

CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

XTRA SPHRA360

MODEL NUMBER: XCAMA01

REPORT NUMBER: 4791889737-1-RF-4

ISSUE DATE: September 17, 2025

FCC ID: 2BQH2-XCAMA01

Prepared for

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Prepared by

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Revision History

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

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
ON TIME AND DUTY CYCLE	ANSI C63.10-2020, Clause 12.2	None; for reporting purposes only.	Pass
6dB AND 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e)	Pass
CONDUCTED OUTPUT POWER	KDB 789033 D02 v02r01 Section E.3.a (Method PM)	FCC 15.407 (a)	Pass
POWER SPECTRAL DENSITY	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a)	Pass
AC Power Line Conducted Emission	ANSI C63.10-2020, Clause 6.2.	FCC 15.207	Pass
Radiated Emissions and Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
FREQUENCY STABILITY	ANSI C63.10-2020, Clause 6.8	FCC 15.407 (g)	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2)	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> when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Xtra Technology LLC
Address: 3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6124, USA

Manufacturer Information

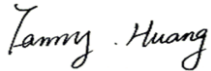
Company Name: Xtra Technology LLC
Address: 3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6124, USA

EUT Information

EUT Name: XTRA SPHRA360
Model: XCAMA01
Sample Received Date: July 24, 2025
Sample Status: Normal
Sample ID: 8745003
Date of Tested: July 24, 2025 to August 8, 2025

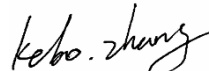
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART E	Pass

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Checked By:



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2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART E , ANSI C63.10-2020, CFR 47 FCC Part 2, KDB 789033 D02 v02r01, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note 1:

All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:

The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:

For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 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	XTRA SPHRA360
Model	XCAMA01
Frequency Range:	5180 MHz to 5240 MHz 5745 MHz to 5825 MHz
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)
Normal Test Voltage:	DC 3.87 via Battery

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)
a	5150 ~ 5250	14.05
n HT20		15.76
n HT40		15.14
ac VHT80		14.96
ax HE20		15.78
ax HE40		15.49
ax HE80		15.30

UNII-3 BAND(FCC&ISED)

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)
a	5725 ~ 5850	18.08
n HT20		18.29
n HT40		17.97
ac VHT80		17.96
ax HE20		18.30
ax HE40		18.25
ax HE80		18.16

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

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

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	SetUp

Mode	Freq(MHz)	Tx power from QA(dBm)	
		ANT1	ANT2
802.11a	5180	14	14
	5200	14	14
	5240	14	14
	5745	17	17
	5785	17	17
	5825	17	17
802.11n 20M	5180	13	13
	5200	13	13
	5240	13	13
	5745	14	14
	5785	14	14
	5825	14	14
802.11n 40M	5190	13	13
	5230	13	13
	5755	14	14
	5795	14	14
802.11ac 80M	5210	13	13
	5775	14	14
802.11ax 20M	5180	13	13
	5200	13	13
	5240	13	13
	5745	14	14
	5785	14	14
	5825	14	14
802.11ax 40M	5190	13	13
	5230	13	13
	5755	14	14
	5795	14	14
802.11ax 80M	5210	13	13
	5775	14	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

802.11a only support SISO mode.

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

802.11ax HE20/HE40/HE80 only support Full RU mode.

802.11n/ac/ax SISO mode and MIMO mode have the same power setting, so only the worst case power mode(MIMO) will be record in the report.

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 2 separate antennas: antenna 1 and antenna 2.

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

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.

The EUT support Cyclic Shift Diversity(CDD), Space Time Coding(STBC), Spartial Division Multiplexing(SDM) modes. They use the same conducted power per chain in any given mode, so we only chose the worst case mode CDD for final testing.

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5150-5250	PCB antenna	1.07
2	5150-5250	PCB antenna	-1.62

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 mothded.

For output power measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 1.07 \text{ dBi}$

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 power spectral density (PSD) measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 4.08 \text{ dBi}$

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 $N_{SS} = 1$

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5725-5850	PCB antenna	1.34
2	5725-5850	PCB antenna	0.41

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 mothded.

For output power measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 1.34 \text{ dBi}$

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 power spectral density (PSD) measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 4.35 \text{ dBi}$

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	☒ 2TX, 2RX	ANT 1 and ANT 2 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.
Note: 1. BT&WLAN 2.4G, BT & WLAN 5G, WLAN 2.4G & WLAN 5G can't transmit simultaneously (Declared by client)		

5.8. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remark
1	PC	Lenovo	E42-80	/
2	AC Adaptor	Lenovo	ADLX65YCC3D	Input: AC 100-240V, 1.8A, 50-60Hz Output: DC 20V, 3.25A, 65.0W Max

I/O CABLES

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

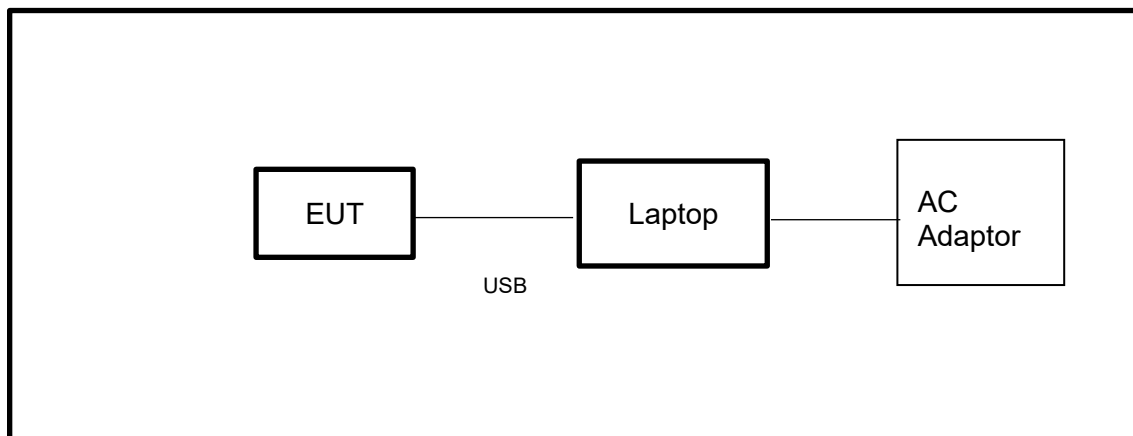
ACCESSORIES

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

TEST SETUP

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

SETUP DIAGRAM FOR TESTS



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

6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Dec.27,2024	Dec.26,2025
Vector Signal Generator	R&S	SMBV100A	261637	Sep.28, 2024	Sep.27, 2025
Signal Generator	R&S	SMB100A	178553	Sep.28, 2024	Sep.27, 2025
Signal Analyzer	R&S	FSV40	101118	Sep.28, 2024	Sep.27, 2025
Software					
Description	Manufacturer		Name		Version
For R&S TS 8997 Test System	Rohde & Schwarz		EMC 32		10.60.10
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.13, 2024	Sep.12, 2025
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Sep.28, 2024	Sep.27, 2025
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Sep.28, 2024	Sep.27, 2025
DC power supply	Keysight	E3642A	MY55159130	Sep.28, 2024	Sep.27, 2025
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Sep.28, 2024	Sep.27, 2025
Attenuator	Aglient	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025
RF Control Unit	Tonscend	JS0806-2	23B80620666	Dec.27,2024	Dec.26,2025
Software					
Description	Manufacturer	Name			Version
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System			V3.2.22

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

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep.28, 2024	Sep.27, 2025
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	Sep.28, 2024	Sep.27, 2025
EMI Measurement Receiver	R&S	ESR26	101377	Sep.28, 2024	Sep.27, 2025
Horn Antenna	TDK	HRN-0118	130940	Dec.10, 2024	Dec.11, 2027
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep.28, 2024	Sep.27, 2025
Horn Antenna	Schwarzbeck	BBHA9170	697	Jun 30, 2024	Jun 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep.28, 2024	Sep.27, 2025
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep.28, 2024	Sep.27, 2025
Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
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
Software					
Description			Manufacturer	Name	Version

Test Software for Radiated Emissions	Farad	EZ-EMC	Ver. UL-3A1
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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

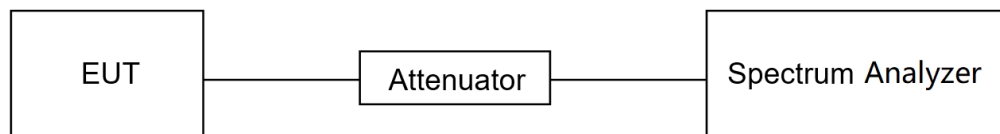
None; for reporting purposes only.

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	22.3°C	Relative Humidity	51.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87V

TEST DATE / ENGINEER

Test Date	July 31, 2025	Test By	Walker Yuan
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TEST RESULTS

Please refer to section "Test Data" - Appendix A

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

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	For reporting purposes only.	5150 ~ 5250
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 ISSED) 5650 ~ 5725 (For ISSED)
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 ISSED)

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.

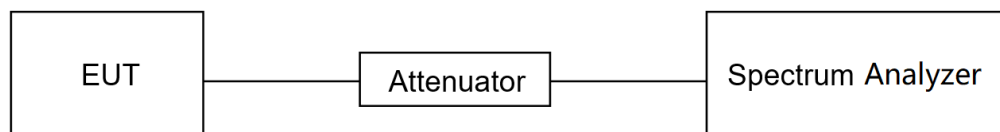
Connect the EUT to the spectrum analyser and use the following settings:

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

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6/26 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.3°C	Relative Humidity	51.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87V

TEST DATE / ENGINEER

Test Date	July 31, 2025	Test By	Walker Yuan
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TEST RESULTS

Please refer to section "Test Data" - Appendix C&D&F

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

Note:

The above limits are based upon the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

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

Method PM (Measurement using an RF average power meter):

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:

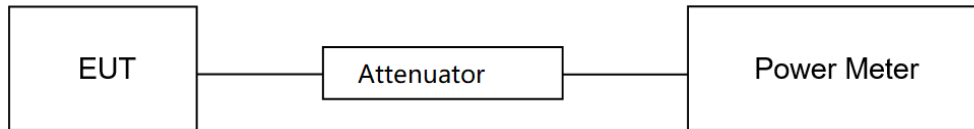
- The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
- The integration period of the power meter exceeds the repetition period of the transmitted signal by at 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	22.3°C	Relative Humidity	51.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87V

TEST DATE / ENGINEER

Test Date	July 31, 2025	Test By	Walker Yuan
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TEST RESULTS

Please refer to section "Test Data" - Appendix B

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

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:

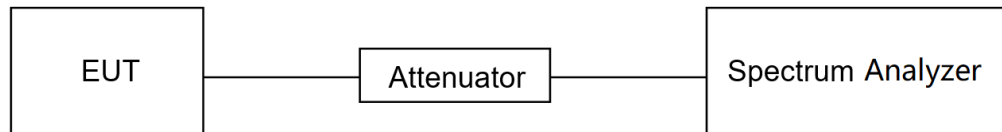
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average

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	22.3℃	Relative Humidity	51.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87V

TEST DATE / ENGINEER

Test Date	July 31, 2025	Test By	Walker Yuan
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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 -20 °C ~ 45 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

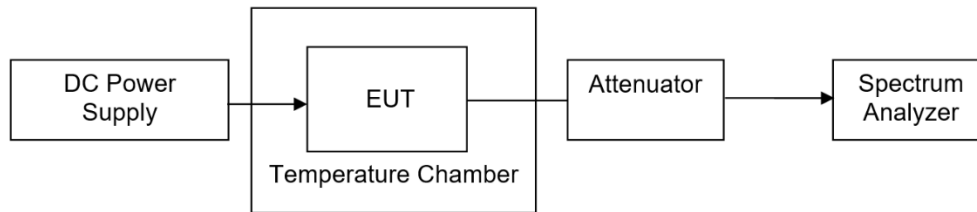
Connect the EUT to the spectrum analyzer and use the following settings:

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

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

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T _N (Normal Temperature): 25.1 °C	T _L (Low Temperature): -20 °C
		T _H (High Temperature): 45 °C
Supply Voltage	V _N (Normal Voltage): DC 3.87 V	V _L (Low Voltage): DC 3.483V
		V _H (High Voltage): DC 4.257V

TEST SETUP**TEST ENVIRONMENT**

Temperature	22.3°C	Relative Humidity	51.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87V

TEST DATE / ENGINEER

Test Date	July 31, 2025	Test By	Walker Yuan
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TEST RESULTS

Please refer to section "Test Data" - Appendix G

8. RADIATED TEST RESULTS

LIMITS

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

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

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

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

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

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

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

²Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b).

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
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1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

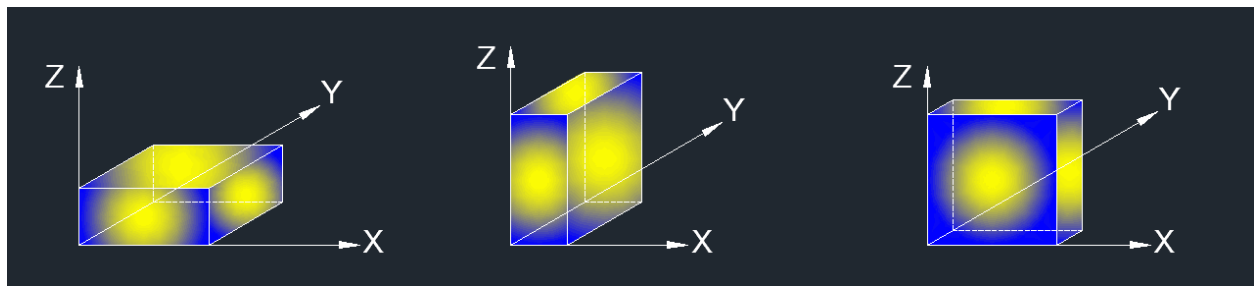
Above 1 GHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in 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 (Z 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.

