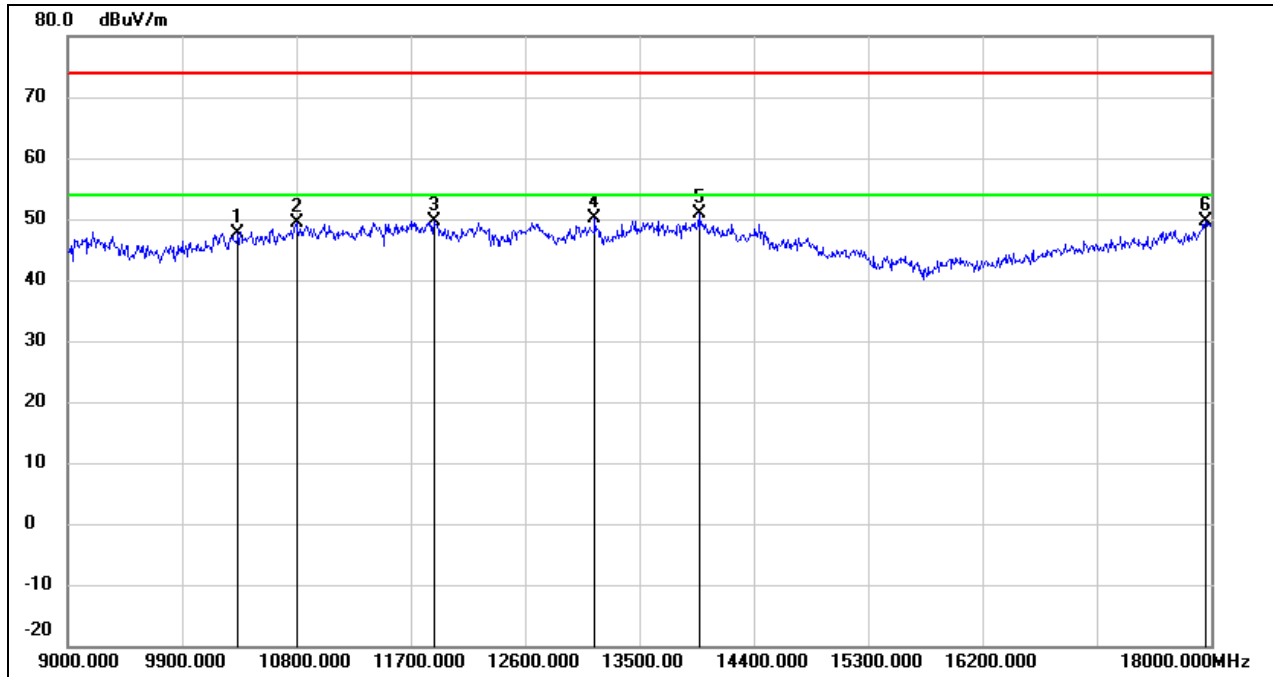
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.18	12.58	47.76	74.00	-26.24	peak
2	10998.000	34.40	14.75	49.15	74.00	-24.85	peak
3	11448.000	33.09	16.34	49.43	74.00	-24.57	peak
4	12645.000	31.61	17.92	49.53	74.00	-24.47	peak
5	13959.000	28.81	21.79	50.60	74.00	-23.40	peak
6	17946.000	24.94	24.82	49.76	74.00	-24.24	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6825
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



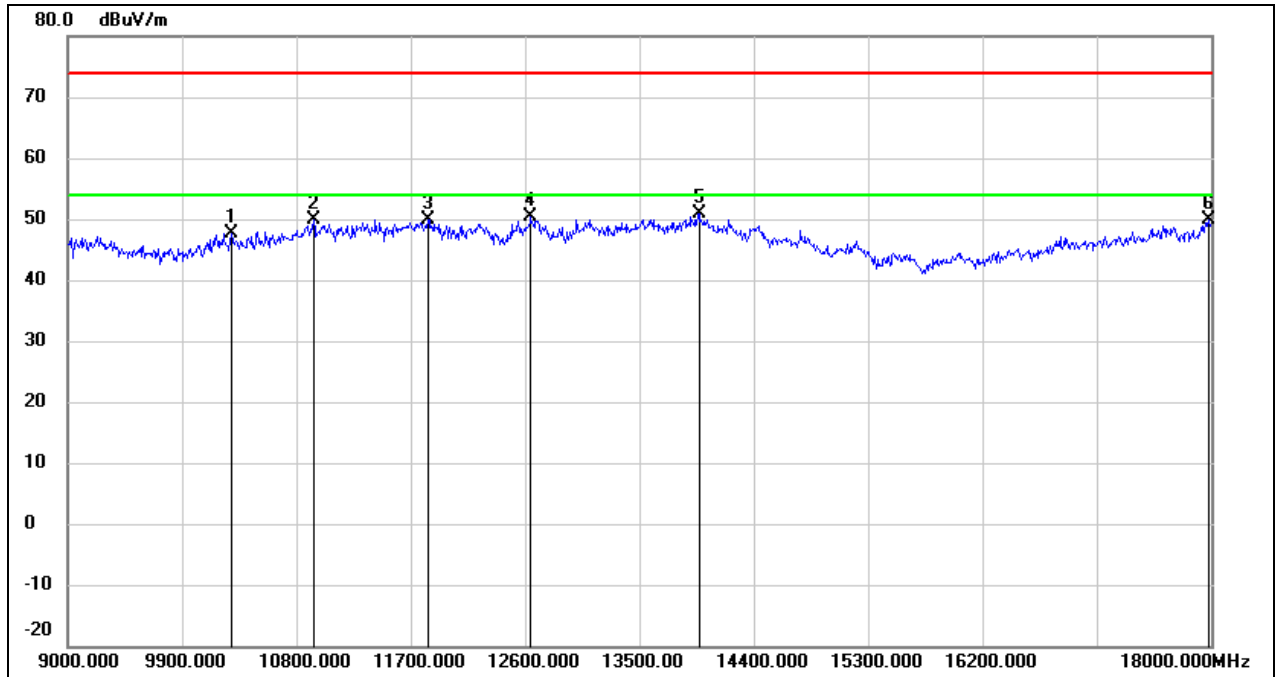
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10287.000	34.64	12.68	47.32	74.00	-26.68	peak
2	11025.000	34.56	14.83	49.39	74.00	-24.61	peak
3	11718.000	33.28	17.13	50.41	74.00	-23.59	peak
4	12717.000	31.40	18.11	49.51	74.00	-24.49	peak
5	13653.000	28.85	21.14	49.99	74.00	-24.01	peak
6	17982.000	24.34	25.04	49.38	74.00	-24.62	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6985
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



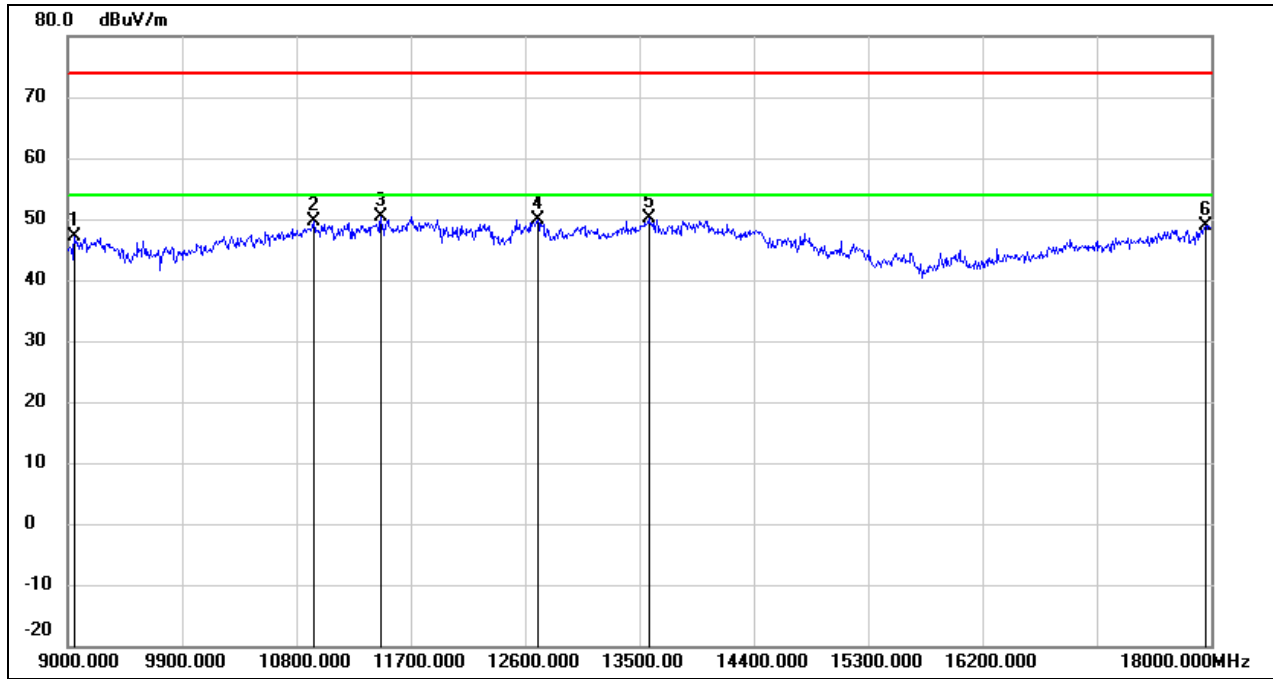
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10341.000	34.80	12.79	47.59	74.00	-26.41	peak
2	10800.000	35.29	14.10	49.39	74.00	-24.61	peak
3	11880.000	32.09	17.58	49.67	74.00	-24.33	peak
4	13149.000	30.74	19.46	50.20	74.00	-23.80	peak
5	13968.000	28.96	21.81	50.77	74.00	-23.23	peak
6	17955.000	24.71	24.87	49.58	74.00	-24.42	peak

Test Mode:	802.11be EHT160	Frequency(MHz):	6985
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



