

**CFR 47 FCC PART 15 SUBPART E
ISED RSS-247 Issue 3**

TEST REPORT

For

Wi-Fi/BT Transceiver

MODEL NUMBER: WCF931M

REPORT NUMBER: 4791508372-RF-2

ISSUE DATE: January 17, 2025

**FCC ID:A3LWCF931M
IC:649E-WCF931M**

Prepared for

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	January 17, 2025	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
ON TIME AND DUTY CYCLE	ANSI C63.10-2013, Clause 12.2	None; for reporting purposes only.	Pass
6dB AND 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e), RSS-247 Issue 3, Clause 6.2.1.2 RSS-Gen Clause 6.7	Pass
CONDUCTED OUTPUT POWER	KDB 789033 D02 v02r01 Section E.3.a (Method PM)/KDB 789033 D02 v02r01 Section E.3.a (Method PM) Section E.2.d (Method SA-2)	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
POWER SPECTRAL DENSITY	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2.	FCC 15.207 RSS-GEN Clause 8.8	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-247 Clause 6.2 RSS-GEN Clause 8.9	Pass
FREQUENCY STABILITY	ANSI C63.10-2013, Clause 6.8	FCC 15.407 (g)	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2), RSS-Gen Issue 5, Clause 6.8	Pass

Note:

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

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

*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART E

ISED RSS-247 Issue 3> when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: FCC: Samsung Electronics Co Ltd/IC: SAMSUNG
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United States
IC: 129 Samsung-ro, Yeongtong-gu, Suwon-Si Gyeonggi-do
16677 Korea (Republic Of)

Manufacturer Information

Company Name 1: CHEMTRONICS CO., LTD.
Address 1: 35, Buk-ri, Namsa-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do,
Korea

Company Name 2: CHEMTROVINA COMPANYLIMITED
Address 2: Nhon Trach 2 - Loc Khang IZ, Hiep Phuoc Town, Nhon Trach
District,, Dong Nai Province, Vietnam

Company Name 3: SJIT CO., LTD.
Address 3: #54-11, Dongtanhana 1gil, Hwaseong-si, Gyeonggi-Do, Korea

Company Name 4: SJIT VINA Co., Ltd
Address 4: Lot X2, Ho Nai Industrial Zone, Ho Nai 3 Commune, Trang Bom
District, Dong Nai Province, Vietnam

Company Name 5: Chengdu Xuguang Technology Co.,Ltd.
Address 5: No 86 2nd Sction, Park Road,Longquanyi District, Chengdu City,
Sichuan Pravince,P.R.China

Company Name 6: XUGUANG TECHNOLOGY (VIETNAM) COMPANY LIMITED
Address 6: Factory No.4, Lot CN1, An Duong Industrial Park.Hong Phong
Commune, An Duong District, Hai Phong City, Vietnam

EUT Information

EUT Name: Wi-Fi/BT Transceiver
Model: WCF931M
Brand: Samsung
Sample Received Date: October 18, 2024
Sample Status: Normal
Sample ID: 7689937
Date of Tested: November 02, 2024 to January 17, 2025

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART E ISED RSS-247 Issue 3	Pass

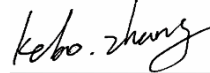
Prepared By:



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Checked By:



Kebo Zhang

Senior Project Engineer

Approved By:



Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART E ISSED RSS-247 Issue 3, ANSI C63.10-2013, CFR 47 FCC Part 2, KDB 789033 D02 v02r01, RSS-GEN Issue 5, KDB414788 D01 Radiated Test Site v01, KDB 662911 D01 Multiple Transmitter Output v02r01, KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02, KDB 905462 D03 UNII clients without radar detection New Rules v01r02, KDB 905462 D04 Operational Modes for DFS Testing New Rules v01 and KDB 905462 D06 802 11 Channel Plans New Rules v02.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155
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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%
Dynamic Frequency Selection	±1.01 dB
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Wi-Fi/BT Transceiver
Model	WCF931M
Frequency Range:	5180 MHz to 5240 MHz 5 745 MHz to 5 825 MHz
DFS Operational mode:	Master
Type of Modulation:	IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDM(1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be: OFDM(4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Radio Modulation:	IEEE 802.11a/n HT20/n HT40/ac VHT20/ac VH40/ac VHT80/ax HE 20/ax HE40/ax H80/be EHT20/be EHT40/be EHT80
Normal Test Voltage:	DC 5V

5.2. CHANNEL LIST

UNII-1 (For Bandwidth=20MHz)		UNII-1 (For Bandwidth=40MHz)		UNII-1 (For Bandwidth=80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

UNII-3 (For Bandwidth=20MHz)		UNII-3 (For Bandwidth=40MHz)		UNII-3 (For Bandwidth=80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

5.3. MAXIMUM POWER

UNII-1 BAND(FCC&ISED)

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Max Average EIRP (dBm)
a	5150 ~ 5250	17.55	18.53
n HT20		17.54	18.52
n HT40		17.51	18.49
ac VHT80		17.02	18.00
ax HE20		17.37	18.35
ax HE40		17.73	18.71
ax HE80		17.00	17.98
be EHT20		17.35	18.33
be EHT40		17.55	18.53
be EHT80		14.17	15.15

UNII-3 BAND(FCC&ISED)

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)
a	5725 ~ 5850	20.19
n HT20		22.58
n HT40		21.51
ac VHT80		20.38
ax HE20		22.64
ax HE40		20.19
ax HE80		19.34
be EHT20		21.92
be EHT40		22.01
be EHT80		16.32

5.4. TEST CHANNEL CONFIGURATION

UNII-1 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz
802.11ac VHT80	CH 42(Low Channel)	5210 MHz
802.11ax HE20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11ax HE40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz
802.11ax HE80	CH 42(Low Channel)	5210 MHz
802.11be EHT20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11be EHT40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz
802.11be EHT80	CH 42(Low Channel)	5210 MHz

UNII-3 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz
802.11ac VHT80	CH 155(Low Channel)	5775 MHz
802.11ax HE20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11ax HE40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz
802.11ax HE80	CH 155(Low Channel)	5775 MHz
802.11be EHT20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11be EHT40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz
802.11be EHT80	CH 155(Low Channel)	5775 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter			
Test Software		QA tool	
Mode	Freq(MHz)	Tx power setting for MIMO	Tx power setting for SISO
		ANT1&2	ANT1
802.11a	5180	/	14.5
	5200	/	14.5
	5240	/	14.5
	5745	/	17
	5785	/	17
	5825	/	17
802.11n 20M	5180	9.5	14
	5200	9.5	14
	5240	9.5	14
	5745	17	17
	5785	17	17
	5825	17	17
802.11n 40M	5190	13	14
	5230	14	14
	5755	17	17
	5795	17	17
802.11ac 80M	5210	14	14
	5775	16.5	16.5
802.11ax 20M	5180	9.5	14
	5200	9.5	14
	5240	10	14
	5745	17	17
	5785	17	17
	5825	17	17
802.11ax 40M	5190	13	14
	5230	13.5	14
	5755	16	16
	5795	16.5	16.5
802.11ax 80M	5210	14	14
	5775	16	16
802.11be 20M	5180	10.5	14
	5200	10.5	14
	5240	11	14

	5745	17	17
	5785	17	17
	5825	17	17
802.11be 40M	5190	12	14
	5230	12	14
	5755	17	17
	5795	17	17
802.11be 80M	5210	14	14
	5775	12.5	14

5.6. WORSE CASE CONFIGURATIONS

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

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

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

802.11a 20 mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0
802.11ac VHT20 mode: MCS0
802.11ac VHT40 mode: MCS0
802.11ac VHT80 mode: MCS0
802.11ax HE20 mode: MCS0
802.11ax HE40 mode: MCS0
802.11ax HE80 mode: MCS0
802.11be EHT20 mode: MCS0
802.11be EHT40 mode: MCS0
802.11be EHT80 mode: MCS0

802.11a only support SISO mode.

802.11n HT20/HT40/ac VHT20/VHT40/VHT80/ax HE20/HE40/HE80/be EHT20/EHT40/EHT80 support SISO and MIMO mode.

802.11ac VHT20 and VHT40 mode are different from 802.11nHT20 and HT40 only in control messages, so for these 4 modes, only 802.11n HT20 and 802.11n HT40 worst case power modes radiated emission test data are recorded in the report .

The EUT has 3 separate antennas which correspond to 3 separate antenna ports. Core 0, Core 1 and Core 2 correspond to antenna 0, antenna 1 and antenna 2 respectively. Antenna 0 is the BT antenna. Antenna 1 and Antenna 2 are the WIFI antennas. Only antenna 1 supports WIFI 5G SISO mode. Only antenna 2 supports WIFI 6G SISO mode.

802.11n/ac/ax/be SISO mode and MIMO mode have the same power setting, so only the worst case power mode(MIMO) will be record in the report. SISO mode at higher power settings is tested only when the MIMO power setting is lower than expected for SISO.

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

Duty cycle and 26dB/6dB DTS bandwidth/occupied channel bandwidth tests, only SISO mode and one chain were tested since the duty cycle and bandwidth does not change depending on chains used.

Conducted output power, power spectral density tests separately on each port with all supported SISO & MIMO port combinations.

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

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Frequency Band	Antenna 1 Gain (dBi)	Antenna 2 Gain (dBi)	Antenna Type
UNII 1	0.98	0.69	Metal Antenna
UNII 3	0.04	1.56	

The EUT support Cyclic Shift Diversity(CDD) mode.

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

For example:

For UNII 1 output power measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 0.98 \text{ dBi}$

G_{ANT} : equal to the gain of the antenna having the highest gain

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For UNII 1 power spectral density (PSD) measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 3.99 \text{ dBi}$

Array Gain = $10 \log(N_{ANT}/N_{SS}) \text{ dB}$.

N_{ANT} : number of transmit antennas

N_{SS} : number of spatial streams, The worst case directional gain will occur when $N_{SS} = 1$

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11a	☒ 1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
802.11n HT20	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11n HT40	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ac VHT20	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ac VHT40	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ac VHT80	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE20	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.

802.11ax HE40	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE80	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11be EHT20	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11be EHT40	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11be EHT80	☒ 2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
Note: 1. Only WIFI 5G&WIFI 6G can transmit simultaneously. (declared by client)		

5.8. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remark
1	PC	Lenovo	E14	/
2	AC Adaptor	Lenovo	ADLX65YCC3D	Input: AC 100-240V, 1.8A, 50-60Hz Output: DC 20V, 3.25A, 65.0W Max

I/O CABLES

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

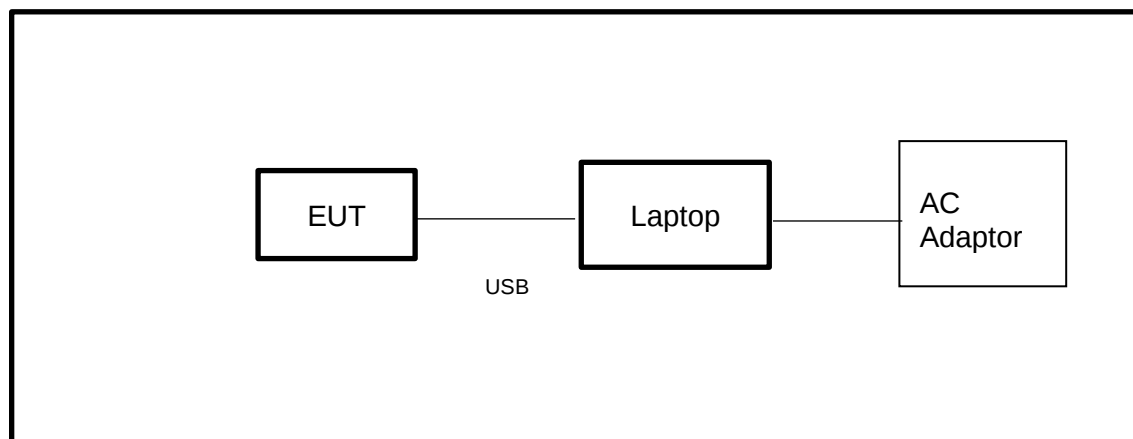
ACCESSORIES

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

TEST SETUP

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

SETUP DIAGRAM FOR TESTS



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

6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Mar.25,2024	Mar.24,2025
Vector Signal Generator	R&S	SMBV100A	261637	Sep.28, 2024	Sep.27, 2025
Signal Generator	R&S	SMB100A	178553	Sep.28, 2024	Sep.27, 2025
Signal Analyzer	R&S	FSV40	101118	Sep.28, 2024	Sep.27, 2025
Software					
Description	Manufacturer		Name		Version
For R&S TS 8997 Test System	Rohde & Schwarz		EMC 32		10.60.10
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.13, 2024	Sep.12, 2025
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Sep.28, 2024	Sep.27, 2025
DC power supply	Keysight	E3642A	MY55159130	Sep.28, 2024	Sep.27, 2025
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Sep.28, 2024	Sep.27, 2025
Attenuator	Aglient	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025
RF Control Unit	Tonscend	JS0806-2	23B80620666	Mar.25,2024	Mar.24,2025
Software					
Description	Manufacturer	Name		Version	
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System		V3.2.22	

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

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep.28, 2024	Sep.27, 2025
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	Sep.28, 2024	Sep.27, 2025
EMI Measurement Receiver	R&S	ESR26	101377	Sep.28, 2024	Sep.27, 2025
Horn Antenna	TDK	HRN-0118	130939	Apr.29, 2022	Apr.28, 2025
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep.28, 2024	Sep.27, 2025
Horn Antenna	Schwarzbeck	BBHA9170	697	Jun 30, 2024	Jun 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep.28, 2024	Sep.27, 2025
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep.28, 2024	Sep.27, 2025
Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV20-5440-5470-5725-5755-60SS	1	Sep.28, 2024	Sep.27, 2025

Software			
Description	Manufacturer	Name	Version
Test Software for Radiated Emissions	Farad	EZ-EMC	Ver. UL-3A1

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

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

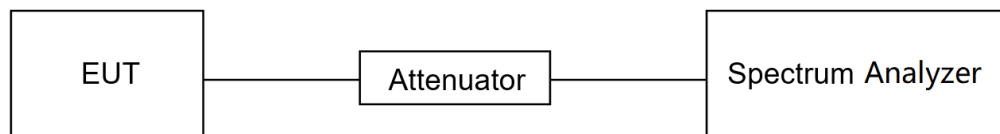
None; for reporting purposes only.

TEST PROCEDURE

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.9°C	Relative Humidity	52.9%
Atmosphere Pressure	101kPa	Test Voltage	DC 5 V

TEST DATE / ENGINEER

Test Date	November 2, 2024	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix G

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

LIMITS

CFR 47 FCC Part15, Subpart E ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	For reporting purposes only.	5150 ~ 5250
26 dB Emission Bandwidth	For reporting purposes only.	5250 ~ 5350
26 dB Emission Bandwidth	For reporting purposes only.	5470 ~ 5725 (For FCC) 5470 ~ 5600 (For ISED) 5650 ~ 5725 (For ISED)
6 dB Emission Bandwidth	The minimum 6 dB emission bandwidth shall be 500 kHz.	5725 ~ 5850
99 % Occupied Bandwidth	For reporting purposes only.	5150 ~ 5825 (For ISED)

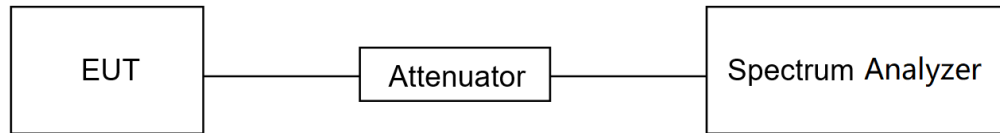
TEST PROCEDURE

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

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

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

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

TEST SETUP**TEST ENVIRONMENT**

Temperature	24.9℃	Relative Humidity	52.9%
Atmosphere Pressure	101kPa	Test Voltage	DC 5 V

TEST DATE / ENGINEER

Test Date	November 2, 2024	Test By	Bairong Liu
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TEST RESULTS

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

7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm) ☒ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☐ Client Devices: 250 mW (24 dBm)	5150 ~ 5250
	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250 ~ 5350 5470 ~ 5725
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power or e.i.r.p.	The maximum e.i.r.p. shall not exceed 200 mW (23 dBm) or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.	5150 ~ 5250
	a. The maximum conducted output power shall not exceed 250 mW (24 dBm) or $11 + 10 \log_{10} B$ dBm, whichever is less.	5250 ~ 5350 5470 ~ 5600 5650 ~ 5725
	b. The maximum e.i.r.p. shall not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$ dBm, whichever is less. B is the 99 % emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.	
	Shall not exceed 1 Watt (30 dBm). The e.i.r.p. shall not exceed 4 W	5725 ~ 5850

Note:

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

TEST PROCEDURE

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

Method SA-2 (trace averaging across ON and OFF times of the EUT transmissions, followed by duty cycle correction.):

- Measure the duty cycle D of the transmitter output signal.
- Set span to encompass the entire 26 dB EBW or 99% OBW of the signal.

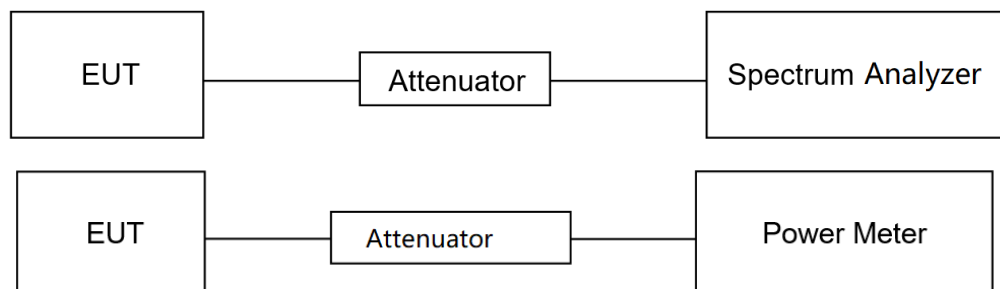
- (c) Set RBW = 1 MHz.
- (d) Set VBW $\geq$ 3 MHz.
- (e) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- (f) Sweep time = auto.
- (g) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (h) Do not use sweep triggering. Allow the sweep to “free run.”
- (i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
- j) Compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument’s band power measurement function with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.
- k) Add $[10 \log (1 / D)]$, where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add $[10 \log (1 / 0.25)] = 6 \text{ dB}$ if the duty cycle is 25%.

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 %).

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.9°C	Relative Humidity	52.9%
Atmosphere Pressure	101kPa	Test Voltage	DC 5 V

TEST DATE / ENGINEER

Test Date	November 2, 2024	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☒ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☐ Client Devices: 11 dBm/MHz	5150 ~ 5250
	11 dBm/MHz	5250 ~ 5350 5470 ~ 5725
	30 dBm/500kHz	5725 ~ 5850

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	5150 ~ 5250
	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.	5250 ~ 5350 5470 ~ 5600 5650 ~ 5725
	30 dBm / 500 kHz	5725 ~ 5850

Note:

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

TEST PROCEDURE

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

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

For U-NII-1, U-NII-2A and U-NII-2C band:

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	Average
Sweep time	Auto

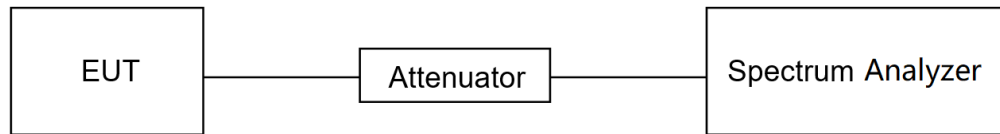
For U-NII-3:

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

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.9°C	Relative Humidity	52.9%
Atmosphere Pressure	101kPa	Test Voltage	DC 5 V

TEST DATE / ENGINEER

Test Date	November 2, 2024	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.5. FREQUENCY STABILITY

LIMITS

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

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -10 °C ~ 50 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

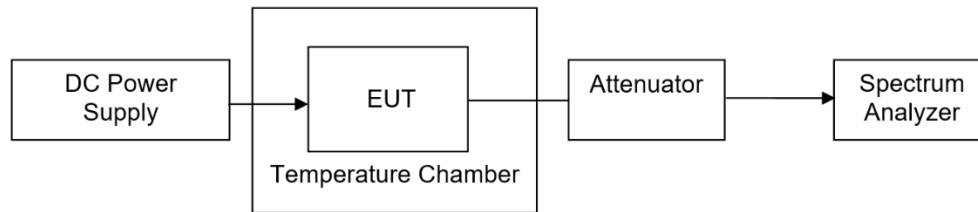
Connect the EUT to the spectrum analyzer and use the following settings:

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

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

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T _N (Normal Temperature): 24.9 °C	T _L (Low Temperature): -10 °C
		T _H (High Temperature): 50 °C
Supply Voltage	V _N (Normal Voltage): DC 5V	V _L (Low Voltage): DC 4.5V
		V _H (High Voltage): DC 5.5V

TEST SETUP**TEST ENVIRONMENT**

Temperature	24.9°C	Relative Humidity	52.9%
Atmosphere Pressure	101kPa	Test Voltage	DC 5 V

TEST DATE / ENGINEER

Test Date	November 2, 2024	Test By	Bairong Liu
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TEST RESULTS

Please refer to section "Test Data" - Appendix F

8. RADIATED TEST RESULTS

LIMITS

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

Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-247 6.2.

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 ^{Note 1}	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

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	10.6 - 12.7
3.020 - 3.026	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 - 5460	
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
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

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

²Above 38.6c

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

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

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the

applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

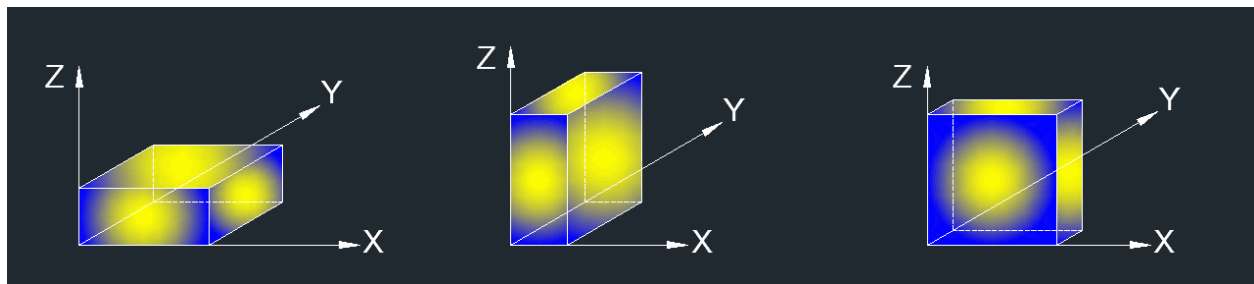
Above 1 GHz

The setting of the spectrum analyzer

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

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

X axis, Y axis, Z axis positions:



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

For Restricted Bandedge:

Note:

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

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

Note:

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

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

Note:

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

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

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

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

Note:

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

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

Note:

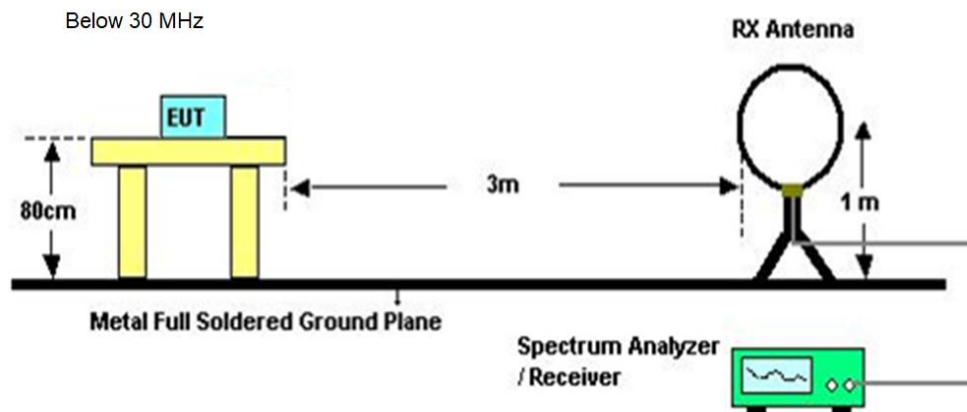
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

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

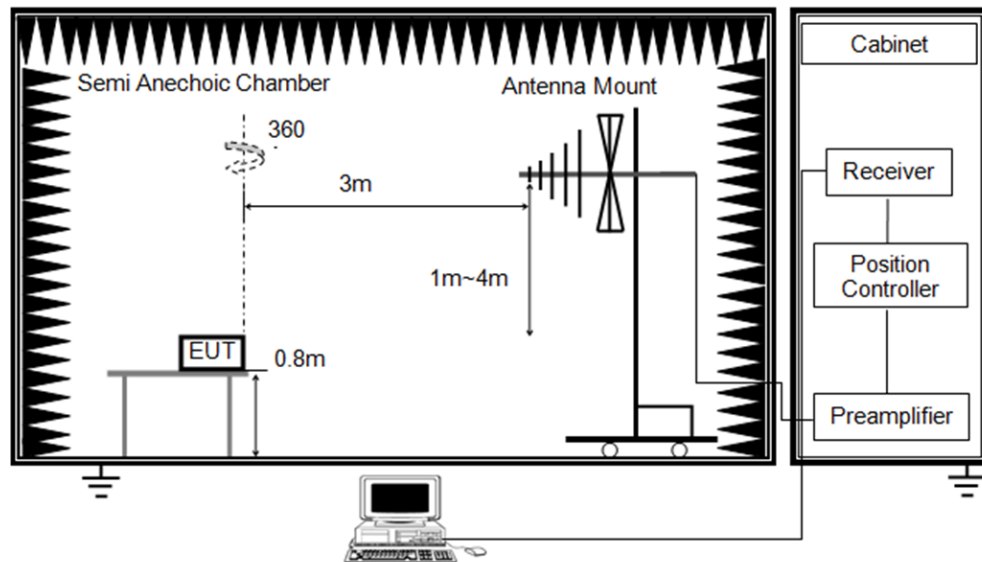
Note:

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

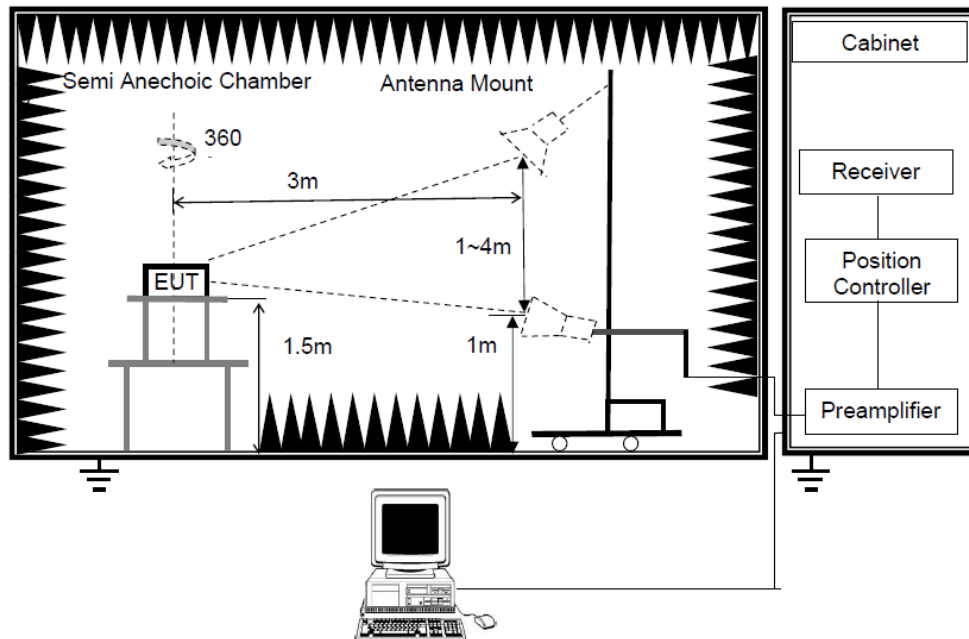
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	21.1℃	Relative Humidity	58.7%
Atmosphere Pressure	101kPa	Test Voltage	

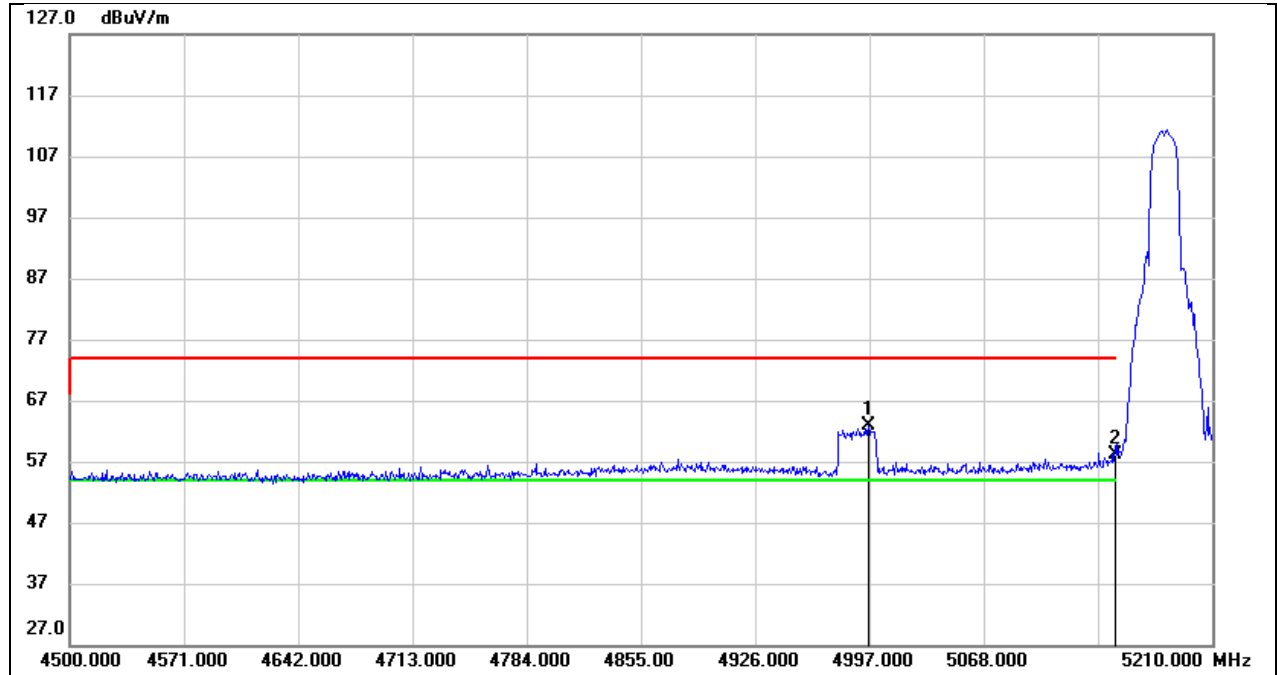
TEST DATE / ENGINEER

Test Date	November 9, 2024	Test By	Mason Wang
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TEST RESULTS

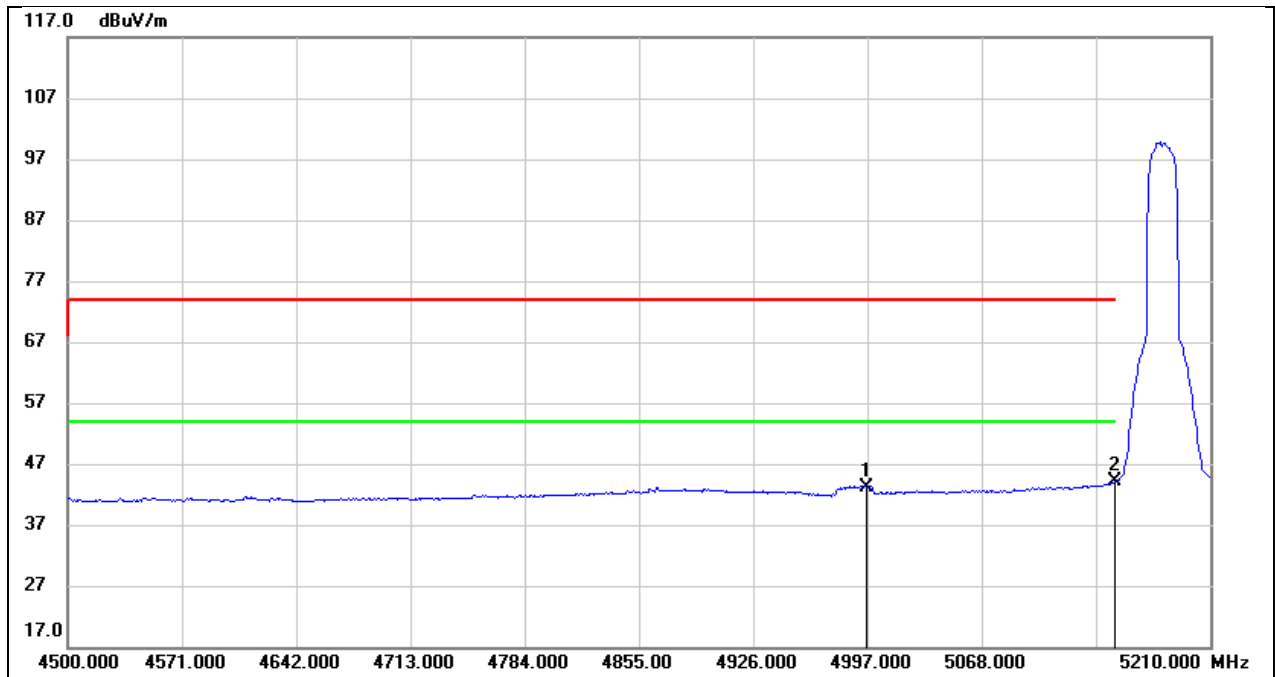
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11a 20 PK	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



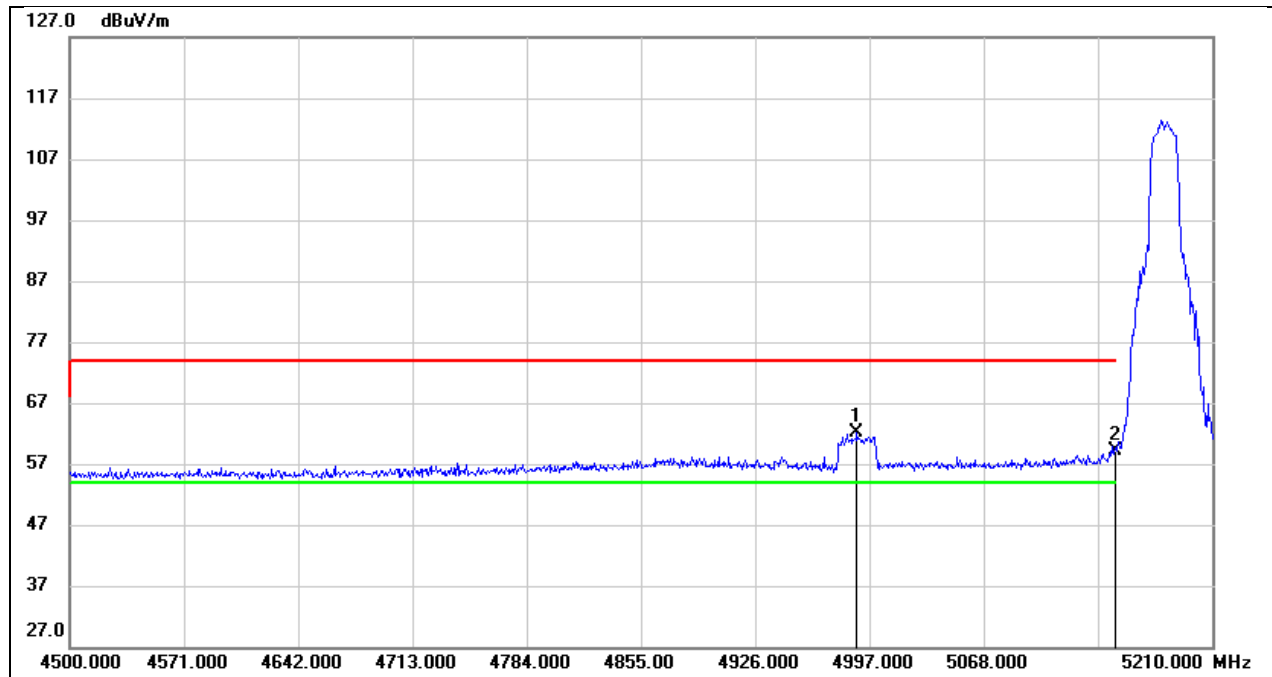
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4996.290	24.22	38.59	62.81	74.00	-11.19	peak
2	5150.000	19.19	38.84	58.03	74.00	-15.97	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



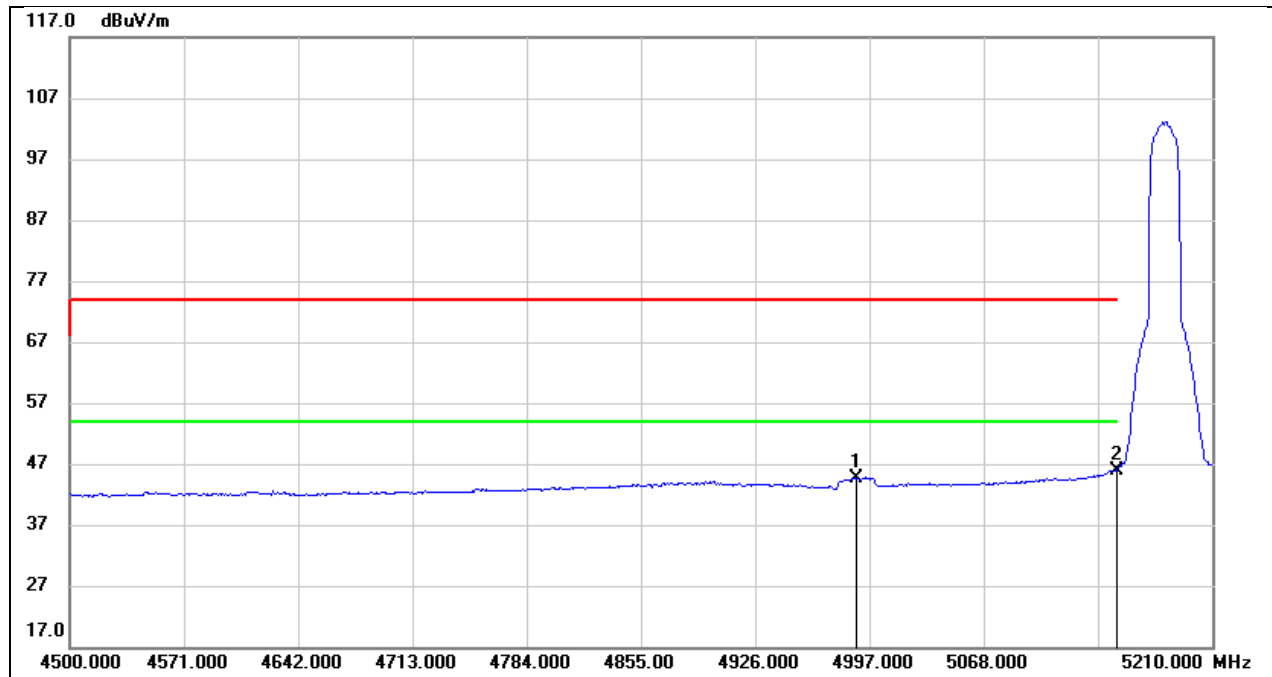
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4996.290	4.63	38.59	43.22	54.00	-10.78	AVG
2	5150.000	5.27	38.84	44.11	54.00	-9.89	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



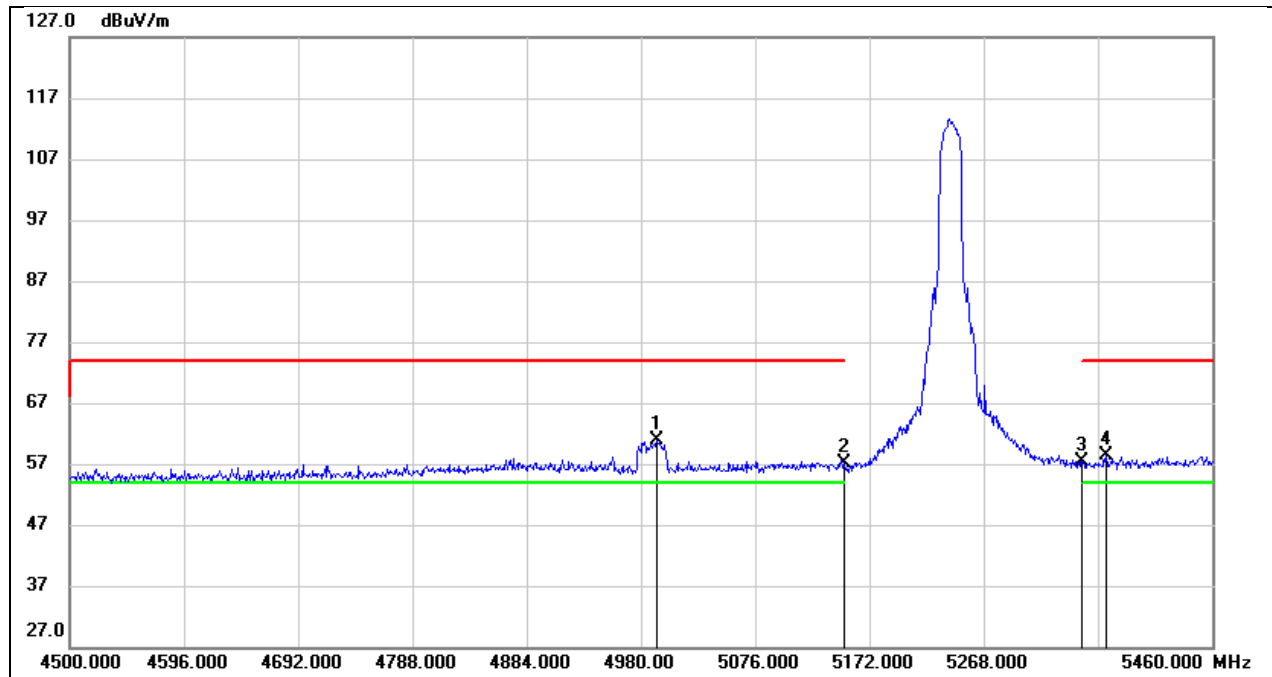
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4989.190	22.38	39.78	62.16	74.00	-11.84	peak
2	5150.000	18.97	40.04	59.01	74.00	-14.99	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



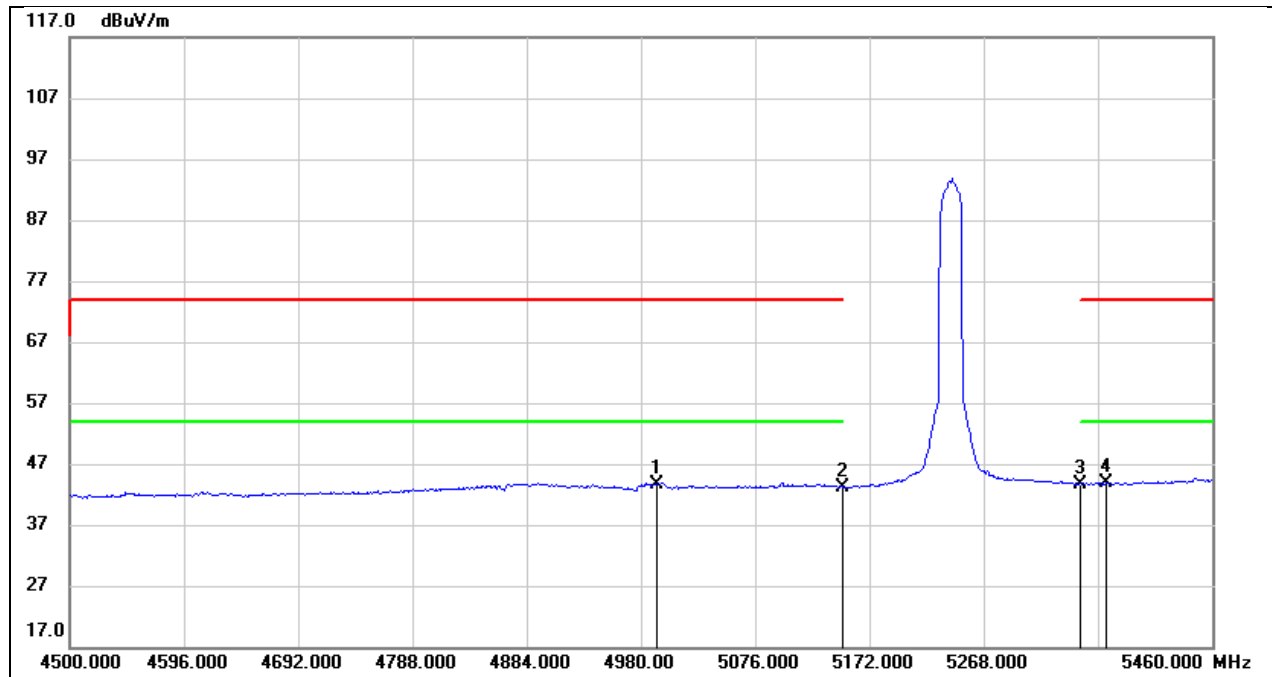
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4989.190	4.77	39.78	44.55	54.00	-9.45	AVG
2	5150.000	5.96	40.04	46.00	54.00	-8.00	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



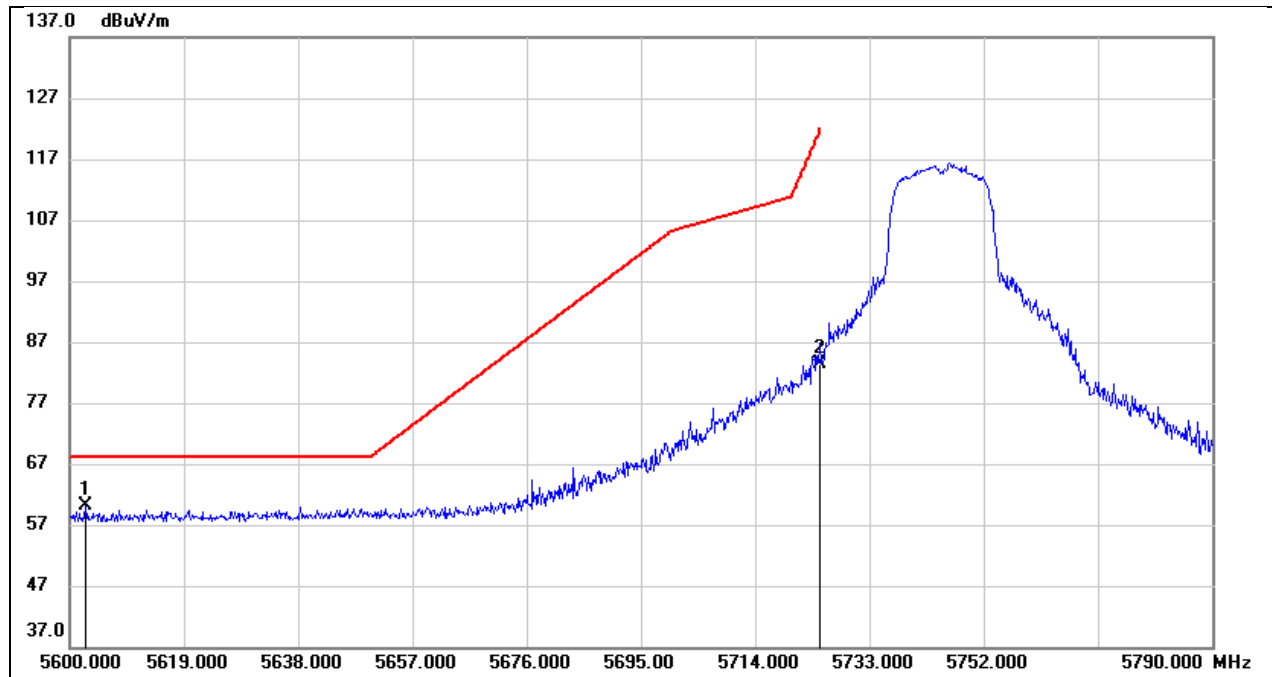
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4993.440	21.13	39.79	60.92	74.00	-13.08	peak
2	5150.000	17.06	40.04	57.10	74.00	-16.90	peak
3	5350.000	16.77	40.49	57.26	74.00	-16.74	peak
4	5370.720	17.74	40.54	58.28	74.00	-15.72	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



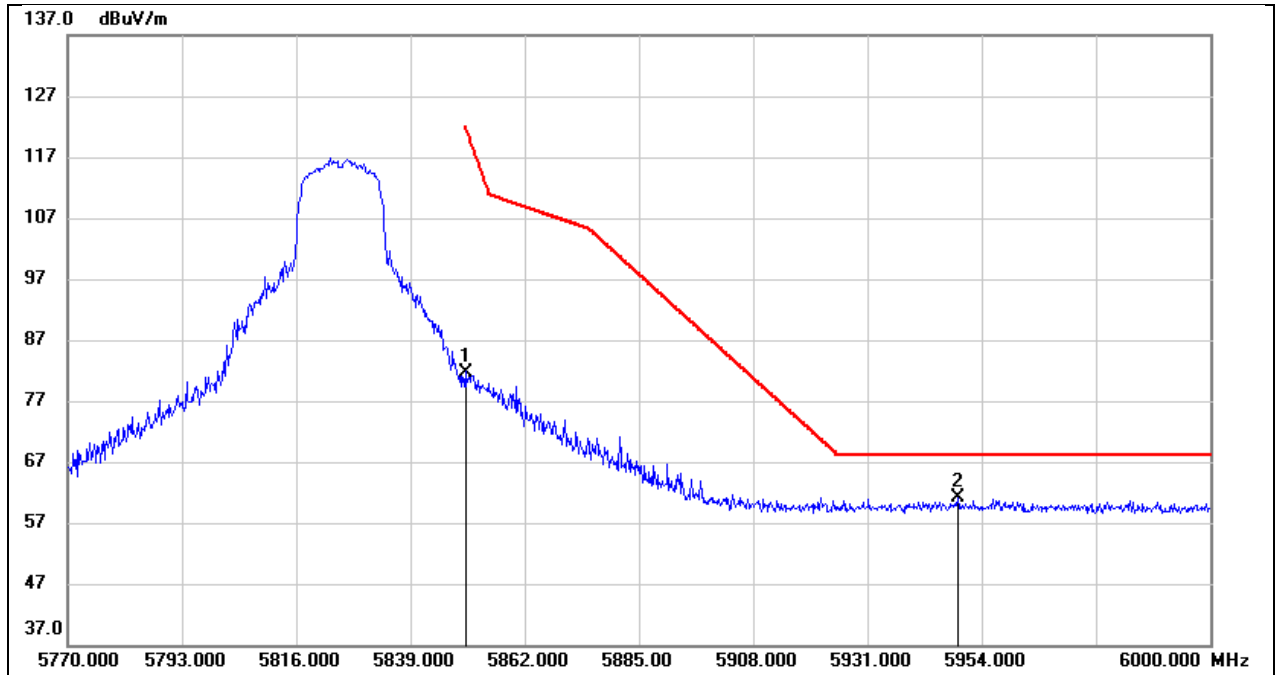
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4993.440	3.76	39.79	43.55	54.00	-10.45	AVG
2	5150.000	3.21	40.04	43.25	54.00	-10.75	AVG
3	5350.000	3.15	40.49	43.64	54.00	-10.36	AVG
4	5370.720	3.28	40.54	43.82	54.00	-10.18	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



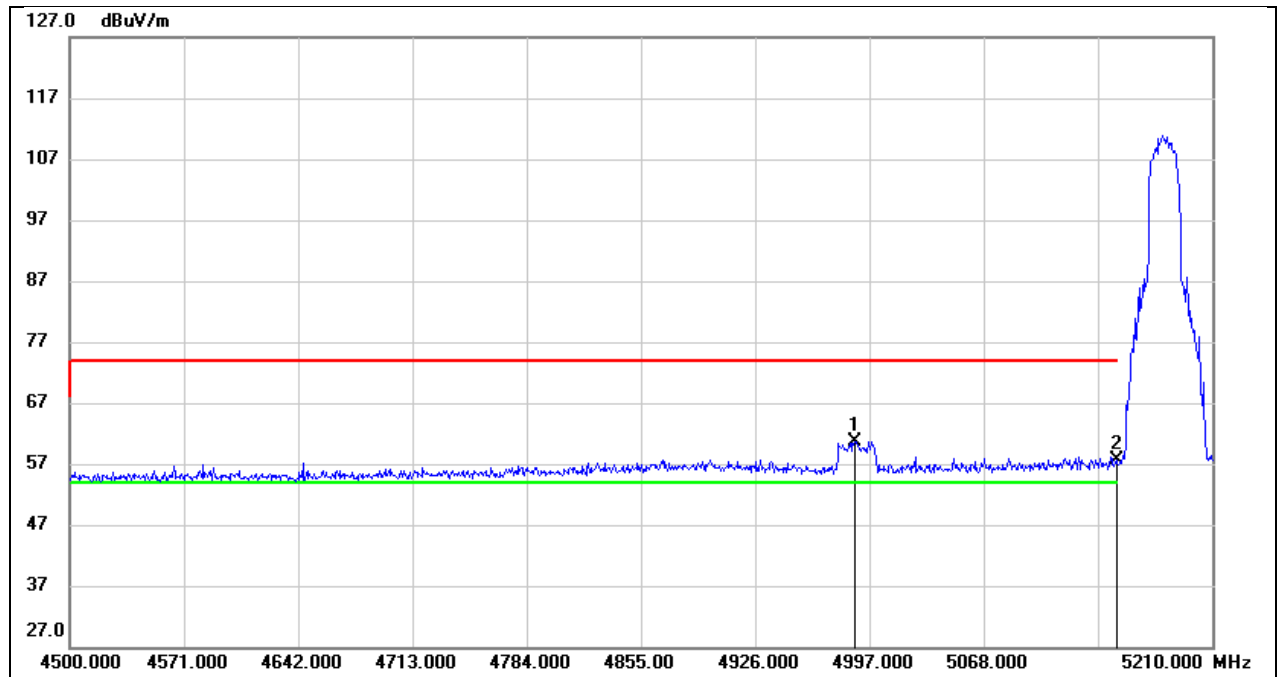
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5602.660	18.94	41.09	60.03	68.20	-8.17	peak
2	5725.000	42.16	41.20	83.36	122.20	-38.84	peak

Test Mode:	802.11a 20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



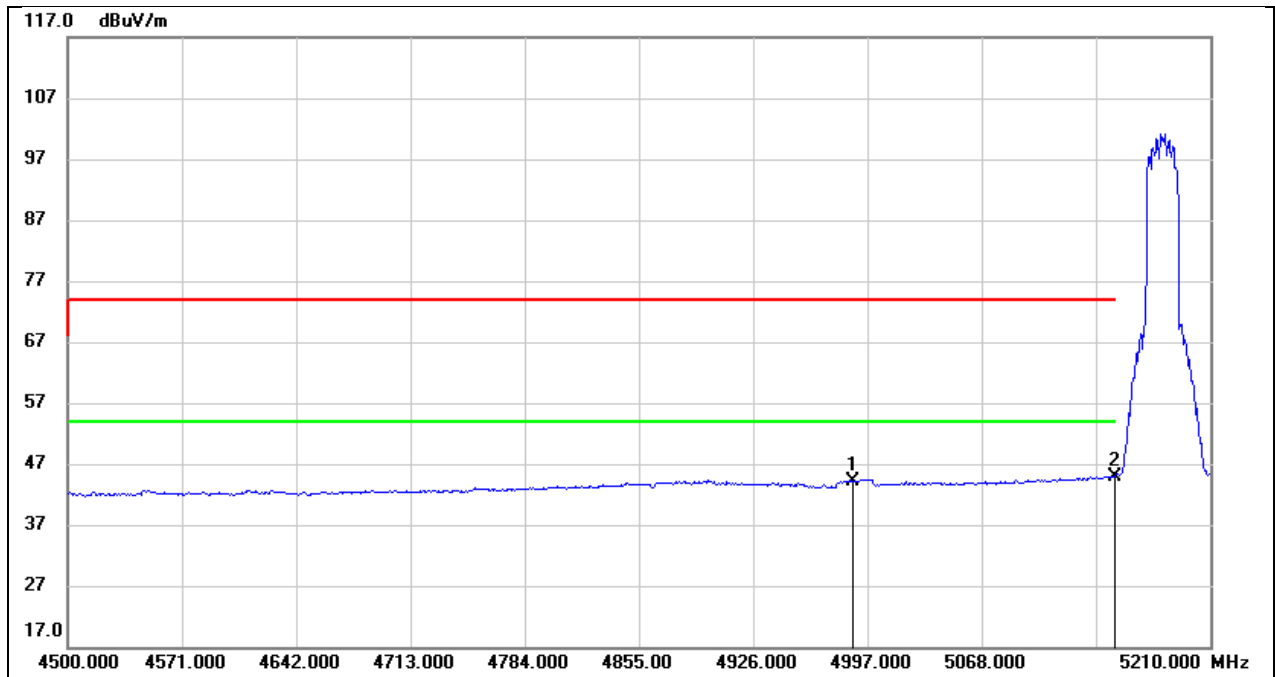
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	40.39	41.36	81.75	122.20	-40.45	peak
2	5949.170	19.58	41.55	61.13	68.20	-7.07	peak

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



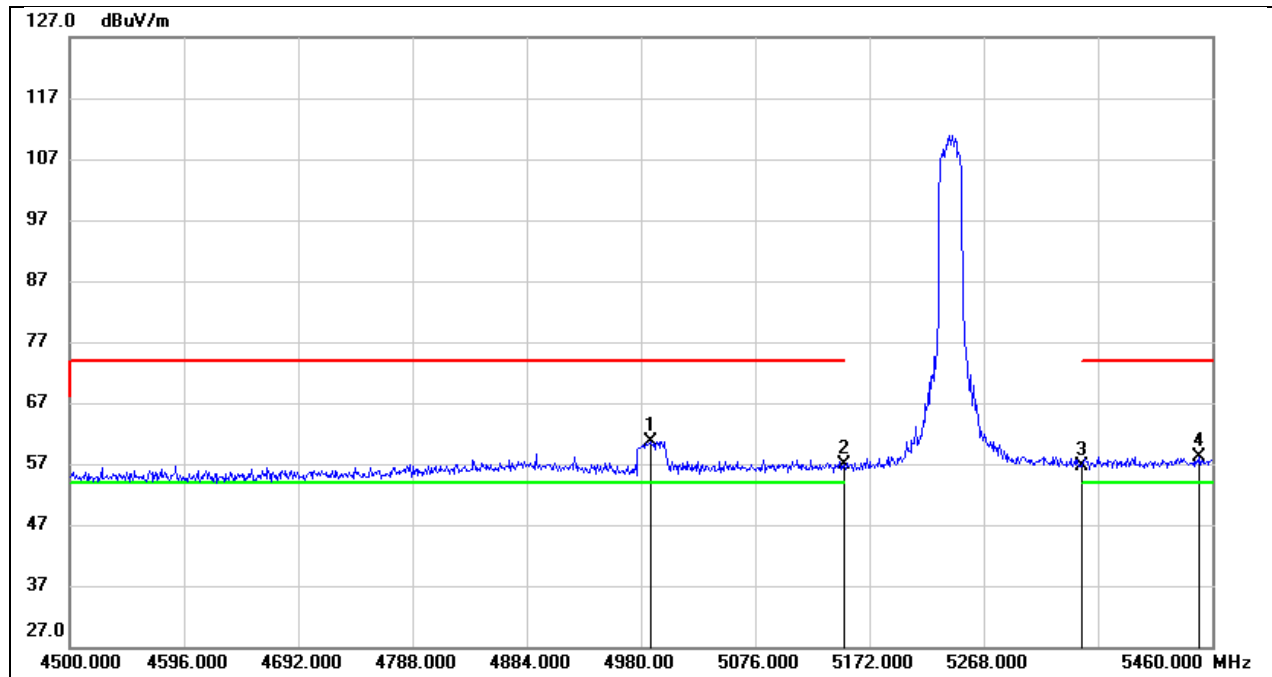
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4987.770	20.95	39.77	60.72	74.00	-13.28	peak
2	5150.000	17.47	40.04	57.51	74.00	-16.49	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



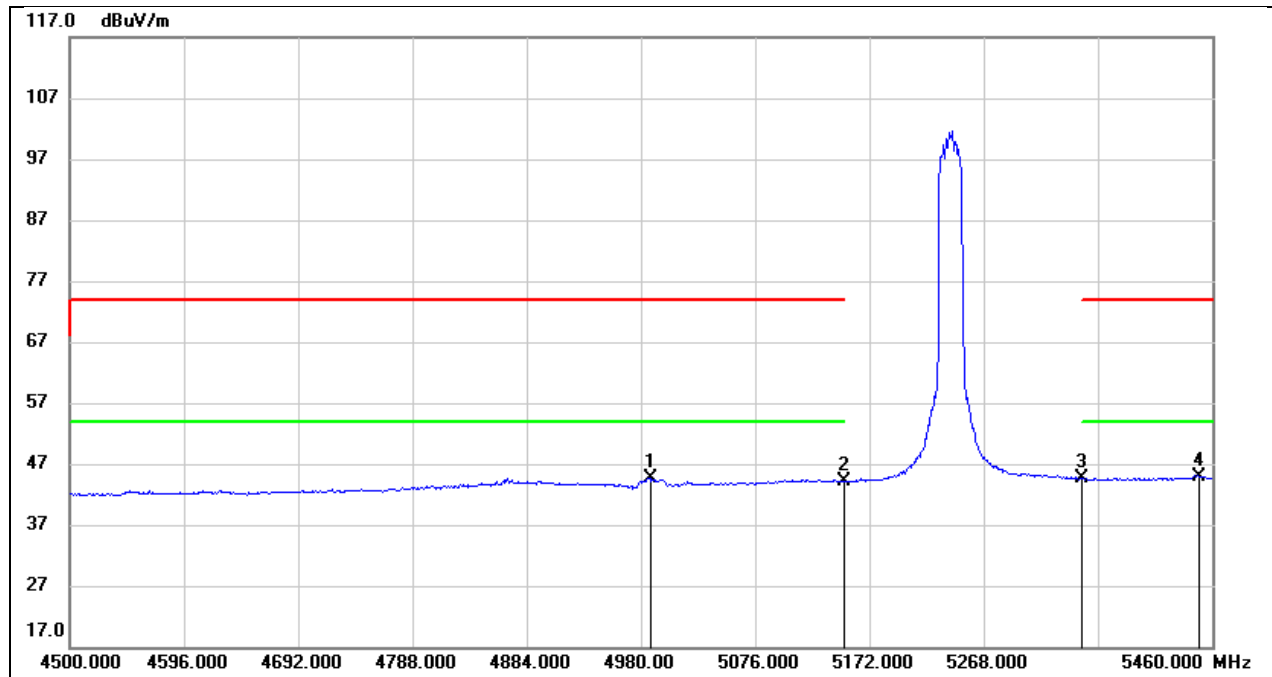
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4987.770	4.40	39.77	44.17	54.00	-9.83	AVG
2	5150.000	4.86	40.04	44.90	54.00	-9.10	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



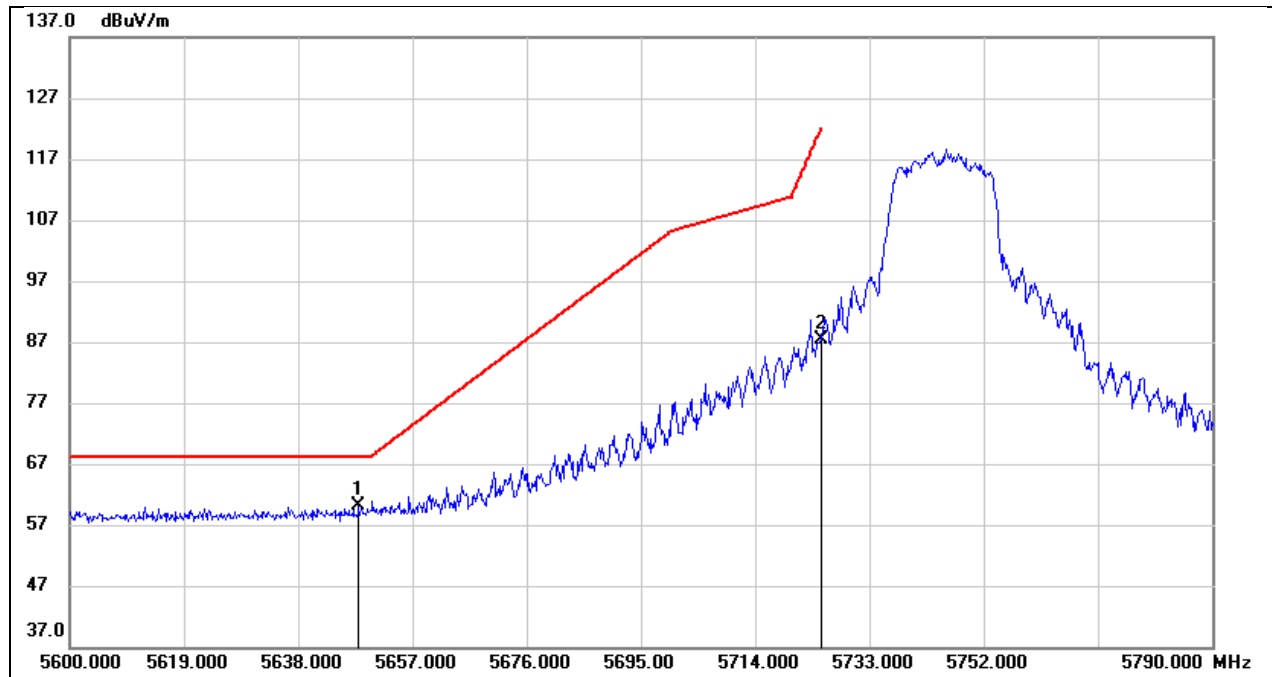
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4987.680	20.95	39.77	60.72	74.00	-13.28	peak
2	5150.000	16.83	40.04	56.87	74.00	-17.13	peak
3	5350.000	16.22	40.49	56.71	74.00	-17.29	peak
4	5449.440	17.49	40.74	58.23	74.00	-15.77	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



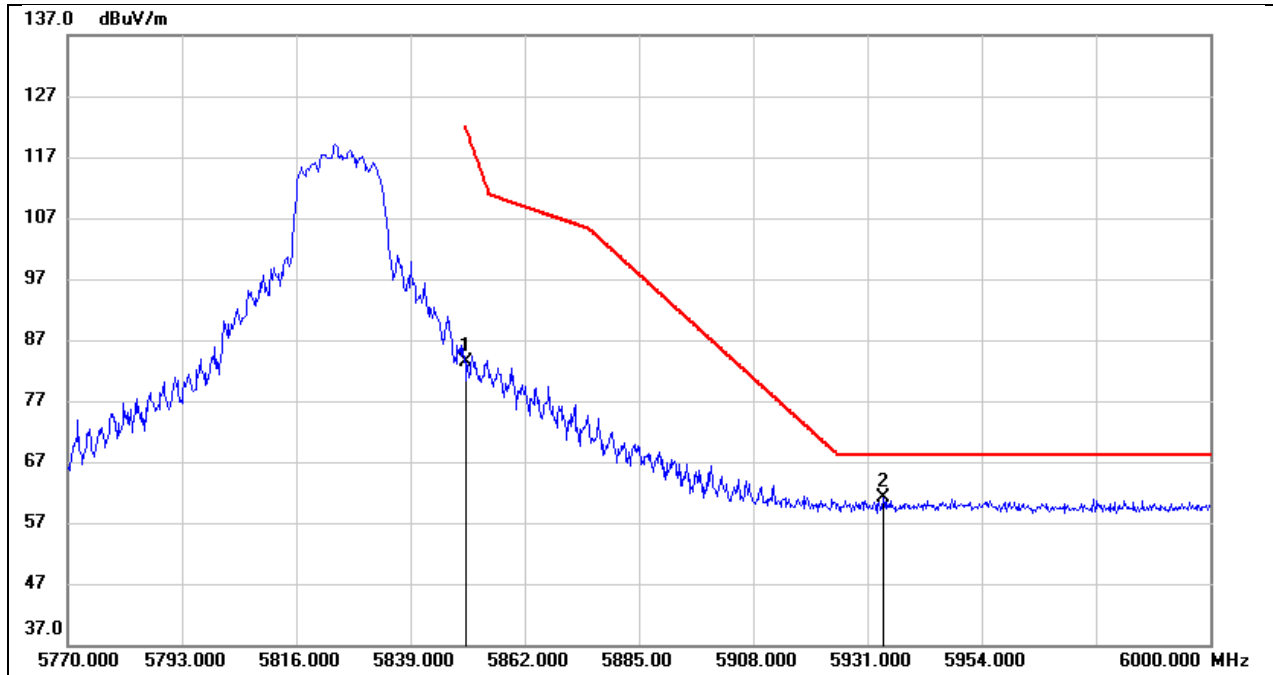
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4987.680	4.84	39.77	44.61	54.00	-9.39	AVG
2	5150.000	4.13	40.04	44.17	54.00	-9.83	AVG
3	5350.000	4.06	40.49	44.55	54.00	-9.45	AVG
4	5449.440	4.19	40.74	44.93	54.00	-9.07	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



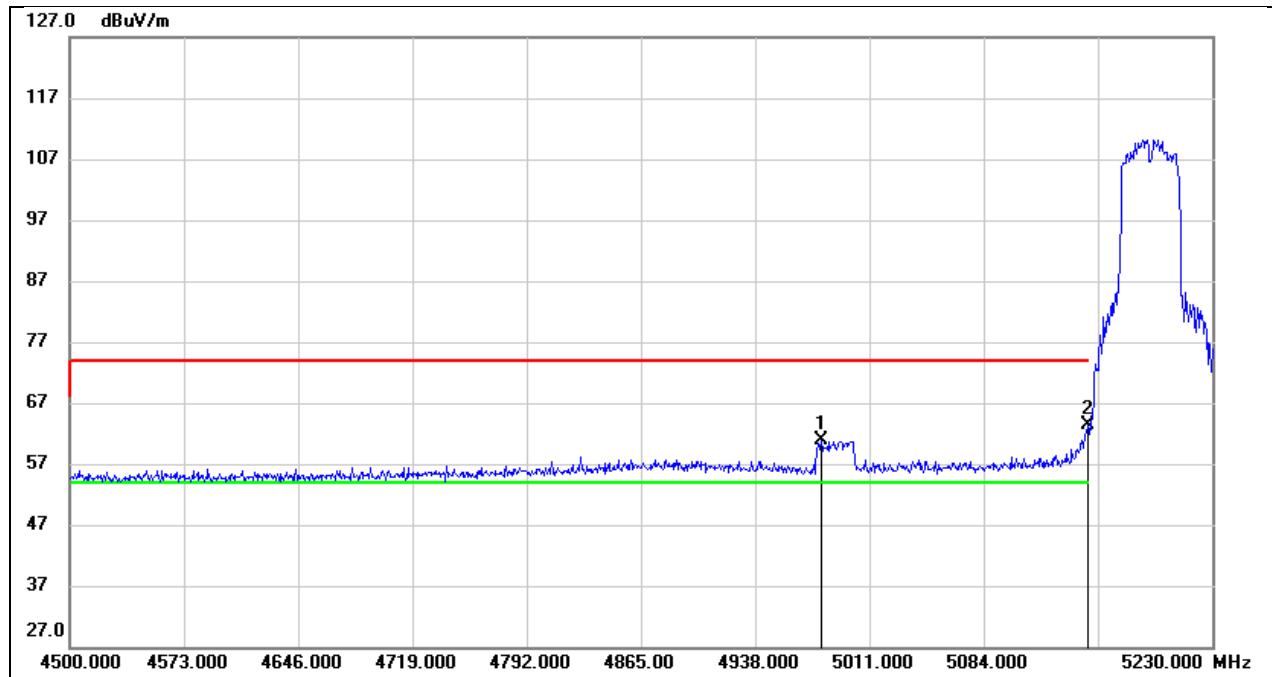
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.070	19.04	41.13	60.17	68.20	-8.03	peak
2	5725.000	46.26	41.20	87.46	122.20	-34.74	peak

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



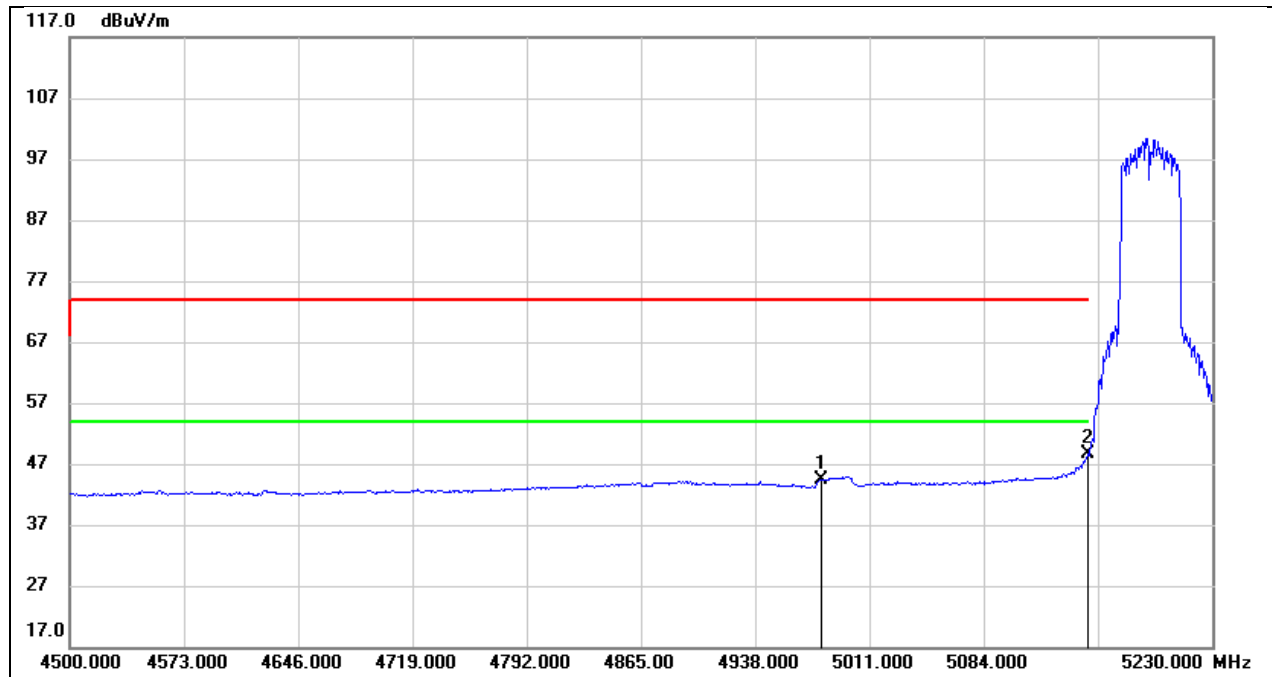
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	42.11	41.36	83.47	122.20	-38.73	peak
2	5934.220	19.51	41.52	61.03	68.20	-7.17	peak

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



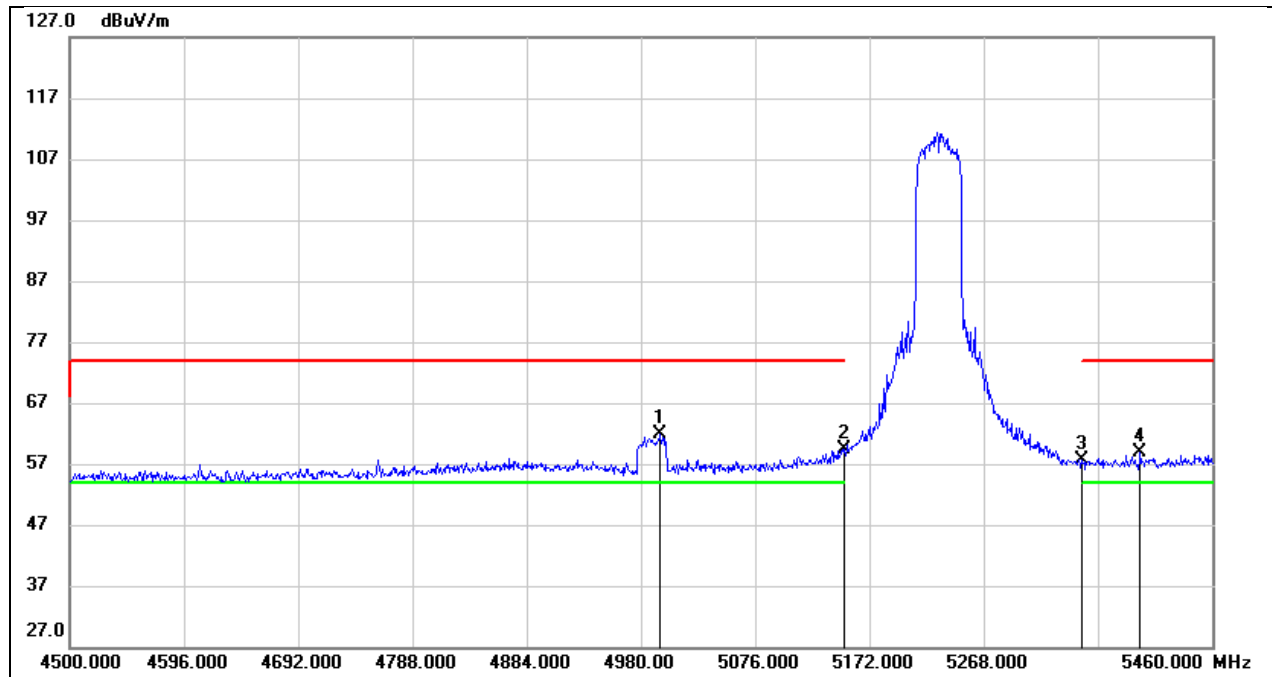
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4980.340	21.03	39.75	60.78	74.00	-13.22	peak
2	5150.000	23.27	40.04	63.31	74.00	-10.69	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



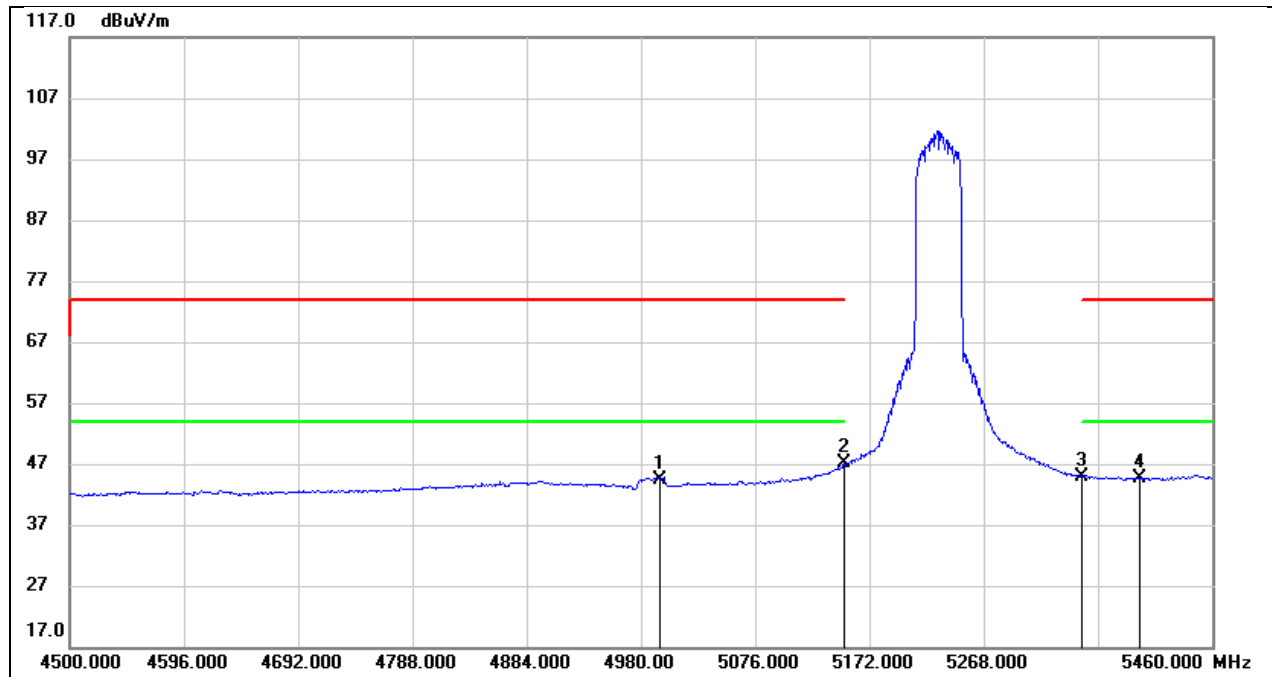
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4980.340	4.72	39.75	44.47	54.00	-9.53	AVG
2	5150.000	8.61	40.04	48.65	54.00	-5.35	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



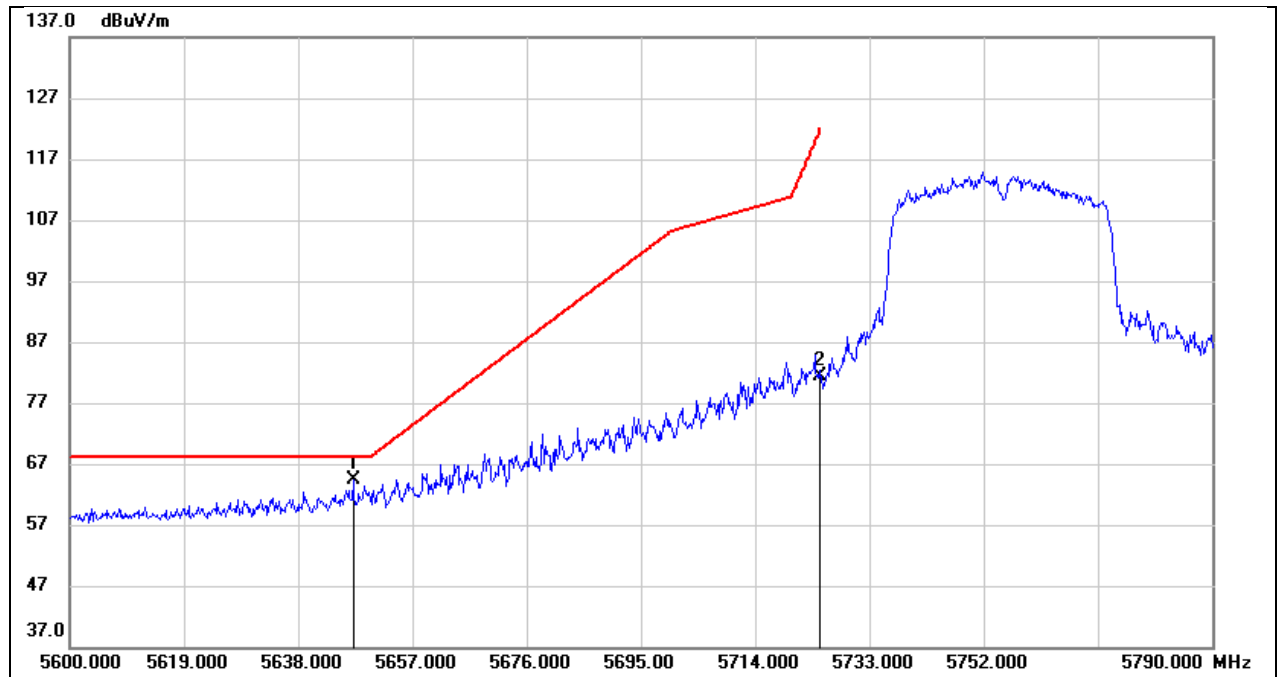
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4996.320	22.14	39.79	61.93	74.00	-12.07	peak
2	5150.000	19.35	40.04	59.39	74.00	-14.61	peak
3	5350.000	17.03	40.49	57.52	74.00	-16.48	peak
4	5399.520	18.15	40.62	58.77	74.00	-15.23	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



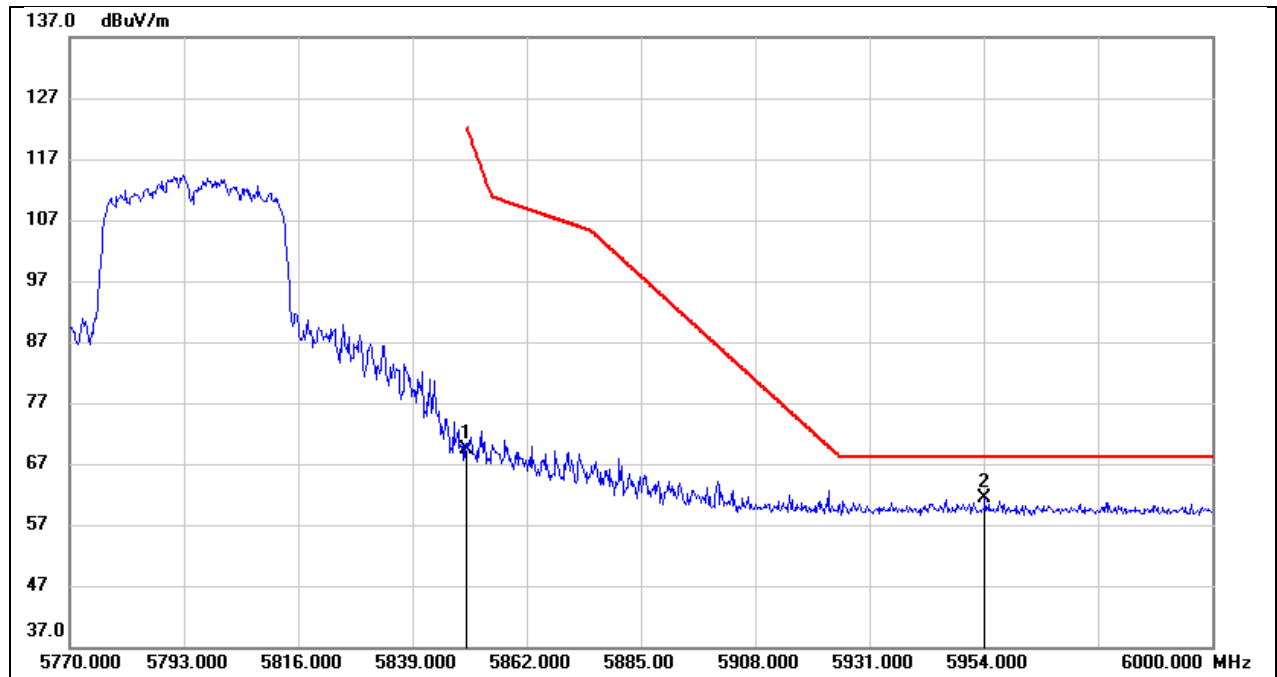
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4996.320	4.58	39.79	44.37	54.00	-9.63	AVG
2	5150.000	7.12	40.04	47.16	54.00	-6.84	AVG
3	5350.000	4.50	40.49	44.99	54.00	-9.01	AVG
4	5399.520	4.05	40.62	44.67	54.00	-9.33	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



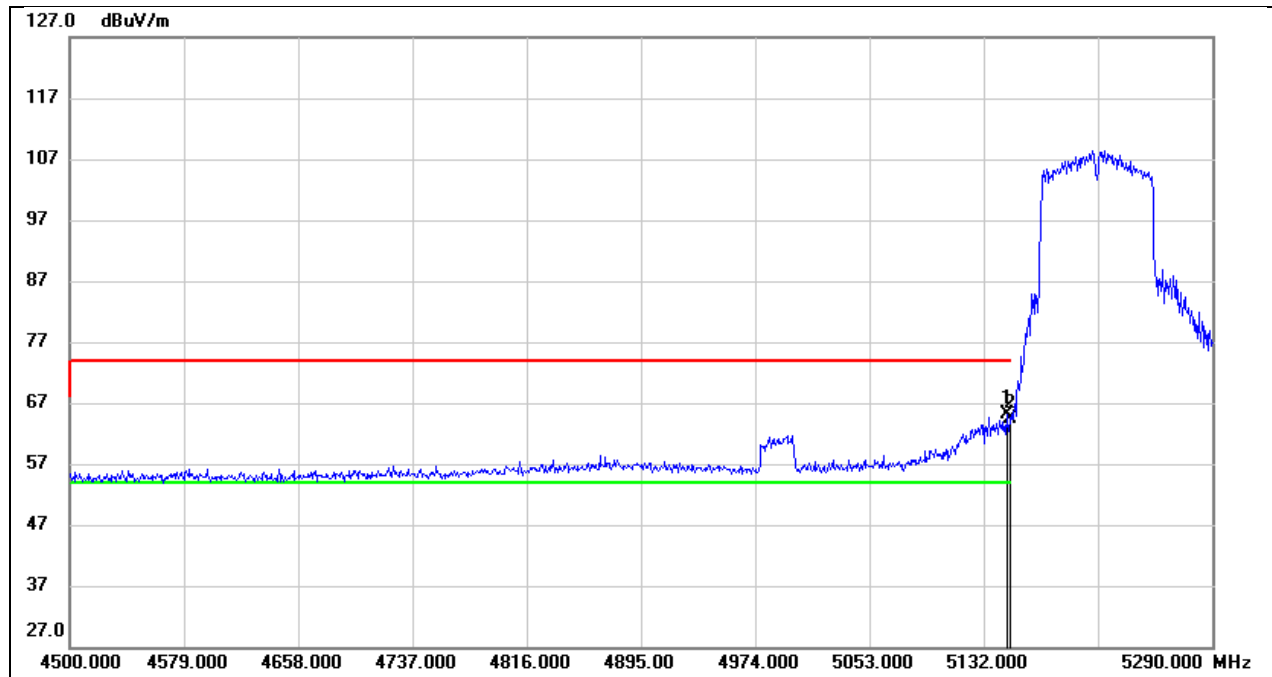
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.120	23.21	41.13	64.34	68.20	-3.86	peak
2	5725.000	40.07	41.20	81.27	122.20	-40.93	peak

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



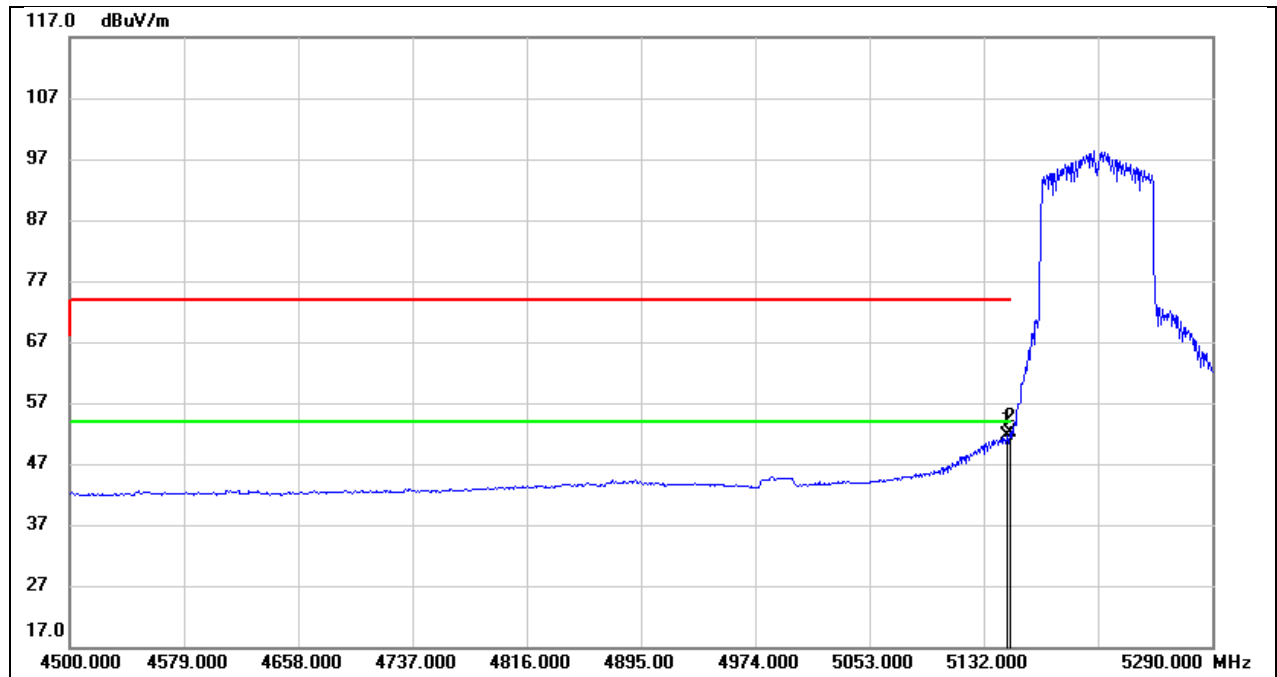
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	28.08	41.36	69.44	122.20	-52.76	peak
2	5954.230	19.77	41.56	61.33	68.20	-6.87	peak