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

Note:

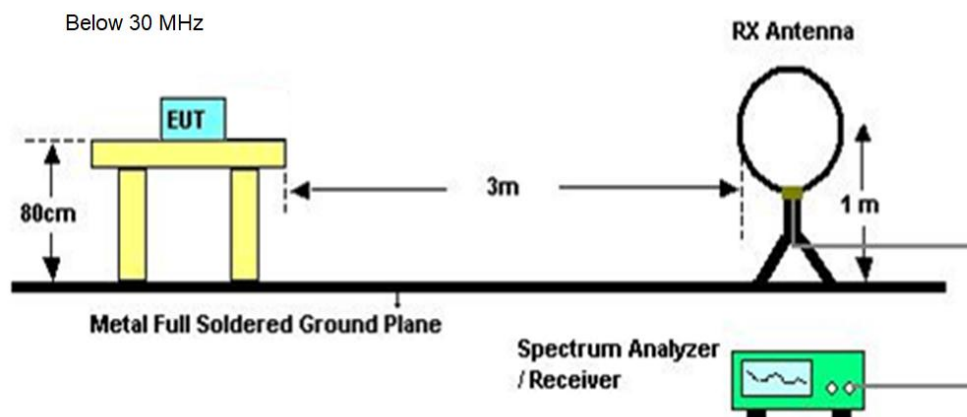
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

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

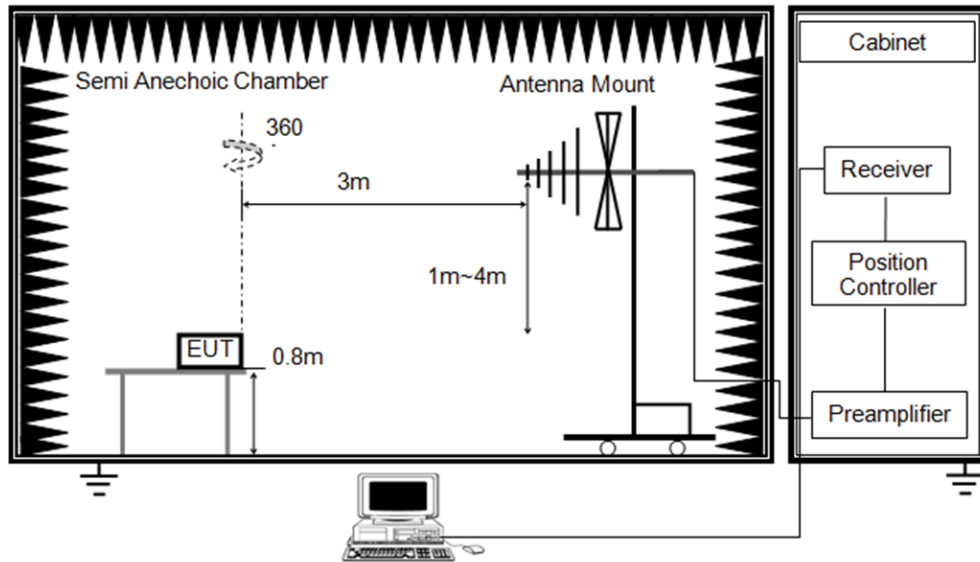
Note:

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.

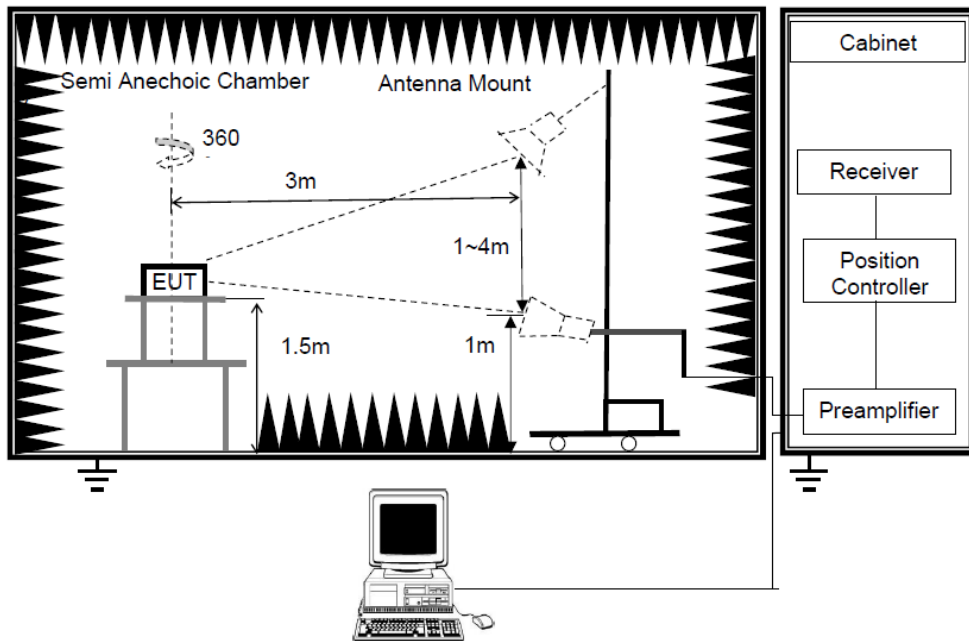
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	21.5°C	Relative Humidity	61.8%
Atmosphere Pressure	101kPa	Test Voltage	

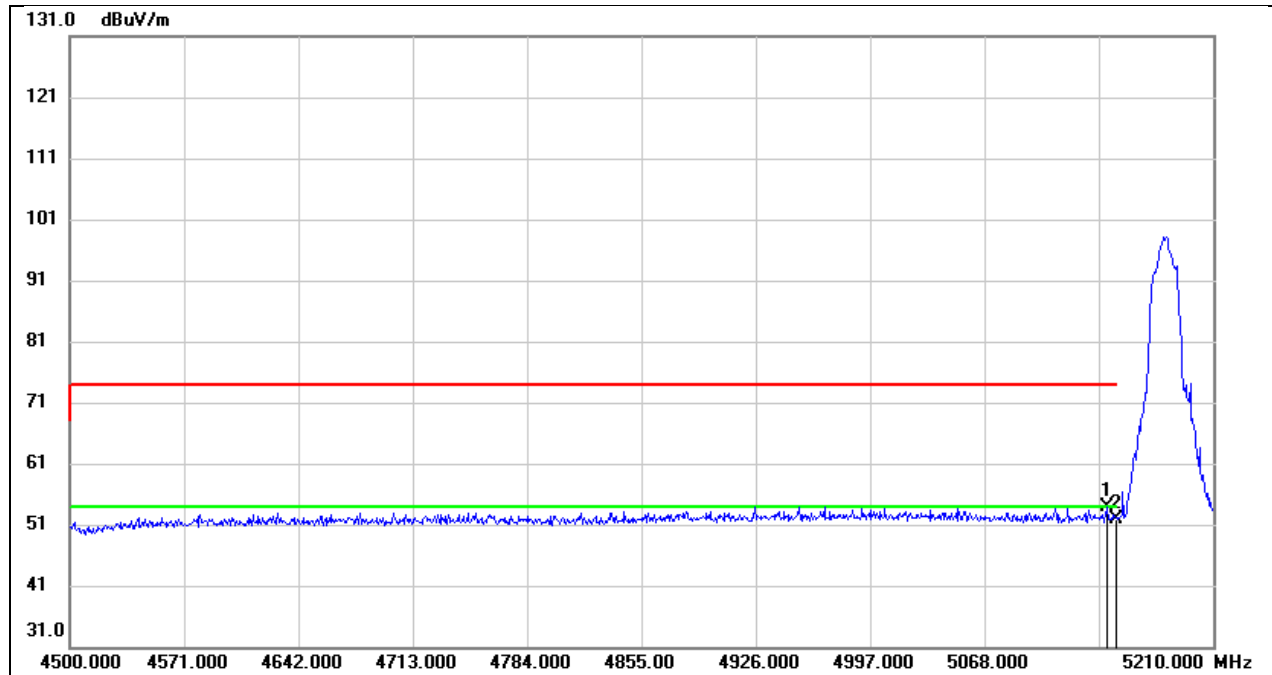
TEST DATE / ENGINEER

Test Date	August 7, 2025	Test By	Mason Wang
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TEST RESULTS

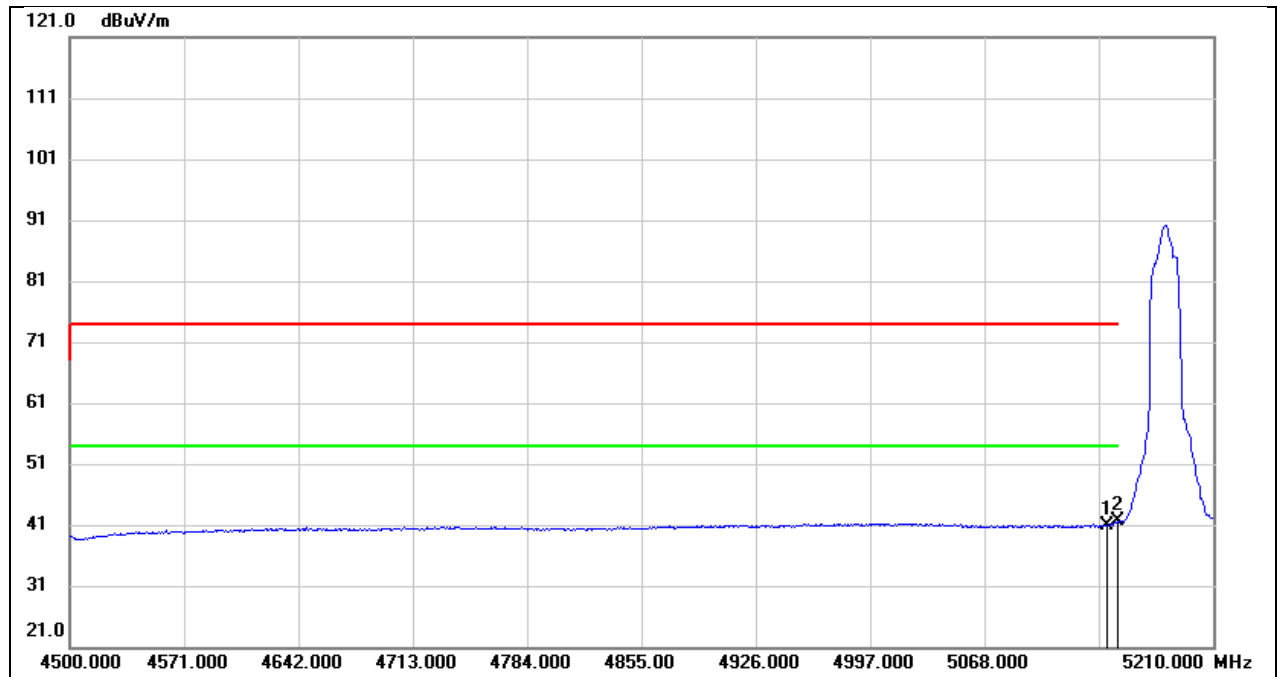
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11a 20 PK	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



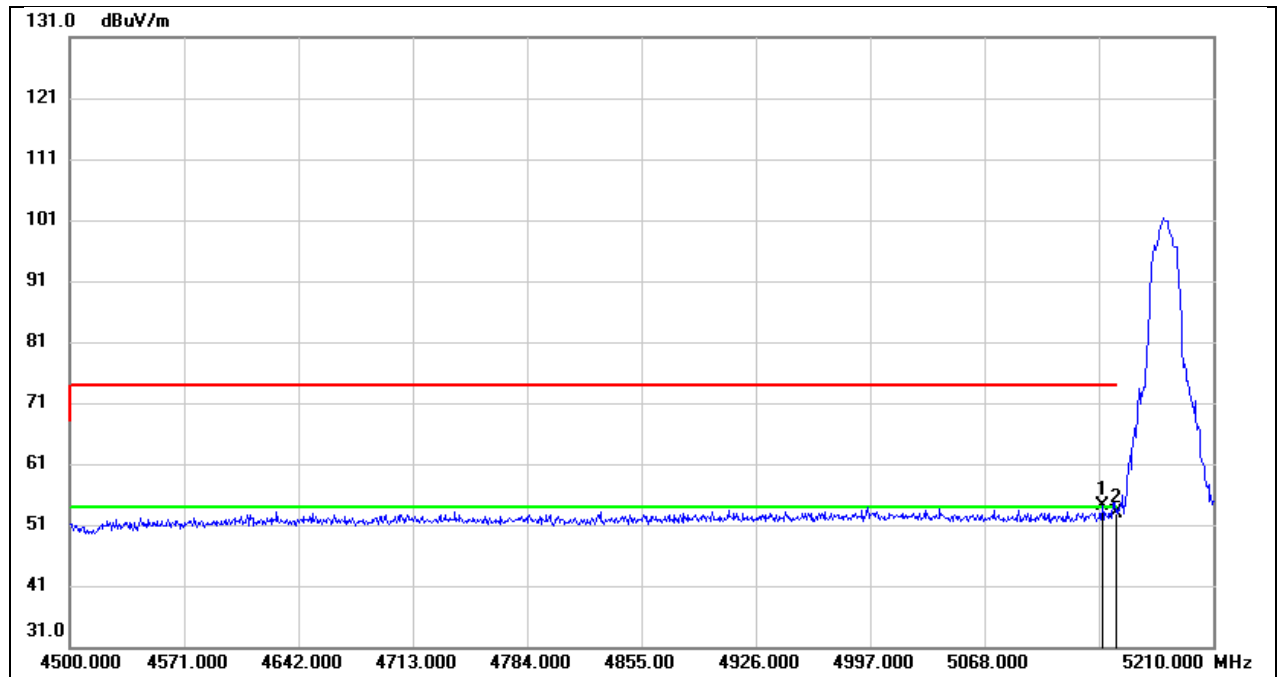
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.970	15.10	38.88	53.98	74.00	-20.02	peak
2	5150.000	13.06	38.88	51.94	74.00	-22.06	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