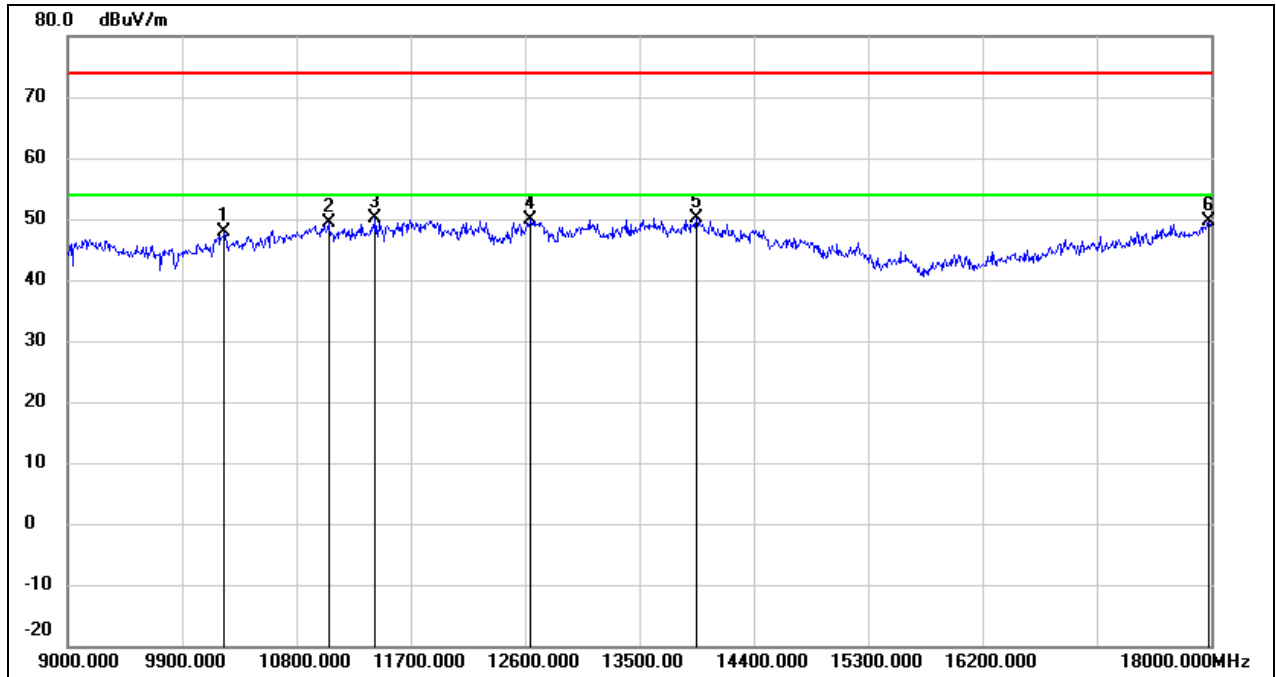
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10287.000	34.91	12.68	47.59	74.00	-26.41	peak
2	10935.000	35.24	14.54	49.78	74.00	-24.22	peak
3	11835.000	32.47	17.46	49.93	74.00	-24.07	peak
4	12645.000	32.36	17.92	50.28	74.00	-23.72	peak
5	13968.000	29.15	21.81	50.96	74.00	-23.04	peak
6	17982.000	24.74	25.04	49.78	74.00	-24.22	peak

Test Mode:	802.11be EHT320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



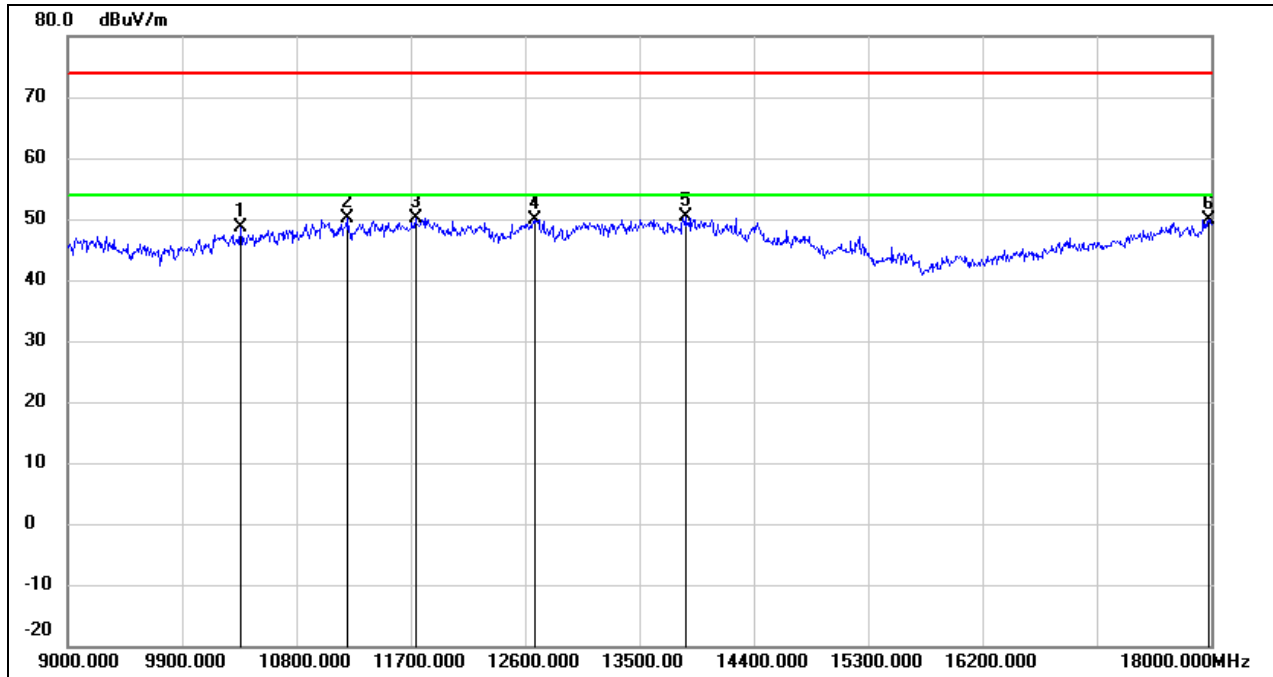
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9054.000	36.34	10.82	47.16	74.00	-26.84	peak
2	10935.000	34.97	14.54	49.51	74.00	-24.49	peak
3	11466.000	33.96	16.41	50.37	74.00	-23.63	peak
4	12699.000	31.87	18.07	49.94	74.00	-24.06	peak
5	13572.000	29.29	20.96	50.25	74.00	-23.75	peak
6	17955.000	24.01	24.87	48.88	74.00	-25.12	peak

Test Mode:	802.11be EHT320	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



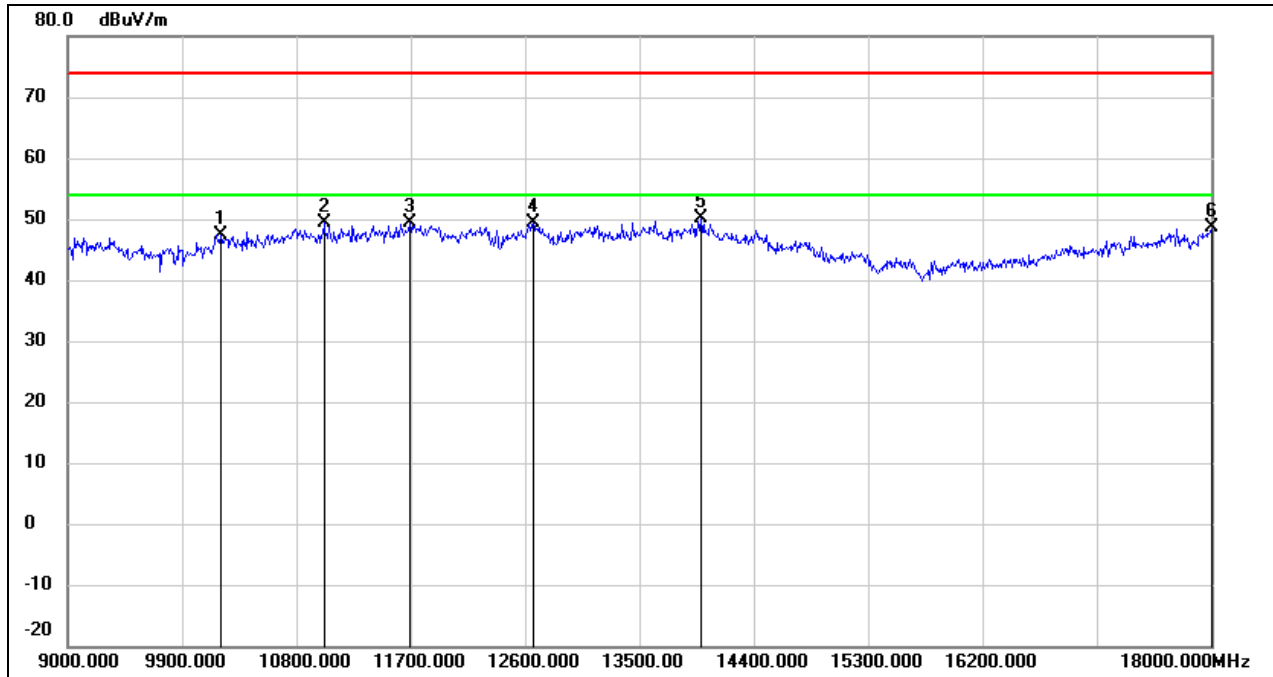
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	35.21	12.57	47.78	74.00	-26.22	peak
2	11052.000	34.41	14.94	49.35	74.00	-24.65	peak
3	11421.000	33.85	16.25	50.10	74.00	-23.90	peak
4	12645.000	31.87	17.92	49.79	74.00	-24.21	peak
5	13950.000	28.23	21.78	50.01	74.00	-23.99	peak
6	17982.000	24.59	25.04	49.63	74.00	-24.37	peak