Test Mode:	802.11ac VHT80 PK	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



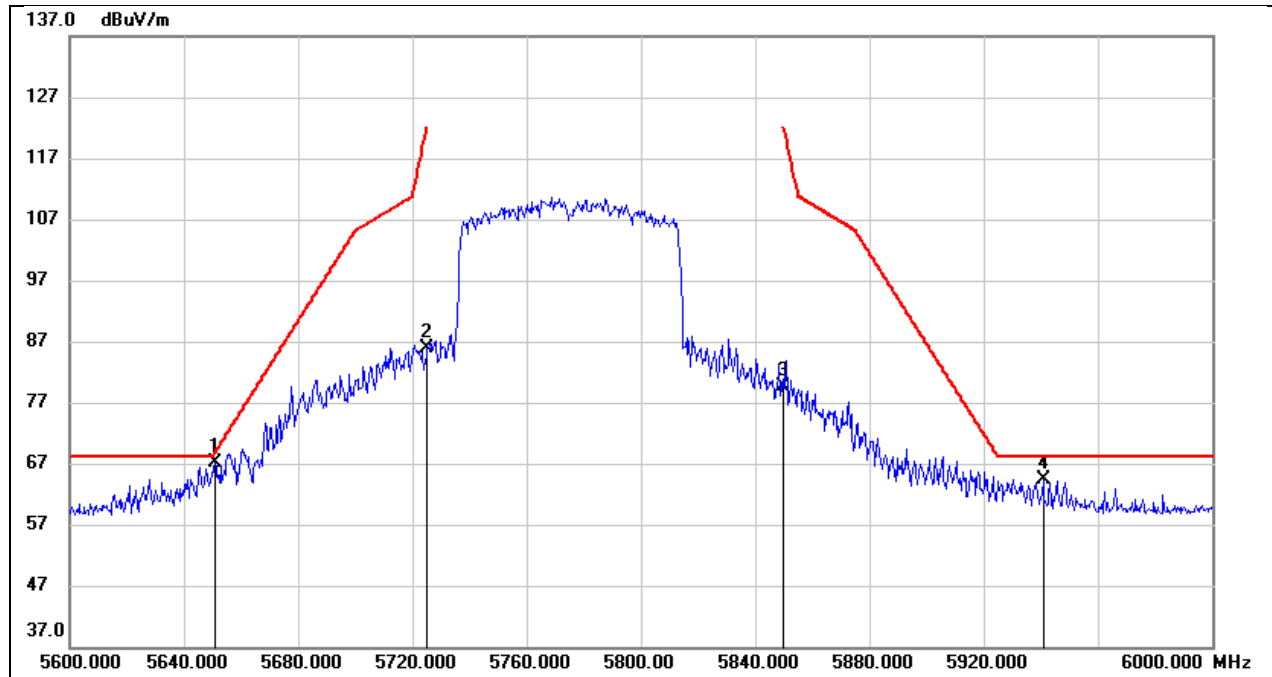
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.800	25.14	40.04	65.18	74.00	-8.82	peak
2	5150.000	24.42	40.04	64.46	74.00	-9.54	peak

Test Mode:	802.11ac VHT80 AV	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



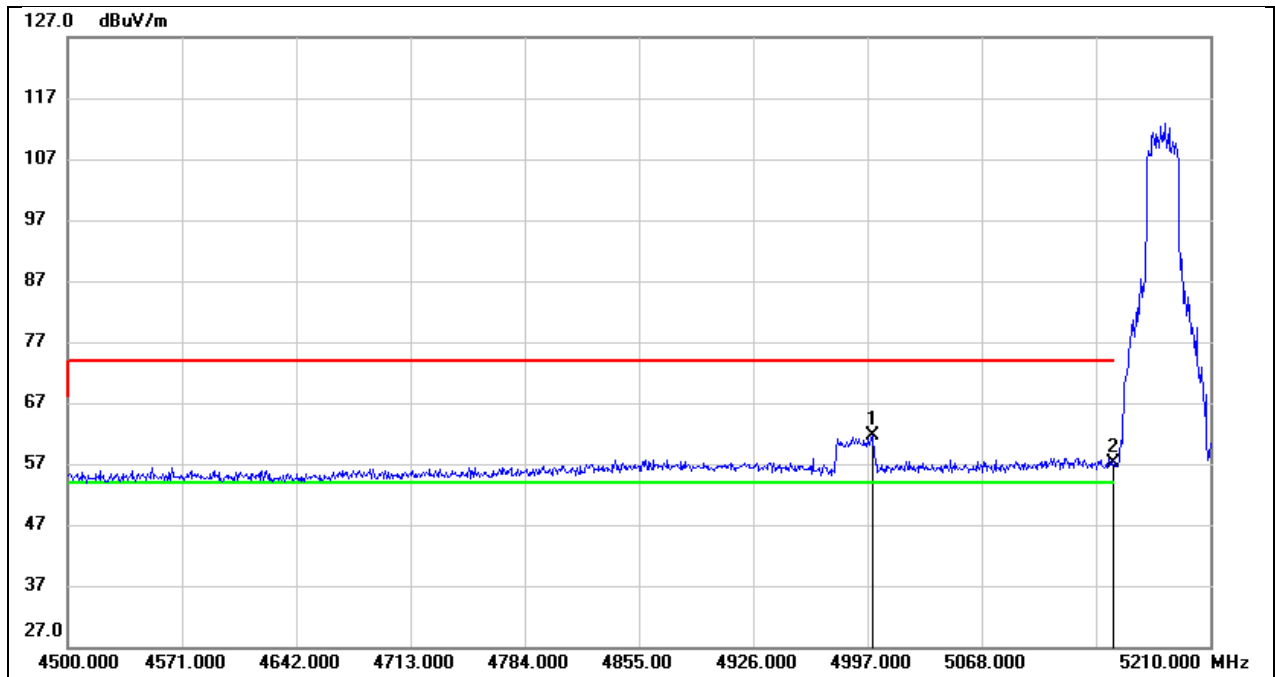
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.800	11.56	40.04	51.60	54.00	-2.40	AVG
2	5150.000	12.07	40.04	52.11	54.00	-1.89	AVG

Test Mode:	802.11ac VHT80 PK	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



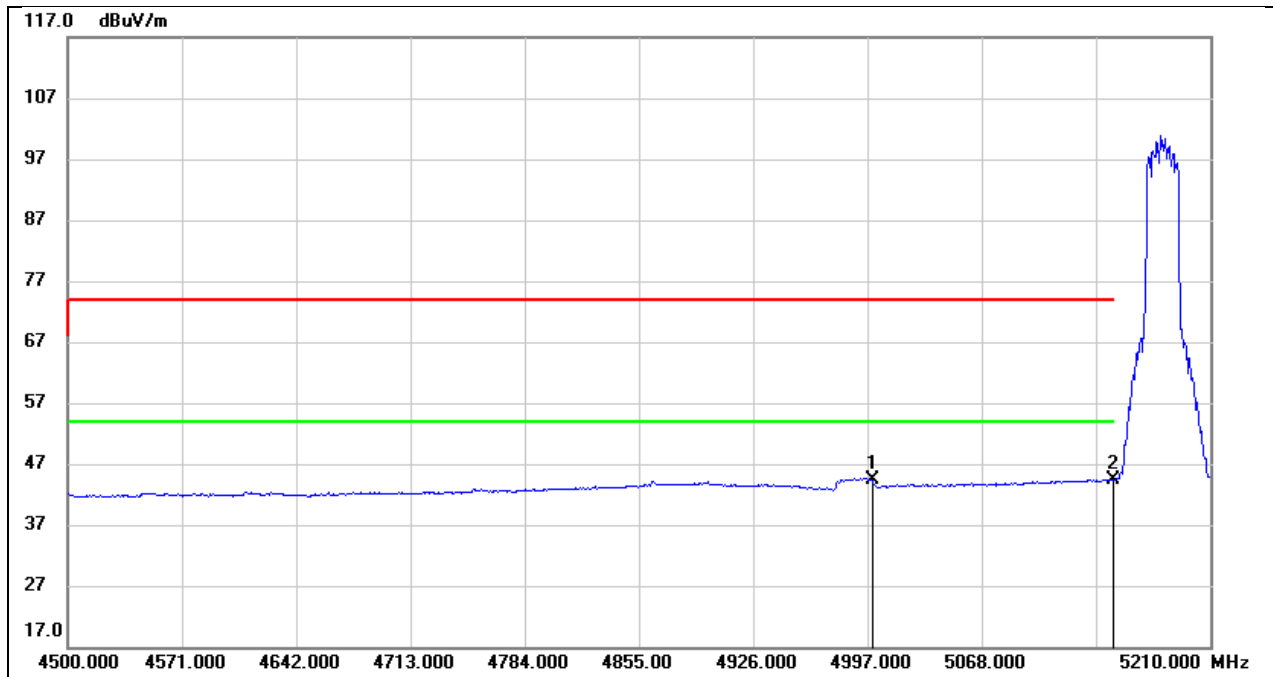
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.800	26.11	41.13	67.24	68.79	-1.55	peak
2	5725.000	44.66	41.20	85.86	122.20	-36.34	peak
3	5850.000	38.36	41.36	79.72	122.20	-42.48	peak
4	5940.800	22.81	41.54	64.35	68.20	-3.85	peak

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



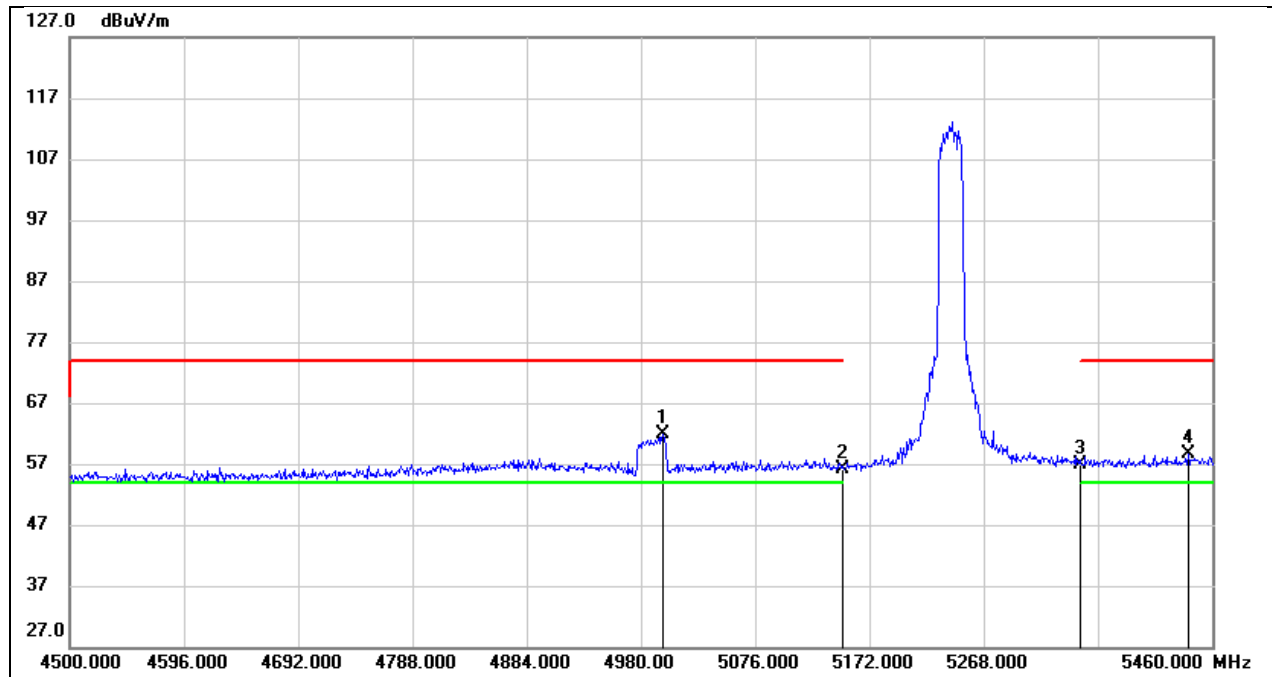
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4999.840	21.81	39.80	61.61	74.00	-12.39	peak
2	5150.000	16.98	40.04	57.02	74.00	-16.98	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



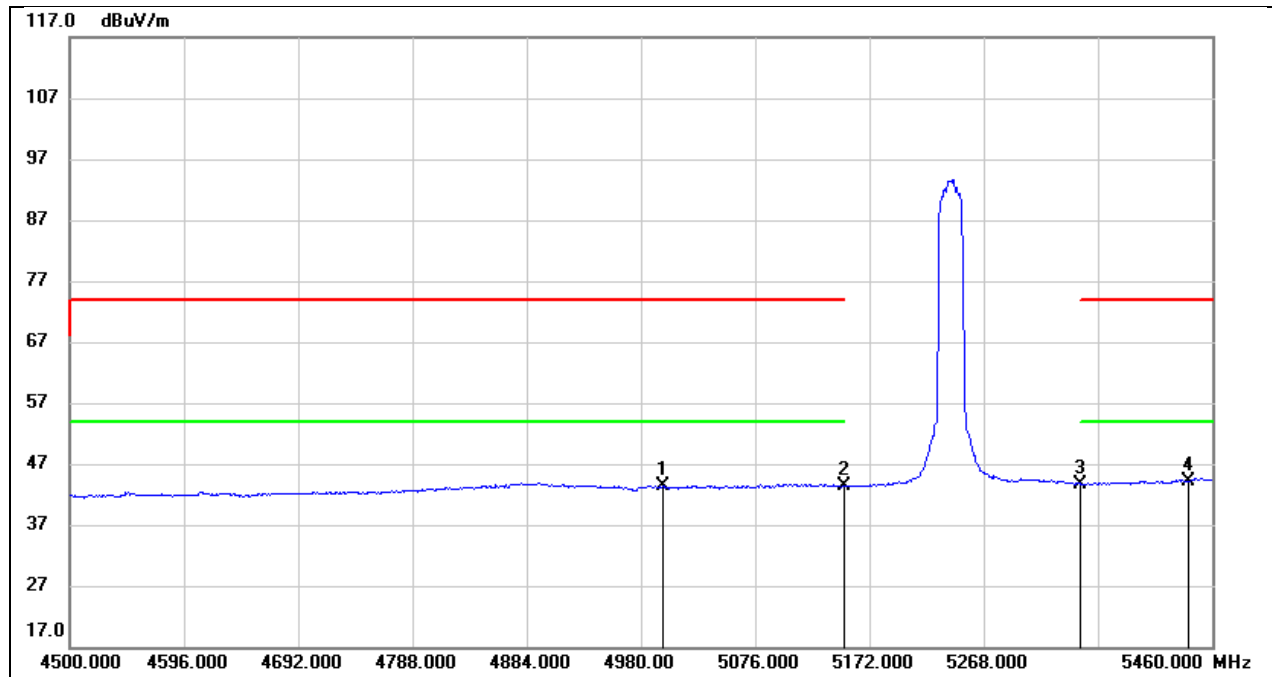
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4999.840	4.53	39.80	44.33	54.00	-9.67	AVG
2	5150.000	4.33	40.04	44.37	54.00	-9.63	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



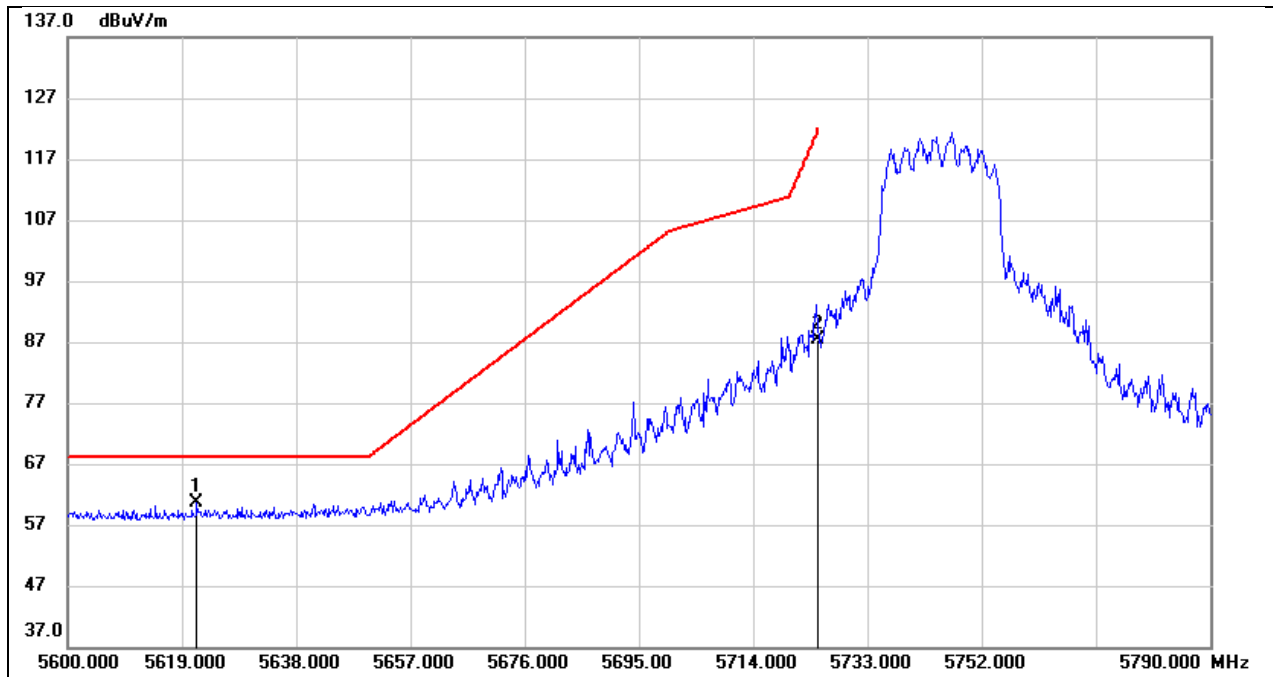
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4998.240	22.20	39.80	62.00	74.00	-12.00	peak
2	5150.000	16.15	40.04	56.19	74.00	-17.81	peak
3	5350.000	16.50	40.49	56.99	74.00	-17.01	peak
4	5439.840	18.01	40.72	58.73	74.00	-15.27	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



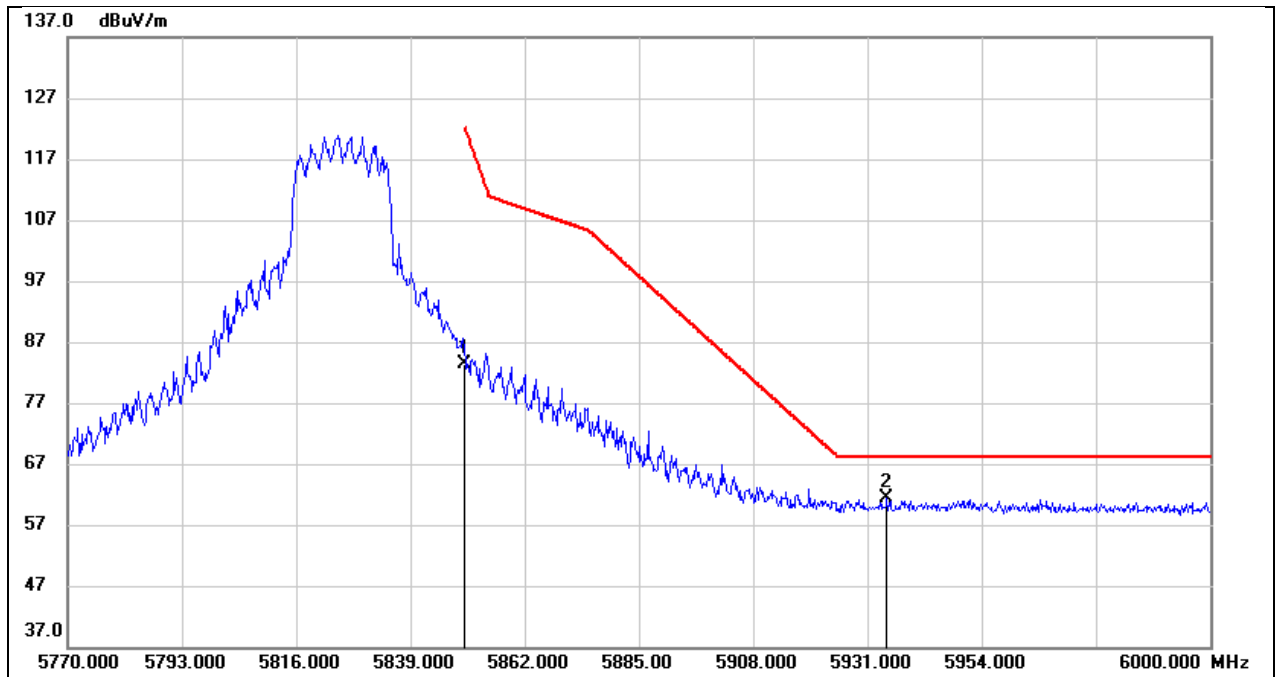
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4998.240	3.65	39.80	43.45	54.00	-10.55	AVG
2	5150.000	3.43	40.04	43.47	54.00	-10.53	AVG
3	5350.000	3.24	40.49	43.73	54.00	-10.27	AVG
4	5439.840	3.45	40.72	44.17	54.00	-9.83	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



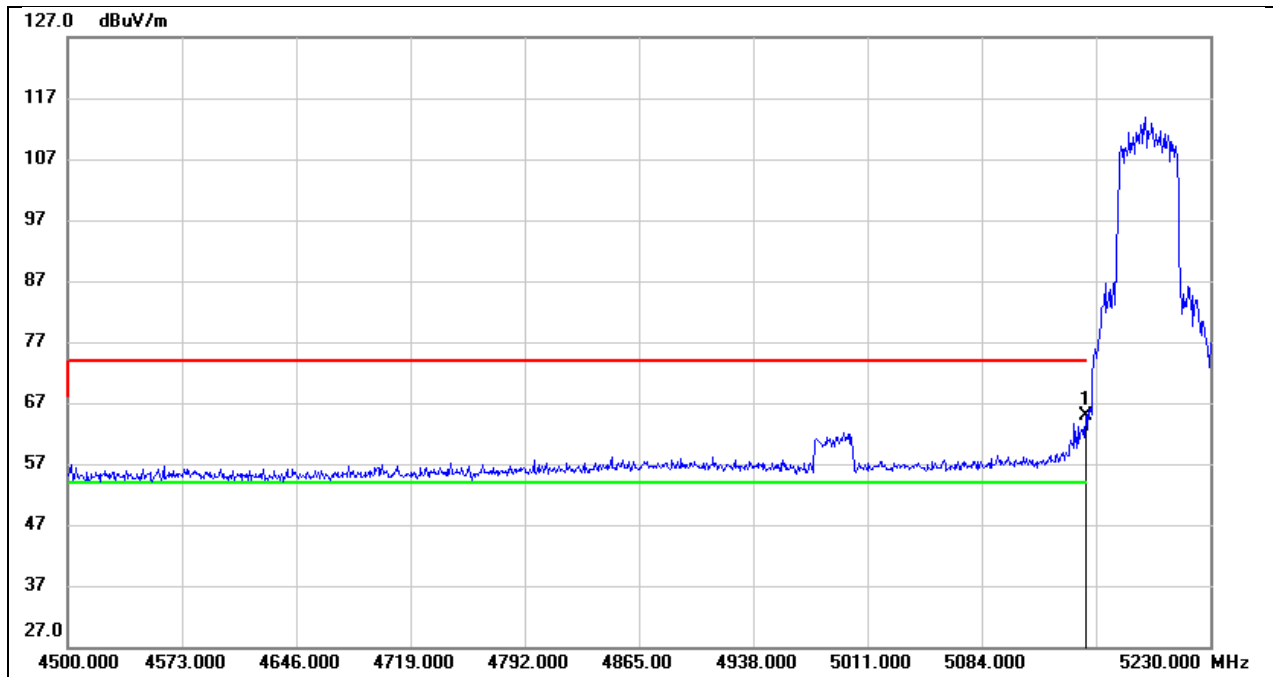
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.470	19.51	41.11	60.62	68.20	-7.58	peak
2	5725.000	46.13	41.20	87.33	122.20	-34.87	peak

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



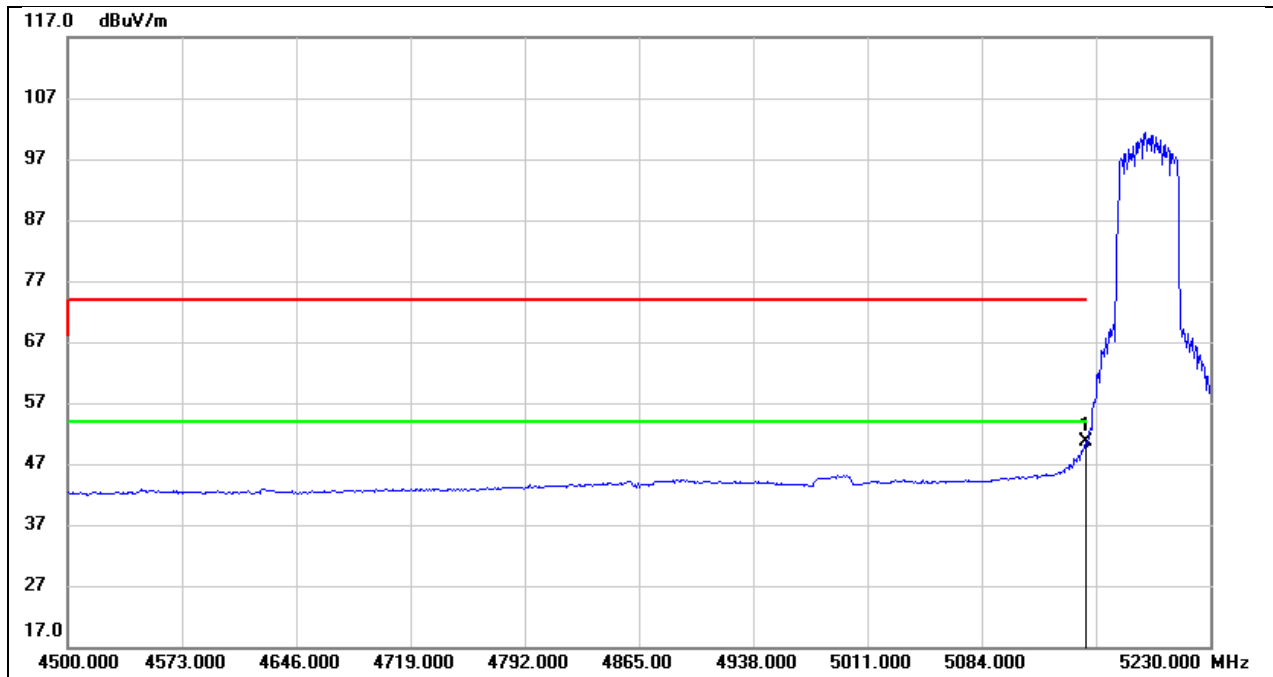
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	41.94	41.36	83.30	122.20	-38.90	peak
2	5934.910	19.93	41.52	61.45	68.20	-6.75	peak

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



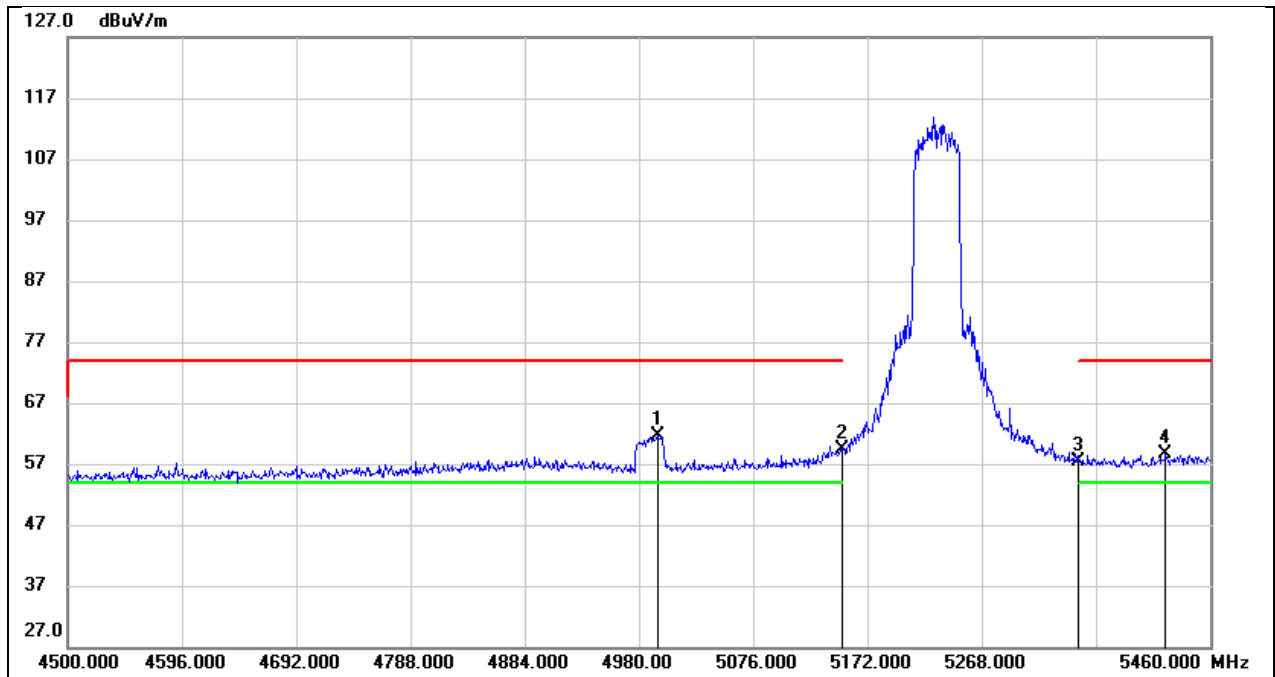
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.95	40.04	64.99	74.00	-9.01	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



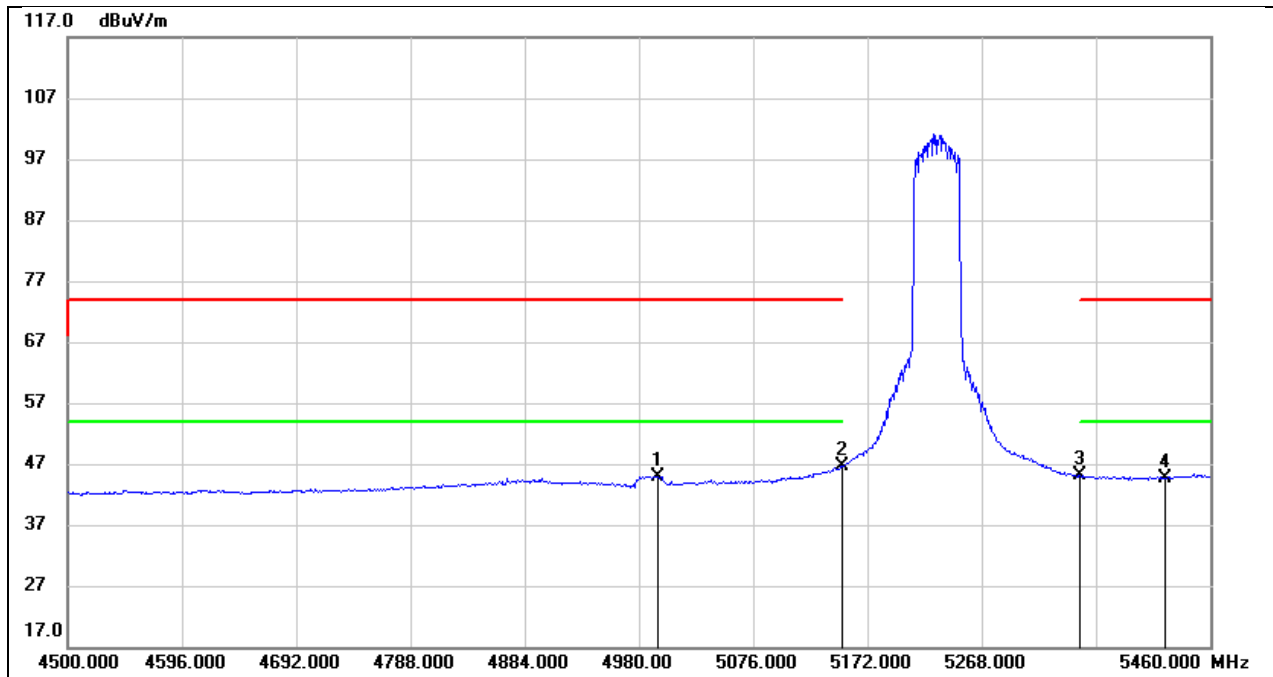
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.59	40.04	50.63	54.00	-3.37	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



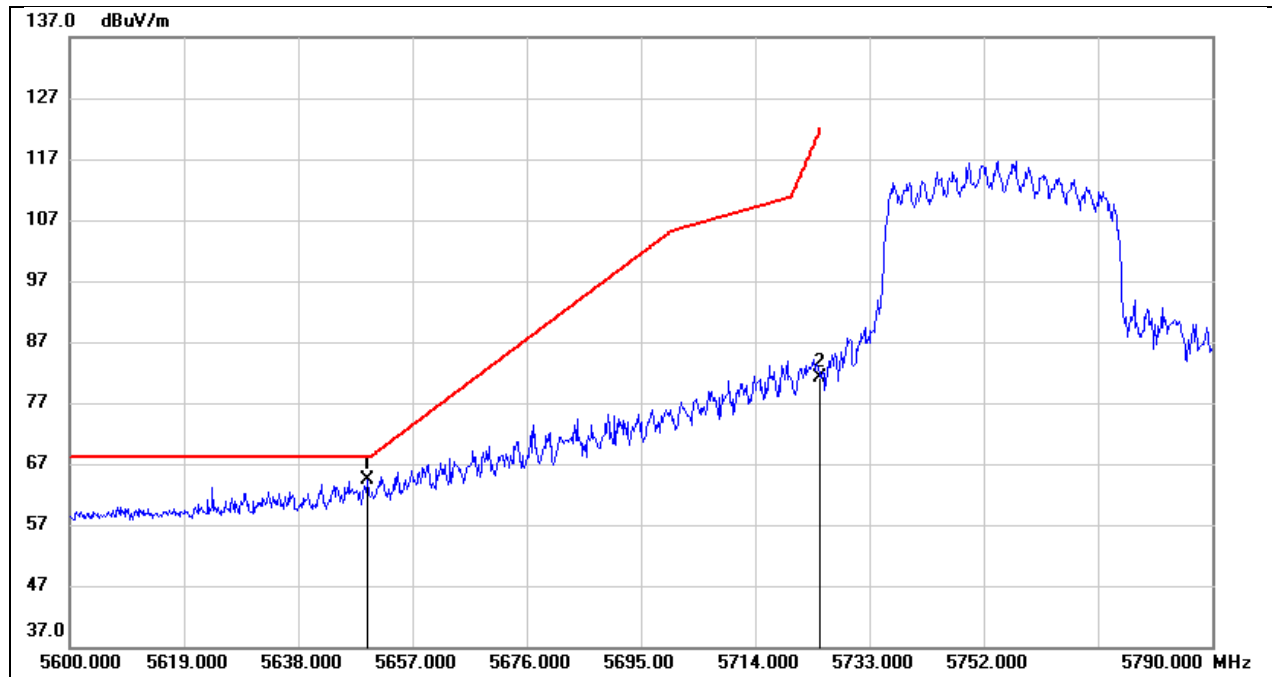
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.360	21.84	39.79	61.63	74.00	-12.37	peak
2	5150.000	19.37	40.04	59.41	74.00	-14.59	peak
3	5350.000	16.86	40.49	57.35	74.00	-16.65	peak
4	5422.560	17.99	40.68	58.67	74.00	-15.33	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



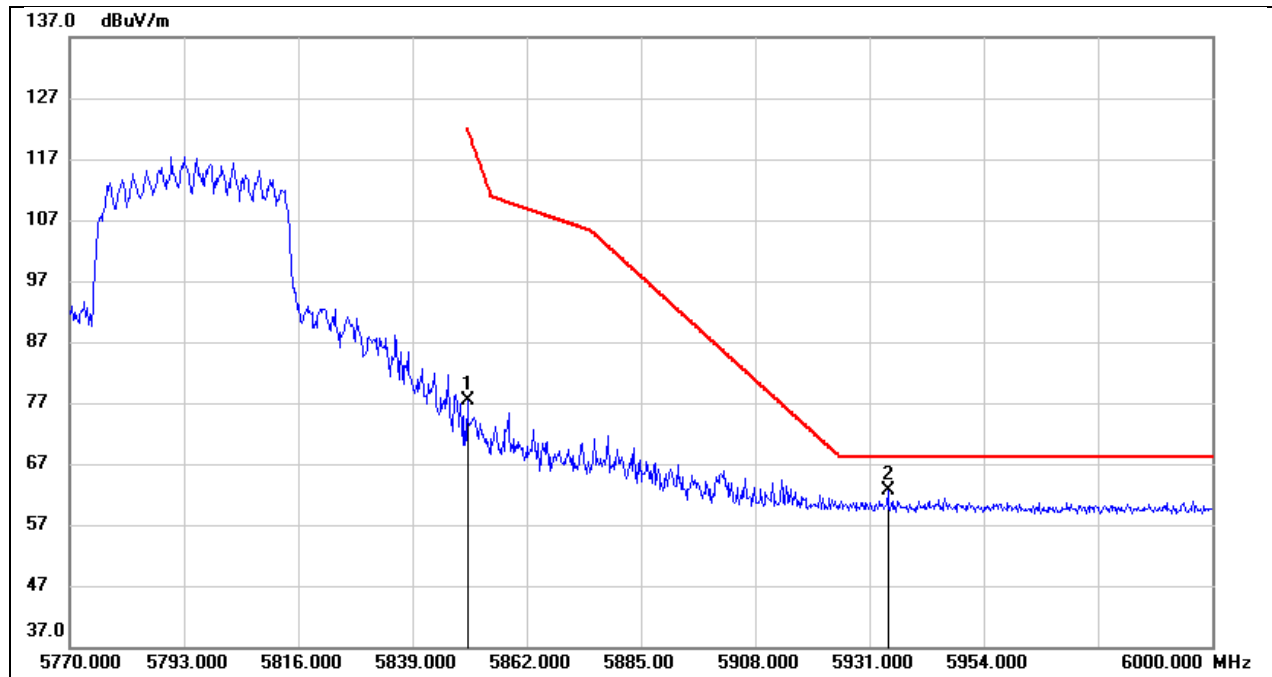
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.360	5.16	39.79	44.95	54.00	-9.05	AVG
2	5150.000	6.51	40.04	46.55	54.00	-7.45	AVG
3	5350.000	4.71	40.49	45.20	54.00	-8.80	AVG
4	5422.560	3.96	40.68	44.64	54.00	-9.36	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



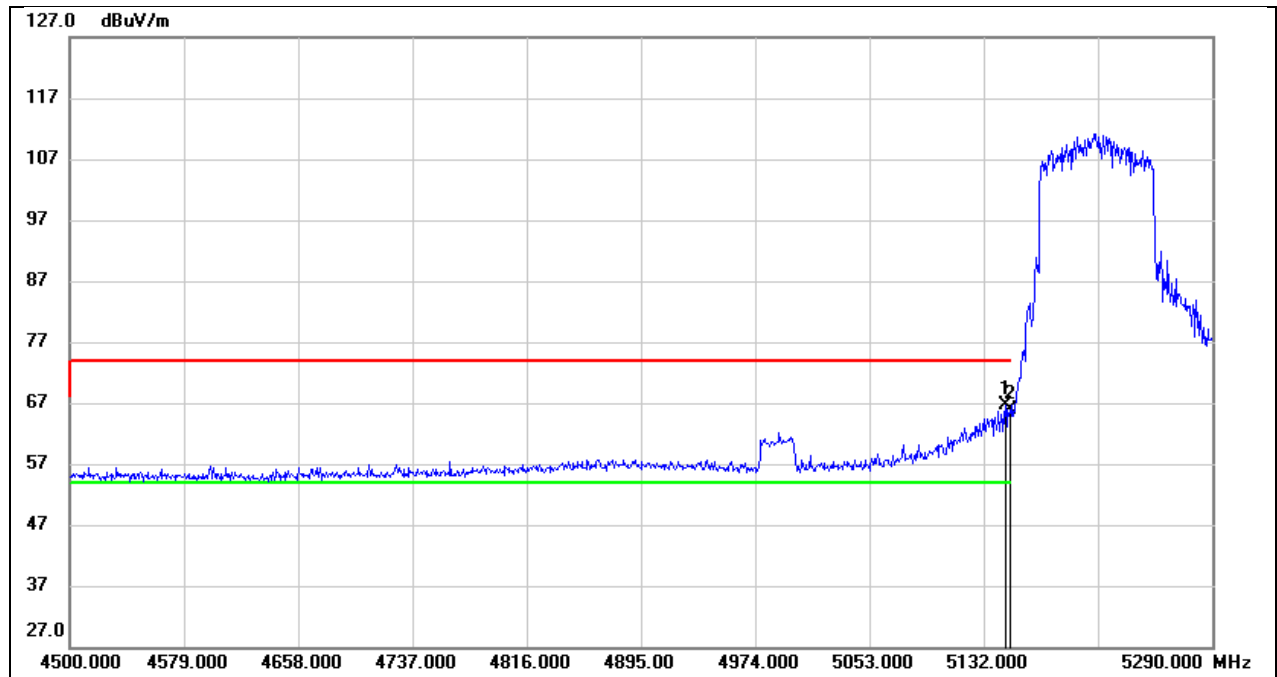
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5649.590	23.25	41.13	64.38	68.20	-3.82	peak
2	5725.000	40.02	41.20	81.22	122.20	-40.98	peak

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



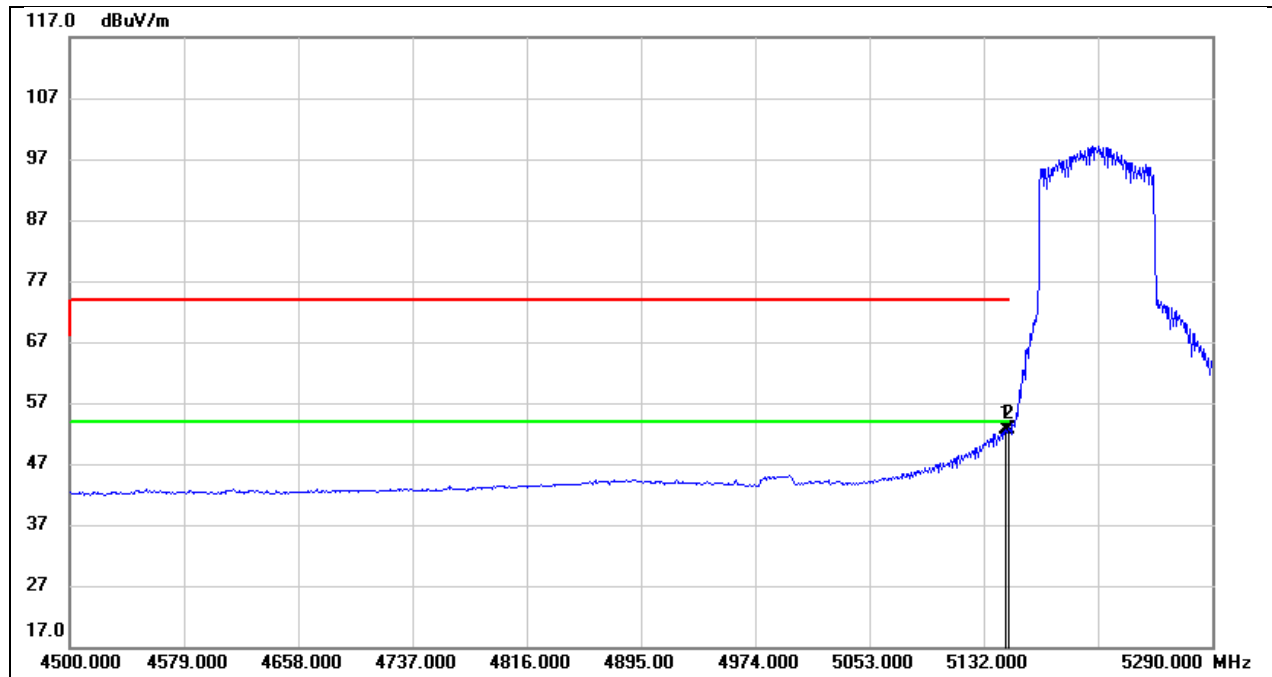
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	36.07	41.36	77.43	122.20	-44.77	peak
2	5934.680	21.02	41.52	62.54	68.20	-5.66	peak

Test Mode:	802.11ax HE80 PK	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



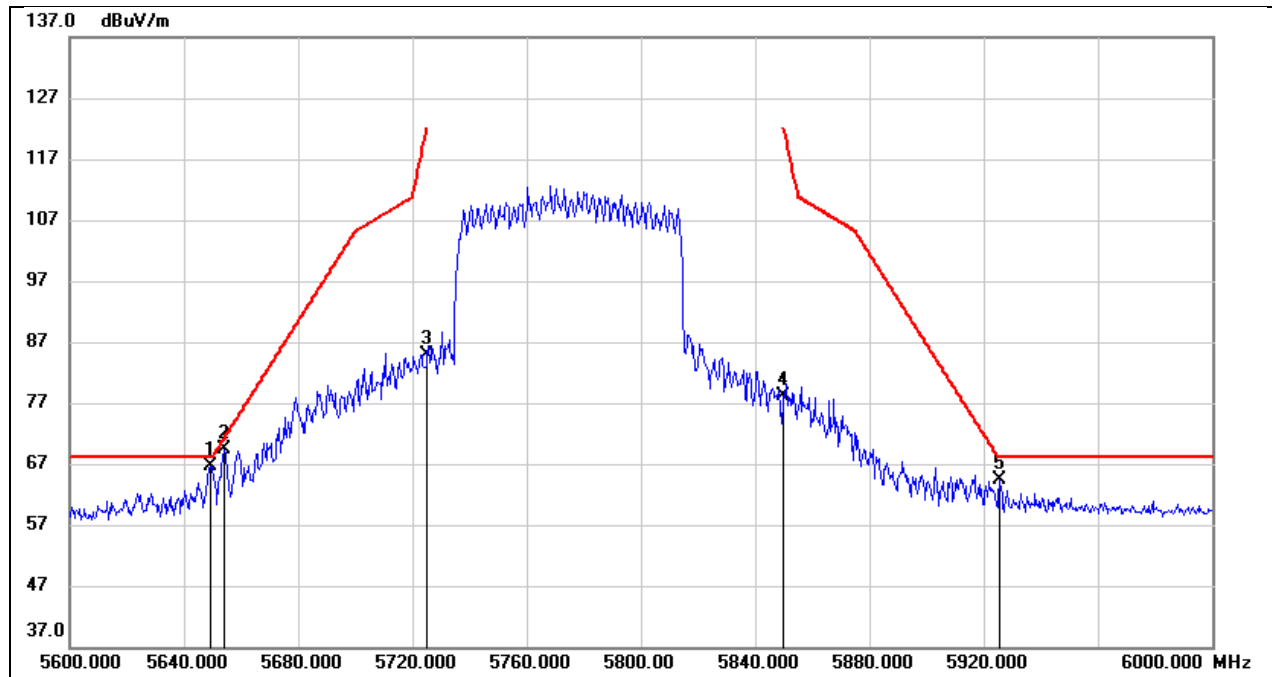
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.010	26.70	40.04	66.74	74.00	-7.26	peak
2	5150.000	25.79	40.04	65.83	74.00	-8.17	peak

Test Mode:	802.11ax HE80 AV	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



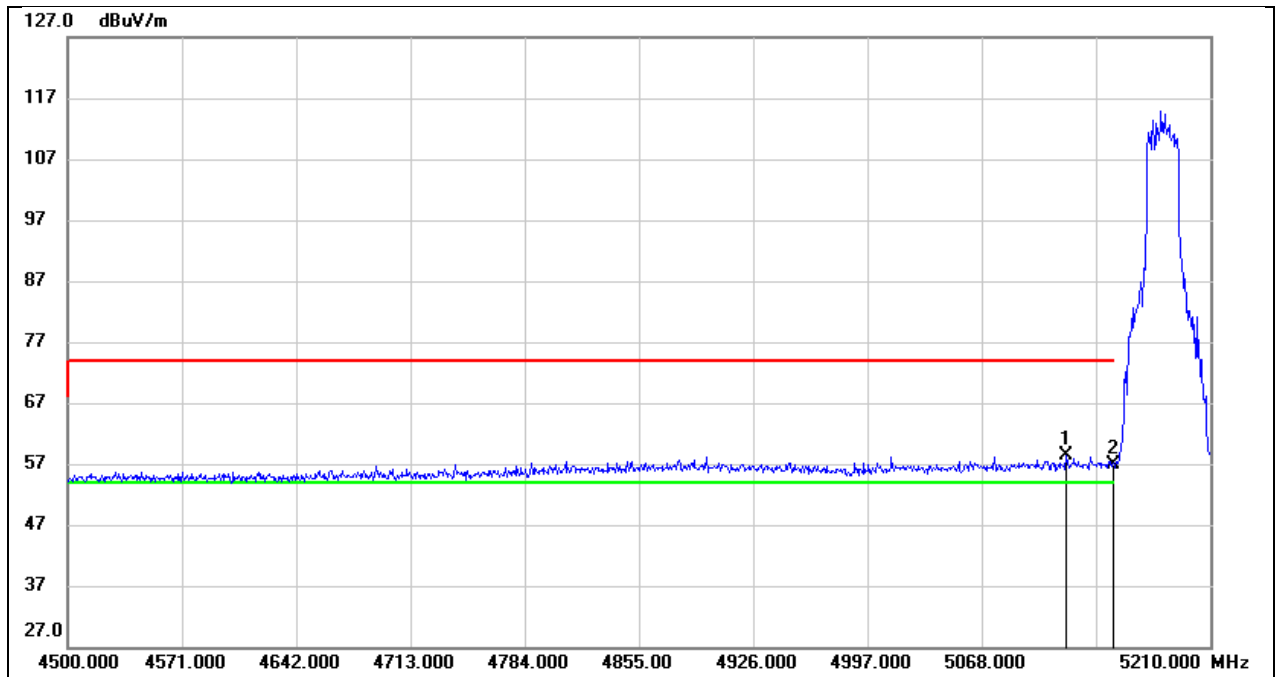
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.010	12.51	40.04	52.55	54.00	-1.45	AVG
2	5150.000	12.47	40.04	52.51	54.00	-1.49	AVG

Test Mode:	802.11ax HE80 PK	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



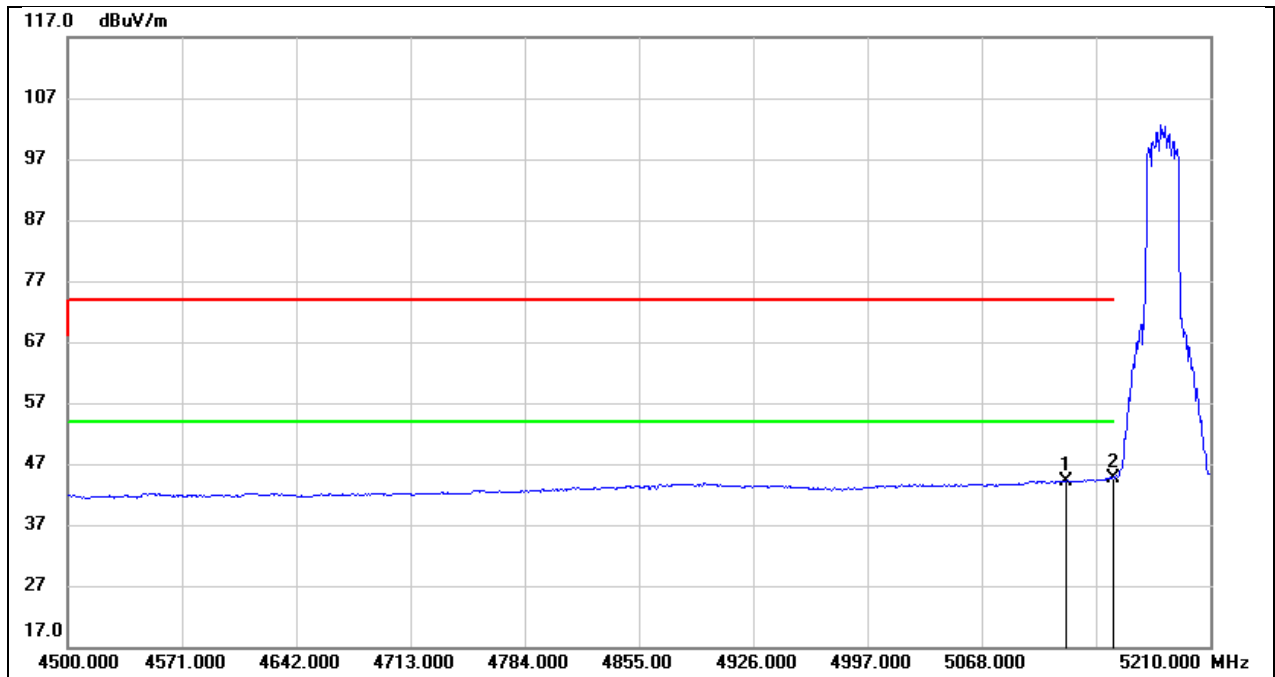
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5649.200	25.50	41.13	66.63	68.20	-1.57	peak
2	5654.000	28.18	41.13	69.31	71.17	-1.86	peak
3	5725.000	43.66	41.20	84.86	122.20	-37.34	peak
4	5850.000	36.70	41.36	78.06	122.20	-44.14	peak
5	5925.600	22.85	41.50	64.35	68.20	-3.85	peak

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



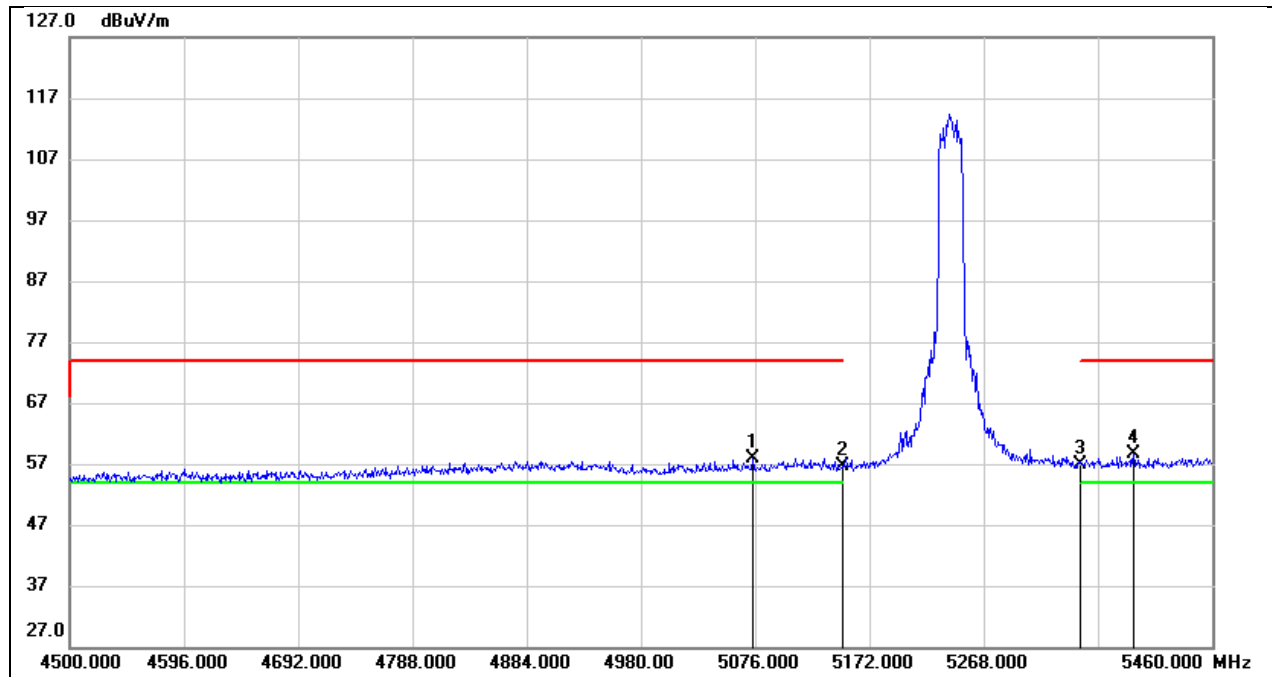
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.540	18.29	39.99	58.28	74.00	-15.72	peak
2	5150.000	16.87	40.04	56.91	74.00	-17.09	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



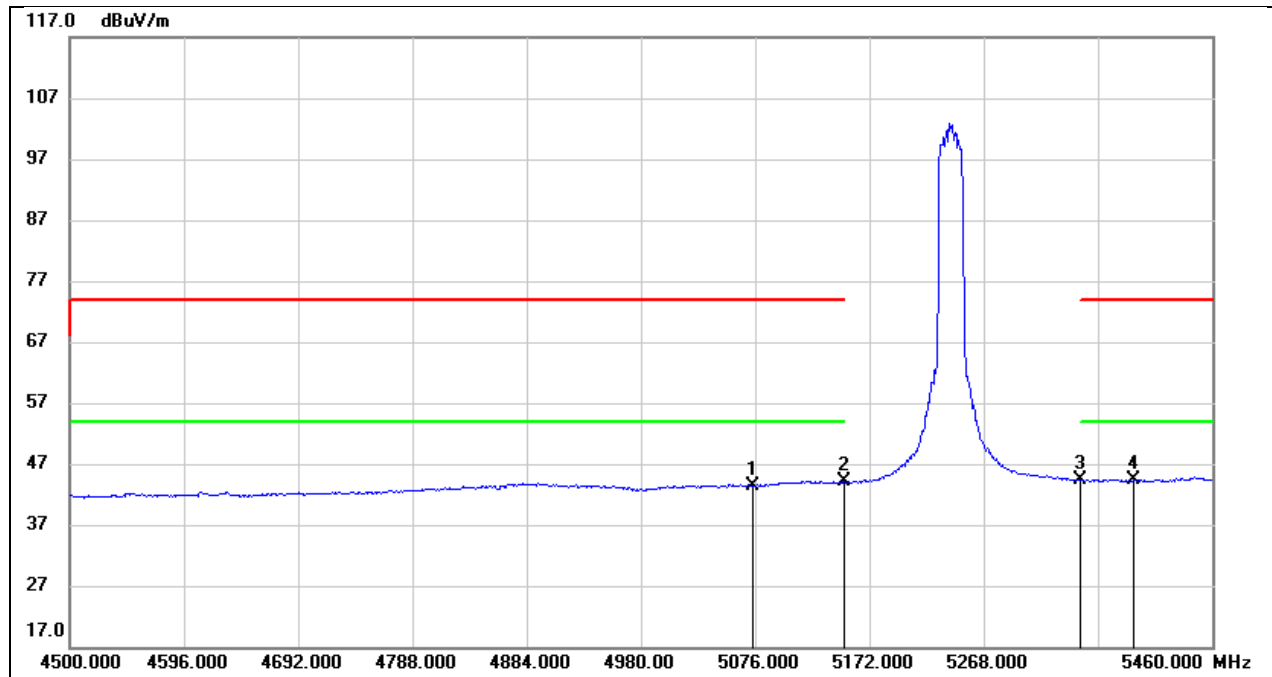
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.540	4.22	39.99	44.21	54.00	-9.79	AVG
2	5150.000	4.62	40.04	44.66	54.00	-9.34	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



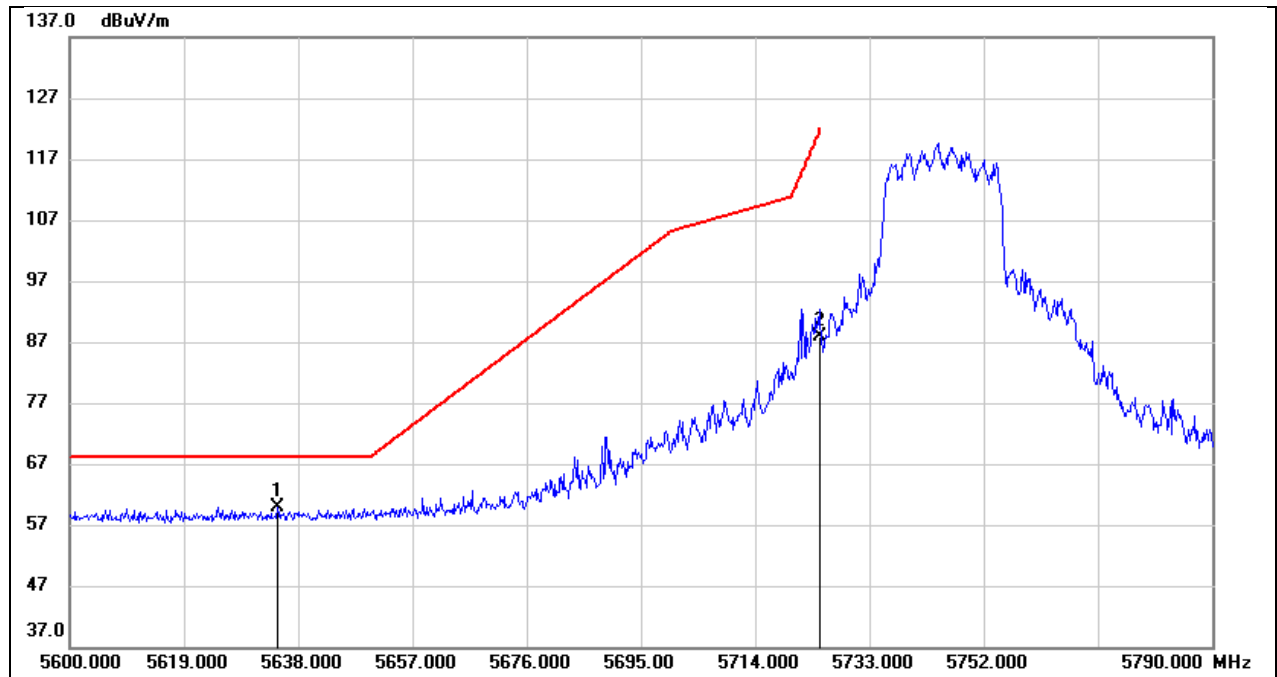
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.080	18.06	39.92	57.98	74.00	-16.02	peak
2	5150.000	16.56	40.04	56.60	74.00	-17.40	peak
3	5350.000	16.41	40.49	56.90	74.00	-17.10	peak
4	5393.760	18.03	40.60	58.63	74.00	-15.37	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



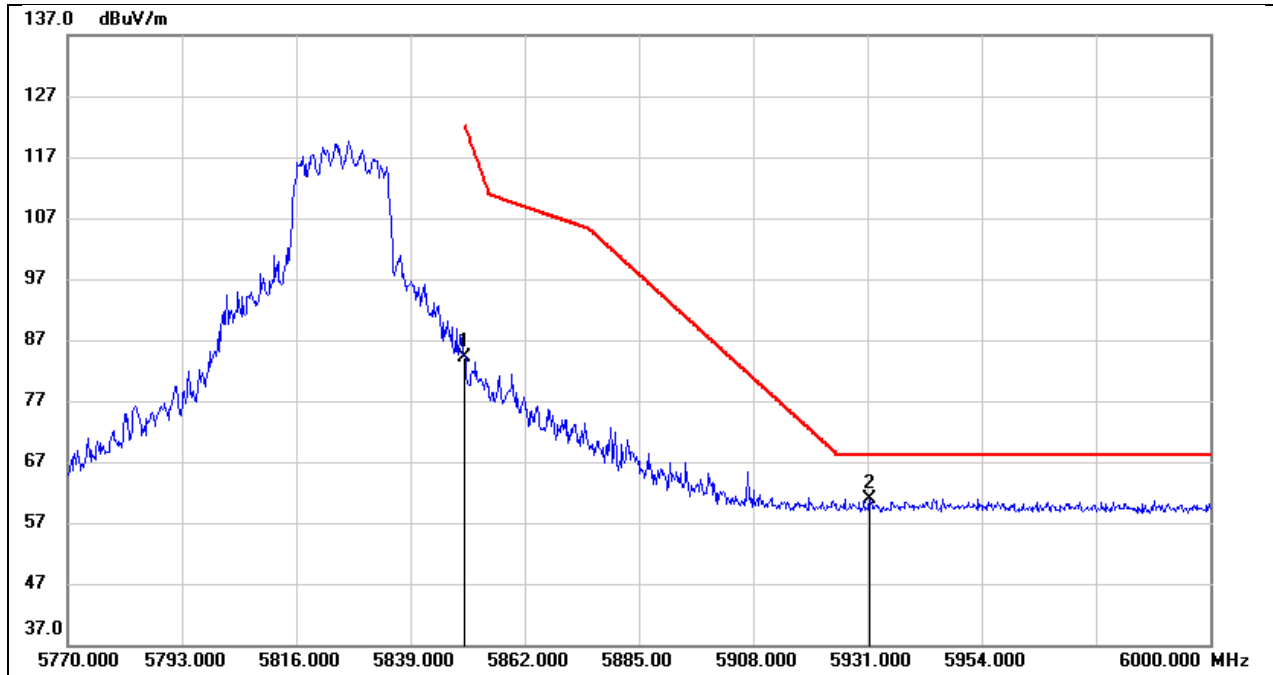
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.080	3.44	39.92	43.36	54.00	-10.64	AVG
2	5150.000	4.06	40.04	44.10	54.00	-9.90	AVG
3	5350.000	3.77	40.49	44.26	54.00	-9.74	AVG
4	5393.760	3.74	40.60	44.34	54.00	-9.66	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



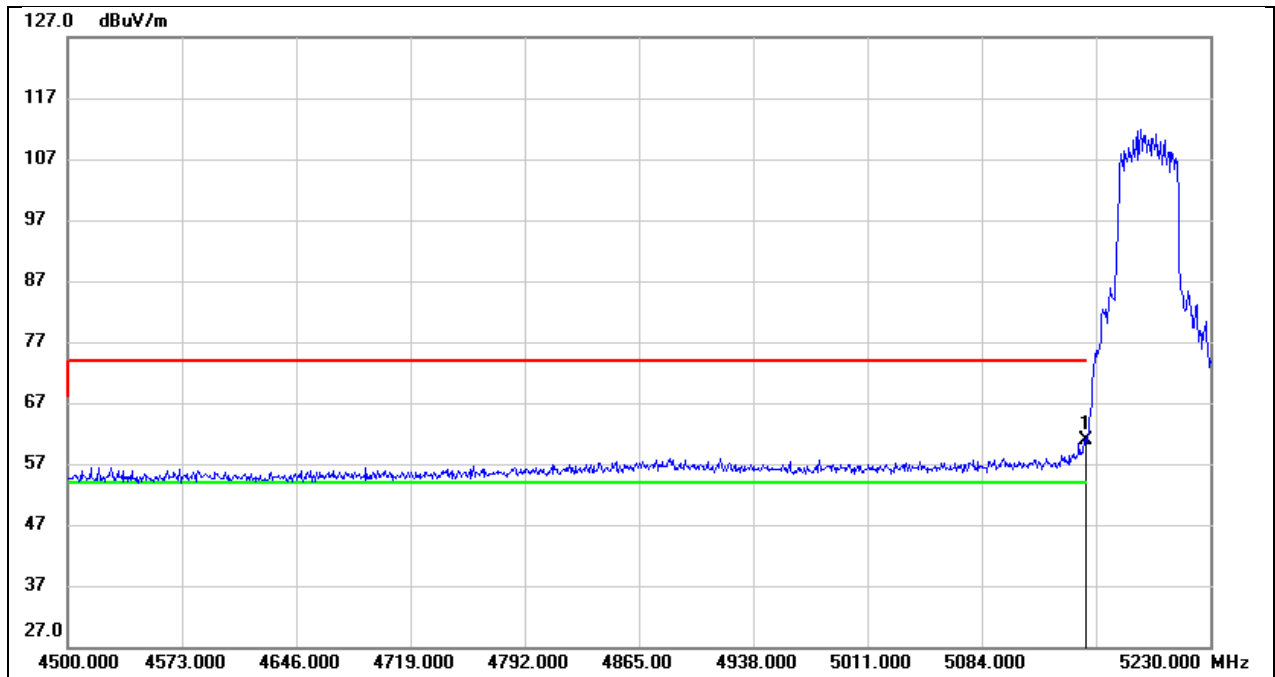
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5634.580	18.73	41.12	59.85	68.20	-8.35	peak
2	5725.000	46.66	41.20	87.86	122.20	-34.34	peak

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



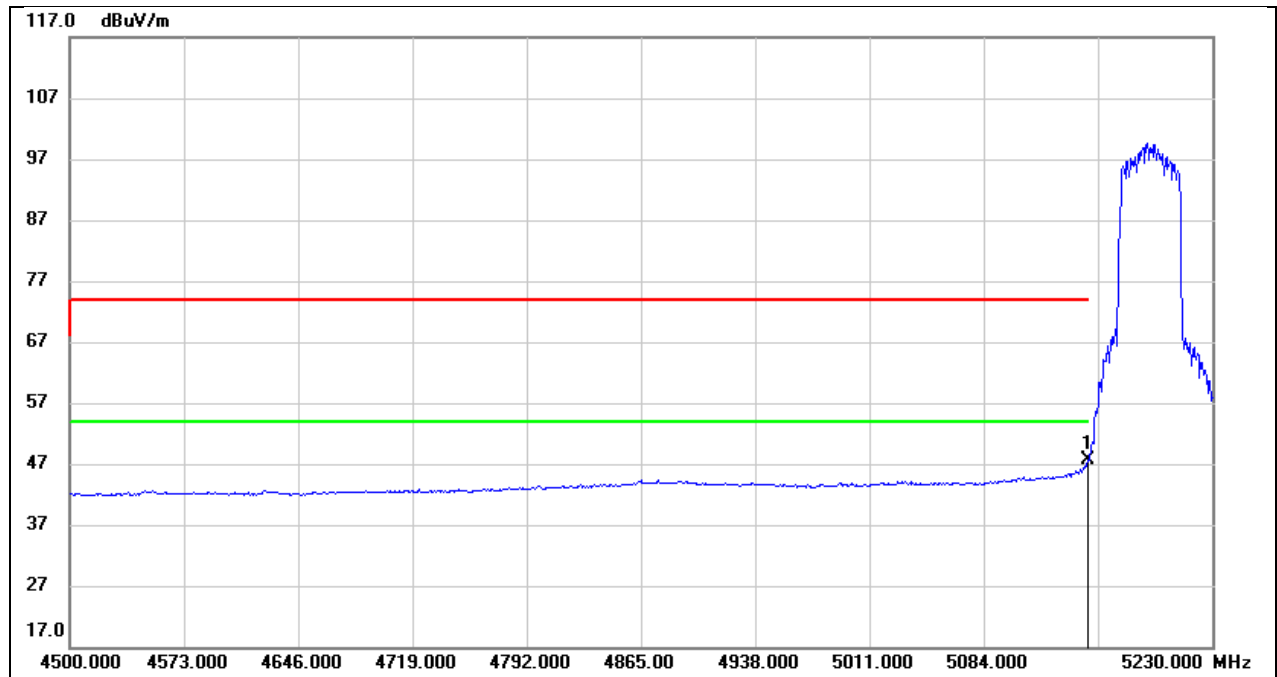
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	42.73	41.36	84.09	122.20	-38.11	peak
2	5931.460	19.34	41.52	60.86	68.20	-7.34	peak

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



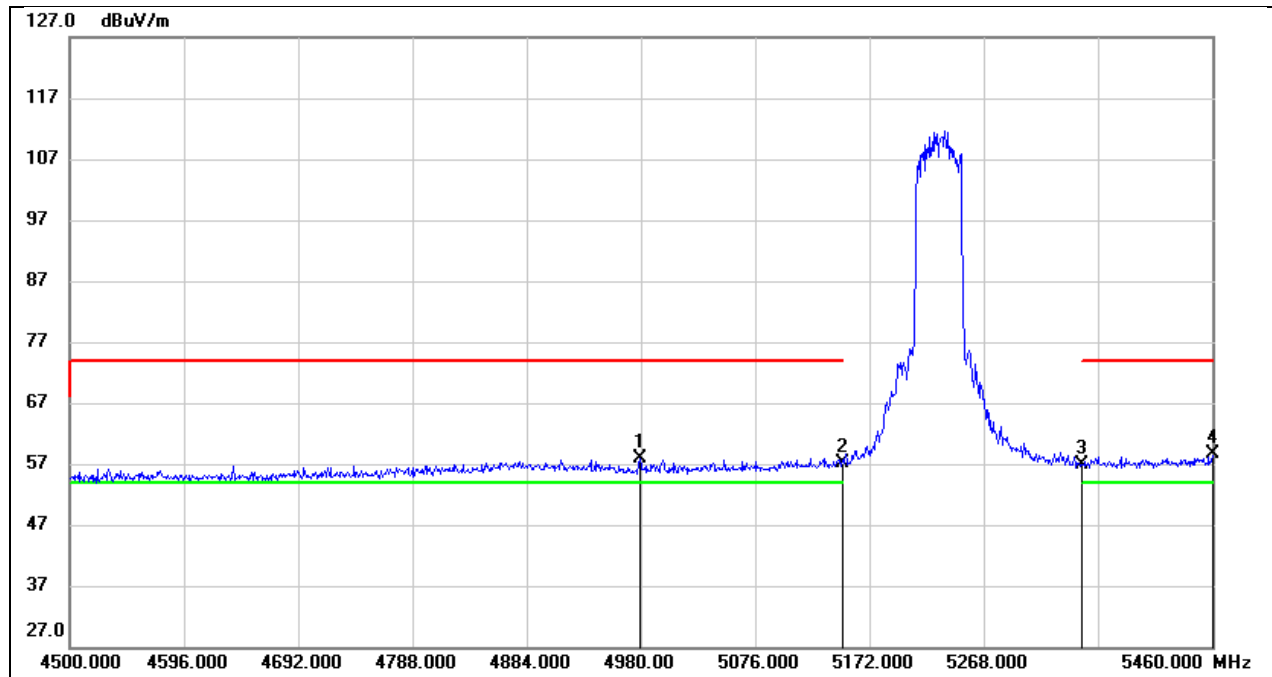
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.90	40.04	60.94	74.00	-13.06	peak

Test Mode:	802.11be EHT40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



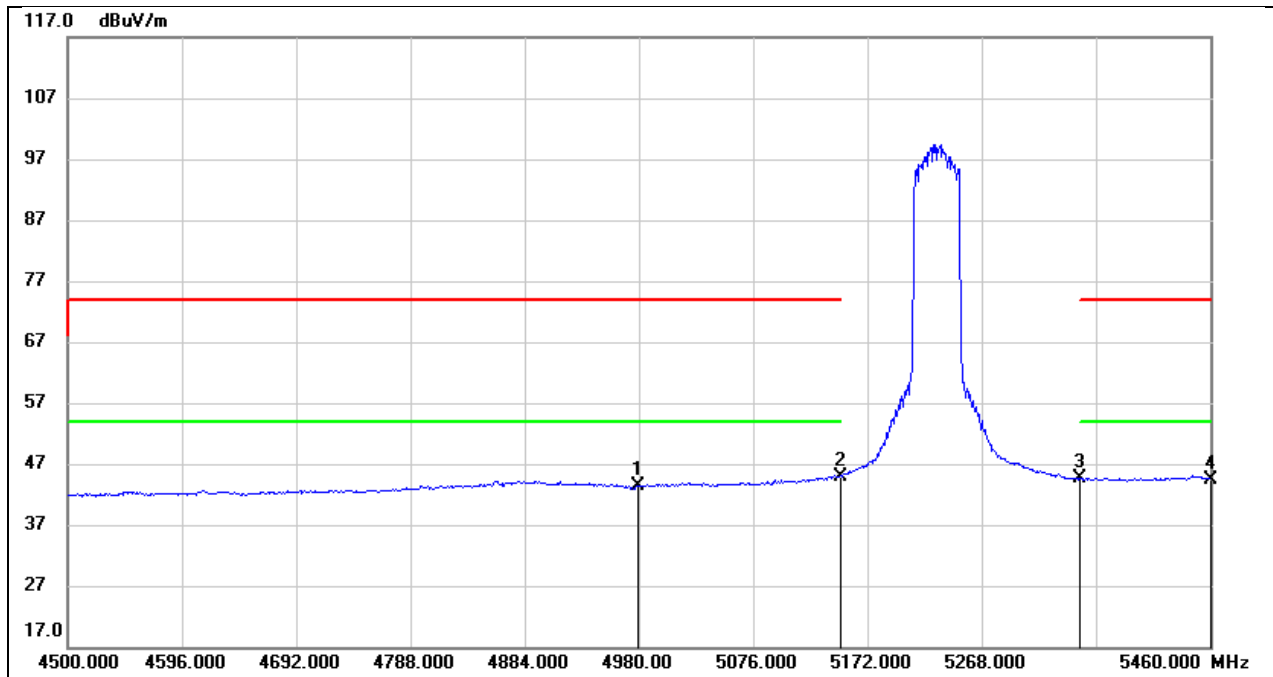
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.53	40.04	47.57	54.00	-6.43	AVG

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



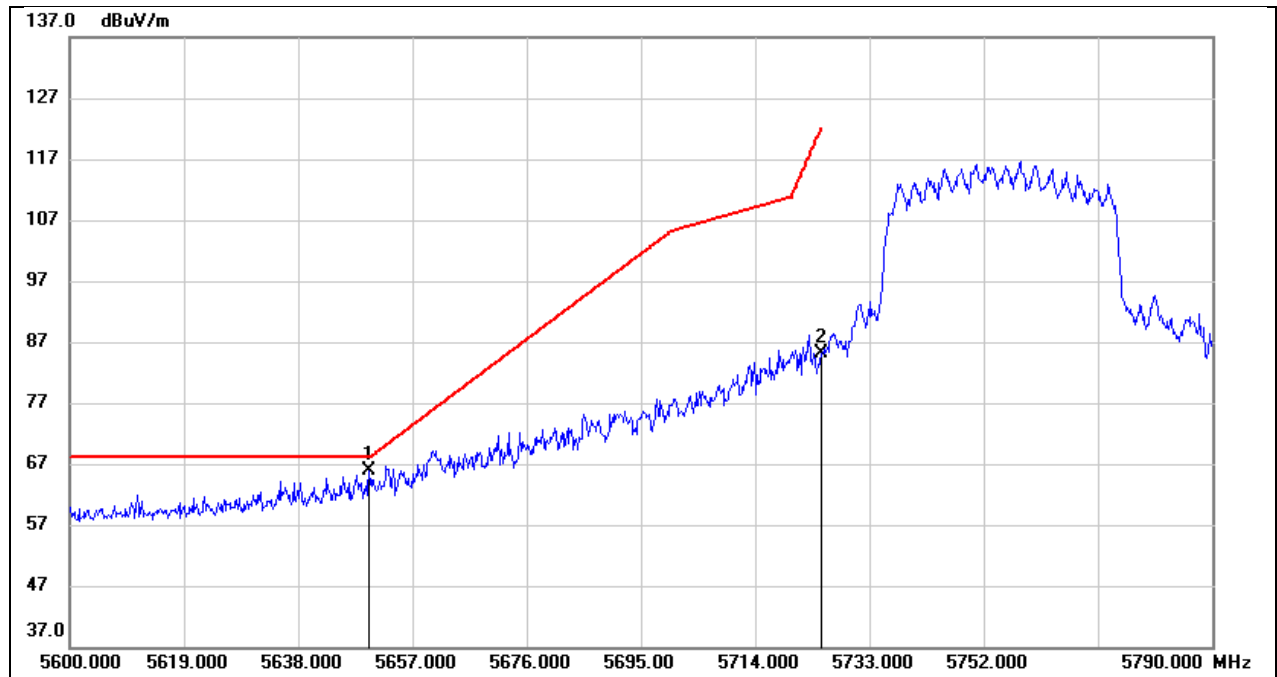
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4979.040	18.15	39.74	57.89	74.00	-16.11	peak
2	5150.000	17.18	40.04	57.22	74.00	-16.78	peak
3	5350.000	16.50	40.49	56.99	74.00	-17.01	peak
4	5460.000	17.84	40.76	58.60	74.00	-15.40	peak

Test Mode:	802.11be EHT40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



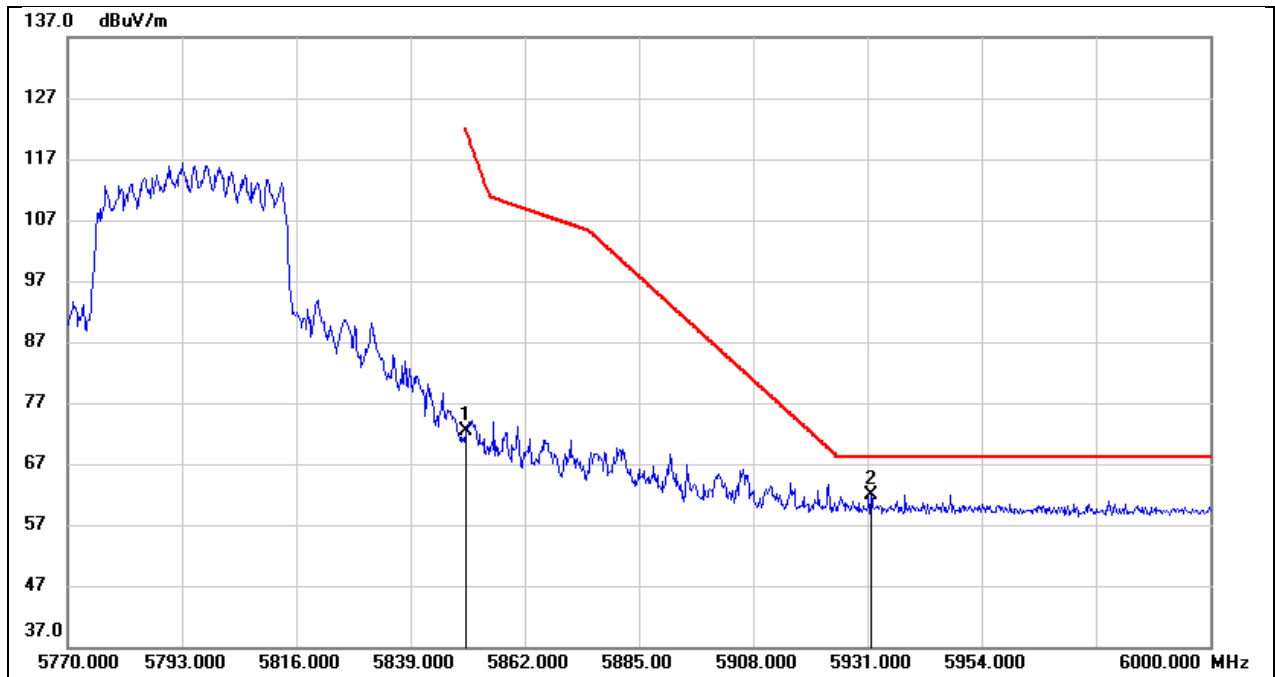
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4979.040	3.56	39.74	43.30	54.00	-10.70	AVG
2	5150.000	4.89	40.04	44.93	54.00	-9.07	AVG
3	5350.000	4.05	40.49	44.54	54.00	-9.46	AVG
4	5460.000	3.72	40.76	44.48	54.00	-9.52	AVG

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



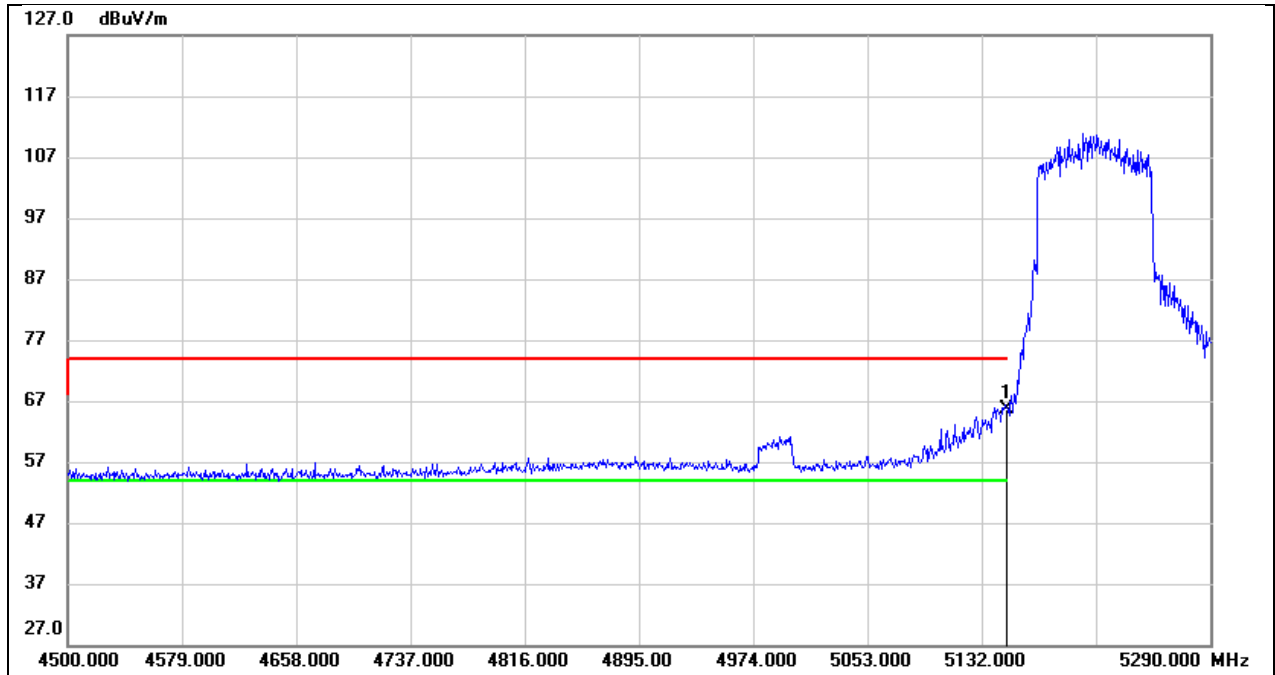
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5649.780	24.82	41.13	65.95	68.20	-2.25	peak
2	5725.000	43.96	41.20	85.16	122.20	-37.04	peak

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



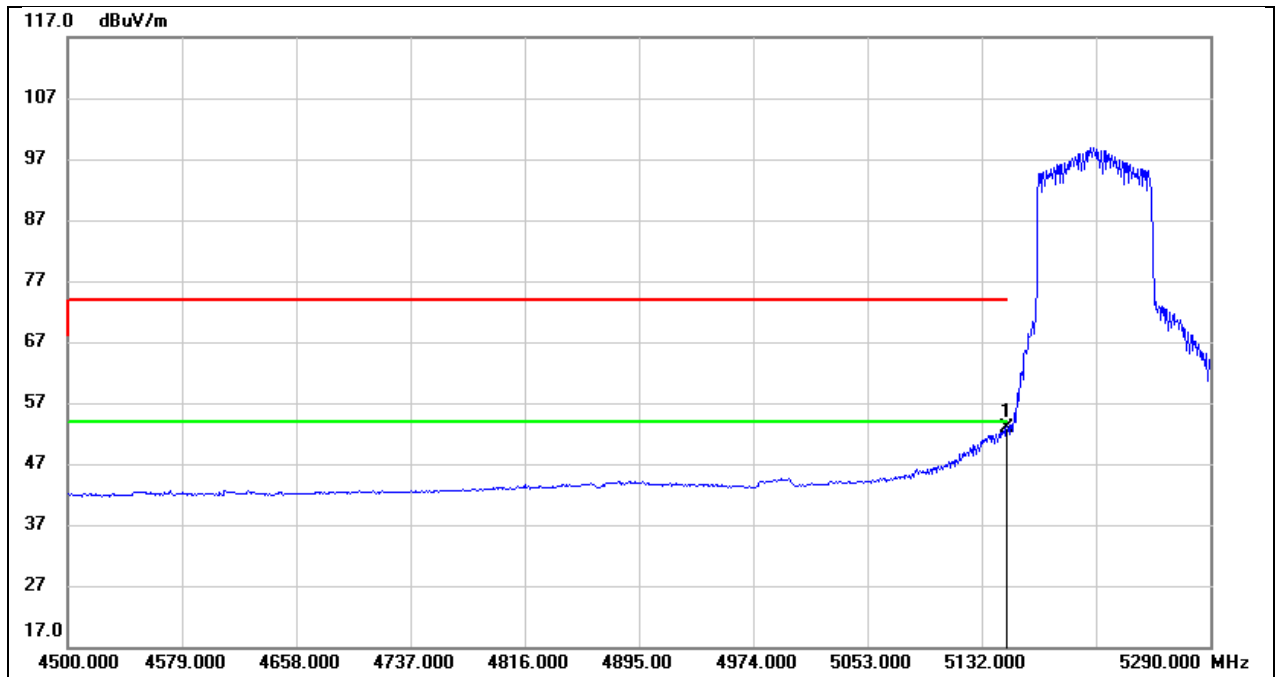
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	31.14	41.36	72.50	122.20	-49.70	peak
2	5931.690	20.36	41.52	61.88	68.20	-6.32	peak

Test Mode:	802.11be EHT80 PK	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