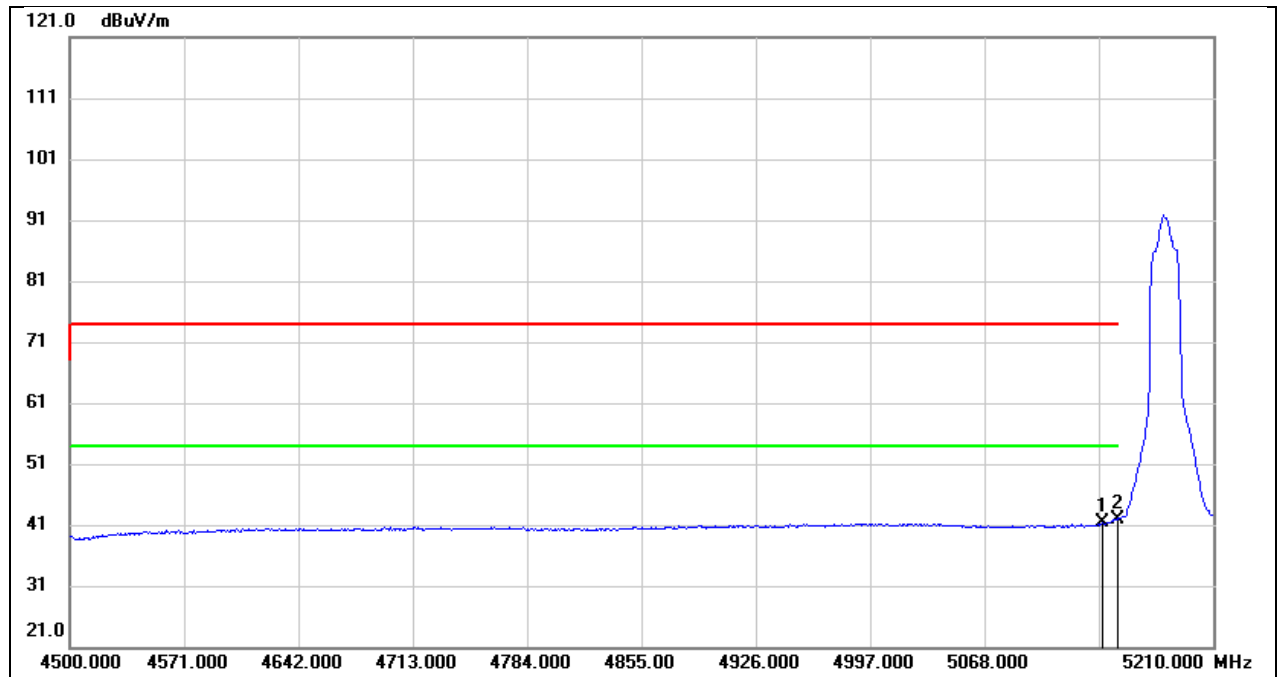
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.970	2.08	38.88	40.96	54.00	-13.04	AVG
2	5150.000	2.67	38.88	41.55	54.00	-12.45	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



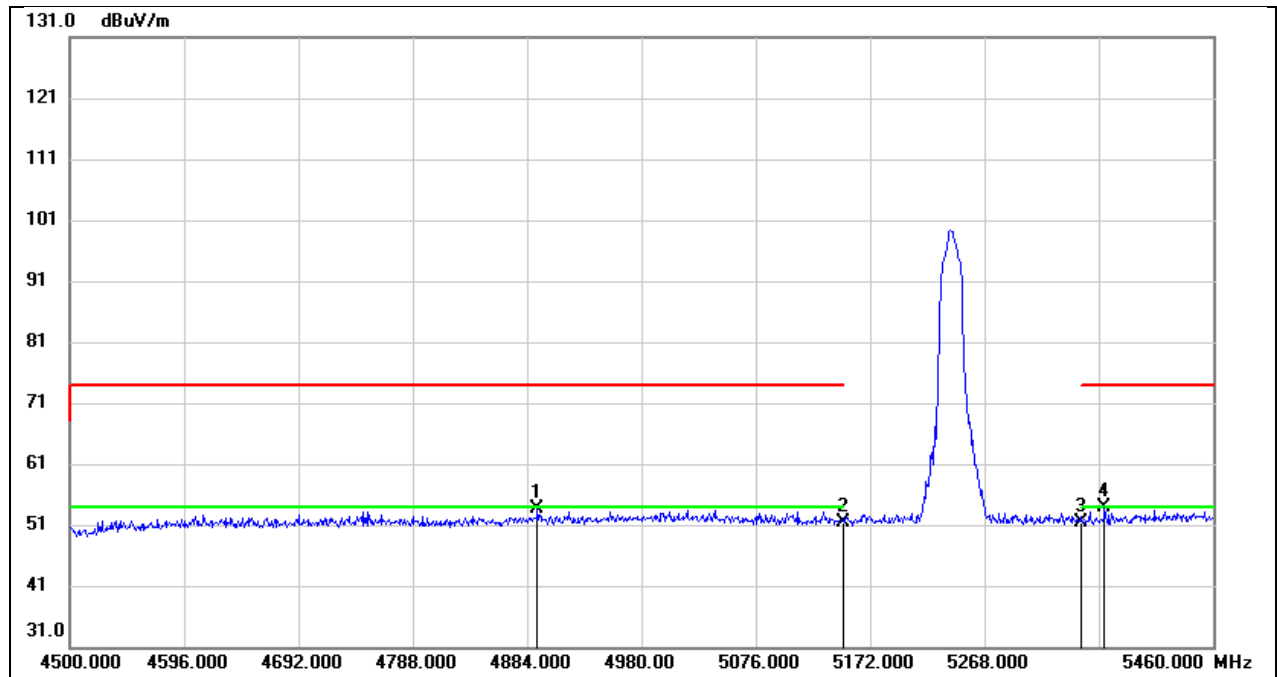
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.130	15.16	38.87	54.03	74.00	-19.97	peak
2	5150.000	13.88	38.88	52.76	74.00	-21.24	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



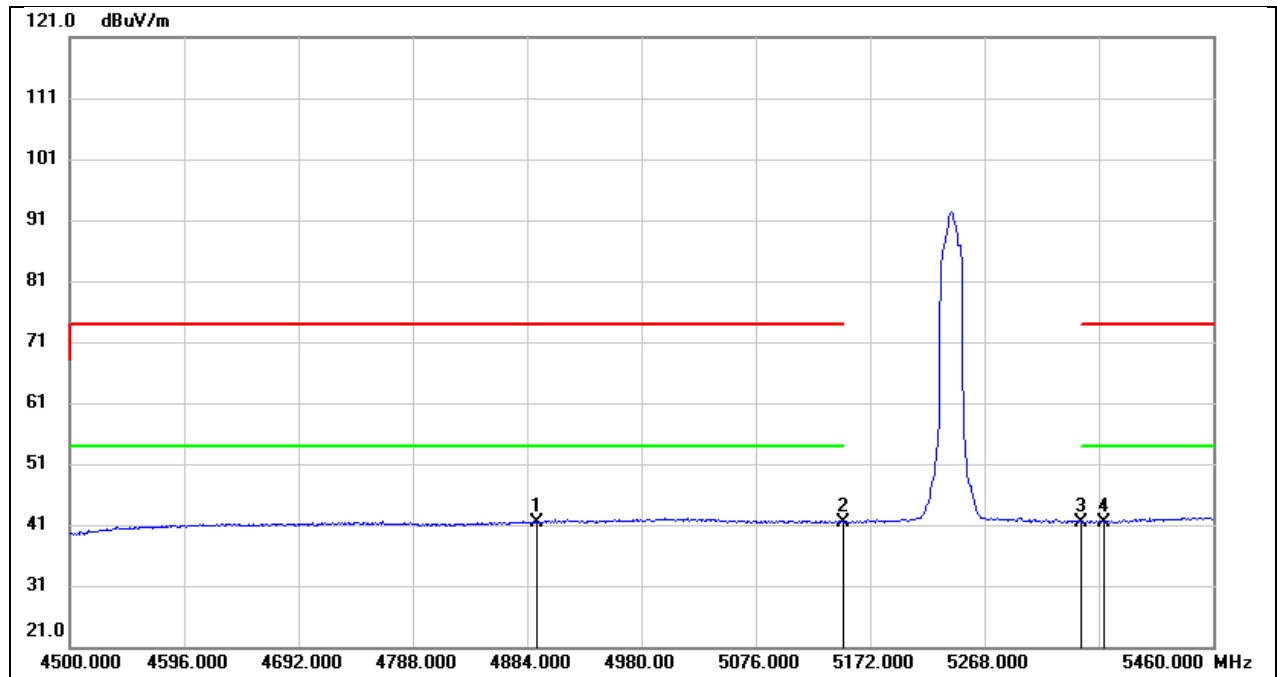
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.130	2.56	38.87	41.43	54.00	-12.57	AVG
2	5150.000	3.11	38.88	41.99	54.00	-12.01	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



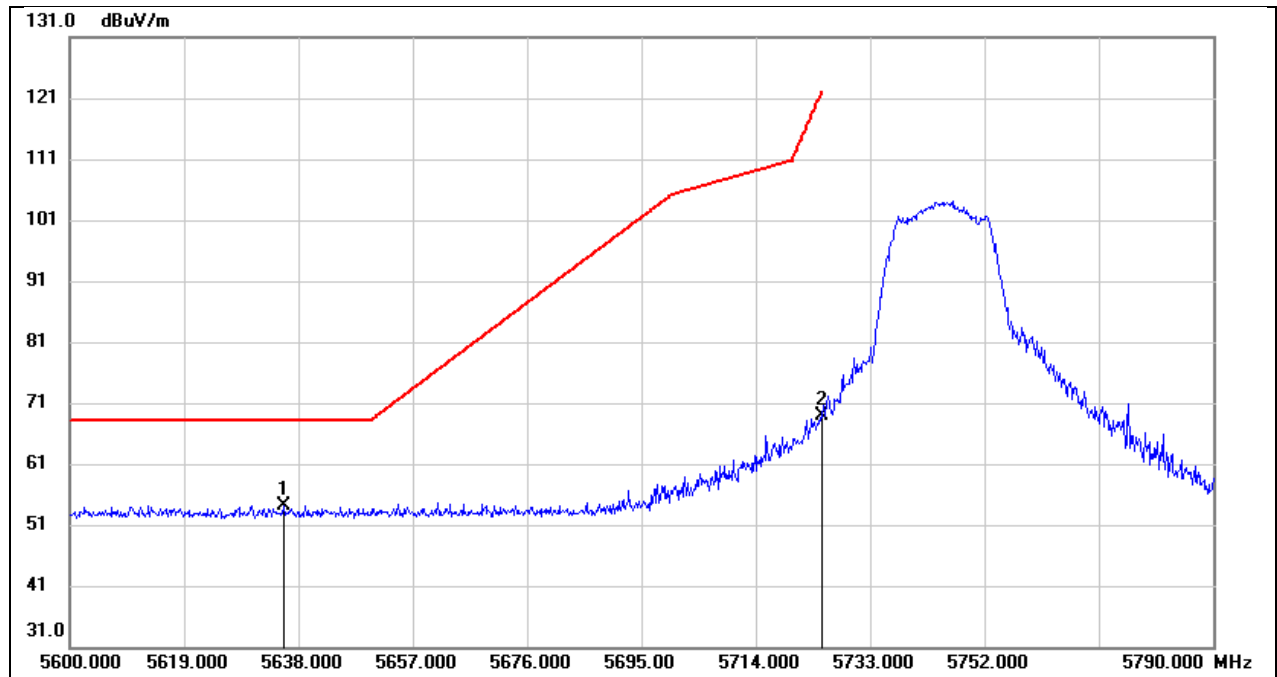
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4892.640	15.16	38.49	53.65	74.00	-20.35	peak
2	5150.000	12.57	38.88	51.45	74.00	-22.55	peak
3	5350.000	12.22	39.25	51.47	74.00	-22.53	peak
4	5368.800	14.53	39.29	53.82	74.00	-20.18	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



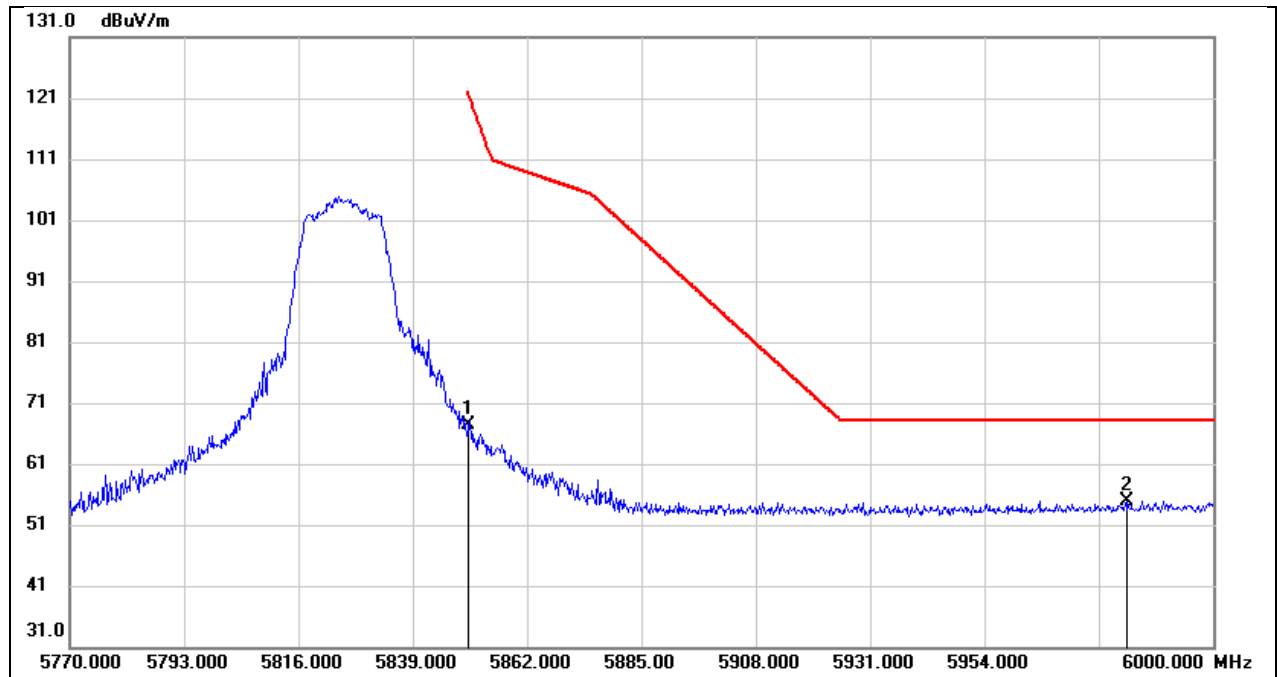
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4892.640	2.98	38.49	41.47	54.00	-12.53	AVG
2	5150.000	2.60	38.88	41.48	54.00	-12.52	AVG
3	5350.000	2.17	39.25	41.42	54.00	-12.58	AVG
4	5368.800	2.19	39.29	41.48	54.00	-12.52	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