Test Mode:	802.11be EHT320	Frequency(MHz):	6585
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	35.79	12.83	48.62	74.00	-25.38	peak
2	11196.000	34.58	15.44	50.02	74.00	-23.98	peak
3	11736.000	32.91	17.18	50.09	74.00	-23.91	peak
4	12681.000	31.96	18.03	49.99	74.00	-24.01	peak
5	13860.000	28.72	21.59	50.31	74.00	-23.69	peak
6	17982.000	24.83	25.04	49.87	74.00	-24.13	peak

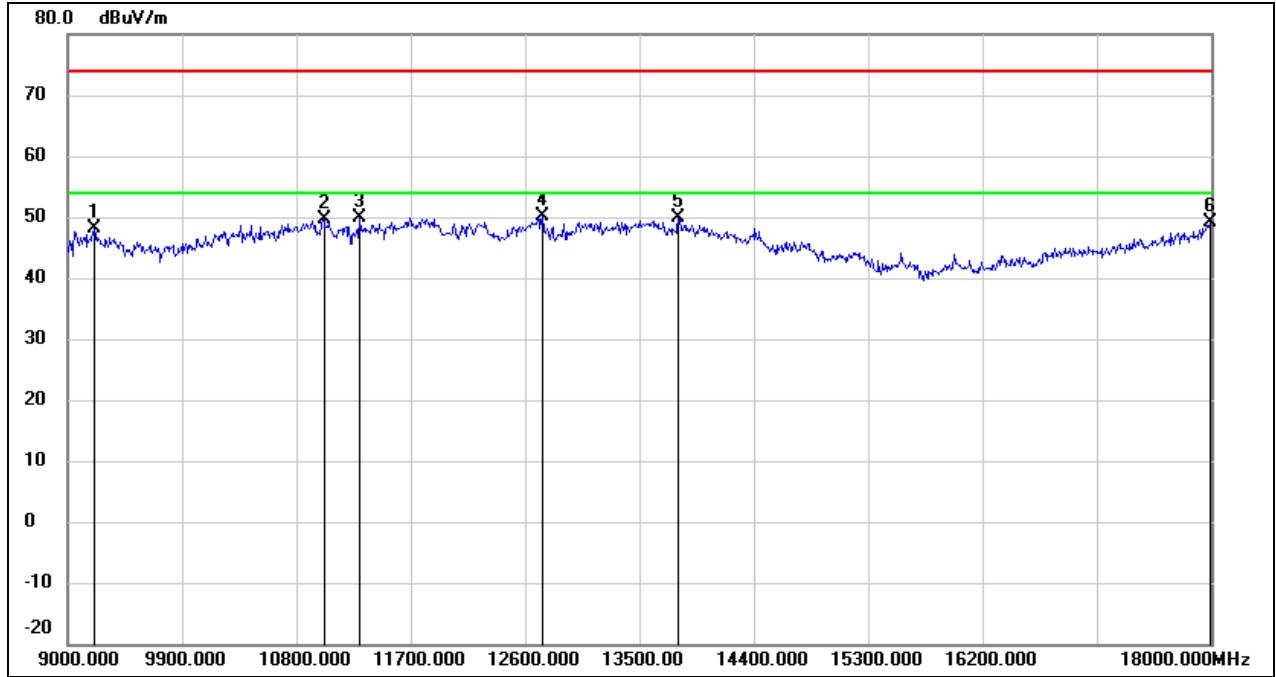
Test Mode:	802.11be EHT320	Frequency(MHz):	6585
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10206.000	34.93	12.51	47.44	74.00	-26.56	peak
2	11016.000	34.52	14.81	49.33	74.00	-24.67	peak
3	11691.000	32.36	17.05	49.41	74.00	-24.59	peak
4	12663.000	31.36	17.98	49.34	74.00	-24.66	peak
5	13986.000	28.25	21.85	50.10	74.00	-23.90	peak
6	18000.000	23.53	25.16	48.69	74.00	-25.31	peak

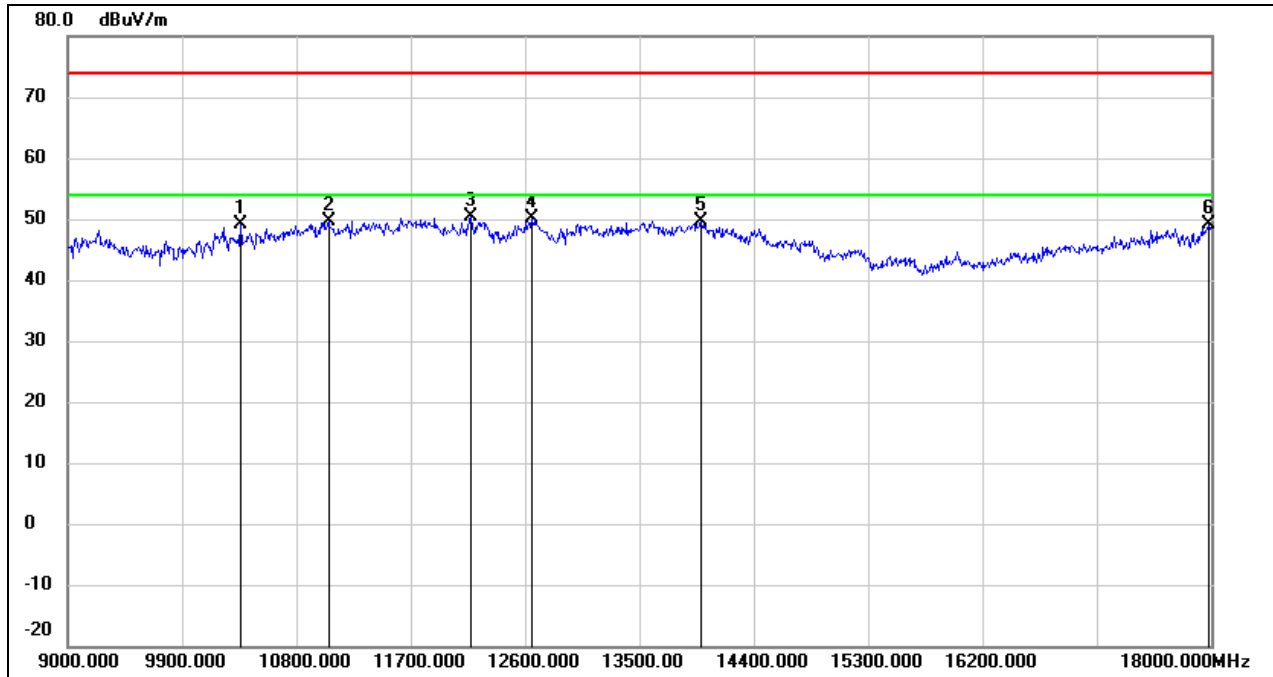


Test Mode:	802.11be EHT320	Frequency(MHz):	6905
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9207.000	37.36	10.84	48.20	74.00	-25.80	peak
2	11016.000	34.89	14.81	49.70	74.00	-24.30	peak
3	11295.000	34.15	15.80	49.95	74.00	-24.05	peak
4	12735.000	32.06	18.17	50.23	74.00	-23.77	peak
5	13806.000	28.42	21.46	49.88	74.00	-24.12	peak
6	17991.000	24.03	25.11	49.14	74.00	-24.86	peak

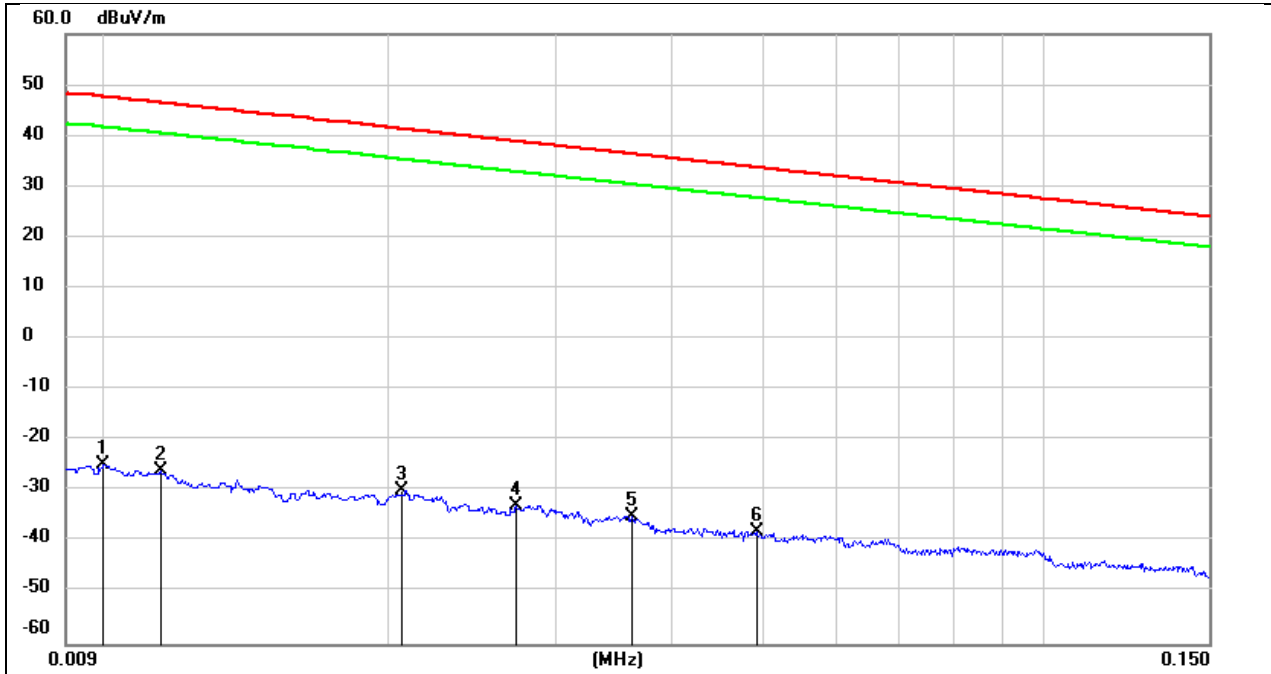
Test Mode:	802.11be EHT320	Frequency(MHz):	6905
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.000	36.23	12.83	49.06	74.00	-24.94	peak
2	11052.000	34.67	14.94	49.61	74.00	-24.39	peak
3	12177.000	32.56	17.77	50.33	74.00	-23.67	peak
4	12654.000	32.12	17.94	50.06	74.00	-23.94	peak
5	13986.000	27.72	21.85	49.57	74.00	-24.43	peak
6	17982.000	24.02	25.04	49.06	74.00	-24.94	peak