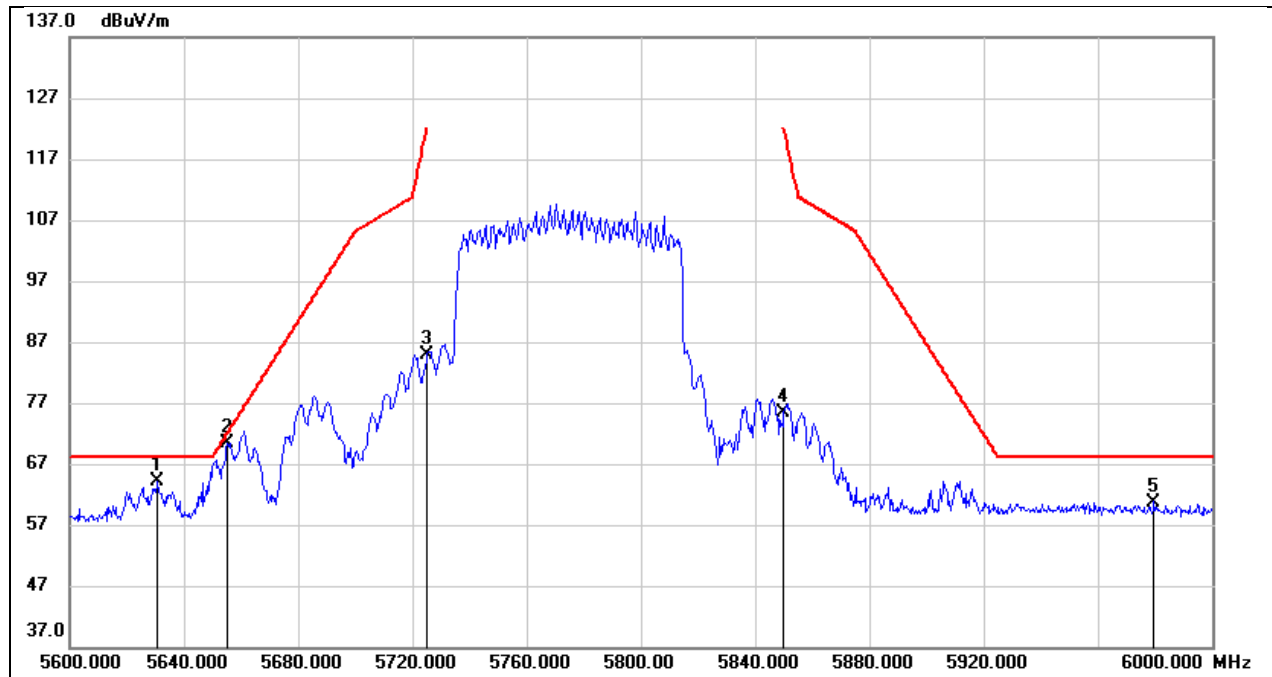
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	25.51	40.04	65.55	74.00	-8.45	peak

Test Mode:	802.11be EHT80 AV	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	12.94	40.04	52.98	54.00	-1.02	AVG

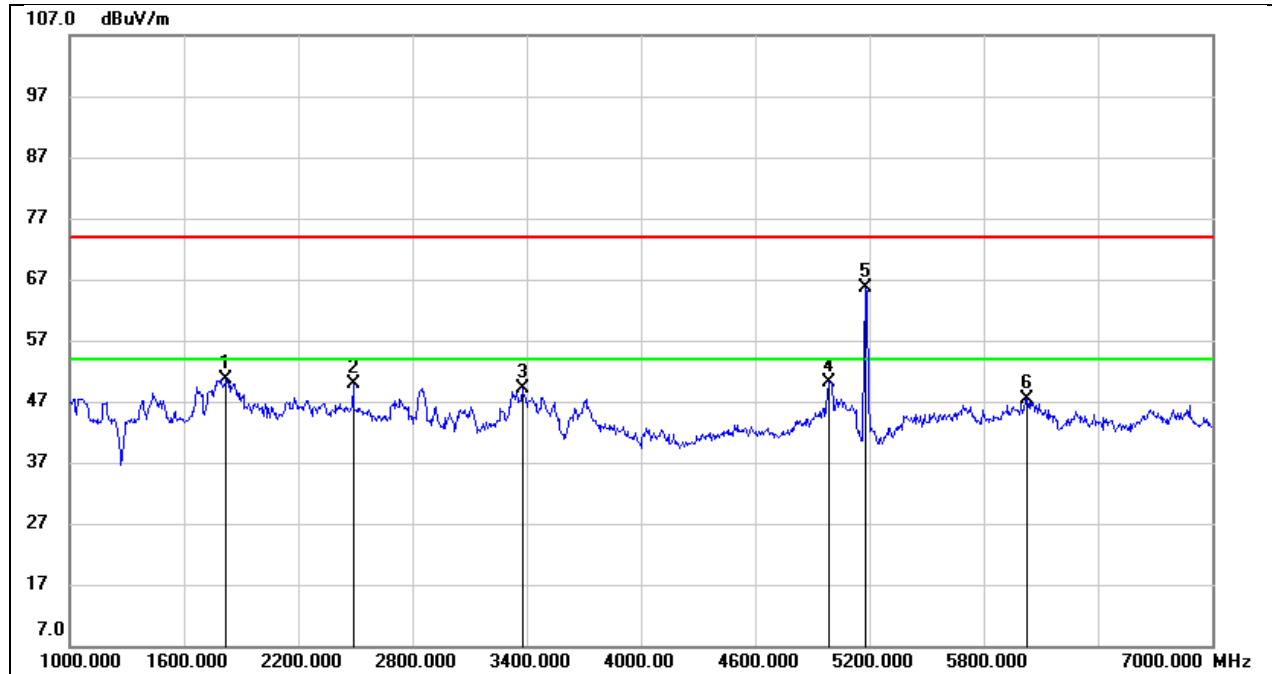
Test Mode:	802.11be EHT80 PK	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.800	22.92	41.12	64.04	68.20	-4.16	peak
2	5655.200	29.36	41.14	70.50	72.06	-1.56	peak
3	5725.000	43.61	41.20	84.81	122.20	-37.39	peak
4	5850.000	33.92	41.36	75.28	122.20	-46.92	peak
5	5979.600	19.14	41.61	60.75	68.20	-7.45	peak

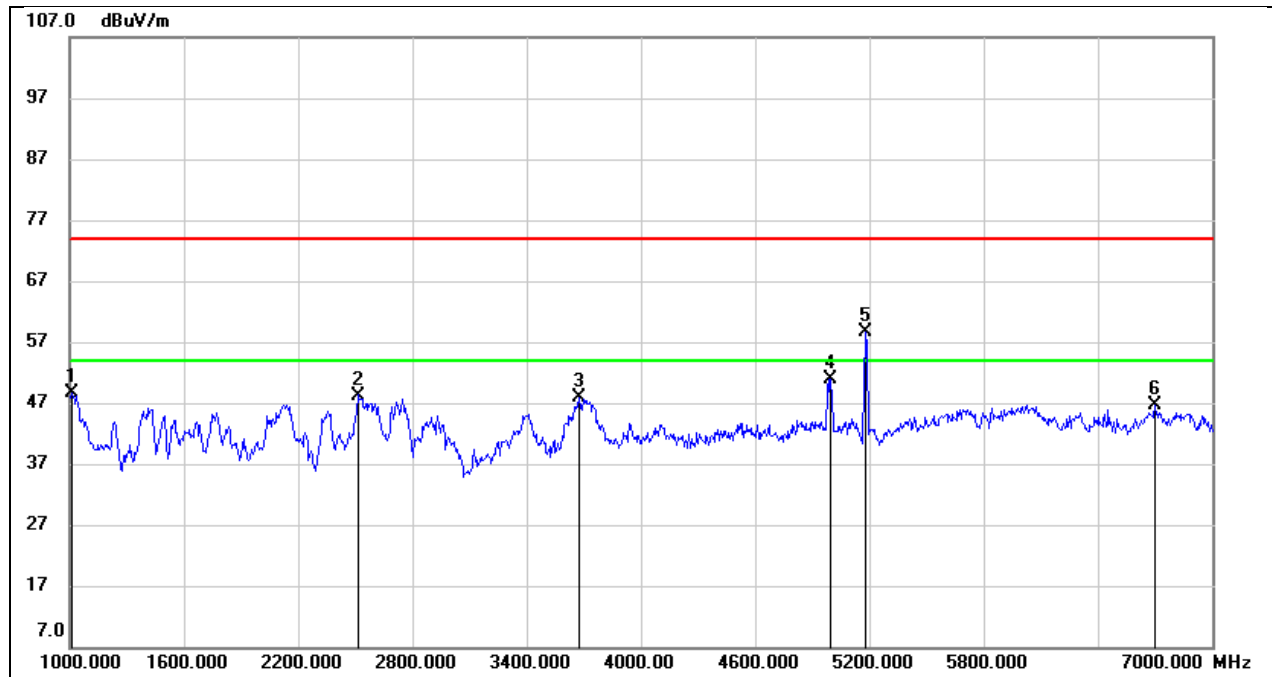
8.2. SPURIOUS EMISSIONS(1 GHZ~7 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



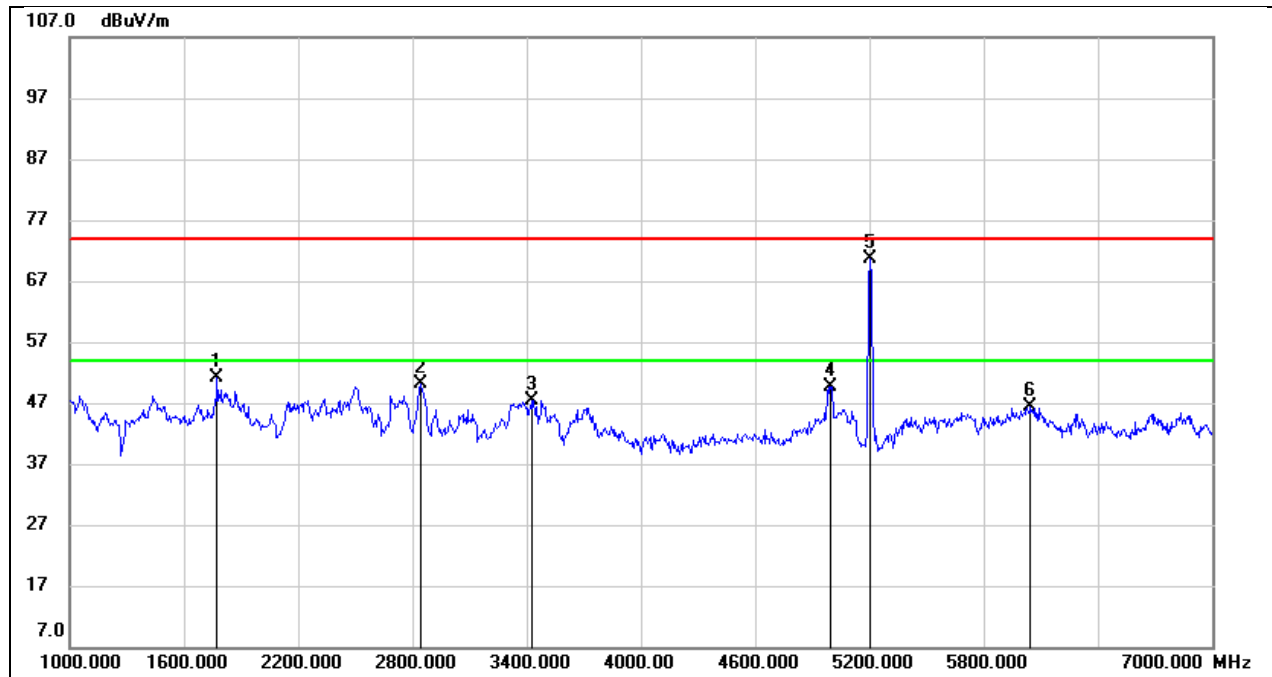
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1822.000	60.57	-9.94	50.63	74.00	-23.37	peak
2	2488.000	58.20	-8.20	50.00	74.00	-24.00	peak
3	3376.000	53.43	-4.32	49.11	74.00	-24.89	peak
4	4990.000	48.17	1.95	50.12	74.00	-23.88	peak
5	5180.000	63.47	2.20	65.67	/	/	Fundamental
6	6028.000	41.48	5.84	47.32	74.00	-26.68	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



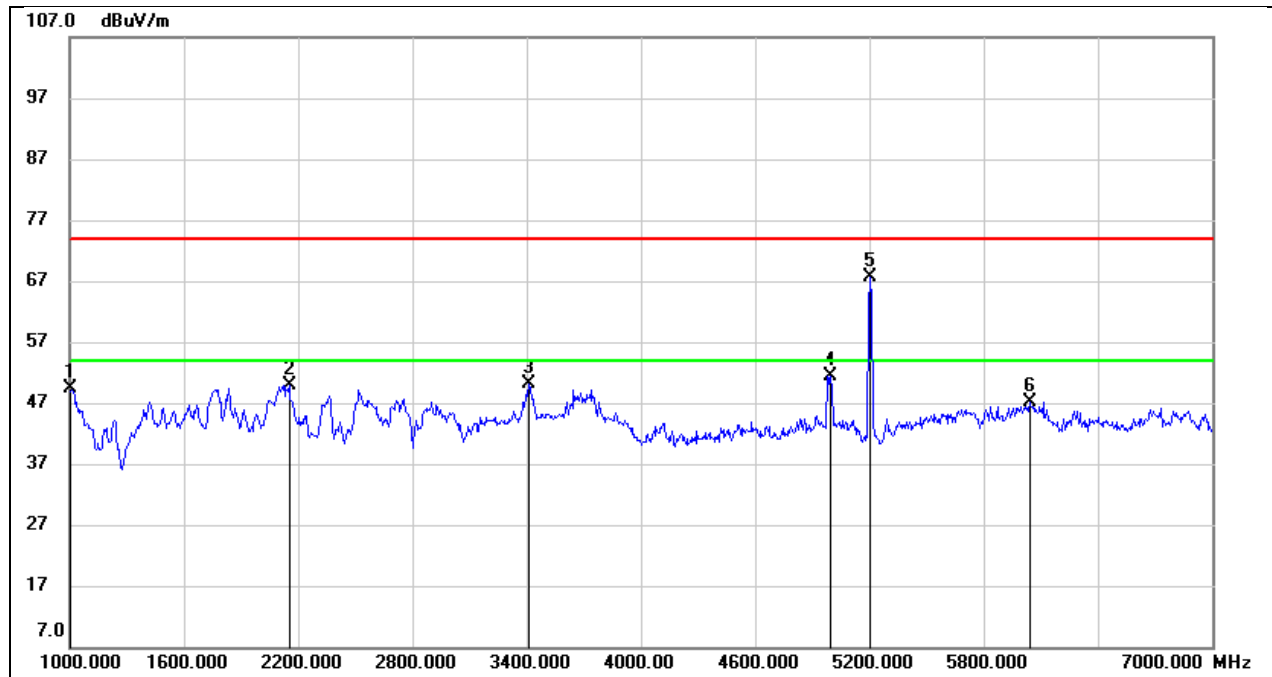
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1012.000	62.09	-13.50	48.59	74.00	-25.41	peak
2	2512.000	55.54	-7.29	48.25	74.00	-25.75	peak
3	3676.000	49.93	-2.17	47.76	74.00	-26.24	peak
4	4996.000	47.63	3.18	50.81	74.00	-23.19	peak
5	5180.000	55.32	3.40	58.72	/	/	Fundamental
6	6700.000	39.30	7.29	46.59	74.00	-27.41	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



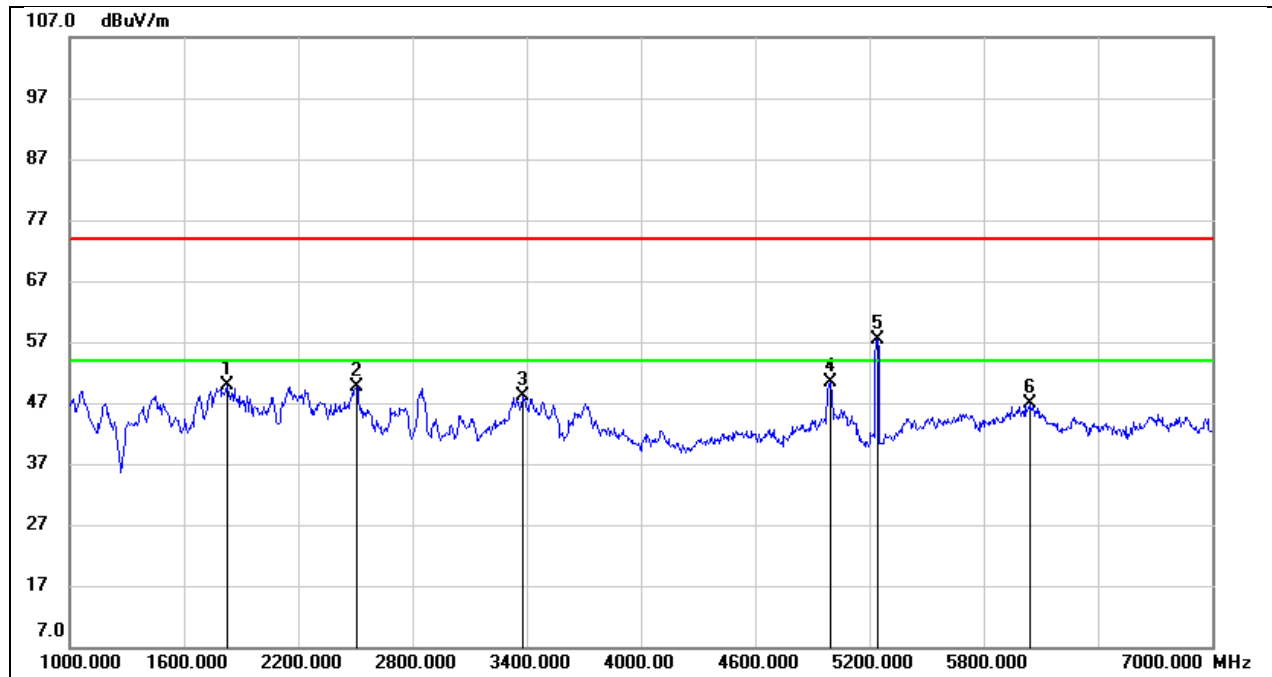
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1774.000	61.35	-10.10	51.25	74.00	-22.75	peak
2	2842.000	56.79	-6.64	50.15	74.00	-23.85	peak
3	3430.000	51.53	-4.10	47.43	74.00	-26.57	peak
4	4996.000	47.72	1.98	49.70	74.00	-24.30	peak
5	5200.000	68.34	2.25	70.59	/	/	Fundamental
6	6046.000	40.47	5.90	46.37	74.00	-27.63	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



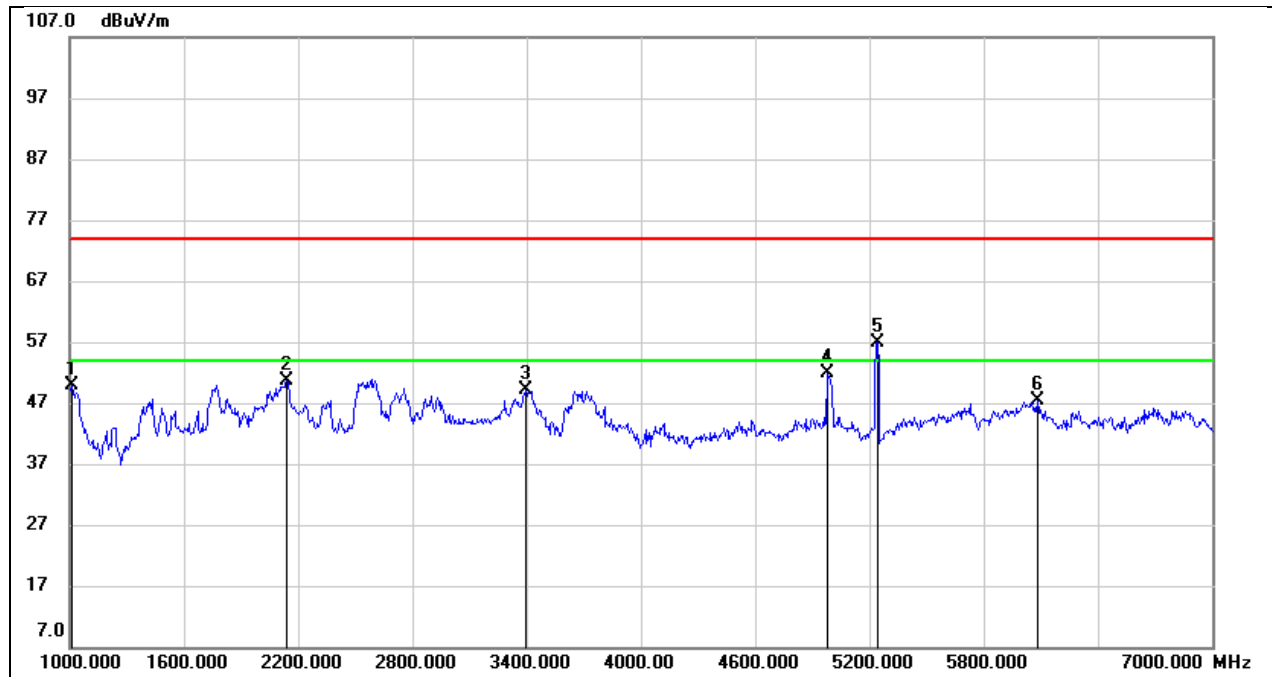
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1000.0000	62.96	-13.54	49.42	74.00	-24.58	peak
2	2152.000	58.58	-8.64	49.94	74.00	-24.06	peak
3	3412.000	53.20	-3.13	50.07	74.00	-23.93	peak
4	4996.000	48.29	3.18	51.47	74.00	-22.53	peak
5	5200.000	64.13	3.45	67.58	/	/	Fundamental
6	6040.000	40.24	6.86	47.10	74.00	-26.90	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



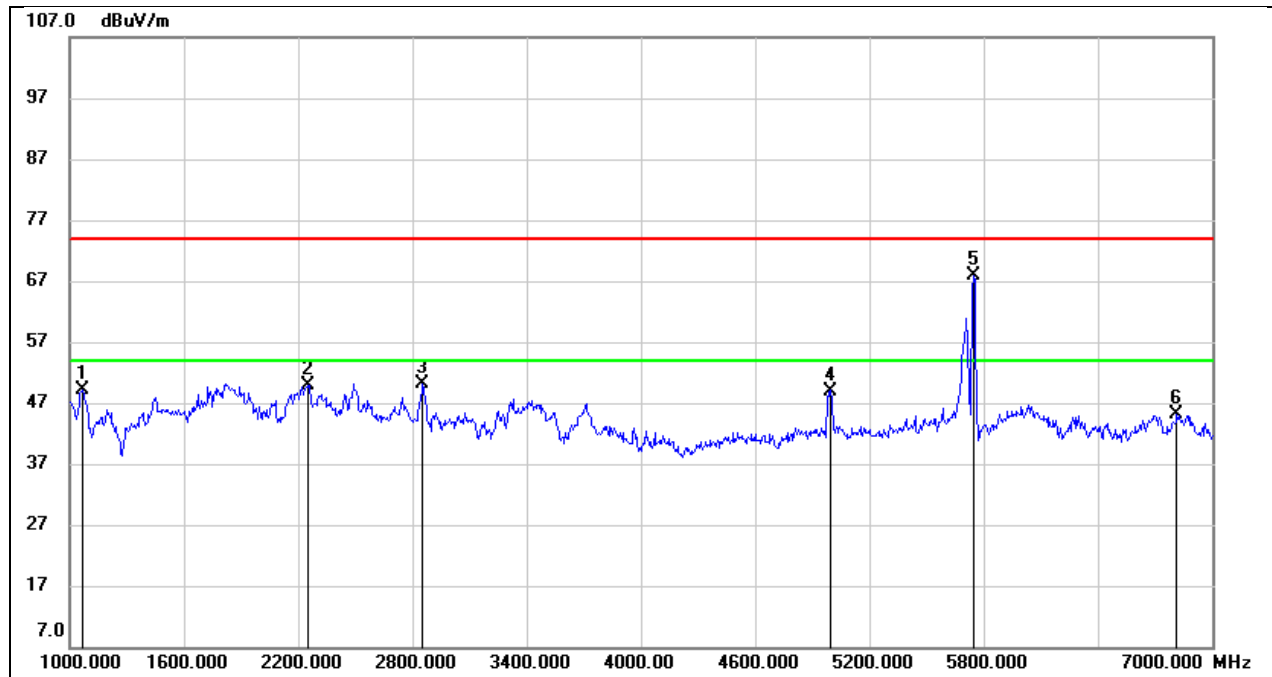
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1828.000	59.91	-9.95	49.96	74.00	-24.04	peak
2	2506.000	57.80	-8.13	49.67	74.00	-24.33	peak
3	3382.000	52.32	-4.30	48.02	74.00	-25.98	peak
4	4996.000	48.29	1.98	50.27	74.00	-23.73	peak
5	5240.000	55.05	2.40	57.45	/	/	Fundamental
6	6040.000	40.90	5.88	46.78	74.00	-27.22	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



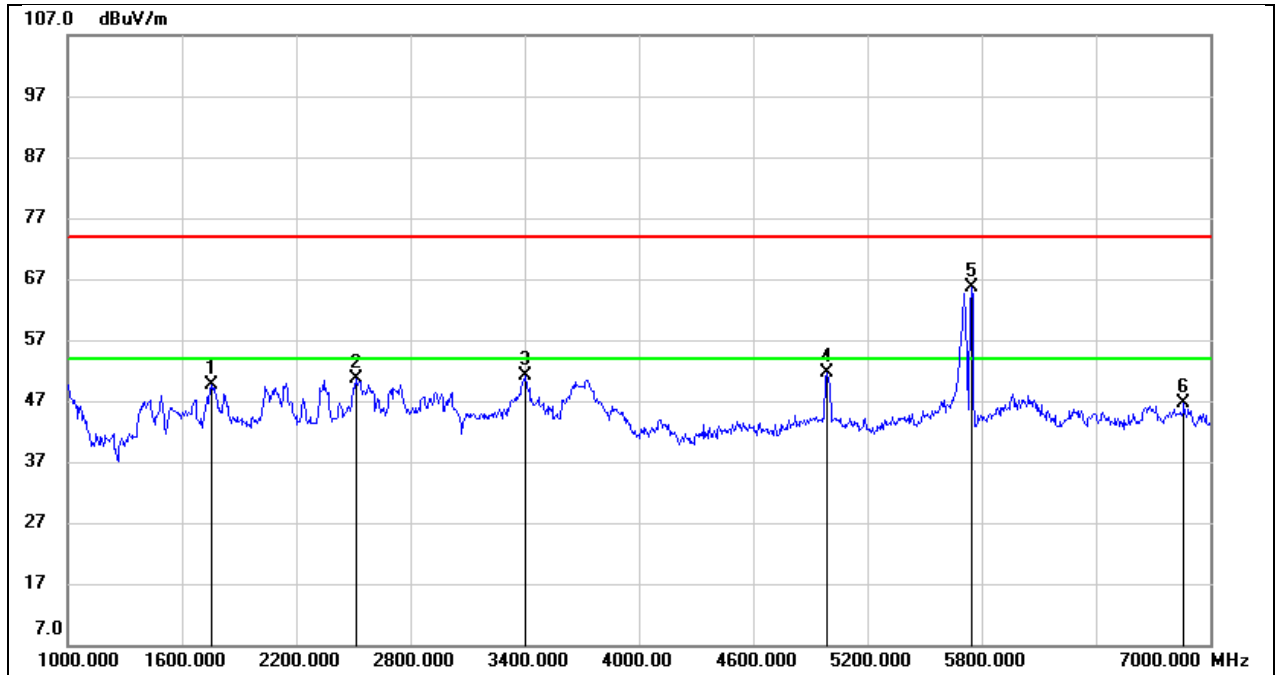
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1012.000	63.41	-13.50	49.91	74.00	-24.09	peak
2	2140.000	59.43	-8.68	50.75	74.00	-23.25	peak
3	3394.000	52.29	-3.18	49.11	74.00	-24.89	peak
4	4978.000	48.74	3.07	51.81	74.00	-22.19	peak
5	5240.000	53.21	3.60	56.81	/	/	Fundamental
6	6082.000	40.27	7.00	47.27	74.00	-26.73	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 5V



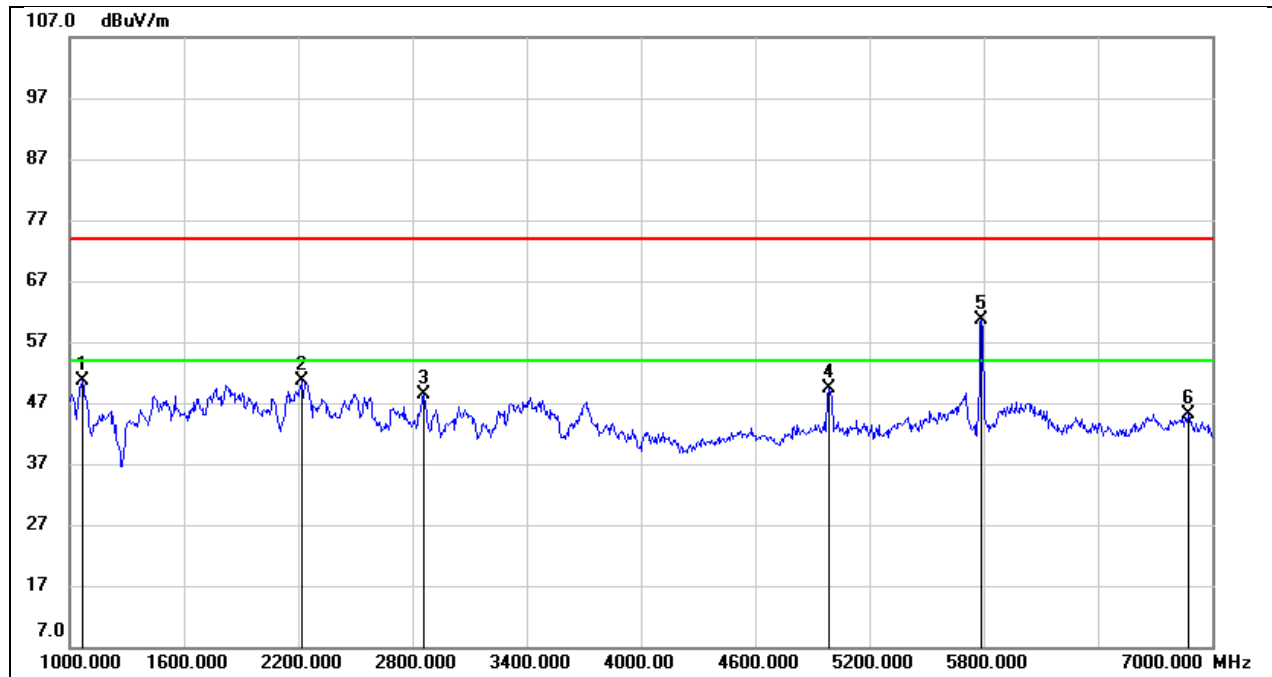
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	63.10	-13.93	49.17	74.00	-24.83	peak
2	2248.000	59.06	-9.13	49.93	74.00	-24.07	peak
3	2854.000	56.66	-6.59	50.07	74.00	-23.93	peak
4	4996.000	47.02	1.98	49.00	74.00	-25.00	peak
5	5745.000	63.58	4.38	67.96	/	/	Fundamental
6	6814.000	38.34	6.70	45.04	74.00	-28.96	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



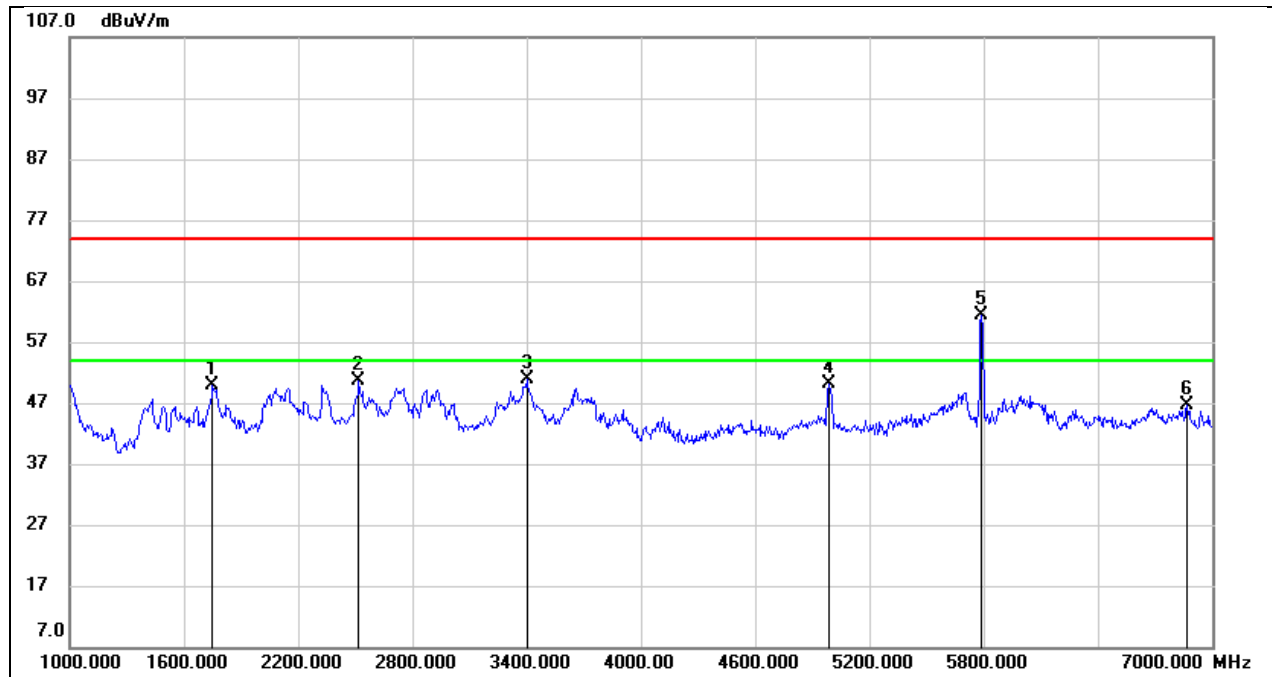
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1756.000	59.35	-9.72	49.63	74.00	-24.37	peak
2	2512.000	57.88	-7.29	50.59	74.00	-23.41	peak
3	3406.000	54.31	-3.15	51.16	74.00	-22.84	peak
4	4984.000	48.56	3.10	51.66	74.00	-22.34	peak
5	5745.000	60.26	5.49	65.75	/	/	Fundamental
6	6862.000	39.01	7.53	46.54	74.00	-27.46	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 5V



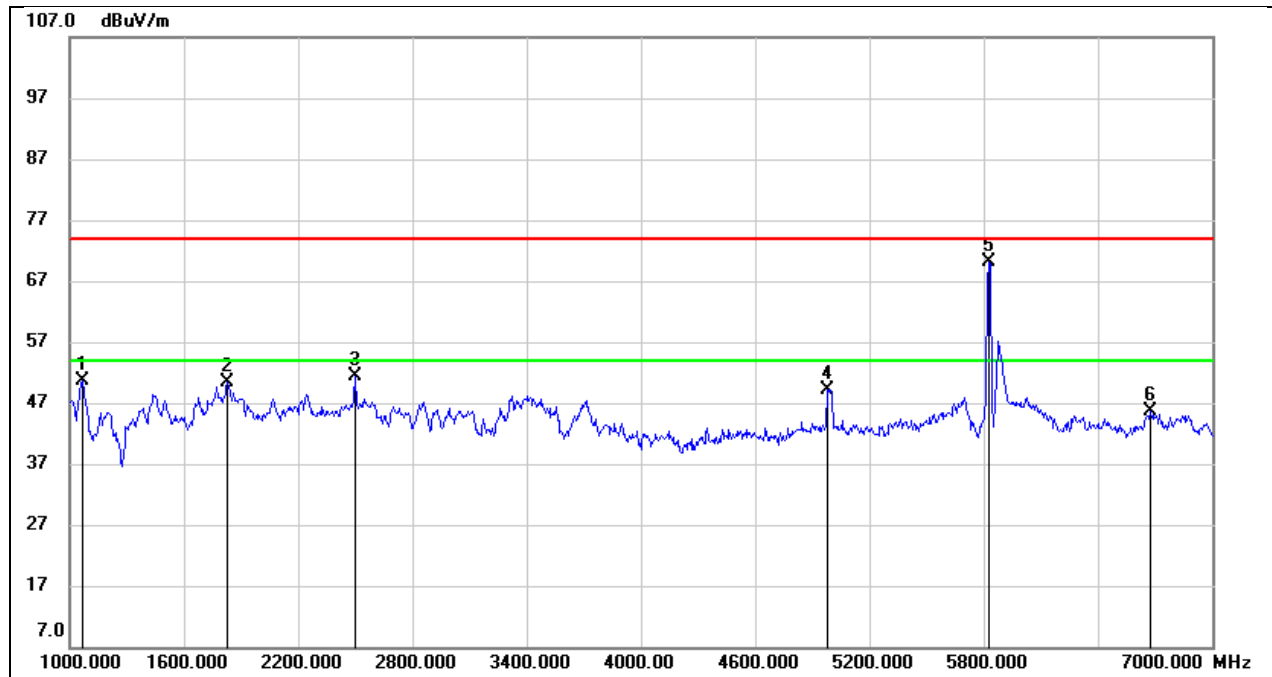
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	64.59	-13.93	50.66	74.00	-23.34	peak
2	2218.000	59.81	-9.25	50.56	74.00	-23.44	peak
3	2860.000	54.86	-6.56	48.30	74.00	-25.70	peak
4	4990.000	47.54	1.95	49.49	74.00	-24.51	peak
5	5785.000	55.94	4.58	60.52	/	/	Fundamental
6	6874.000	38.59	6.65	45.24	74.00	-28.76	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 5V



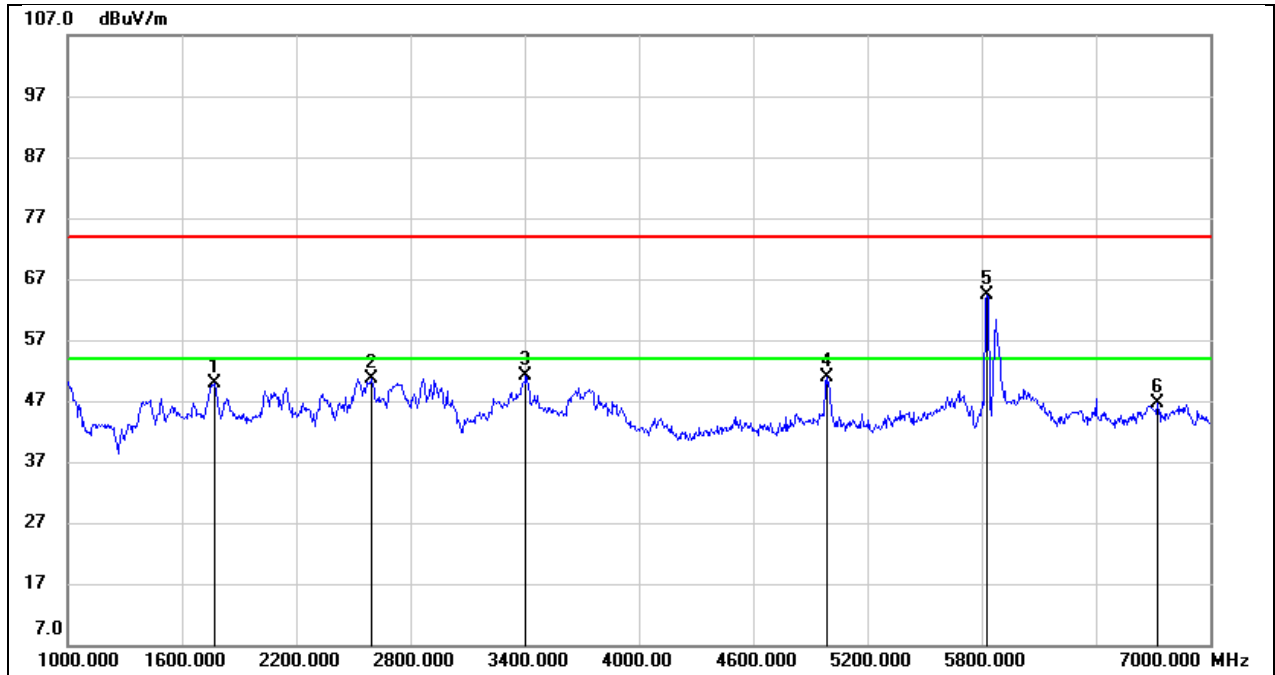
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1750.000	59.74	-9.77	49.97	74.00	-24.03	peak
2	2518.000	57.82	-7.26	50.56	74.00	-23.44	peak
3	3400.000	53.95	-3.17	50.78	74.00	-23.22	peak
4	4990.000	46.95	3.15	50.10	74.00	-23.90	peak
5	5785.000	55.79	5.67	61.46	/	/	Fundamental
6	6868.000	39.18	7.53	46.71	74.00	-27.29	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	64.53	-13.93	50.60	74.00	-23.40	peak
2	1828.000	60.30	-9.95	50.35	74.00	-23.65	peak
3	2500.000	59.62	-8.16	51.46	74.00	-22.54	peak
4	4978.000	47.18	1.88	49.06	74.00	-24.94	peak
5	5825.000	65.37	4.79	70.16	/	/	Fundamental
6	6676.000	39.34	6.38	45.72	74.00	-28.28	peak

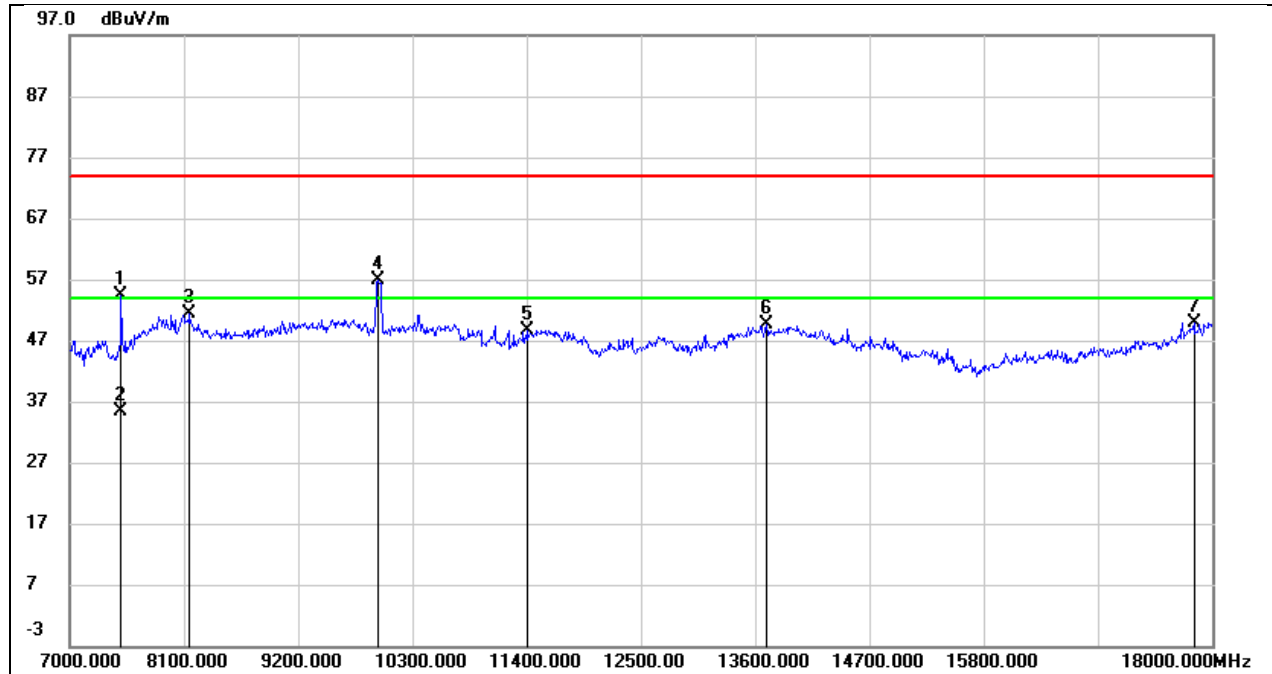
Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1768.000	59.42	-9.61	49.81	74.00	-24.19	peak
2	2596.000	57.54	-6.82	50.72	74.00	-23.28	peak
3	3406.000	54.20	-3.15	51.05	74.00	-22.95	peak
4	4984.000	47.81	3.10	50.91	74.00	-23.09	peak
5	5825.000	58.44	5.86	64.30	/	/	Fundamental
6	6724.000	39.27	7.35	46.62	74.00	-27.38	peak

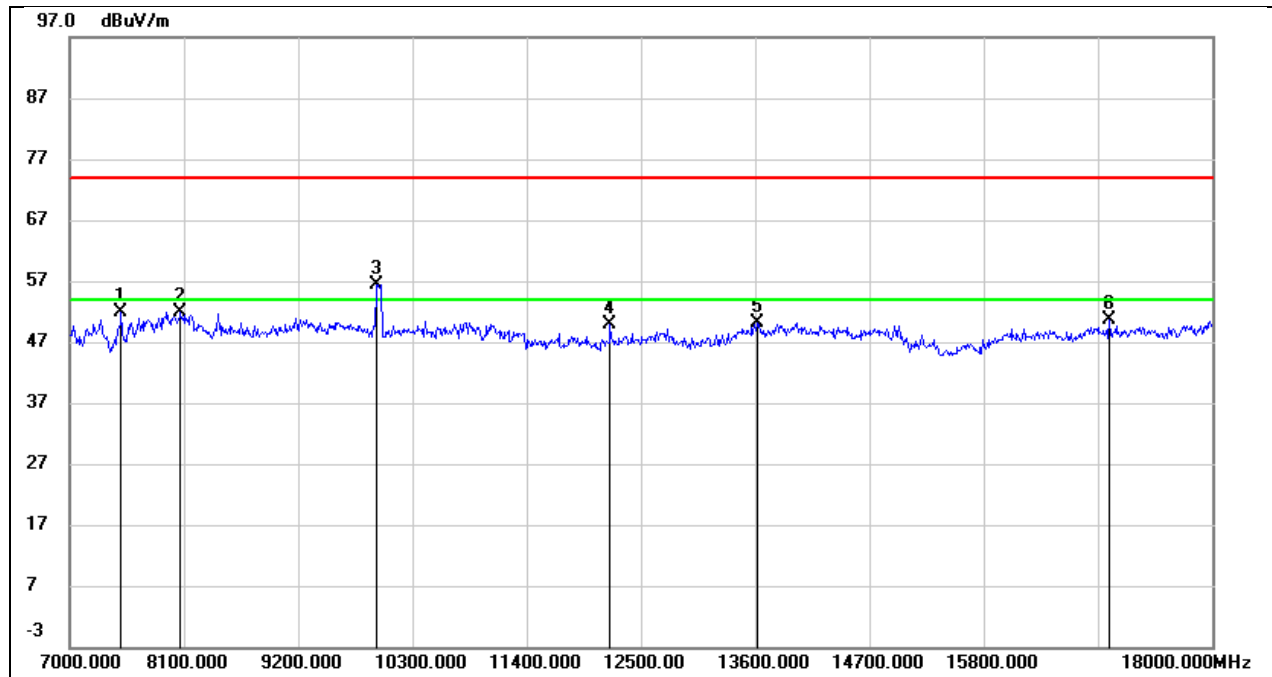
8.3. SPURIOUS EMISSIONS(7 GHZ~18 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



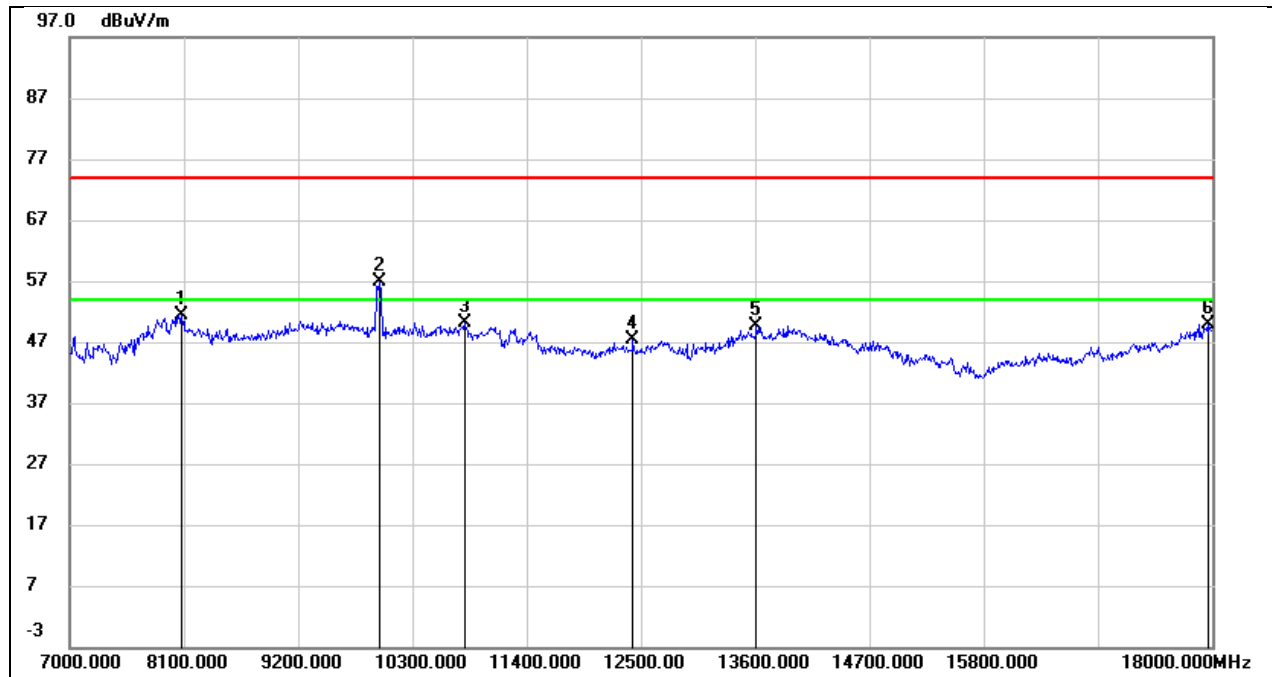
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	46.42	7.89	54.31	74.00	-19.69	peak
2	7495.000	27.61	7.89	35.50	54.00	-18.50	AVG
3	8155.000	43.03	8.28	51.31	74.00	-22.69	peak
4*	9970.000	43.37	13.41	56.78	68.20	-11.42	peak
5	11411.000	31.20	17.43	48.63	74.00	-25.37	peak
6	13710.000	27.37	22.36	49.73	74.00	-24.27	peak
7	17824.000	22.41	27.53	49.94	74.00	-24.06	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



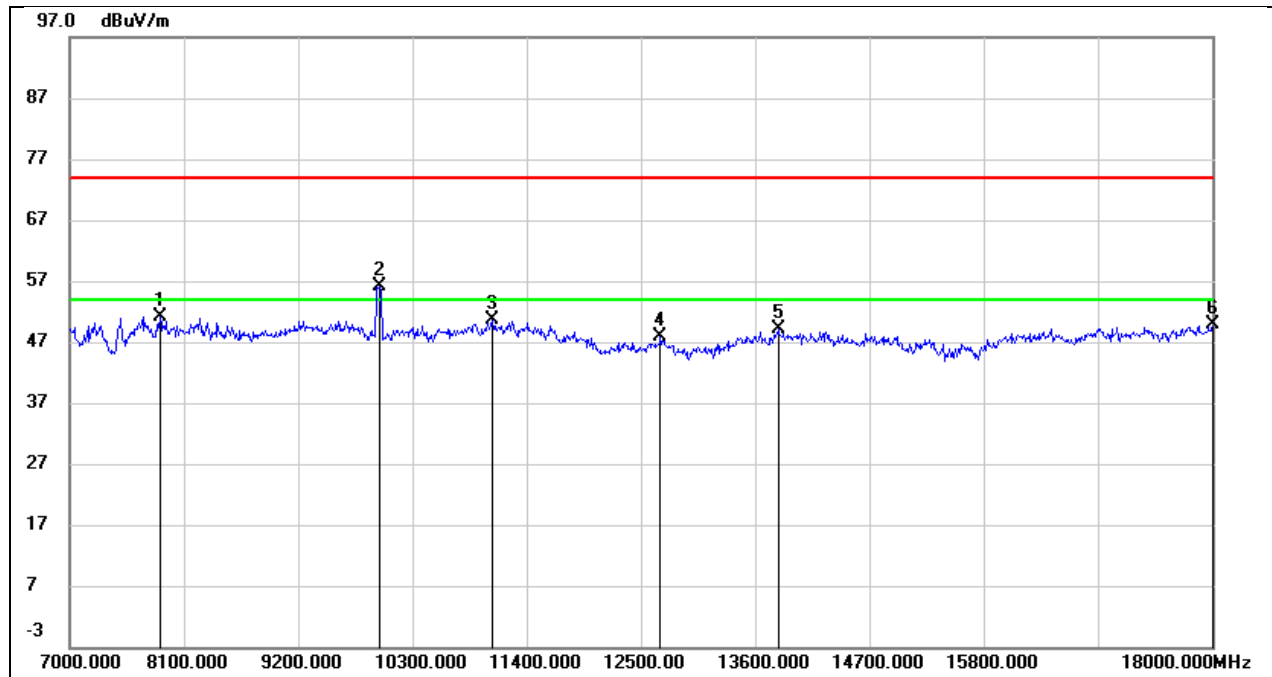
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	43.55	8.40	51.95	74.00	-22.05	peak
2	8067.000	43.24	8.68	51.92	74.00	-22.08	peak
3*	9959.000	43.66	12.79	56.45	68.20	-11.75	peak
4	12203.000	31.94	17.83	49.77	74.00	-24.23	peak
5	13622.000	29.64	20.44	50.08	74.00	-23.92	peak
6	17010.000	26.38	24.25	50.63	74.00	-23.37	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



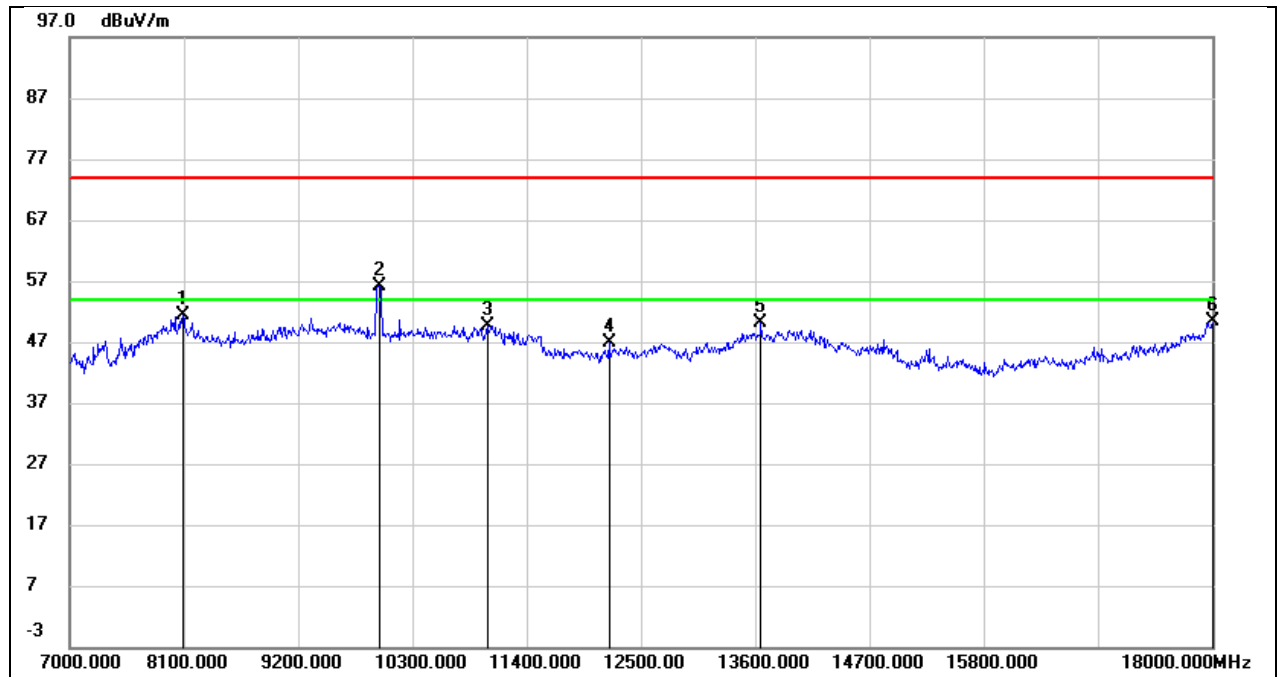
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	43.32	8.17	51.49	74.00	-22.51	peak
2*	9981.000	43.50	13.38	56.88	68.20	-17.12	peak
3	10806.000	35.68	14.36	50.04	74.00	-23.96	peak
4	12423.000	28.34	19.06	47.40	74.00	-26.60	peak
5	13611.000	27.53	22.09	49.62	74.00	-24.38	peak
6	17967.000	20.78	29.06	49.84	74.00	-24.16	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



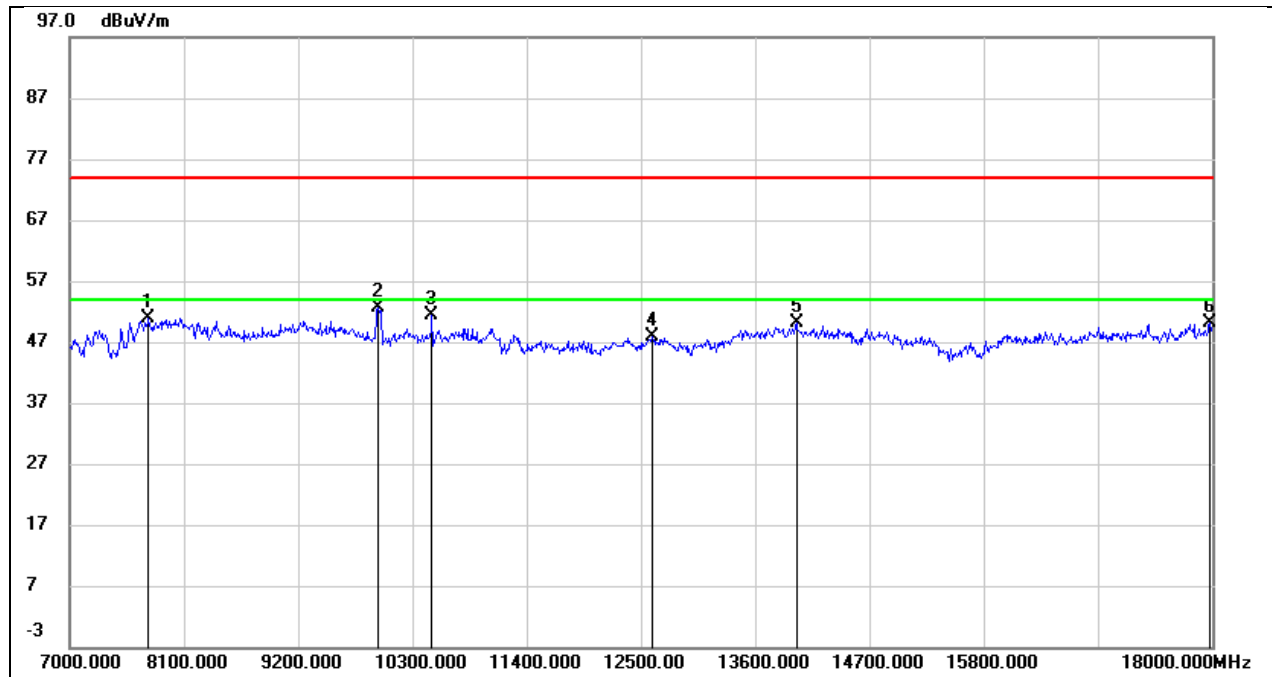
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7869.000	42.61	8.54	51.15	74.00	-22.85	peak
2*	9981.000	43.50	12.71	56.21	68.20	-11.99	peak
3	11070.000	36.17	14.47	50.64	74.00	-23.36	peak
4	12687.000	29.36	18.50	47.86	74.00	-26.14	peak
5	13820.000	28.08	21.06	49.14	74.00	-24.86	peak
6	18000.000	22.70	27.21	49.91	74.00	-24.09	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



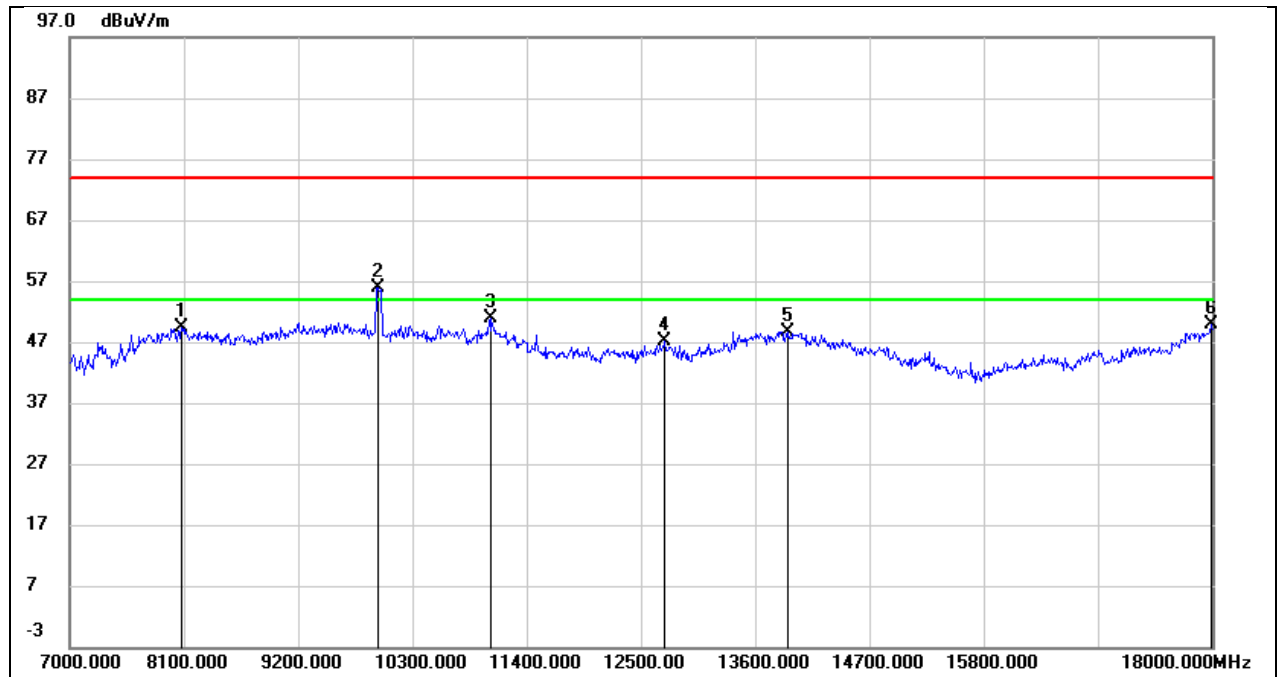
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8089.000	43.24	8.18	51.42	74.00	-22.58	peak
2*	9981.000	42.74	13.38	56.12	68.20	-12.08	peak
3	11026.000	34.45	15.11	49.56	74.00	-24.44	peak
4	12192.000	27.94	18.84	46.78	74.00	-27.22	peak
5	13655.000	27.99	22.21	50.20	74.00	-23.80	peak
6	18000.000	20.98	29.41	50.39	74.00	-23.61	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



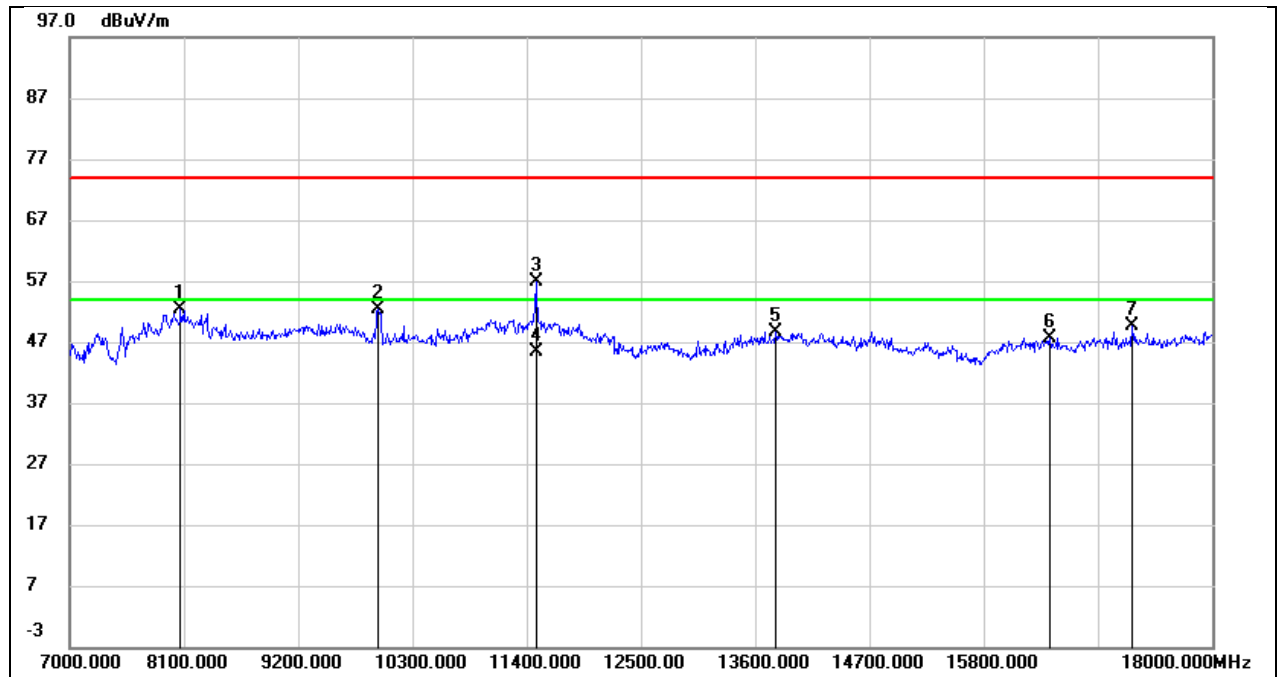
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	42.49	8.49	50.98	74.00	-23.02	peak
2	9970.000	39.97	12.75	52.72	74.00	-21.28	peak
3	10487.000	38.23	13.24	51.47	74.00	-22.53	peak
4	12610.000	29.51	18.26	47.77	74.00	-26.23	peak
5	13996.000	28.38	21.79	50.17	74.00	-23.83	peak
6	17978.000	23.08	27.08	50.16	74.00	-23.84	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 5V



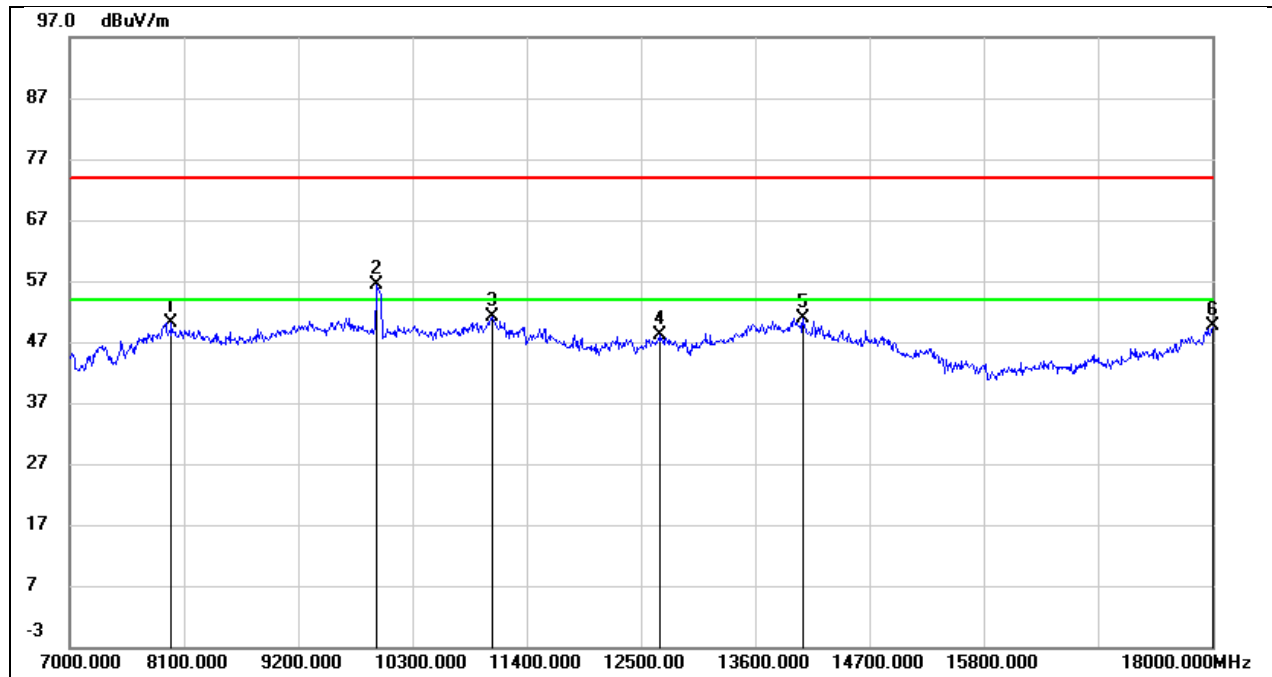
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	41.20	8.17	49.37	74.00	-24.63	peak
2*	9970.000	42.50	13.41	55.91	68.20	-12.29	peak
3	11059.000	35.50	15.31	50.81	74.00	-23.19	peak
4	12731.000	27.44	19.68	47.12	74.00	-26.88	peak
5	13919.000	25.60	23.09	48.69	74.00	-25.31	peak
6	17989.000	20.61	29.29	49.90	74.00	-24.10	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



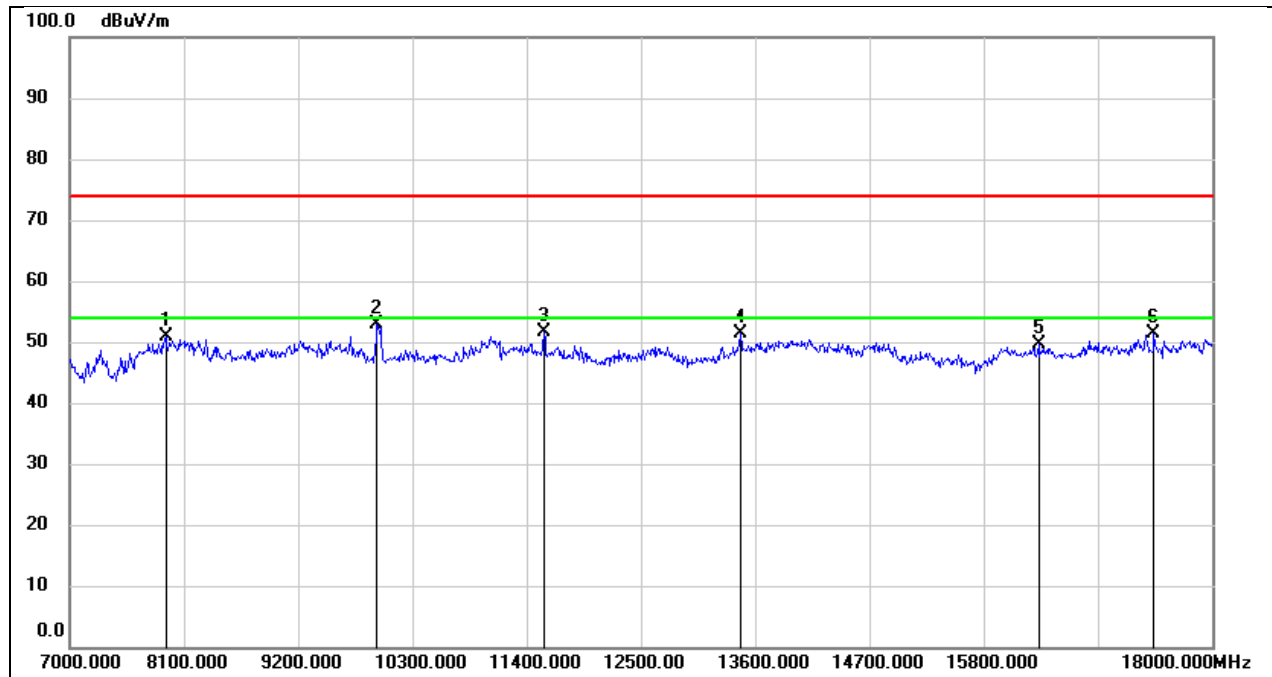
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8067.000	43.61	8.68	52.29	74.00	-21.71	peak
2	9970.000	39.56	12.75	52.31	74.00	-21.69	peak
3	11488.000	40.60	16.33	56.93	74.00	-17.07	peak
4	11488.000	29.10	16.33	45.43	54.00	-8.57	AVG
5	13798.000	27.75	20.98	48.73	74.00	-25.27	peak
6	16438.000	24.11	23.51	47.62	74.00	-26.38	peak
7	17230.000	24.93	24.73	49.66	74.00	-24.34	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 5V



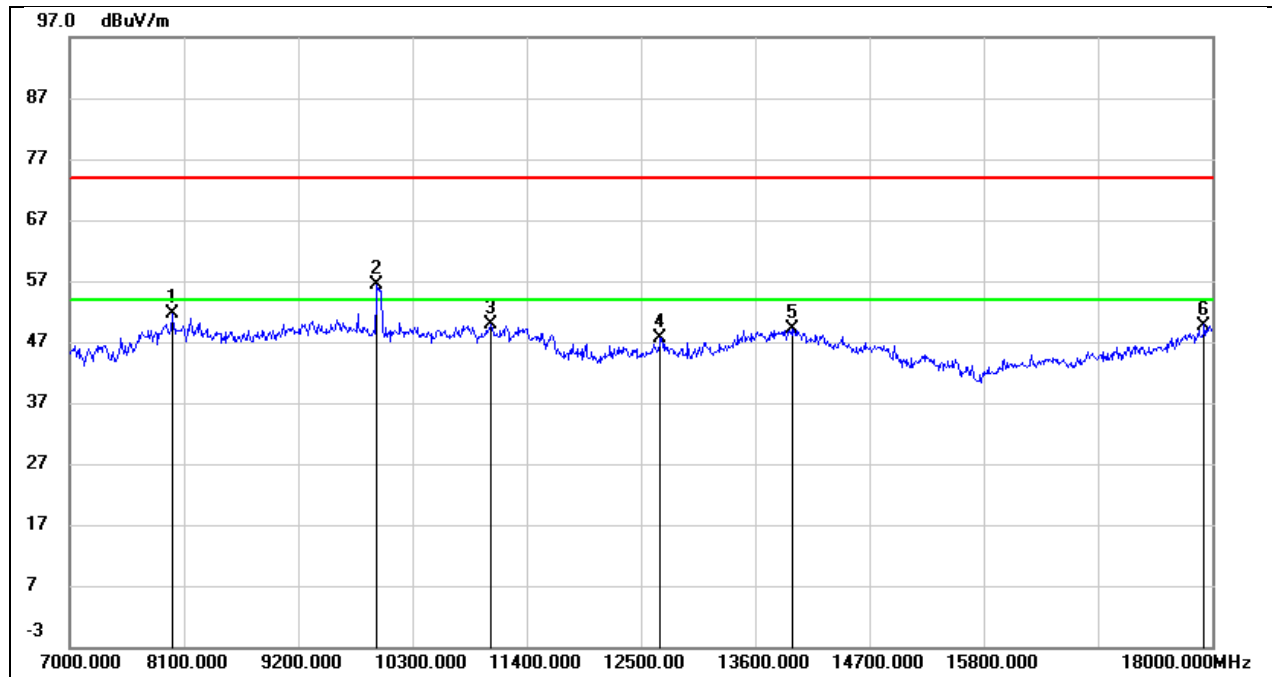
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7979.000	42.15	8.06	50.21	74.00	-23.79	peak
2*	9959.000	42.84	13.43	56.27	68.20	-11.93	peak
3	11070.000	35.69	15.36	51.05	74.00	-22.95	peak
4	12687.000	28.60	19.51	48.11	74.00	-25.89	peak
5	14062.000	27.73	23.15	50.88	74.00	-23.12	peak
6	18000.000	20.32	29.41	49.73	74.00	-24.27	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 5V



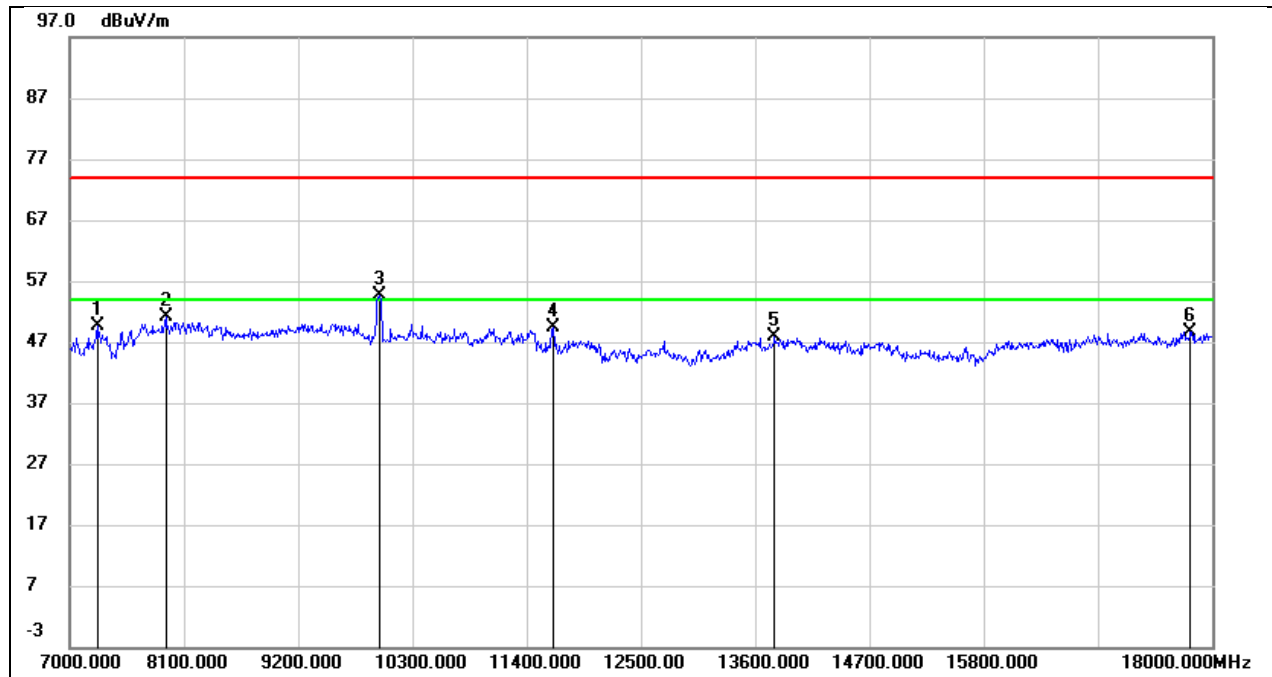
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7924.000	42.35	8.56	50.91	74.00	-23.09	peak
2	9959.000	40.19	12.79	52.98	74.00	-21.02	peak
3	11565.000	34.92	16.62	51.54	74.00	-22.46	peak
4	13457.000	31.34	20.07	51.41	74.00	-22.59	peak
5	16328.000	25.80	23.73	49.53	74.00	-24.47	peak
6	17439.000	26.50	24.82	51.32	74.00	-22.68	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 5V



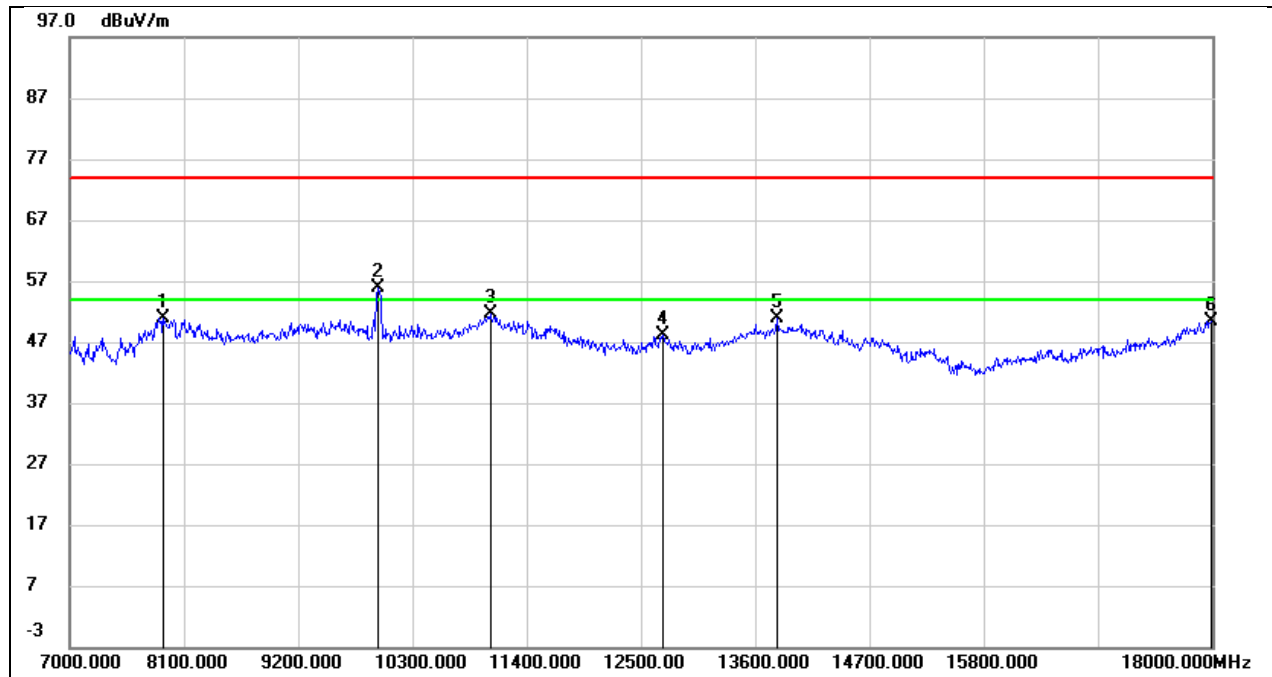
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	43.44	8.07	51.51	74.00	-22.49	peak
2*	9959.000	42.88	13.43	56.31	68.20	-11.89	peak
3	11059.000	34.54	15.31	49.85	74.00	-24.15	peak
4	12687.000	28.14	19.51	47.65	74.00	-26.35	peak
5	13952.000	25.92	23.22	49.14	74.00	-24.86	peak
6	17923.000	21.17	28.58	49.75	74.00	-24.25	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



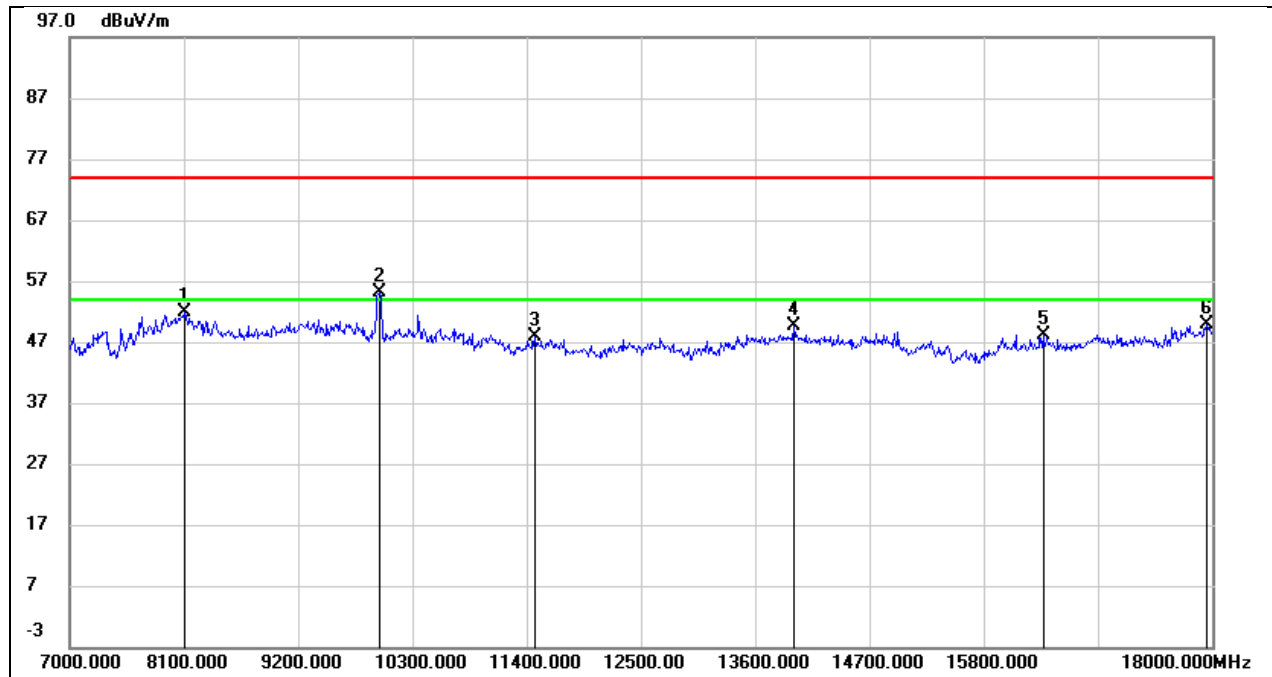
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7264.000	41.27	8.36	49.63	74.00	-24.37	peak
2	7924.000	42.68	8.56	51.24	74.00	-22.76	peak
3*	9981.000	41.93	12.71	54.64	68.20	-13.56	peak
4	11653.000	32.69	16.78	49.47	74.00	-24.53	peak
5	13787.000	26.87	20.94	47.81	74.00	-26.19	peak
6	17791.000	22.82	25.91	48.73	74.00	-25.27	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



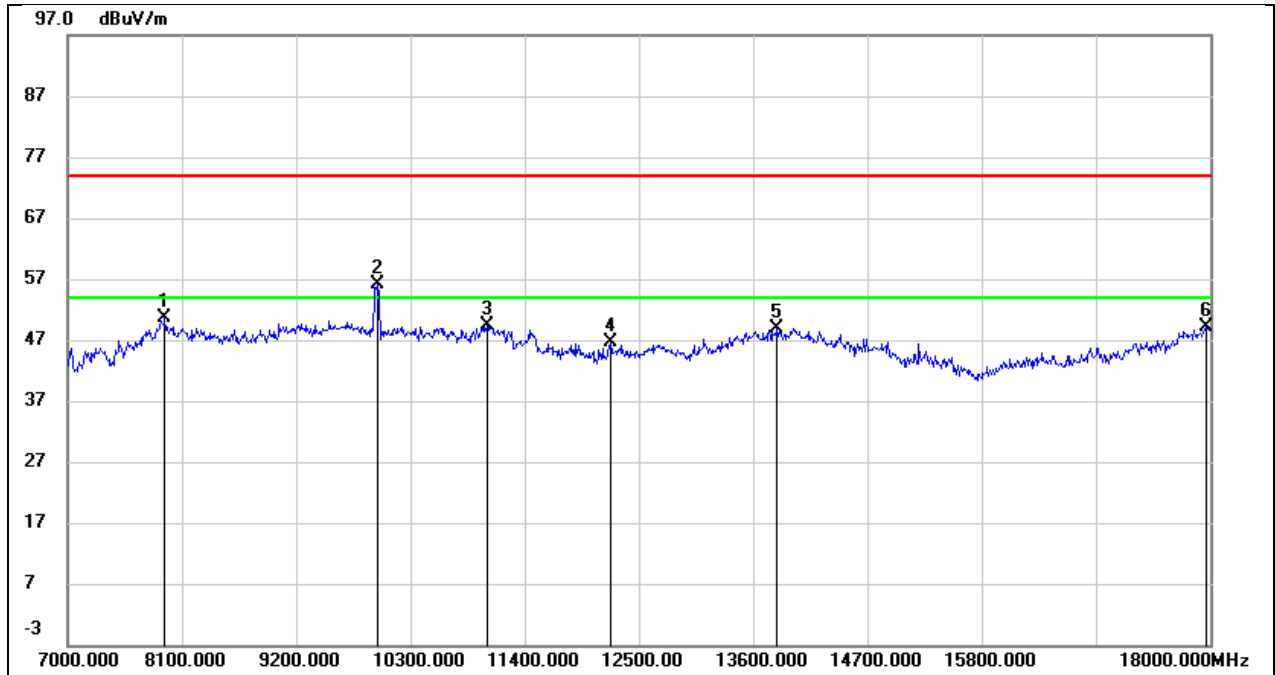
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7902.000	42.79	8.05	50.84	74.00	-23.16	peak
2*	9970.000	42.40	13.41	55.81	68.20	-12.39	peak
3	11048.000	36.50	15.24	51.74	74.00	-22.26	peak
4	12709.000	28.43	19.59	48.02	74.00	-25.98	peak
5	13809.000	28.16	22.65	50.81	74.00	-23.19	peak
6	17989.000	21.20	29.29	50.49	74.00	-23.51	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



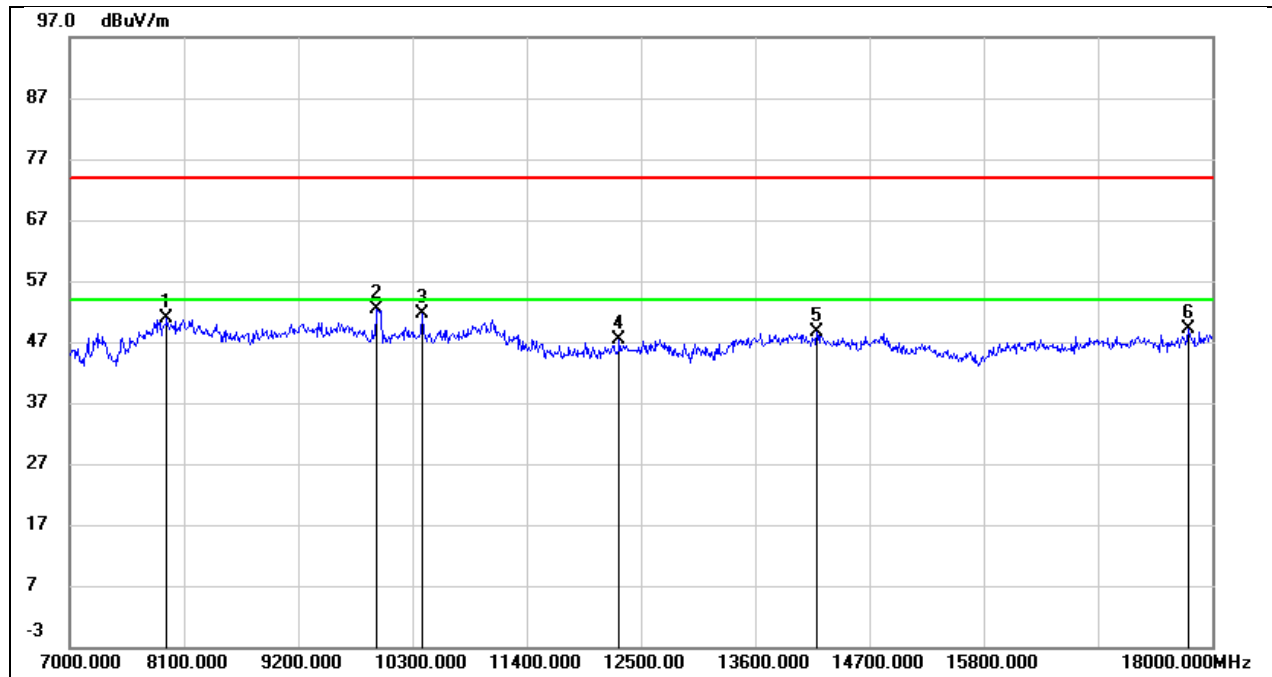
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8100.000	43.12	8.72	51.84	74.00	-22.16	peak
2*	9981.000	42.39	12.71	55.10	68.20	-13.10	peak
3	11477.000	31.57	16.30	47.87	74.00	-26.13	peak
4	13974.000	27.81	21.70	49.51	74.00	-24.49	peak
5	16372.000	24.56	23.61	48.17	74.00	-25.83	peak
6	17945.000	22.92	26.87	49.79	74.00	-24.21	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