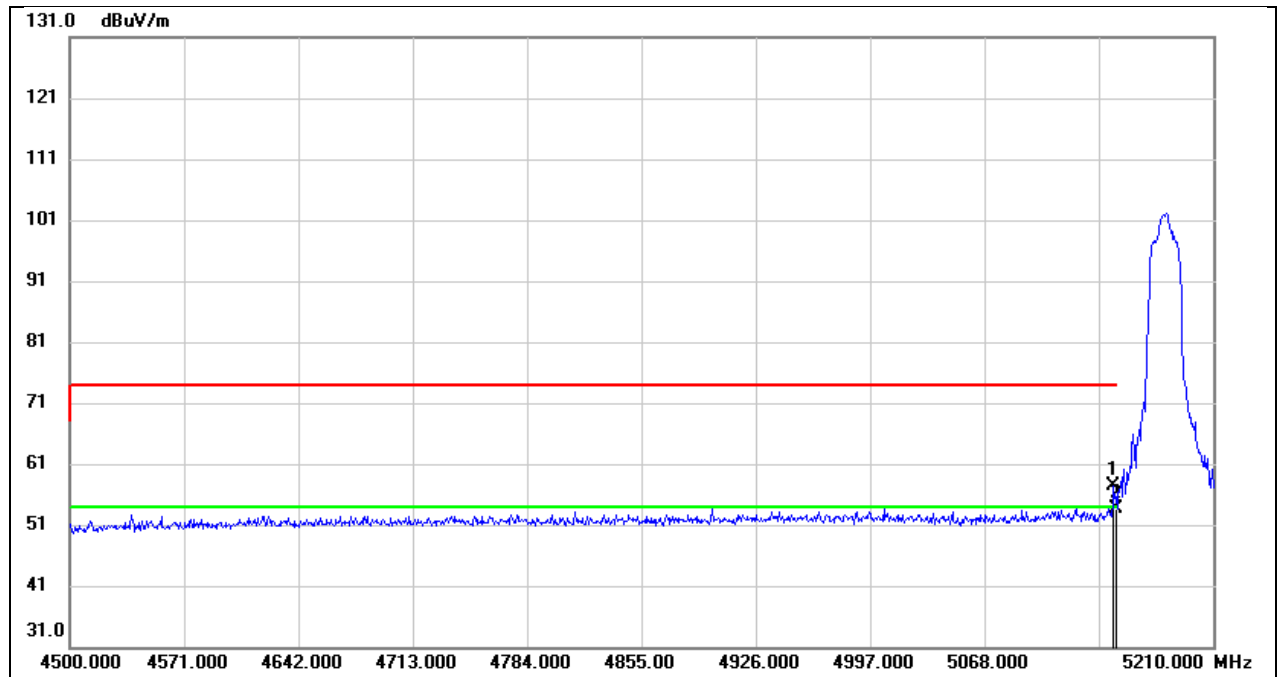
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.530	14.28	39.85	54.13	68.20	-14.07	peak
2	5725.000	28.86	39.94	68.80	122.20	-53.40	peak

Test Mode:	802.11a 20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



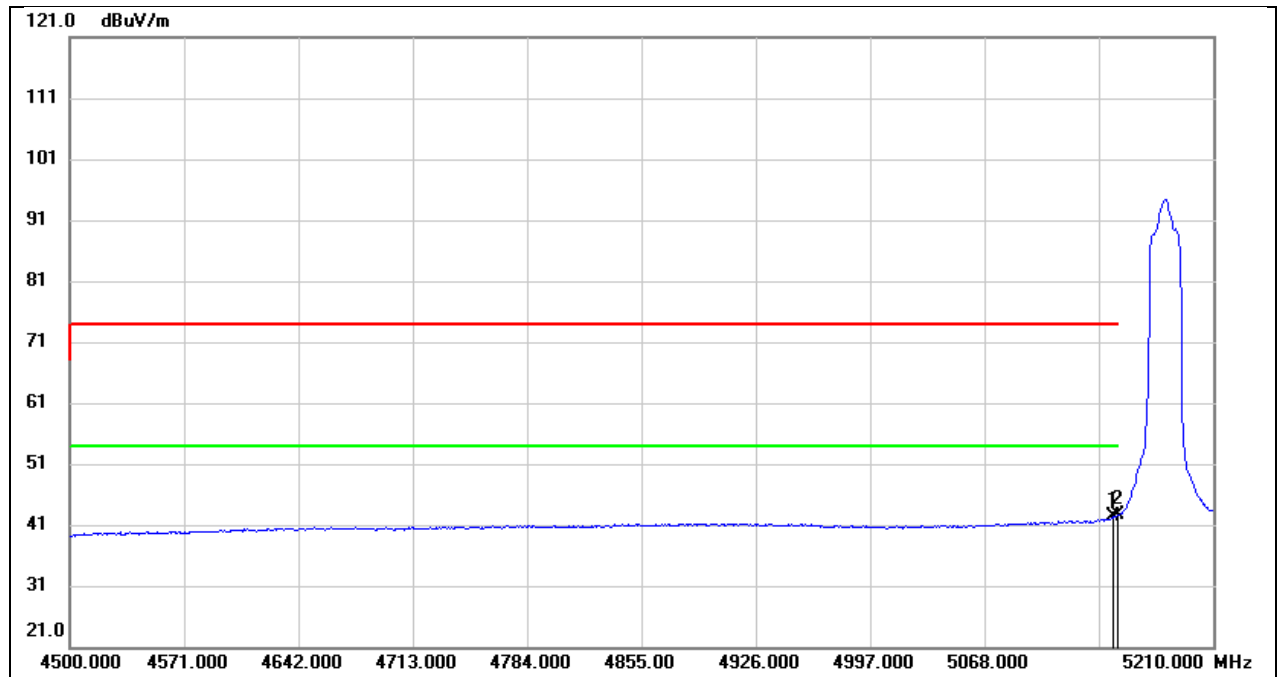
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	27.23	40.13	67.36	122.20	-54.84	peak
2	5982.750	14.47	40.42	54.89	68.20	-13.31	peak

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



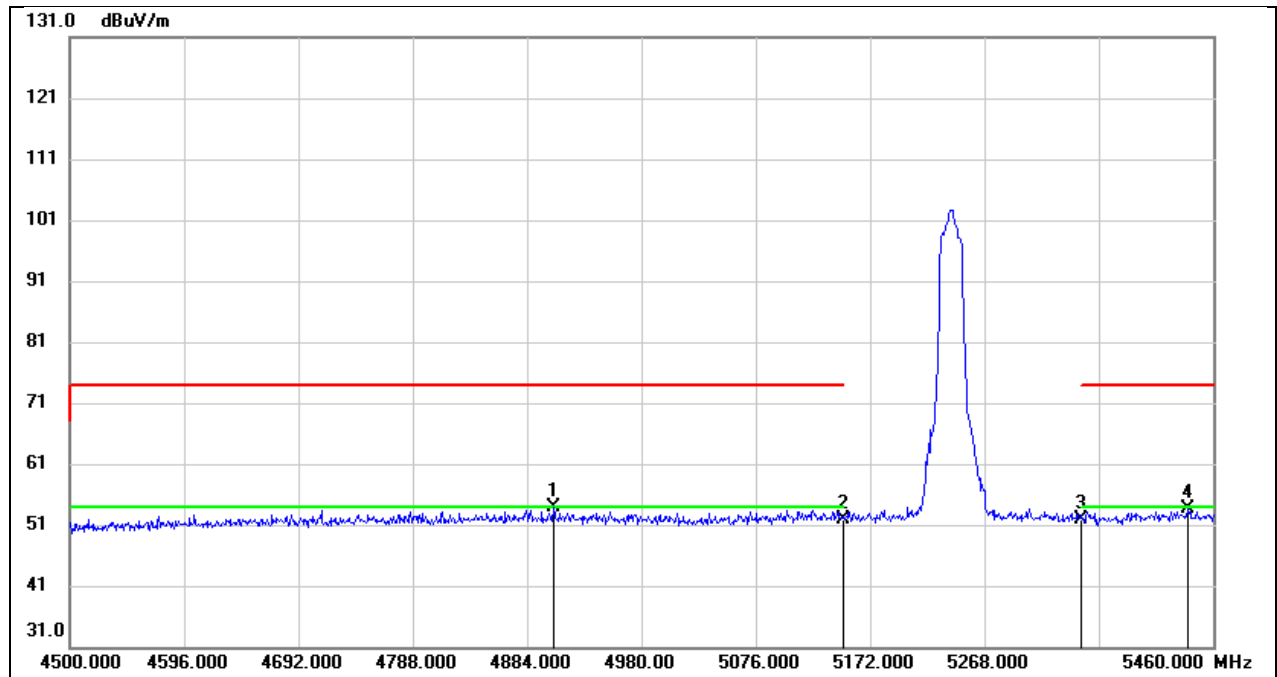
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.230	18.45	38.88	57.33	74.00	-16.67	peak
2	5150.000	14.74	38.88	53.62	74.00	-20.38	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



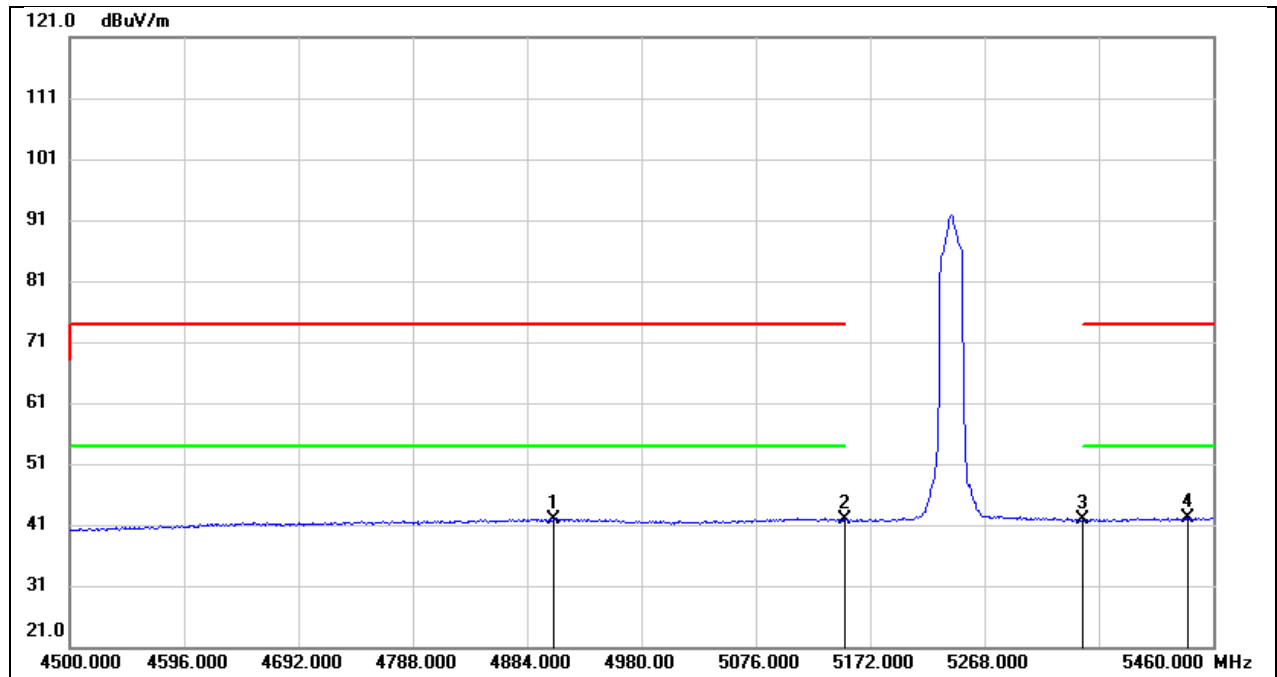
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.230	3.47	38.88	42.35	54.00	-11.65	AVG
2	5150.000	3.63	38.88	42.51	54.00	-11.49	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



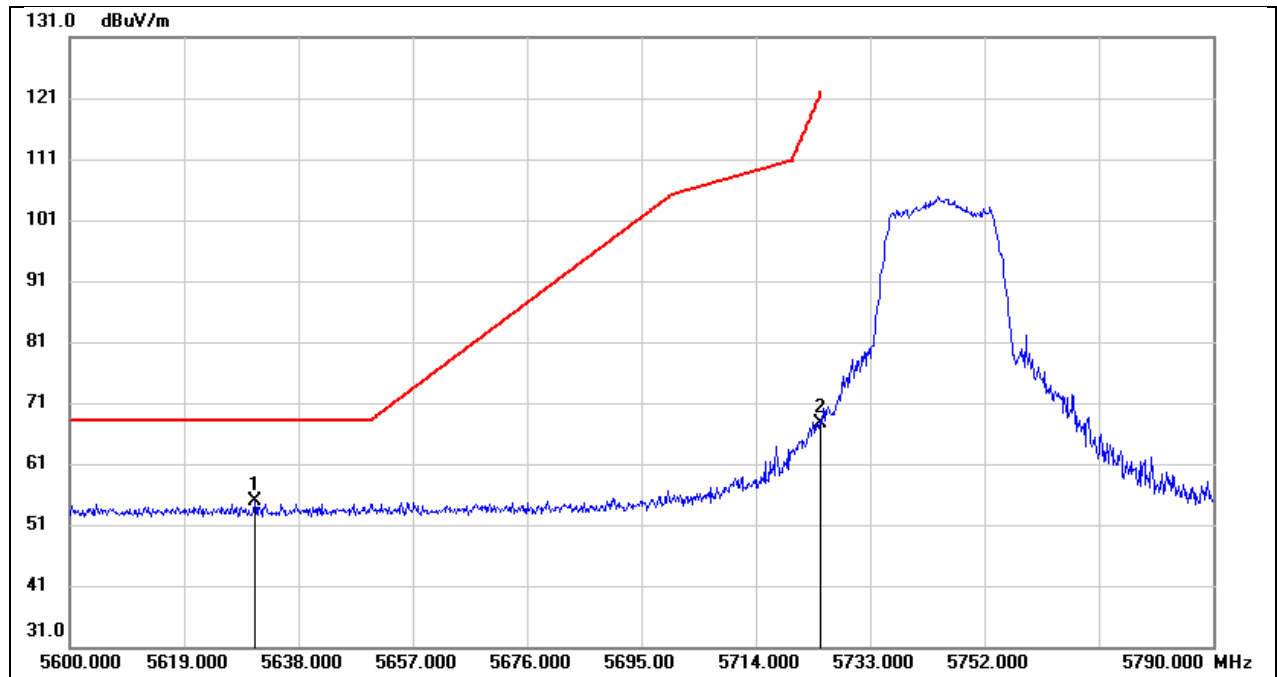
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4906.080	15.43	38.51	53.94	74.00	-20.06	peak
2	5150.000	13.07	38.88	51.95	74.00	-22.05	peak
3	5350.000	12.74	39.25	51.99	74.00	-22.01	peak
4	5438.880	14.15	39.43	53.58	74.00	-20.42	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