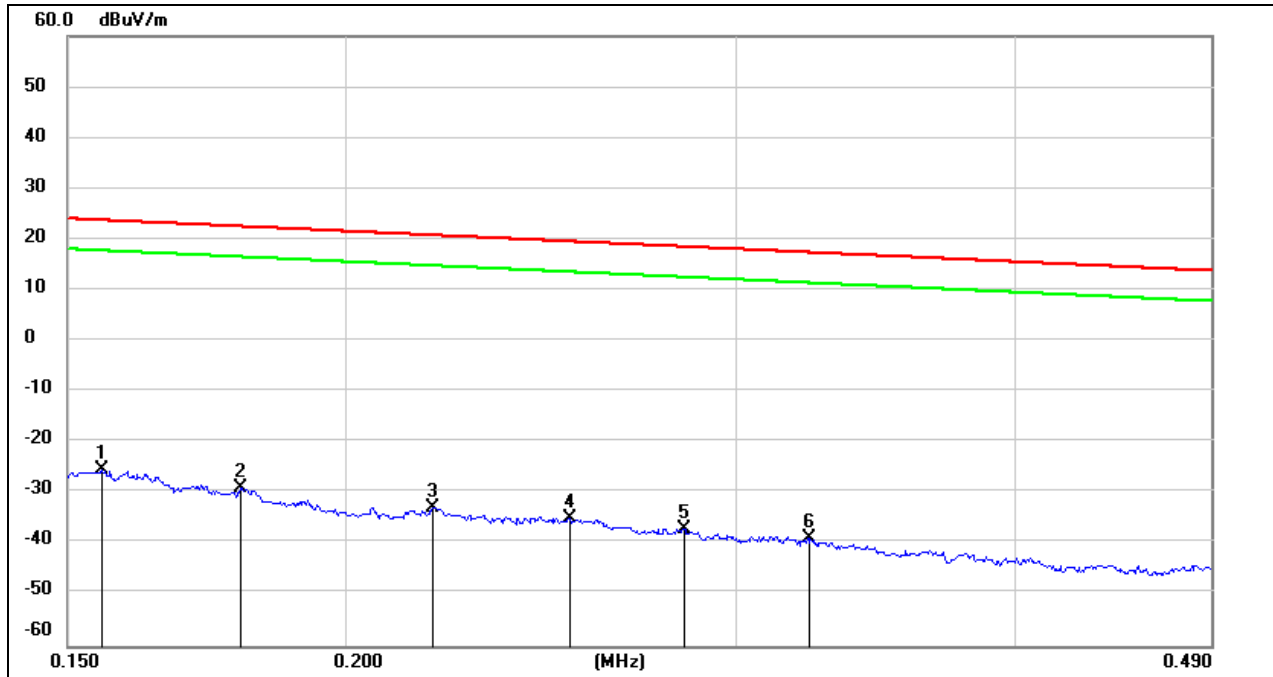
### 8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



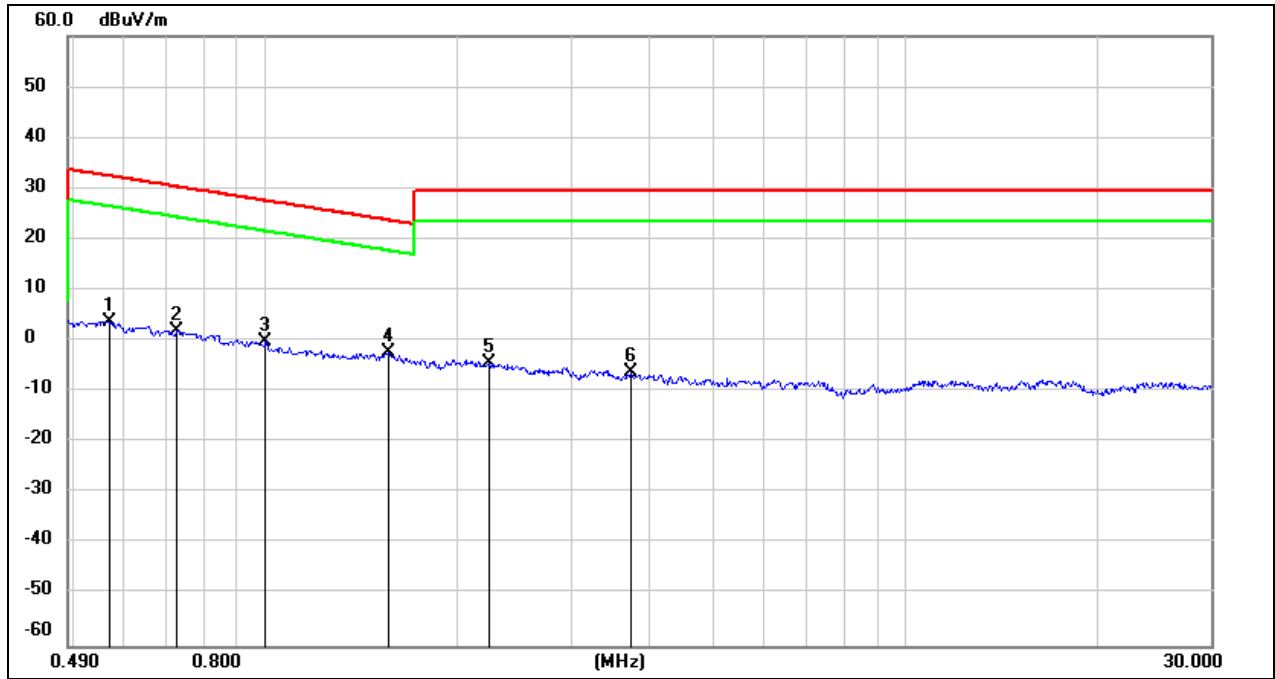
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	76.72	-101.40	-24.68	47.60	-72.28	peak
2	0.0114	75.38	-101.40	-26.02	46.46	-72.48	peak
3	0.0206	71.42	-101.35	-29.93	41.32	-71.25	peak
4	0.0273	68.49	-101.38	-32.89	38.88	-71.77	peak
5	0.0362	66.51	-101.42	-34.91	36.43	-71.34	peak
6	0.0492	63.55	-101.47	-37.92	33.76	-71.68	peak

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



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	72.77	-101.68	-28.91	22.53	-51.44	peak
3	0.2190	68.77	-101.75	-32.98	20.79	-53.77	peak
4	0.2522	66.89	-101.80	-34.91	19.57	-54.48	peak
5	0.2837	64.72	-101.83	-37.11	18.54	-55.65	peak
6	0.3234	62.98	-101.88	-38.90	17.41	-56.31	peak

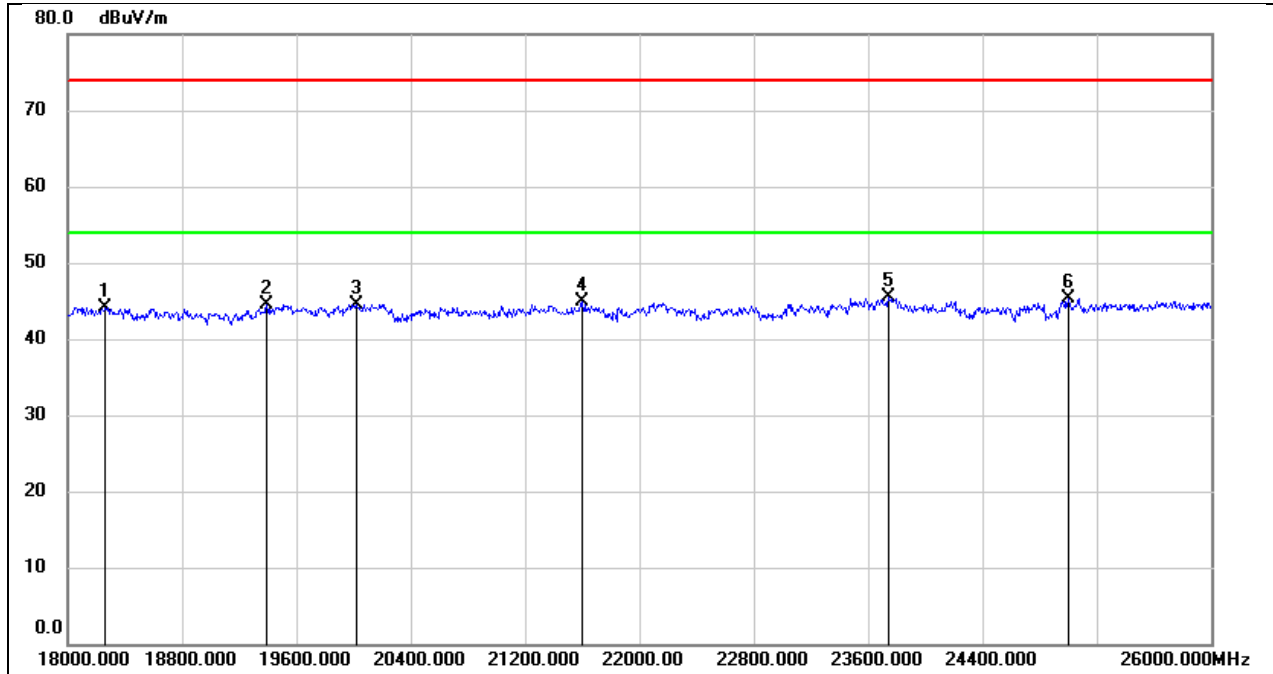
Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5682	65.87	-62.07	3.80	32.51	-28.71	peak
2	0.7258	64.11	-62.11	2.00	30.39	-28.39	peak
3	0.9985	62.13	-62.27	-0.14	27.61	-27.75	peak
4	1.5564	59.68	-62.02	-2.34	23.76	-26.10	peak
5	2.2364	57.30	-61.76	-4.46	29.54	-34.00	peak
6	3.7100	55.20	-61.41	-6.21	29.54	-35.75	peak