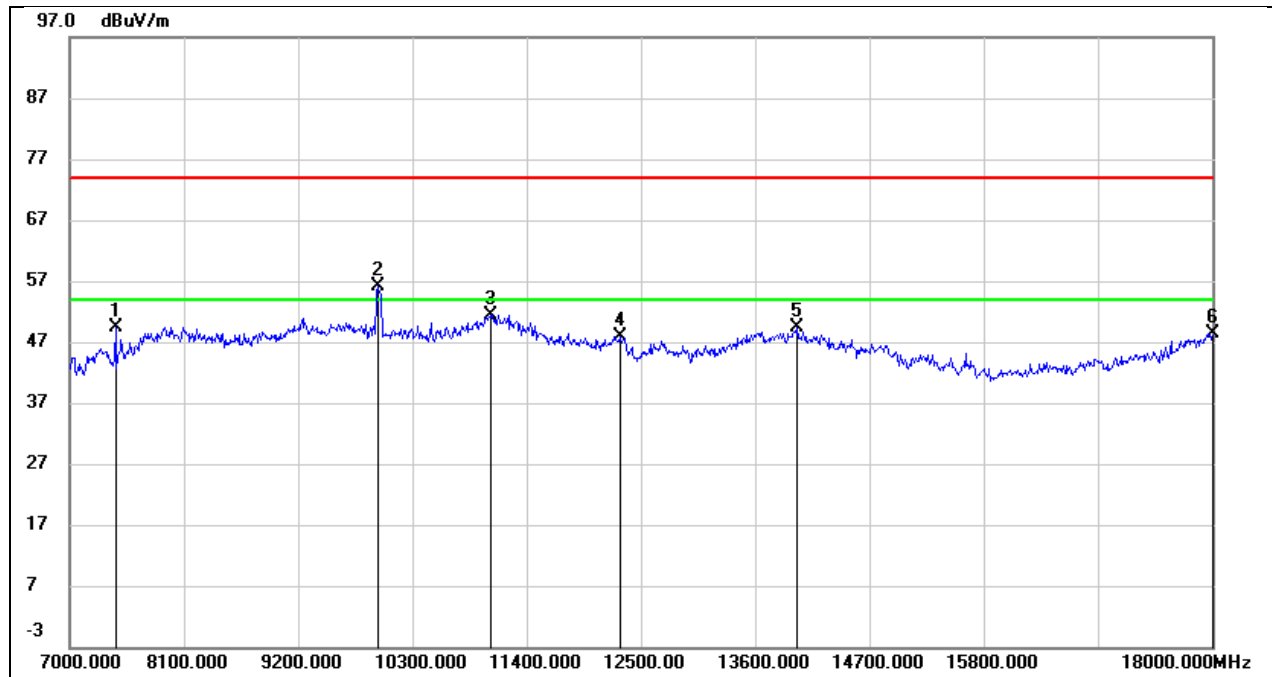
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	42.51	8.06	50.57	74.00	-23.43	peak
2*	9981.000	42.86	13.38	56.24	68.20	-11.96	peak
3	11037.000	34.15	15.18	49.33	74.00	-24.67	peak
4	12225.000	27.87	18.87	46.74	74.00	-27.26	peak
5	13831.000	26.19	22.74	48.93	74.00	-25.07	peak
6	17956.000	20.08	28.94	49.02	74.00	-24.98	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



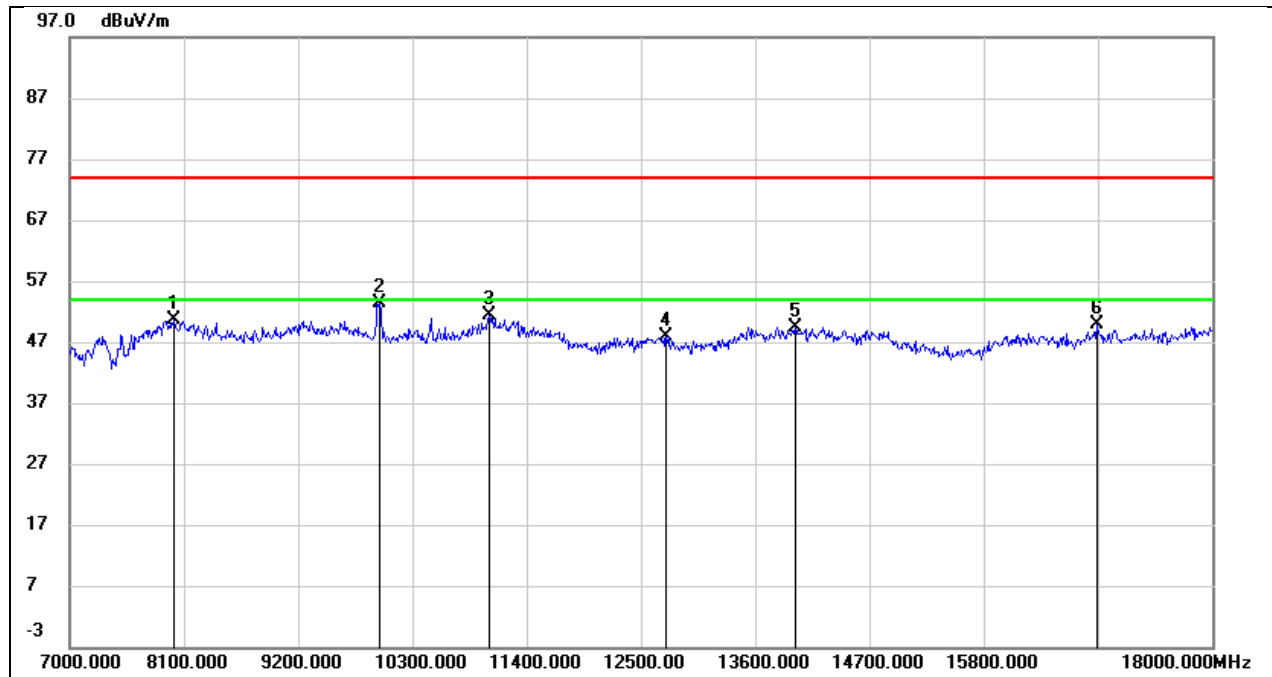
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	42.38	8.56	50.94	74.00	-23.06	peak
2	9959.000	39.63	12.79	52.42	74.00	-21.58	peak
3	10388.000	38.64	12.99	51.63	74.00	-22.37	peak
4	12291.000	29.45	17.96	47.41	74.00	-26.59	peak
5	14194.000	27.16	21.51	48.67	74.00	-25.33	peak
6	17769.000	23.21	25.80	49.01	74.00	-24.99	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



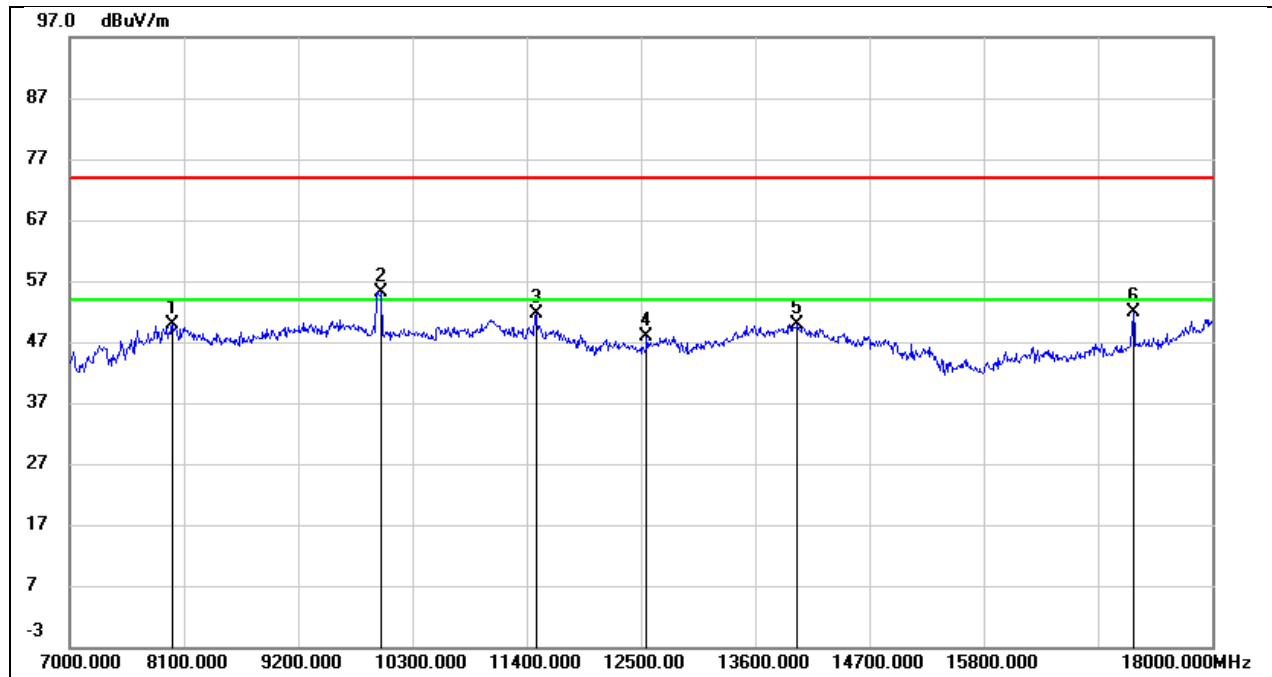
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7440.000	41.62	7.85	49.47	74.00	-24.53	peak
2*	9970.000	42.80	13.41	56.21	68.20	-11.96	peak
3	11048.000	36.21	15.24	51.45	74.00	-22.55	peak
4	12302.000	29.01	18.96	47.97	74.00	-26.03	peak
5	14007.000	25.94	23.39	49.33	74.00	-24.67	peak
6	18000.000	18.99	29.41	48.40	74.00	-25.60	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



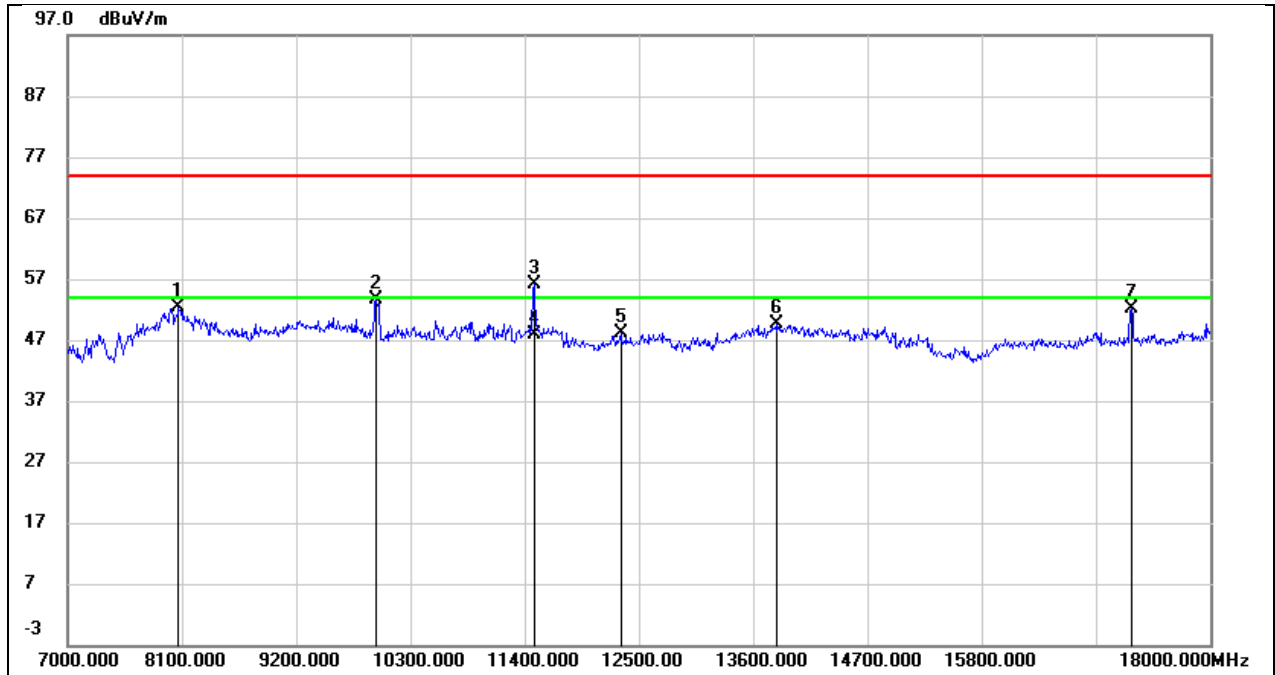
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8001.000	42.06	8.57	50.63	74.00	-23.37	peak
2	9981.000	40.56	12.71	53.27	74.00	-20.73	peak
3	11037.000	37.17	14.33	51.50	74.00	-22.50	peak
4	12742.000	29.30	18.68	47.98	74.00	-26.02	peak
5	13985.000	27.60	21.75	49.35	74.00	-24.65	peak
6	16889.000	25.81	24.03	49.84	74.00	-24.16	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 5V



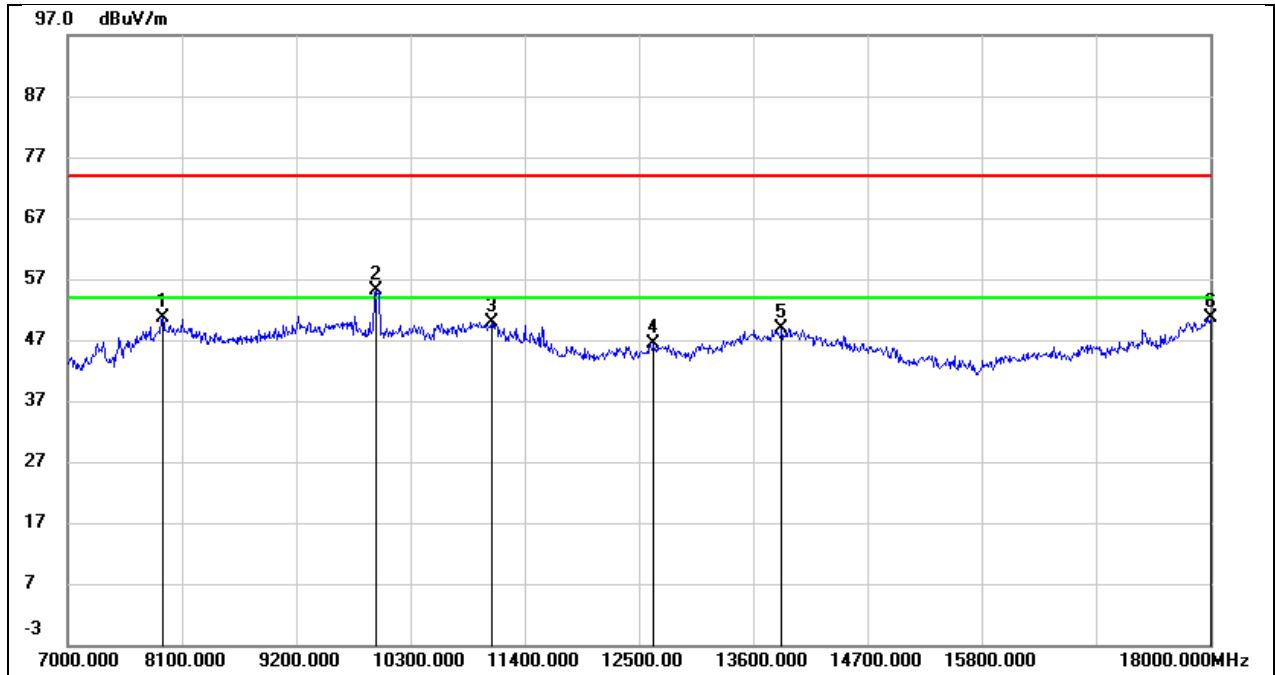
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	41.83	8.07	49.90	74.00	-24.10	peak
2*	10003.000	41.88	13.33	55.21	68.20	-12.99	peak
3	11488.000	33.91	17.81	51.72	74.00	-22.28	peak
4	12555.000	28.84	19.12	47.96	74.00	-26.04	peak
5	14007.000	26.46	23.39	49.85	74.00	-24.15	peak
6	17241.000	28.00	23.86	51.86	74.00	-22.14	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



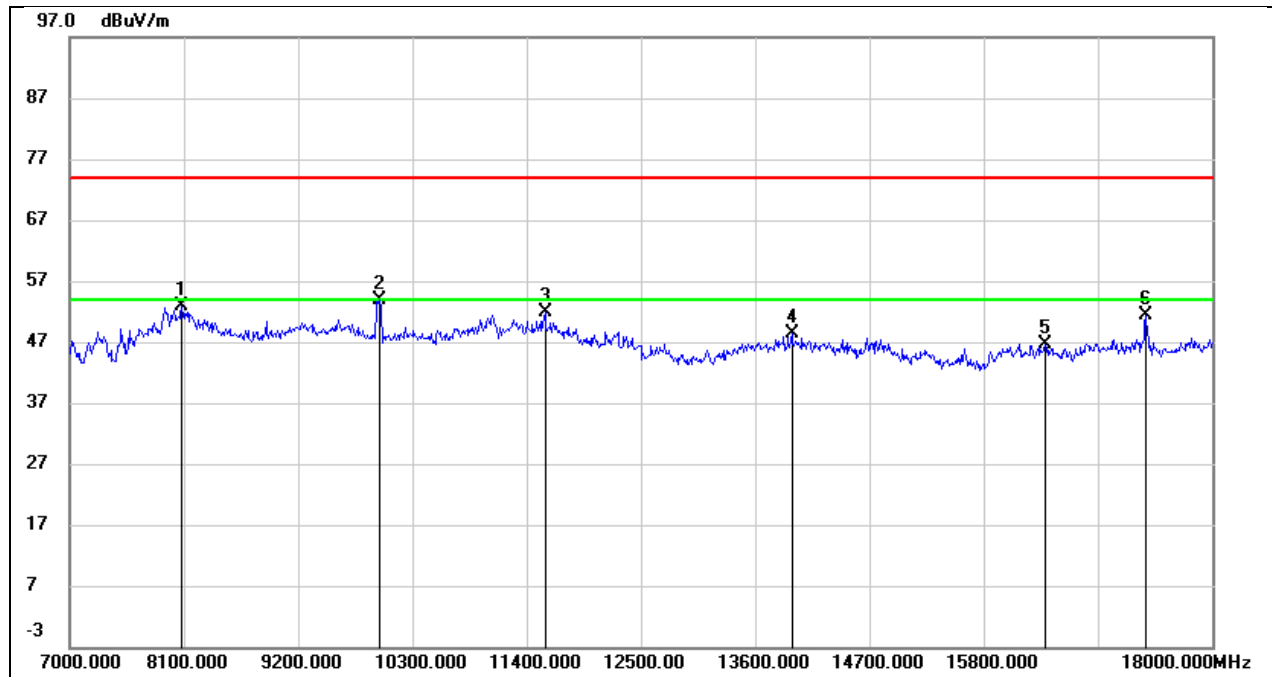
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8067.000	43.79	8.68	52.47	74.00	-21.53	peak
2	9970.000	40.88	12.75	53.63	74.00	-20.37	peak
3	11488.000	39.72	16.33	56.05	74.00	-17.95	peak
4	11488.000	31.47	16.33	47.80	54.00	-6.20	AVG
5	12324.000	30.14	18.01	48.15	74.00	-25.85	peak
6	13831.000	28.45	21.11	49.56	74.00	-24.44	peak
7	17241.000	27.32	24.74	52.06	74.00	-21.94	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 5V



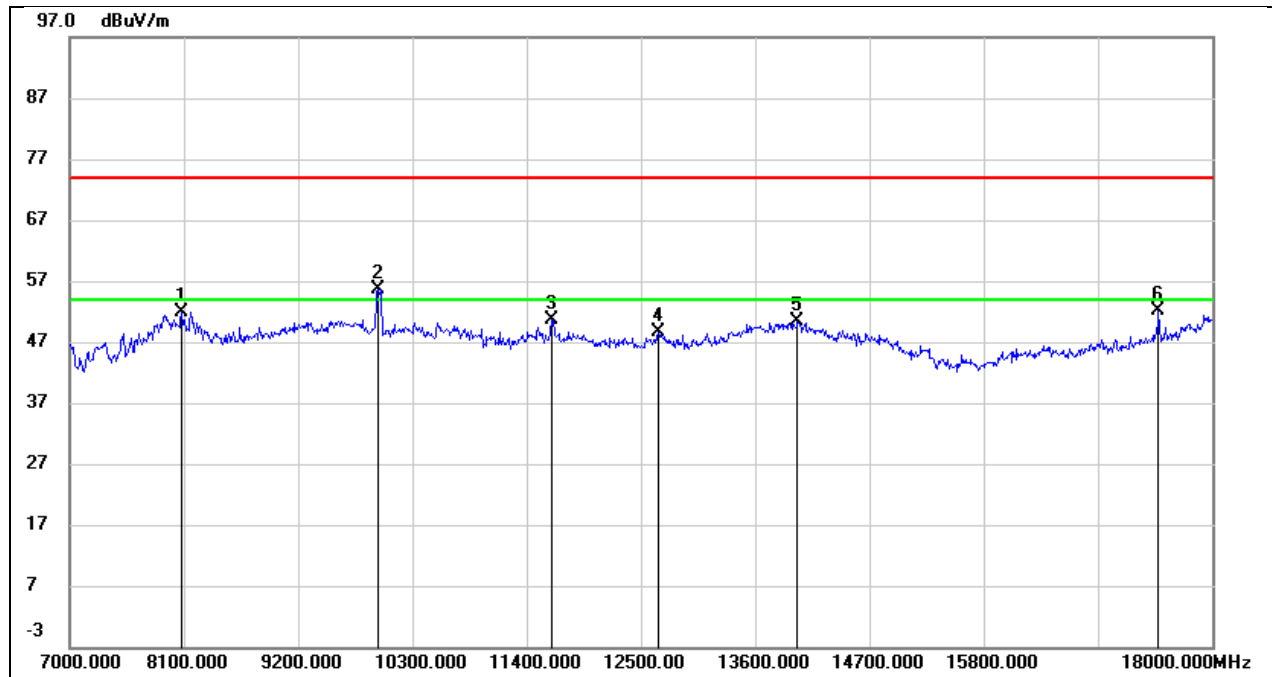
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	42.65	8.06	50.71	74.00	-23.29	peak
2*	9970.000	41.79	13.41	55.20	68.20	-13.00	peak
3	11081.000	34.53	15.44	49.97	74.00	-24.03	peak
4	12643.000	26.98	19.35	46.33	74.00	-27.67	peak
5	13875.000	26.05	22.92	48.97	74.00	-25.03	peak
6	18000.000	21.21	29.41	50.62	74.00	-23.38	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 5V



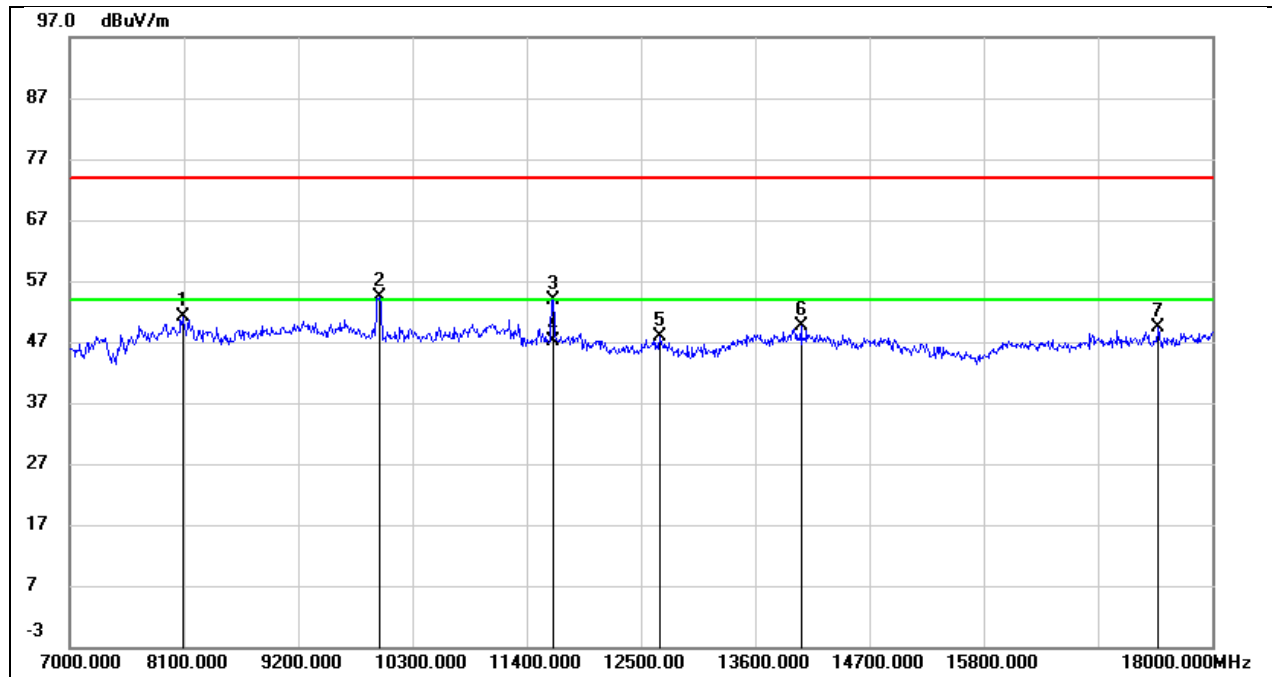
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	44.15	8.68	52.83	74.00	-21.17	peak
2	9981.000	41.23	12.71	53.94	74.00	-20.06	peak
3	11576.000	35.31	16.67	51.98	74.00	-22.02	peak
4	13952.000	26.69	21.61	48.30	74.00	-25.70	peak
5	16394.000	23.16	23.53	46.69	74.00	-27.31	peak
6	17362.000	26.59	24.83	51.42	74.00	-22.58	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 5V



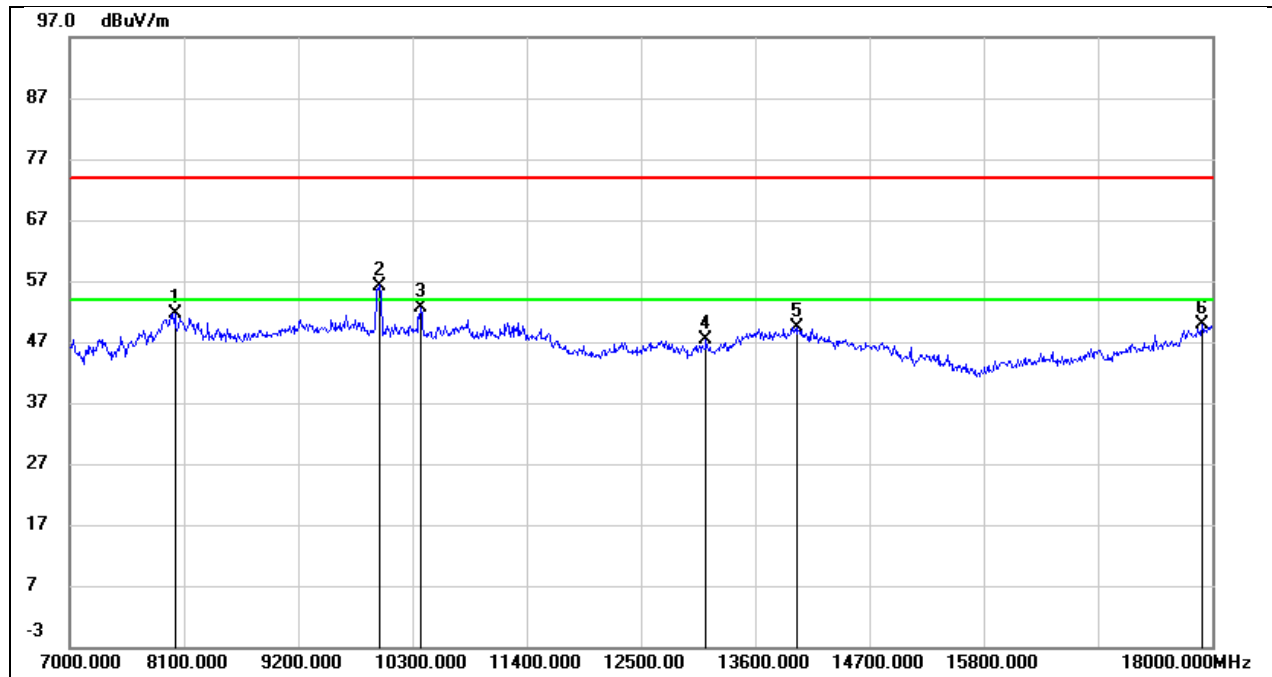
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	43.69	8.17	51.86	74.00	-22.14	peak
2*	9970.000	42.17	13.41	55.58	68.20	-12.62	peak
3	11642.000	32.57	18.16	50.73	74.00	-23.27	peak
4	12665.000	29.32	19.42	48.74	74.00	-25.26	peak
5	14007.000	27.00	23.39	50.39	74.00	-23.61	peak
6	17483.000	27.37	24.73	52.10	74.00	-21.90	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



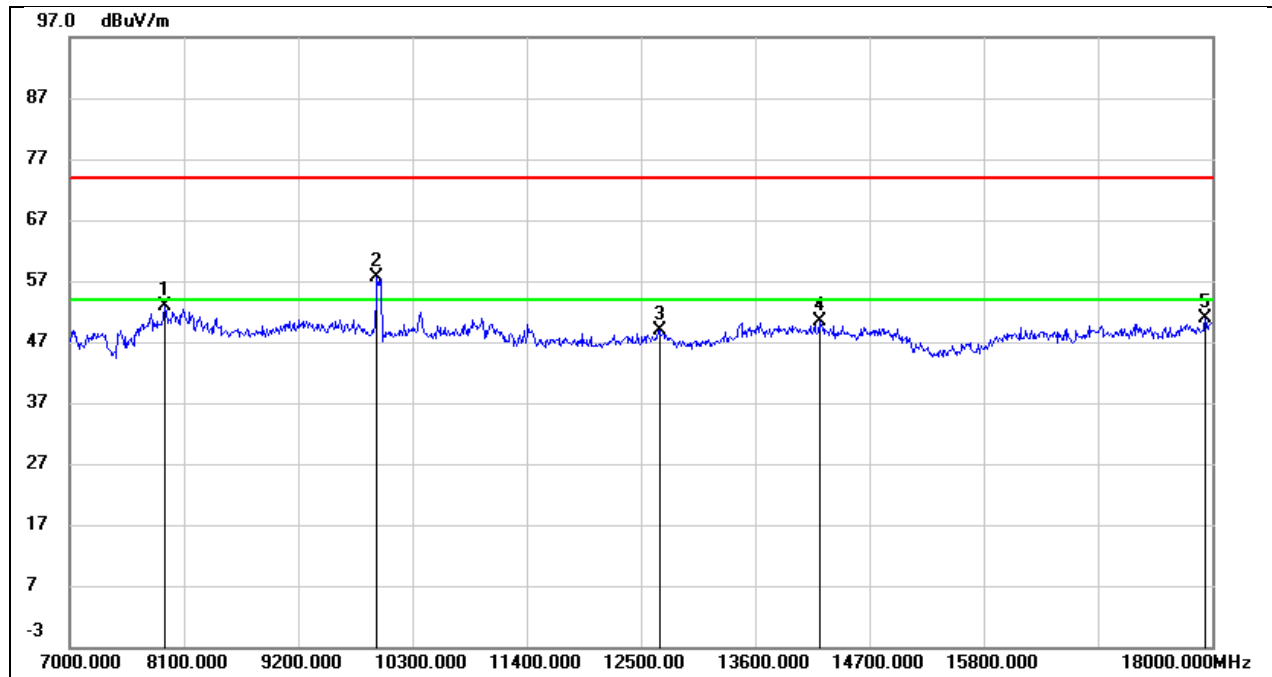
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8089.000	42.45	8.70	51.15	74.00	-22.85	peak
2*	9981.000	41.63	12.71	54.34	68.20	-13.86	peak
3	11653.000	37.18	16.78	53.96	74.00	-20.04	peak
4	11653.000	30.42	16.78	47.20	54.00	-6.80	AVG
5	12676.000	29.33	18.46	47.79	74.00	-26.21	peak
6	14040.000	27.90	21.75	49.65	74.00	-24.35	peak
7	17483.000	24.51	24.79	49.30	74.00	-24.70	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



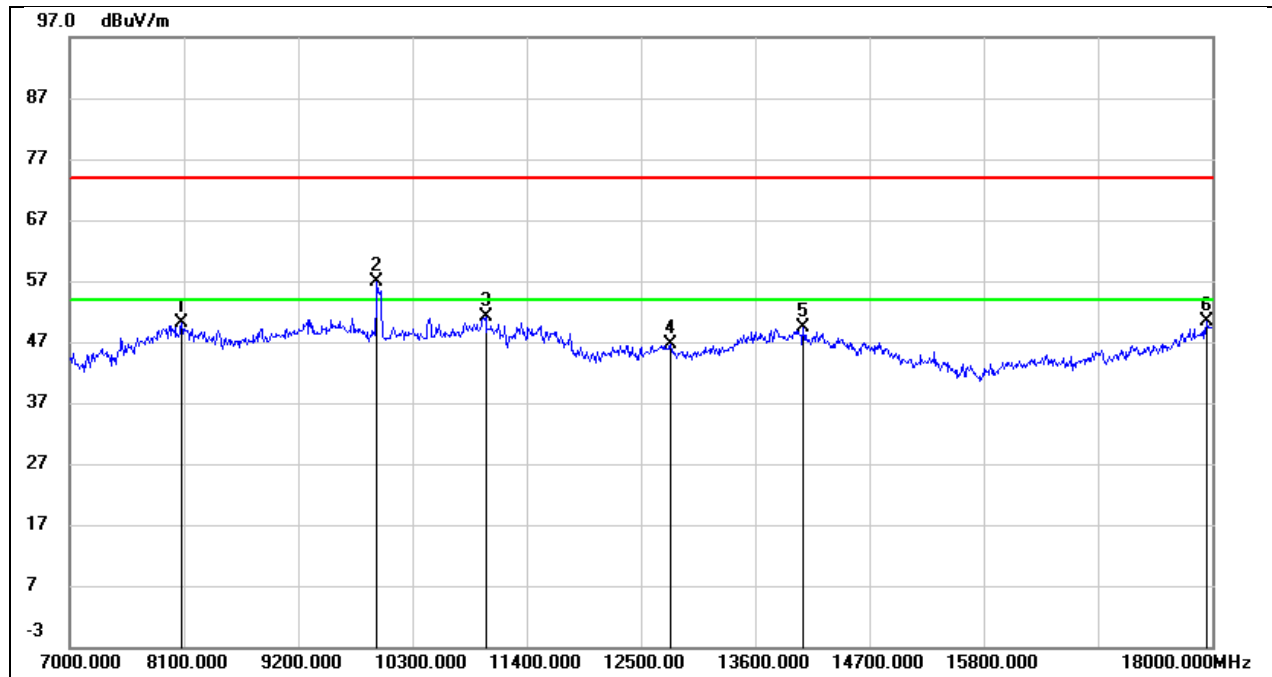
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8012.000	43.52	8.09	51.61	74.00	-22.39	peak
2*	9981.000	42.87	13.38	56.25	68.20	-11.95	peak
3	10377.000	39.37	13.30	52.67	74.00	-21.33	peak
4	13127.000	26.93	20.48	47.41	74.00	-26.59	peak
5	14007.000	25.92	23.39	49.31	74.00	-24.69	peak
6	17901.000	21.62	28.36	49.98	74.00	-24.02	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



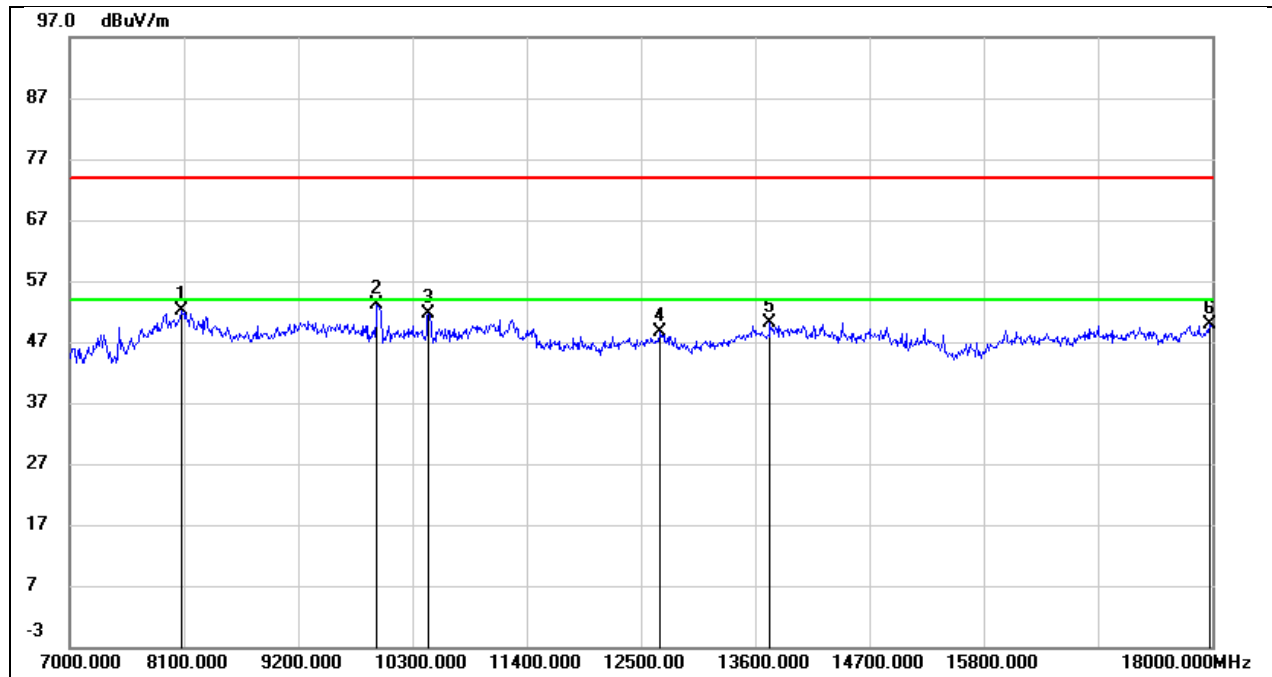
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	44.20	8.56	52.76	74.00	-21.24	peak
2*	9959.000	44.84	12.79	57.63	68.20	-10.57	peak
3	12676.000	30.35	18.46	48.81	74.00	-25.19	peak
4	14216.000	28.84	21.45	50.29	74.00	-23.71	peak
5	17934.000	23.98	26.80	50.78	74.00	-23.22	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 5V



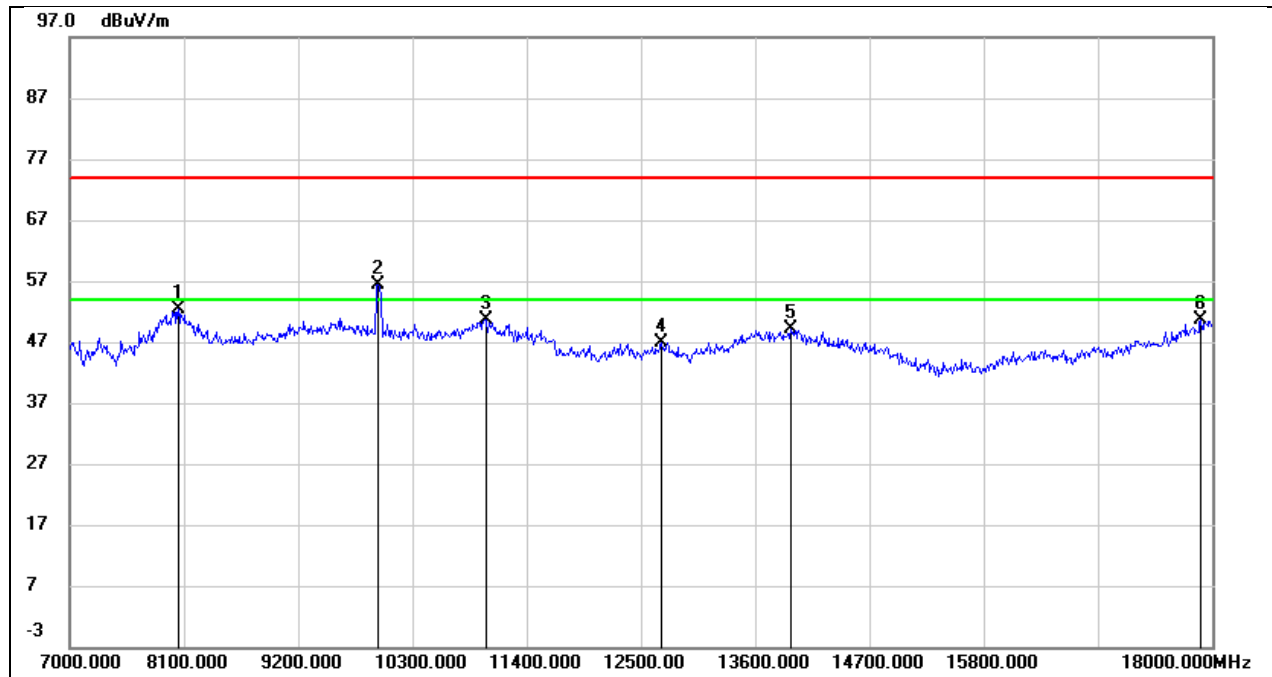
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	41.90	8.17	50.07	74.00	-23.93	peak
2*	9959.000	43.48	13.43	56.91	68.20	-11.29	peak
3	11004.000	36.12	14.99	51.11	74.00	-22.89	peak
4	12786.000	26.74	19.89	46.63	74.00	-27.37	peak
5	14062.000	26.31	23.15	49.46	74.00	-24.54	peak
6	17945.000	21.44	28.83	50.27	74.00	-23.73	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



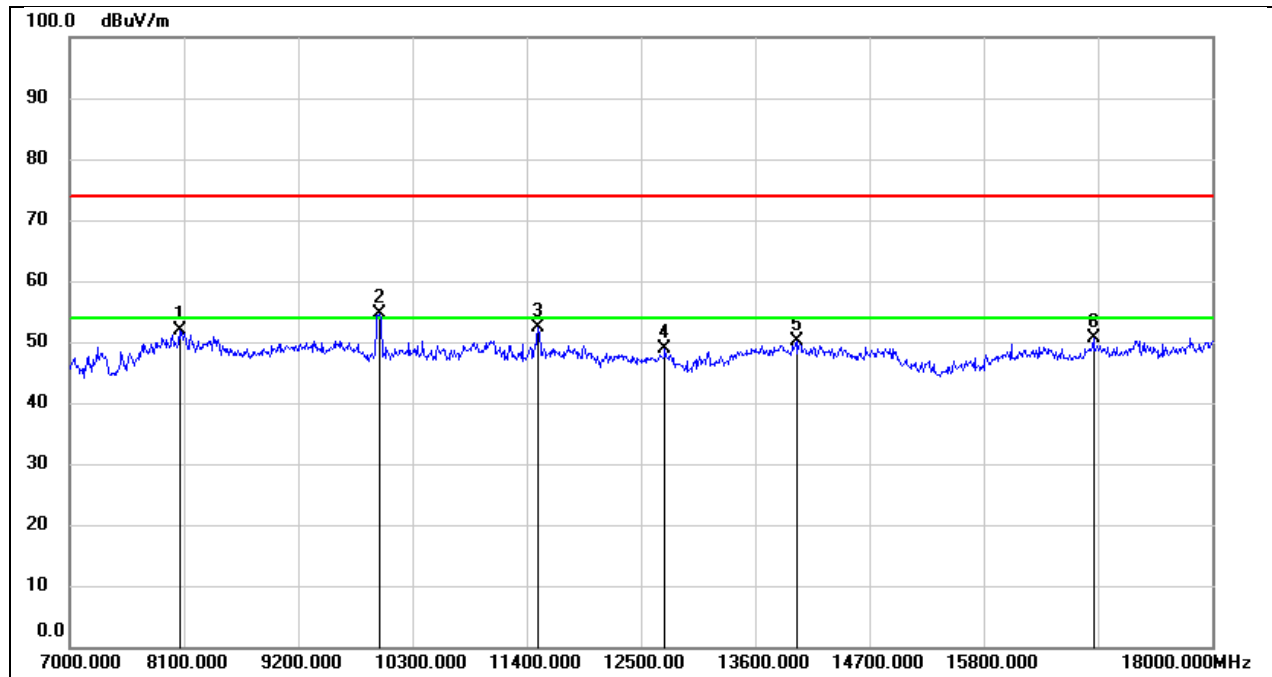
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	43.34	8.68	52.02	74.00	-21.98	peak
2	9959.000	40.33	12.79	53.12	74.00	-20.88	peak
3	10454.000	38.43	13.16	51.59	74.00	-22.41	peak
4	12687.000	30.07	18.50	48.57	74.00	-25.43	peak
5	13743.000	29.38	20.81	50.19	74.00	-23.81	peak
6	17978.000	22.68	27.08	49.76	74.00	-24.24	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 5V



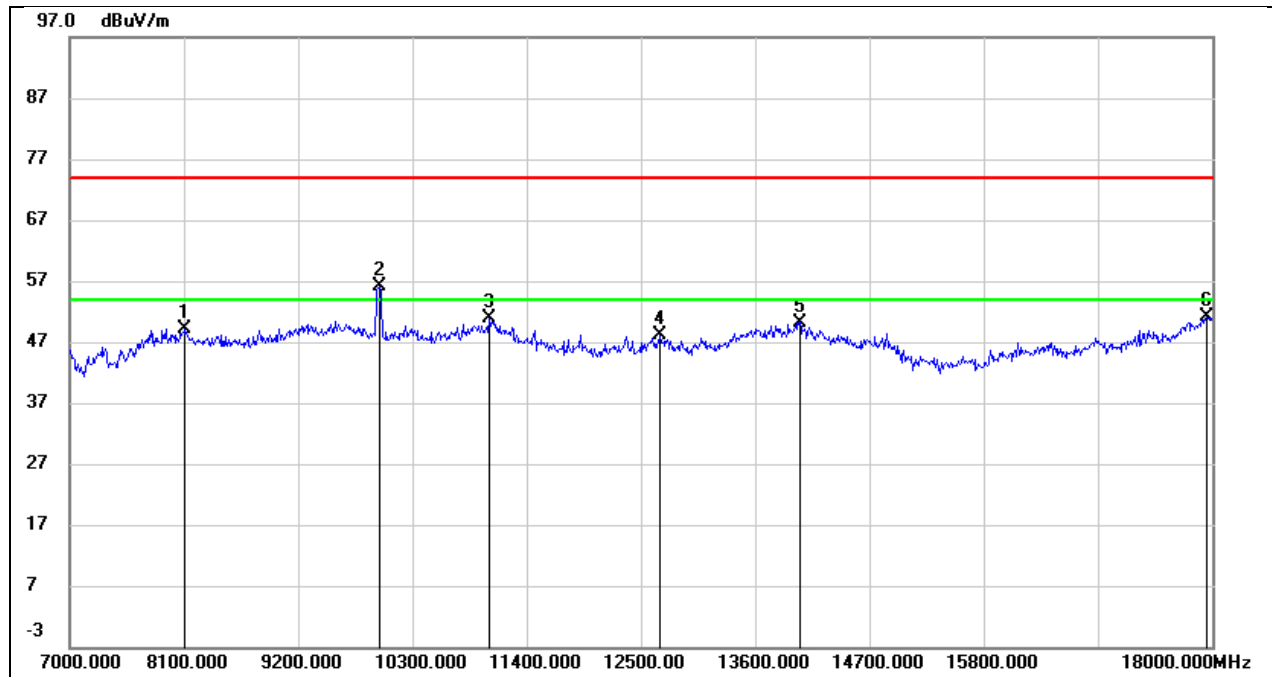
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8045.000	44.35	8.13	52.48	74.00	-21.52	peak
2*	9970.000	42.93	13.41	56.34	68.20	-11.86	peak
3	11004.000	35.68	14.99	50.67	74.00	-23.33	peak
4	12698.000	27.43	19.55	46.98	74.00	-27.02	peak
5	13941.000	26.01	23.18	49.19	74.00	-24.81	peak
6	17890.000	22.39	28.23	50.62	74.00	-23.38	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



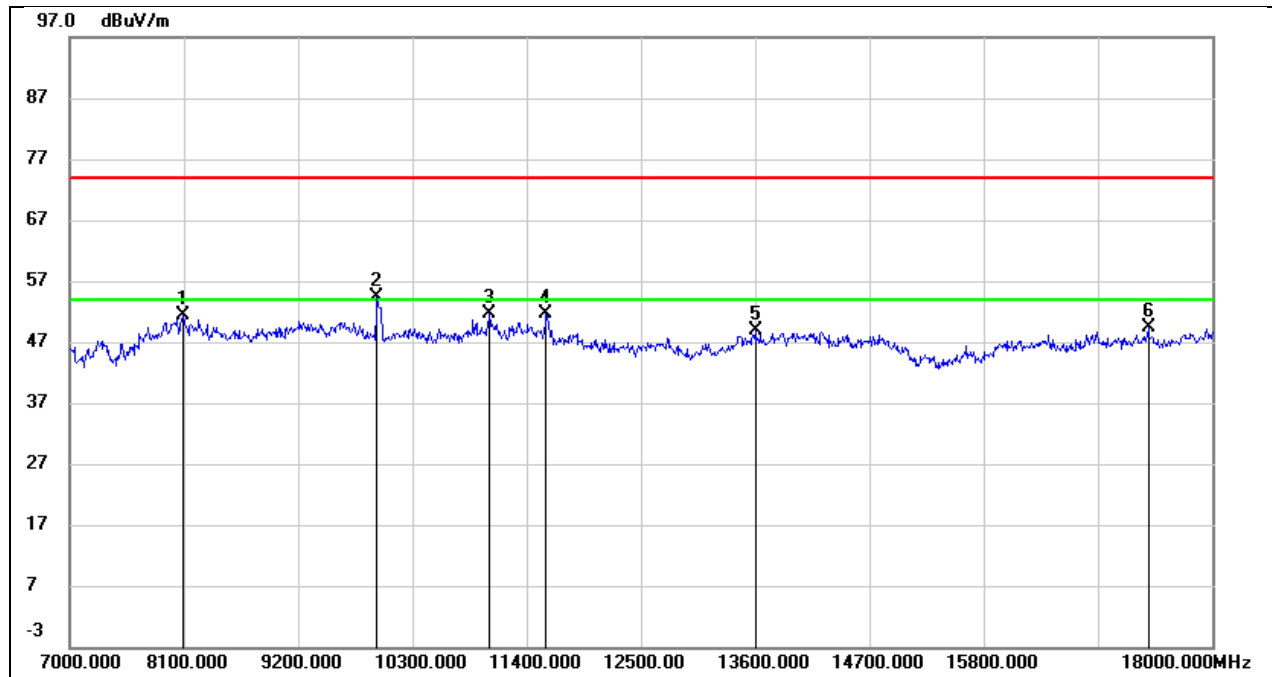
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8056.000	43.11	8.66	51.77	74.00	-22.23	peak
2*	9981.000	41.83	12.71	54.54	68.20	-13.66	peak
3	11510.000	35.93	16.42	52.35	74.00	-21.65	peak
4	12731.000	30.18	18.64	48.82	74.00	-25.18	peak
5	13996.000	28.43	21.79	50.22	74.00	-23.78	peak
6	16856.000	26.55	23.97	50.52	74.00	-23.48	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 5V



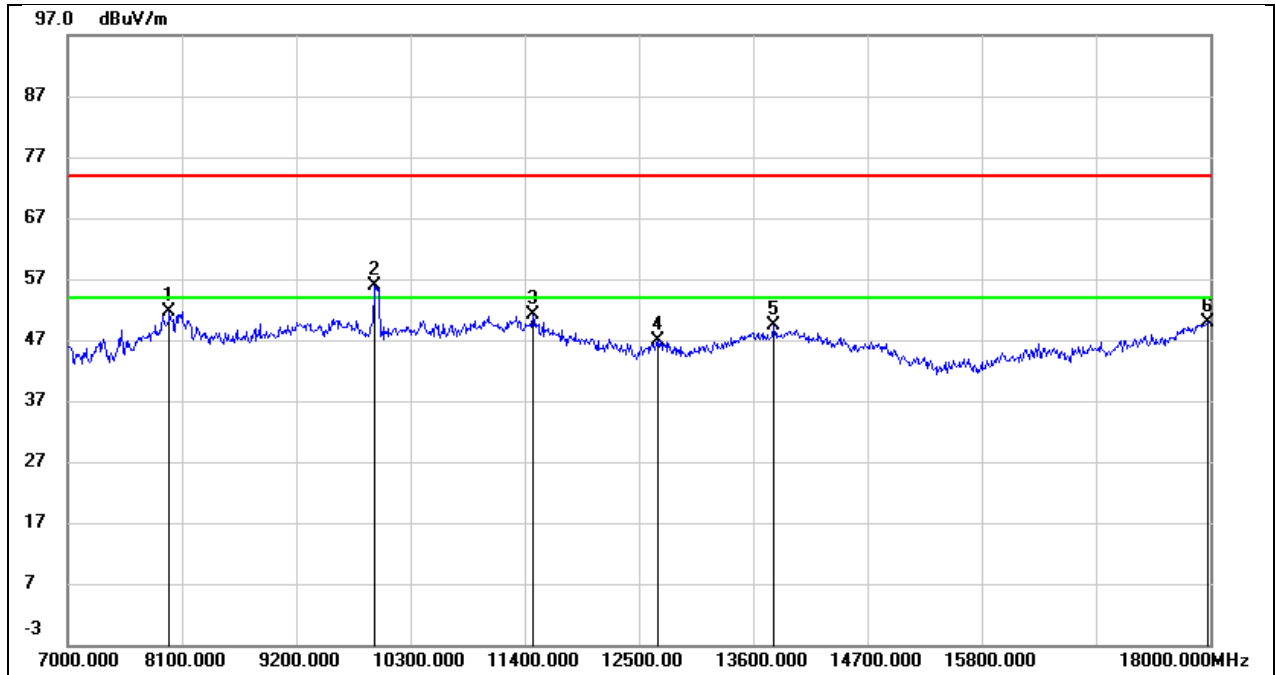
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	40.92	8.22	49.14	74.00	-24.86	peak
2*	9981.000	42.65	13.38	56.03	68.20	-12.17	peak
3	11037.000	35.74	15.18	50.92	74.00	-23.08	peak
4	12687.000	28.64	19.51	48.15	74.00	-25.85	peak
5	14029.000	26.96	23.29	50.25	74.00	-23.75	peak
6	17945.000	22.41	28.83	51.24	74.00	-22.76	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



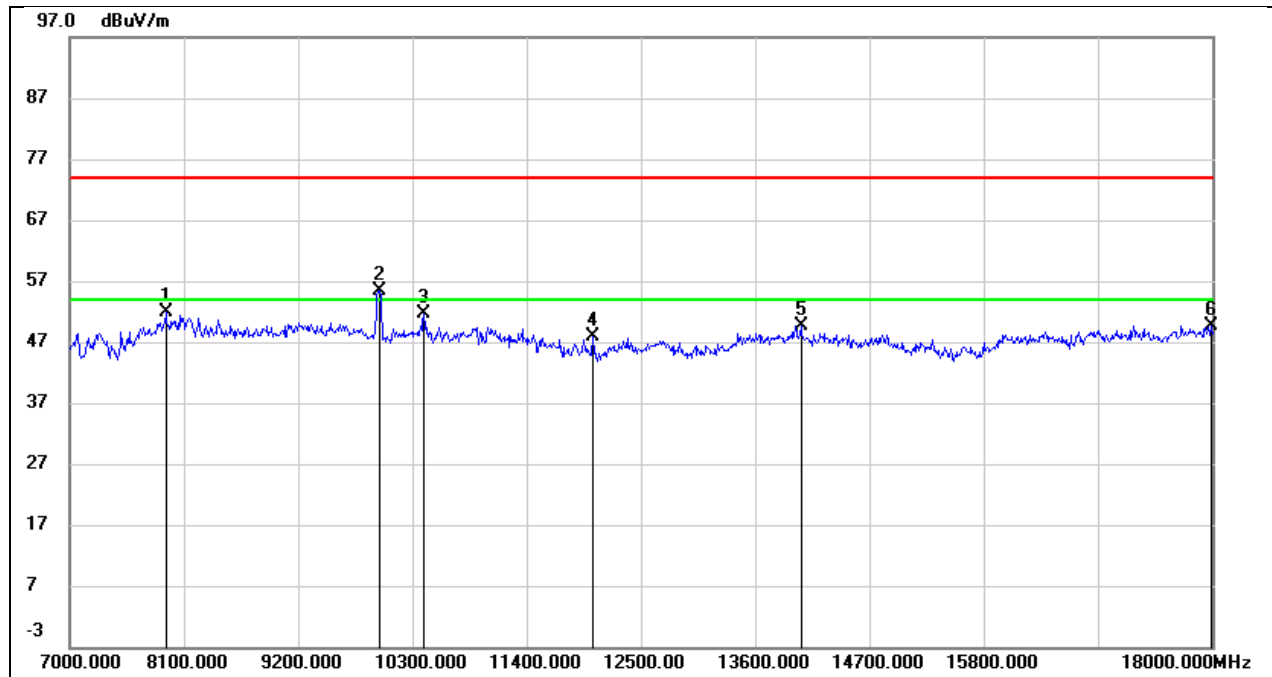
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8089.000	42.64	8.70	51.34	74.00	-22.66	peak
2*	9959.000	41.50	12.79	54.29	68.20	-13.91	peak
3	11037.000	37.42	14.33	51.75	74.00	-22.25	peak
4	11587.000	34.88	16.71	51.59	74.00	-22.41	peak
5	13600.000	28.43	20.38	48.81	74.00	-25.19	peak
6	17384.000	24.55	24.85	49.40	74.00	-24.60	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 5V



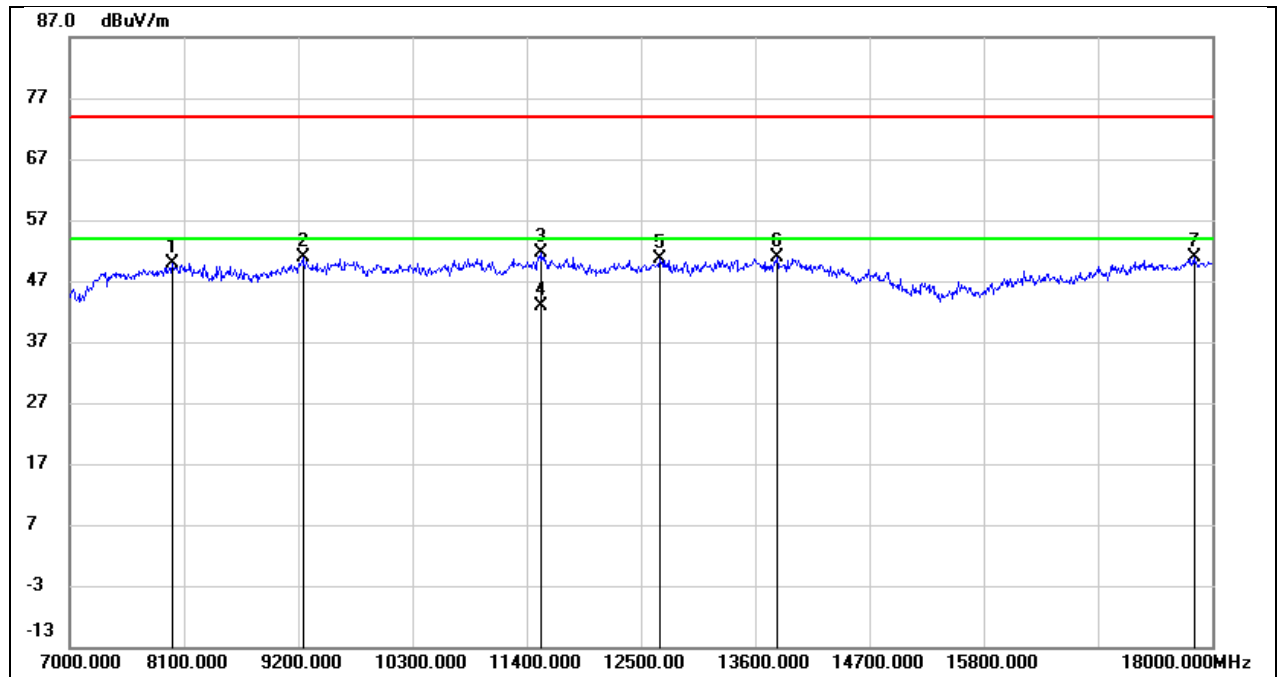
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7979.000	43.55	8.06	51.61	74.00	-22.39	peak
2*	9959.000	42.38	13.43	55.81	68.20	-12.39	peak
3	11477.000	33.36	17.77	51.13	74.00	-22.87	peak
4	12676.000	27.41	19.47	46.88	74.00	-27.12	peak
5	13798.000	26.76	22.62	49.38	74.00	-24.62	peak
6	17978.000	20.81	29.18	49.99	74.00	-24.01	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



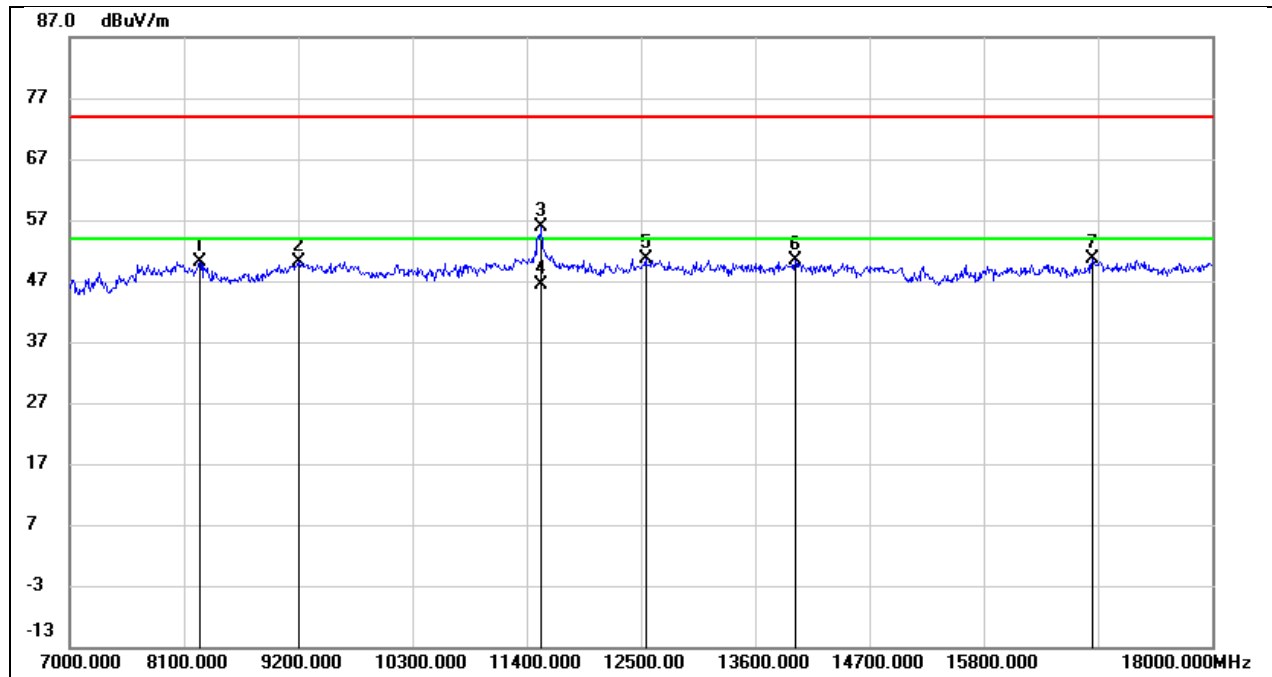
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7924.000	43.29	8.56	51.85	74.00	-22.15	peak
2*	9981.000	42.68	12.71	55.39	68.20	-12.81	peak
3	10410.000	38.55	13.04	51.59	74.00	-22.41	peak
4	12038.000	30.23	17.65	47.88	74.00	-26.12	peak
5	14040.000	27.90	21.75	49.65	74.00	-24.35	peak
6	17989.000	22.55	27.13	49.68	74.00	-24.32	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 5V



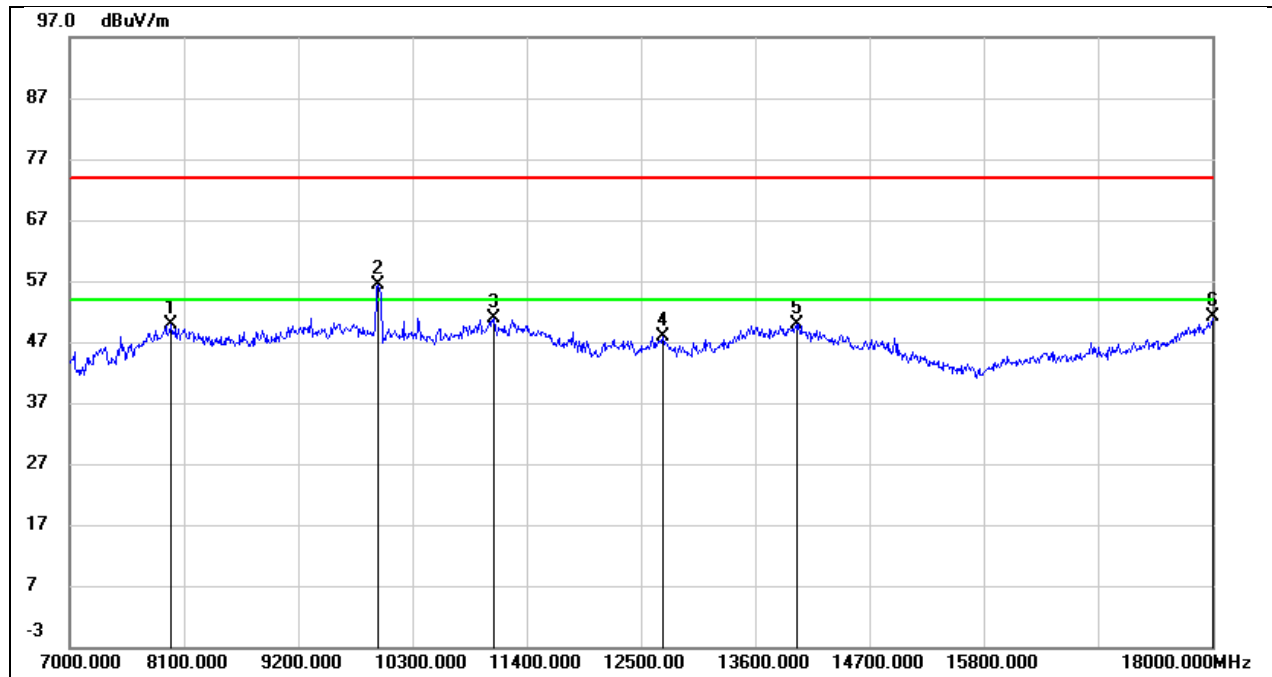
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	41.76	8.07	49.83	74.00	-24.17	peak
2	9244.000	39.20	11.63	50.83	74.00	-23.17	peak
3	11543.000	33.56	18.01	51.57	74.00	-22.43	peak
4	11543.000	24.88	18.01	42.89	54.00	-11.11	AVG
5	12676.000	31.22	19.47	50.69	74.00	-23.31	peak
6	13809.000	28.33	22.65	50.98	74.00	-23.02	peak
7	17824.000	23.24	27.53	50.77	74.00	-23.23	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



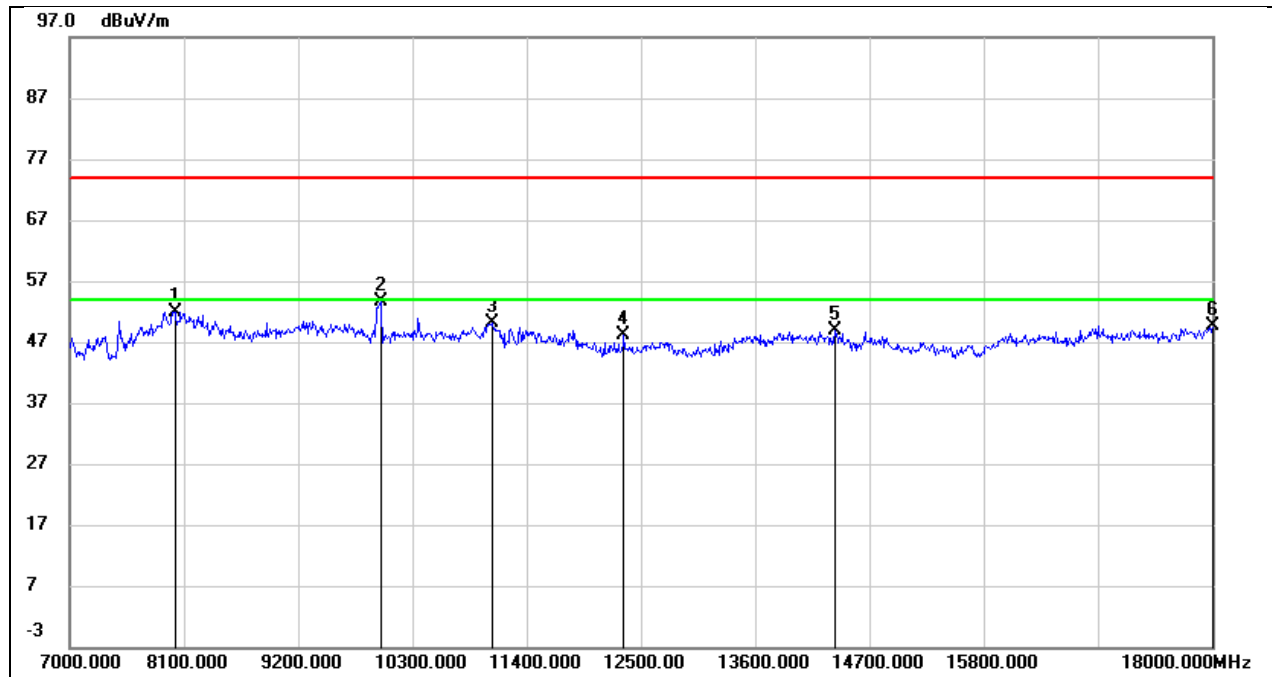
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8254.000	41.27	8.93	50.20	74.00	-23.80	peak
2	9200.000	38.46	11.72	50.18	74.00	-23.82	peak
3	11543.000	39.24	16.54	55.78	74.00	-18.22	peak
4	11543.000	29.83	16.54	46.37	54.00	-7.63	AVG
5	12544.000	32.41	18.18	50.59	74.00	-23.41	peak
6	13985.000	28.54	21.75	50.29	74.00	-23.71	peak
7	16845.000	26.73	23.97	50.70	74.00	-23.30	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



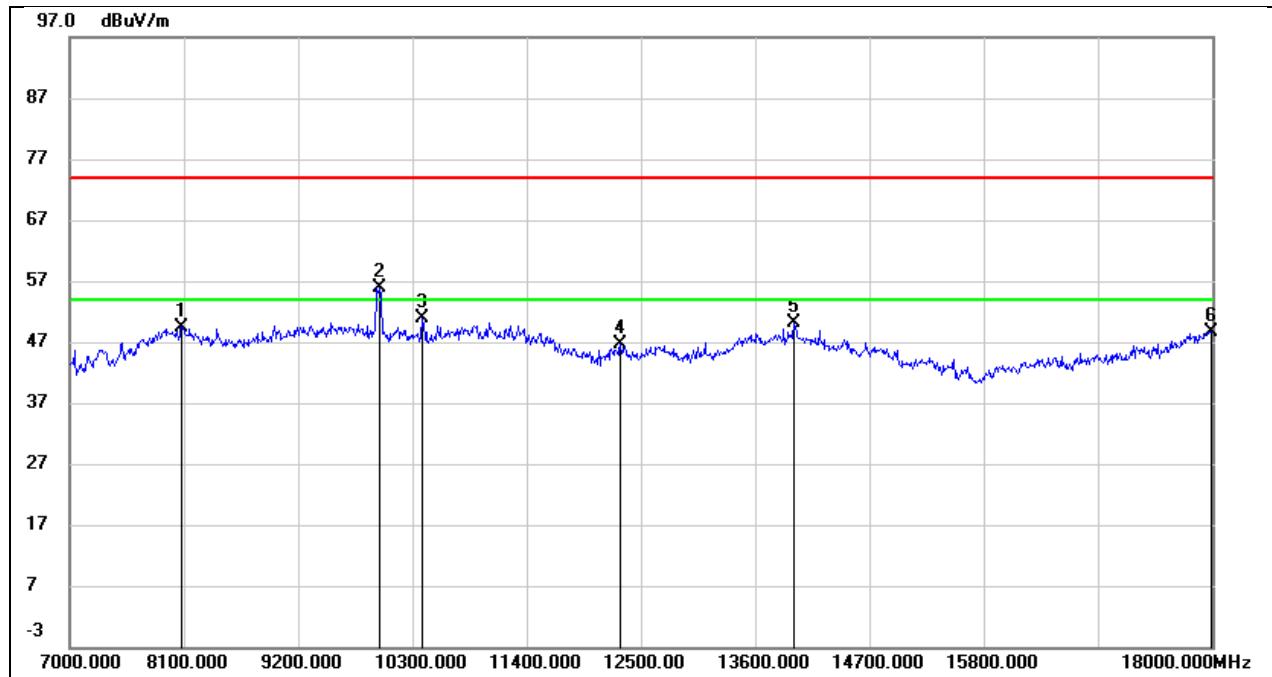
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7979.000	41.89	8.06	49.95	74.00	-24.05	peak
2*	9970.000	42.89	13.41	56.30	68.20	-11.90	peak
3	11081.000	35.52	15.44	50.96	74.00	-23.04	peak
4	12709.000	28.33	19.59	47.92	74.00	-26.08	peak
5	14007.000	26.48	23.39	49.87	74.00	-24.13	peak
6	18000.000	21.82	29.41	51.23	74.00	-22.77	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



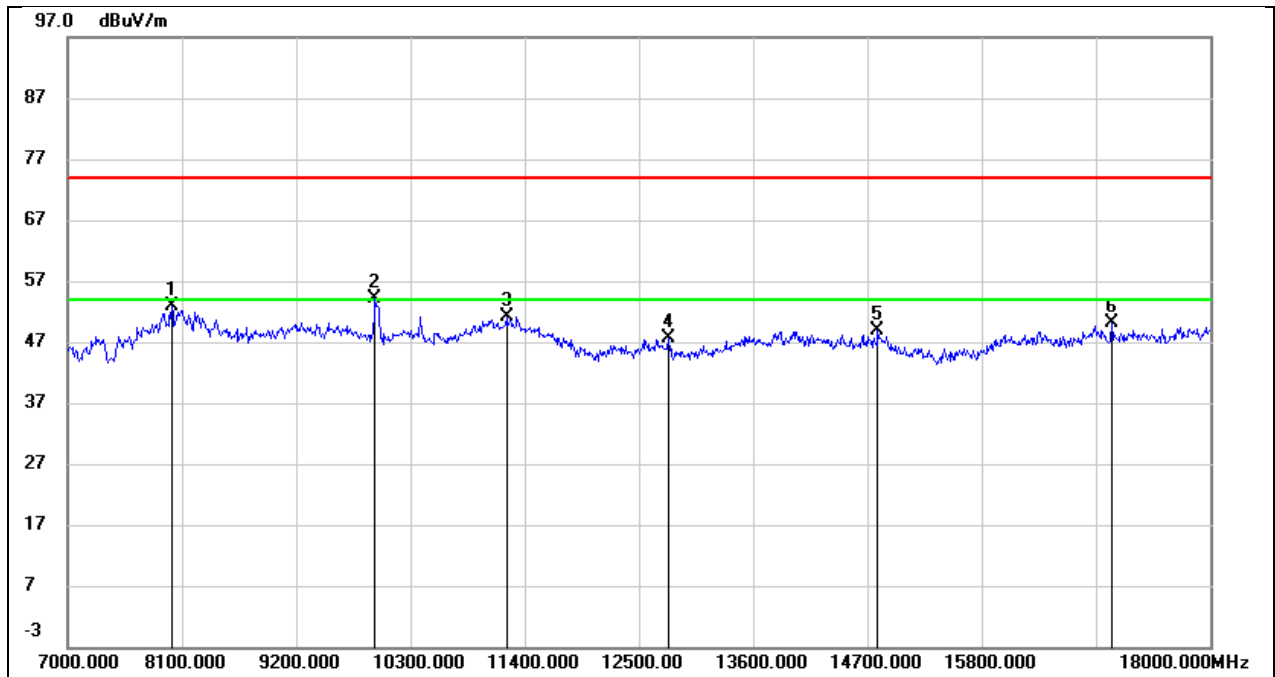
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8012.000	43.37	8.59	51.96	74.00	-22.04	peak
2	9992.000	40.97	12.67	53.64	74.00	-20.36	peak
3	11070.000	35.57	14.47	50.04	74.00	-23.96	peak
4	12335.000	29.98	18.03	48.01	74.00	-25.99	peak
5	14370.000	27.88	20.91	48.79	74.00	-25.21	peak
6	18000.000	22.52	27.21	49.73	74.00	-24.27	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



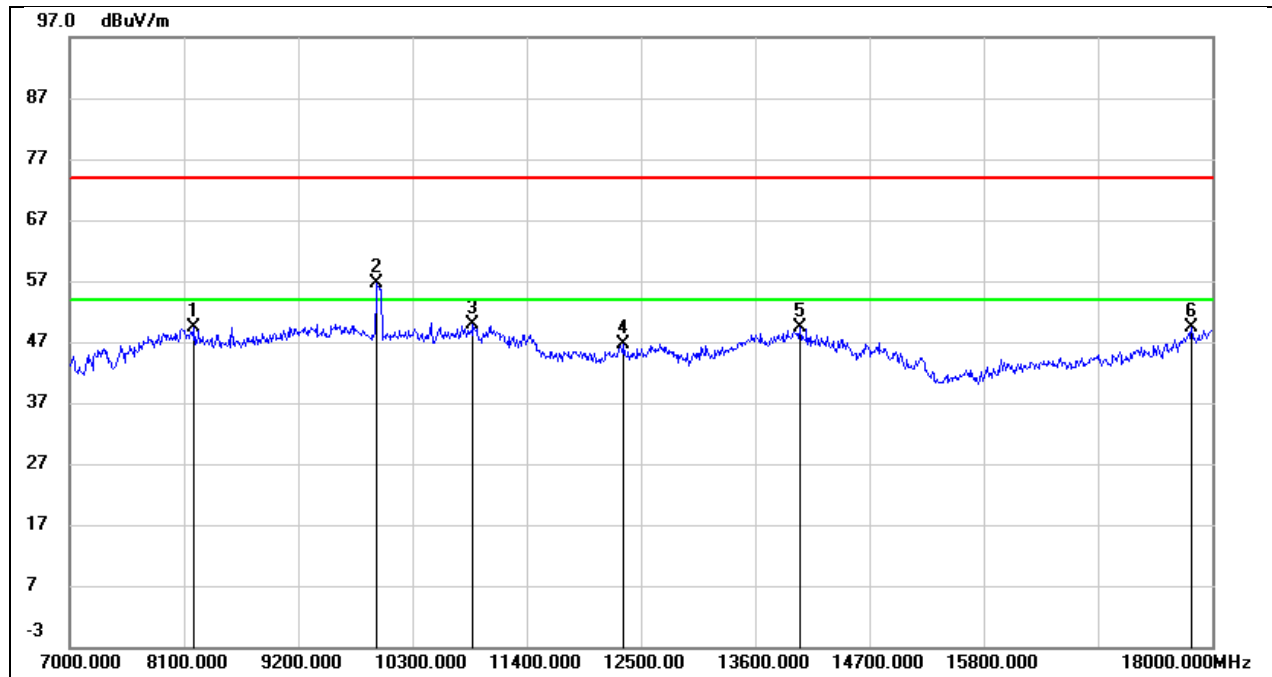
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	41.19	8.17	49.36	74.00	-24.64	peak
2*	9981.000	42.40	13.38	55.78	68.20	-12.42	peak
3	10388.000	37.67	13.30	50.97	74.00	-23.03	peak
4	12302.000	27.64	18.96	46.60	74.00	-27.40	peak
5	13974.000	26.89	23.31	50.20	74.00	-23.80	peak
6	17989.000	19.43	29.29	48.72	74.00	-25.28	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



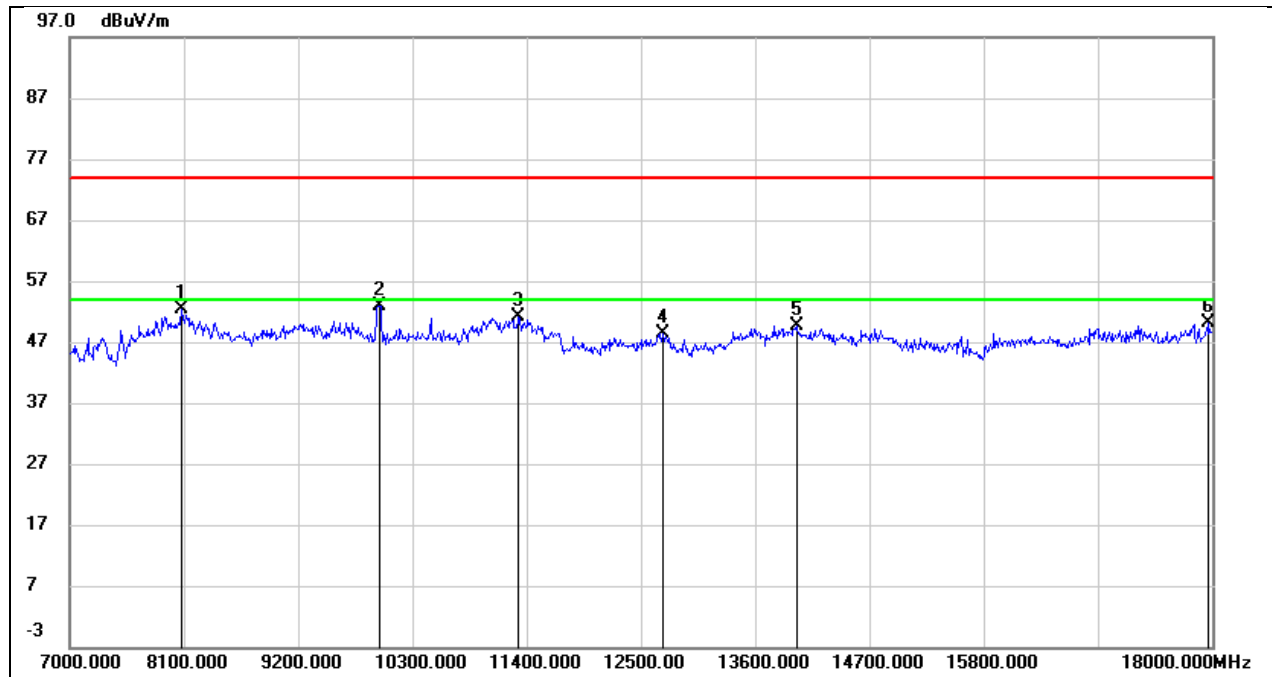
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8001.000	44.30	8.57	52.87	74.00	-21.13	peak
2*	9959.000	41.25	12.79	54.04	68.20	-14.16	peak
3	11224.000	36.01	15.16	51.17	74.00	-22.83	peak
4	12786.000	28.78	18.82	47.60	74.00	-26.40	peak
5	14799.000	28.58	20.40	48.98	74.00	-25.02	peak
6	17054.000	25.82	24.35	50.17	74.00	-23.83	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



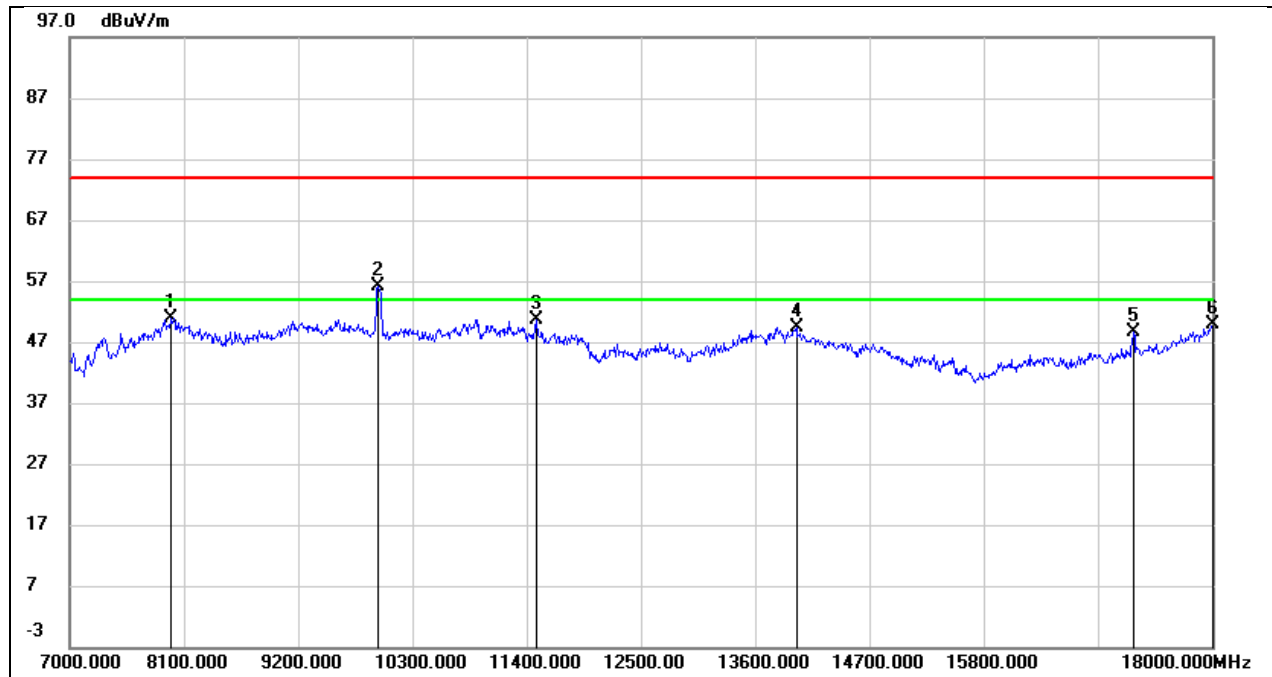
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8199.000	40.97	8.33	49.30	74.00	-24.70	peak
2*	9959.000	43.18	13.43	56.61	68.20	-11.59	peak
3	10883.000	35.26	14.59	49.85	74.00	-24.15	peak
4	12335.000	27.62	18.99	46.61	74.00	-27.39	peak
5	14029.000	26.08	23.29	49.37	74.00	-24.63	peak
6	17802.000	22.00	27.31	49.31	74.00	-24.69	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



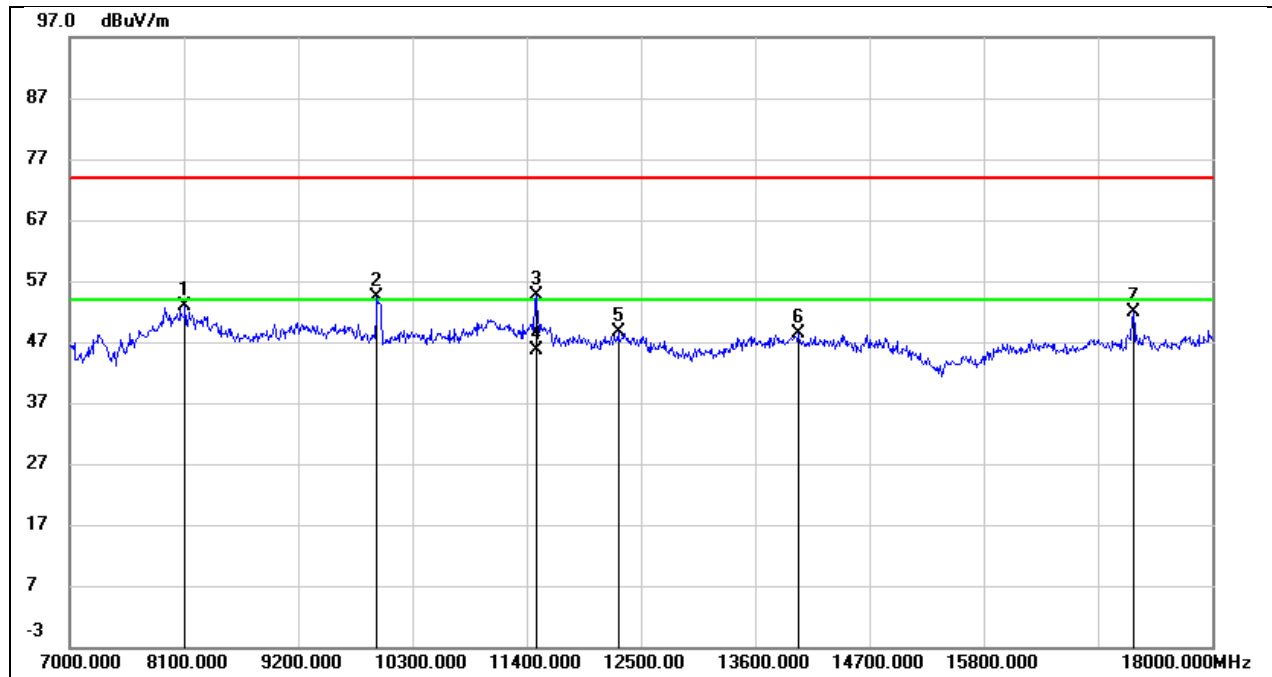
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	43.72	8.68	52.40	74.00	-21.60	peak
2	9981.000	40.13	12.71	52.84	74.00	-21.16	peak
3	11323.000	35.39	15.64	51.03	74.00	-22.97	peak
4	12709.000	29.92	18.57	48.49	74.00	-25.51	peak
5	13996.000	27.89	21.79	49.68	74.00	-24.32	peak
6	17967.000	23.06	27.00	50.06	74.00	-23.94	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 5V