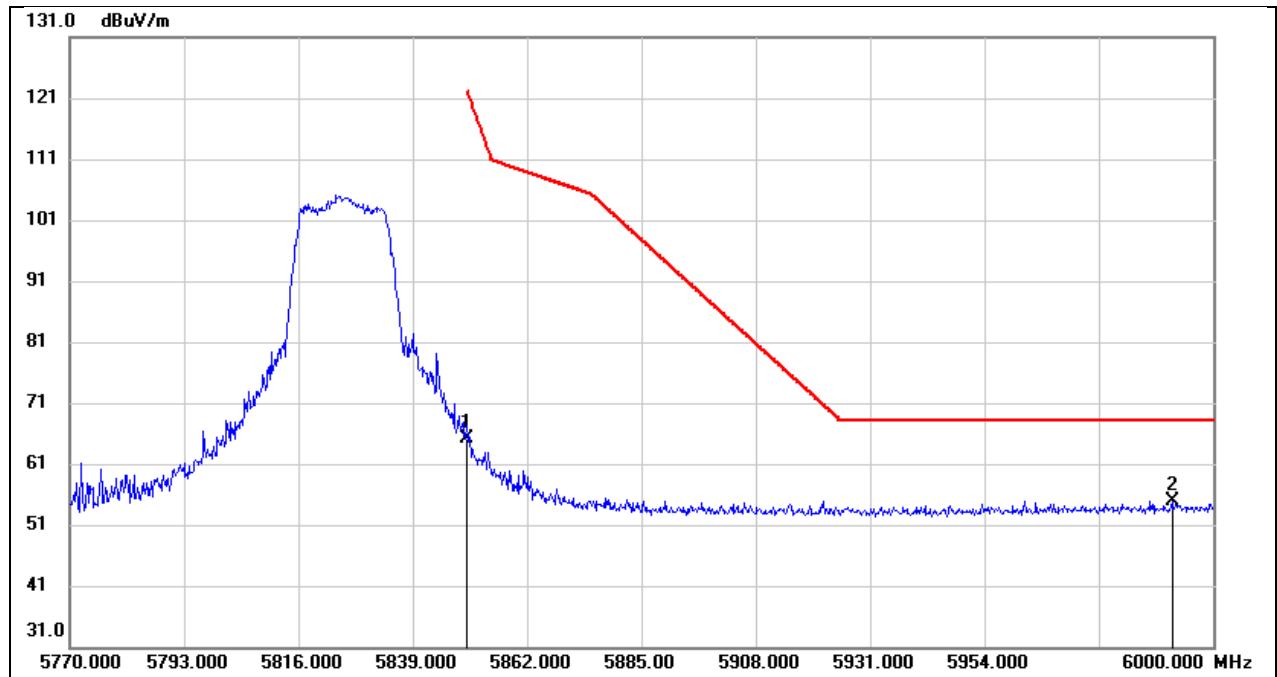
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4906.080	3.26	38.51	41.77	54.00	-12.23	AVG
2	5150.000	2.91	38.88	41.79	54.00	-12.21	AVG
3	5350.000	2.53	39.25	41.78	54.00	-12.22	AVG
4	5438.880	2.72	39.43	42.15	54.00	-11.85	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



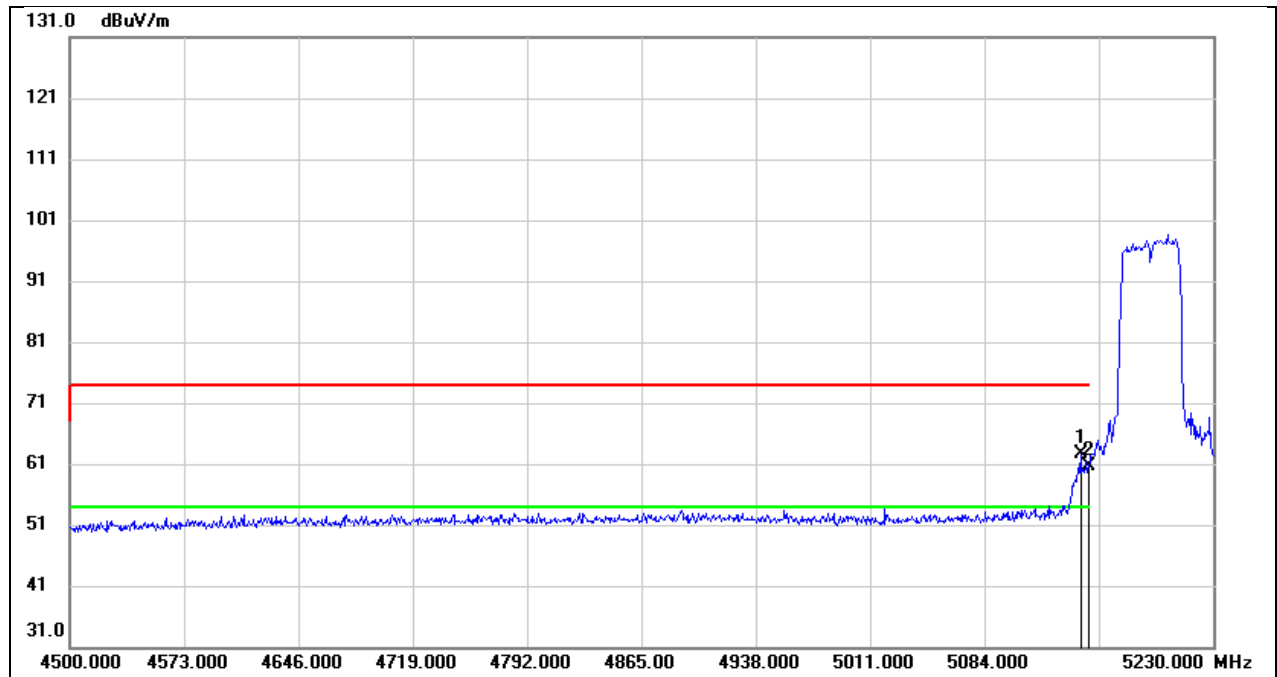
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.780	14.96	39.84	54.80	68.20	-13.40	peak
2	5725.000	27.66	39.94	67.60	122.20	-54.60	peak

Test Mode:	802.11n HT20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



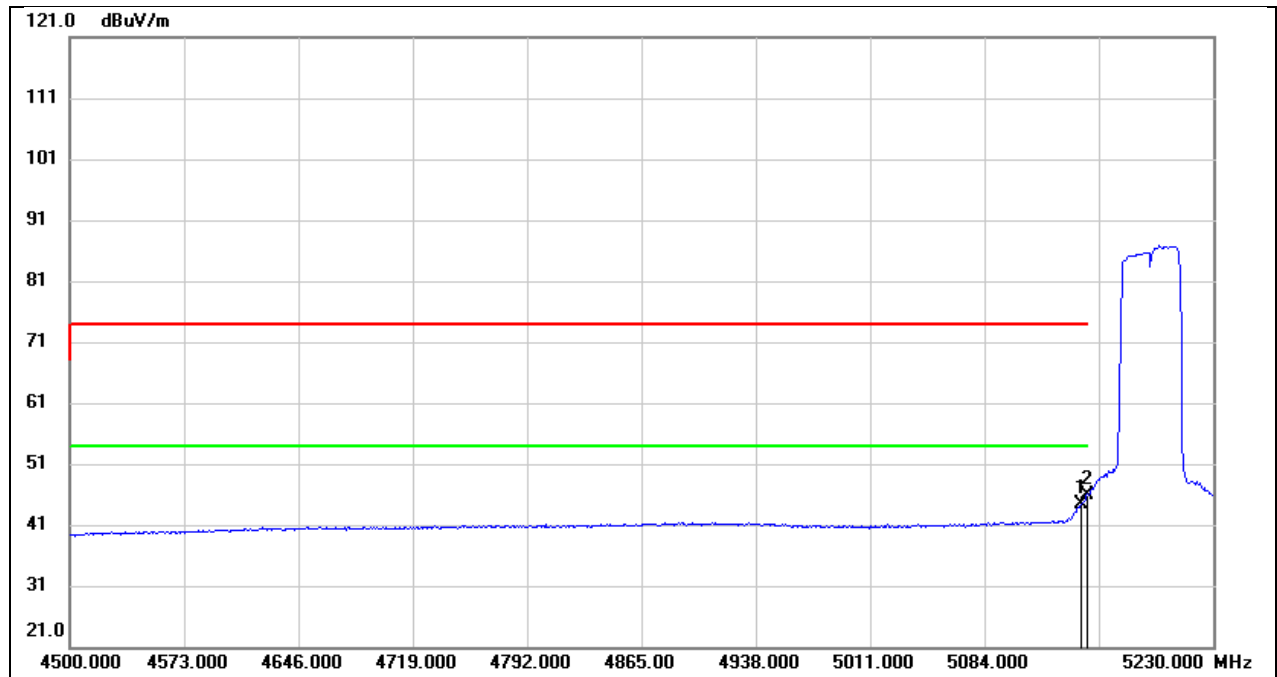
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	25.05	40.13	65.18	122.20	-57.02	peak
2	5991.720	14.47	40.43	54.90	68.20	-13.30	peak

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



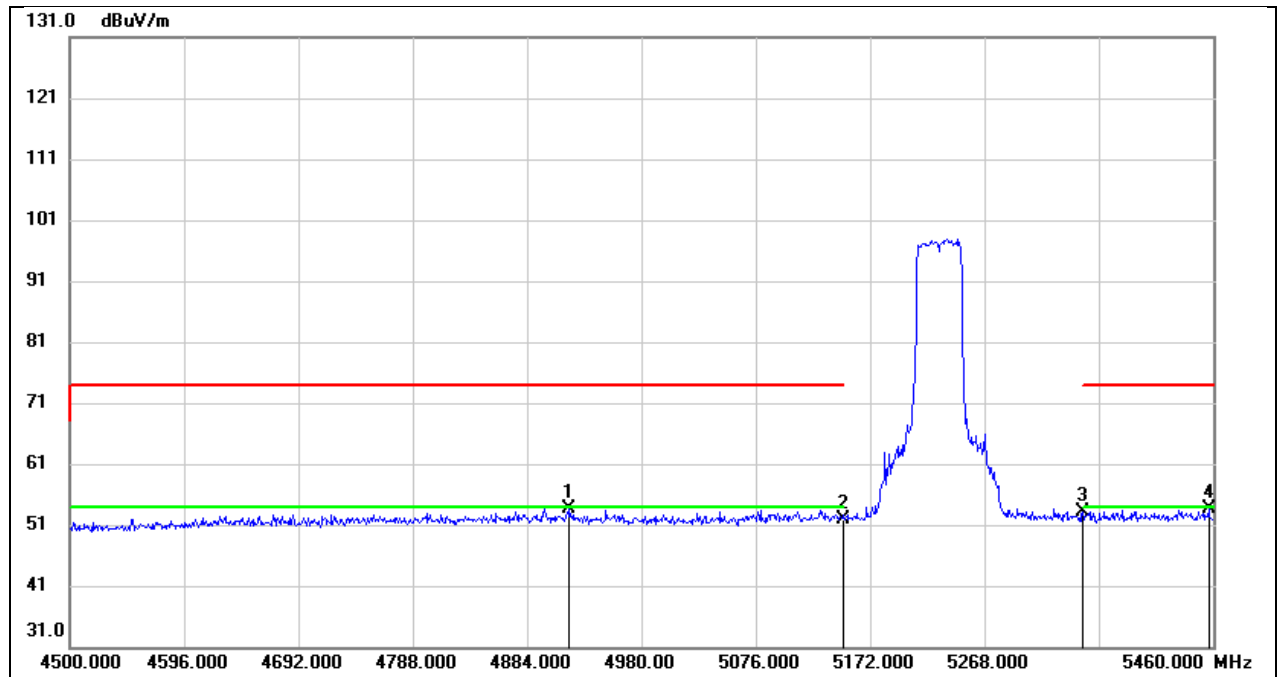
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.320	23.65	38.88	62.53	74.00	-11.47	peak
2	5150.000	21.87	38.88	60.75	74.00	-13.25	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



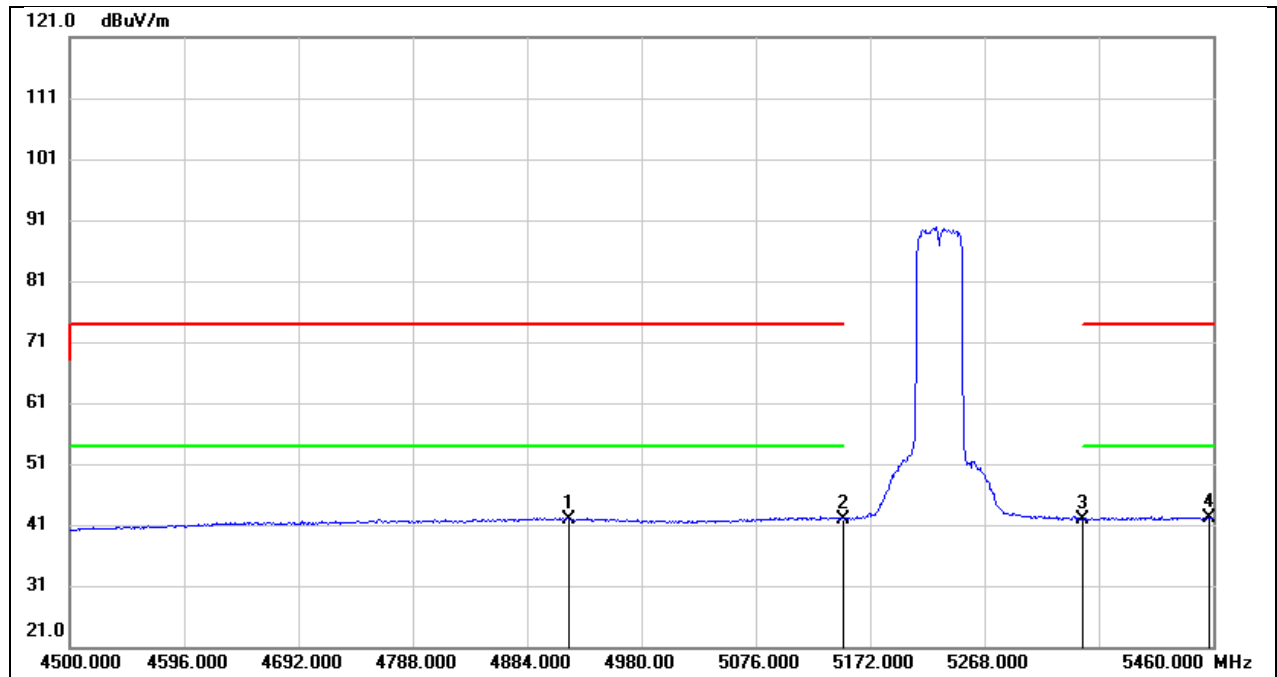
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.320	5.45	38.88	44.33	54.00	-9.67	AVG
2	5150.000	7.12	38.88	46.00	54.00	-8.00	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