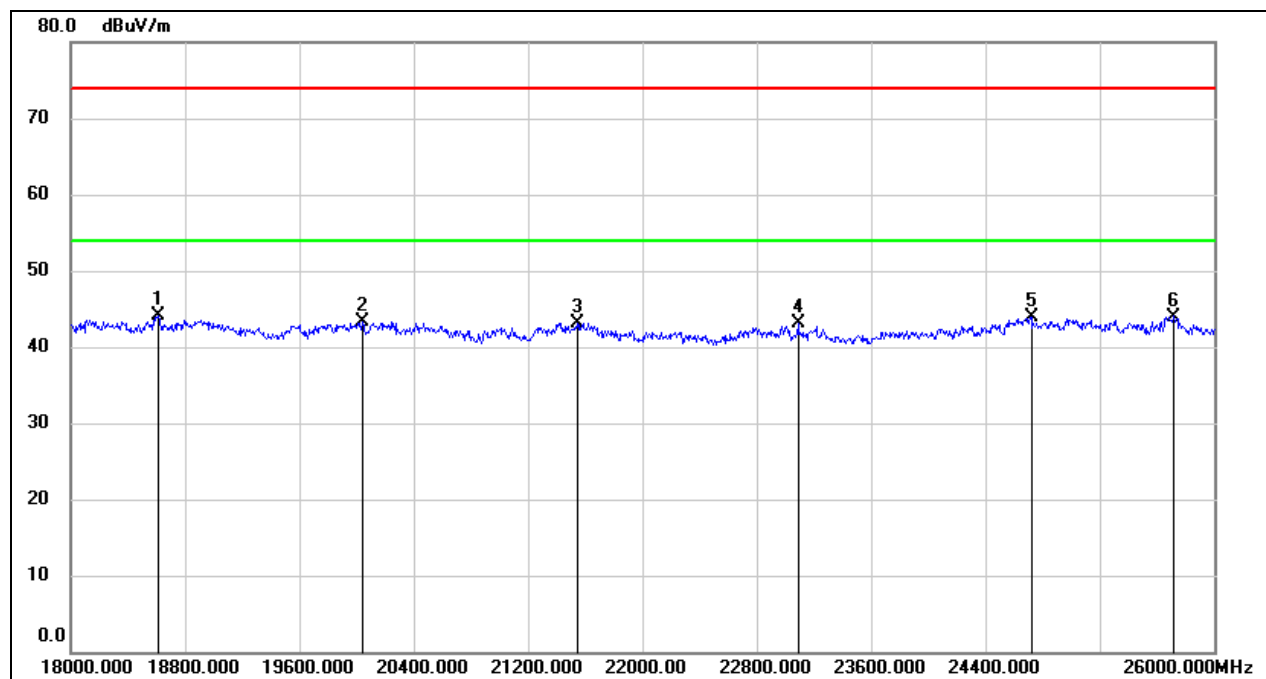
### 8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18264.000	49.65	-5.53	44.12	74.00	-29.88	peak
2	19392.000	50.12	-5.57	44.55	74.00	-29.45	peak
3	20016.000	50.06	-5.47	44.59	74.00	-29.41	peak
4	21600.000	49.52	-4.54	44.98	74.00	-29.02	peak
5	23744.000	48.65	-3.20	45.45	74.00	-28.55	peak
6	25000.000	47.36	-2.10	45.26	74.00	-28.74	peak

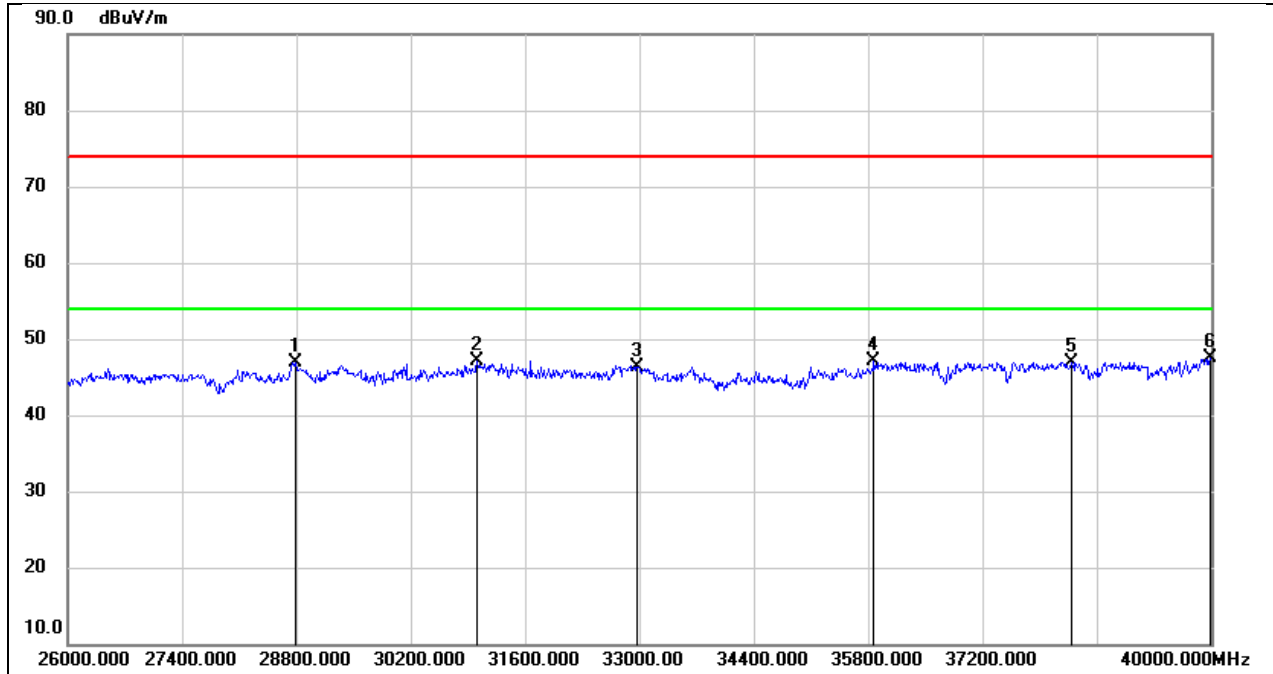
Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	49.39	-5.34	44.05	74.00	-29.95	peak
2	20040.000	48.71	-5.48	43.23	74.00	-30.77	peak
3	21544.000	47.76	-4.63	43.13	74.00	-30.87	peak
4	23088.000	46.52	-3.41	43.11	74.00	-30.89	peak
5	24720.000	46.22	-2.33	43.89	74.00	-30.11	peak
6	25720.000	44.75	-0.75	44.00	74.00	-30.00	peak

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

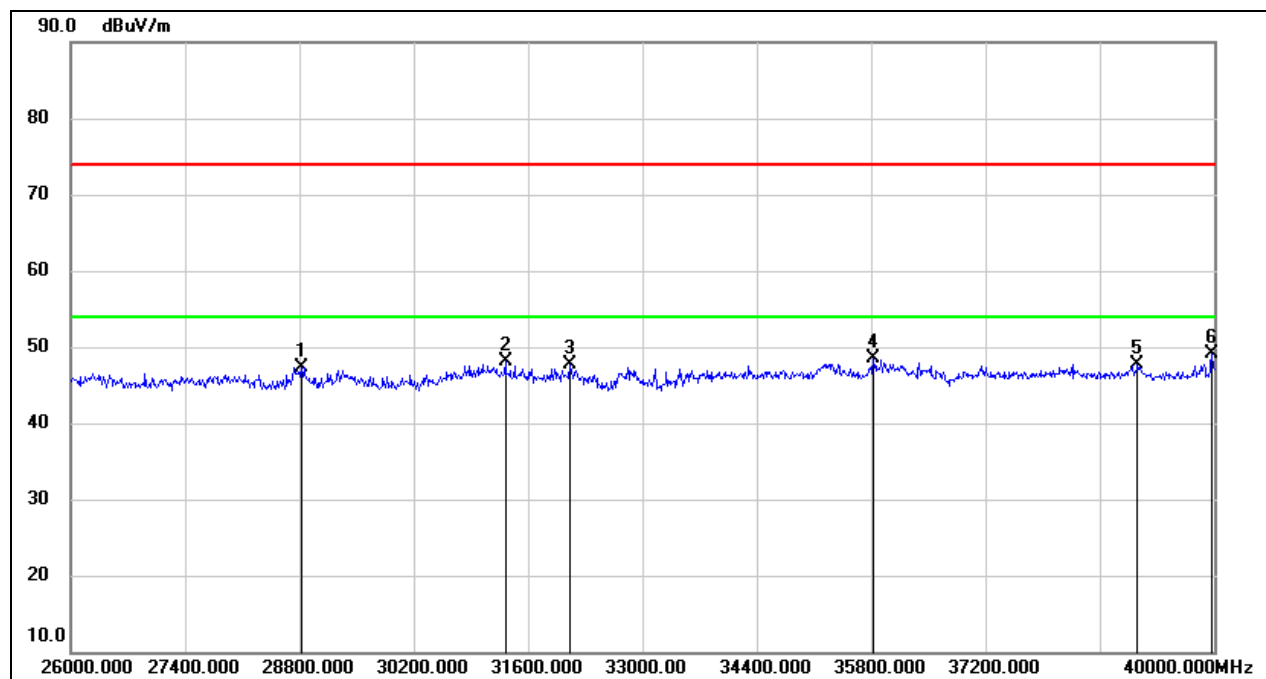
Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28786.000	47.49	-0.64	46.85	74.00	-27.15	peak
2	31012.000	47.83	-0.71	47.12	74.00	-26.88	peak
3	32972.000	47.09	-0.73	46.36	74.00	-27.64	peak
4	35870.000	43.33	3.75	47.08	74.00	-26.92	peak
5	38292.000	43.12	3.80	46.92	74.00	-27.08	peak
6	39986.000	42.27	5.17	47.44	74.00	-26.56	peak