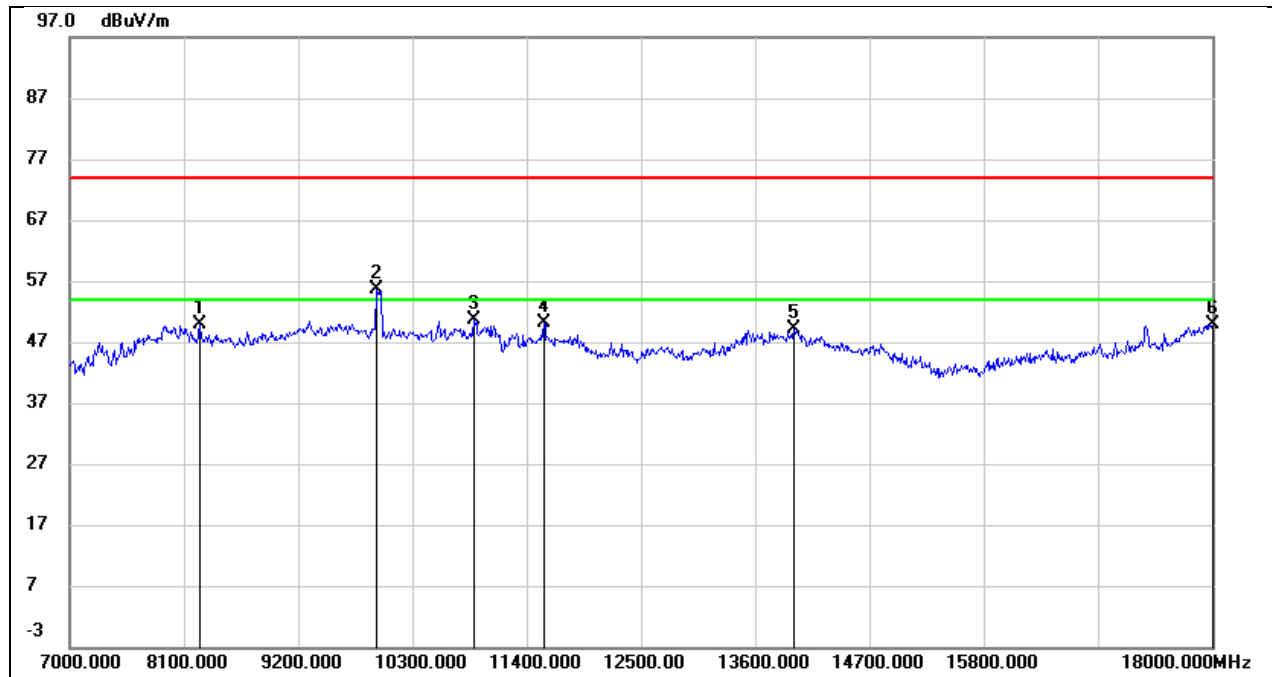
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7979.000	42.84	8.06	50.90	74.00	-23.10	peak
2*	9970.000	42.82	13.41	56.23	68.20	-11.97	peak
3	11499.000	32.72	17.88	50.60	74.00	-23.40	peak
4	13996.000	25.98	23.39	49.37	74.00	-24.63	peak
5	17241.000	24.80	23.86	48.66	74.00	-25.34	peak
6	18000.000	20.35	29.41	49.76	74.00	-24.24	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



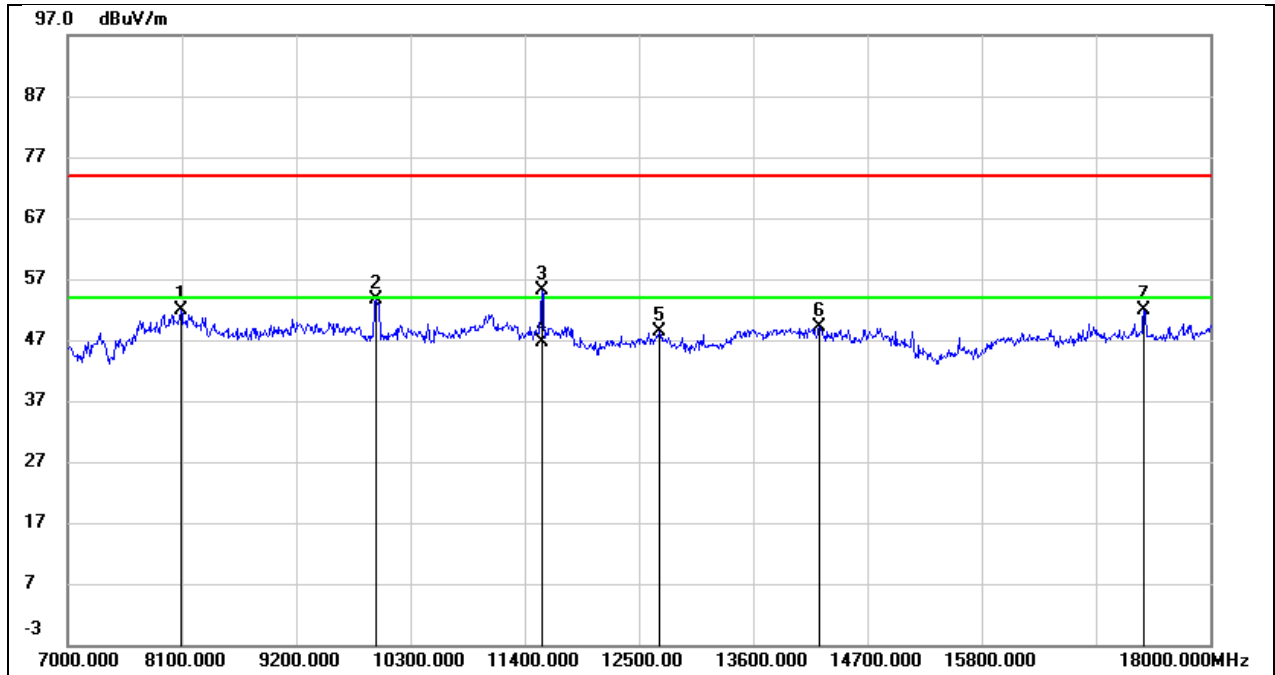
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	44.07	8.74	52.81	74.00	-21.19	peak
2*	9959.000	41.69	12.79	54.48	68.20	-13.72	peak
3	11488.000	38.27	16.33	54.60	74.00	-19.40	peak
4	11488.000	29.37	16.33	45.70	54.00	-8.30	AVG
5	12280.000	30.69	17.95	48.64	74.00	-25.36	peak
6	14018.000	26.59	21.79	48.38	74.00	-25.62	peak
7	17241.000	27.16	24.74	51.90	74.00	-22.10	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 5V



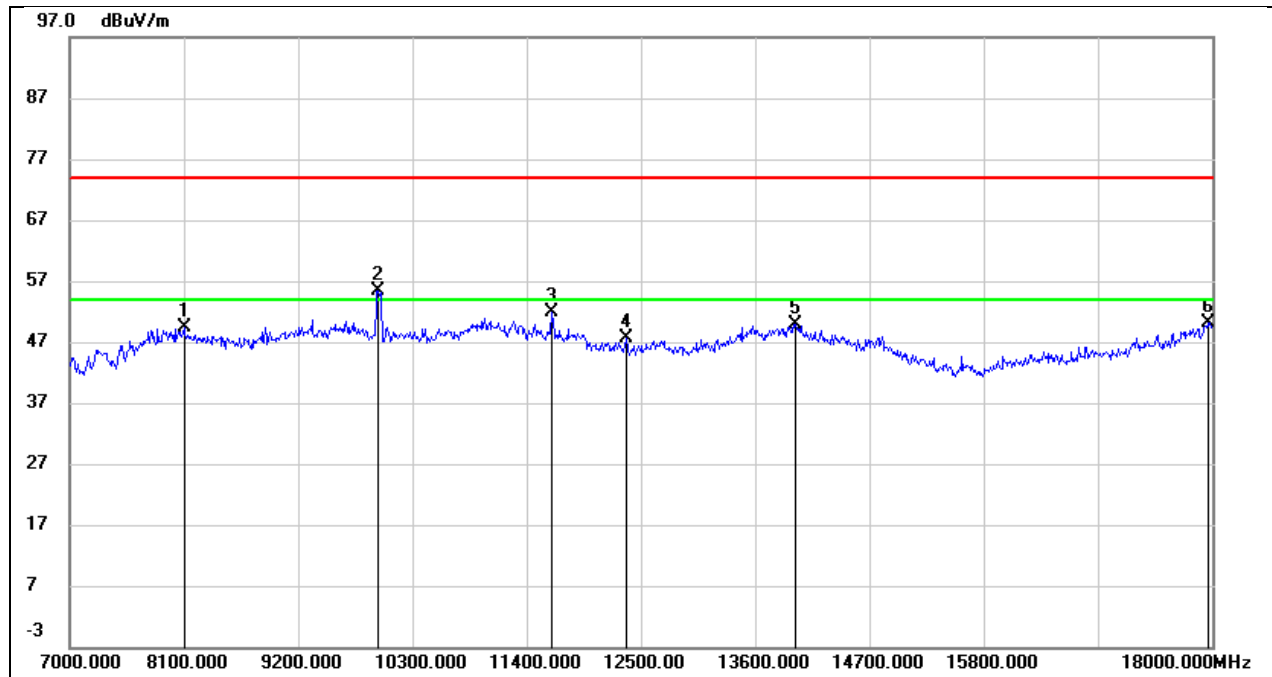
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8254.000	41.48	8.38	49.86	74.00	-24.14	peak
2*	9959.000	42.16	13.43	55.59	68.20	-12.61	peak
3	10894.000	35.93	14.63	50.56	74.00	-23.44	peak
4	11565.000	31.95	18.07	50.02	74.00	-23.98	peak
5	13974.000	25.73	23.31	49.04	74.00	-24.96	peak
6	18000.000	20.49	29.41	49.90	74.00	-24.10	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 5V



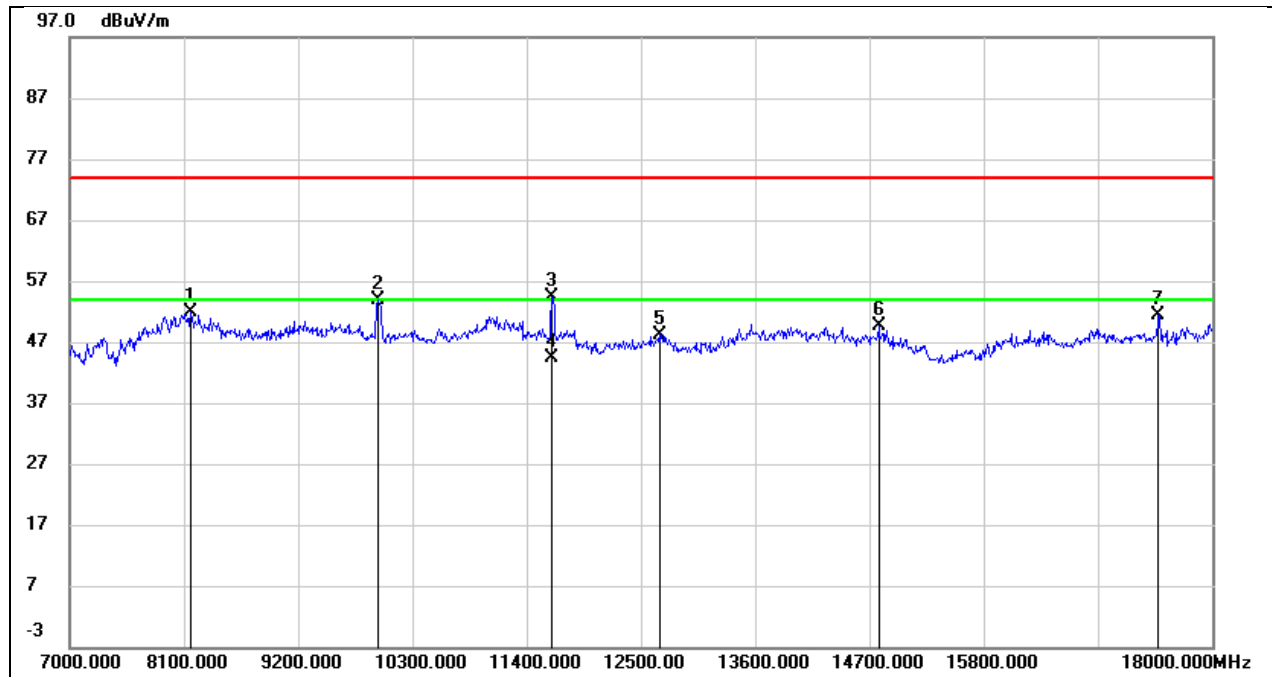
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8089.000	43.20	8.70	51.90	74.00	-22.10	peak
2	9970.000	40.90	12.75	53.65	74.00	-20.35	peak
3	11565.000	38.60	16.62	55.22	74.00	-18.78	peak
4	11565.000	30.08	16.62	46.70	54.00	-7.30	AVG
5	12698.000	29.94	18.53	48.47	74.00	-25.53	peak
6	14238.000	27.66	21.38	49.04	74.00	-24.96	peak
7	17362.000	27.06	24.83	51.89	74.00	-22.11	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 5V



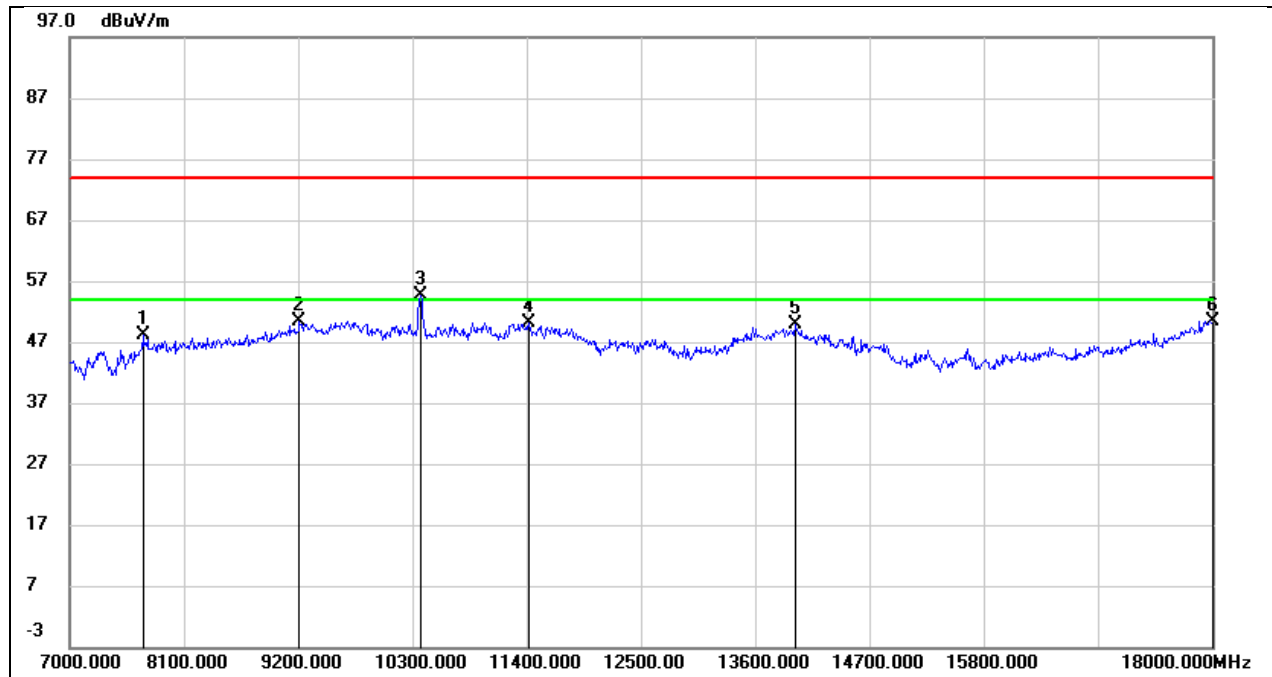
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8100.000	41.12	8.20	49.32	74.00	-24.68	peak
2*	9970.000	42.02	13.41	55.43	68.20	-12.77	peak
3	11642.000	33.66	18.16	51.82	74.00	-22.18	peak
4	12357.000	28.60	19.01	47.61	74.00	-26.39	peak
5	13985.000	26.43	23.35	49.78	74.00	-24.22	peak
6	17956.000	21.20	28.94	50.14	74.00	-23.86	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



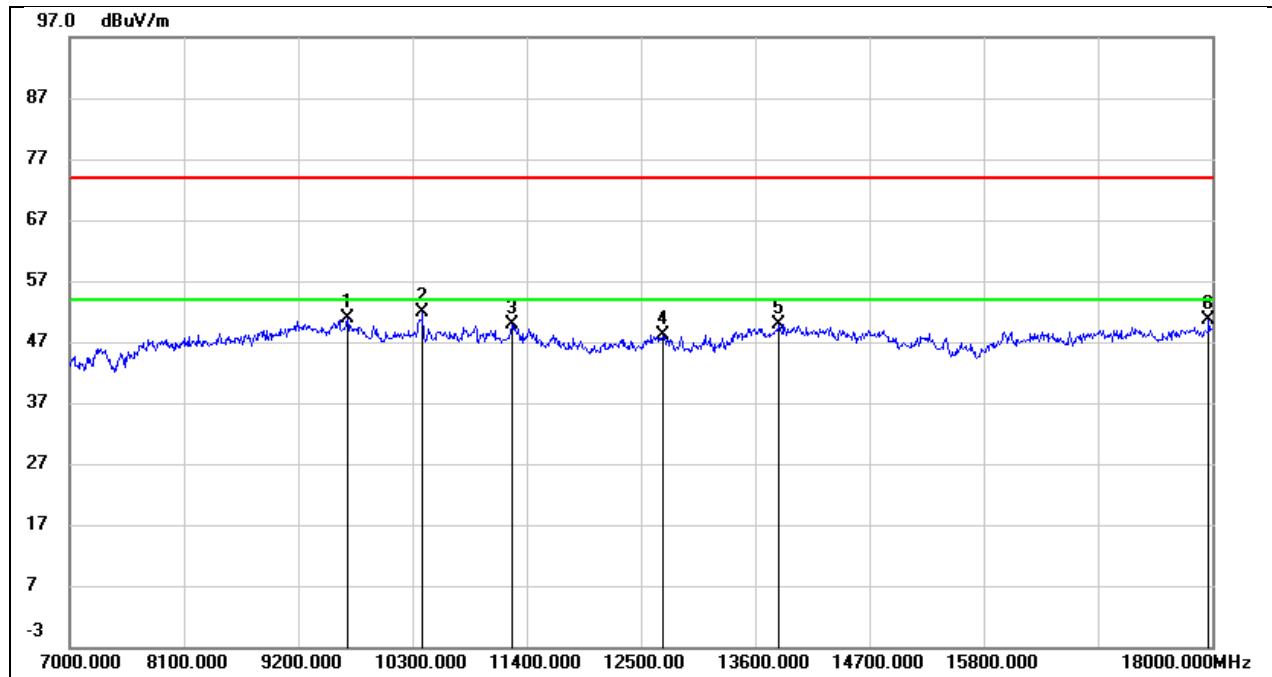
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8166.000	43.07	8.83	51.90	74.00	-22.10	peak
2	9970.000	41.23	12.75	53.98	74.00	-20.02	peak
3	11642.000	37.58	16.77	54.35	74.00	-19.65	peak
4	11642.000	27.53	16.77	44.30	54.00	-9.70	AVG
5	12676.000	29.79	18.46	48.25	74.00	-25.75	peak
6	14788.000	29.19	20.41	49.60	74.00	-24.40	peak
7	17483.000	26.62	24.79	51.41	74.00	-22.59	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



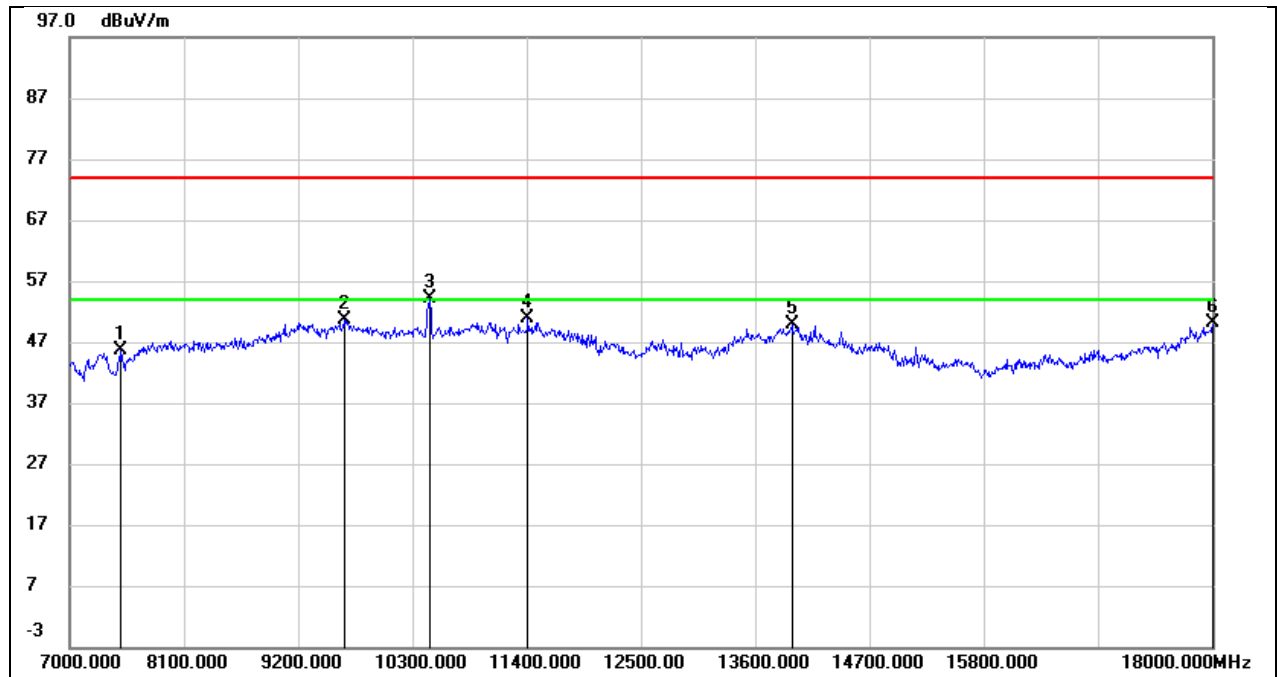
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7704.000	40.07	7.96	48.03	74.00	-25.97	peak
2	9211.000	38.81	11.52	50.33	74.00	-23.67	peak
3*	10377.000	41.28	13.30	54.58	68.20	-13.62	peak
4	11422.000	32.76	17.49	50.25	74.00	-23.75	peak
5	13985.000	26.55	23.35	49.90	74.00	-24.10	peak
6	18000.000	21.07	29.41	50.48	74.00	-23.52	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



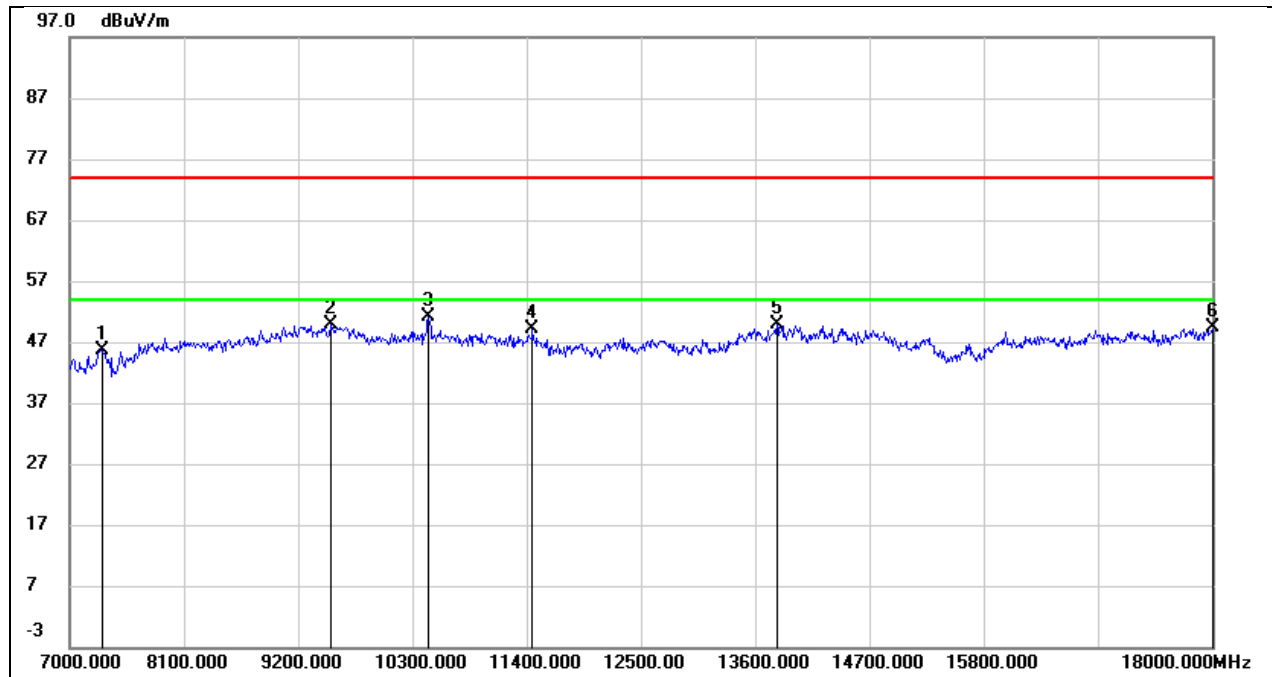
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9673.000	37.51	13.31	50.82	74.00	-23.18	peak
2	10399.000	38.77	13.01	51.78	74.00	-22.22	peak
3	11257.000	34.48	15.32	49.80	74.00	-24.20	peak
4	12709.000	29.65	18.57	48.22	74.00	-25.78	peak
5	13831.000	28.88	21.11	49.99	74.00	-24.01	peak
6	17967.000	23.59	27.00	50.59	74.00	-23.41	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 5V



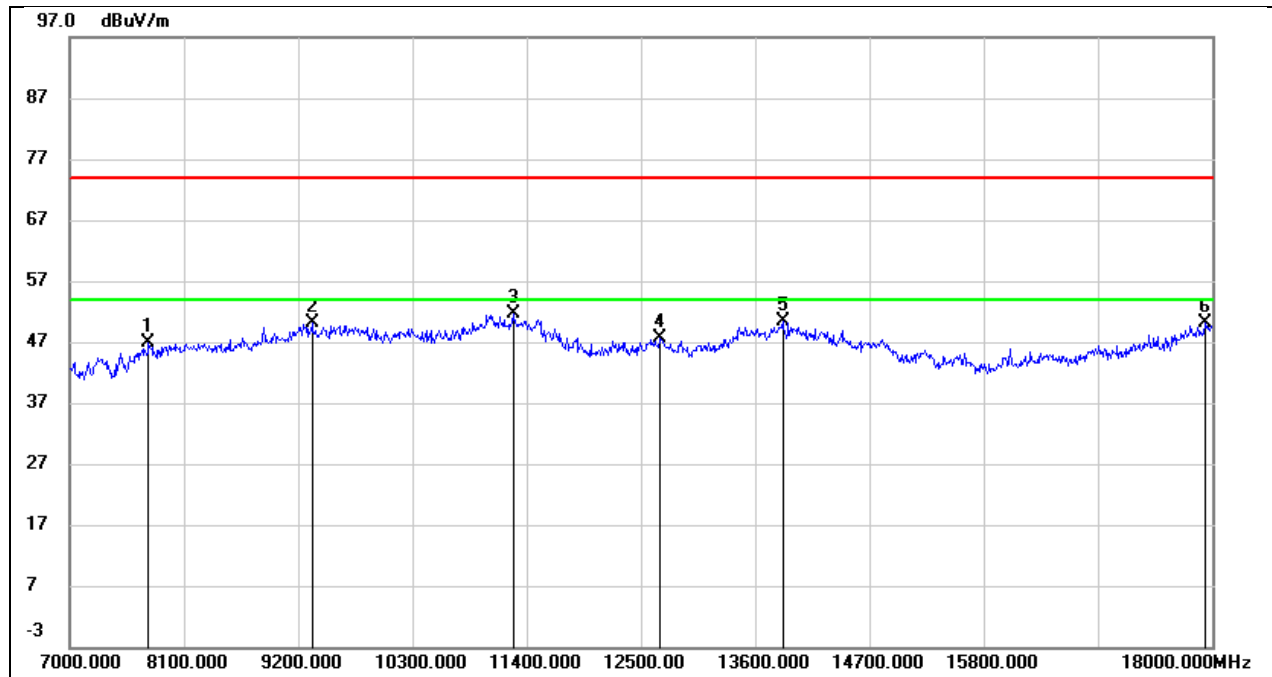
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.69	7.89	45.58	74.00	-28.42	peak
2	9640.000	37.08	13.50	50.58	74.00	-23.42	peak
3*	10465.000	40.78	13.43	54.21	68.20	-13.99	peak
4	11411.000	33.48	17.43	50.91	74.00	-23.09	peak
5	13952.000	26.59	23.22	49.81	74.00	-24.19	peak
6	18000.000	20.80	29.41	50.21	74.00	-23.79	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



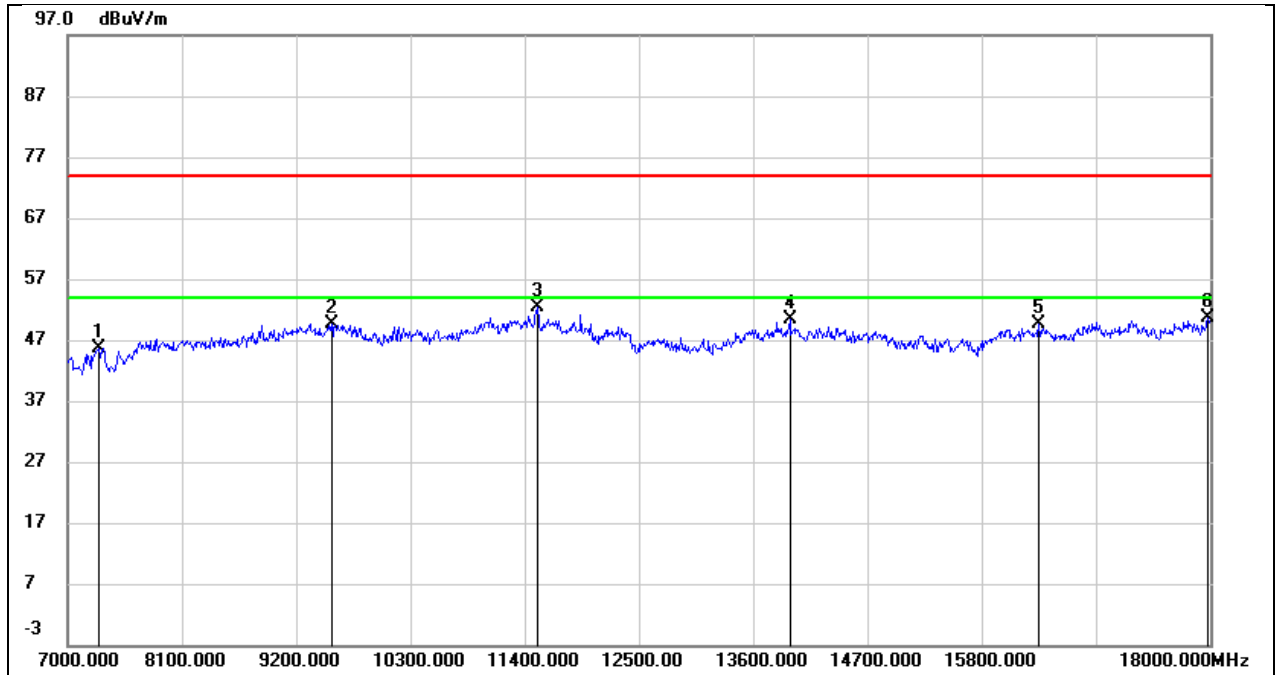
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7319.000	37.33	8.37	45.70	74.00	-28.30	peak
2	9508.000	36.98	12.85	49.83	74.00	-24.17	peak
3	10454.000	38.04	13.16	51.20	74.00	-22.80	peak
4	11455.000	32.82	16.21	49.03	74.00	-24.97	peak
5	13809.000	28.97	21.01	49.98	74.00	-24.02	peak
6	18000.000	22.20	27.21	49.41	74.00	-24.59	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 5V



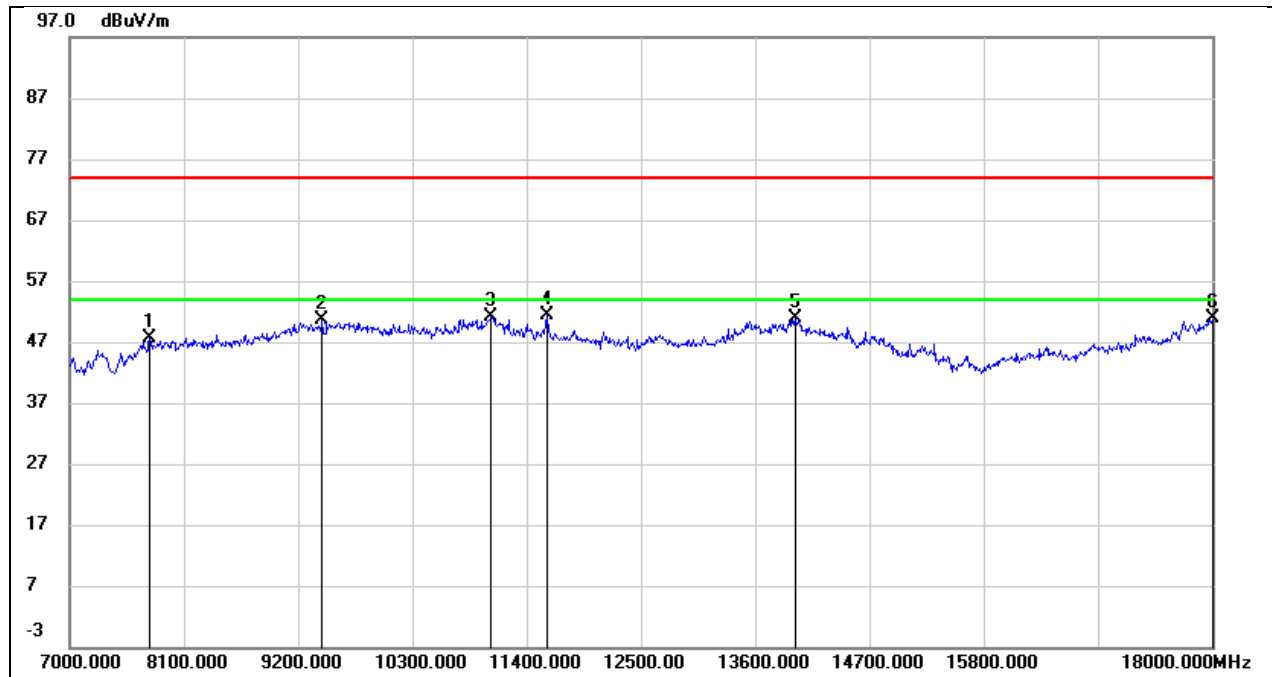
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	38.99	7.99	46.98	74.00	-27.02	peak
2	9332.000	38.12	11.92	50.04	74.00	-23.96	peak
3	11268.000	34.97	16.55	51.52	74.00	-22.48	peak
4	12687.000	28.01	19.51	47.52	74.00	-26.48	peak
5	13864.000	27.46	22.87	50.33	74.00	-23.67	peak
6	17934.000	21.51	28.71	50.22	74.00	-23.78	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



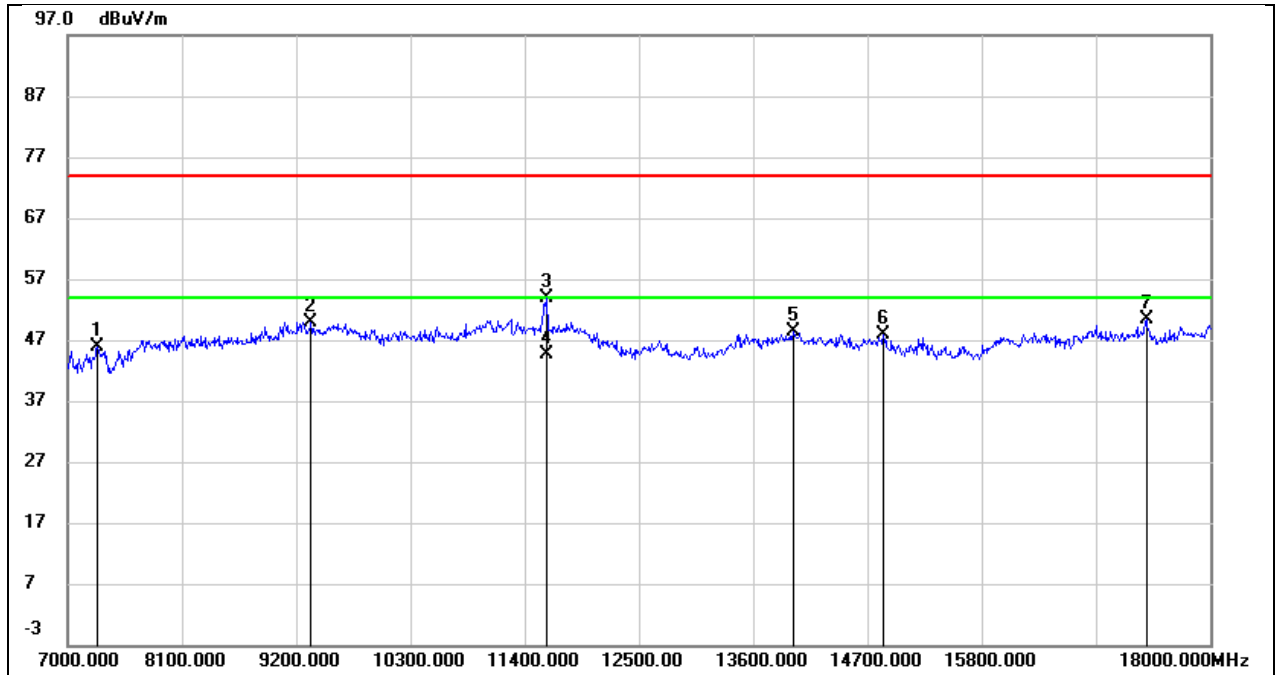
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	37.30	8.37	45.67	74.00	-28.33	peak
2	9541.000	36.72	13.00	49.72	74.00	-24.28	peak
3	11521.000	35.87	16.46	52.33	74.00	-21.67	peak
4	13952.000	28.79	21.61	50.40	74.00	-23.60	peak
5	16350.000	25.86	23.67	49.53	74.00	-24.47	peak
6	17978.000	23.61	27.08	50.69	74.00	-23.31	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 5V



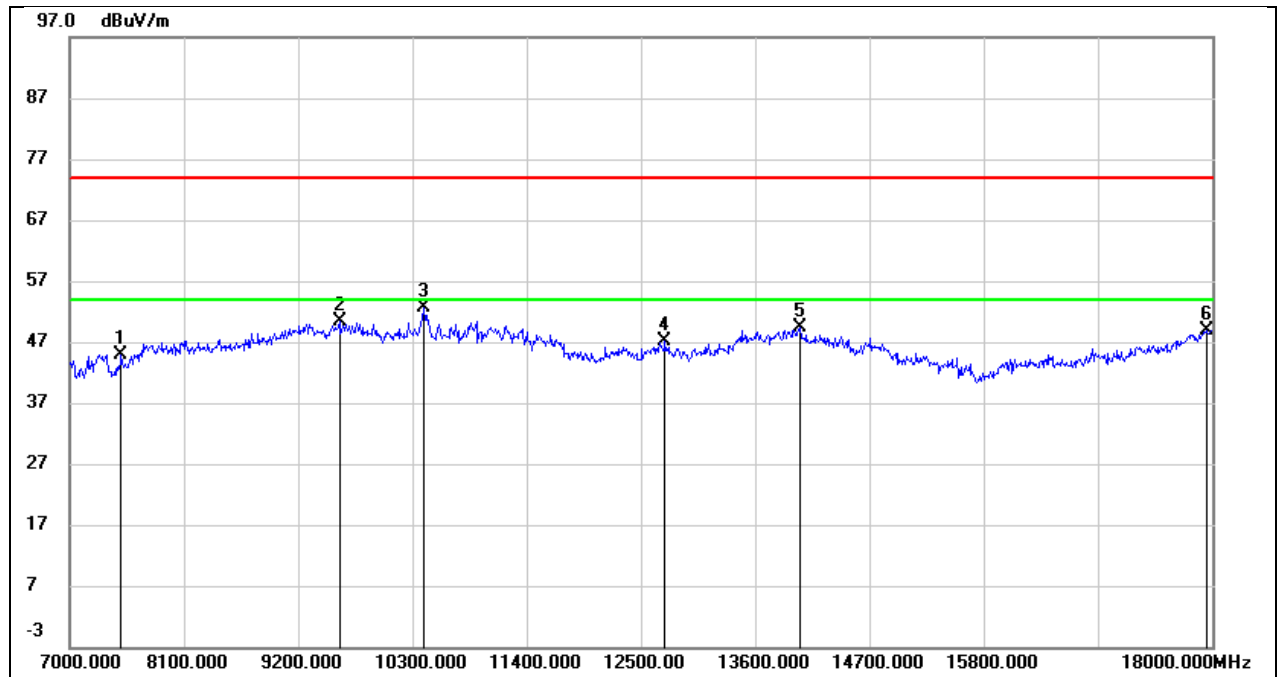
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7770.000	39.65	8.01	47.66	74.00	-26.34	peak
2	9431.000	38.32	12.35	50.67	74.00	-23.33	peak
3	11059.000	35.90	15.31	51.21	74.00	-22.79	peak
4	11598.000	33.11	18.18	51.29	74.00	-22.71	peak
5	13985.000	27.65	23.35	51.00	74.00	-23.00	peak
6	18000.000	21.39	29.41	50.80	74.00	-23.20	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



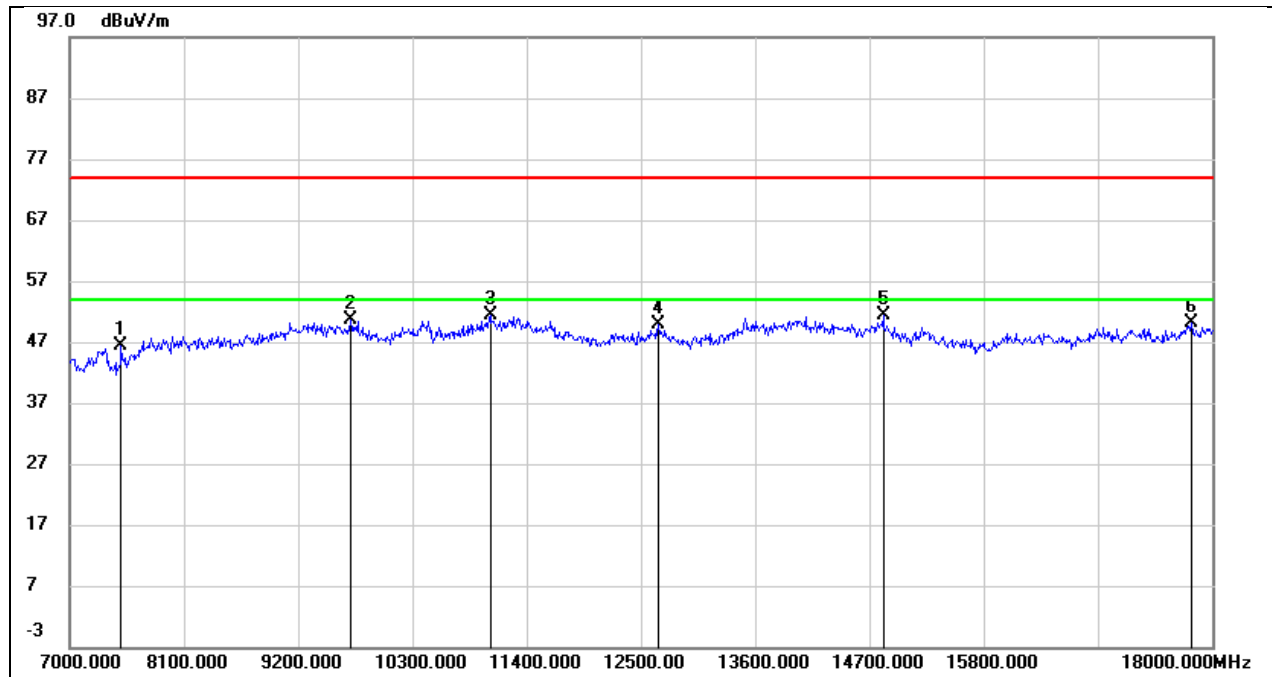
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.43	8.36	45.79	74.00	-28.21	peak
2	9343.000	37.90	12.08	49.98	74.00	-24.02	peak
3	11609.000	37.00	16.76	53.76	74.00	-20.24	peak
4	11609.000	27.94	16.76	44.70	54.00	-9.30	AVG
5	13985.000	26.59	21.75	48.34	74.00	-25.66	peak
6	14854.000	27.75	20.24	47.99	74.00	-26.01	peak
7	17384.000	25.56	24.85	50.41	74.00	-23.59	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 5V



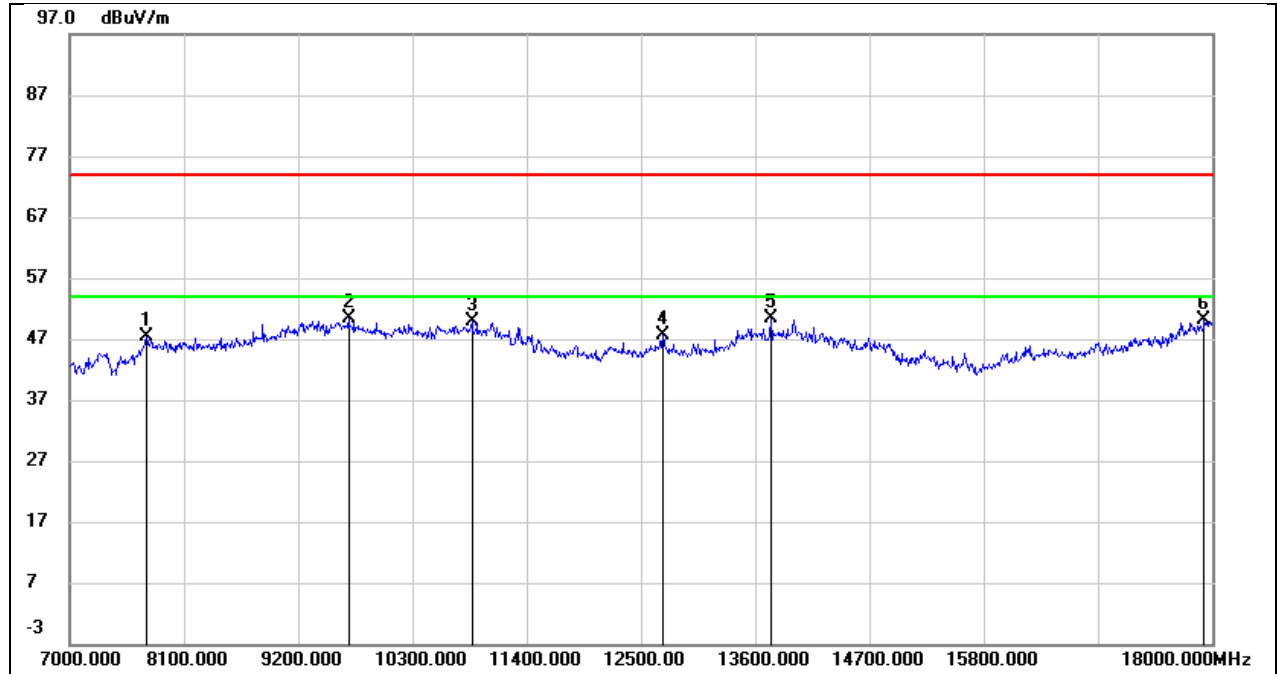
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.07	7.89	44.96	74.00	-29.04	peak
2	9596.000	37.05	13.40	50.45	74.00	-23.55	peak
3	10410.000	39.23	13.33	52.56	74.00	-21.44	peak
4	12731.000	27.46	19.68	47.14	74.00	-26.86	peak
5	14029.000	25.99	23.29	49.28	74.00	-24.72	peak
6	17945.000	20.07	28.83	48.90	74.00	-25.10	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



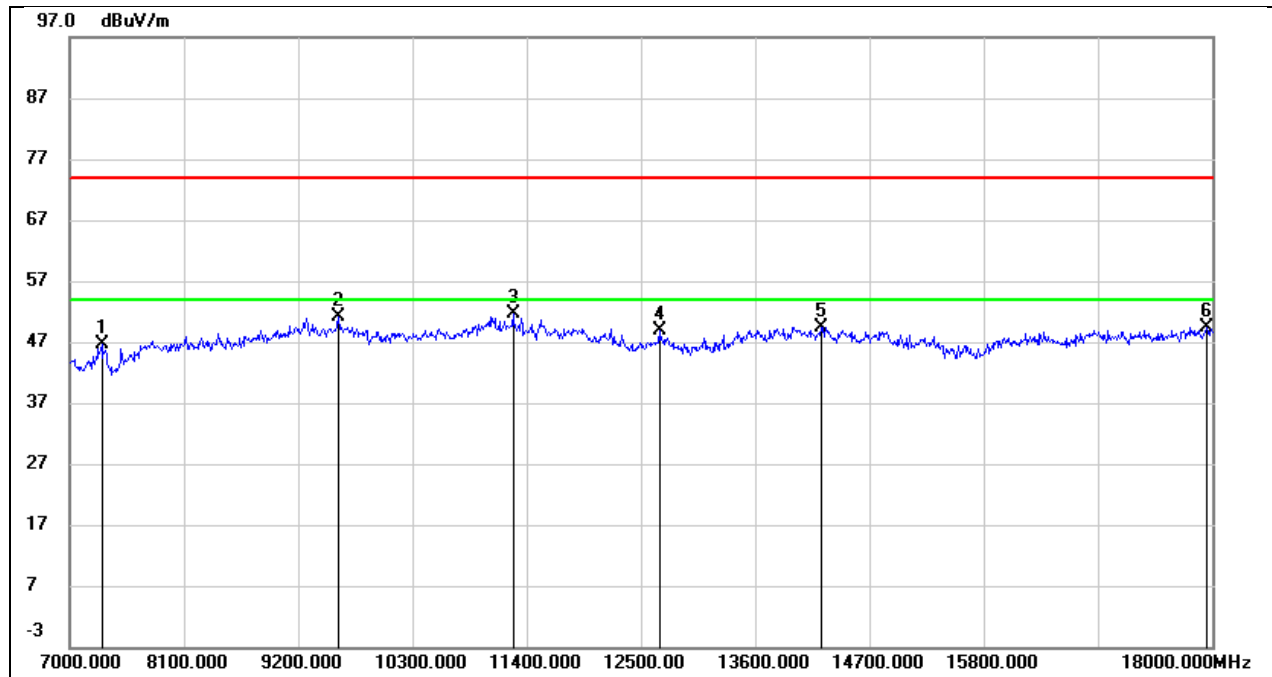
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.99	8.40	46.39	74.00	-27.61	peak
2	9706.000	37.26	13.33	50.59	74.00	-23.41	peak
3	11048.000	37.09	14.37	51.46	74.00	-22.54	peak
4	12665.000	31.56	18.42	49.98	74.00	-24.02	peak
5	14832.000	31.04	20.30	51.34	74.00	-22.66	peak
6	17802.000	24.10	25.98	50.08	74.00	-23.92	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 5V



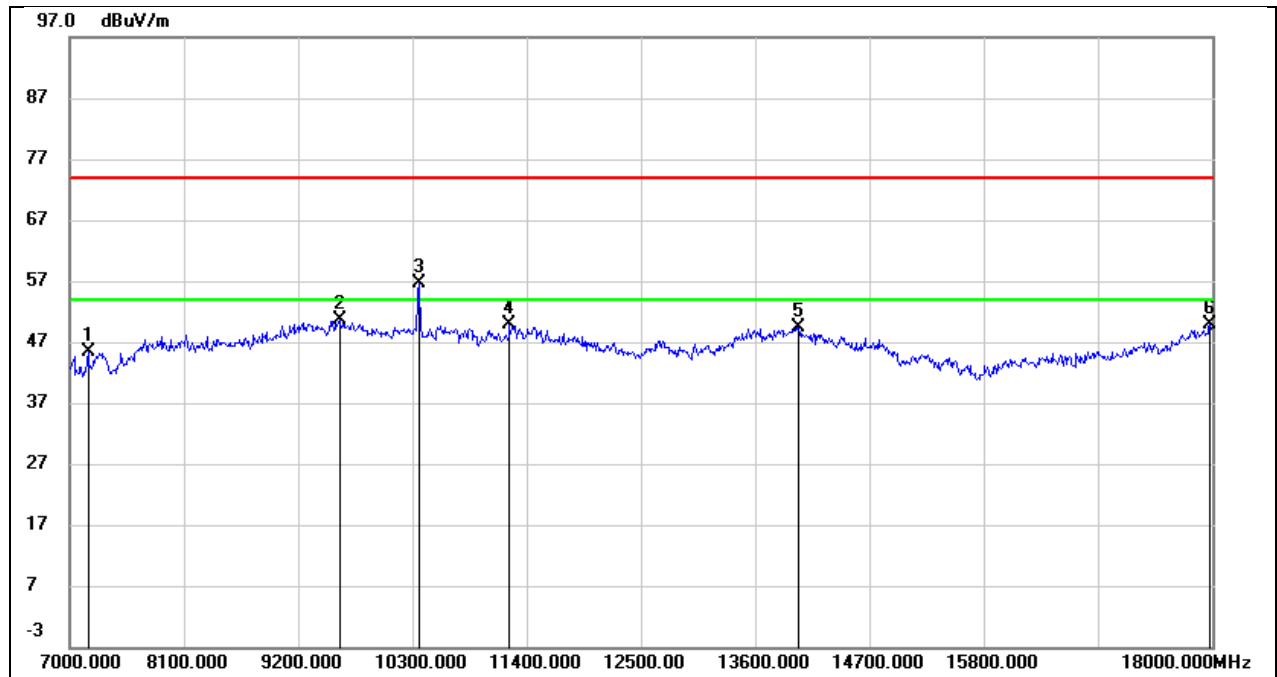
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7737.000	39.38	7.98	47.36	74.00	-26.64	peak
2	9684.000	36.81	13.57	50.38	74.00	-23.62	peak
3	10872.000	35.21	14.56	49.77	74.00	-24.23	peak
4	12709.000	27.99	19.59	47.58	74.00	-26.42	peak
5	13754.000	27.84	22.49	50.33	74.00	-23.67	peak
6	17923.000	21.53	28.58	50.11	74.00	-23.89	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



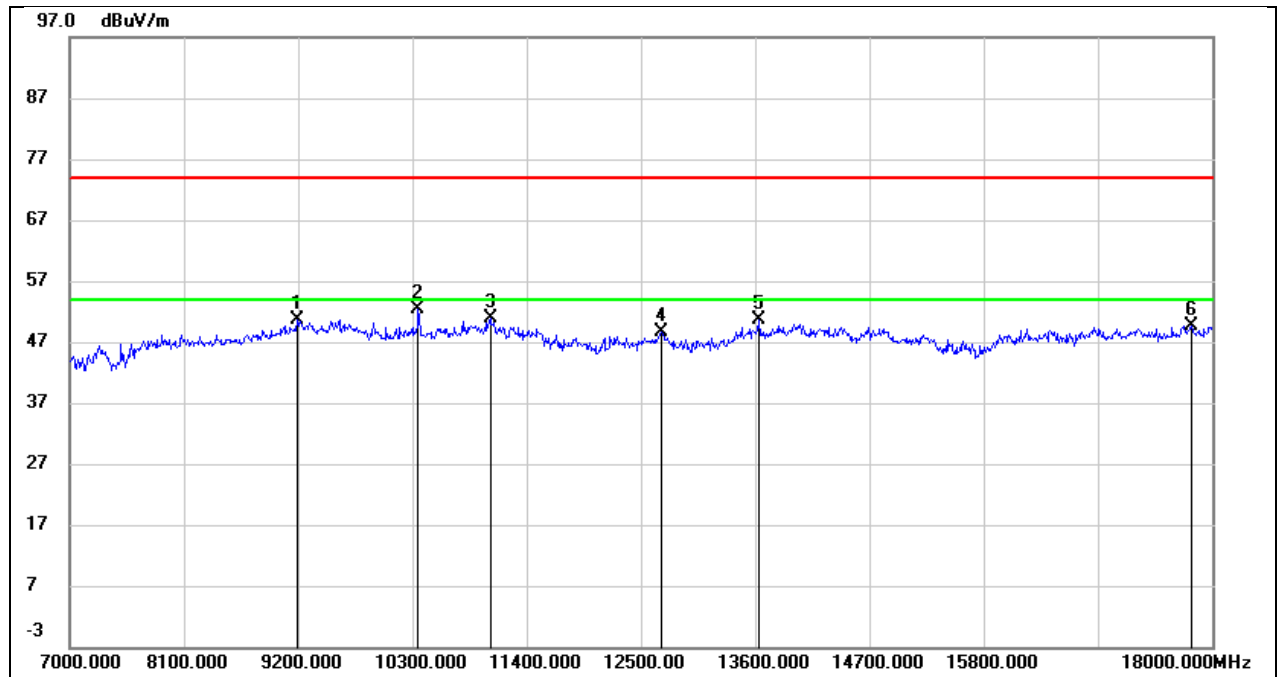
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	38.19	8.36	46.55	74.00	-27.45	peak
2	9585.000	37.99	13.22	51.21	74.00	-22.79	peak
3	11268.000	36.18	15.37	51.55	74.00	-22.45	peak
4	12676.000	30.39	18.46	48.85	74.00	-25.15	peak
5	14238.000	28.11	21.38	49.49	74.00	-24.51	peak
6	17945.000	22.51	26.87	49.38	74.00	-24.62	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



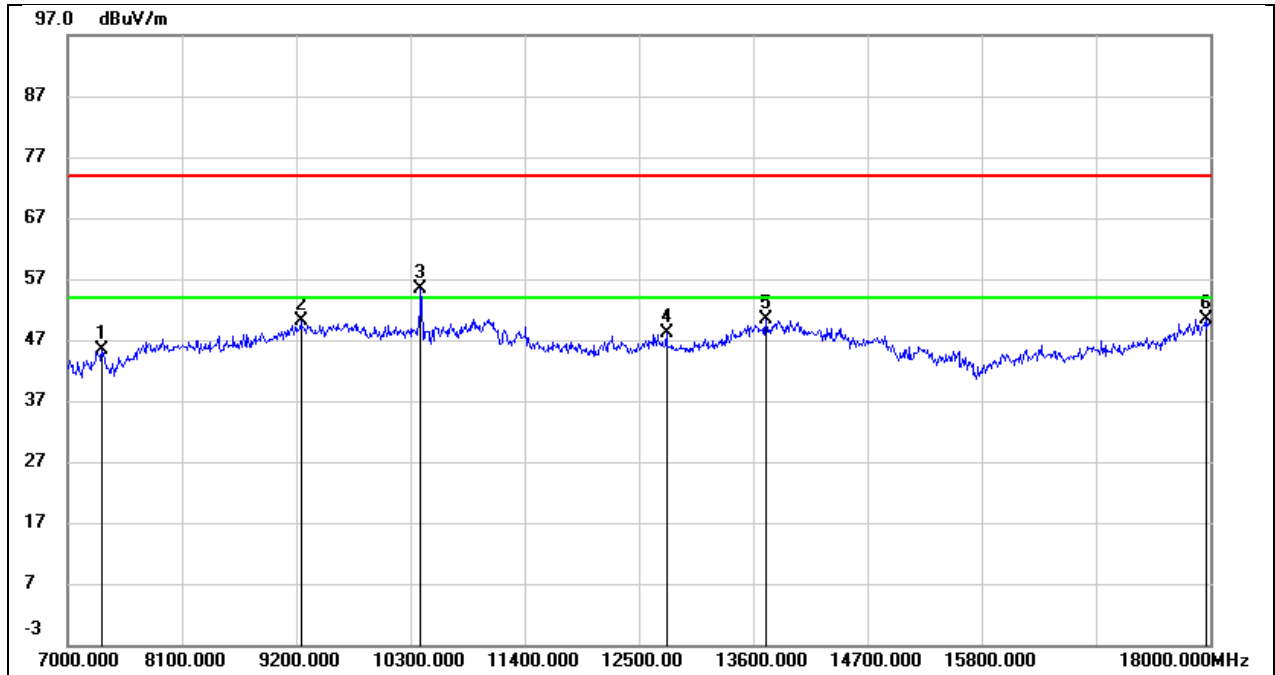
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7176.000	37.81	7.56	45.37	74.00	-28.63	peak
2	9596.000	37.30	13.40	50.70	74.00	-23.30	peak
3*	10366.000	43.23	13.29	56.52	68.20	-11.68	peak
4	11235.000	33.43	16.35	49.78	74.00	-24.22	peak
5	14018.000	25.98	23.34	49.32	74.00	-24.68	peak
6	17978.000	20.58	29.18	49.76	74.00	-24.24	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



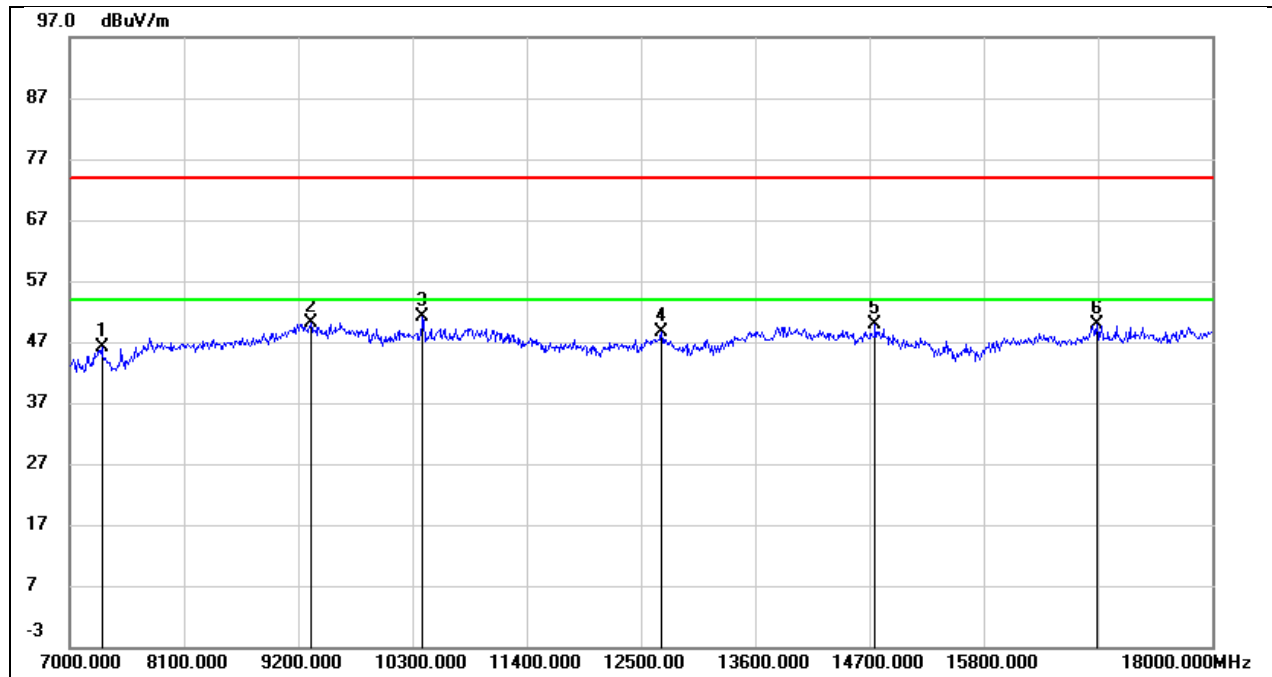
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	38.95	11.67	50.62	74.00	-23.38	peak
2	10355.000	39.48	12.93	52.41	74.00	-21.59	peak
3	11048.000	36.44	14.37	50.81	74.00	-23.19	peak
4	12698.000	30.03	18.53	48.56	74.00	-25.44	peak
5	13633.000	30.12	20.48	50.60	74.00	-23.40	peak
6	17802.000	23.60	25.98	49.58	74.00	-24.42	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



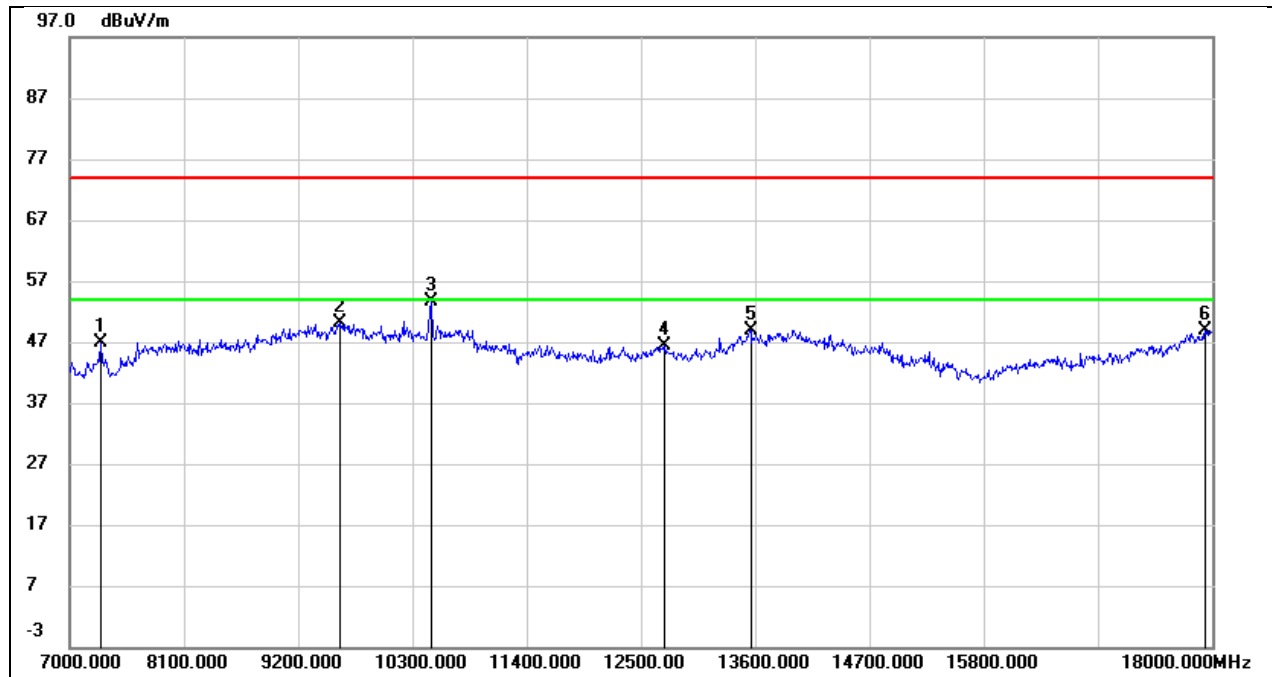
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7330.000	37.56	7.73	45.29	74.00	-28.71	peak
2	9244.000	38.51	11.63	50.14	74.00	-23.86	peak
3*	10399.000	42.08	13.31	55.39	68.20	-12.81	peak
4	12764.000	28.22	19.80	48.02	74.00	-25.98	peak
5	13721.000	28.09	22.40	50.49	74.00	-23.51	peak
6	17956.000	21.56	28.94	50.50	74.00	-23.50	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



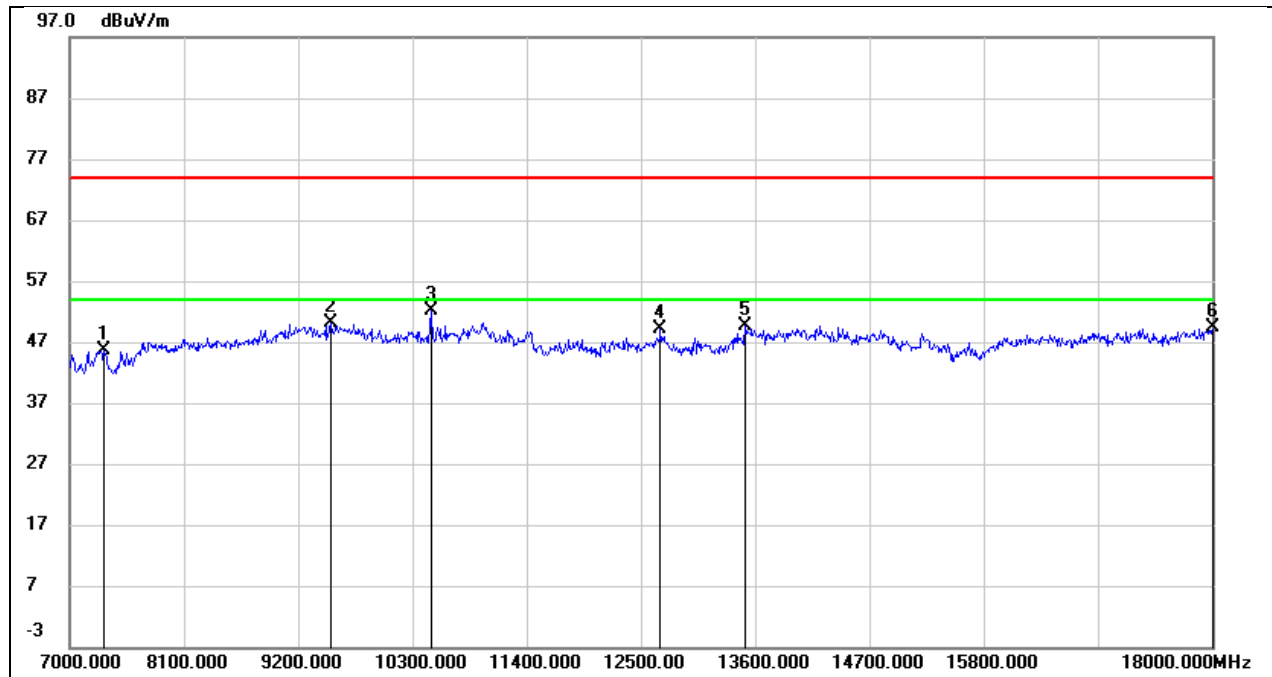
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	37.87	8.36	46.23	74.00	-27.77	peak
2	9321.000	38.17	12.03	50.20	74.00	-23.80	peak
3	10399.000	38.19	13.01	51.20	74.00	-22.80	peak
4	12698.000	30.04	18.53	48.57	74.00	-25.43	peak
5	14755.000	29.36	20.46	49.82	74.00	-24.18	peak
6	16889.000	25.77	24.03	49.80	74.00	-24.20	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



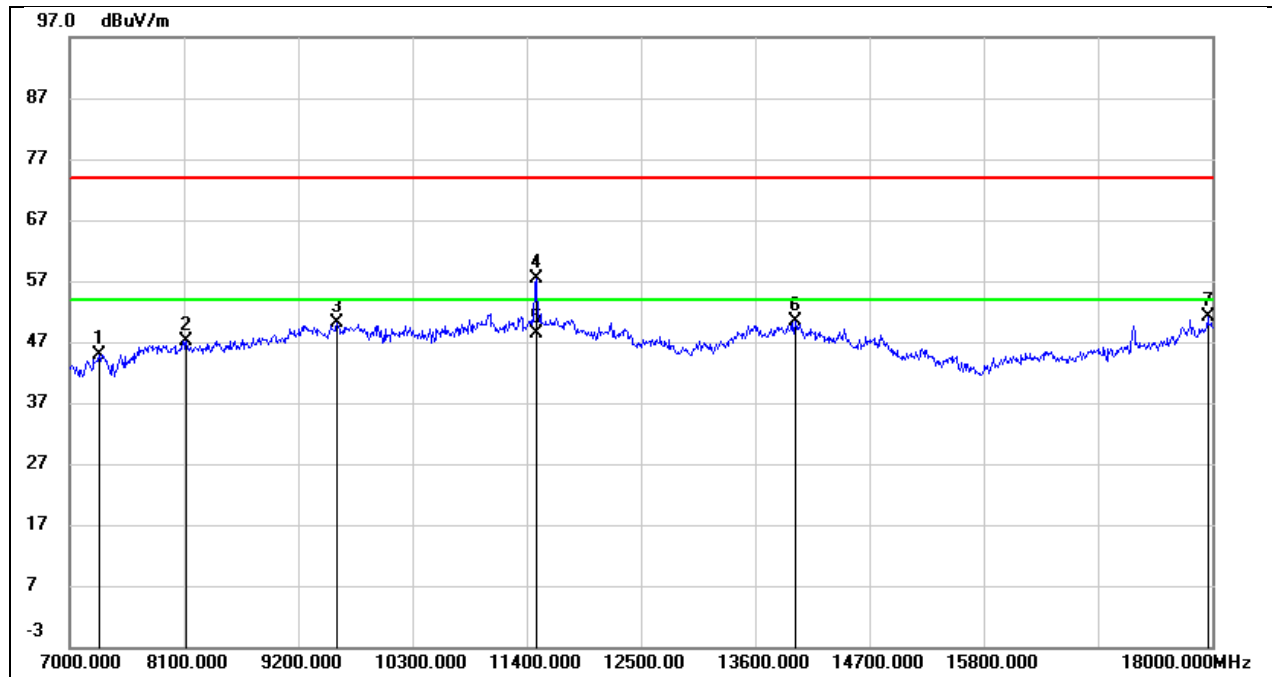
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	39.05	7.71	46.76	74.00	-27.24	peak
2	9607.000	36.65	13.44	50.09	74.00	-23.91	peak
3	10476.000	40.30	13.44	53.74	74.00	-20.26	peak
4	12731.000	26.78	19.68	46.46	74.00	-27.54	peak
5	13556.000	26.89	21.98	48.87	74.00	-25.13	peak
6	17934.000	20.17	28.71	48.88	74.00	-25.12	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



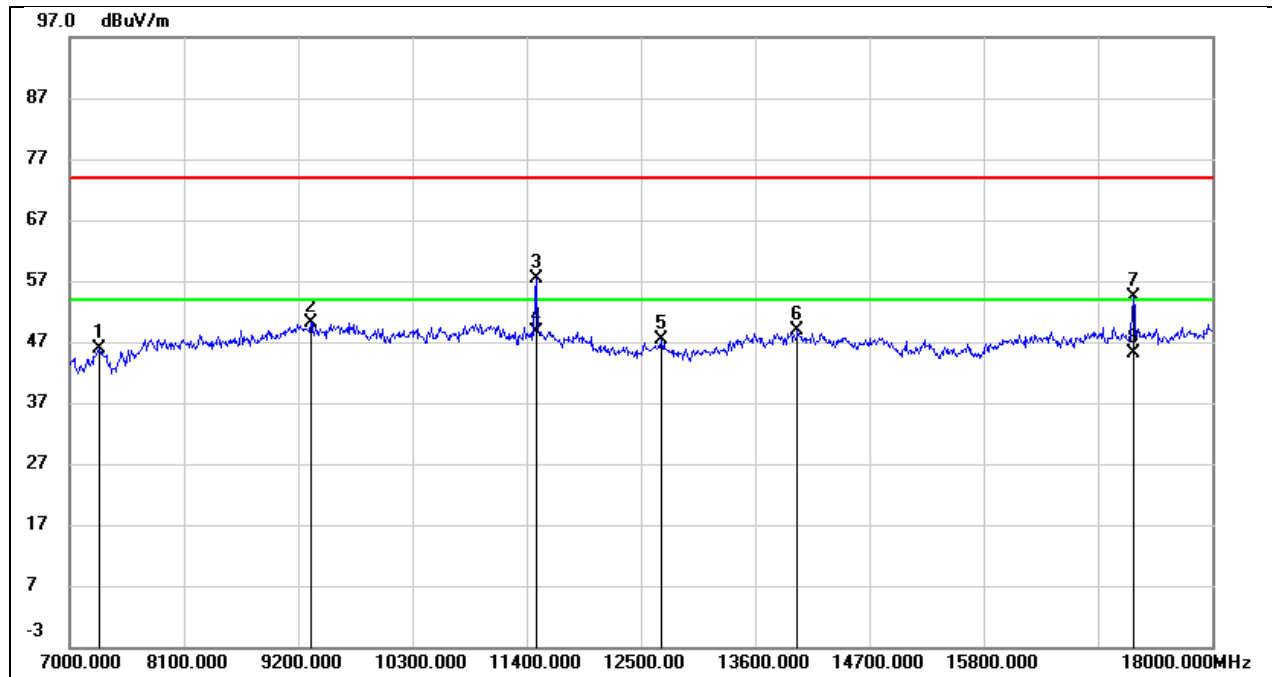
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7330.000	37.16	8.37	45.53	74.00	-28.47	peak
2	9519.000	37.30	12.90	50.20	74.00	-23.80	peak
3	10476.000	39.01	13.21	52.22	74.00	-21.78	peak
4	12687.000	30.56	18.50	49.06	74.00	-24.94	peak
5	13501.000	29.47	20.19	49.66	74.00	-24.34	peak
6	18000.000	22.27	27.21	49.48	74.00	-24.52	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 5V



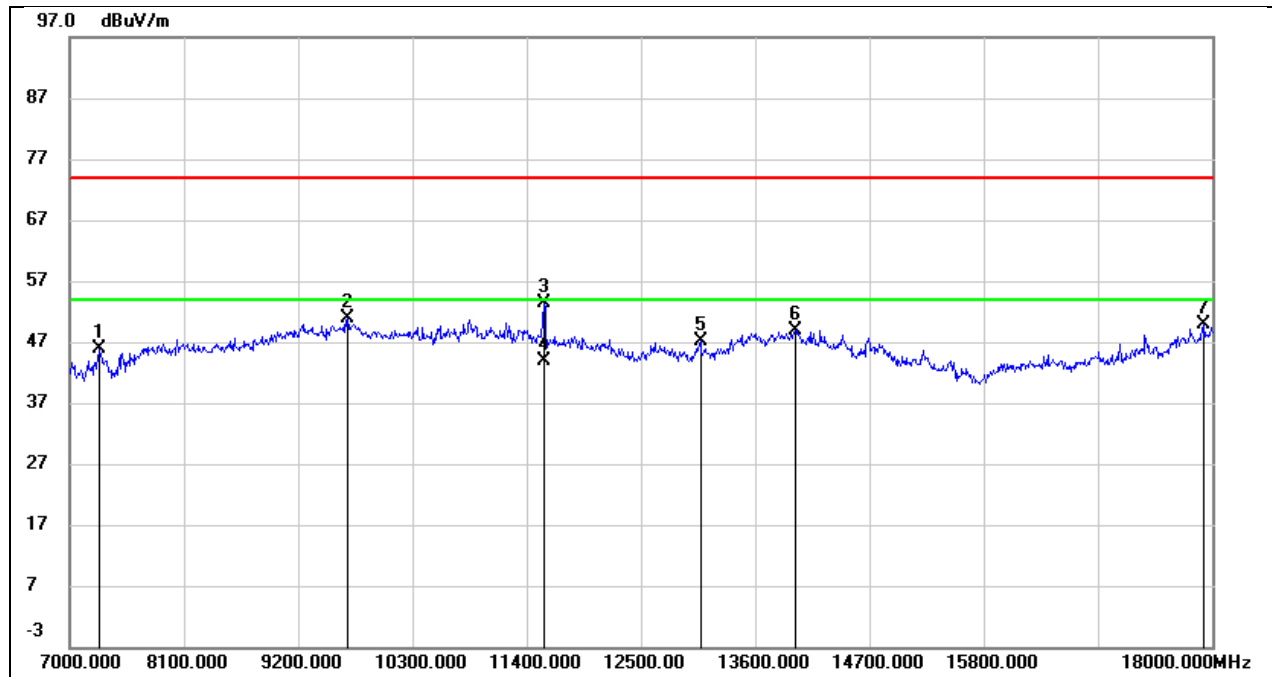
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.26	7.69	44.95	74.00	-29.05	peak
2	8122.000	38.84	8.23	47.07	74.00	-26.93	peak
3	9574.000	36.83	13.26	50.09	74.00	-23.91	peak
4	11488.000	39.45	17.81	57.26	74.00	-16.74	peak
5	11488.000	30.49	17.81	48.30	54.00	-5.70	AVG
6	13985.000	27.03	23.35	50.38	74.00	-23.62	peak
7	17956.000	22.16	28.94	51.10	74.00	-22.90	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 5V



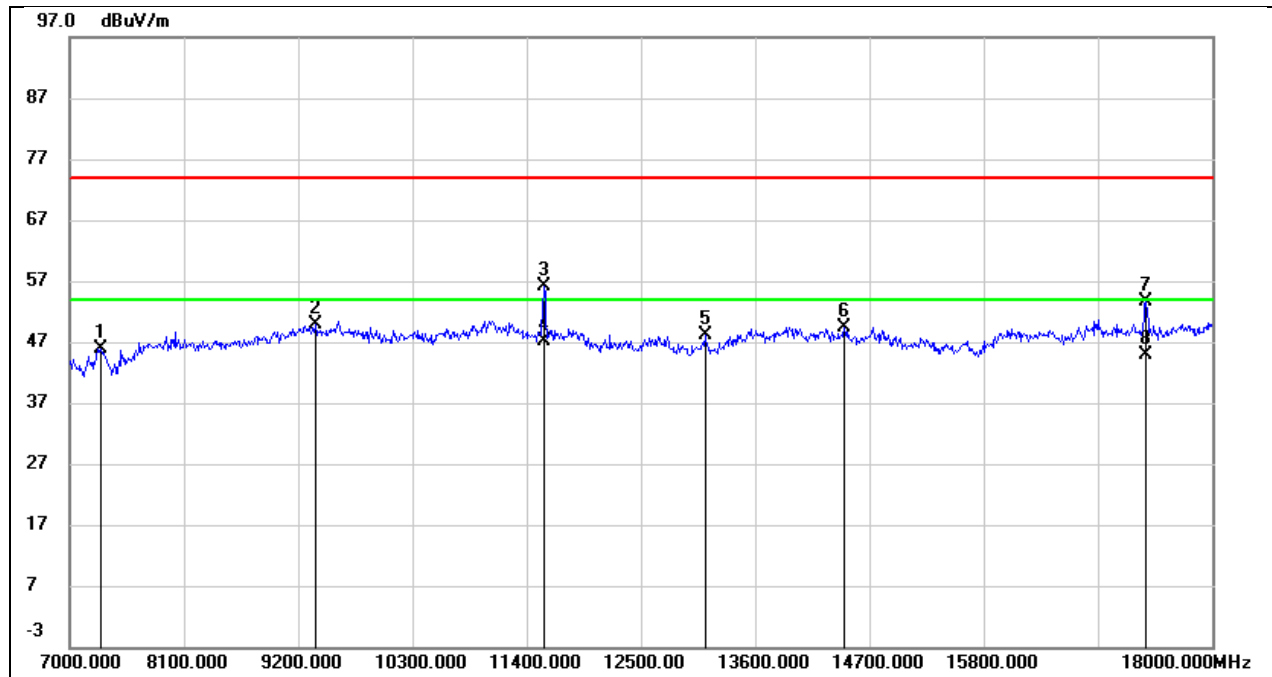
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.50	8.36	45.86	74.00	-28.14	peak
2	9321.000	38.21	12.03	50.24	74.00	-23.76	peak
3	11488.000	41.00	16.33	57.33	74.00	-16.67	peak
4	11488.000	32.27	16.33	48.60	54.00	-5.40	AVG
5	12698.000	28.95	18.53	47.48	74.00	-26.52	peak
6	14007.000	26.96	21.81	48.77	74.00	-25.23	peak
7	17241.000	29.60	24.74	54.34	74.00	-19.66	peak
8	17241.000	20.36	24.74	45.10	54.00	-8.90	AVG

Test Mode:	802.11be EHT20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 5V



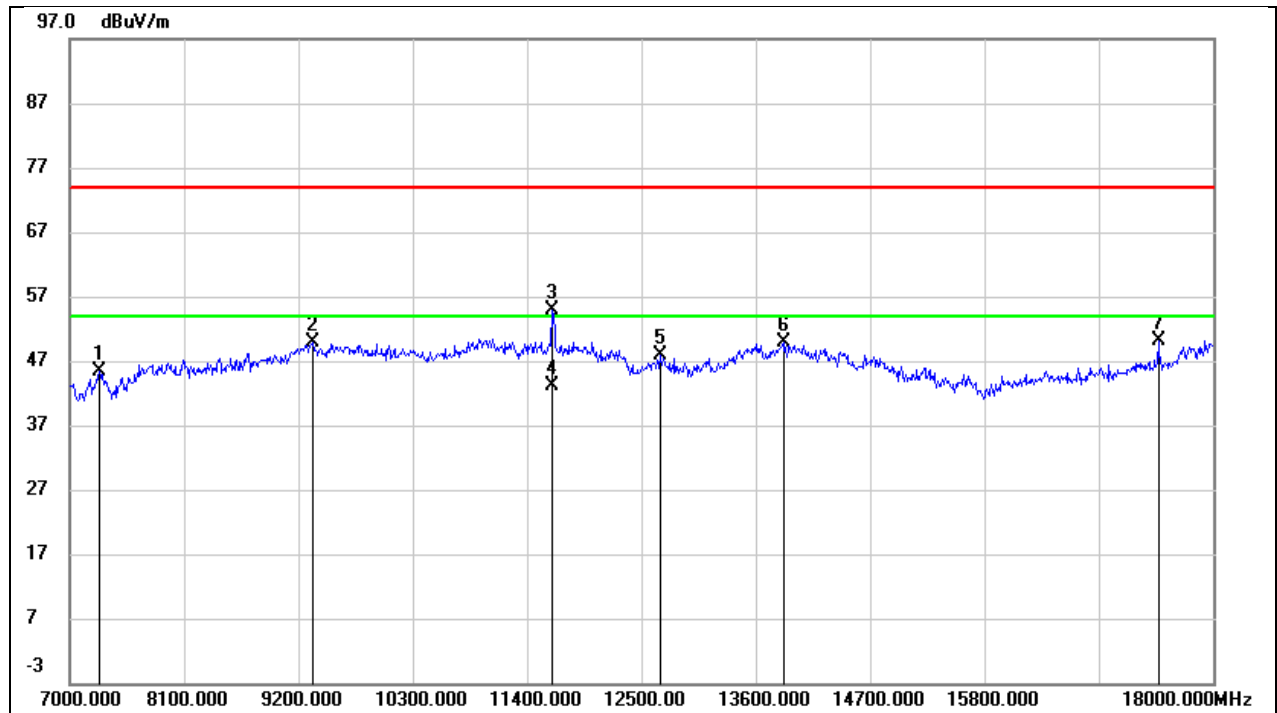
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	38.13	7.69	45.82	74.00	-28.18	peak
2	9673.000	37.23	13.55	50.78	74.00	-23.22	peak
3	11565.000	35.27	18.07	53.34	74.00	-20.66	peak
4	11565.000	25.73	18.07	43.80	54.00	-10.20	AVG
5	13072.000	26.84	20.26	47.10	74.00	-26.90	peak
6	13985.000	25.56	23.35	48.91	74.00	-25.09	peak
7	17923.000	21.31	28.58	49.89	74.00	-24.11	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 5V



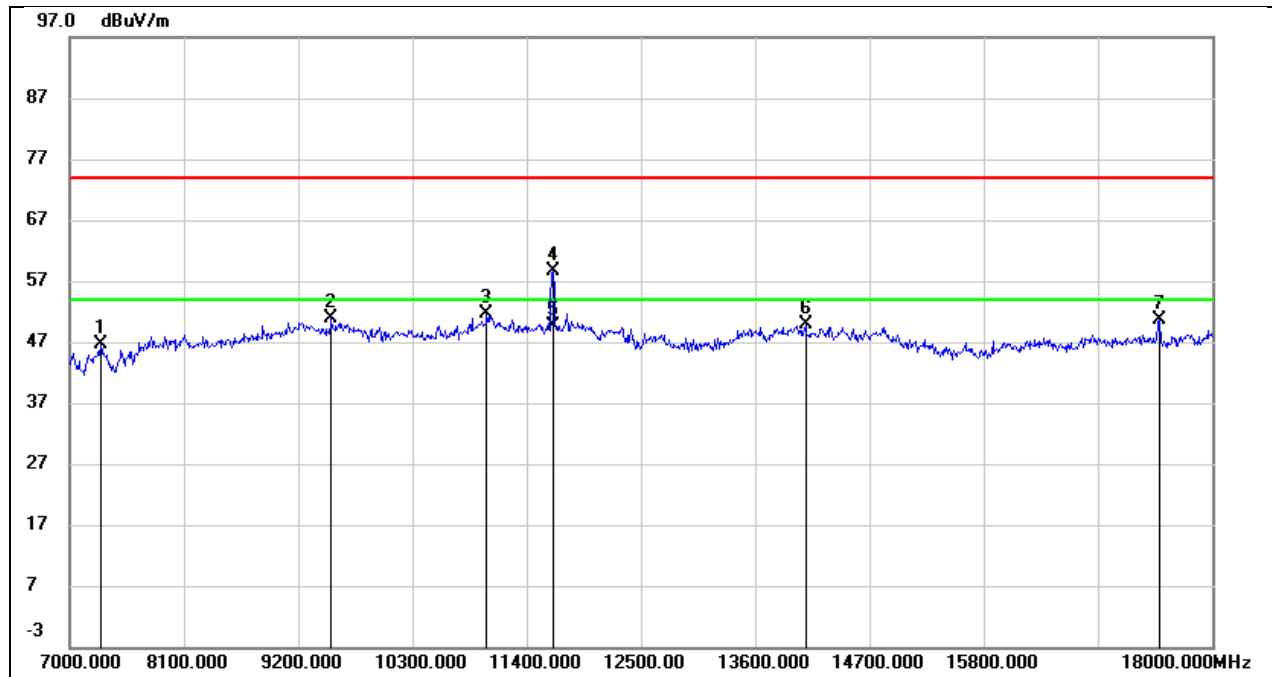
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	37.51	8.37	45.88	74.00	-28.12	peak
2	9365.000	37.74	12.14	49.88	74.00	-24.12	peak
3	11565.000	39.57	16.62	56.19	74.00	-17.81	peak
4	11565.000	30.58	16.62	47.20	54.00	-6.80	AVG
5	13116.000	29.12	19.13	48.25	74.00	-25.75	peak
6	14458.000	28.72	20.78	49.50	74.00	-24.50	peak
7	17362.000	28.82	24.83	53.65	74.00	-20.35	peak
8	17362.000	19.97	24.83	44.80	54.00	-9.20	AVG

Test Mode:	802.11be EHT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 5V



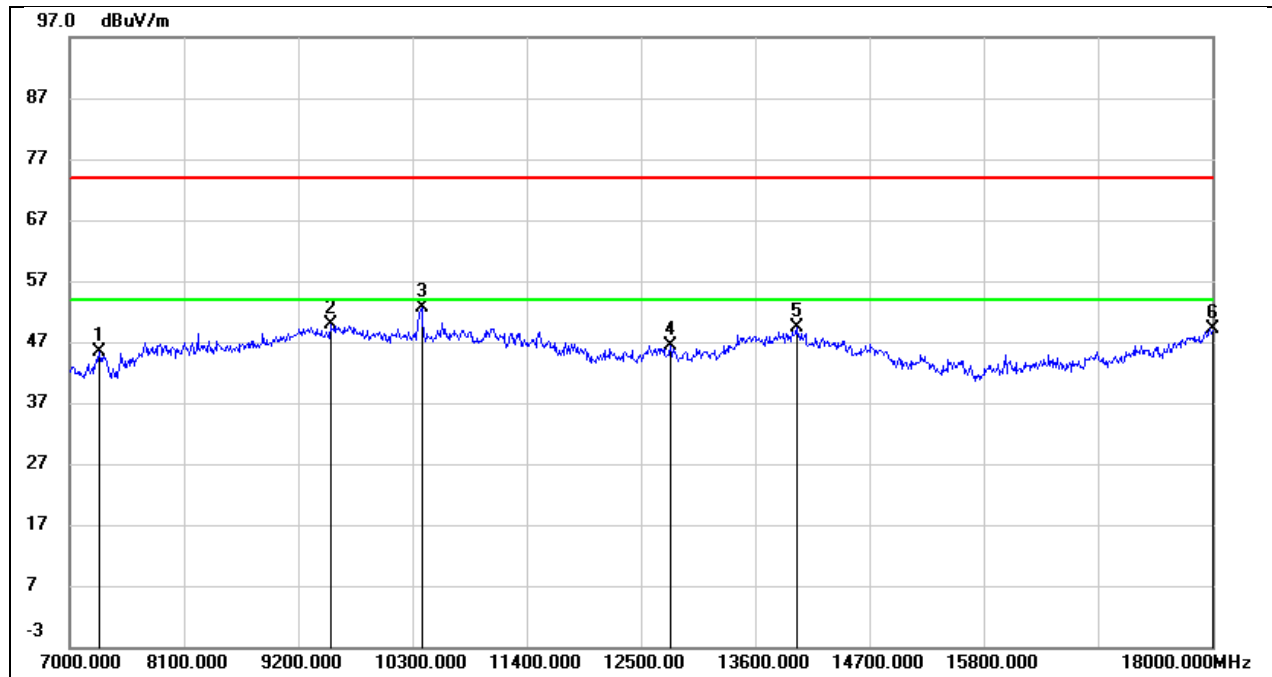
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.70	7.69	45.39	74.00	-28.61	peak
2	9343.000	37.81	11.96	49.77	74.00	-24.23	peak
3	11642.000	36.62	18.16	54.78	74.00	-19.22	peak
4	11642.000	24.99	18.16	43.15	54.00	-10.85	AVG
5	12676.000	28.52	19.47	47.99	74.00	-26.01	peak
6	13864.000	27.07	22.87	49.94	74.00	-24.06	peak
7	17472.000	25.47	24.70	50.17	74.00	-23.83	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 5V