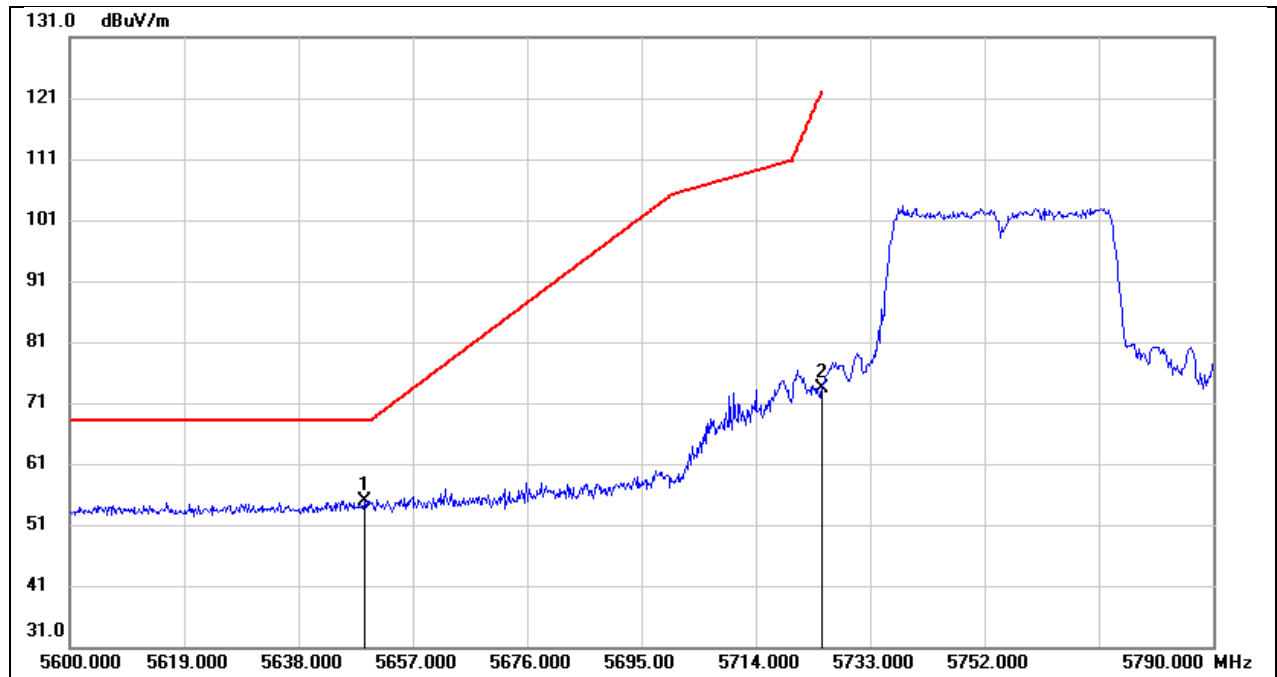
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4919.520	15.13	38.54	53.67	74.00	-20.33	peak
2	5150.000	13.09	38.88	51.97	74.00	-22.03	peak
3	5350.000	13.98	39.25	53.23	74.00	-20.77	peak
4	5456.160	14.13	39.46	53.59	74.00	-20.41	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



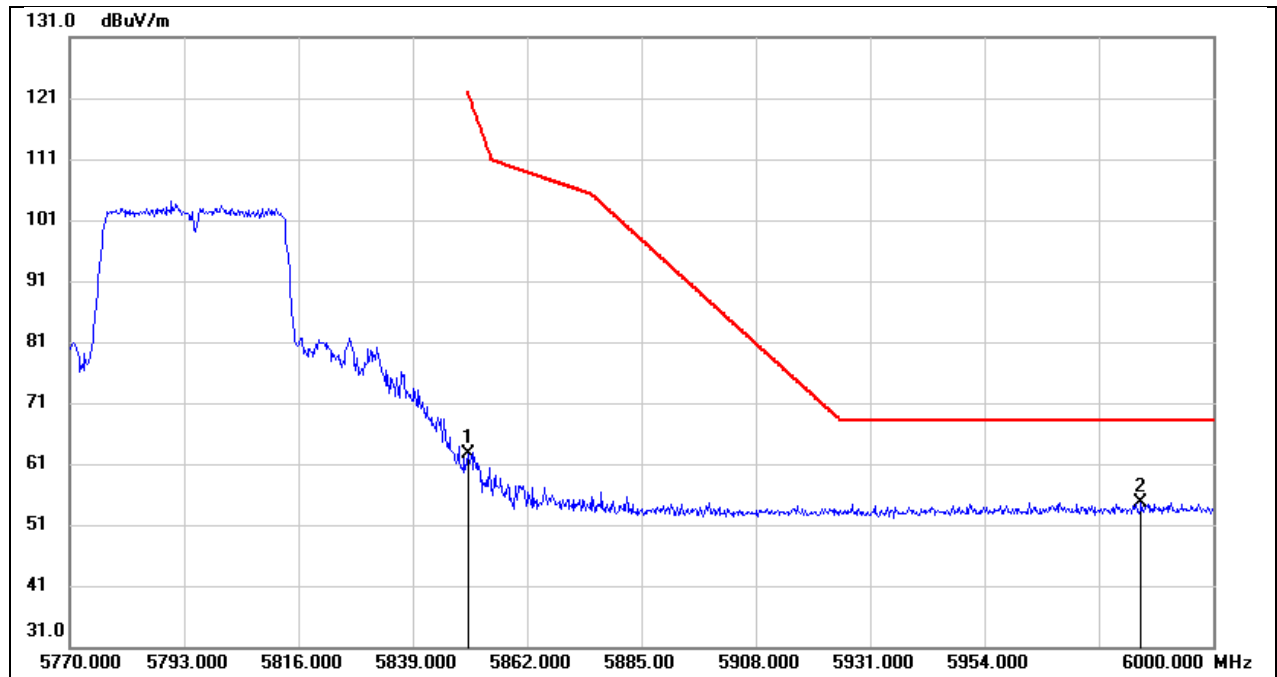
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4919.520	3.29	38.54	41.83	54.00	-12.17	AVG
2	5150.000	3.03	38.88	41.91	54.00	-12.09	AVG
3	5350.000	2.75	39.25	42.00	54.00	-12.00	AVG
4	5456.160	2.69	39.46	42.15	54.00	-11.85	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.87V



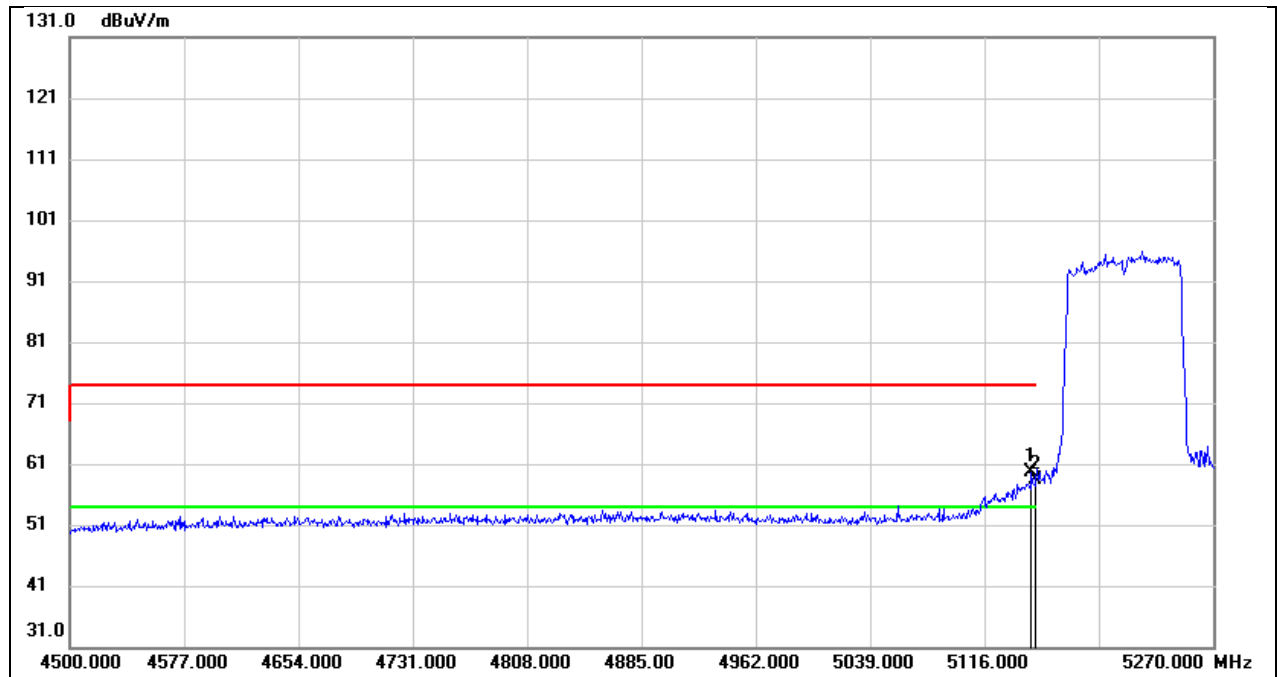
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5649.020	14.94	39.86	54.80	68.20	-13.40	peak
2	5725.000	33.50	39.94	73.44	122.20	-48.76	peak

Test Mode:	802.11n HT40 PK	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.87V



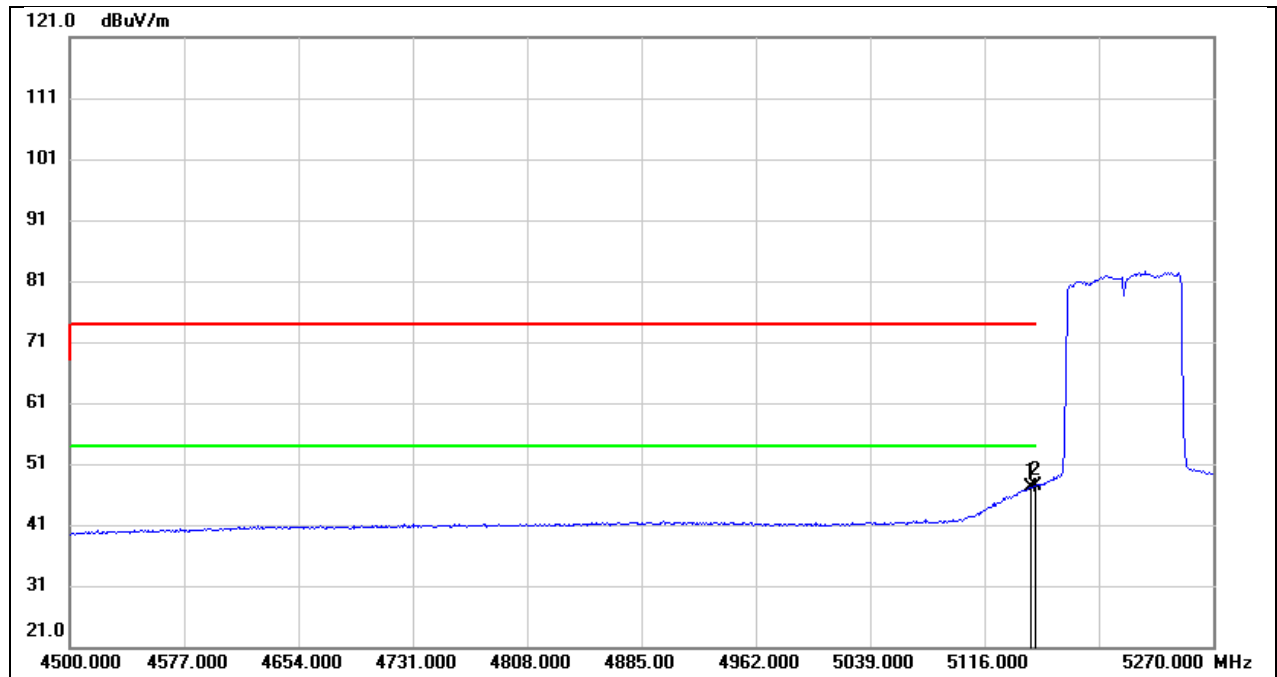
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	22.54	40.13	62.67	122.20	-59.53	peak
2	5985.510	14.27	40.42	54.69	68.20	-13.51	peak

Test Mode:	802.11ac VHT80 PK	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