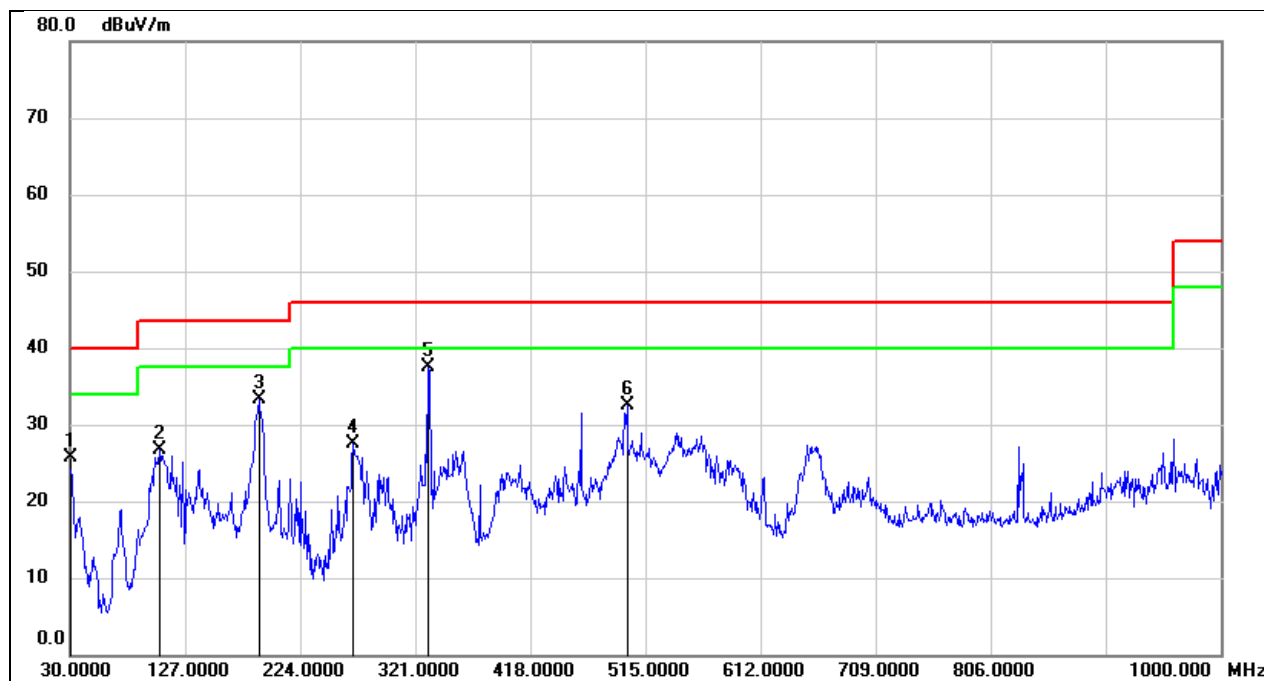
Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28828.000	48.13	-0.79	47.34	74.00	-26.66	peak
2	31320.000	49.11	-0.93	48.18	74.00	-25.82	peak
3	32104.000	49.49	-1.75	47.74	74.00	-26.26	peak
4	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
5	39062.000	43.48	4.30	47.78	74.00	-26.22	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

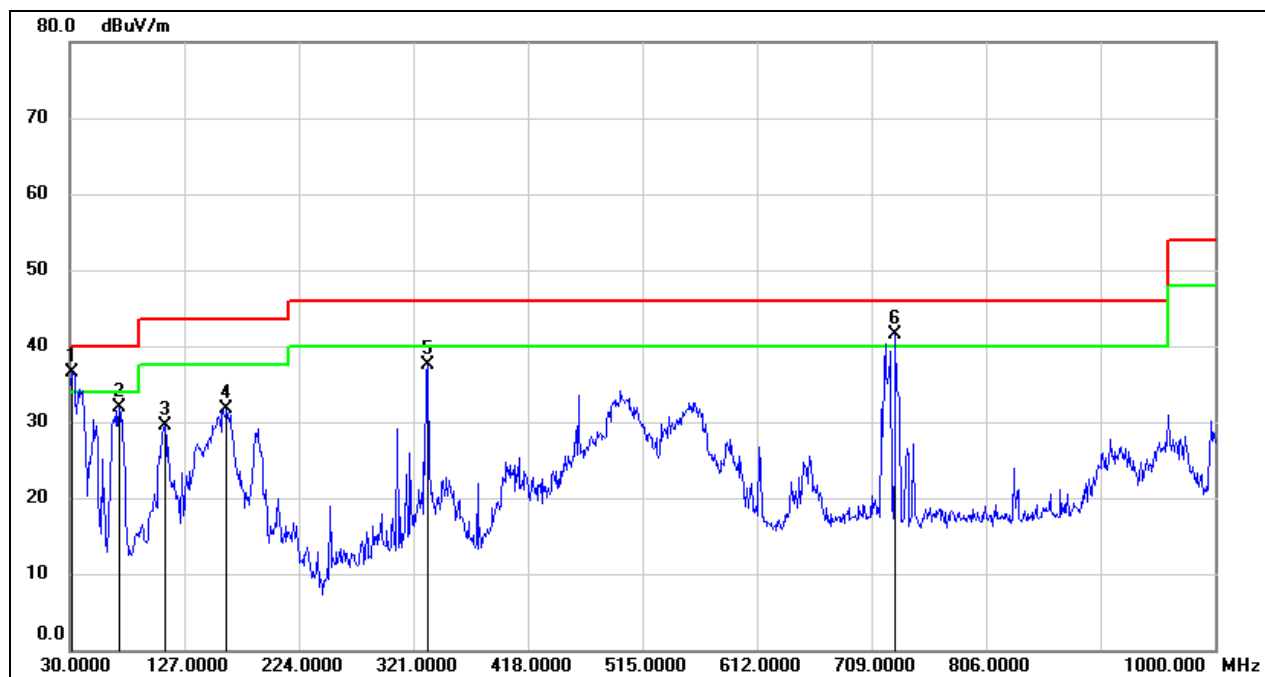
## 8.7. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Horizontal	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	43.91	-18.24	25.67	40.00	-14.33	QP
2	105.6600	47.40	-20.70	26.70	43.50	-16.80	QP
3	189.0800	50.00	-16.68	33.32	43.50	-10.18	QP
4	268.6200	45.09	-17.61	27.48	46.00	-18.52	QP
5	331.6700	51.37	-13.79	37.58	46.00	-8.42	QP
6	499.4800	43.18	-10.68	32.50	46.00	-13.50	QP

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Polarity:	Vertical	Test Voltage:	AC 120 V, 60 HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	54.99	-18.55	36.44	40.00	-3.56	QP
2	71.7100	52.79	-20.90	31.89	40.00	-8.11	QP
3	110.5100	49.83	-20.28	29.55	43.50	-13.95	QP
4	162.8900	49.03	-17.37	31.66	43.50	-11.84	QP
5	332.6400	51.19	-13.74	37.45	46.00	-8.55	QP
6	729.3700	48.91	-7.48	41.43	46.00	-4.57	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