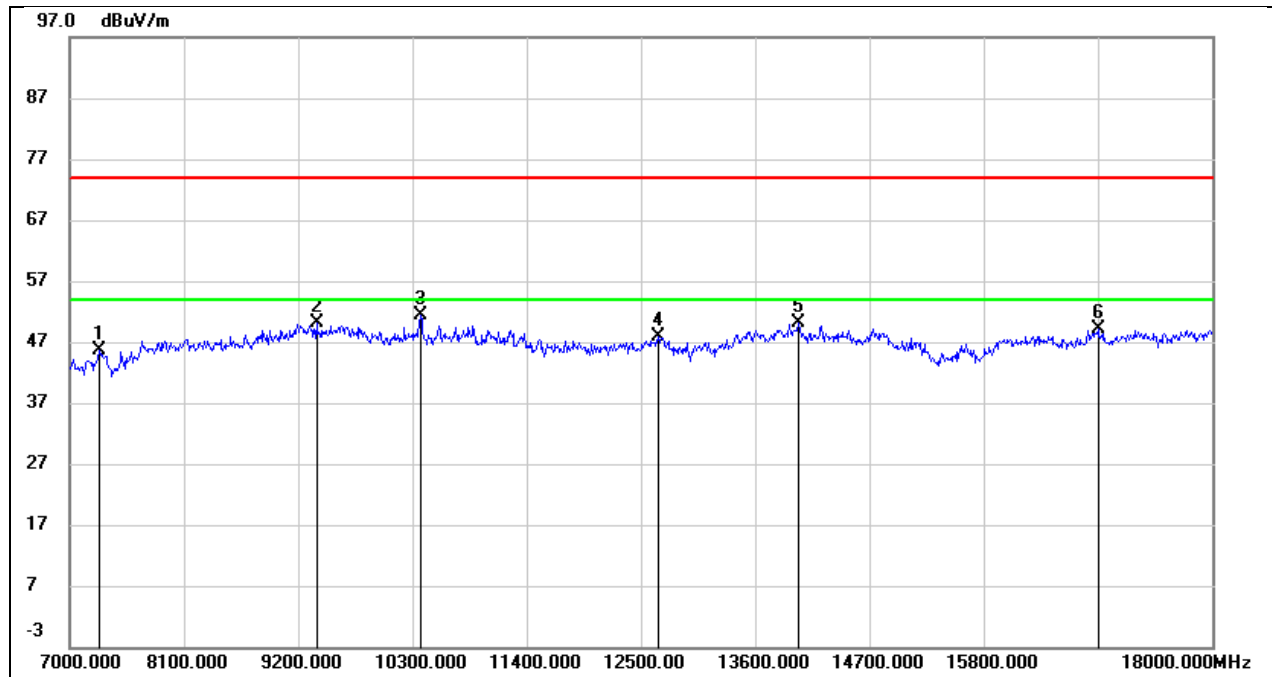
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	38.26	8.37	46.63	74.00	-27.37	peak
2	9519.000	37.93	12.90	50.83	74.00	-23.17	peak
3	11015.000	37.49	14.22	51.71	74.00	-22.29	peak
4	11653.000	41.74	16.78	58.52	74.00	-15.48	peak
5	11653.000	32.82	16.78	49.60	54.00	-4.40	AVG
6	14084.000	28.24	21.68	49.92	74.00	-24.08	peak
7	17494.000	25.79	24.77	50.56	74.00	-23.44	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



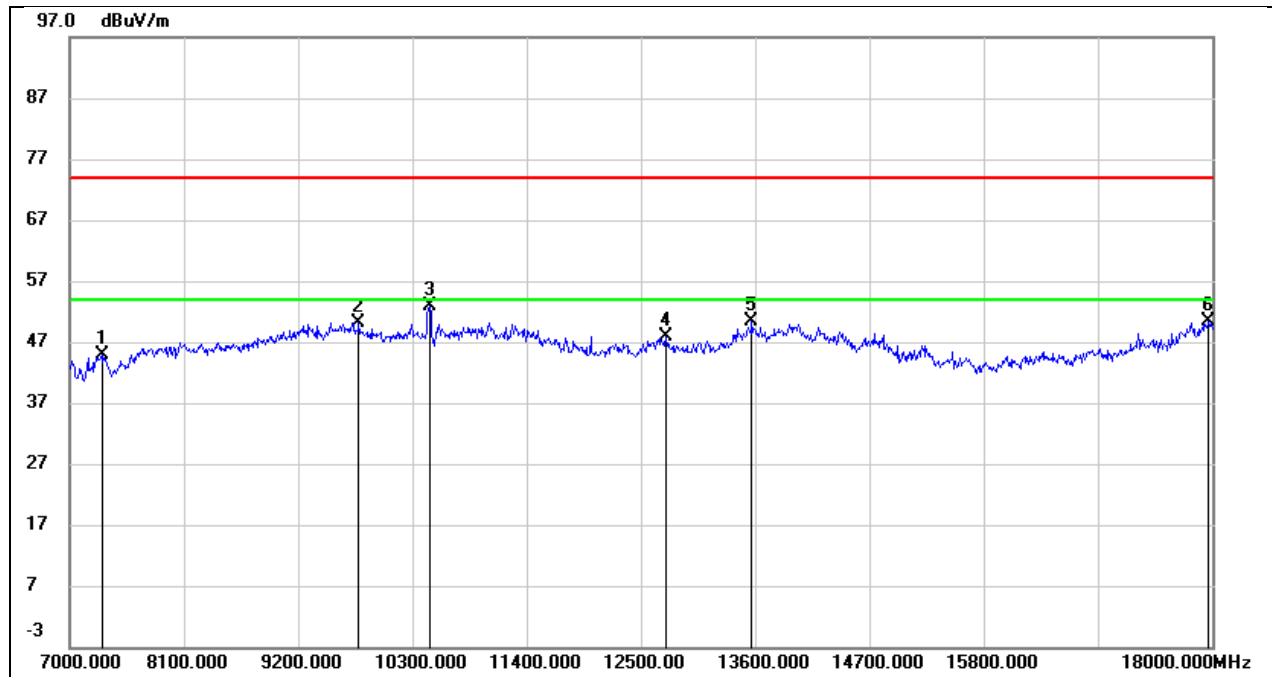
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.59	7.69	45.28	74.00	-28.72	peak
2	9508.000	37.03	12.86	49.89	74.00	-24.11	peak
3	10388.000	39.21	13.30	52.51	74.00	-21.49	peak
4	12786.000	26.58	19.89	46.47	74.00	-27.53	peak
5	13996.000	25.91	23.39	49.30	74.00	-24.70	peak
6	18000.000	19.82	29.41	49.23	74.00	-24.77	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



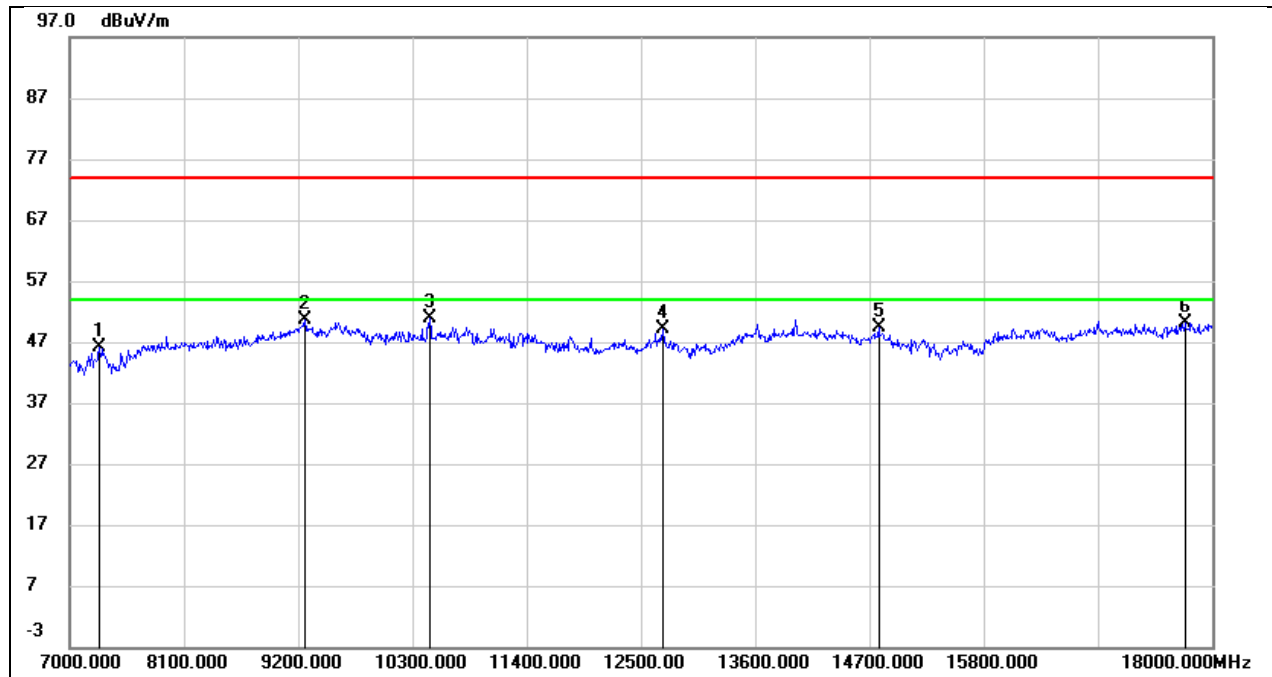
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.30	8.36	45.66	74.00	-28.34	peak
2	9376.000	37.93	12.17	50.10	74.00	-23.90	peak
3	10377.000	38.52	12.97	51.49	74.00	-22.51	peak
4	12665.000	29.42	18.42	47.84	74.00	-26.16	peak
5	14018.000	28.22	21.79	50.01	74.00	-23.99	peak
6	16900.000	25.08	24.06	49.14	74.00	-24.86	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 5V



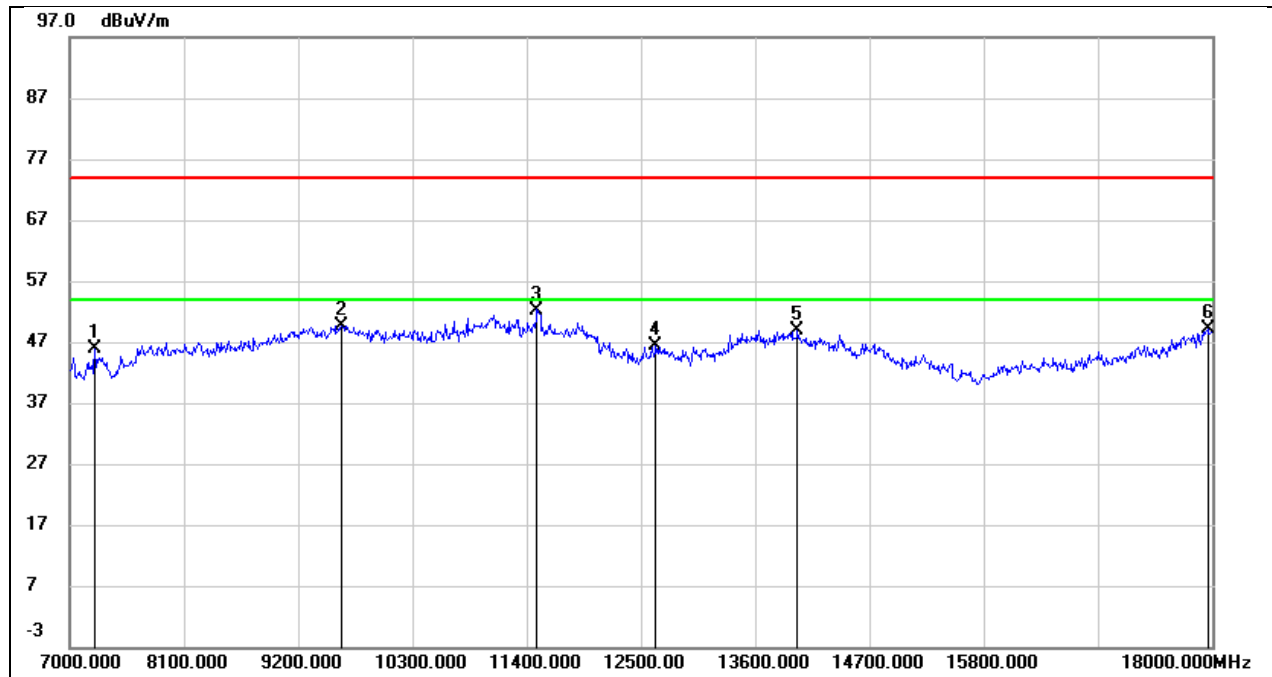
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	37.16	7.71	44.87	74.00	-29.13	peak
2	9783.000	36.46	13.75	50.21	74.00	-23.79	peak
3	10465.000	39.43	13.43	52.86	74.00	-21.14	peak
4	12742.000	28.09	19.73	47.82	74.00	-26.18	peak
5	13567.000	28.41	22.00	50.41	74.00	-23.59	peak
6	17967.000	21.28	29.06	50.34	74.00	-23.66	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



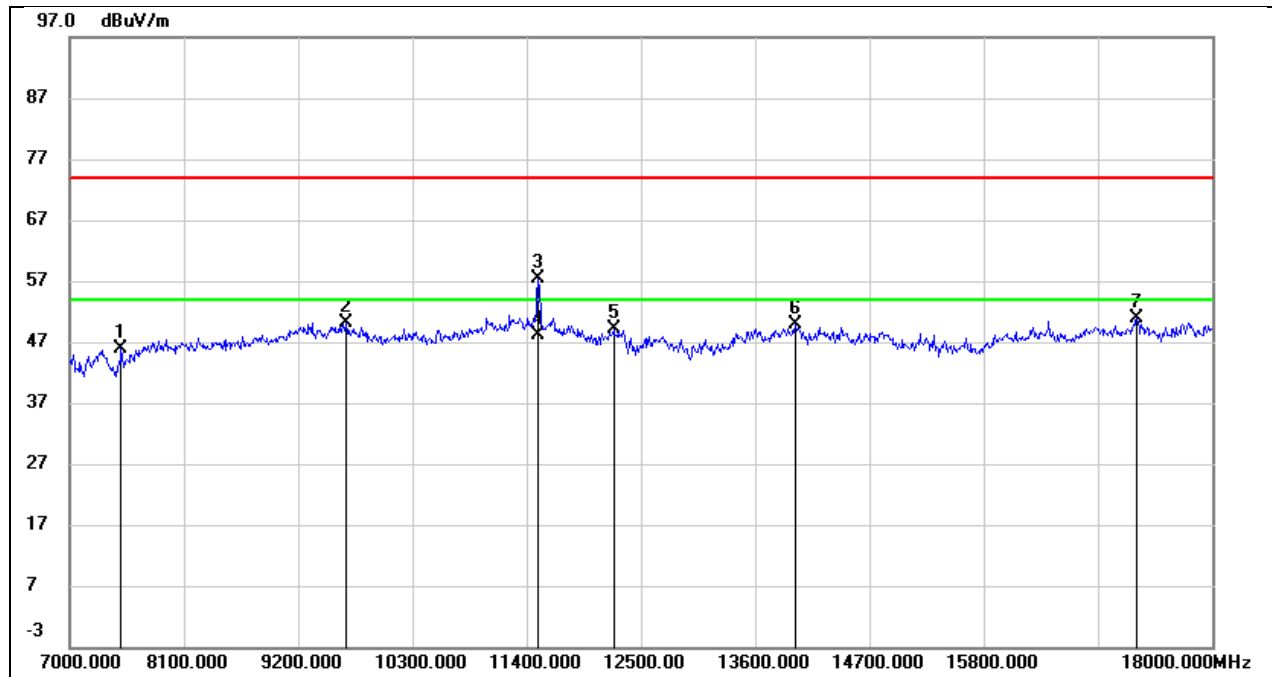
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	37.76	8.36	46.12	74.00	-27.88	peak
2	9266.000	38.71	11.88	50.59	74.00	-23.41	peak
3	10465.000	37.68	13.19	50.87	74.00	-23.13	peak
4	12709.000	30.56	18.57	49.13	74.00	-24.87	peak
5	14788.000	28.92	20.41	49.33	74.00	-24.67	peak
6	17736.000	24.55	25.63	50.18	74.00	-23.82	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 5V



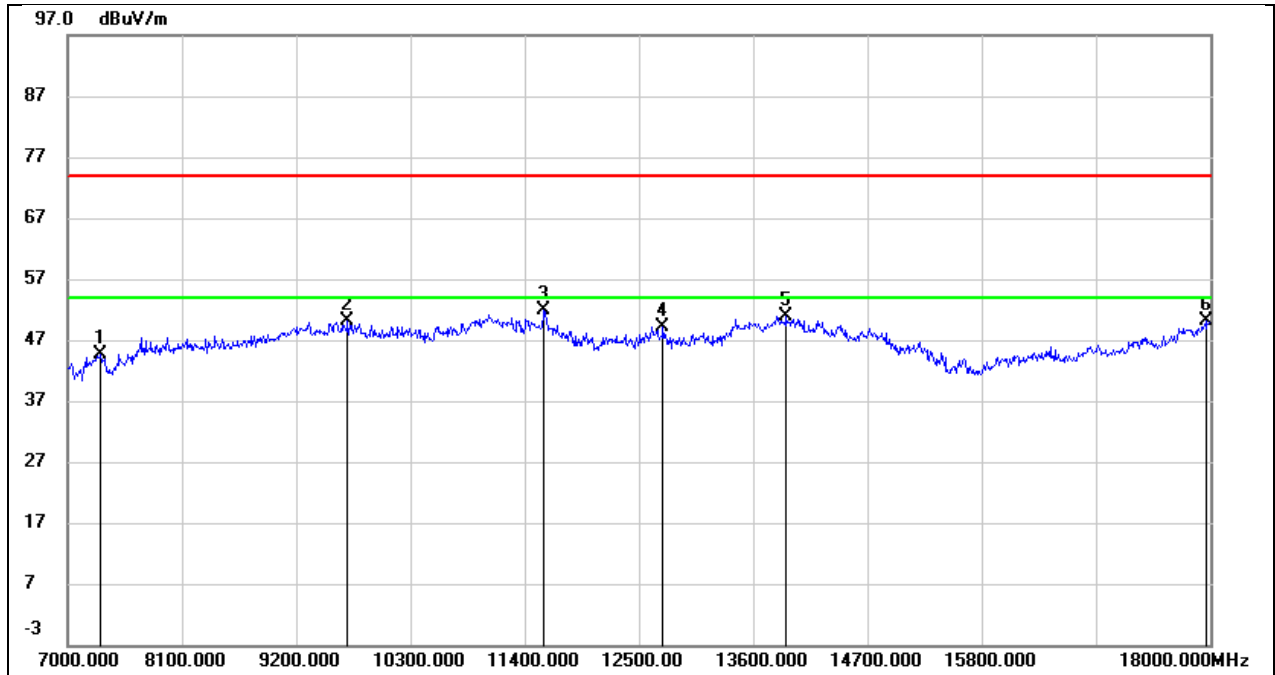
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7242.000	38.21	7.66	45.87	74.00	-28.13	peak
2	9618.000	36.23	13.46	49.69	74.00	-24.31	peak
3	11499.000	34.37	17.88	52.25	74.00	-21.75	peak
4	12643.000	26.97	19.35	46.32	74.00	-27.68	peak
5	14007.000	25.37	23.39	48.76	74.00	-25.24	peak
6	17956.000	20.15	28.94	49.09	74.00	-24.91	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 5V



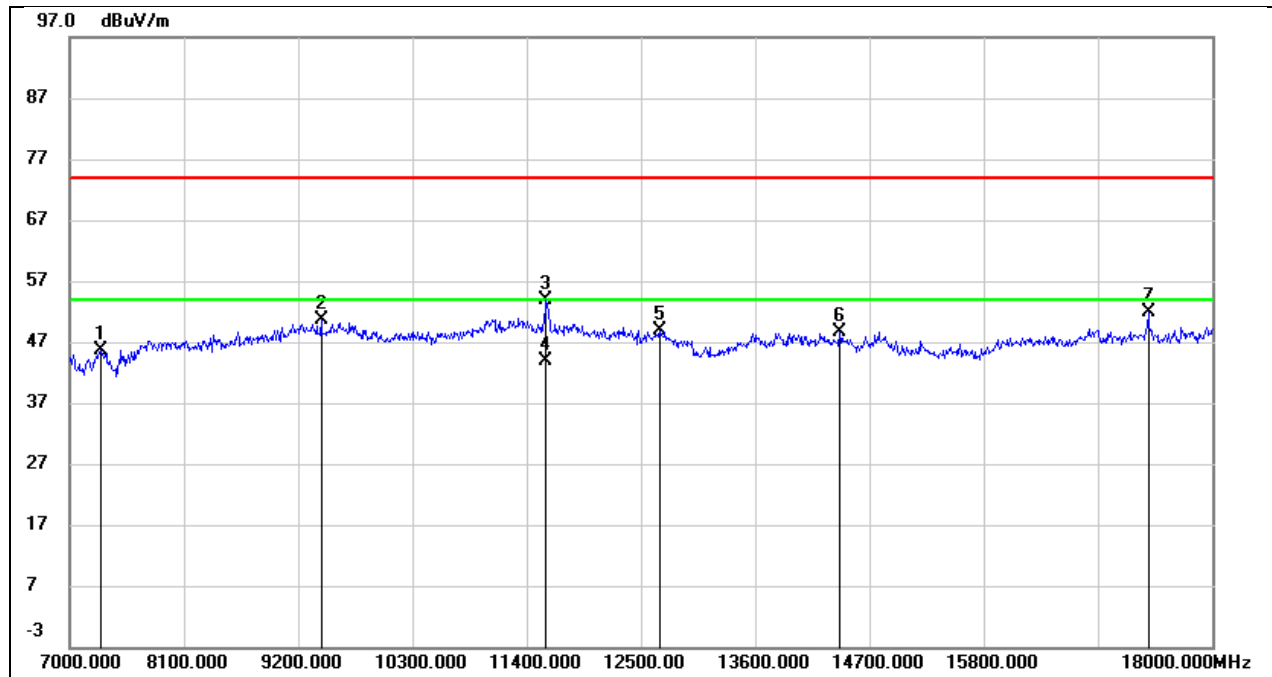
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.56	8.40	45.96	74.00	-28.04	peak
2	9662.000	36.91	13.31	50.22	74.00	-23.78	peak
3	11510.000	41.04	16.42	57.46	74.00	-16.54	peak
4	11510.000	31.68	16.42	48.10	54.00	-5.90	AVG
5	12236.000	31.33	17.89	49.22	74.00	-24.78	peak
6	13985.000	28.23	21.75	49.98	74.00	-24.02	peak
7	17274.000	26.06	24.77	50.83	74.00	-23.17	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 5V



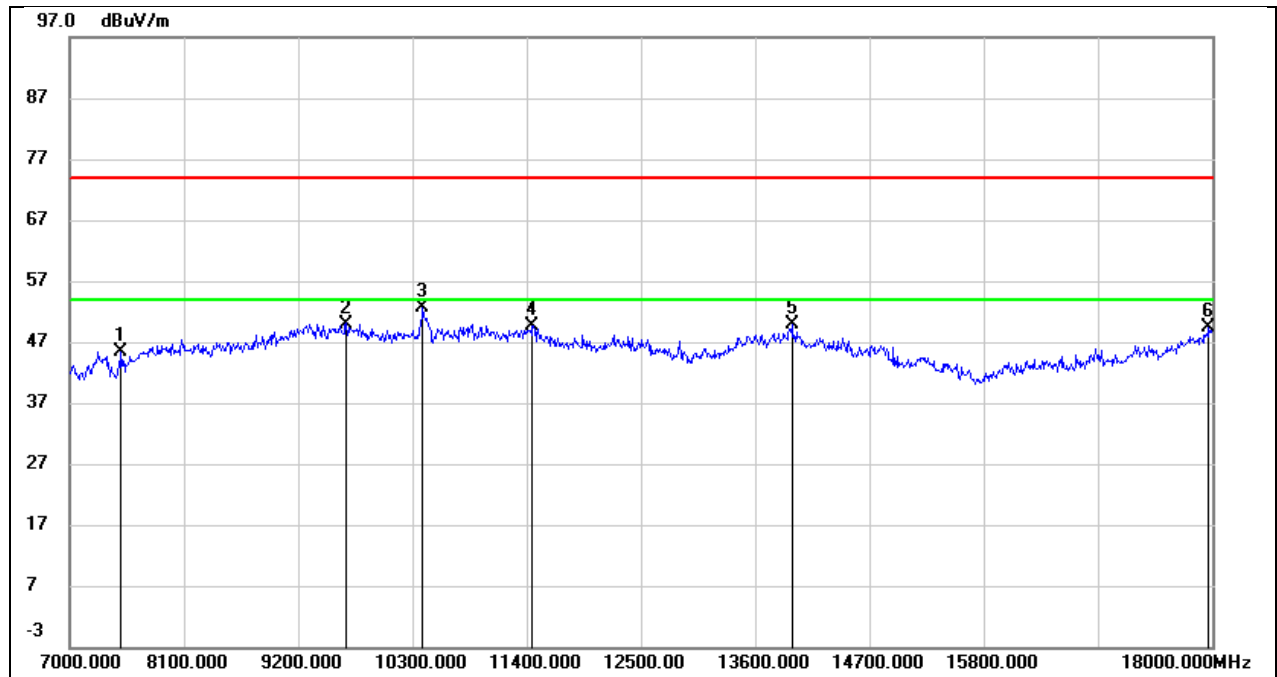
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7319.000	36.89	7.73	44.62	74.00	-29.38	peak
2	9695.000	36.53	13.59	50.12	74.00	-23.88	peak
3	11587.000	33.81	18.14	51.95	74.00	-22.05	peak
4	12731.000	29.48	19.68	49.16	74.00	-24.84	peak
5	13919.000	27.78	23.09	50.87	74.00	-23.13	peak
6	17967.000	21.07	29.06	50.13	74.00	-23.87	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 5V



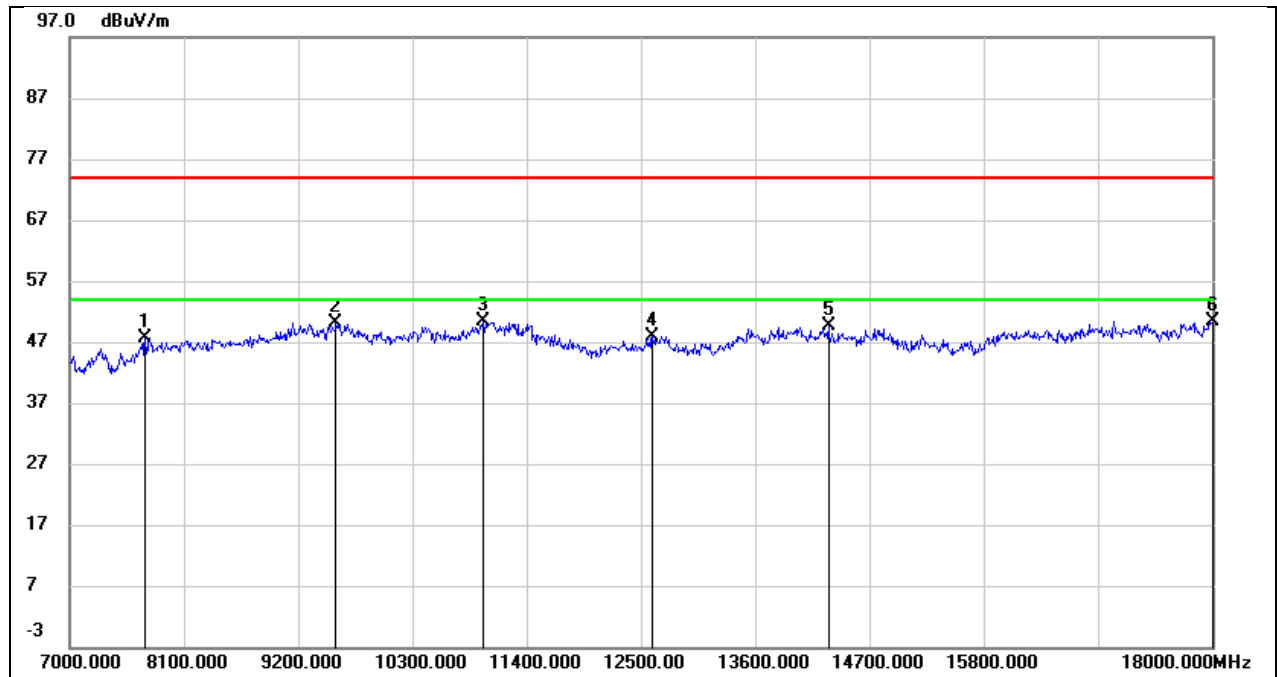
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	37.22	8.37	45.59	74.00	-28.41	peak
2	9420.000	38.20	12.35	50.55	74.00	-23.45	peak
3	11587.000	37.07	16.71	53.78	74.00	-20.22	peak
4	11587.000	27.09	16.71	43.80	54.00	-10.20	AVG
5	12676.000	30.34	18.46	48.80	74.00	-25.20	peak
6	14414.000	27.78	20.79	48.57	74.00	-25.43	peak
7	17384.000	26.93	24.85	51.78	74.00	-22.22	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 5V



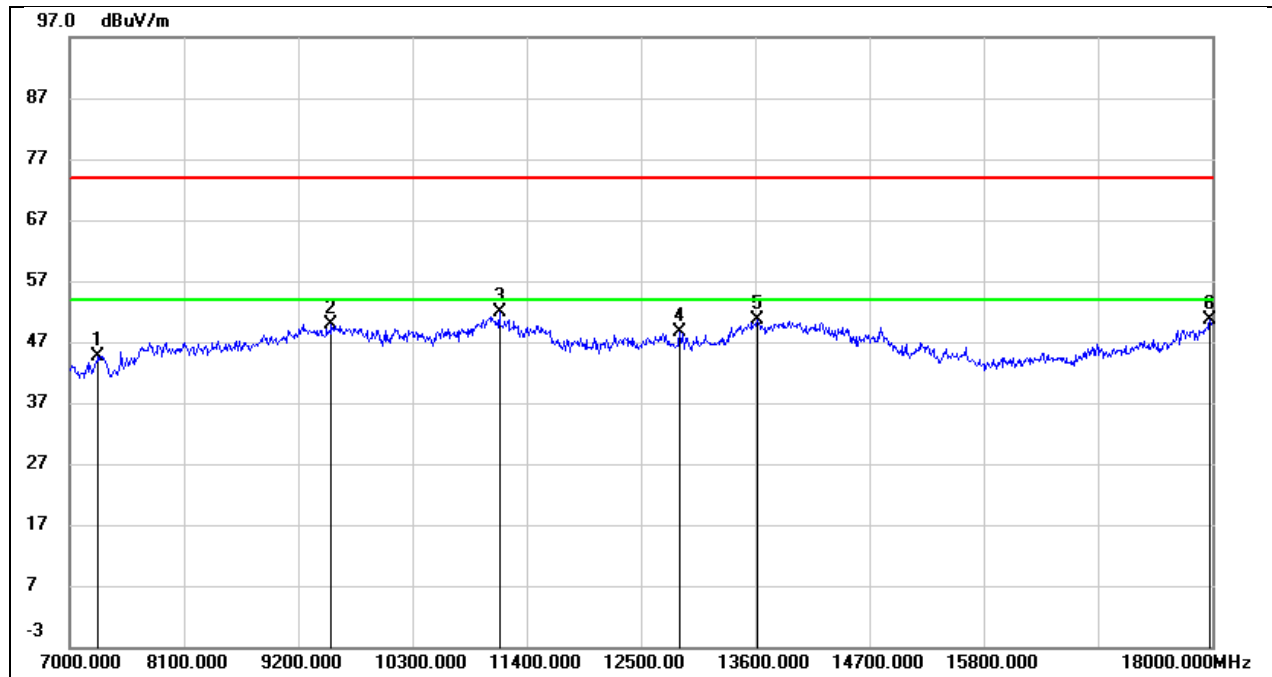
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.49	7.89	45.38	74.00	-28.62	peak
2	9662.000	36.47	13.53	50.00	74.00	-24.00	peak
3	10399.000	39.35	13.31	52.66	74.00	-21.34	peak
4	11455.000	31.93	17.65	49.58	74.00	-24.42	peak
5	13952.000	26.67	23.22	49.89	74.00	-24.11	peak
6	17967.000	20.43	29.06	49.49	74.00	-24.51	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 5V



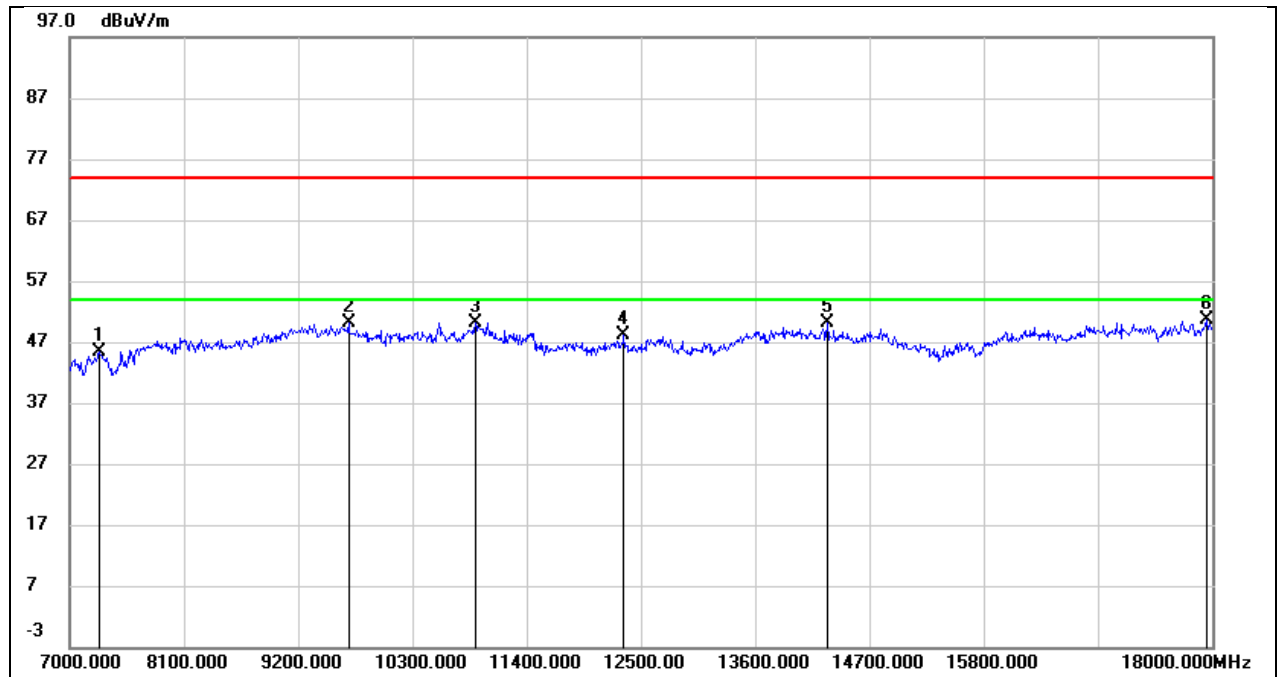
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.000	39.09	8.48	47.57	74.00	-26.43	peak
2	9563.000	36.98	13.10	50.08	74.00	-23.92	peak
3	10982.000	36.36	14.12	50.48	74.00	-23.52	peak
4	12610.000	29.68	18.26	47.94	74.00	-26.06	peak
5	14304.000	28.45	21.14	49.59	74.00	-24.41	peak
6	18000.000	23.13	27.21	50.34	74.00	-23.66	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7275.000	37.04	7.67	44.71	74.00	-29.29	peak
2	9519.000	37.01	12.93	49.94	74.00	-24.06	peak
3	11136.000	36.05	15.75	51.80	74.00	-22.20	peak
4	12874.000	28.62	19.94	48.56	74.00	-25.44	peak
5	13622.000	28.51	22.12	50.63	74.00	-23.37	peak
6	17978.000	21.47	29.18	50.65	74.00	-23.35	peak

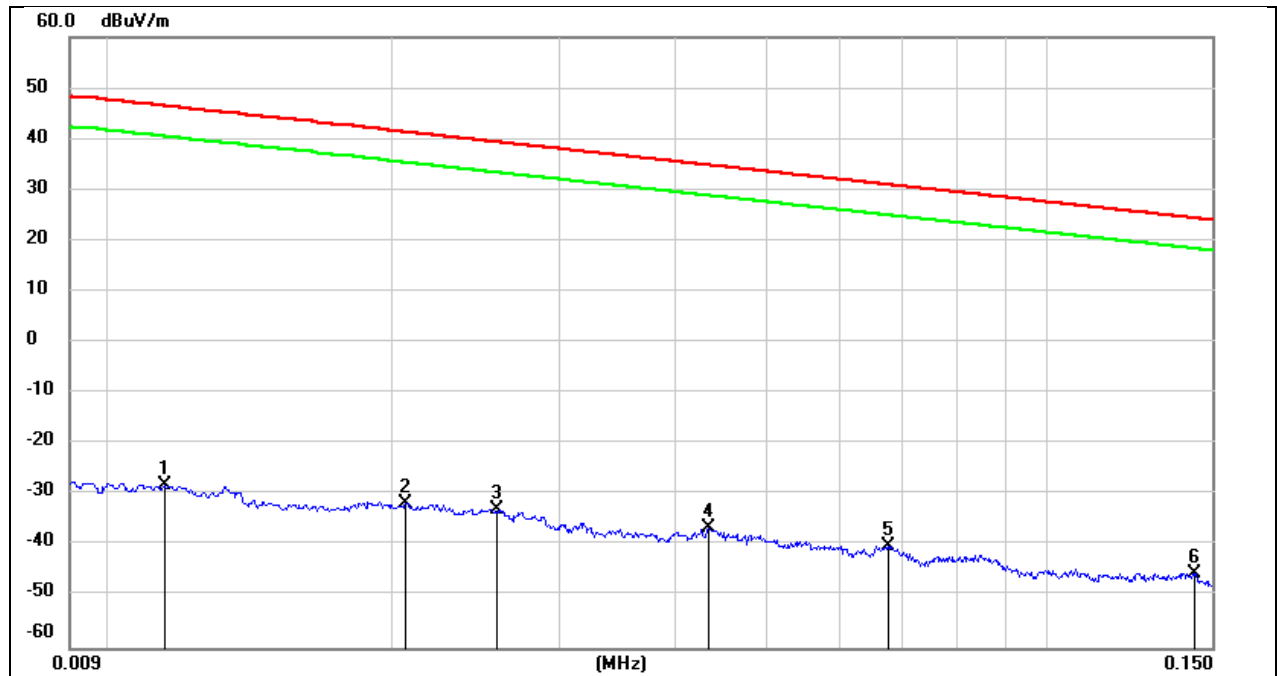
Test Mode:	802.11be EHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	36.90	8.36	45.26	74.00	-28.74	peak
2	9684.000	36.71	13.32	50.03	74.00	-23.97	peak
3	10905.000	36.19	13.97	50.16	74.00	-23.84	peak
4	12335.000	30.00	18.03	48.03	74.00	-25.97	peak
5	14293.000	28.98	21.17	50.15	74.00	-23.85	peak
6	17945.000	23.88	26.87	50.75	74.00	-23.25	peak

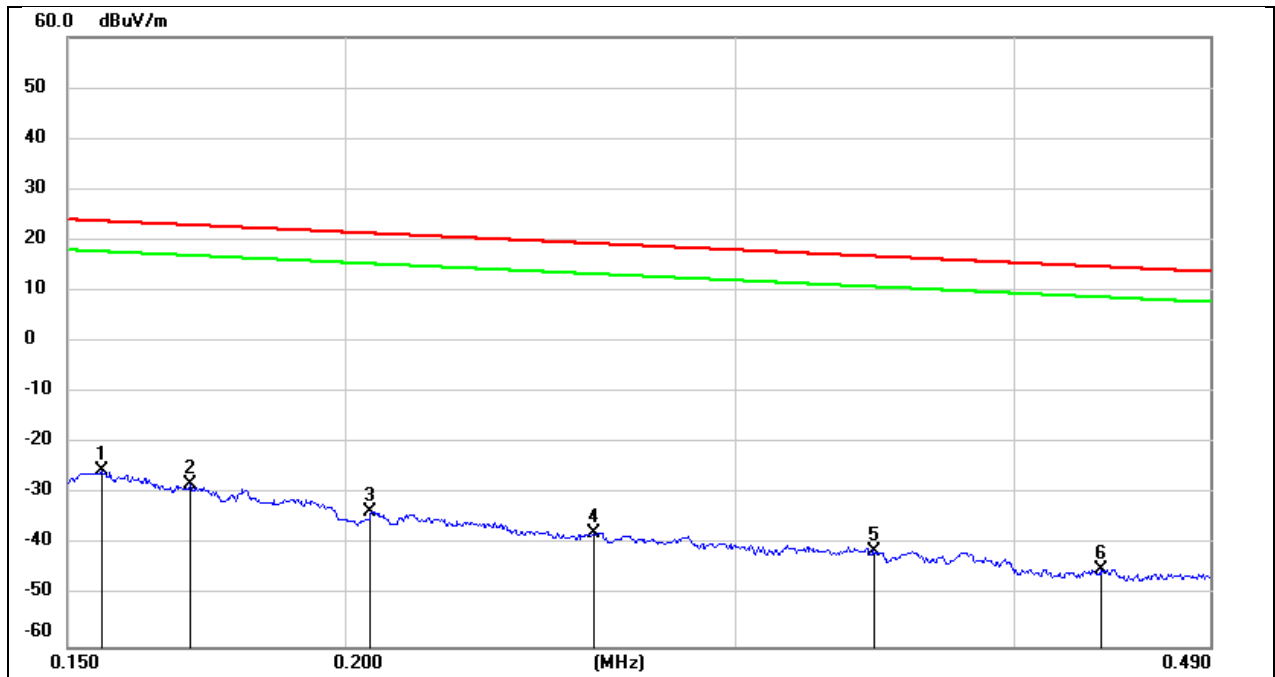
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



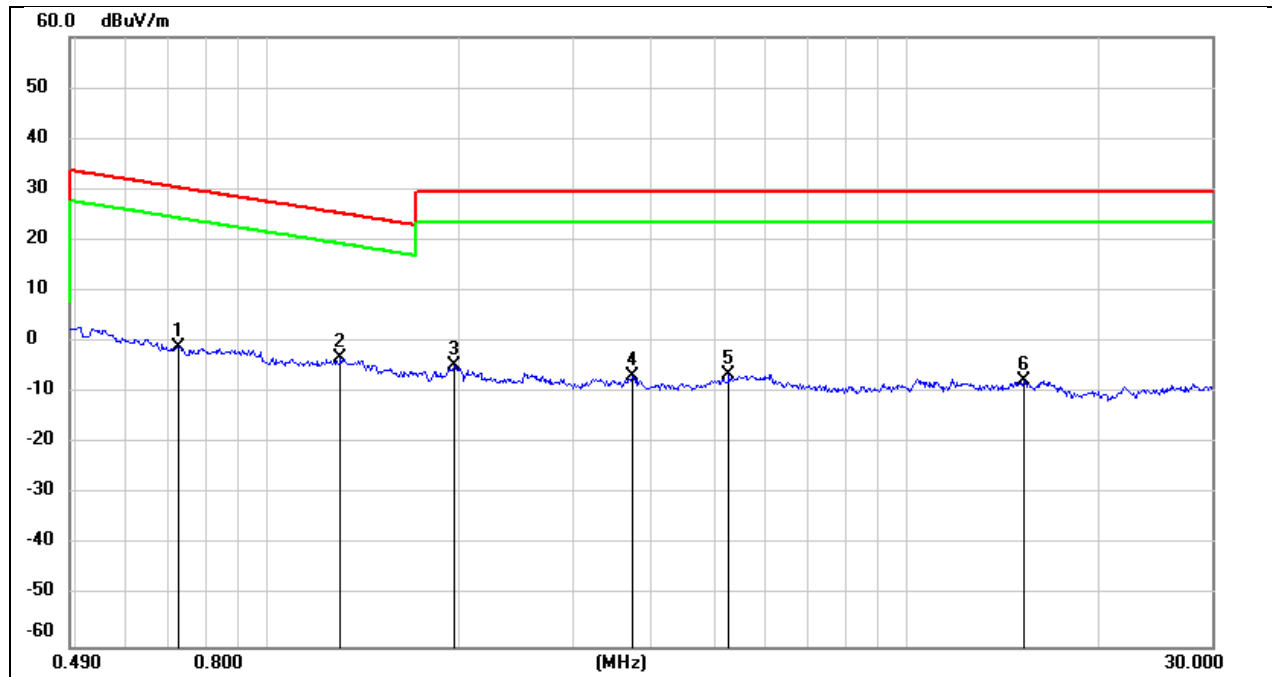
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0114	73.38	-101.40	-28.02	46.46	-79.52	-5.04	-74.48	peak
2	0.0206	69.71	-101.35	-31.64	41.32	-83.14	-10.18	-72.96	peak
3	0.0258	68.48	-101.37	-32.89	39.37	-84.39	-12.13	-72.26	peak
4	0.0434	65.04	-101.45	-36.41	34.85	-87.91	-16.65	-71.26	peak
5	0.0675	61.64	-101.56	-39.92	31.02	-91.42	-20.48	-70.94	peak
6	0.1440	56.32	-101.65	-45.33	24.43	-96.83	-27.07	-69.76	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1554	76.27	-101.65	-25.38	23.77	-76.88	-27.73	-49.15	peak
2	0.1703	73.62	-101.67	-28.05	22.98	-79.55	-28.52	-51.03	peak
3	0.2053	68.29	-101.73	-33.44	21.35	-84.94	-30.15	-54.79	peak
4	0.2590	64.29	-101.81	-37.52	19.34	-89.02	-32.16	-56.86	peak
5	0.3462	60.56	-101.90	-41.34	16.81	-92.84	-34.69	-58.15	peak
6	0.4375	57.20	-102.01	-44.81	14.78	-96.31	-36.72	-59.59	peak

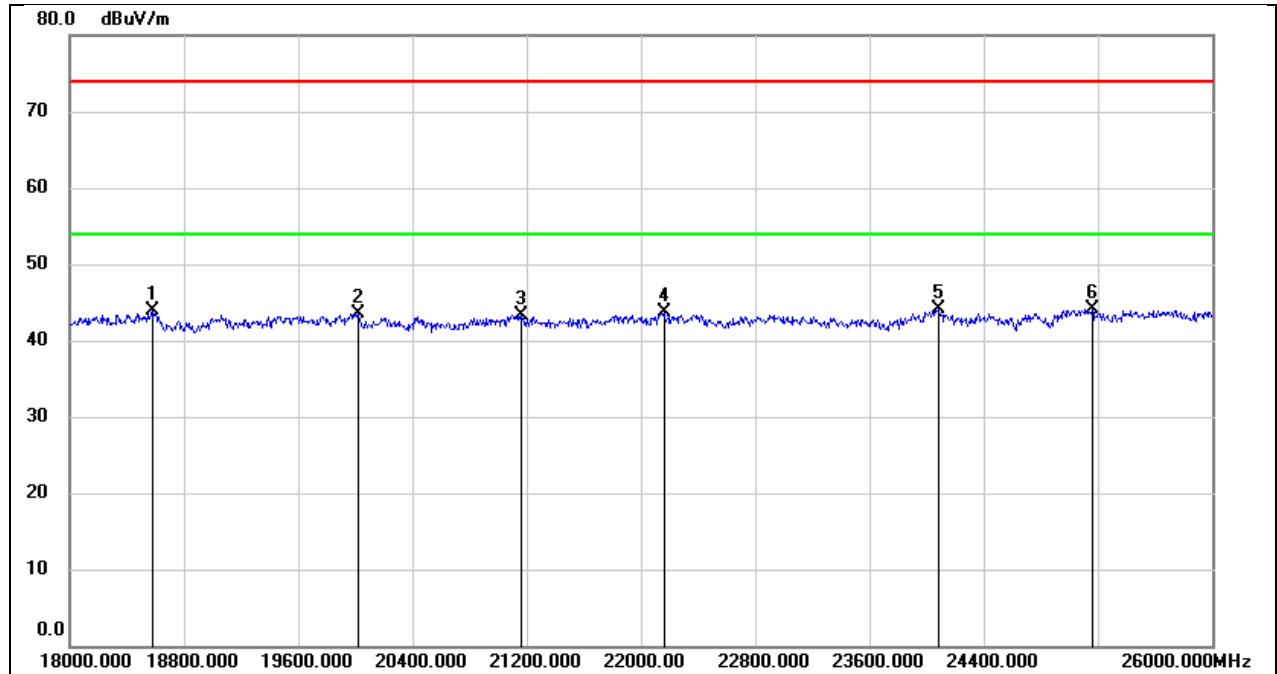
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.7258	61.11	-62.11	-1.00	30.39	-52.50	-21.11	-31.39	peak
2	1.2983	58.91	-62.14	-3.23	25.34	-54.73	-26.16	-28.57	peak
3	1.9516	57.11	-61.84	-4.73	29.54	-56.23	-21.96	-34.27	peak
4	3.7100	54.70	-61.41	-6.71	29.54	-58.21	-21.96	-36.25	peak
5	5.2705	55.04	-61.45	-6.41	29.54	-57.91	-21.96	-35.95	peak
6	15.2155	53.22	-61.01	-7.79	29.54	-59.29	-21.96	-37.33	peak

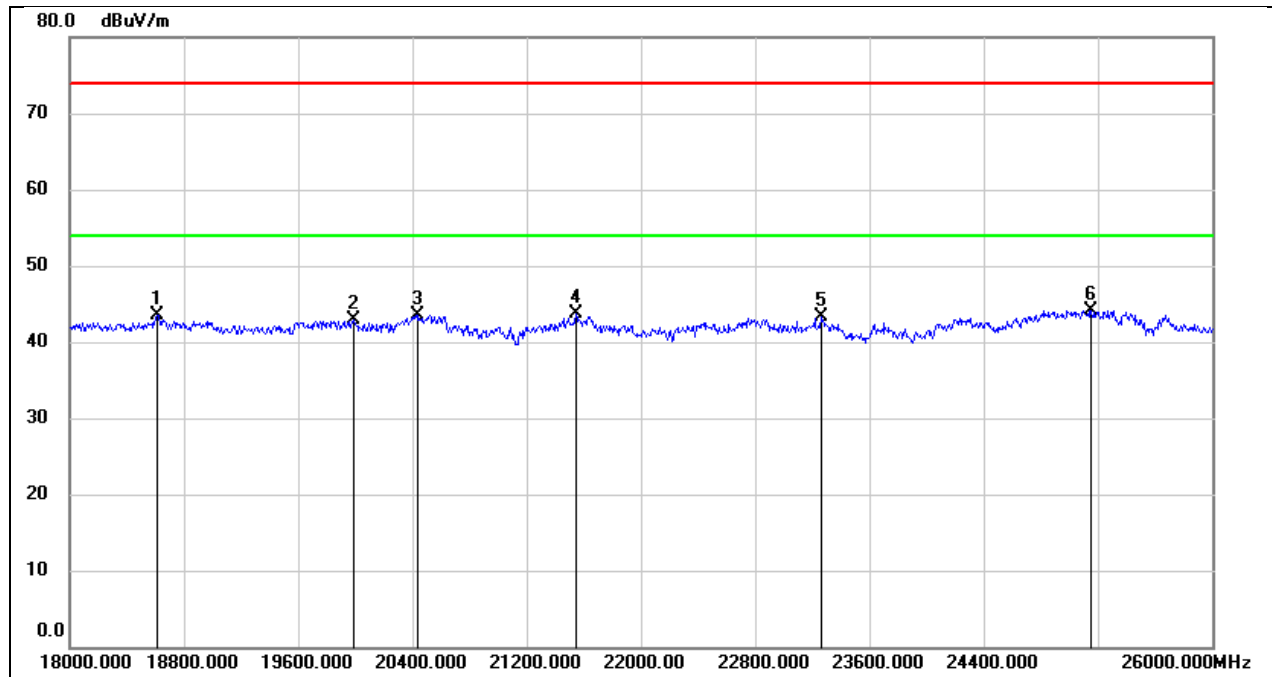
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18576.000	49.22	-5.30	43.92	74.00	-30.08	peak
2	20016.000	49.06	-5.47	43.59	74.00	-30.41	peak
3	21160.000	48.11	-4.80	43.31	74.00	-30.69	peak
4	22160.000	48.08	-4.31	43.77	74.00	-30.23	peak
5	24080.000	46.80	-2.78	44.02	74.00	-29.98	peak
6	25160.000	45.92	-1.83	44.09	74.00	-29.91	peak

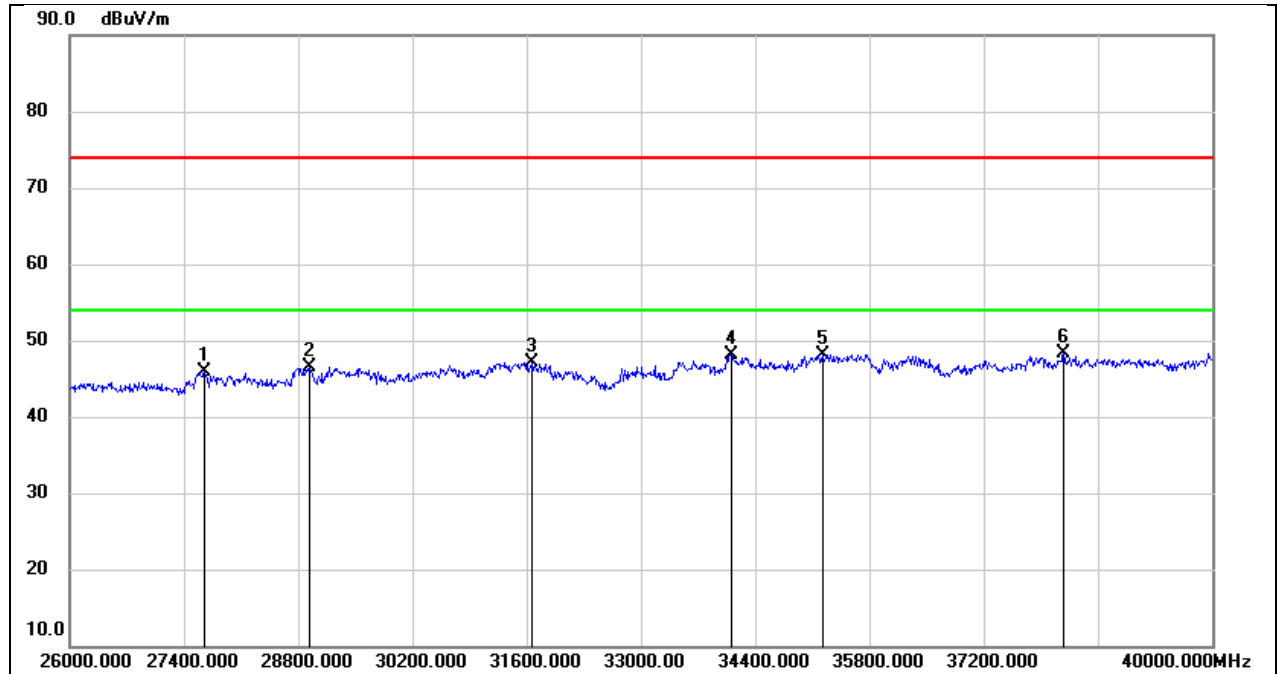
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	48.89	-5.34	43.55	74.00	-30.45	peak
2	19992.000	48.35	-5.45	42.90	74.00	-31.10	peak
3	20440.000	48.90	-5.41	43.49	74.00	-30.51	peak
4	21544.000	48.26	-4.63	43.63	74.00	-30.37	peak
5	23264.000	46.76	-3.36	43.40	74.00	-30.60	peak
6	25152.000	45.94	-1.84	44.10	74.00	-29.90	peak

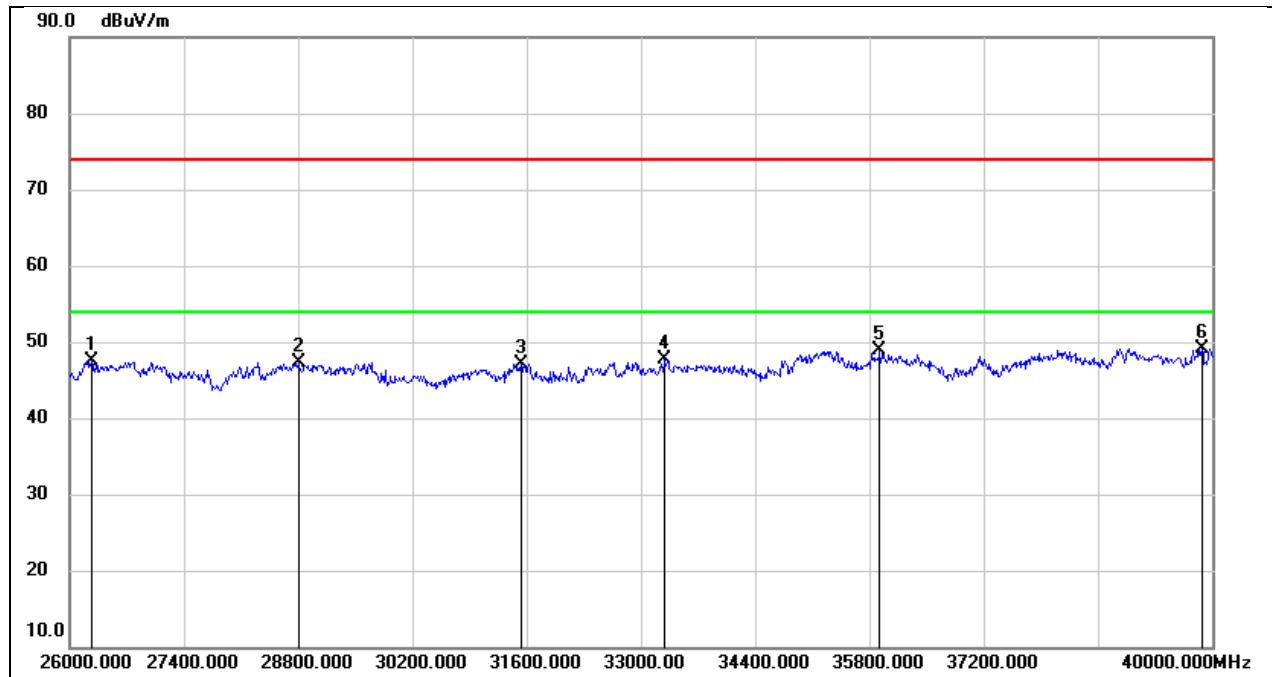
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27652.000	49.39	-3.49	45.90	74.00	-28.10	peak
2	28940.000	47.68	-1.20	46.48	74.00	-27.52	peak
3	31670.000	48.36	-1.21	47.15	74.00	-26.85	peak
4	34106.000	47.04	1.12	48.16	74.00	-25.84	peak
5	35226.000	45.56	2.53	48.09	74.00	-25.91	peak
6	38180.000	44.64	3.69	48.33	74.00	-25.67	peak

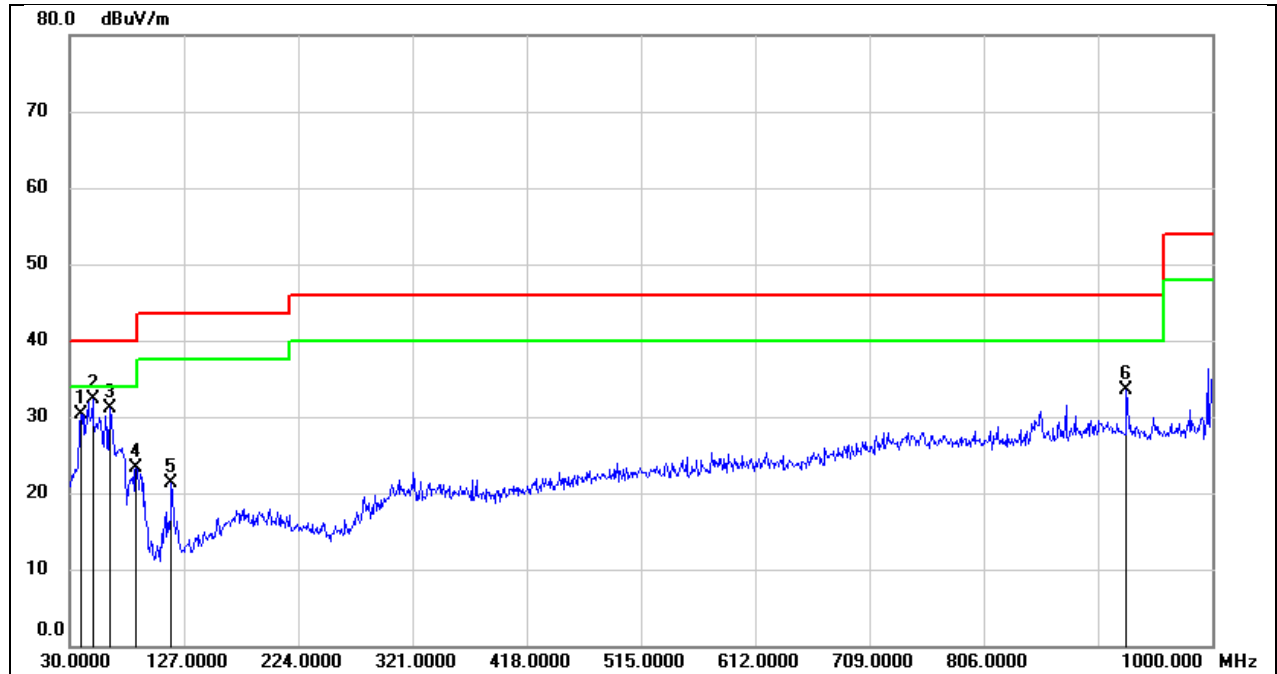
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26266.000	52.76	-5.32	47.44	74.00	-26.56	peak
2	28800.000	48.10	-0.70	47.40	74.00	-26.60	peak
3	31530.000	48.30	-1.21	47.09	74.00	-26.91	peak
4	33294.000	48.07	-0.29	47.78	74.00	-26.22	peak
5	35926.000	44.94	3.88	48.82	74.00	-25.18	peak
6	39874.000	44.15	4.98	49.13	74.00	-24.87	peak

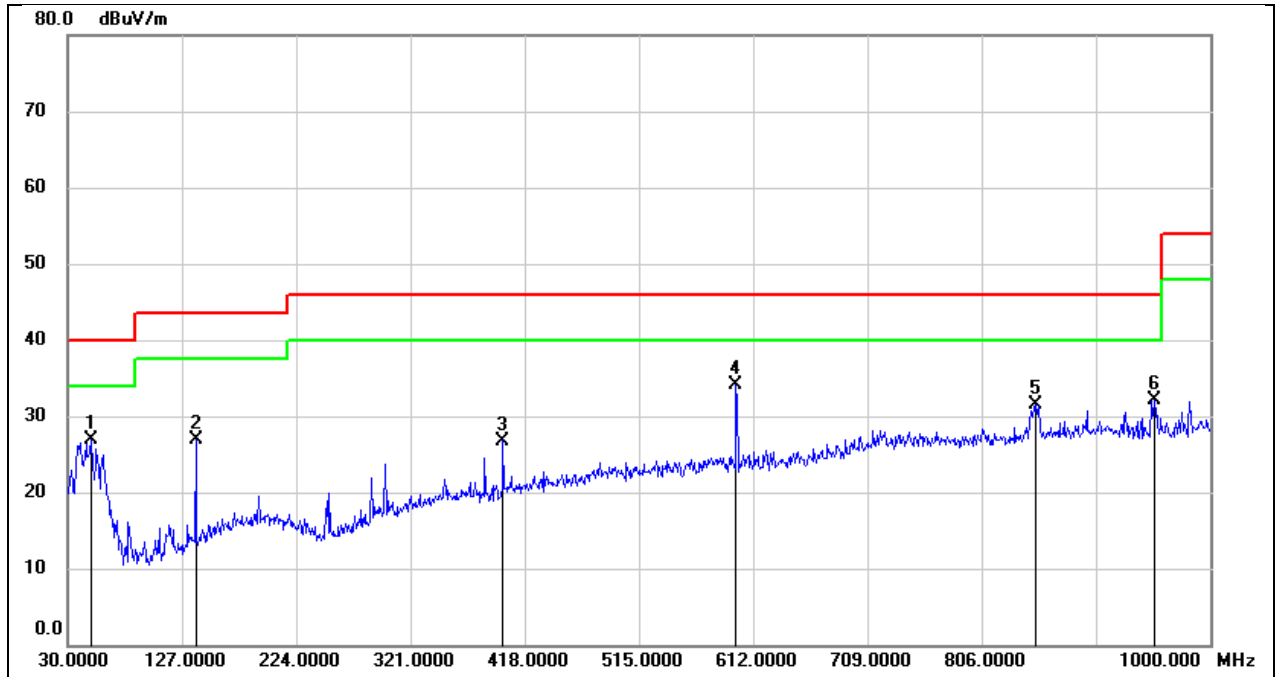
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	44.70	-14.36	30.34	40.00	-9.66	QP
2	49.4000	47.16	-14.86	32.30	40.00	-7.70	QP
3	63.9500	46.60	-15.40	31.20	40.00	-8.80	QP
4	86.2600	39.30	-16.00	23.30	40.00	-16.70	QP
5	116.3300	36.10	-14.81	21.29	43.50	-22.21	QP
6	927.2500	33.73	-0.17	33.56	46.00	-12.44	QP

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V

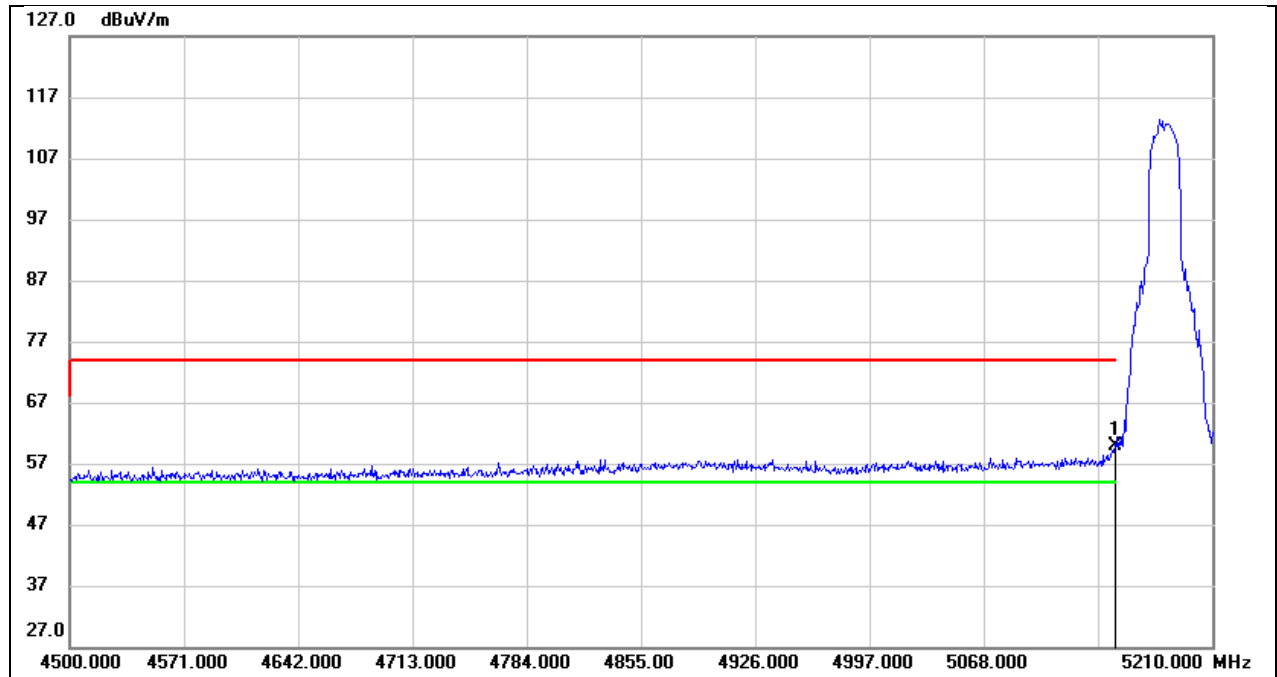


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	49.4000	41.73	-14.86	26.87	40.00	-13.13	QP
2	138.6400	40.50	-13.59	26.91	43.50	-16.59	QP
3	399.5700	35.43	-8.63	26.80	46.00	-19.20	QP
4	597.4500	38.95	-4.92	34.03	46.00	-11.97	QP
5	851.5900	32.46	-1.01	31.45	46.00	-14.55	QP
6	952.4700	32.53	-0.42	32.11	46.00	-13.89	QP

TEST RESULTS-Addition SISO

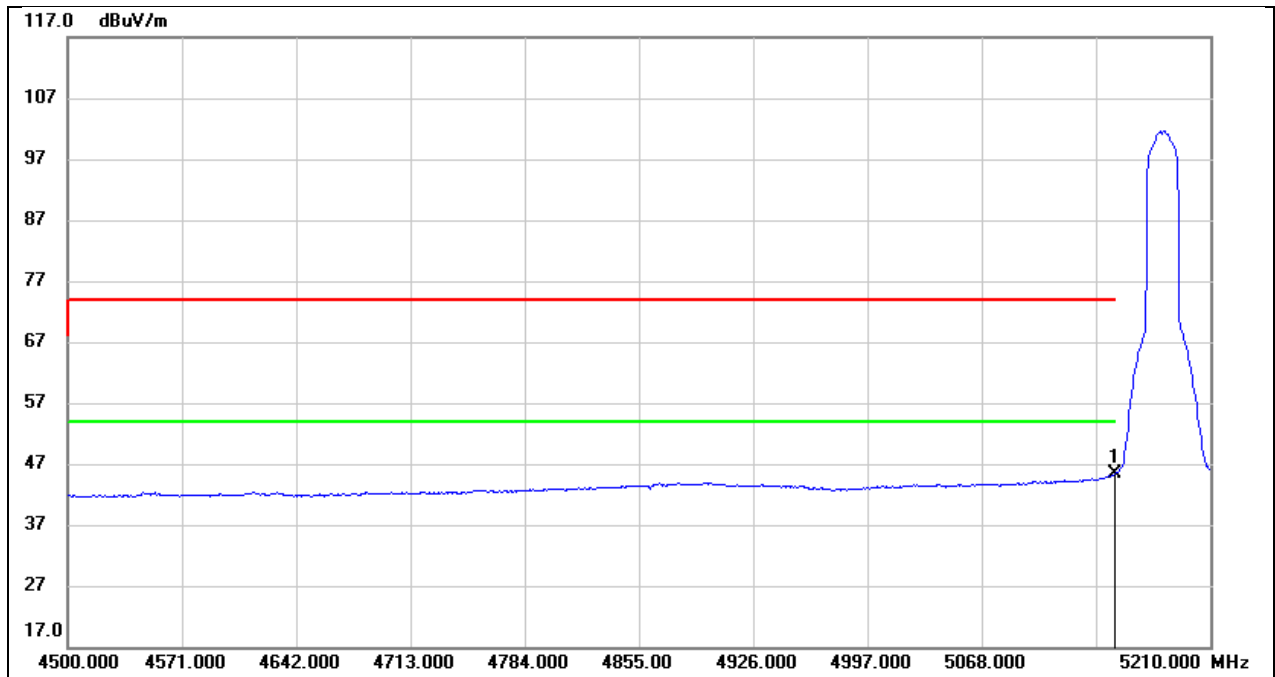
8.8. RESTRICTED BANDEDGE

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



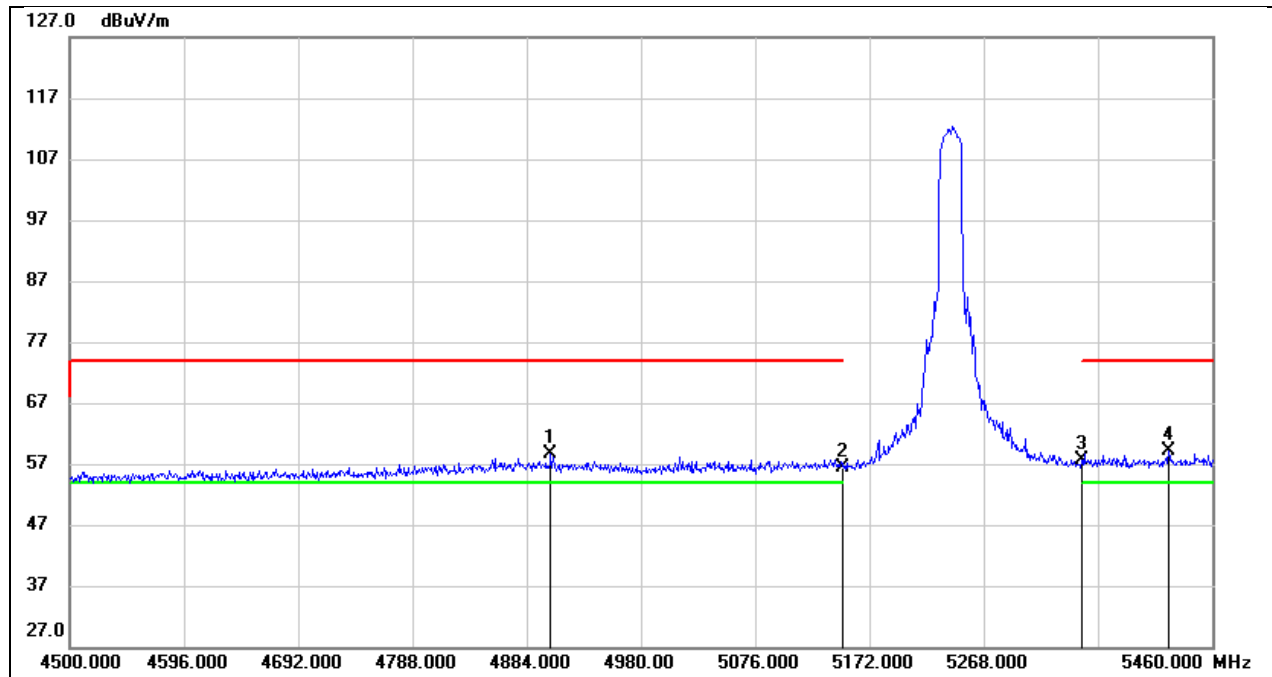
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	19.90	40.04	59.94	74.00	-14.06	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



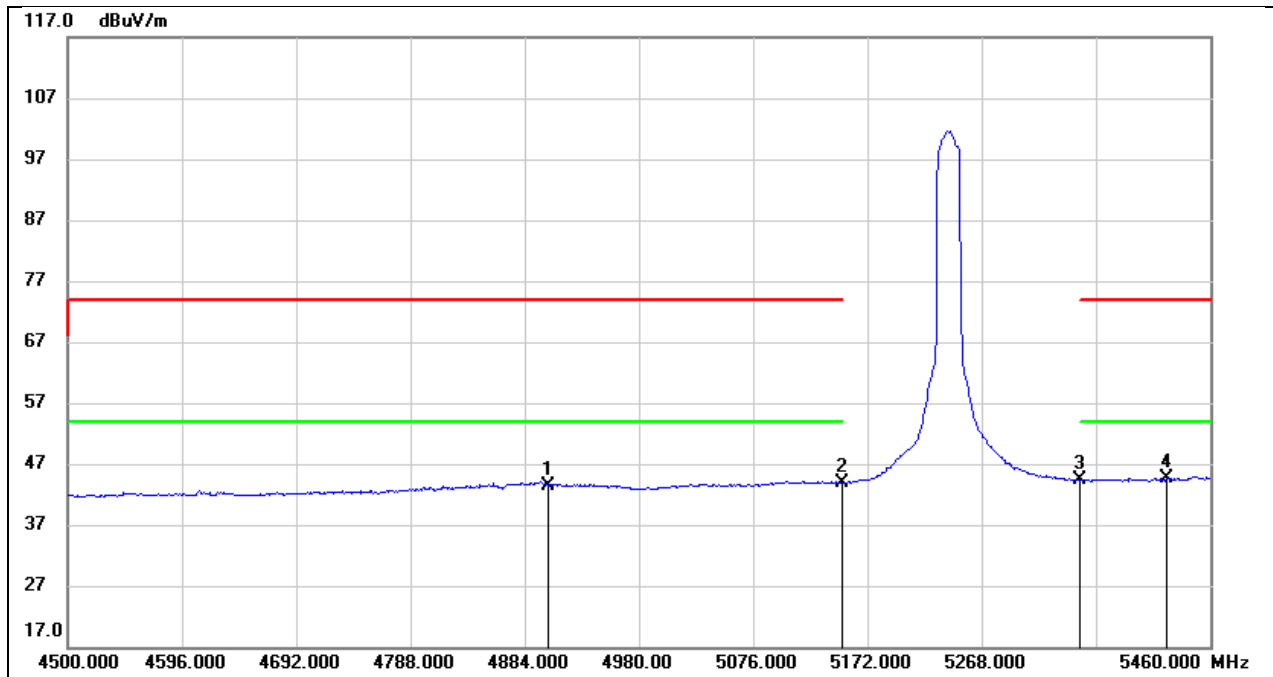
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	5.28	40.04	45.32	54.00	-8.68	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



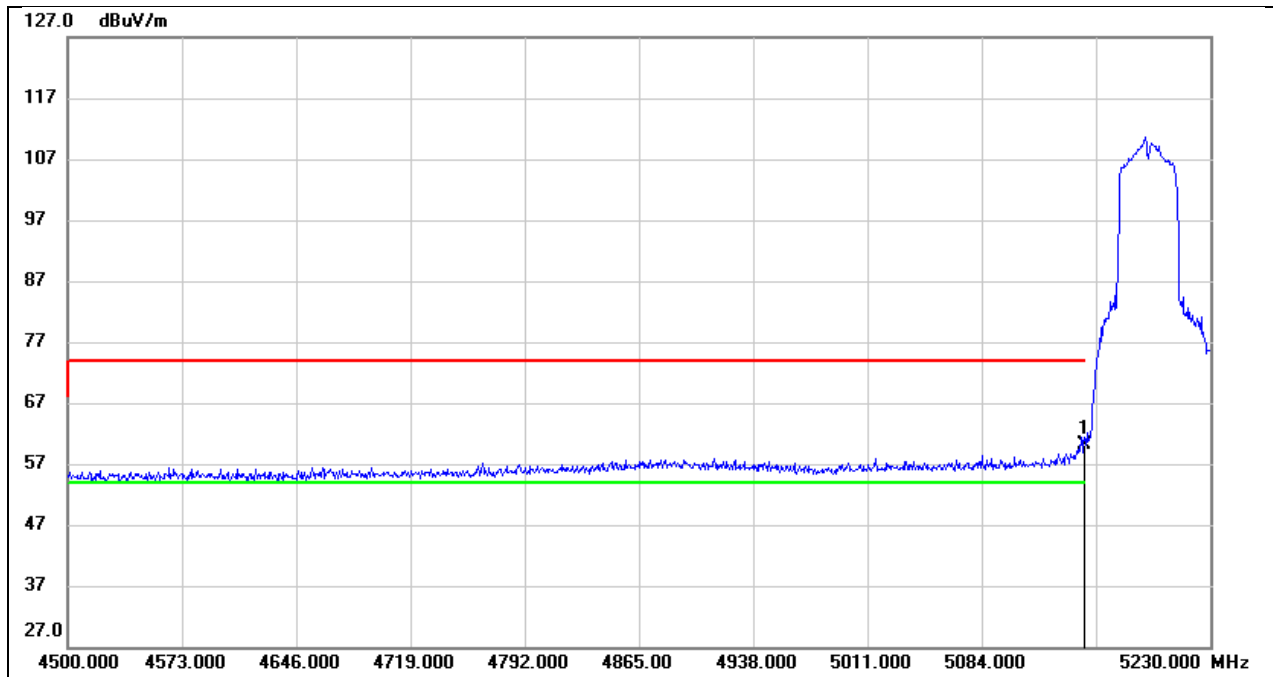
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.160	19.00	39.55	58.55	74.00	-15.45	peak
2	5150.000	16.23	40.04	56.27	74.00	-17.73	peak
3	5350.000	17.24	40.49	57.73	74.00	-16.27	peak
4	5423.520	18.35	40.68	59.03	74.00	-14.97	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



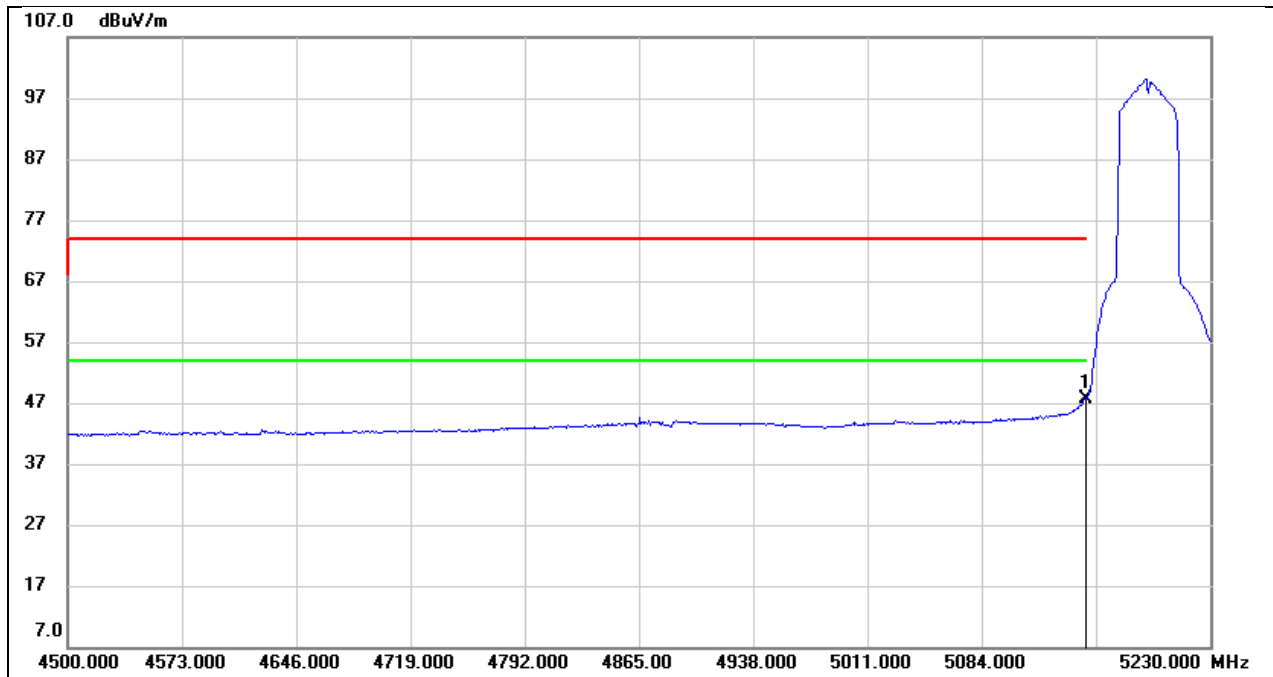
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.160	3.93	39.55	43.48	54.00	-10.52	AVG
2	5150.000	3.84	40.04	43.88	54.00	-10.12	AVG
3	5350.000	3.80	40.49	44.29	54.00	-9.71	AVG
4	5423.520	3.87	40.68	44.55	54.00	-9.45	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



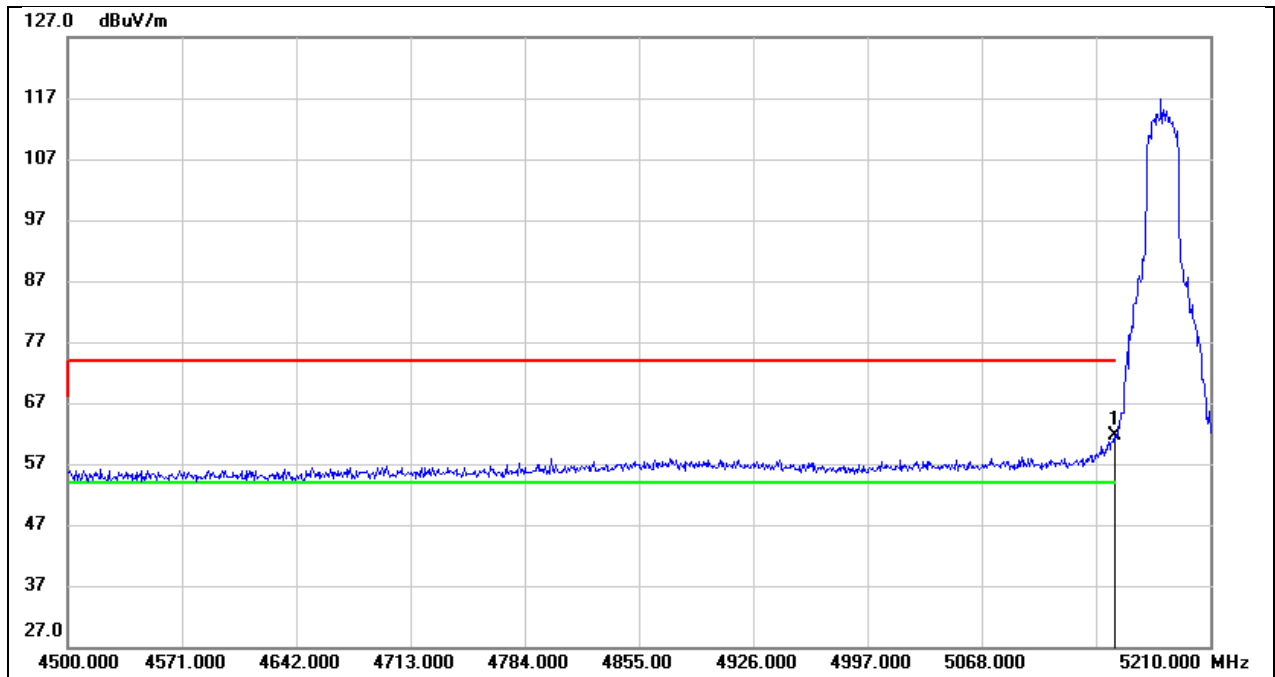
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.20	40.04	60.24	74.00	-13.76	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



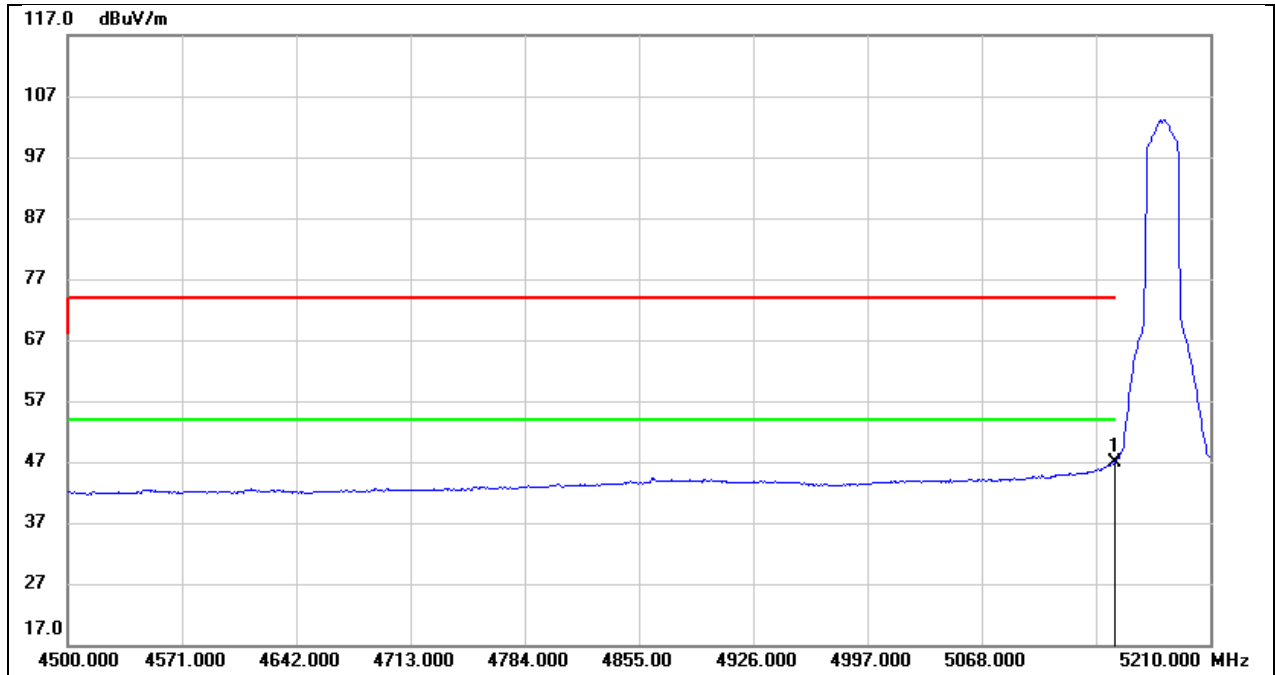
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.64	40.04	47.68	54.00	-6.32	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