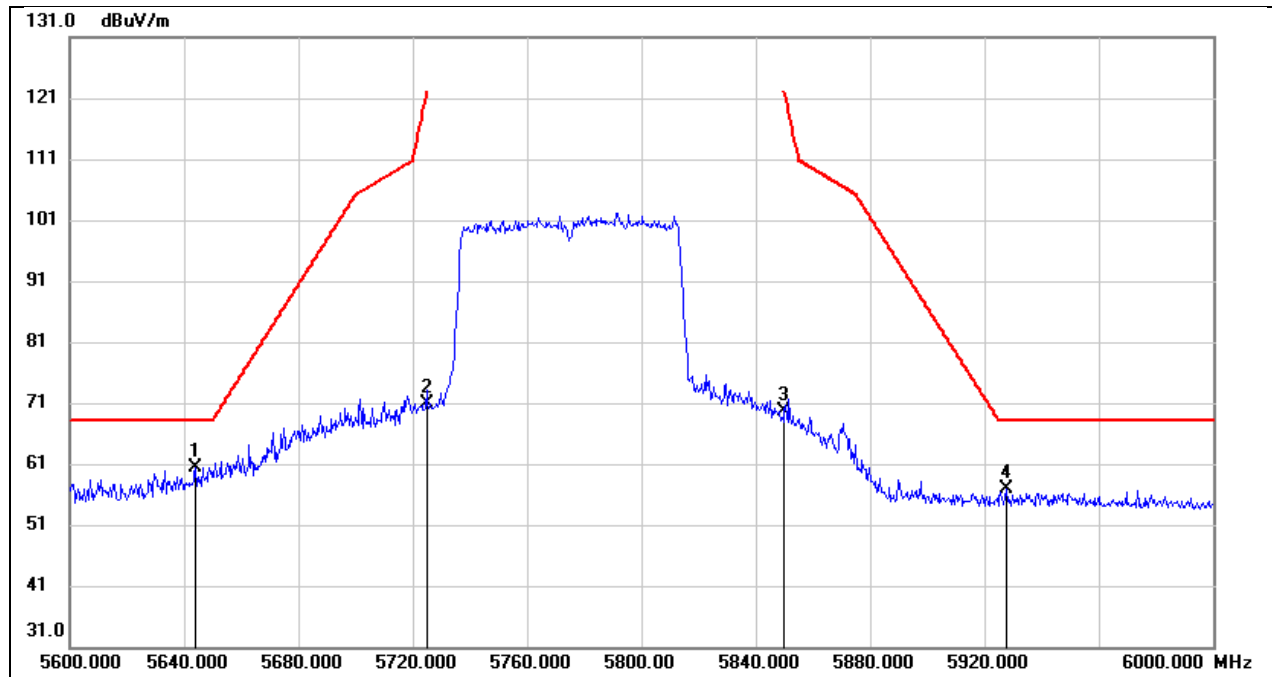
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.570	20.86	38.88	59.74	74.00	-14.26	peak
2	5150.000	19.42	38.88	58.30	74.00	-15.70	peak

Test Mode:	802.11ac VHT80 AV	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



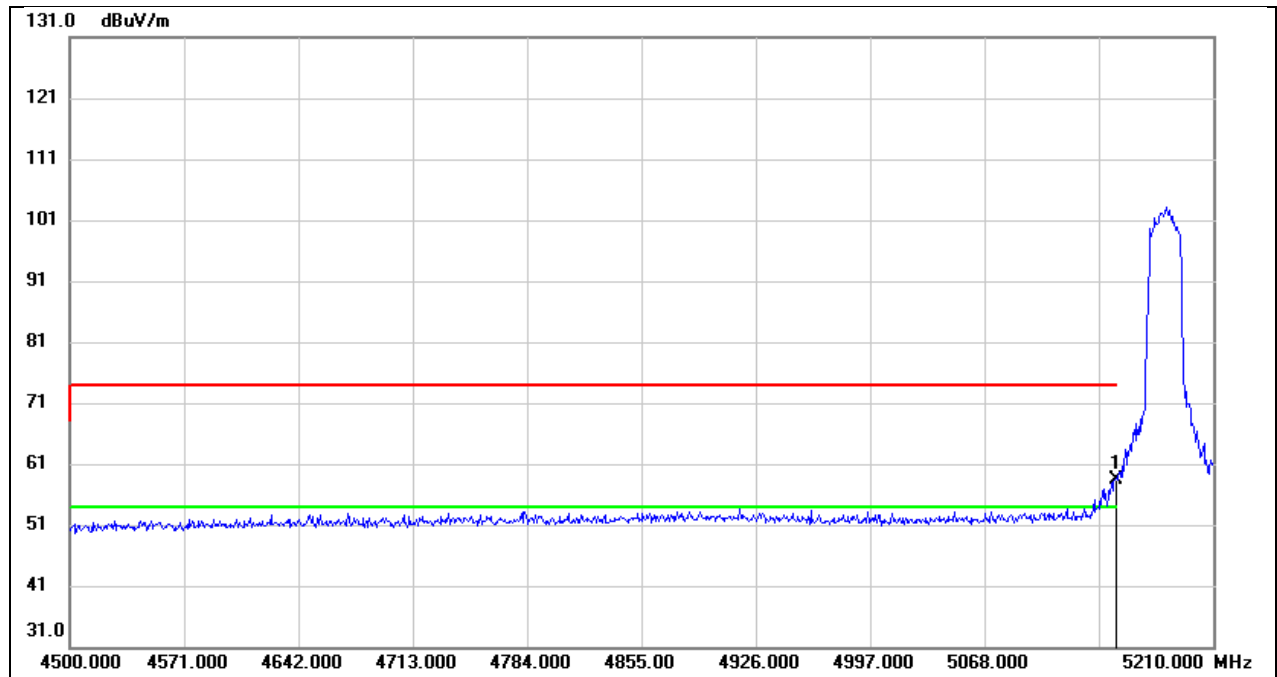
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.570	8.32	38.88	47.20	54.00	-6.80	AVG
2	5150.000	8.61	38.88	47.49	54.00	-6.51	AVG

Test Mode:	802.11ac VHT80 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.87V



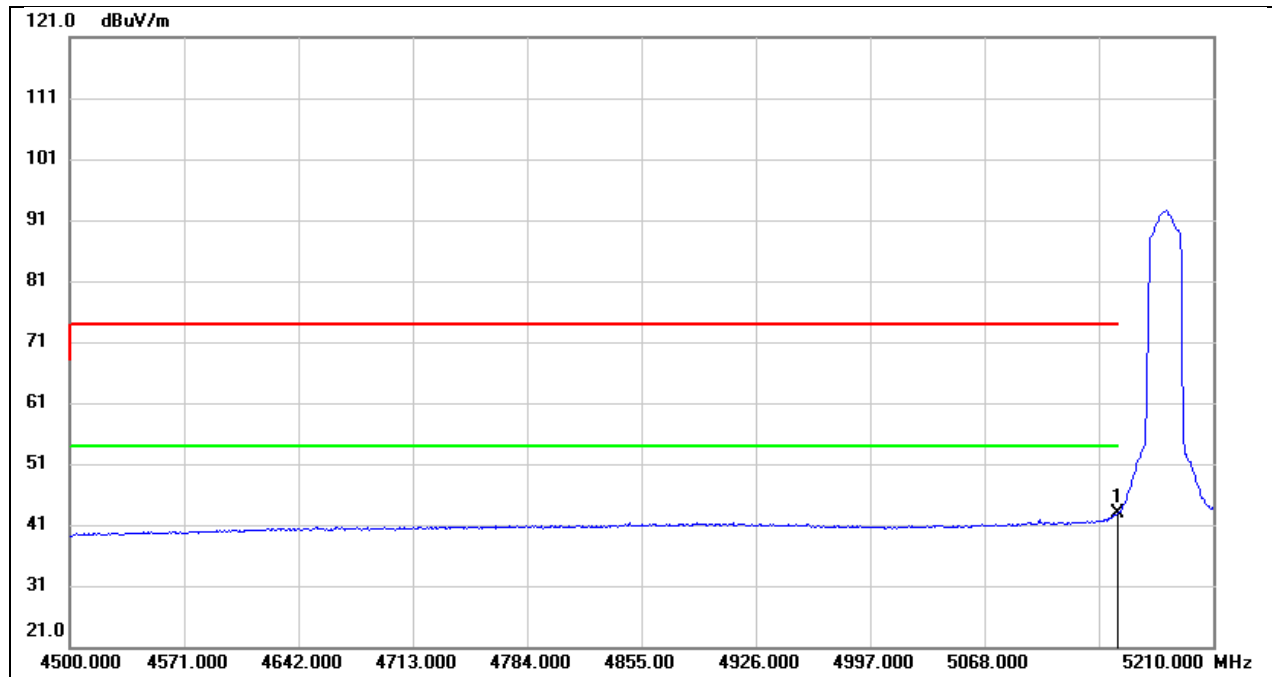
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.000	20.64	39.85	60.49	68.20	-7.71	peak
2	5725.000	30.94	39.94	70.88	122.20	-51.32	peak
3	5850.000	29.57	40.13	69.70	122.20	-52.50	peak
4	5927.600	16.68	40.30	56.98	68.20	-11.22	peak

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



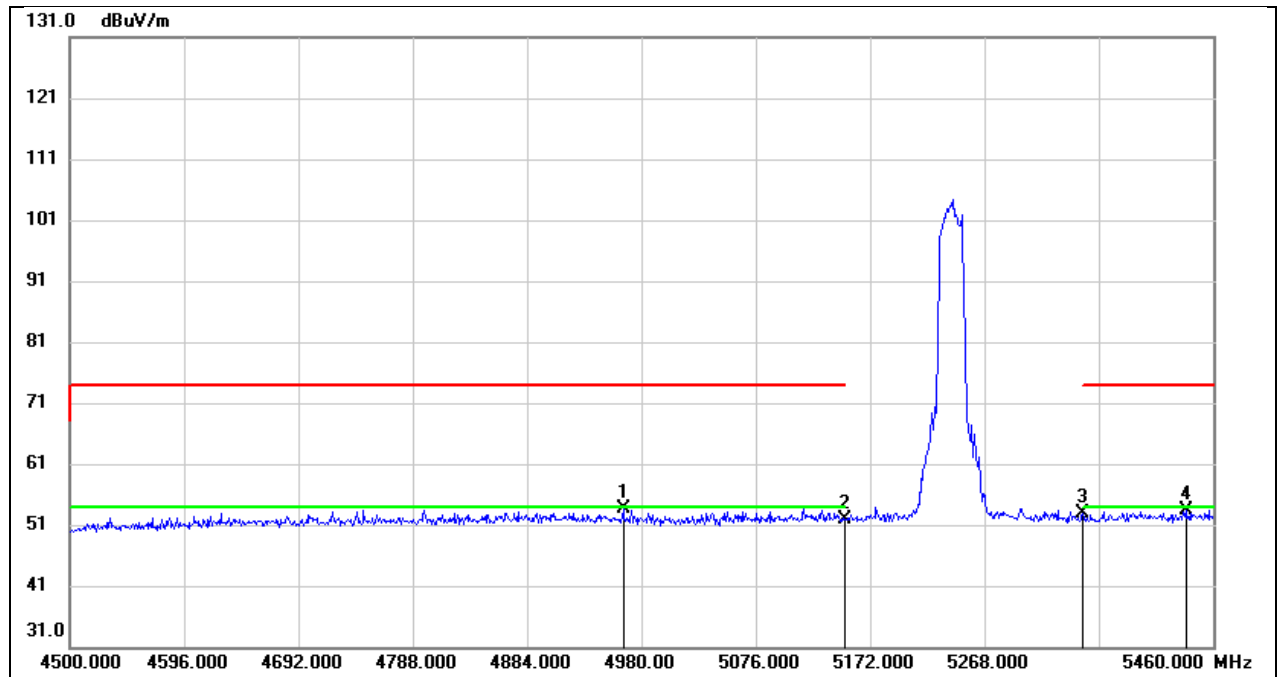
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	19.44	38.88	58.32	74.00	-15.68	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



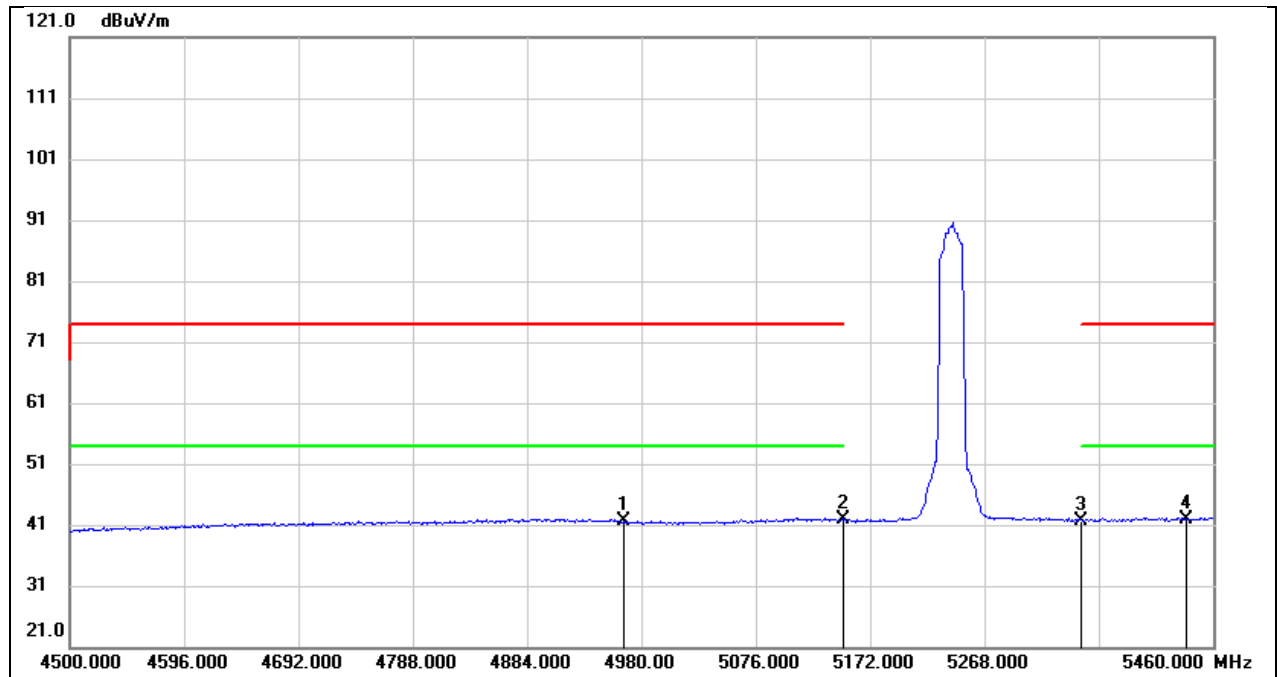
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	3.90	38.88	42.78	54.00	-11.22	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