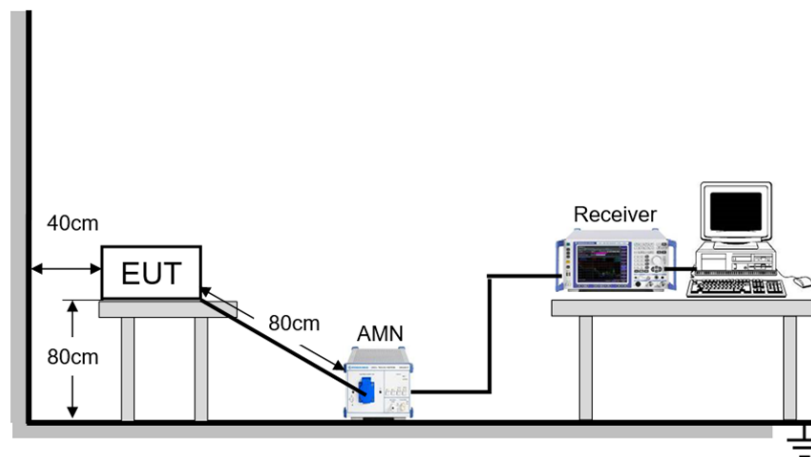
### TEST PROCEDURE

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

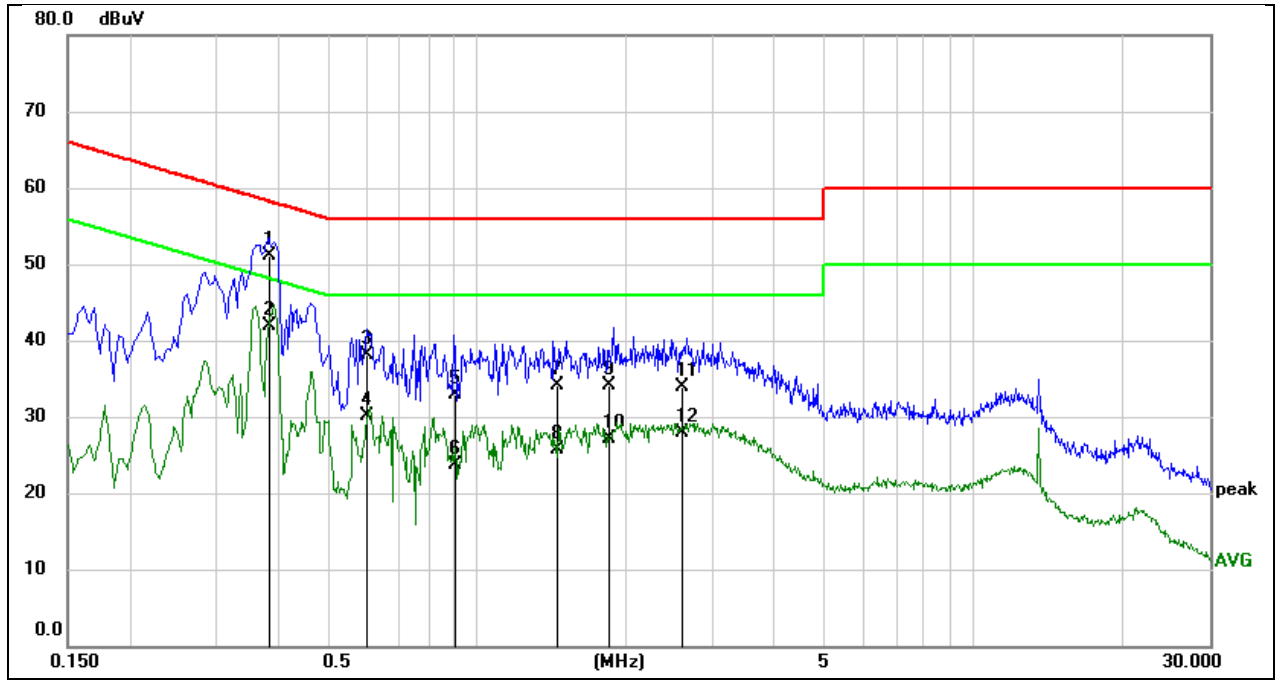


### TEST ENVIRONMENT

Temperature	23.5 °C	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

**TEST RESULTS**

Test Mode:	802.11ax HE320	Frequency(MHz):	6265
Line:	Line	Test Voltage:	AC 120 V, 60 Hz

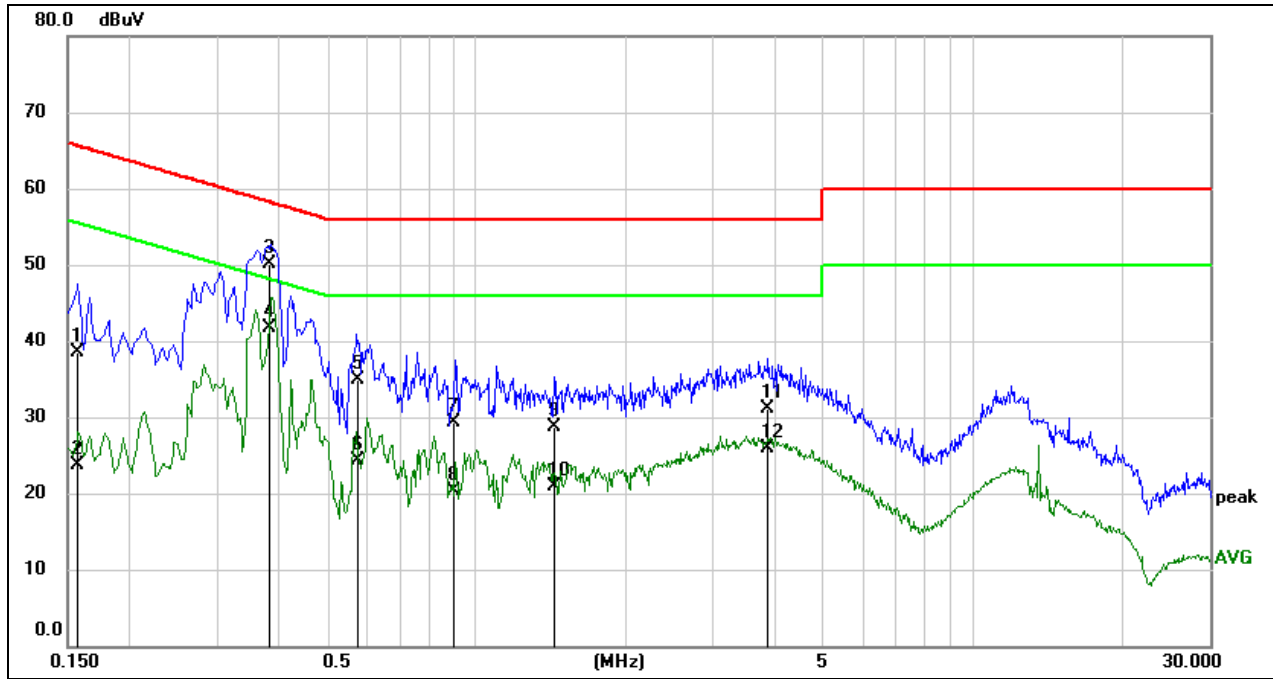


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3811	41.63	9.53	51.16	58.26	-7.10	QP
2	0.3811	32.39	9.53	41.92	48.26	-6.34	AVG
3	0.6027	28.58	9.50	38.08	56.00	-17.92	QP
4	0.6027	20.54	9.50	30.04	46.00	-15.96	AVG
5	0.9064	23.45	9.51	32.96	56.00	-23.04	QP
6	0.9064	14.17	9.51	23.68	46.00	-22.32	AVG
7	1.4435	24.52	9.56	34.08	56.00	-21.92	QP
8	1.4435	16.23	9.56	25.79	46.00	-20.21	AVG
9	1.8645	24.52	9.61	34.13	56.00	-21.87	QP
10	1.8645	17.47	9.61	27.08	46.00	-18.92	AVG
11	2.6009	24.34	9.62	33.96	56.00	-22.04	QP
12	2.6009	18.20	9.62	27.82	46.00	-18.18	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:	802.11ax HE320	Frequency(MHz):	6265
Line:	N	Test Voltage:	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1561	28.94	9.50	38.44	65.67	-27.23	QP
2	0.1561	14.16	9.50	23.66	55.67	-32.01	AVG
3	0.3827	40.66	9.53	50.19	58.22	-8.03	QP
4	0.3827	32.25	9.53	41.78	48.22	-6.44	AVG
5	0.5812	25.44	9.50	34.94	56.00	-21.06	QP
6	0.5812	14.76	9.50	24.26	46.00	-21.74	AVG
7	0.8994	19.77	9.50	29.27	56.00	-26.73	QP
8	0.8994	10.72	9.50	20.22	46.00	-25.78	AVG
9	1.4391	19.22	9.56	28.78	56.00	-27.22	QP
10	1.4391	11.27	9.56	20.83	46.00	-25.17	AVG
11	3.8557	21.44	9.60	31.04	56.00	-24.96	QP
12	3.8557	16.30	9.60	25.90	46.00	-20.10	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
11BE20MIMO	Ant3	6115	23.200	6103.560	6126.760	PASS
	Ant4	6115	22.600	6103.800	6126.400	PASS
	Ant5	6115	23.120	6103.840	6126.960	PASS
	Ant6	6115	23.720	6103.440	6127.160	PASS
	Ant3	6275	22.880	6263.720	6286.600	PASS
	Ant4	6275	23.520	6263.640	6287.160	PASS
	Ant5	6275	22.680	6263.760	6286.440	PASS
	Ant6	6275	23.320	6263.600	6286.920	PASS
	Ant3	6415	23.160	6403.480	6426.640	PASS
	Ant4	6415	23.600	6403.520	6427.120	PASS
	Ant5	6415	23.440	6403.560	6427.000	PASS
	Ant6	6415	23.560	6403.600	6427.160	PASS
	Ant3	6435	22.720	6423.760	6446.480	PASS
	Ant4	6435	22.320	6423.720	6446.040	PASS
	Ant5	6435	23.320	6423.720	6447.040	PASS
	Ant6	6435	23.400	6423.600	6447.000	PASS
	Ant3	6475	23.160	6463.480	6486.640	PASS
	Ant4	6475	22.680	6463.680	6486.360	PASS
	Ant5	6475	23.600	6463.360	6486.960	PASS
	Ant6	6475	23.240	6463.480	6486.720	PASS
	Ant3	6515	22.960	6503.400	6526.360	PASS
	Ant4	6515	23.000	6503.440	6526.440	PASS
	Ant5	6515	23.760	6503.440	6527.200	PASS
	Ant6	6515	23.720	6503.320	6527.040	PASS
	Ant3	6535	22.760	6523.720	6546.480	PASS
	Ant4	6535	23.080	6523.160	6546.240	PASS
	Ant5	6535	23.400	6523.360	6546.760	PASS
	Ant6	6535	24.400	6523.320	6547.720	PASS
	Ant3	6715	23.320	6703.360	6726.680	PASS
	Ant4	6715	22.760	6703.600	6726.360	PASS
	Ant5	6715	23.360	6703.560	6726.920	PASS
	Ant6	6715	24.680	6702.400	6727.080	PASS
	Ant3	6875	22.920	6863.720	6886.640	PASS
	Ant4	6875	23.440	6863.800	6887.240	PASS
	Ant5	6875	23.720	6863.360	6887.080	PASS
	Ant6	6875	23.440	6863.440	6886.880	PASS
	Ant3	6895	23.200	6883.320	6906.520	PASS
	Ant4	6895	22.960	6883.520	6906.480	PASS
	Ant5	6895	23.560	6883.480	6907.040	PASS
	Ant6	6895	23.200	6883.480	6906.680	PASS
Ant3	7015	22.840	7003.520	7026.360	PASS	
Ant4	7015	22.600	7003.760	7026.360	PASS	
Ant5	7015	23.800	7003.400	7027.200	PASS	
Ant6	7015	23.200	7003.440	7026.640	PASS	
Ant3	7115	23.040	7103.440	7126.480	PASS	
Ant4	7115	22.840	7103.560	7126.400	PASS	
Ant5	7115	23.400	7103.360	7126.760	PASS	
Ant6	7115	23.800	7103.240	7127.040	PASS	
11BE40MIMO	Ant3	6125	43.520	6103.080	6146.600	PASS
	Ant4	6125	43.440	6103.240	6146.680	PASS
	Ant5	6125	47.040	6100.200	6147.240	PASS
	Ant6	6125	43.840	6103.240	6147.080	PASS
	Ant3	6285	43.600	6263.000	6306.600	PASS