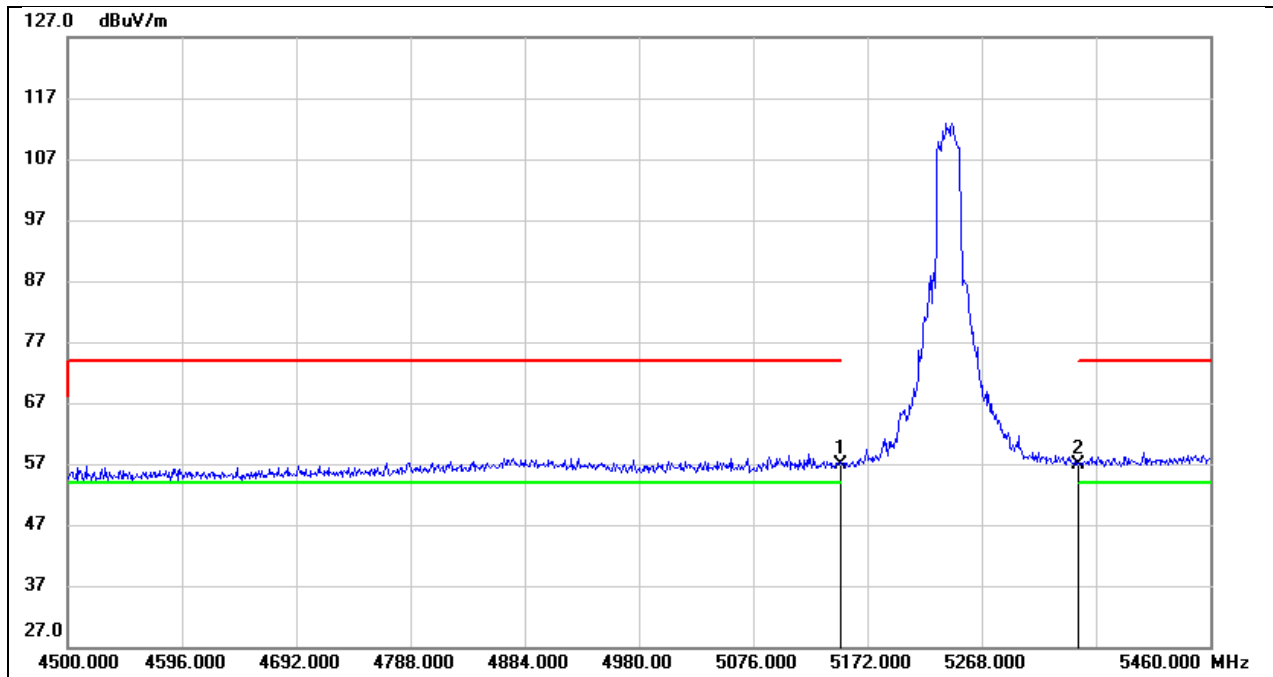
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.69	40.04	61.73	74.00	-12.27	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



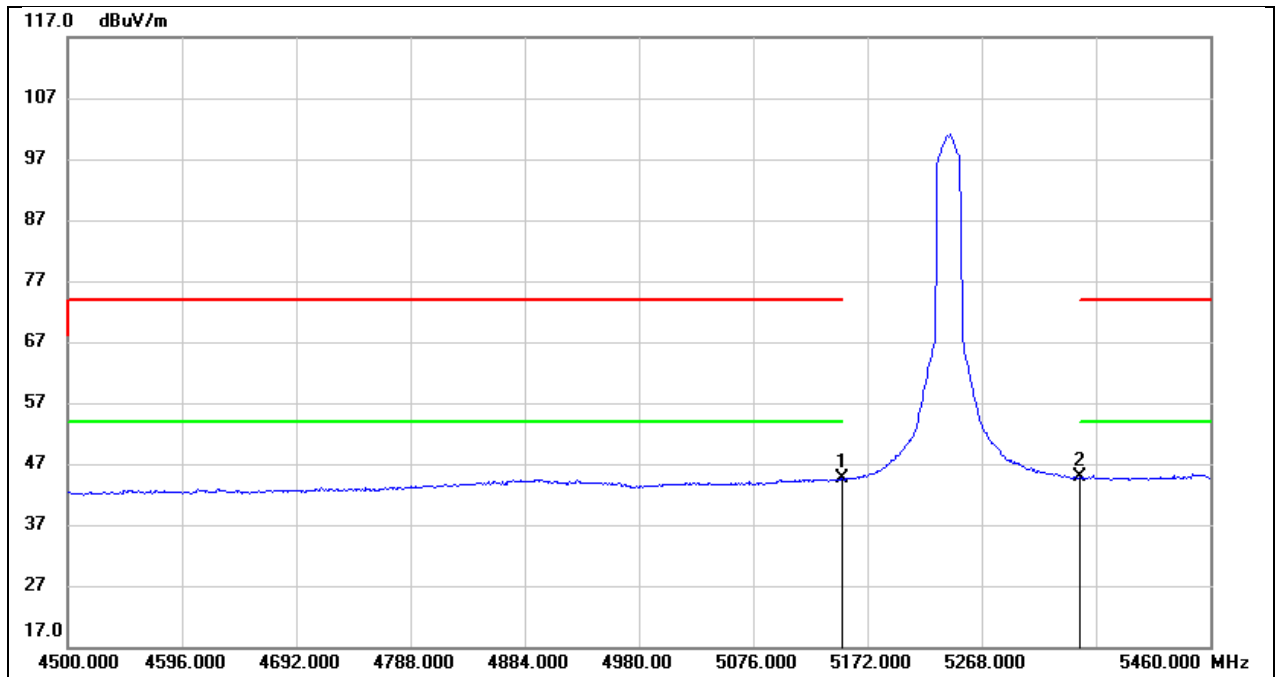
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	6.92	40.04	46.96	54.00	-7.04	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



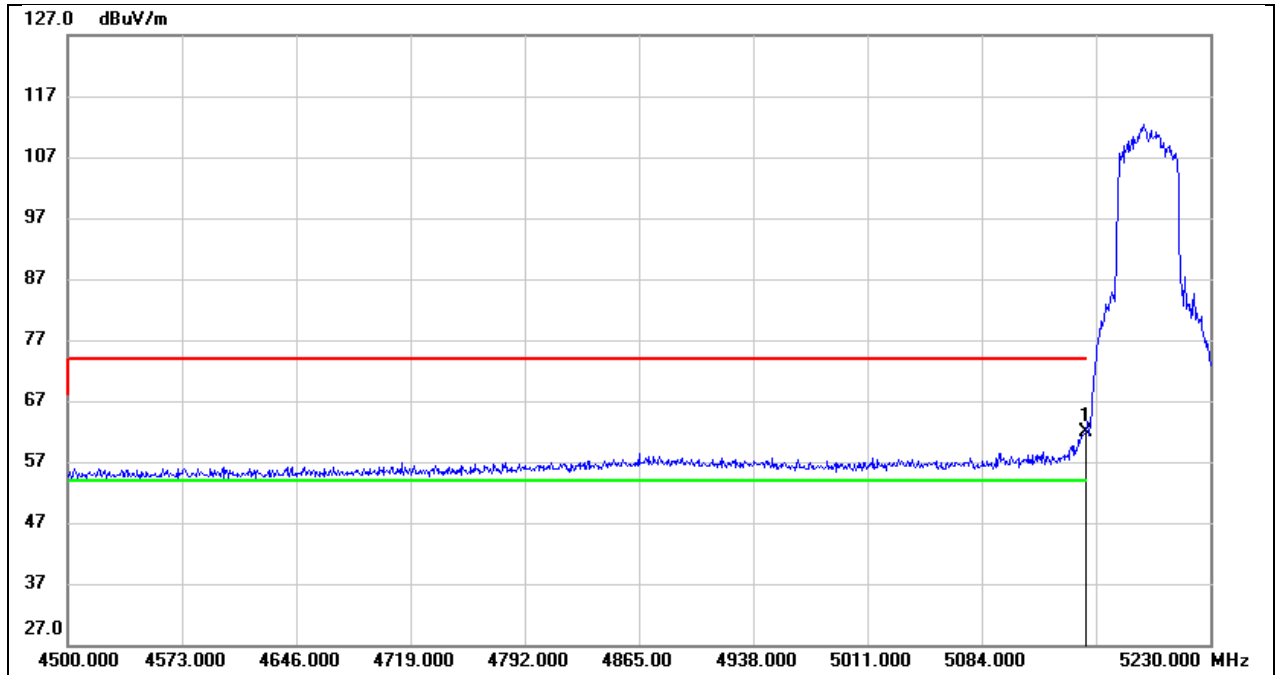
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	16.95	40.04	56.99	74.00	-17.01	peak
2	5350.000	16.35	40.49	56.84	74.00	-17.16	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



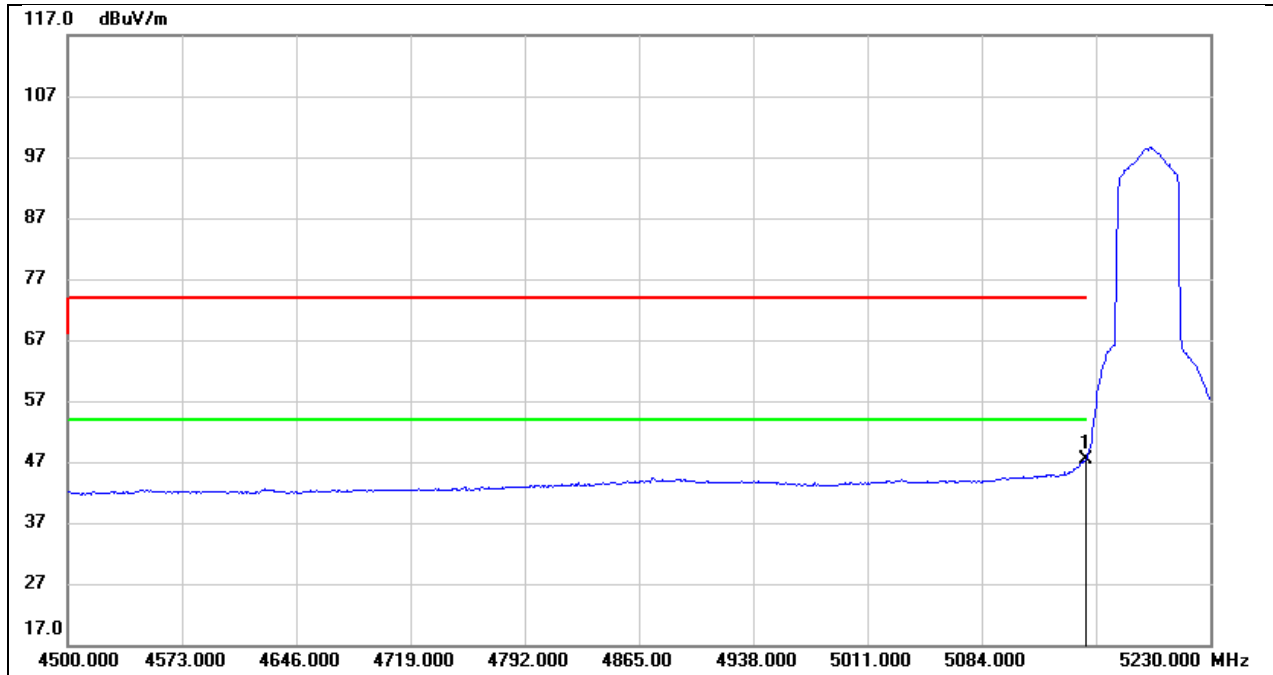
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	4.69	40.04	44.73	54.00	-9.27	AVG
2	5350.000	4.42	40.49	44.91	54.00	-9.09	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



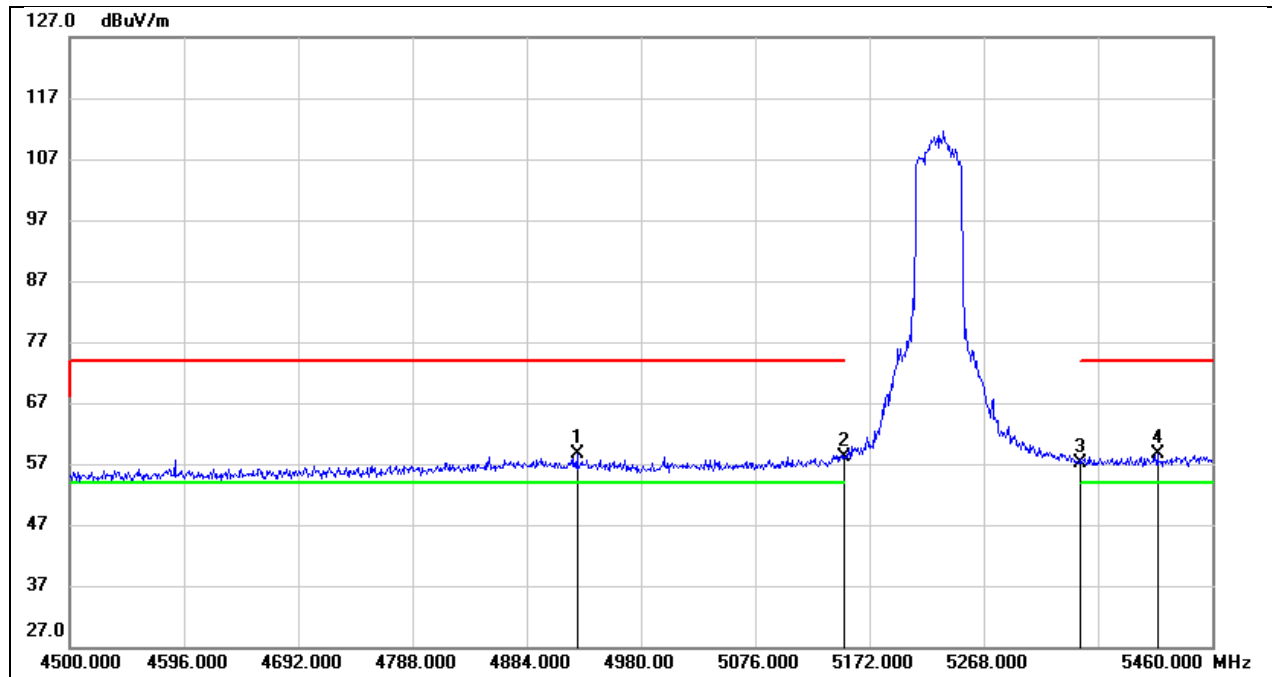
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.92	40.04	61.96	74.00	-12.04	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



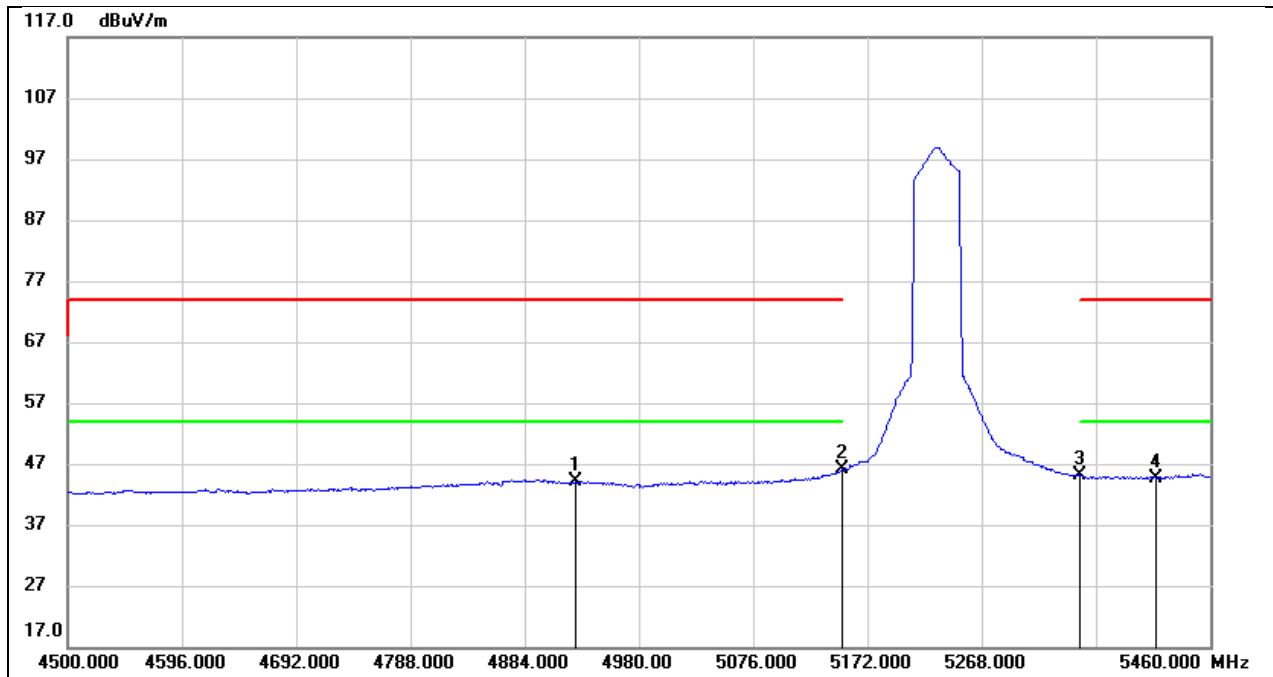
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.35	40.04	47.39	54.00	-6.61	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



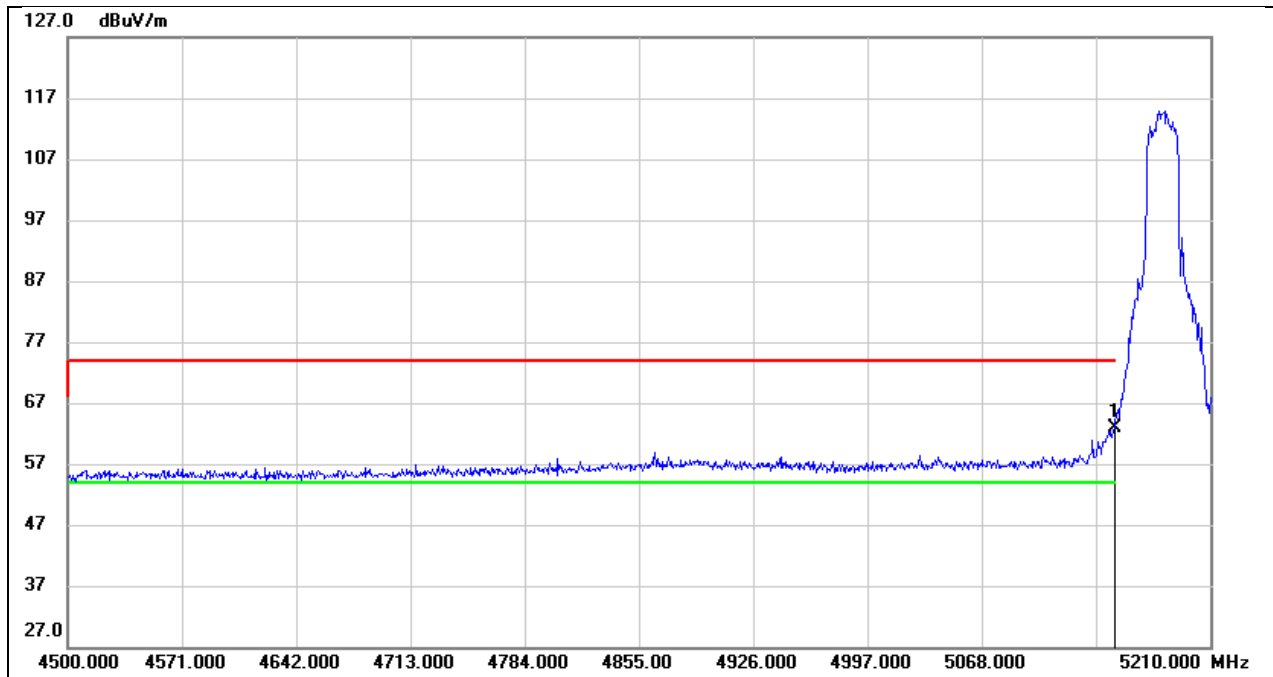
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4926.240	18.98	39.61	58.59	74.00	-15.41	peak
2	5150.000	18.10	40.04	58.14	74.00	-15.86	peak
3	5350.000	16.63	40.49	57.12	74.00	-16.88	peak
4	5413.920	17.90	40.66	58.56	74.00	-15.44	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



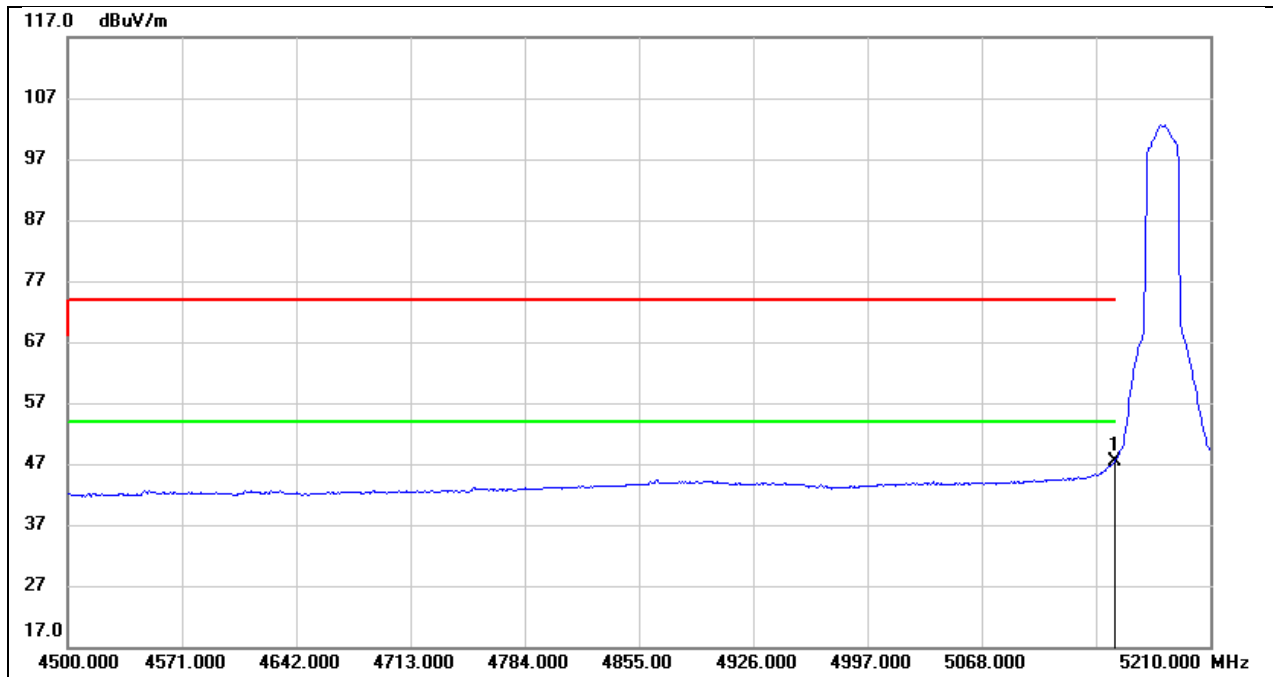
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4926.240	4.48	39.61	44.09	54.00	-9.91	AVG
2	5150.000	5.98	40.04	46.02	54.00	-7.98	AVG
3	5350.000	4.62	40.49	45.11	54.00	-8.89	AVG
4	5413.920	4.04	40.66	44.70	54.00	-9.30	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



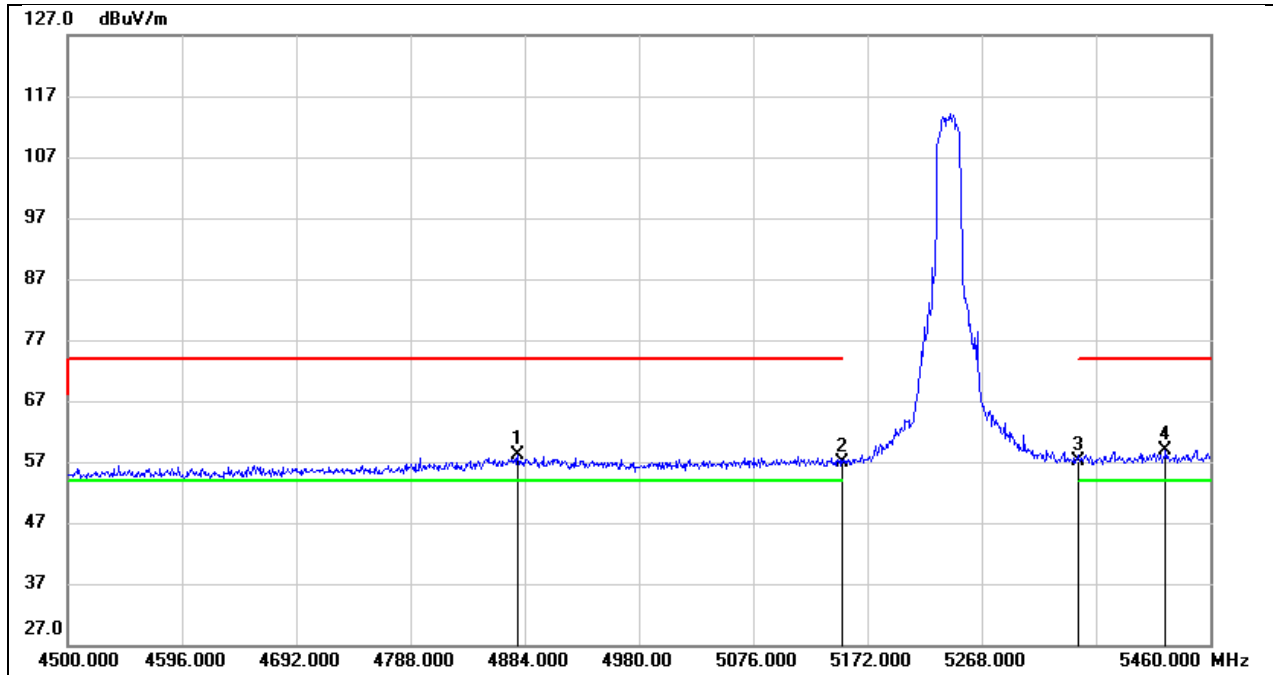
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	22.91	40.04	62.95	74.00	-11.05	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



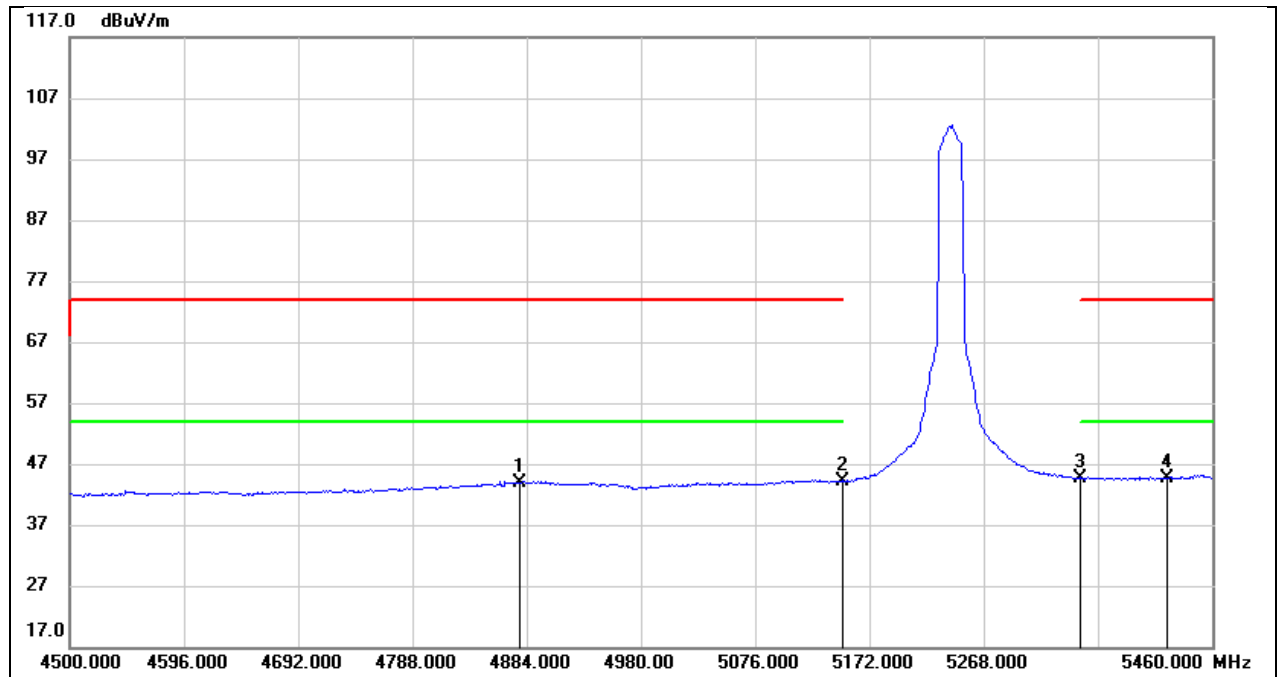
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.31	40.04	47.35	54.00	-6.65	AVG

Test Mode:	802.11be EHT20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



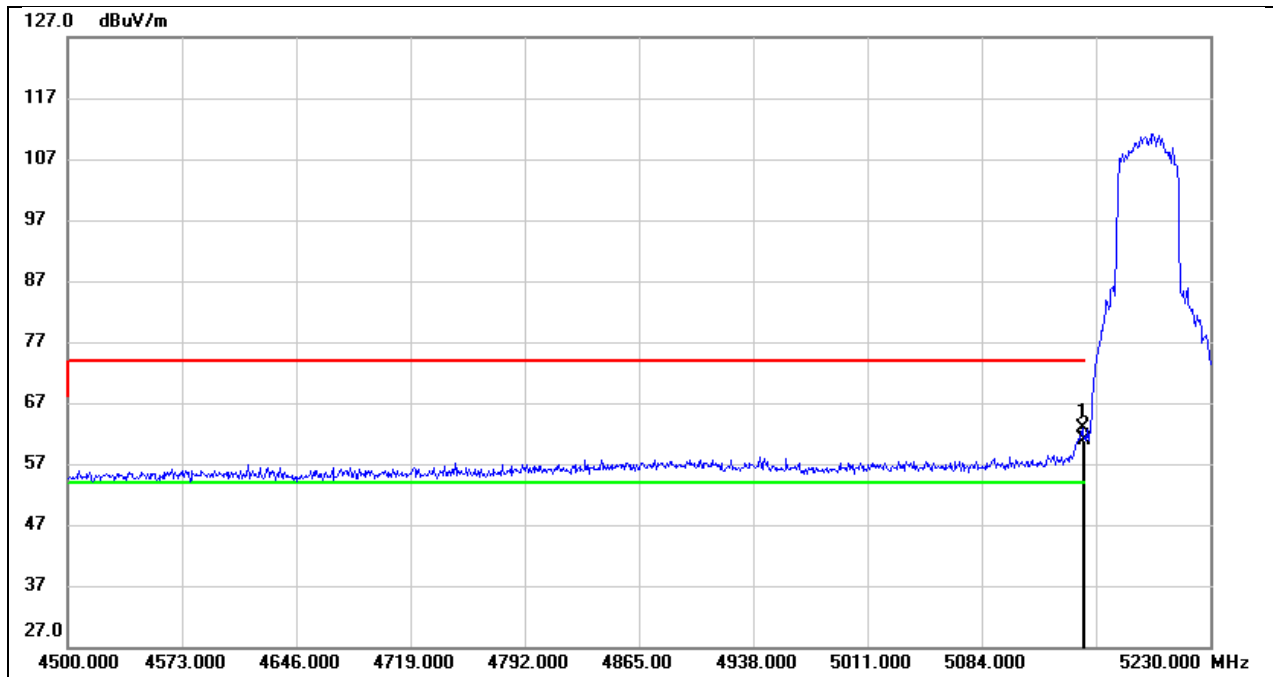
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4878.240	18.71	39.48	58.19	74.00	-15.81	peak
2	5150.000	16.93	40.04	56.97	74.00	-17.03	peak
3	5350.000	16.60	40.49	57.09	74.00	-16.91	peak
4	5422.560	18.31	40.68	58.99	74.00	-15.01	peak

Test Mode:	802.11be EHT20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



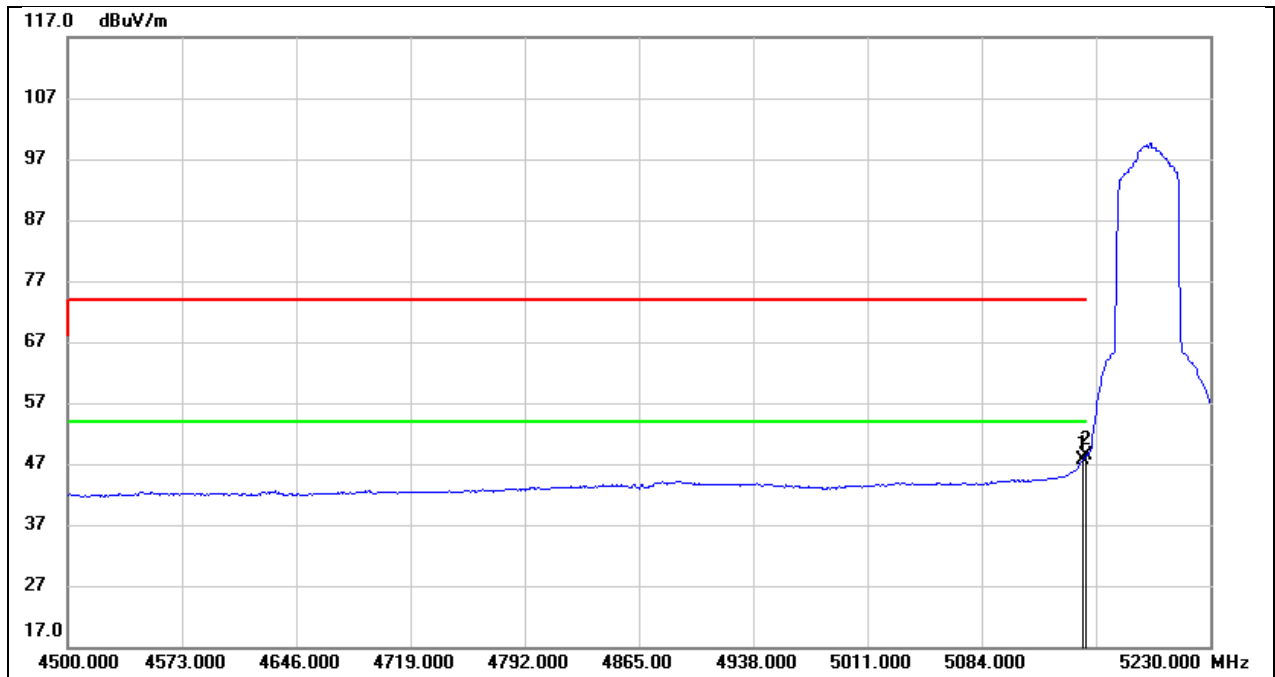
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4878.240	4.49	39.48	43.97	54.00	-10.03	AVG
2	5150.000	4.06	40.04	44.10	54.00	-9.90	AVG
3	5350.000	4.17	40.49	44.66	54.00	-9.34	AVG
4	5422.560	3.95	40.68	44.63	54.00	-9.37	AVG

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



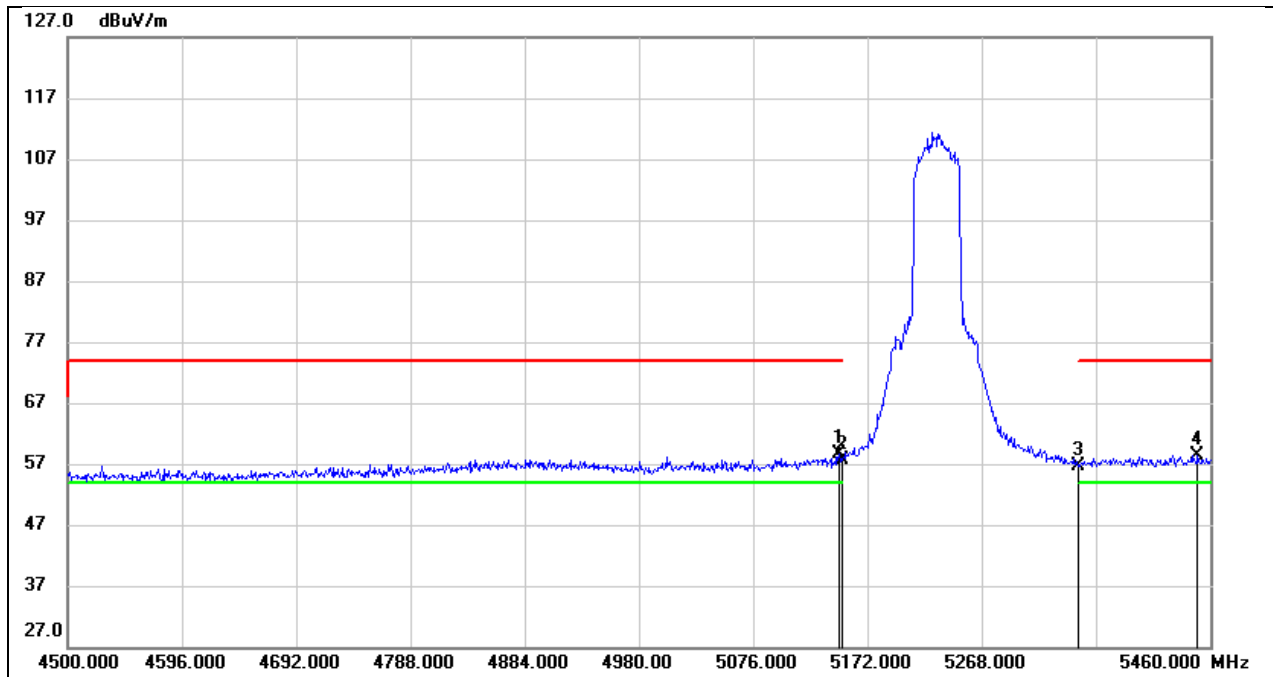
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.240	22.82	40.04	62.86	74.00	-11.14	peak
2	5150.000	20.88	40.04	60.92	74.00	-13.08	peak

Test Mode:	802.11be EHT40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



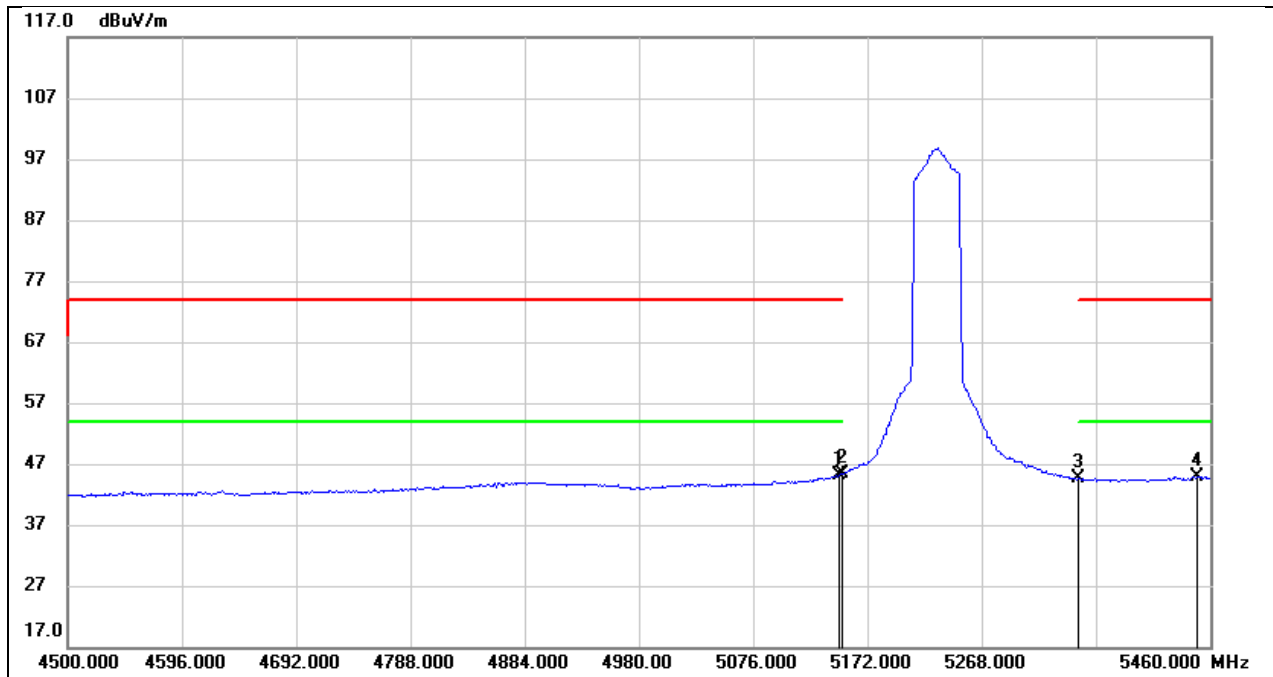
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.240	7.57	40.04	47.61	54.00	-6.39	AVG
2	5150.000	8.24	40.04	48.28	54.00	-5.72	AVG

Test Mode:	802.11be EHT40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



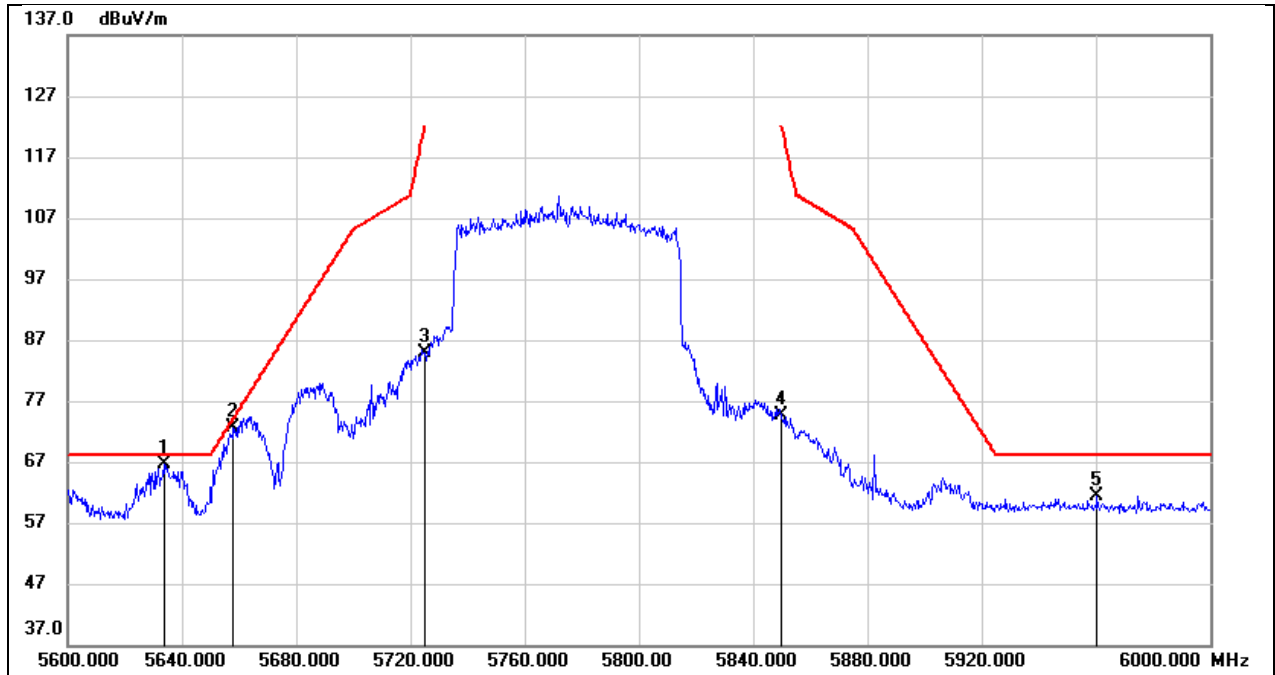
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	18.51	40.04	58.55	74.00	-15.45	peak
2	5150.000	17.57	40.04	57.61	74.00	-16.39	peak
3	5350.000	16.16	40.49	56.65	74.00	-17.35	peak
4	5449.440	17.74	40.74	58.48	74.00	-15.52	peak

Test Mode:	802.11be EHT40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	5.07	40.04	45.11	54.00	-8.89	AVG
2	5150.000	5.43	40.04	45.47	54.00	-8.53	AVG
3	5350.000	4.04	40.49	44.53	54.00	-9.47	AVG
4	5449.440	4.03	40.74	44.77	54.00	-9.23	AVG

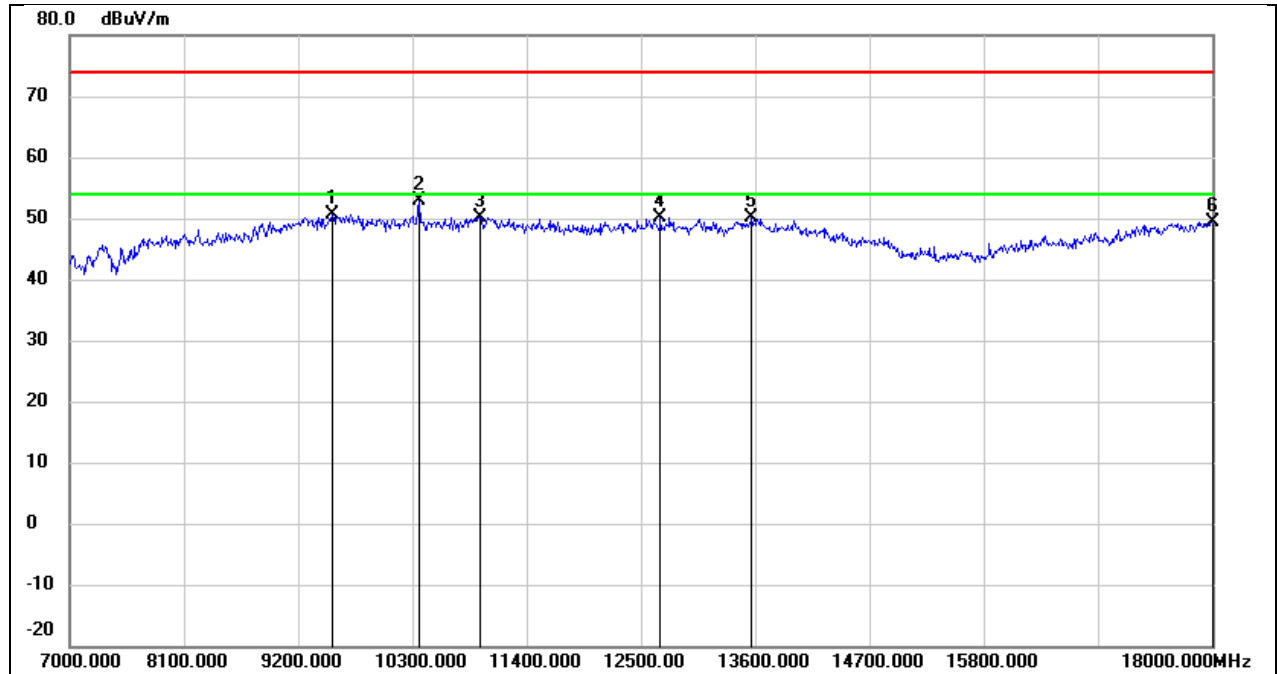
Test Mode:	802.11be EHT80 PK	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5633.600	25.51	41.12	66.63	68.20	-1.57	peak
2	5658.000	31.45	41.14	72.59	74.14	-1.55	peak
3	5725.000	43.66	41.20	84.86	122.20	-37.34	peak
4	5850.000	33.39	41.36	74.75	122.20	-47.45	peak
5	5960.400	19.74	41.57	61.31	68.20	-6.89	peak

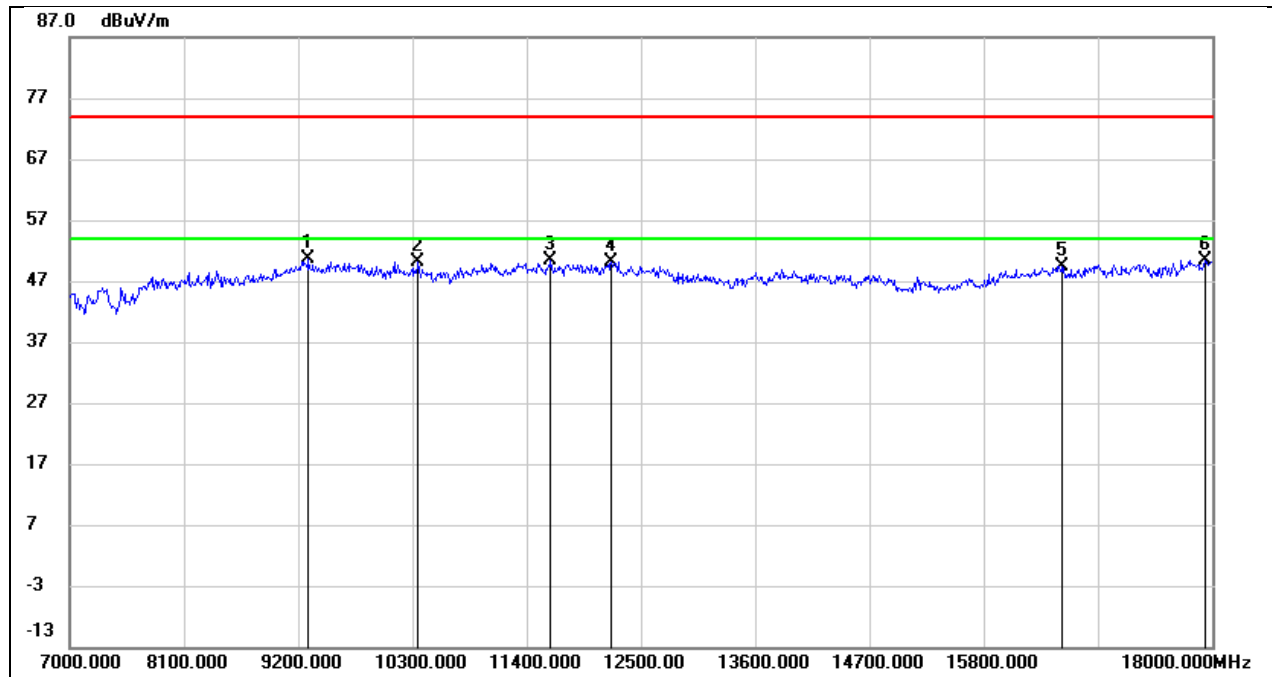
8.9. SPURIOUS EMISSIONS(7 GHZ~18 GHZ)

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



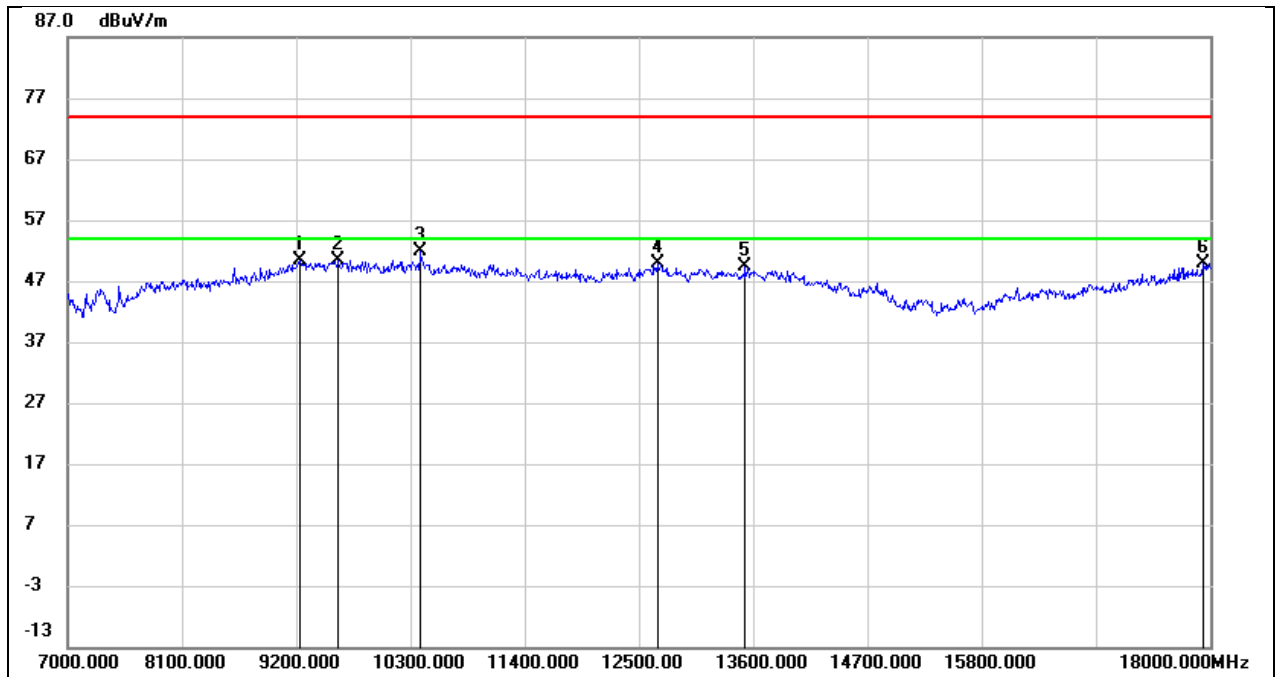
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9530.000	37.56	13.04	50.60	74.00	-23.40	peak
2	10366.000	39.57	13.32	52.89	74.00	-21.11	peak
3	10949.000	35.32	14.89	50.21	74.00	-23.79	peak
4	12687.000	30.60	19.52	50.12	74.00	-23.88	peak
5	13567.000	27.89	22.16	50.05	74.00	-23.95	peak
6	18000.000	19.84	29.61	49.45	74.00	-24.55	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



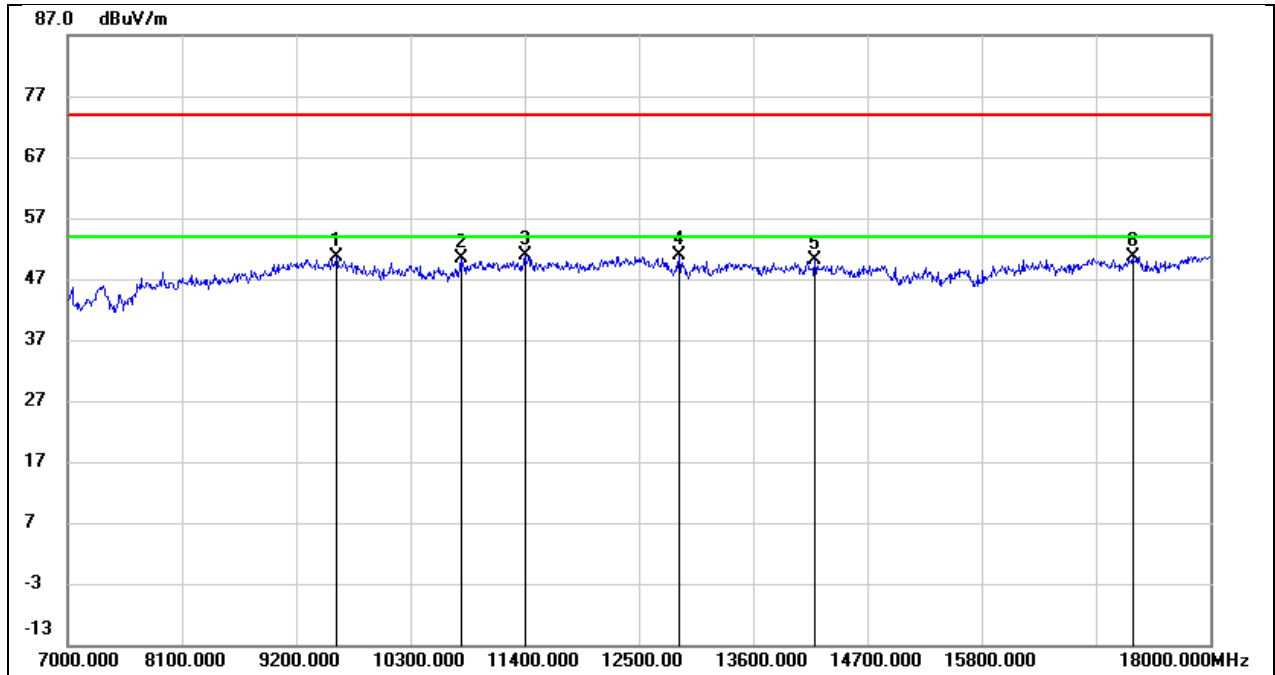
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	38.56	12.04	50.60	74.00	-23.40	peak
2	10355.000	37.14	12.97	50.11	74.00	-23.89	peak
3	11631.000	33.62	16.68	50.30	74.00	-23.70	peak
4	12214.000	32.38	17.71	50.09	74.00	-23.91	peak
5	16559.000	25.90	23.54	49.44	74.00	-24.56	peak
6	17934.000	23.42	27.00	50.42	74.00	-23.58	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



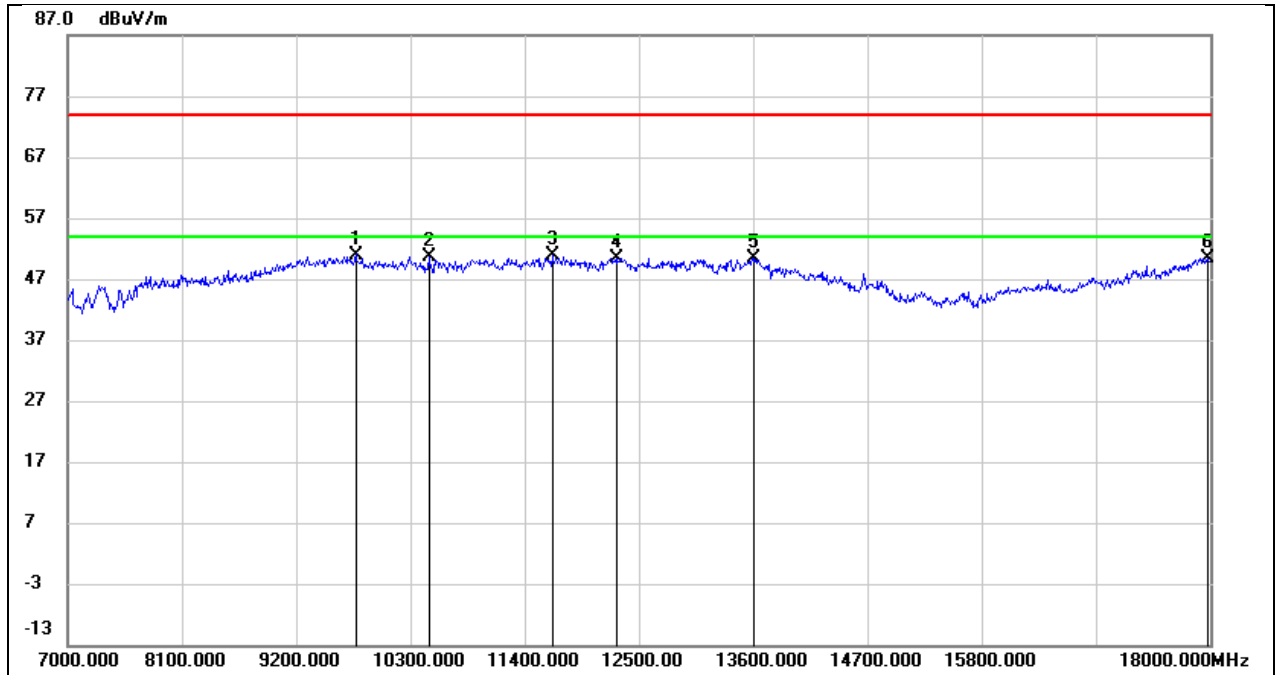
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	38.79	11.66	50.45	74.00	-23.55	peak
2	9607.000	36.90	13.48	50.38	74.00	-23.62	peak
3	10399.000	38.43	13.35	51.78	74.00	-22.22	peak
4	12676.000	30.36	19.48	49.84	74.00	-24.16	peak
5	13523.000	27.24	22.08	49.32	74.00	-24.68	peak
6	17934.000	21.04	28.91	49.95	74.00	-24.05	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



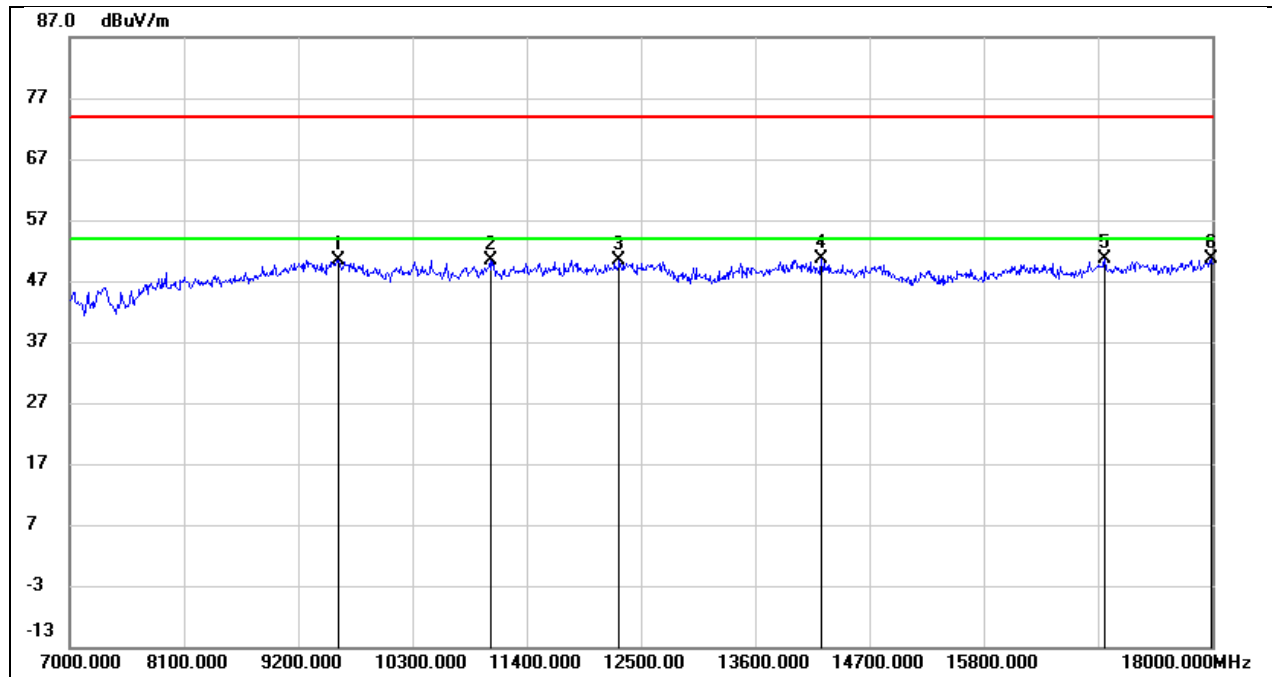
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9585.000	37.30	13.26	50.56	74.00	-23.44	peak
2	10784.000	36.43	13.83	50.26	74.00	-23.74	peak
3	11400.000	34.90	16.00	50.90	74.00	-23.10	peak
4	12885.000	32.06	18.89	50.95	74.00	-23.05	peak
5	14194.000	28.41	21.71	50.12	74.00	-23.88	peak
6	17252.000	25.75	24.94	50.69	74.00	-23.31	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



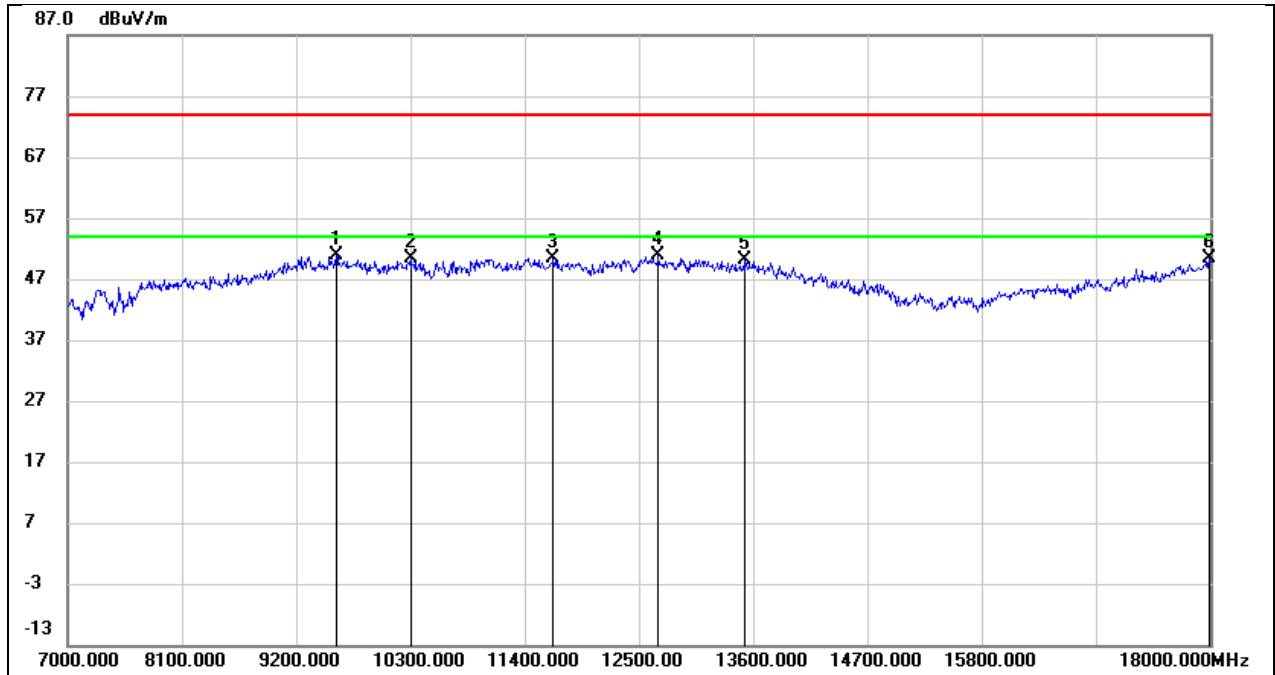
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9772.000	37.25	13.75	51.00	74.00	-23.00	peak
2	10476.000	37.25	13.49	50.74	74.00	-23.26	peak
3	11664.000	32.78	18.05	50.83	74.00	-23.17	peak
4	12280.000	31.58	18.82	50.40	74.00	-23.60	peak
5	13600.000	28.24	22.22	50.46	74.00	-23.54	peak
6	17978.000	21.04	29.38	50.42	74.00	-23.58	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



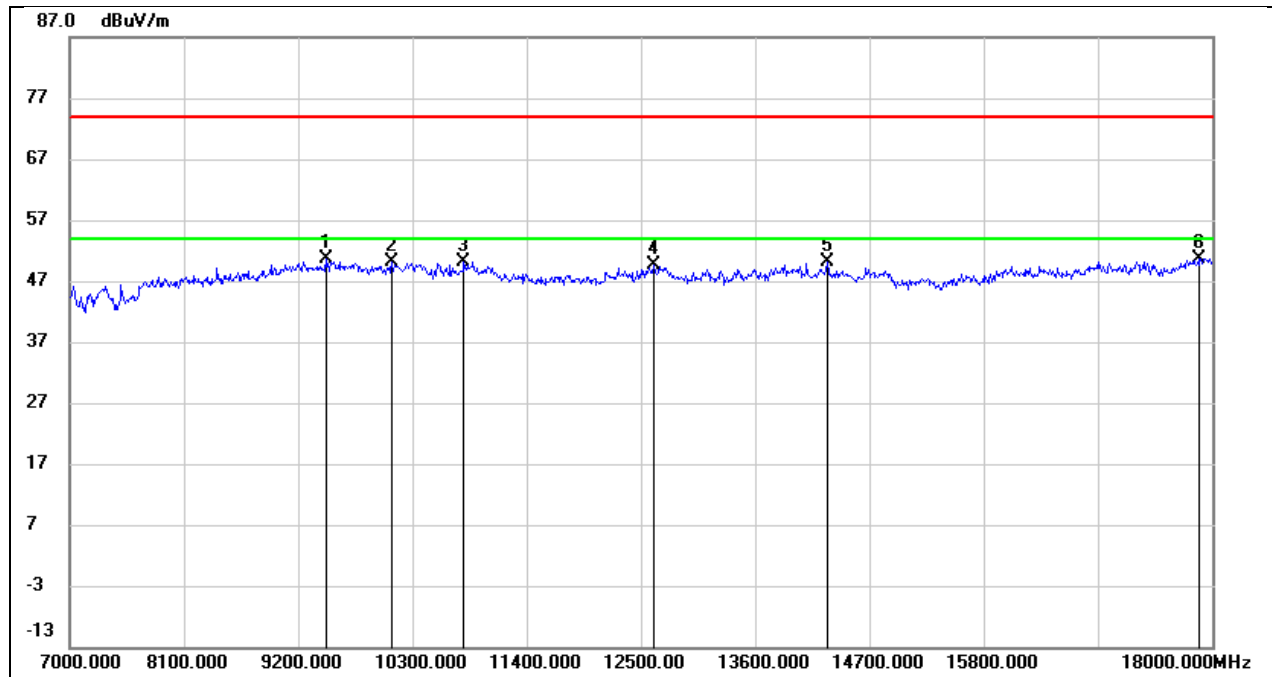
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9585.000	37.24	13.26	50.50	74.00	-23.50	peak
2	11048.000	36.02	14.46	50.48	74.00	-23.52	peak
3	12291.000	32.48	17.85	50.33	74.00	-23.67	peak
4	14238.000	28.96	21.58	50.54	74.00	-23.46	peak
5	16966.000	26.24	24.36	50.60	74.00	-23.40	peak
6	17989.000	23.38	27.33	50.71	74.00	-23.29	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



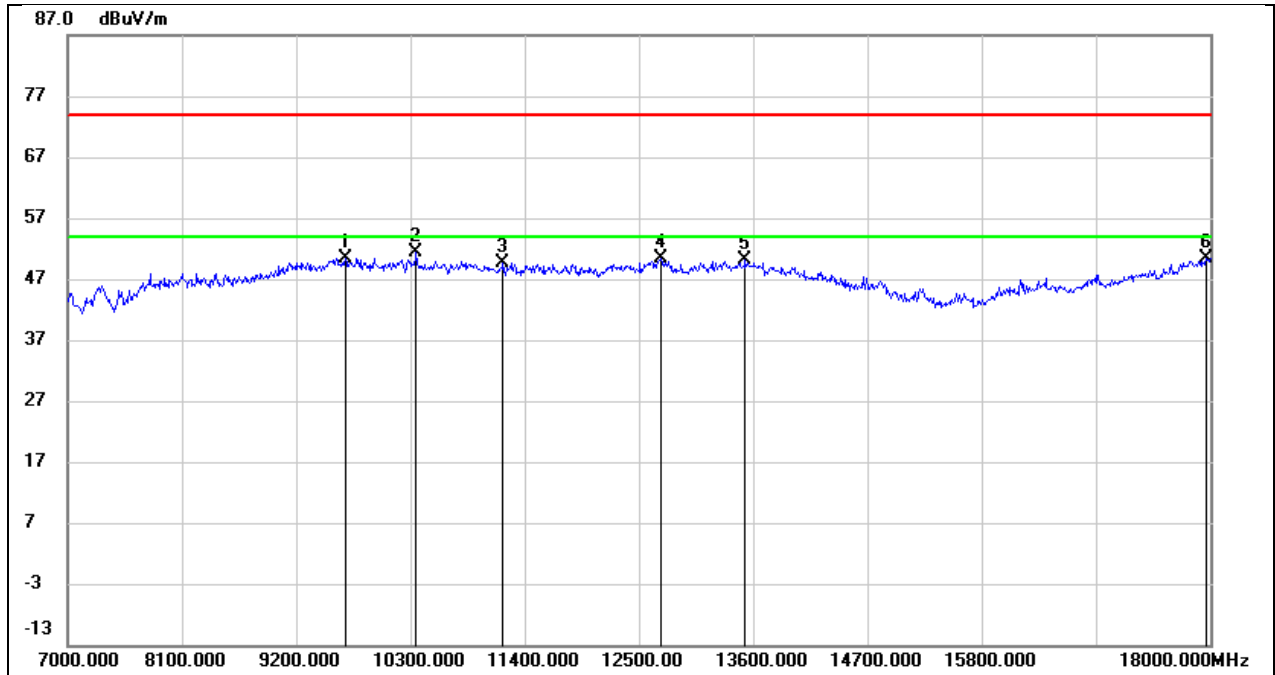
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9585.000	37.57	13.38	50.95	74.00	-23.05	peak
2	10300.000	37.16	13.26	50.42	74.00	-23.58	peak
3	11675.000	32.36	18.06	50.42	74.00	-23.58	peak
4	12687.000	31.39	19.52	50.91	74.00	-23.09	peak
5	13523.000	27.93	22.08	50.01	74.00	-23.99	peak
6	17989.000	21.01	29.49	50.50	74.00	-23.50	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



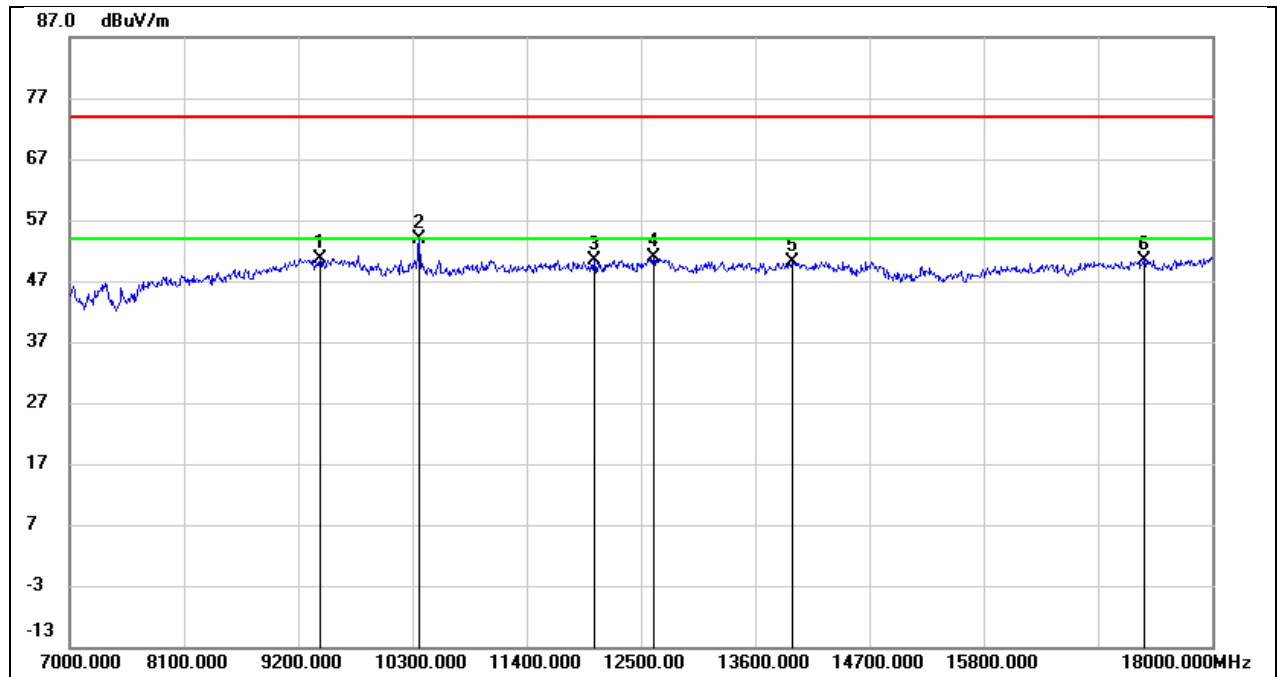
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9464.000	37.90	12.65	50.55	74.00	-23.45	peak
2	10102.000	37.37	12.66	50.03	74.00	-23.97	peak
3	10795.000	36.34	13.86	50.20	74.00	-23.80	peak
4	12621.000	31.38	18.27	49.65	74.00	-24.35	peak
5	14293.000	28.85	21.37	50.22	74.00	-23.78	peak
6	17868.000	24.12	26.59	50.71	74.00	-23.29	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



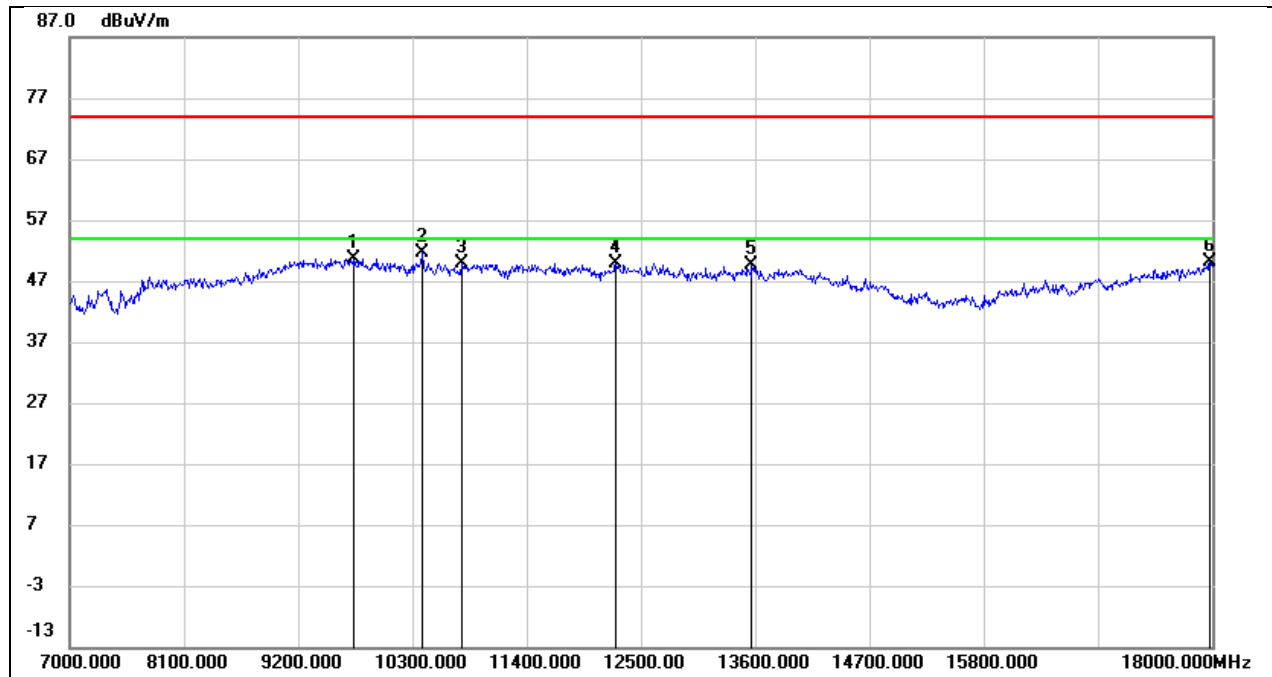
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9673.000	36.83	13.58	50.41	74.00	-23.59	peak
2	10355.000	38.17	13.31	51.48	74.00	-22.52	peak
3	11191.000	33.50	16.11	49.61	74.00	-24.39	peak
4	12709.000	30.66	19.60	50.26	74.00	-23.74	peak
5	13523.000	27.94	22.08	50.02	74.00	-23.98	peak
6	17956.000	21.28	29.14	50.42	74.00	-23.58	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



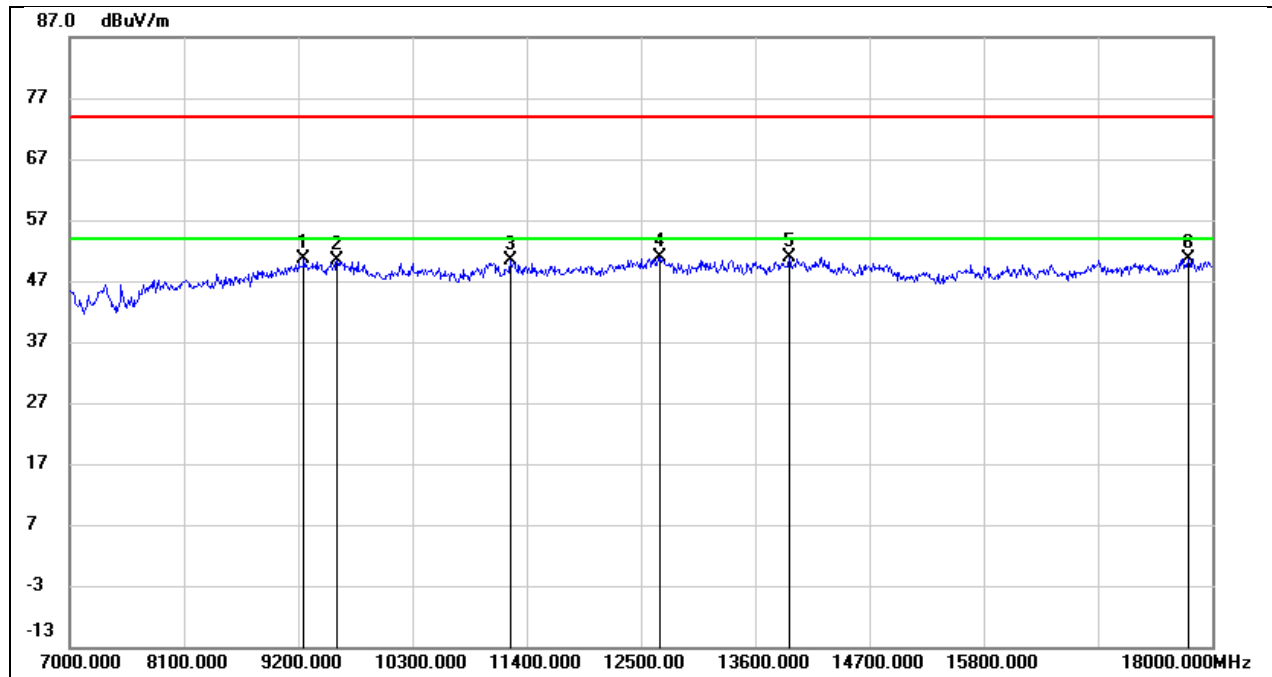
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9409.000	38.35	12.34	50.69	74.00	-23.31	peak
2	10366.000	41.00	12.99	53.99	74.00	-20.01	peak
3	12049.000	32.98	17.47	50.45	74.00	-23.55	peak
4	12621.000	32.58	18.27	50.85	74.00	-23.15	peak
5	13963.000	28.33	21.85	50.18	74.00	-23.82	peak
6	17340.000	25.49	25.01	50.50	74.00	-23.50	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



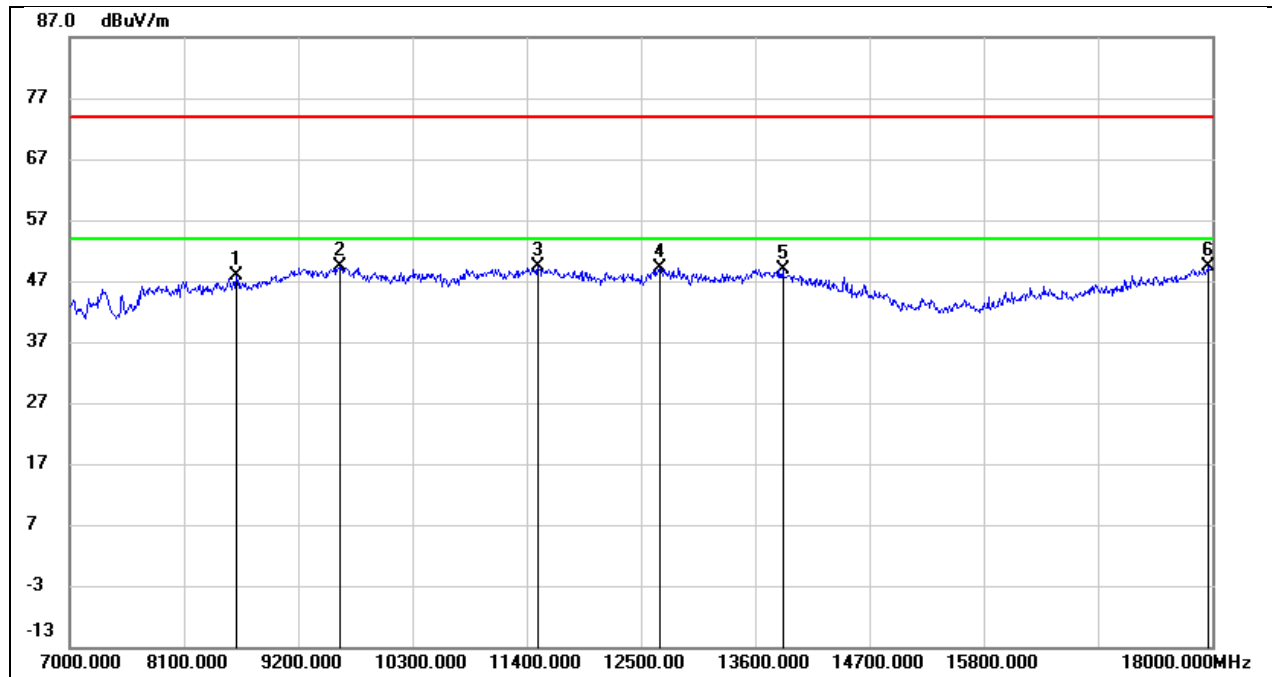
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9739.000	36.94	13.70	50.64	74.00	-23.36	peak
2	10399.000	38.18	13.35	51.53	74.00	-22.47	peak
3	10773.000	35.48	14.34	49.82	74.00	-24.18	peak
4	12258.000	31.13	18.79	49.92	74.00	-24.08	peak
5	13567.000	27.42	22.16	49.58	74.00	-24.42	peak
6	17978.000	20.63	29.38	50.01	74.00	-23.99	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



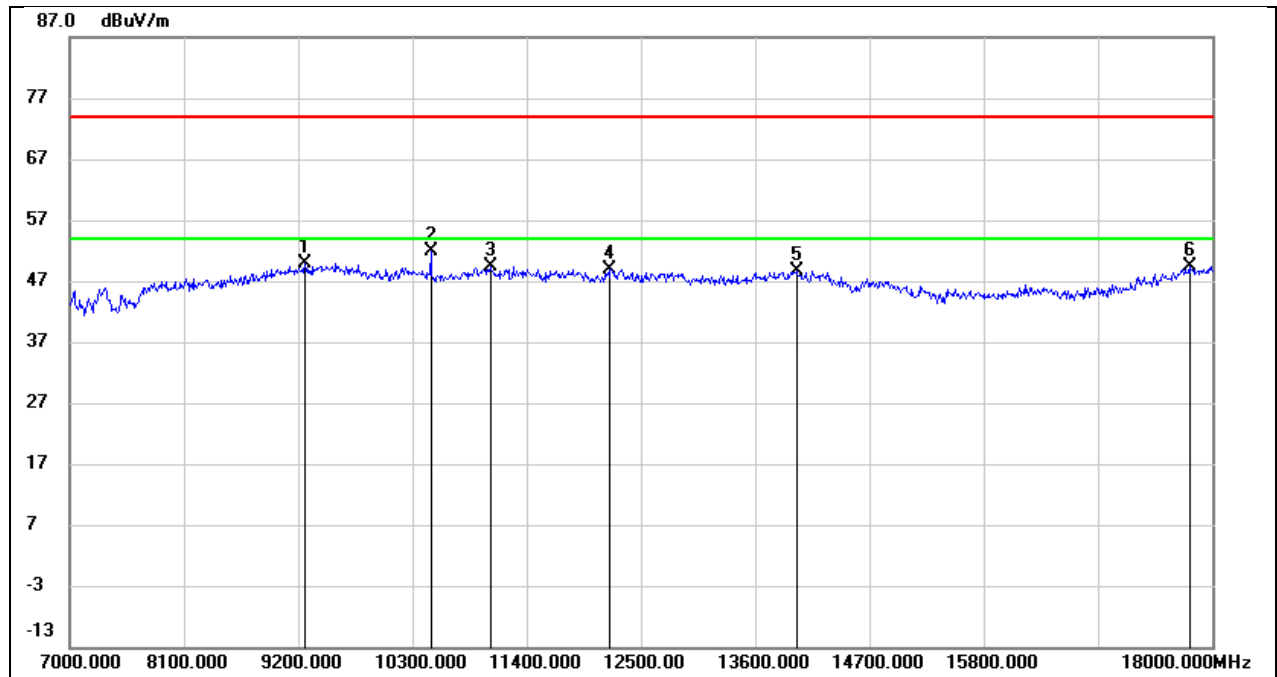
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	38.71	11.93	50.64	74.00	-23.36	peak
2	9574.000	37.23	13.21	50.44	74.00	-23.56	peak
3	11246.000	34.99	15.30	50.29	74.00	-23.71	peak
4	12676.000	32.47	18.47	50.94	74.00	-23.06	peak
5	13930.000	29.13	21.71	50.84	74.00	-23.16	peak
6	17769.000	24.68	26.00	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



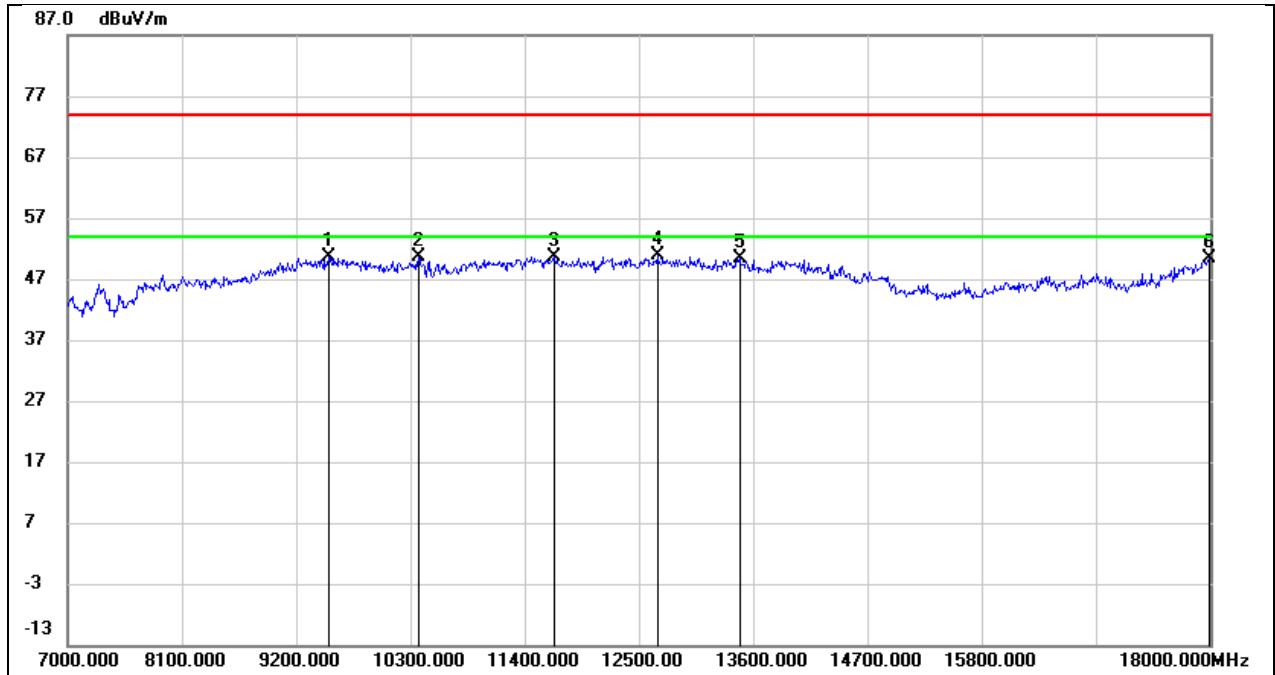
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8606.000	38.94	8.94	47.88	74.00	-26.12	peak
2	9607.000	35.84	13.48	49.32	74.00	-24.68	peak
3	11510.000	31.43	17.86	49.29	74.00	-24.71	peak
4	12687.000	29.63	19.52	49.15	74.00	-24.85	peak
5	13864.000	25.80	23.06	48.86	74.00	-25.14	peak
6	17967.000	20.23	29.26	49.49	74.00	-24.51	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



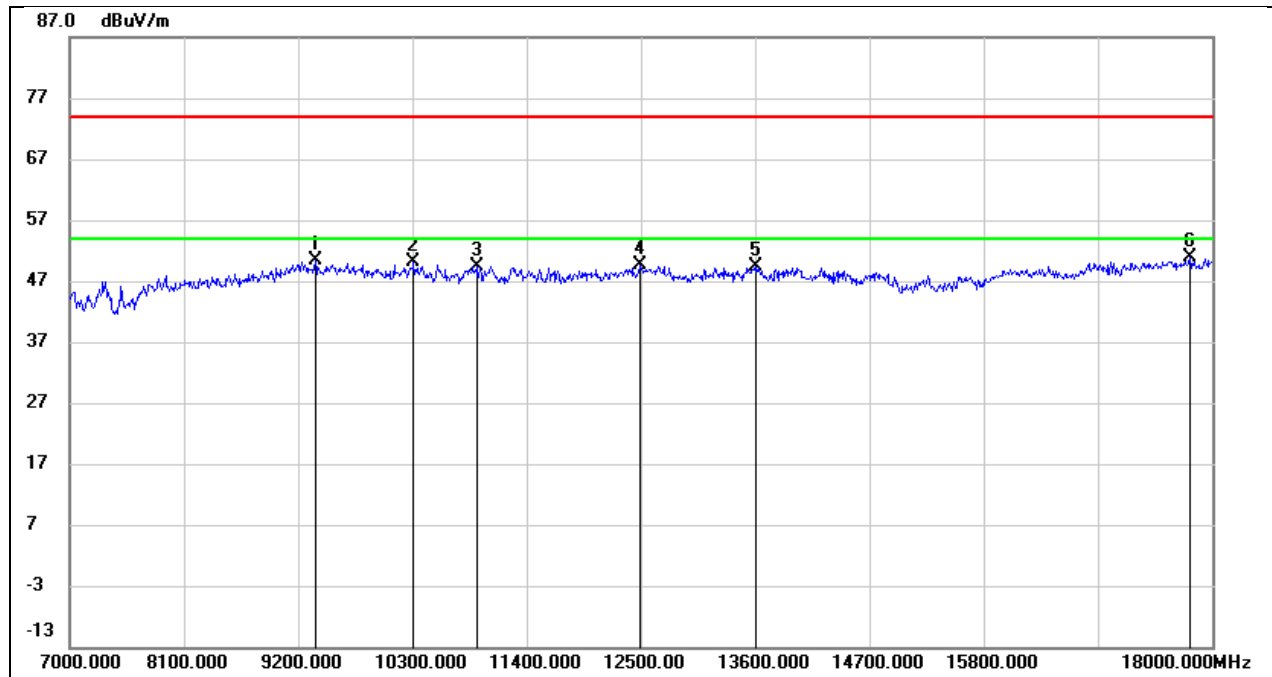
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	38.00	11.96	49.96	74.00	-24.04	peak
2	10476.000	38.71	13.26	51.97	74.00	-22.03	peak
3	11048.000	34.97	14.46	49.43	74.00	-24.57	peak
4	12203.000	31.27	17.69	48.96	74.00	-25.04	peak
5	13996.000	26.57	21.99	48.56	74.00	-25.44	peak
6	17780.000	23.29	26.06	49.35	74.00	-24.65	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



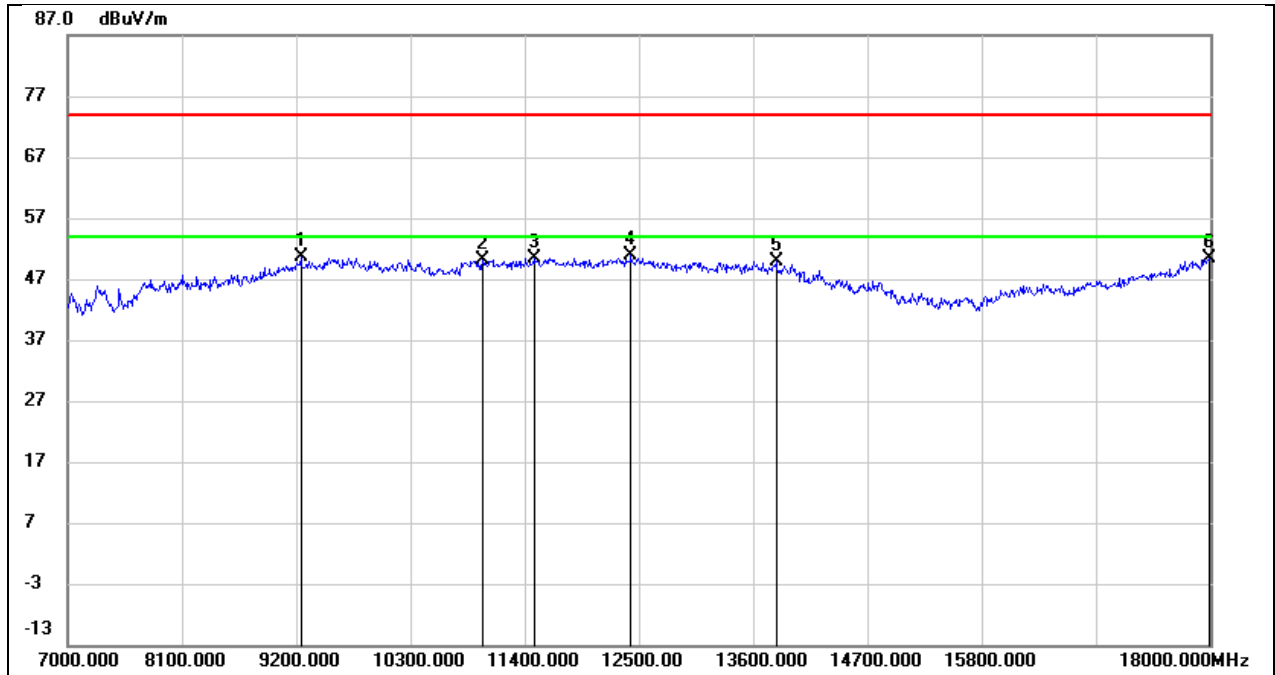
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9508.000	37.65	12.91	50.56	74.00	-23.44	peak
2	10377.000	37.23	13.34	50.57	74.00	-23.43	peak
3	11686.000	32.62	18.06	50.68	74.00	-23.32	peak
4	12676.000	31.46	19.48	50.94	74.00	-23.06	peak
5	13468.000	28.36	21.91	50.27	74.00	-23.73	peak
6	17989.000	21.00	29.49	50.49	74.00	-23.51	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



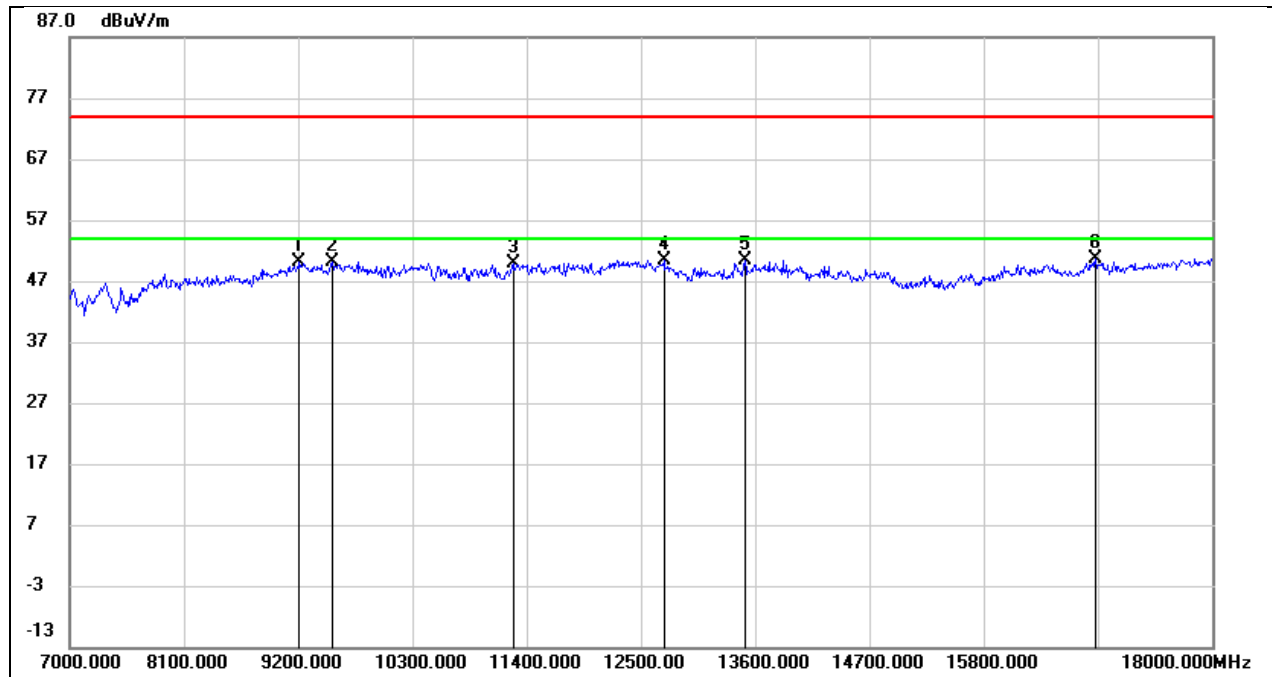
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	38.15	12.20	50.35	74.00	-23.65	peak
2	10311.000	37.33	12.89	50.22	74.00	-23.78	peak
3	10916.000	35.34	14.09	49.43	74.00	-24.57	peak
4	12489.000	31.42	18.09	49.51	74.00	-24.49	peak
5	13611.000	28.76	20.57	49.33	74.00	-24.67	peak
6	17791.000	24.86	26.11	50.97	74.00	-23.03	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 5V



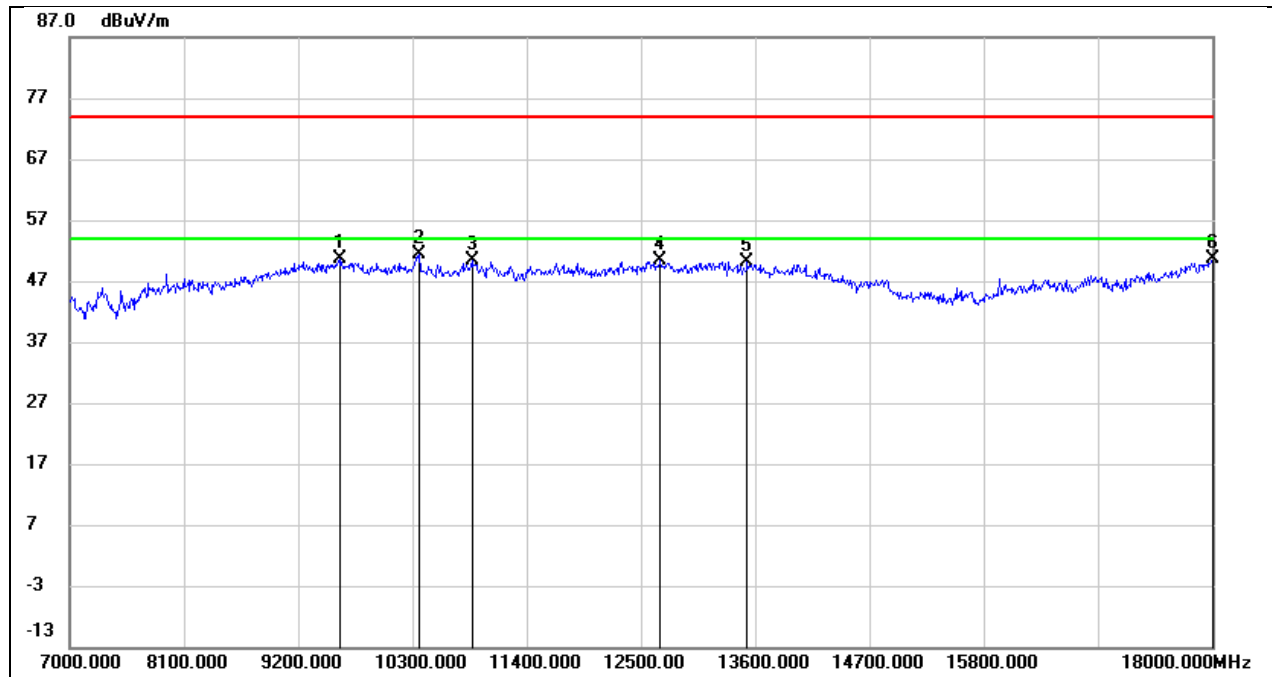
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	38.97	11.71	50.68	74.00	-23.32	peak
2	10993.000	35.15	15.04	50.19	74.00	-23.81	peak
3	11488.000	32.64	17.77	50.41	74.00	-23.59	peak
4	12423.000	31.97	18.98	50.95	74.00	-23.05	peak
5	13820.000	26.97	22.88	49.85	74.00	-24.15	peak
6	17989.000	20.77	29.49	50.26	74.00	-23.74	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



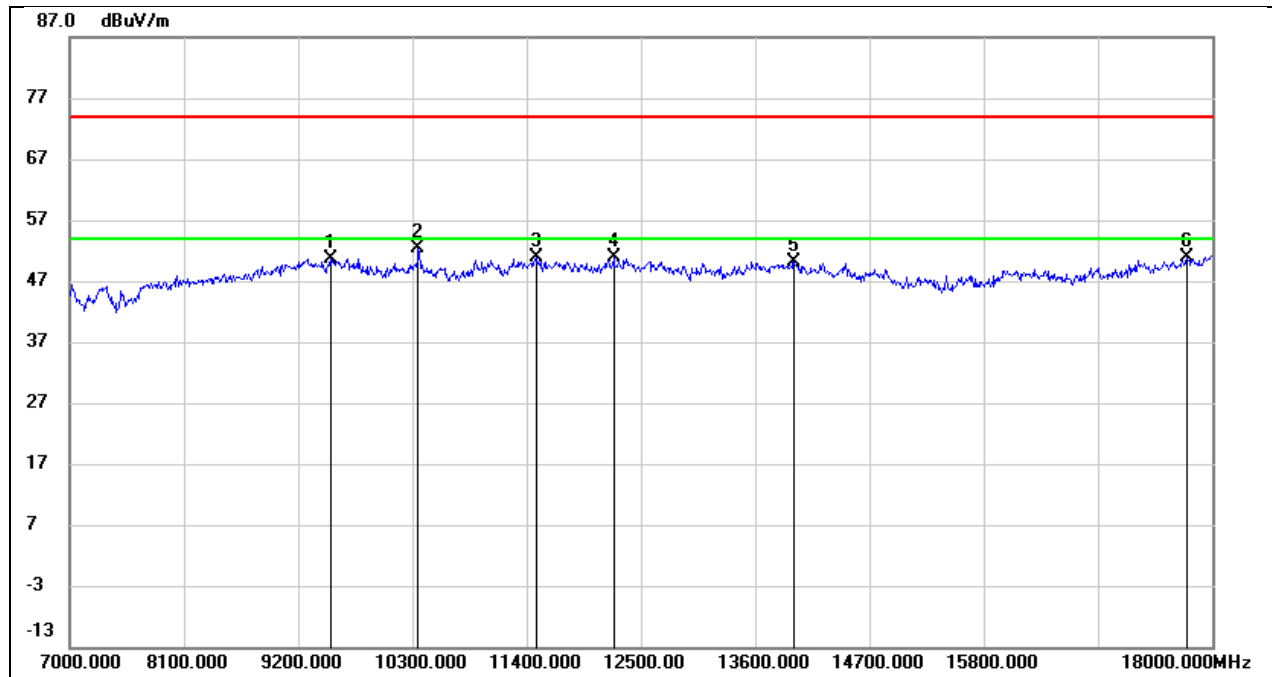
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9211.000	38.31	11.82	50.13	74.00	-23.87	peak
2	9530.000	37.04	13.00	50.04	74.00	-23.96	peak
3	11279.000	34.47	15.44	49.91	74.00	-24.09	peak
4	12720.000	31.83	18.62	50.45	74.00	-23.55	peak
5	13501.000	30.08	20.34	50.42	74.00	-23.58	peak
6	16878.000	26.34	24.19	50.53	74.00	-23.47	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



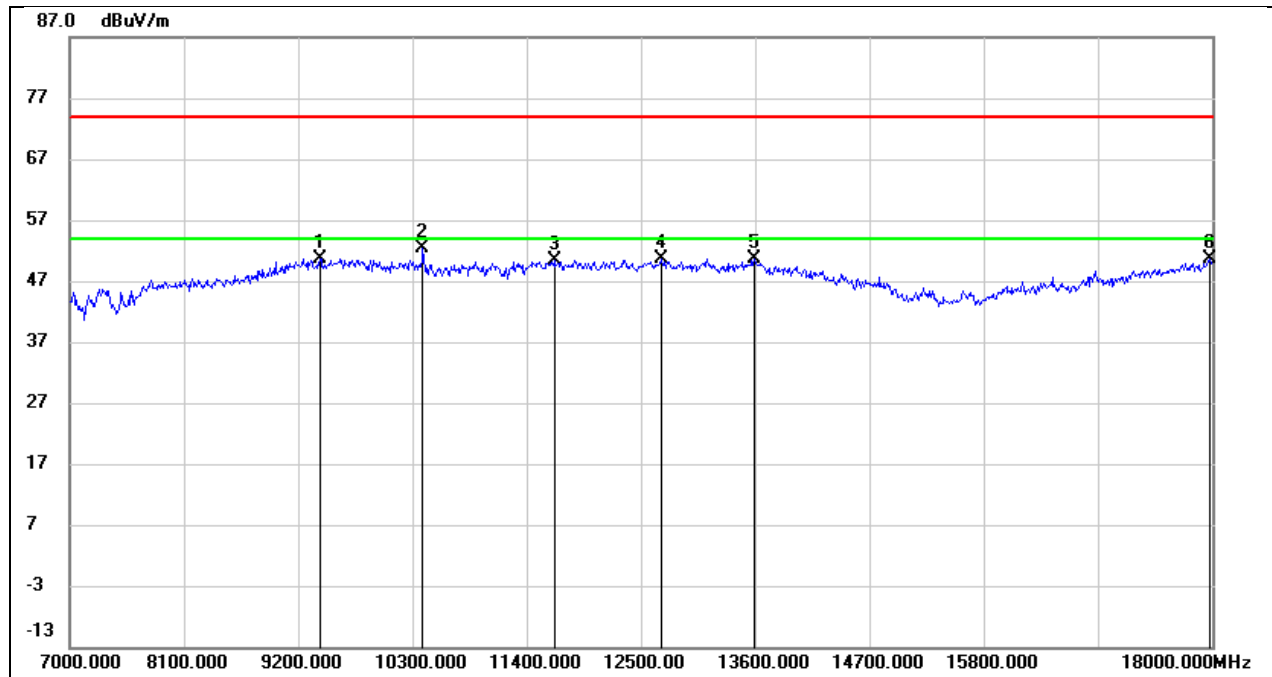
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9607.000	37.08	13.48	50.56	74.00	-23.44	peak
2	10366.000	38.15	13.32	51.47	74.00	-22.53	peak
3	10872.000	35.74	14.65	50.39	74.00	-23.61	peak
4	12687.000	30.92	19.52	50.44	74.00	-23.56	peak
5	13523.000	27.95	22.08	50.03	74.00	-23.97	peak
6	18000.000	20.93	29.61	50.54	74.00	-23.46	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 5V



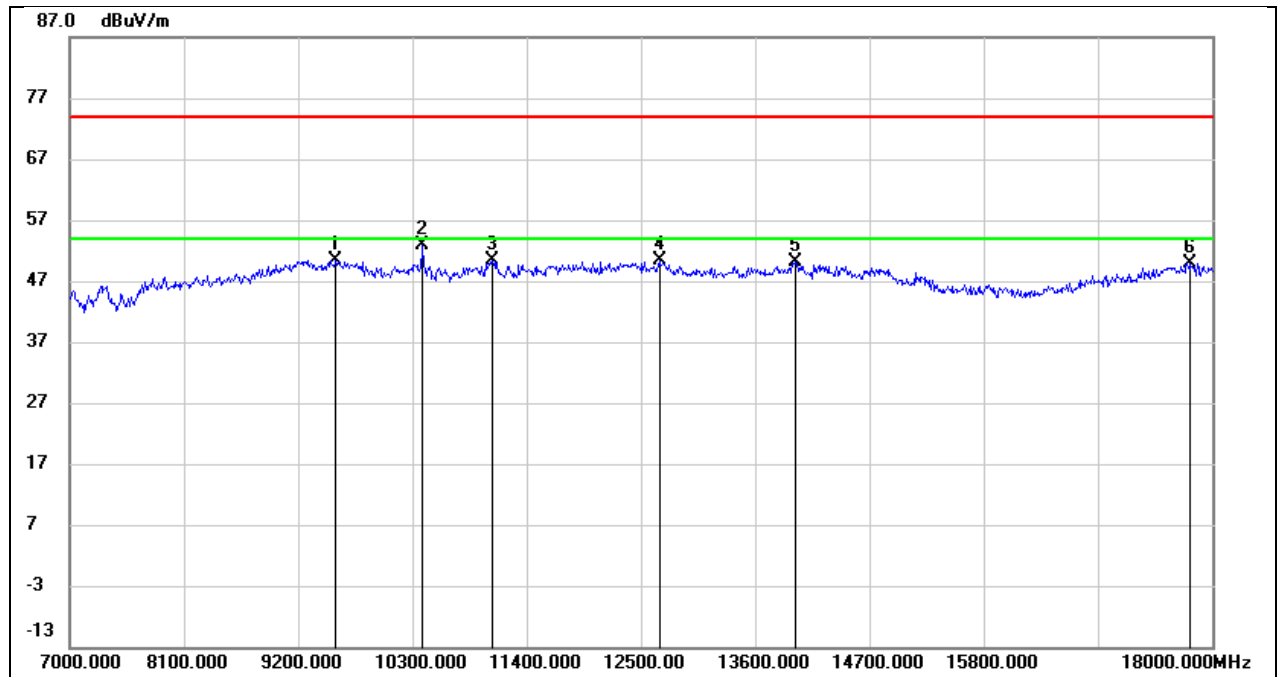
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9508.000	37.84	12.90	50.74	74.00	-23.26	peak
2	10355.000	39.47	12.97	52.44	74.00	-21.56	peak
3	11499.000	34.46	16.33	50.79	74.00	-23.21	peak
4	12236.000	33.10	17.76	50.86	74.00	-23.14	peak
5	13974.000	28.35	21.89	50.24	74.00	-23.76	peak
6	17758.000	25.00	25.94	50.94	74.00	-23.06	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 5V



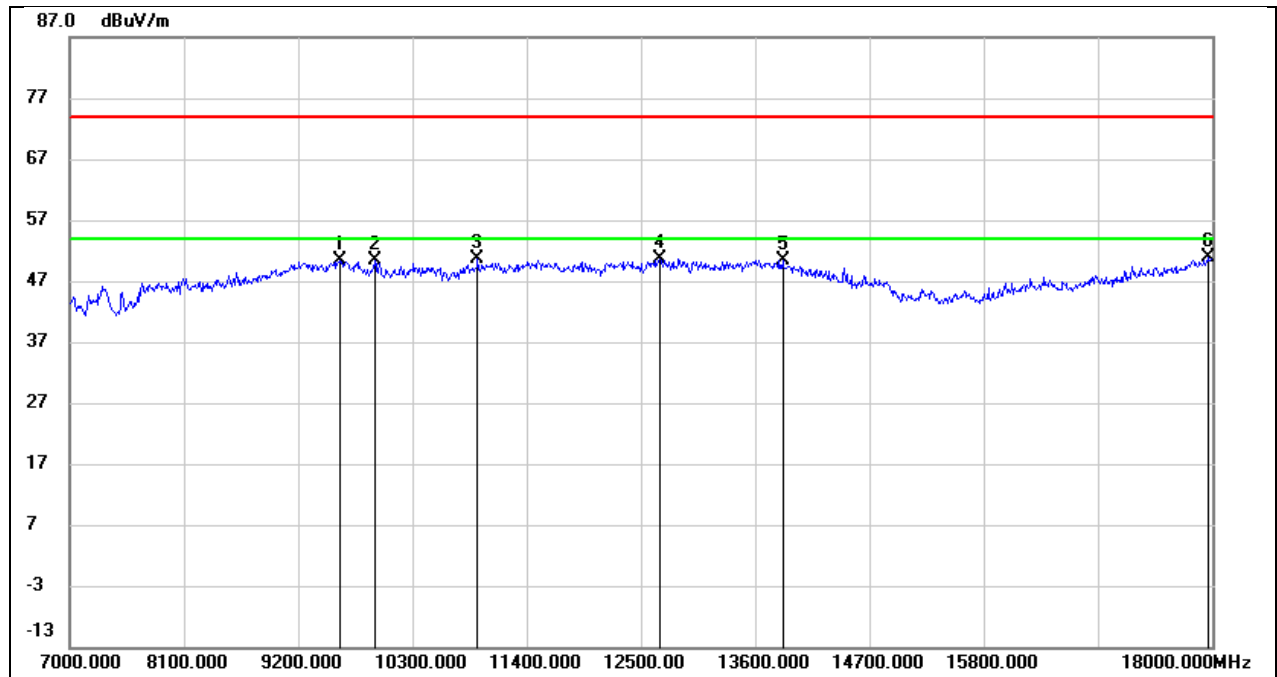
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9409.000	38.45	12.26	50.71	74.00	-23.29	peak
2	10399.000	38.96	13.35	52.31	74.00	-21.69	peak
3	11664.000	32.43	18.05	50.48	74.00	-23.52	peak
4	12698.000	31.14	19.56	50.70	74.00	-23.30	peak
5	13589.000	28.38	22.20	50.58	74.00	-23.42	peak
6	17978.000	21.20	29.38	50.58	74.00	-23.42	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 5V



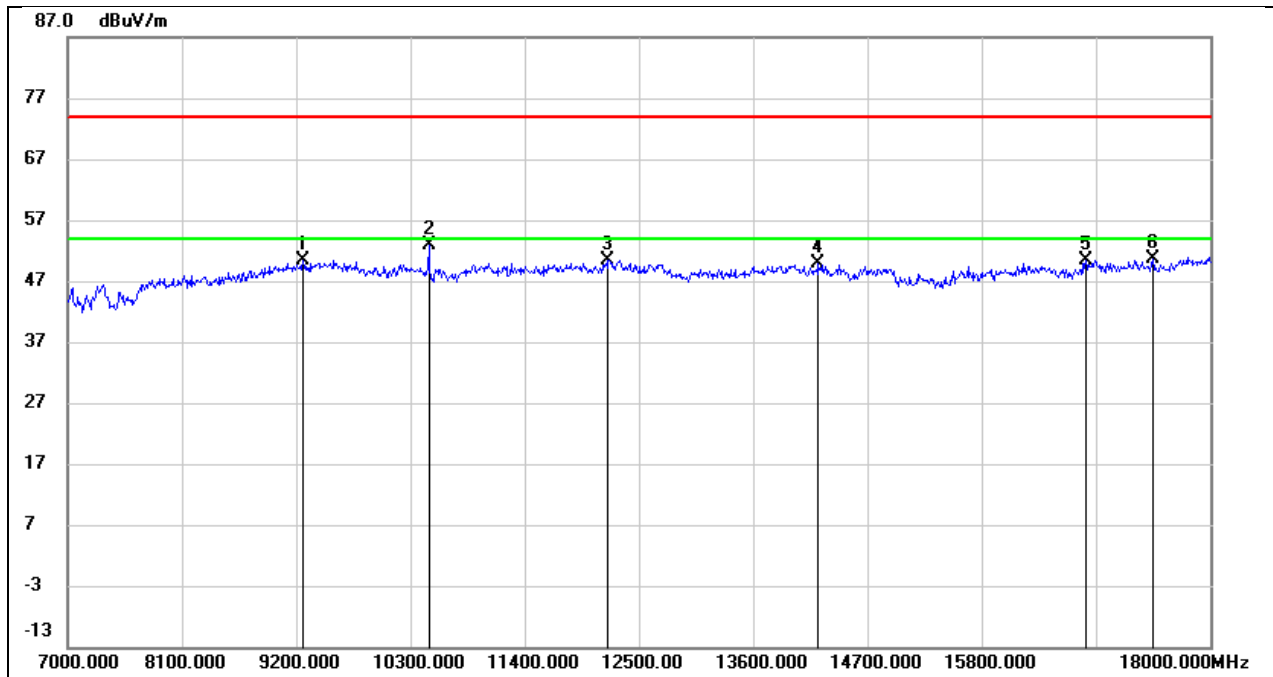
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9563.000	37.28	13.14	50.42	74.00	-23.58	peak
2	10399.000	39.81	13.05	52.86	74.00	-21.14	peak
3	11070.000	35.92	14.55	50.47	74.00	-23.53	peak
4	12676.000	31.94	18.47	50.41	74.00	-23.59	peak
5	13985.000	28.08	21.95	50.03	74.00	-23.97	peak
6	17791.000	23.84	26.11	49.95	74.00	-24.05	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 5V



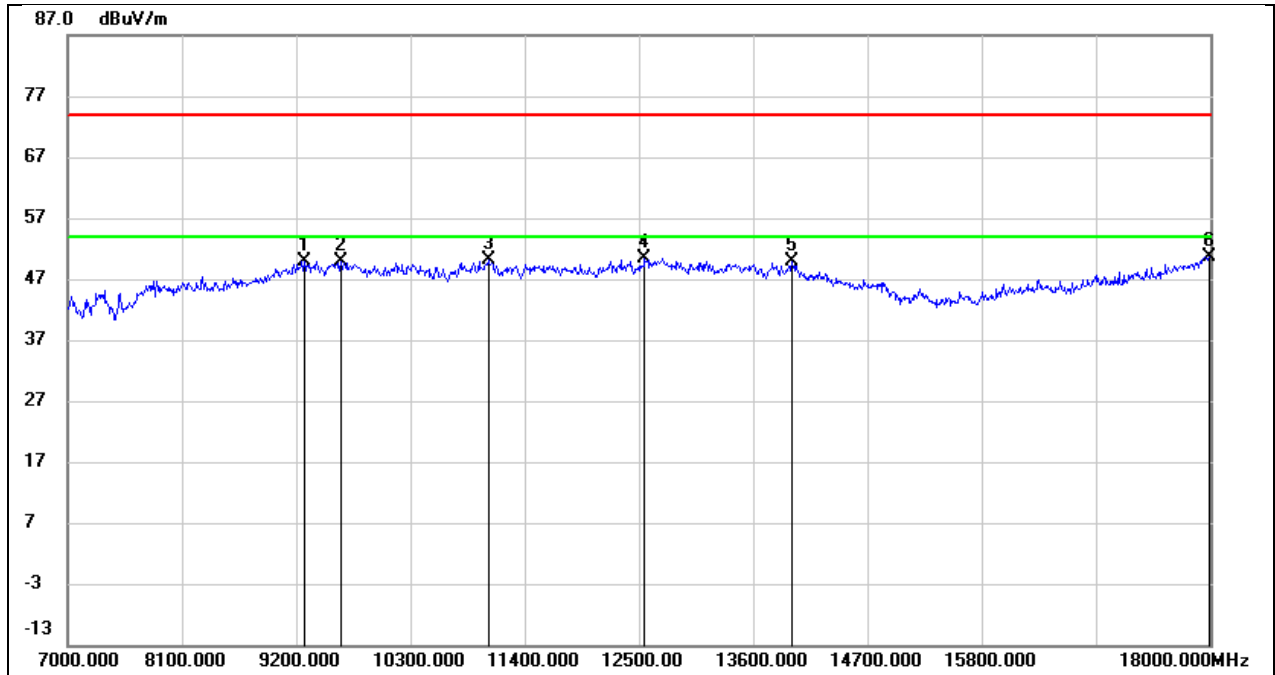
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9607.000	36.84	13.48	50.32	74.00	-23.68	peak
2	9937.000	36.90	13.49	50.39	74.00	-23.61	peak
3	10927.000	35.72	14.82	50.54	74.00	-23.46	peak
4	12687.000	31.13	19.52	50.65	74.00	-23.35	peak
5	13864.000	27.30	23.06	50.36	74.00	-23.64	peak
6	17967.000	21.73	29.26	50.99	74.00	-23.01	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 5V



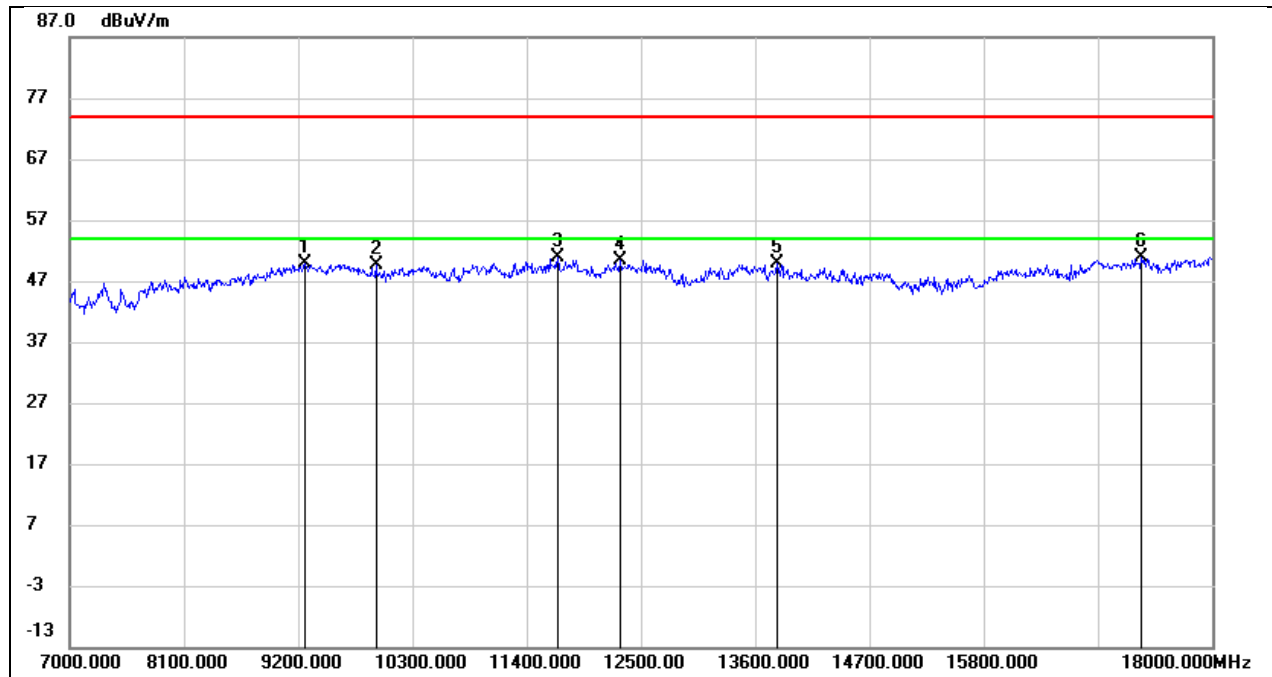
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	38.50	11.96	50.46	74.00	-23.54	peak
2	10476.000	39.71	13.26	52.97	74.00	-21.03	peak
3	12203.000	32.77	17.69	50.46	74.00	-23.54	peak
4	14227.000	28.21	21.61	49.82	74.00	-24.18	peak
5	16801.000	26.45	24.05	50.50	74.00	-23.50	peak
6	17450.000	25.50	25.02	50.52	74.00	-23.48	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5700
Polarity:	Horizontal	Test Voltage:	DC 5V



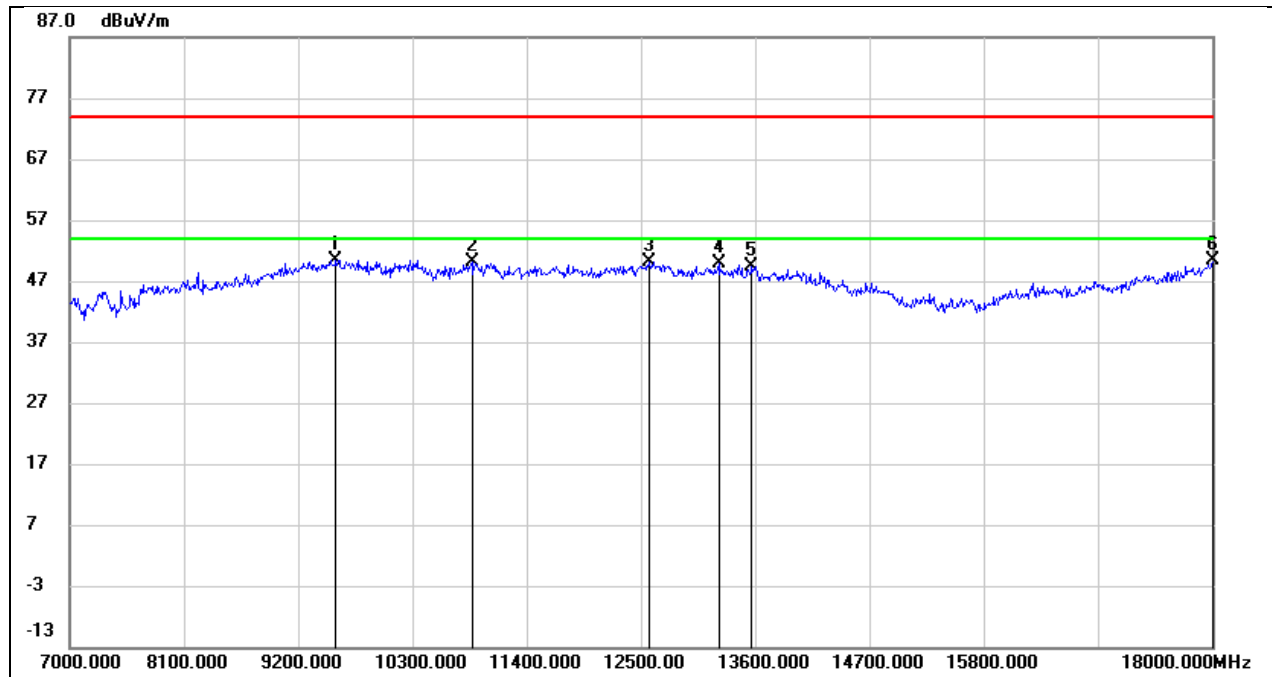
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9277.000	38.10	11.81	49.91	74.00	-24.09	peak
2	9629.000	36.30	13.51	49.81	74.00	-24.19	peak
3	11048.000	34.72	15.33	50.05	74.00	-23.95	peak
4	12555.000	31.34	19.09	50.43	74.00	-23.57	peak
5	13974.000	26.26	23.50	49.76	74.00	-24.24	peak
6	17989.000	21.19	29.49	50.68	74.00	-23.32	peak

Test Mode:	802.11be EHT20	Frequency(MHz):	5700
Polarity:	Vertical	Test Voltage:	DC 5V



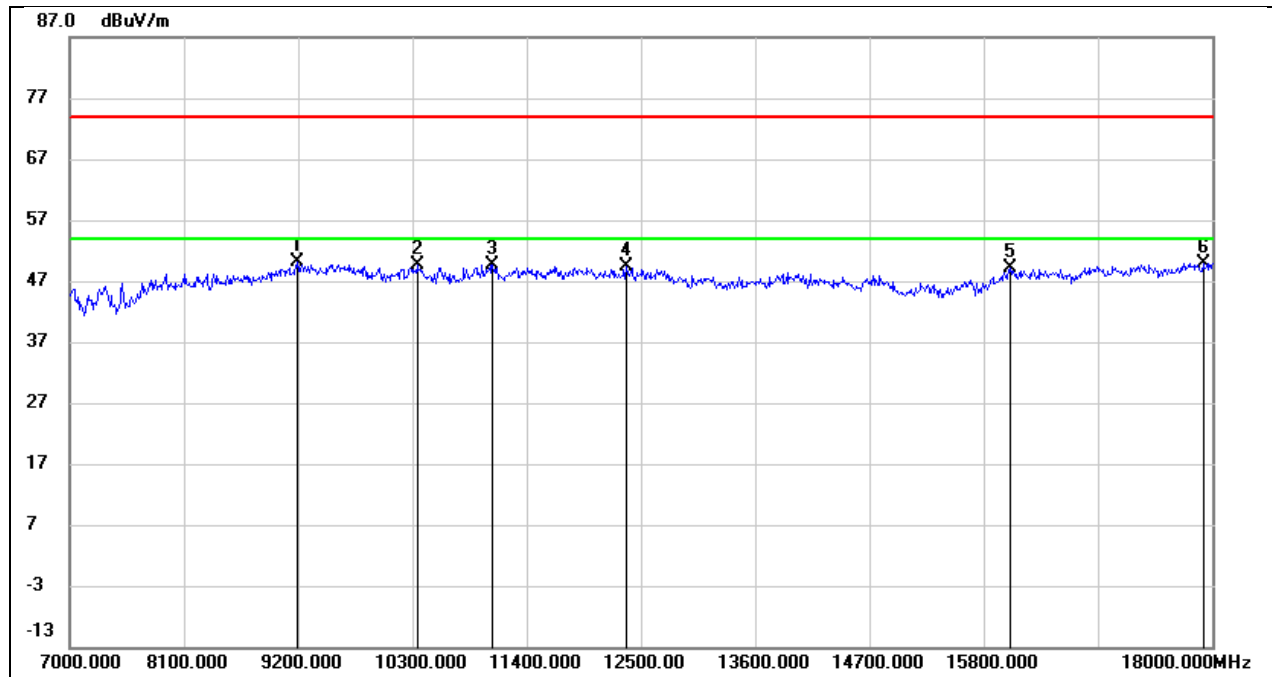
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	37.81	11.96	49.77	74.00	-24.23	peak
2	9948.000	36.71	12.83	49.54	74.00	-24.46	peak
3	11697.000	34.09	16.71	50.80	74.00	-23.20	peak
4	12302.000	32.56	17.87	50.43	74.00	-23.57	peak
5	13809.000	28.69	21.19	49.88	74.00	-24.12	peak
6	17318.000	26.01	24.99	51.00	74.00	-23.00	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 5V



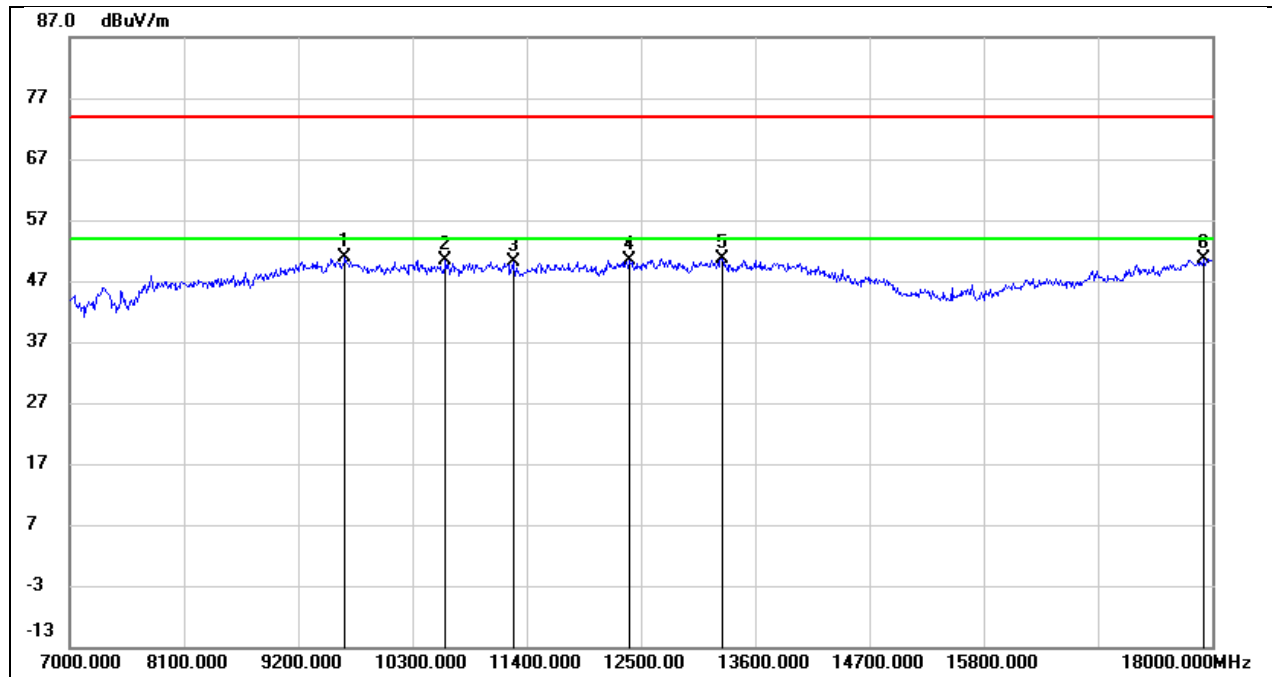
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9563.000	37.25	13.23	50.48	74.00	-23.52	peak
2	10872.000	35.56	14.65	50.21	74.00	-23.79	peak
3	12577.000	31.12	19.13	50.25	74.00	-23.75	peak
4	13248.000	28.78	21.09	49.87	74.00	-24.13	peak
5	13567.000	27.20	22.16	49.36	74.00	-24.64	peak
6	18000.000	20.69	29.61	50.30	74.00	-23.70	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 5V



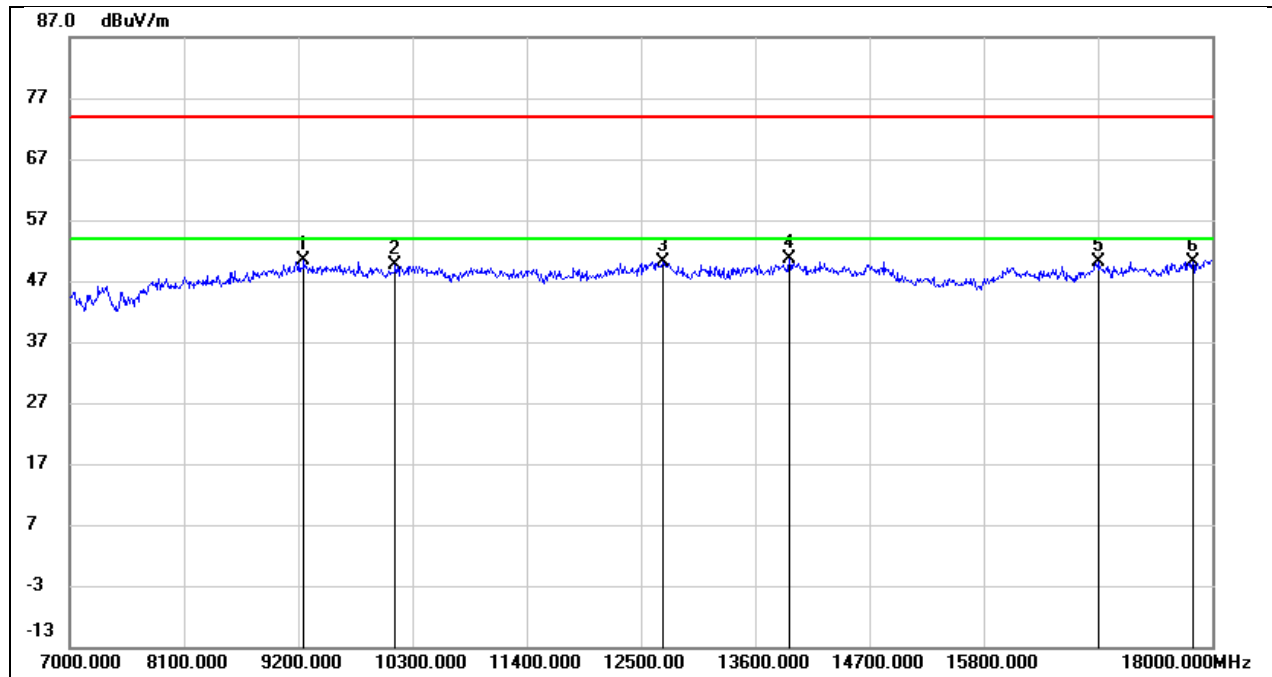
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	38.27	11.76	50.03	74.00	-23.97	peak
2	10344.000	36.60	12.94	49.54	74.00	-24.46	peak
3	11070.000	35.11	14.55	49.66	74.00	-24.34	peak
4	12357.000	31.46	17.96	49.42	74.00	-24.58	peak
5	16053.000	25.95	23.21	49.16	74.00	-24.84	peak
6	17912.000	23.05	26.87	49.92	74.00	-24.08	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 5V



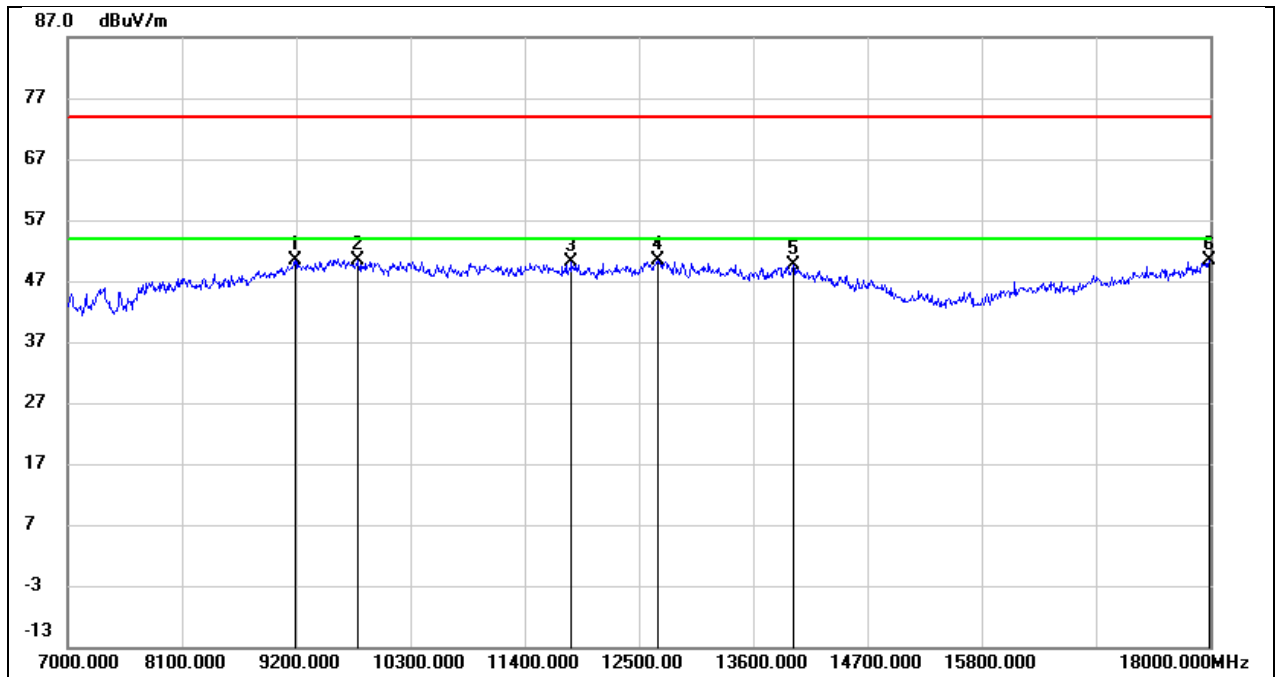
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9651.000	37.29	13.55	50.84	74.00	-23.16	peak
2	10619.000	36.48	13.88	50.36	74.00	-23.64	peak
3	11268.000	33.68	16.57	50.25	74.00	-23.75	peak
4	12390.000	31.51	18.97	50.48	74.00	-23.52	peak
5	13281.000	29.46	21.20	50.66	74.00	-23.34	peak
6	17923.000	21.80	28.78	50.58	74.00	-23.42	peak

Test Mode:	802.11be EHT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 5V



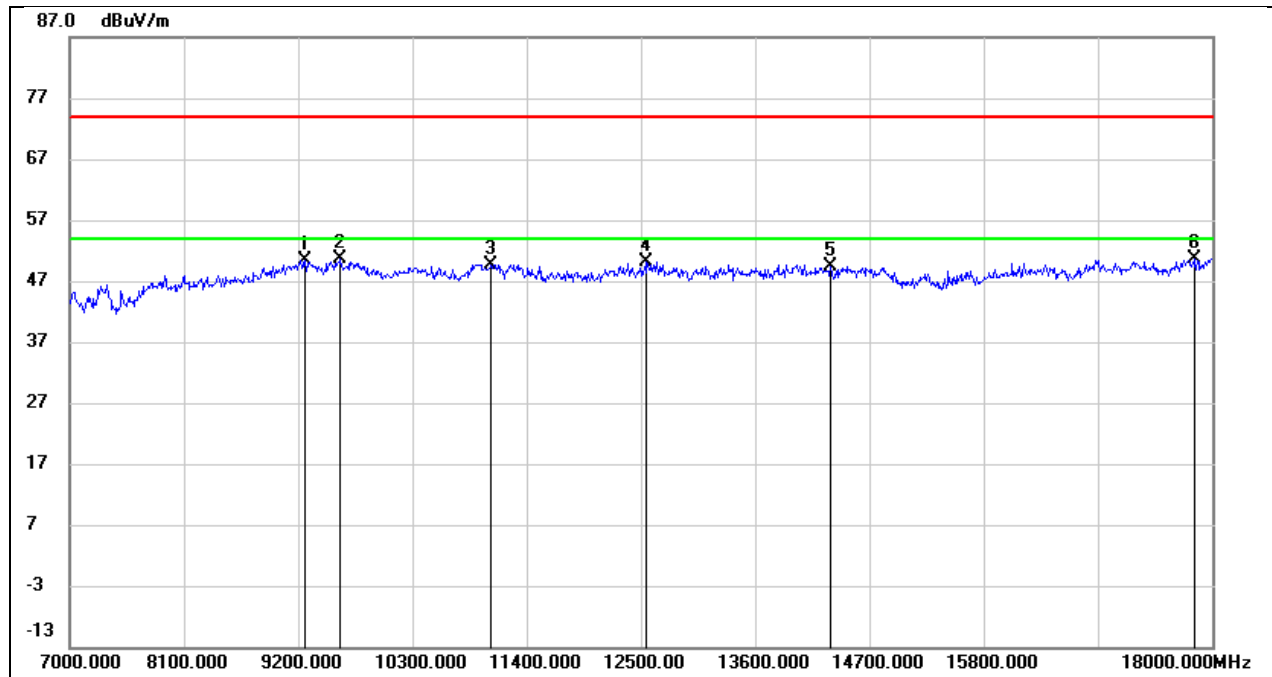
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	38.41	11.93	50.34	74.00	-23.66	peak
2	10135.000	36.89	12.67	49.56	74.00	-24.44	peak
3	12709.000	31.45	18.58	50.03	74.00	-23.97	peak
4	13930.000	28.82	21.71	50.53	74.00	-23.47	peak
5	16900.000	25.90	24.24	50.14	74.00	-23.86	peak
6	17813.000	23.99	26.24	50.23	74.00	-23.77	peak

Test Mode:	802.11be EHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	38.95	11.51	50.46	74.00	-23.54	peak
2	9794.000	36.51	13.78	50.29	74.00	-23.71	peak
3	11851.000	32.09	18.11	50.20	74.00	-23.80	peak
4	12676.000	30.96	19.48	50.44	74.00	-23.56	peak
5	13985.000	26.06	23.55	49.61	74.00	-24.39	peak
6	17989.000	20.89	29.49	50.38	74.00	-23.62	peak

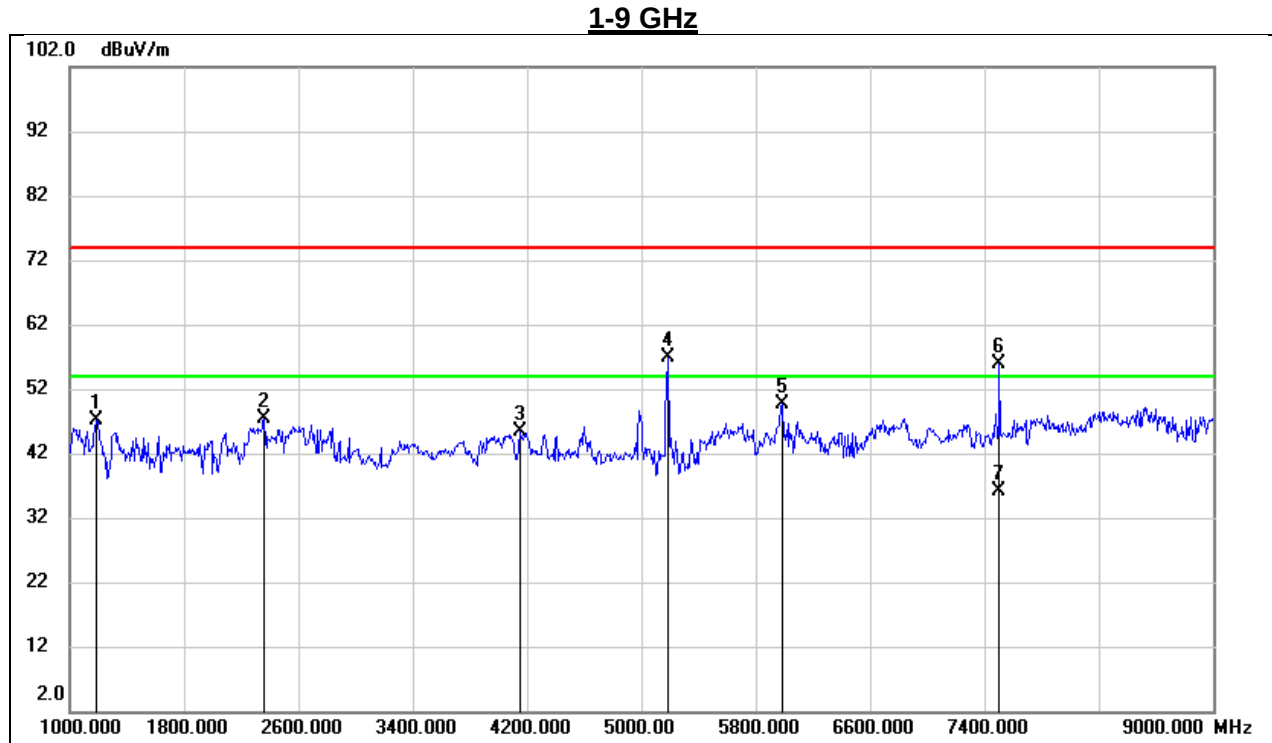
Test Mode:	802.11be EHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	38.45	11.96	50.41	74.00	-23.59	peak
2	9607.000	37.20	13.33	50.53	74.00	-23.47	peak
3	11059.000	35.20	14.51	49.71	74.00	-24.29	peak
4	12555.000	32.04	18.15	50.19	74.00	-23.81	peak
5	14326.000	28.10	21.26	49.36	74.00	-24.64	peak
6	17824.000	24.20	26.31	50.51	74.00	-23.49	peak

8.10. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

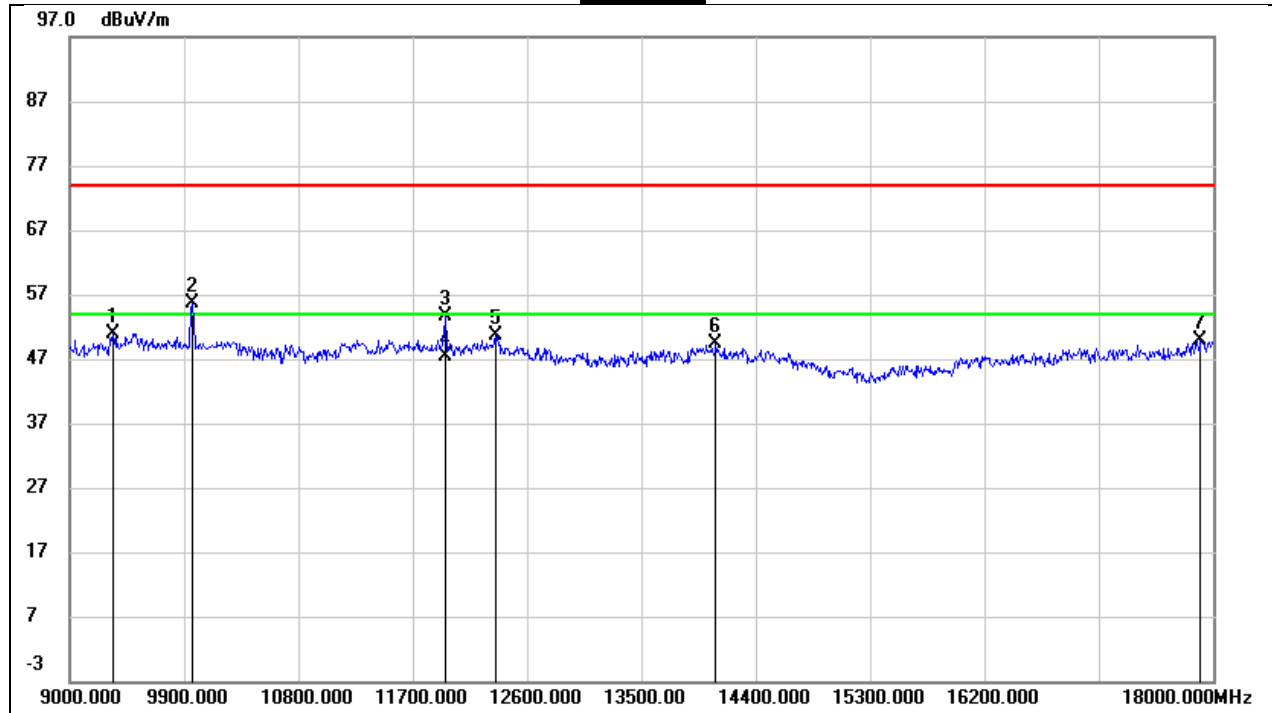
SPURIOUS EMISSIONS (802.11a 5G LOW CHANNEL, 802.11a 6G LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1184.000	60.72	-13.55	47.17	74.00	-26.83	peak
2	2360.000	56.14	-8.74	47.40	74.00	-26.60	peak
3	4152.000	47.19	-1.86	45.33	74.00	-28.67	peak
4	5180.000	54.78	2.02	56.80	/	/	Fundamental
5	5975.000	44.08	5.54	49.62	/	/	Fundamental
6	7504.000	48.41	7.41	55.82	74.00	-18.18	peak
7	7504.000	28.83	7.41	36.24	54.00	-17.76	AVG

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

9-18 GHz



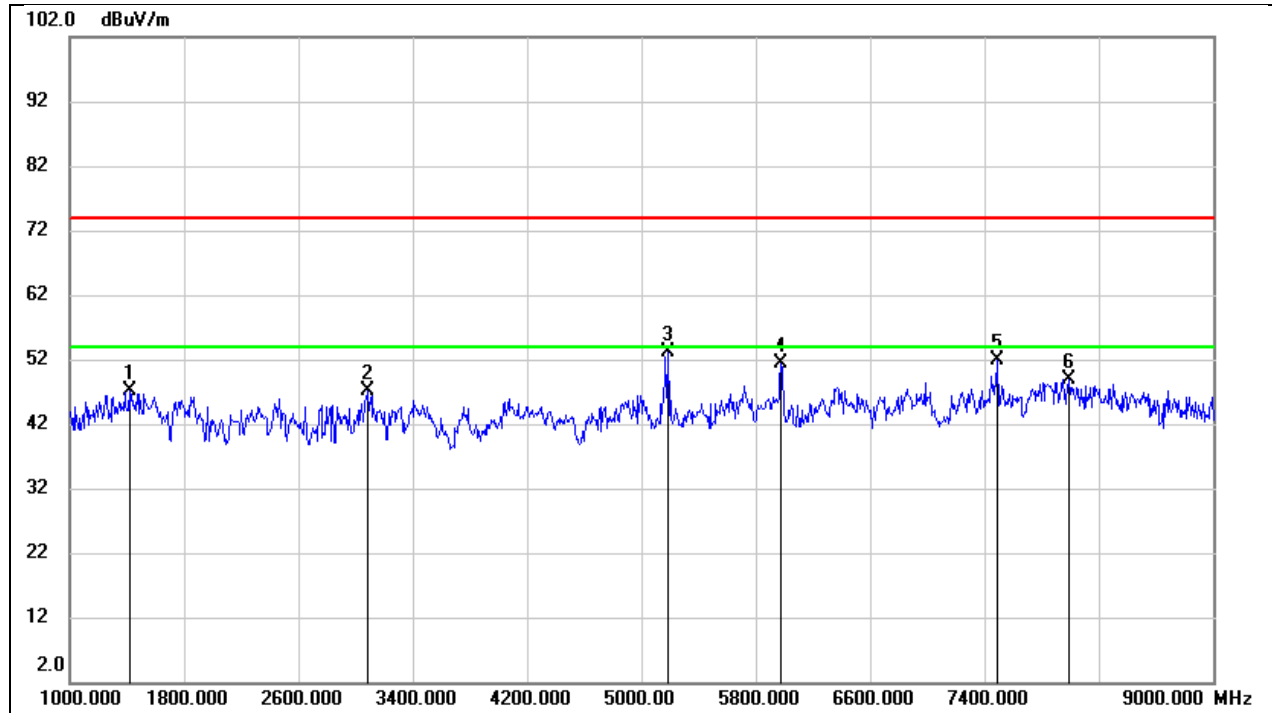
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8462.000	38.99	11.97	50.96	74.00	-23.04	peak
2*	9963.000	41.74	13.78	55.52	68.20	-12.68	peak
3	11952.000	34.84	18.74	53.58	74.00	-20.42	peak
4	11952.000	28.52	18.74	47.26	54.00	-6.74	AVG
5	12348.000	31.91	18.84	50.75	74.00	-23.25	peak
6	14085.000	26.46	22.95	49.41	74.00	-24.59	peak
7	17901.000	21.70	28.26	49.96	74.00	-24.04	peak

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 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

SPURIOUS EMISSIONS (802.11a 5G LOW CHANNEL, 802.11a 6G LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

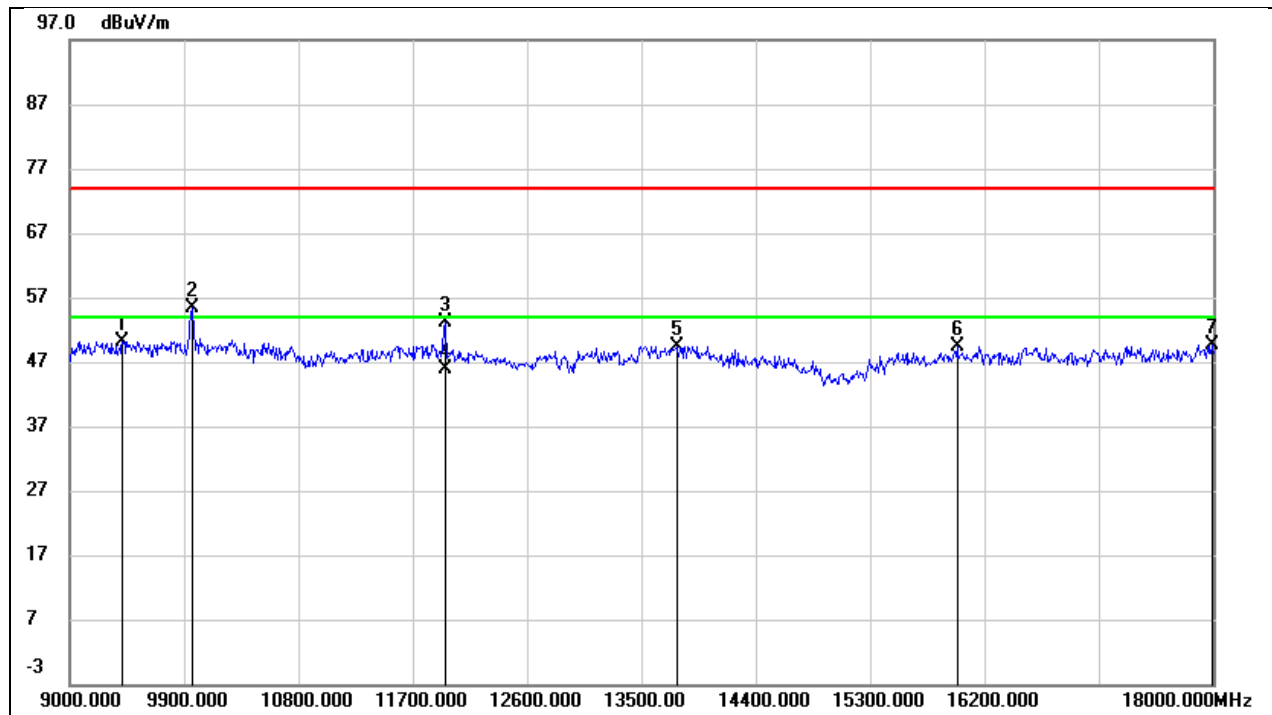
1-9 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1416.000	59.34	-12.17	47.17	74.00	-26.83	peak
2	3088.000	51.40	-4.35	47.05	74.00	-26.95	peak
3	5180.000	49.86	3.22	53.08	/	/	Fundamental
4	5975.000	44.99	6.51	51.50	/	/	Fundamental
5	7488.000	44.10	7.89	51.99	74.00	-22.01	peak
6	7992.000	40.13	8.82	48.95	74.00	-25.05	peak

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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

9-18 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8462.000	37.96	12.28	50.24	74.00	-23.76	peak
2*	9963.000	41.57	13.78	55.35	68.20	-12.85	peak
3	11952.000	34.30	18.74	53.04	74.00	-20.96	peak
4	11952.000	27.02	18.74	45.76	54.00	-8.24	AVG
5	13779.000	26.78	22.71	49.49	74.00	-24.51	peak
6	15984.000	29.13	20.29	49.42	74.00	-24.58	peak
7	17991.000	20.54	29.11	49.65	74.00	-24.35	peak

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 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

Note: For spurious emissions in other bands, no worst spurious emission was found, do not report.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

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

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

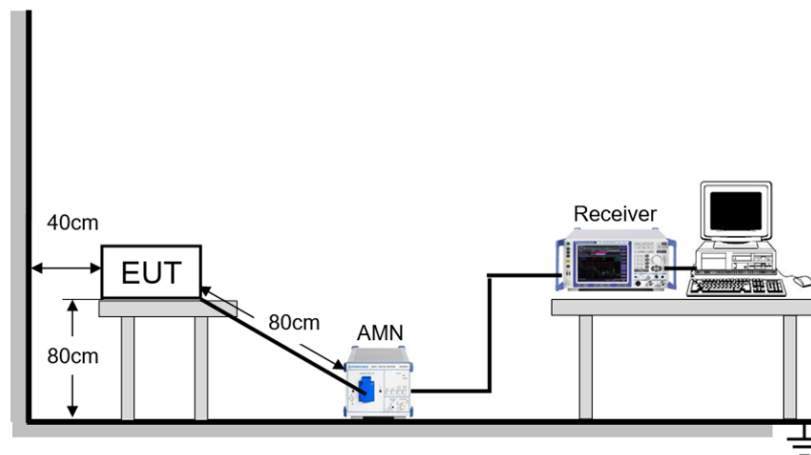
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

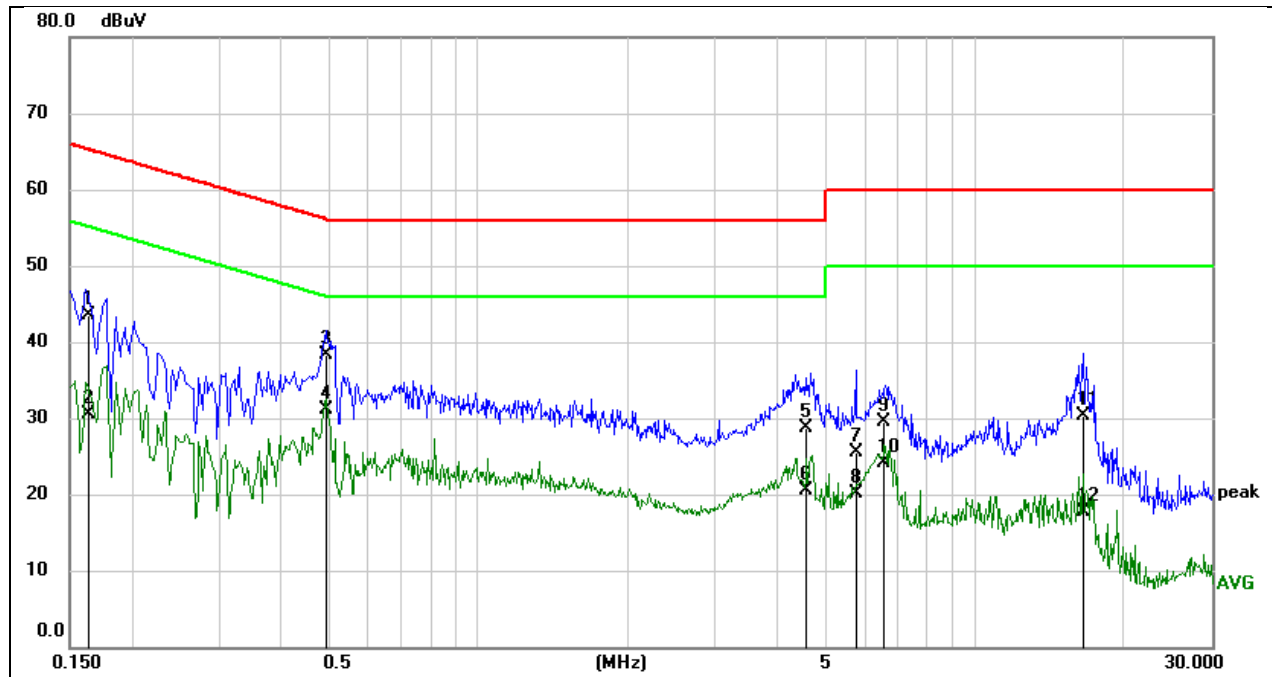
Temperature	22.5°C	Relative Humidity	52.6%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	December 25, 2024	Test By	Johnson Liu
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TEST RESULTS

Test Mode:	802.11a	Frequency(MHz):	5180
Line:	Line		



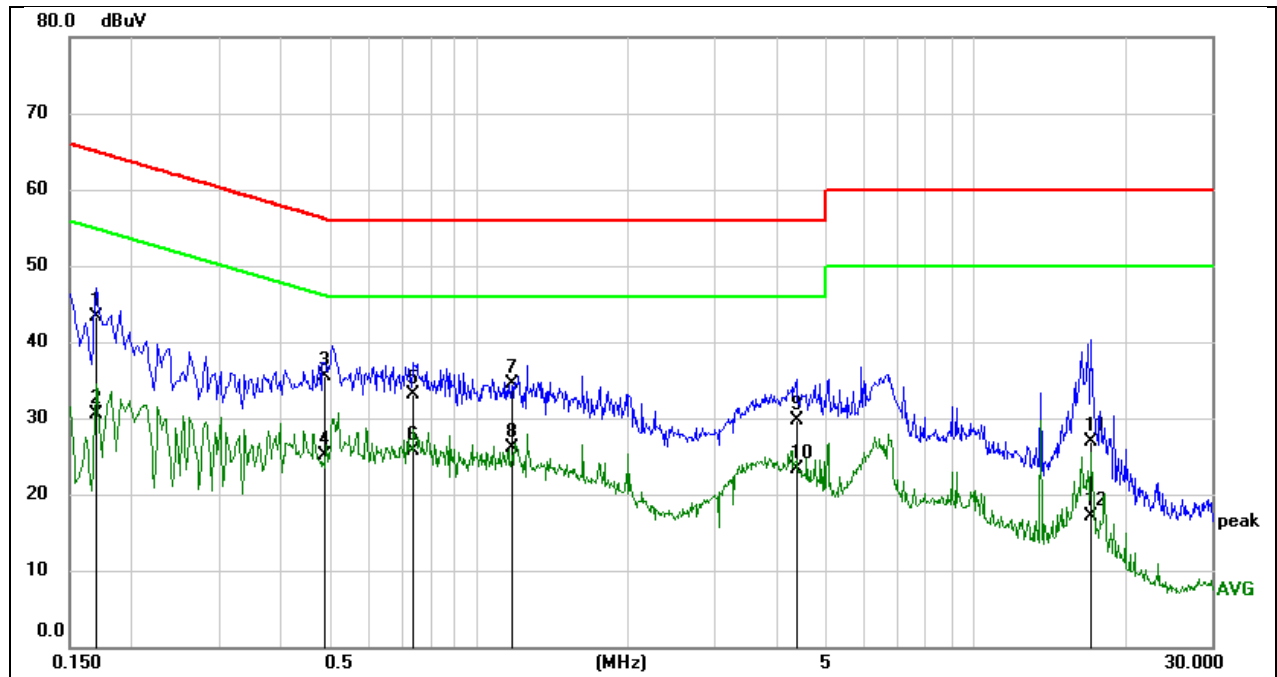
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1638	33.80	9.64	43.44	65.27	-21.83	QP
2	0.1638	20.83	9.64	30.47	55.27	-24.80	AVG
3	0.4922	28.70	9.64	38.34	56.13	-17.79	QP
4	0.4922	21.44	9.64	31.08	46.13	-15.05	AVG
5	4.5688	19.05	9.65	28.70	56.00	-27.30	QP
6	4.5688	10.83	9.65	20.48	46.00	-25.52	AVG
7	5.7885	15.72	9.69	25.41	60.00	-34.59	QP
8	5.7885	10.35	9.69	20.04	50.00	-29.96	AVG
9	6.5372	19.87	9.71	29.58	60.00	-30.42	QP
10	6.5372	14.45	9.71	24.16	50.00	-25.84	AVG
11	16.5897	20.62	9.74	30.36	60.00	-29.64	QP
12	16.5897	7.89	9.74	17.63	50.00	-32.37	AVG

Note:

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

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

Test Mode:	802.11a	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1686	33.59	9.64	43.23	65.03	-21.80	QP
2	0.1686	20.77	9.64	30.41	55.03	-24.62	AVG
3	0.4911	25.78	9.64	35.42	56.15	-20.73	QP
4	0.4911	15.49	9.64	25.13	46.15	-21.02	AVG
5	0.7369	23.40	9.63	33.03	56.00	-22.97	QP
6	0.7369	16.09	9.63	25.72	46.00	-20.28	AVG
7	1.1702	24.81	9.63	34.44	56.00	-21.56	QP
8	1.1702	16.38	9.63	26.01	46.00	-19.99	AVG
9	4.3713	20.09	9.64	29.73	56.00	-26.27	QP
10	4.3713	13.66	9.64	23.30	46.00	-22.70	AVG
11	17.0637	17.17	9.74	26.91	60.00	-33.09	QP
12	17.0637	7.39	9.74	17.13	50.00	-32.87	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]
11A	Ant1	5180	18.400	5170.640	5189.040
	Ant1	5200	18.080	5190.920	5209.000
	Ant1	5240	17.760	5231.160	5248.920
	Ant1	5745	18.200	5735.920	5754.120
	Ant1	5785	17.840	5776.040	5793.880
11N20MIMO	Ant1	5825	18.200	5815.720	5833.920
	Ant1	5180	18.880	5170.400	5189.280
	Ant1	5200	18.880	5190.560	5209.440
	Ant1	5240	18.760	5230.560	5249.320
	Ant1	5745	19.200	5735.480	5754.680
11N40MIMO	Ant1	5785	18.920	5775.400	5794.320
	Ant1	5825	18.720	5815.680	5834.400
	Ant1	5190	38.160	5170.800	5208.960
	Ant1	5230	38.240	5210.720	5248.960
	Ant1	5755	37.760	5736.120	5773.880
11AC80MIMO	Ant1	5795	38.240	5775.880	5814.120
	Ant1	5210	99.520	5166.480	5266.000
	Ant1	5775	78.880	5735.800	5814.680
11AX20MIMO	Ant1	5180	19.720	5170.080	5189.800
	Ant1	5200	19.680	5190.160	5209.840
	Ant1	5240	19.760	5230.200	5249.960
	Ant1	5745	19.720	5735.160	5754.880
	Ant1	5785	19.760	5775.080	5794.840
11AX40MIMO	Ant1	5825	19.720	5815.200	5834.920
	Ant1	5190	39.200	5170.480	5209.680
	Ant1	5230	39.200	5210.480	5249.680
	Ant1	5755	39.360	5735.320	5774.680
	Ant1	5795	39.200	5775.480	5814.680
11AX80MIMO	Ant1	5210	92.640	5170.000	5262.640
	Ant1	5775	79.840	5735.320	5815.160
11BE20MIMO	Ant1	5180	19.840	5170.080	5189.920
	Ant1	5200	21.560	5188.360	5209.920
	Ant1	5240	19.840	5230.160	5250.000
	Ant1	5745	19.920	5735.080	5755.000
	Ant1	5785	19.800	5775.120	5794.920
11BE40MIMO	Ant1	5825	19.840	5815.080	5834.920
	Ant1	5190	40.480	5169.200	5209.680
	Ant1	5230	39.280	5210.320	5249.600
	Ant1	5755	39.600	5735.240	5774.840
	Ant1	5795	39.600	5775.080	5814.680
11BE80MIMO	Ant1	5210	91.040	5167.920	5258.960
	Ant1	5775	89.280	5728.920	5818.200

Note: 1. All antennas have been tested, only the worst data record in the report.

11.1.2. Test Graphs

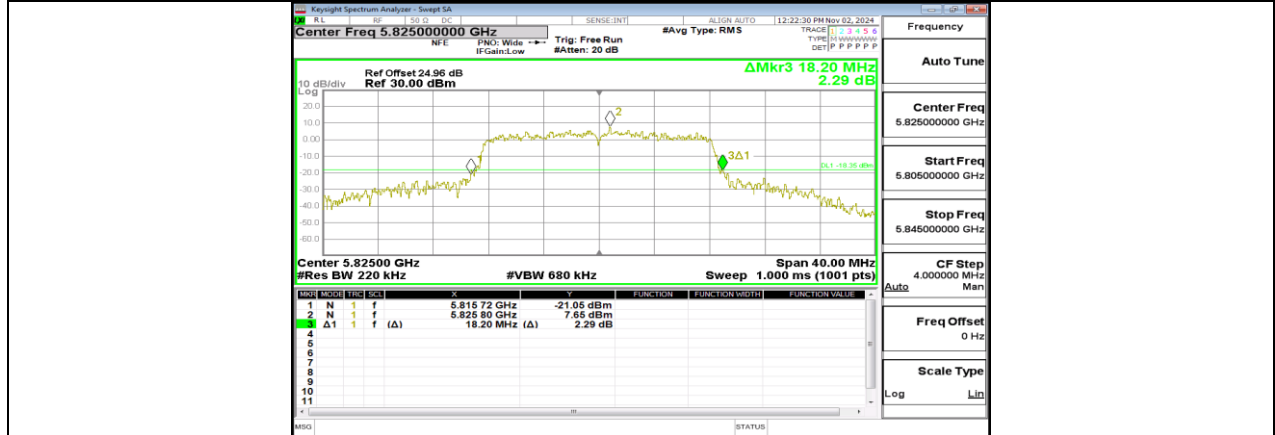




11A Ant1 5745



11A Ant1 5785



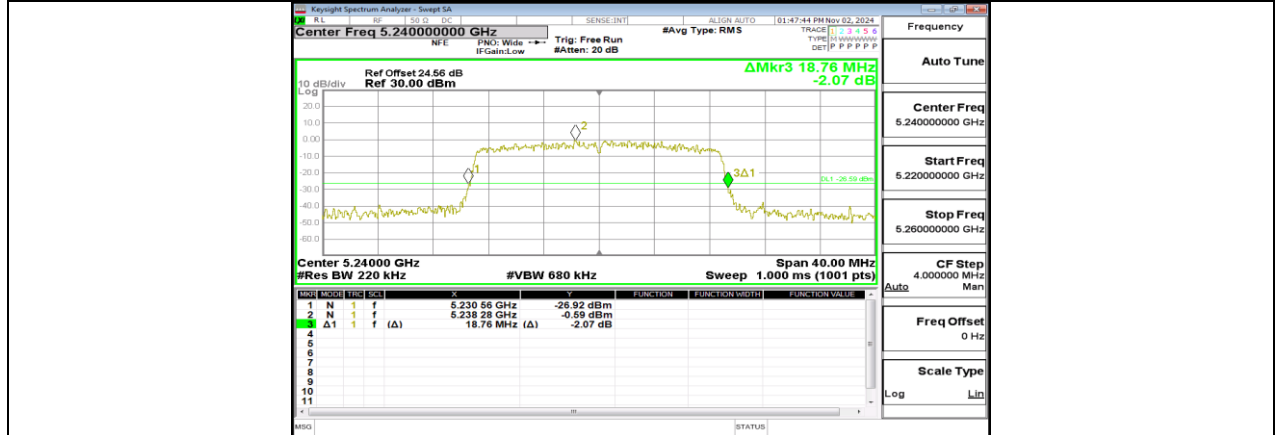
11A Ant1 5825



11N20MIMO Ant1 5180



11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



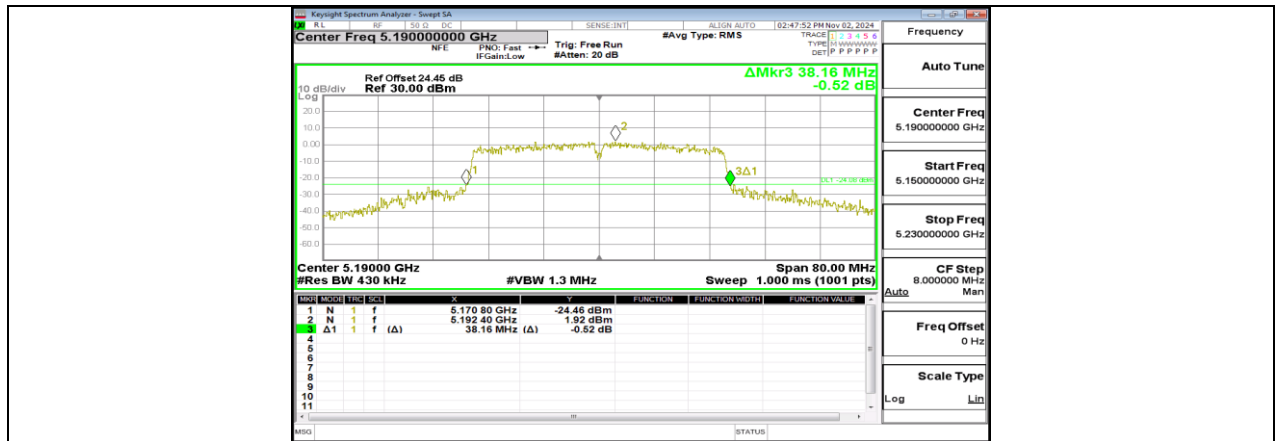
11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



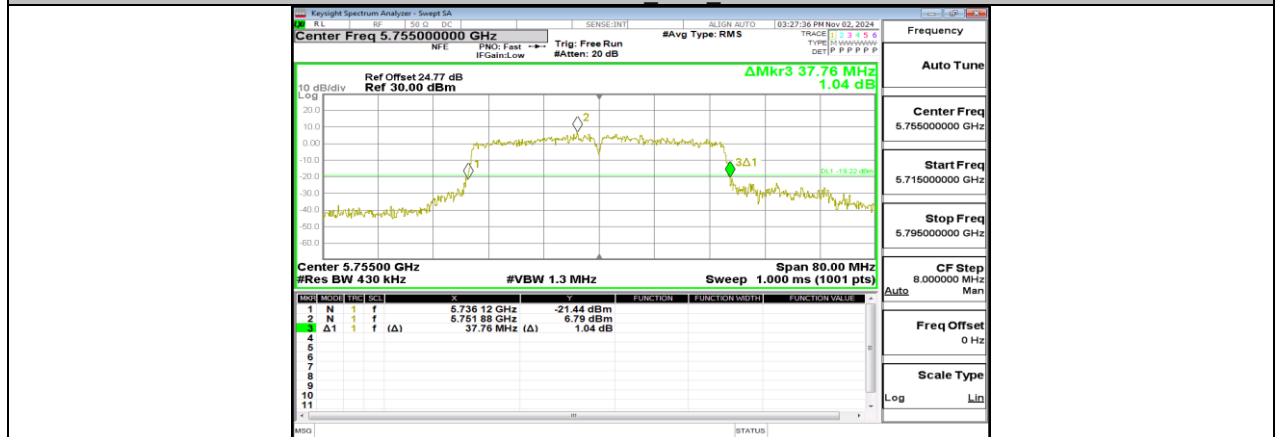
11N20MIMO Ant1 5825



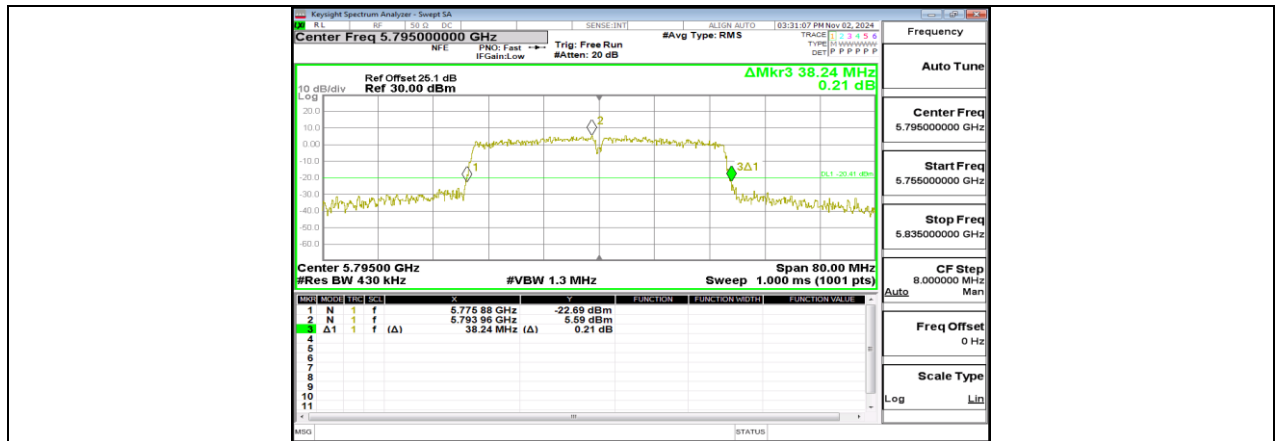
11N40MIMO Ant1 5190



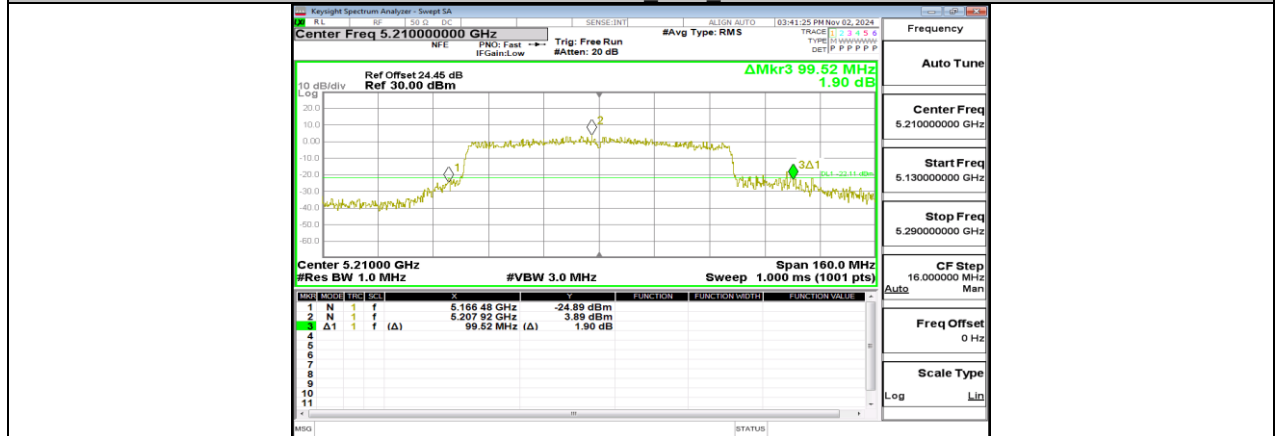
11N40MIMO Ant1 5230



11N40MIMO Ant1 5755



11N40MIMO_Ant1_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5775