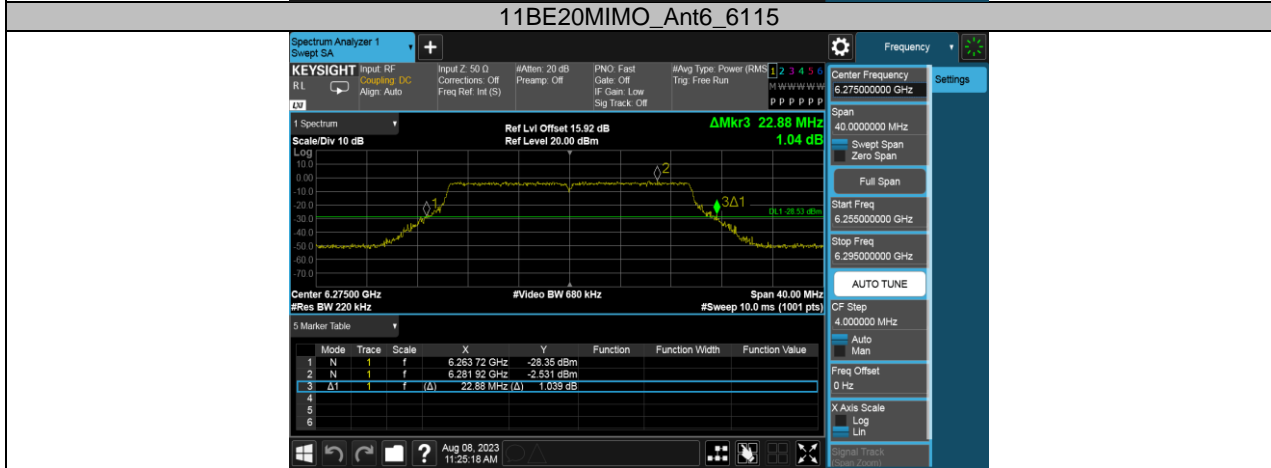
	Ant4	6285	43.600	6263.160	6306.760	PASS
	Ant5	6285	43.440	6263.080	6306.520	PASS
	Ant6	6285	43.920	6262.840	6306.760	PASS
	Ant3	6405	43.600	6383.400	6427.000	PASS
	Ant4	6405	44.640	6382.520	6427.160	PASS
	Ant5	6405	44.080	6383.000	6427.080	PASS
	Ant6	6405	43.840	6382.920	6426.760	PASS
	Ant3	6445	44.560	6422.680	6467.240	PASS
	Ant4	6445	44.480	6423.080	6467.560	PASS
	Ant5	6445	43.600	6423.240	6466.840	PASS
	Ant6	6445	43.440	6423.320	6466.760	PASS
	Ant3	6485	44.640	6462.520	6507.160	PASS
	Ant4	6485	43.280	6463.240	6506.520	PASS
	Ant5	6485	42.960	6463.560	6506.520	PASS
	Ant6	6485	43.840	6463.160	6507.000	PASS
	Ant3	6525	44.320	6502.840	6547.160	PASS
	Ant4	6525	44.000	6502.840	6546.840	PASS
	Ant5	6525	44.080	6503.000	6547.080	PASS
	Ant6	6525	43.440	6503.400	6546.840	PASS
	Ant3	6565	46.400	6543.080	6589.480	PASS
	Ant4	6565	43.920	6543.000	6586.920	PASS
	Ant5	6565	44.240	6543.240	6587.480	PASS
	Ant6	6565	44.240	6543.240	6587.480	PASS
	Ant3	6685	44.240	6663.400	6707.640	PASS
	Ant4	6685	44.400	6662.920	6707.320	PASS
	Ant5	6685	43.280	6663.560	6706.840	PASS
	Ant6	6685	43.680	6663.080	6706.760	PASS
	Ant3	6845	44.000	6823.000	6867.000	PASS
	Ant4	6845	44.400	6822.440	6866.840	PASS
	Ant5	6845	44.000	6823.000	6867.000	PASS
	Ant6	6845	43.840	6823.160	6867.000	PASS
	Ant3	6885	43.840	6863.160	6907.000	PASS
	Ant4	6885	43.440	6863.400	6906.840	PASS
	Ant5	6885	44.160	6863.160	6907.320	PASS
	Ant6	6885	43.120	6863.480	6906.600	PASS
	Ant3	7005	43.280	6983.240	7026.520	PASS
	Ant4	7005	44.080	6982.840	7026.920	PASS
	Ant5	7005	43.200	6983.240	7026.440	PASS
	Ant6	7005	44.800	6982.440	7027.240	PASS
	Ant3	7085	43.200	7063.400	7106.600	PASS
	Ant4	7085	43.920	7062.920	7106.840	PASS
	Ant5	7085	43.680	7063.000	7106.680	PASS
	Ant6	7085	43.760	7063.240	7107.000	PASS
11BE80MIMO	Ant3	6145	88.800	6101.160	6189.960	PASS
	Ant4	6145	89.600	6100.680	6190.280	PASS
	Ant5	6145	88.960	6100.200	6189.160	PASS
	Ant6	6145	88.160	6100.200	6188.360	PASS
	Ant3	6225	88.000	6181.320	6269.320	PASS
	Ant4	6225	88.000	6181.480	6269.480	PASS
	Ant5	6225	88.000	6181.160	6269.160	PASS
	Ant6	6225	88.960	6180.360	6269.320	PASS
	Ant3	6385	87.360	6340.840	6428.200	PASS
	Ant4	6385	87.520	6342.120	6429.640	PASS
	Ant5	6385	86.080	6341.960	6428.040	PASS
	Ant6	6385	91.680	6340.520	6432.200	PASS
	Ant3	6465	88.480	6421.000	6509.480	PASS
	Ant4	6465	88.640	6421.160	6509.800	PASS
	Ant5	6465	88.000	6421.480	6509.480	PASS
	Ant6	6465	88.320	6420.040	6508.360	PASS
	Ant3	6545	90.240	6500.680	6590.920	PASS
	Ant4	6545	88.320	6500.200	6588.520	PASS

	Ant5	6545	91.040	6501.480	6592.520	PASS
	Ant6	6545	88.320	6500.040	6588.360	PASS
	Ant3	6705	87.520	6661.160	6748.680	PASS
	Ant4	6705	87.200	6661.480	6748.680	PASS
	Ant5	6705	89.280	6660.200	6749.480	PASS
	Ant6	6705	88.480	6660.040	6748.520	PASS
	Ant3	6865	87.680	6821.160	6908.840	PASS
	Ant4	6865	88.960	6820.040	6909.000	PASS
	Ant5	6865	89.120	6820.040	6909.160	PASS
	Ant6	6865	87.680	6820.680	6908.360	PASS
	Ant3	6945	87.680	6900.840	6988.520	PASS
	Ant4	6945	87.840	6901.000	6988.840	PASS
	Ant5	6945	89.120	6900.040	6989.160	PASS
	Ant6	6945	88.160	6901.160	6989.320	PASS
	Ant3	7025	89.600	6979.720	7069.320	PASS
	Ant4	7025	88.160	6980.040	7068.200	PASS
	Ant5	7025	88.640	6980.680	7069.320	PASS
	Ant6	7025	89.920	6979.720	7069.640	PASS
11BE160MIMO	Ant3	6185	168.640	6101.160	6269.800	PASS
	Ant4	6185	170.240	6100.840	6271.080	PASS
	Ant5	6185	169.280	6100.520	6269.800	PASS
	Ant6	6185	169.920	6100.520	6270.440	PASS
	Ant3	6345	171.520	6260.200	6431.720	PASS
	Ant4	6345	170.560	6259.880	6430.440	PASS
	Ant5	6345	167.360	6260.840	6428.200	PASS
	Ant6	6345	170.560	6258.920	6429.480	PASS
	Ant3	6505	171.200	6420.520	6591.720	PASS
	Ant4	6505	169.280	6420.200	6589.480	PASS
	Ant5	6505	169.920	6420.840	6590.760	PASS
	Ant6	6505	169.280	6420.840	6590.120	PASS
	Ant3	6665	168.960	6580.200	6749.160	PASS
	Ant4	6665	169.280	6579.880	6749.160	PASS
	Ant5	6665	167.040	6581.160	6748.200	PASS
	Ant6	6665	169.920	6579.880	6749.800	PASS
	Ant3	6825	171.520	6740.520	6912.040	PASS
	Ant4	6825	168.640	6740.520	6909.160	PASS
	Ant5	6825	168.320	6740.200	6908.520	PASS
	Ant6	6825	169.600	6740.520	6910.120	PASS
Ant3	6985	170.880	6899.560	7070.440	PASS	
Ant4	6985	169.600	6899.560	7069.160	PASS	
Ant5	6985	171.520	6899.240	7070.760	PASS	
Ant6	6985	170.880	6899.240	7070.120	PASS	
11BE320MIMO	Ant3	6265	336.000	6098.600	6434.600	PASS
	Ant4	6265	338.560	6096.680	6435.240	PASS
	Ant5	6265	337.280	6097.320	6434.600	PASS
	Ant6	6265	337.920	6096.040	6433.960	PASS
	Ant3	6585	336.640	6416.680	6753.320	PASS
	Ant4	6585	336.000	6416.040	6752.040	PASS
	Ant5	6585	341.760	6410.280	6752.040	PASS
	Ant6	6585	336.000	6416.680	6752.680	PASS
	Ant3	6905	339.840	6734.120	7073.960	PASS
	Ant4	6905	337.920	6734.120	7072.040	PASS
	Ant5	6905	340.480	6734.120	7074.600	PASS
	Ant6	6905	337.920	6735.400	7073.320	PASS

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

### 11.1.2. Test Graphs





**11BE20MIMO\_Ant4\_6275**



**11BE20MIMO\_Ant3\_6415**