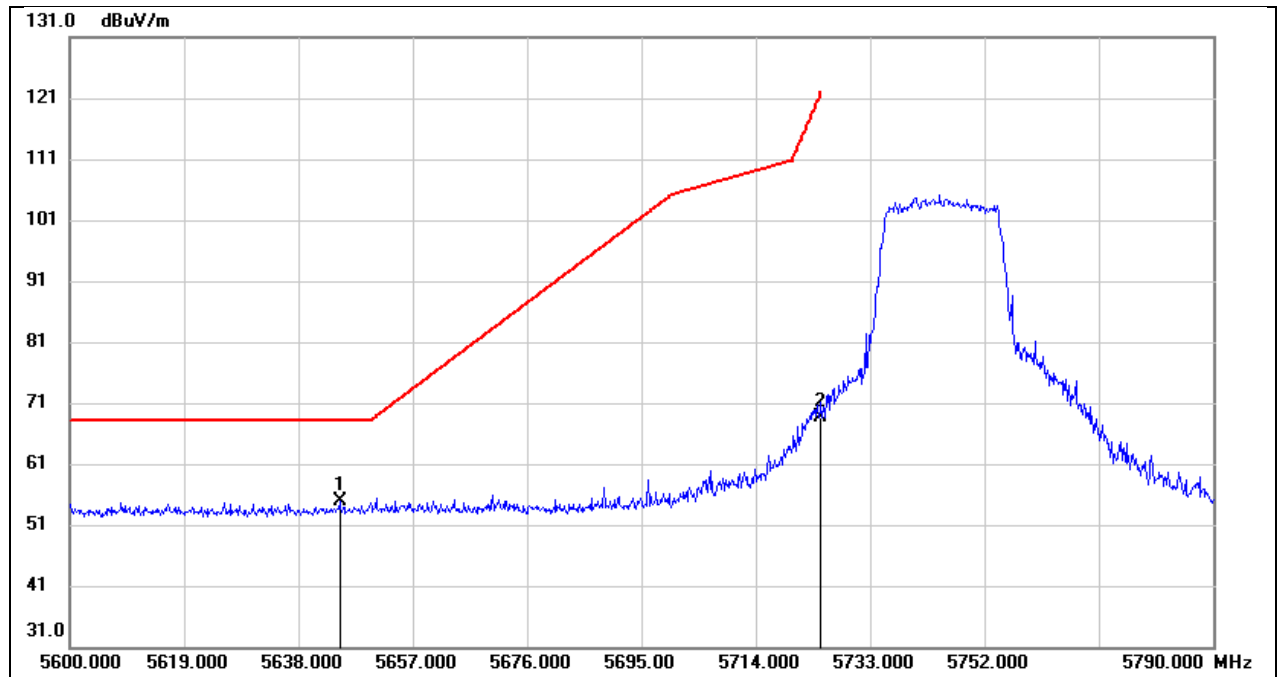
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4964.640	15.05	38.63	53.68	74.00	-20.32	peak
2	5150.000	12.94	38.88	51.82	74.00	-22.18	peak
3	5350.000	13.62	39.25	52.87	74.00	-21.13	peak
4	5436.960	13.99	39.43	53.42	74.00	-20.58	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



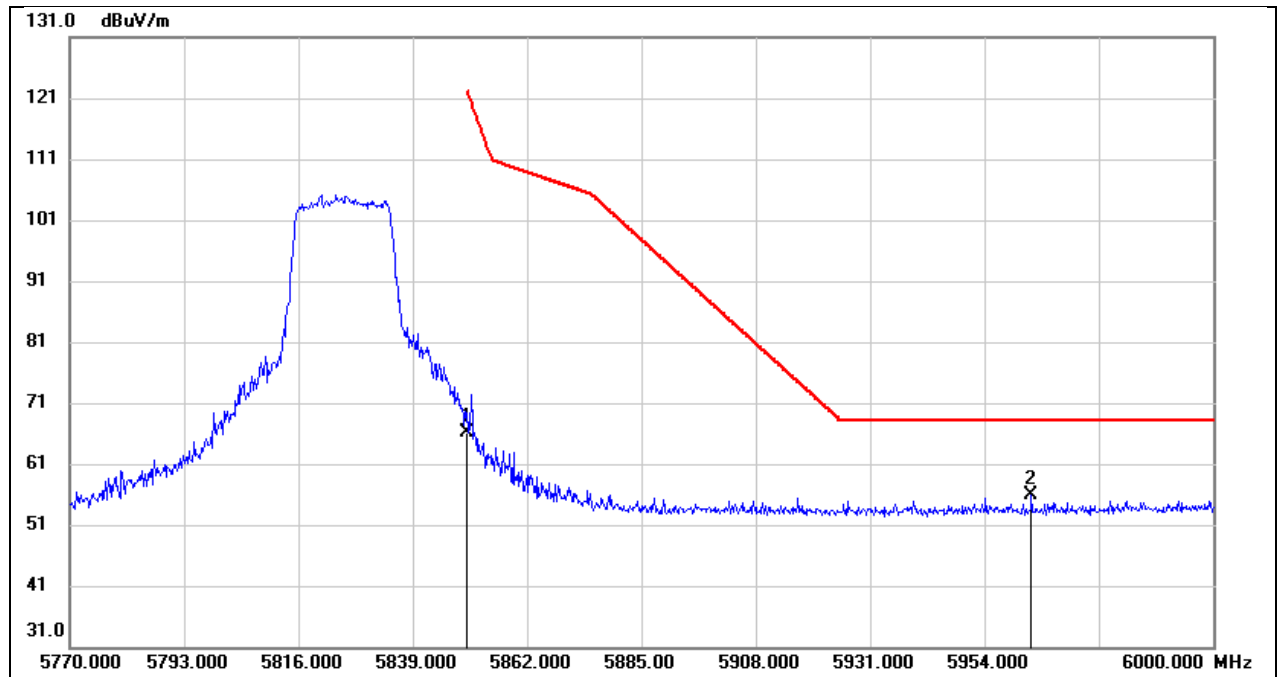
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4964.640	2.93	38.63	41.56	54.00	-12.44	AVG
2	5150.000	2.91	38.88	41.79	54.00	-12.21	AVG
3	5350.000	2.45	39.25	41.70	54.00	-12.30	AVG
4	5436.960	2.57	39.43	42.00	54.00	-12.00	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



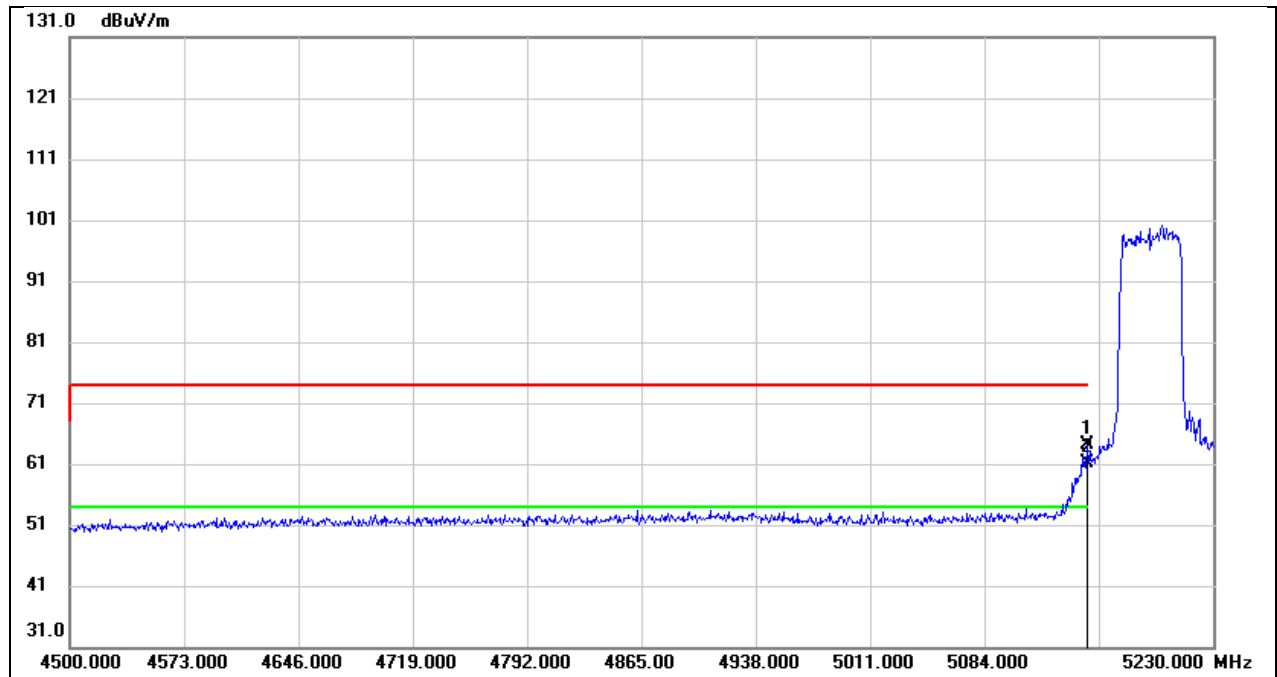
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.840	14.94	39.85	54.79	68.20	-13.41	peak
2	5725.000	28.73	39.94	68.67	122.20	-53.53	peak

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



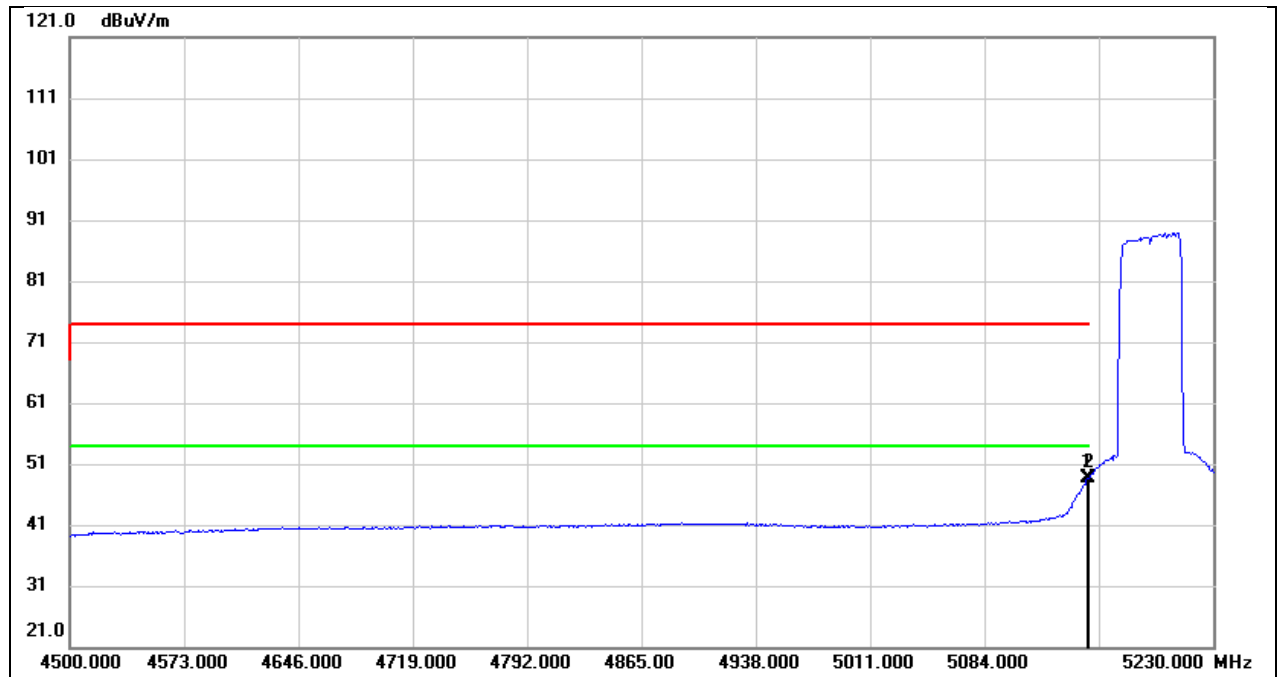
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	25.97	40.13	66.10	122.20	-56.10	peak
2	5963.430	15.43	40.37	55.80	68.20	-12.40	peak

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



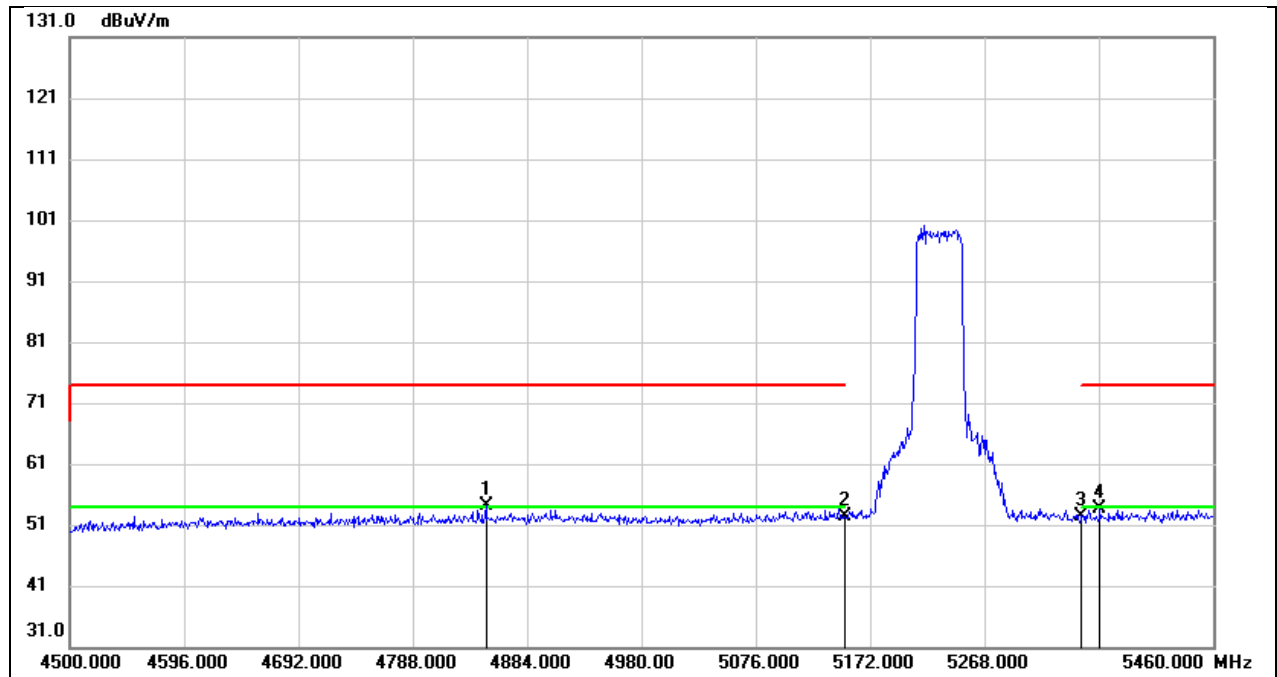
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.700	25.24	38.88	64.12	74.00	-9.88	peak
2	5150.000	22.30	38.88	61.18	74.00	-12.82	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



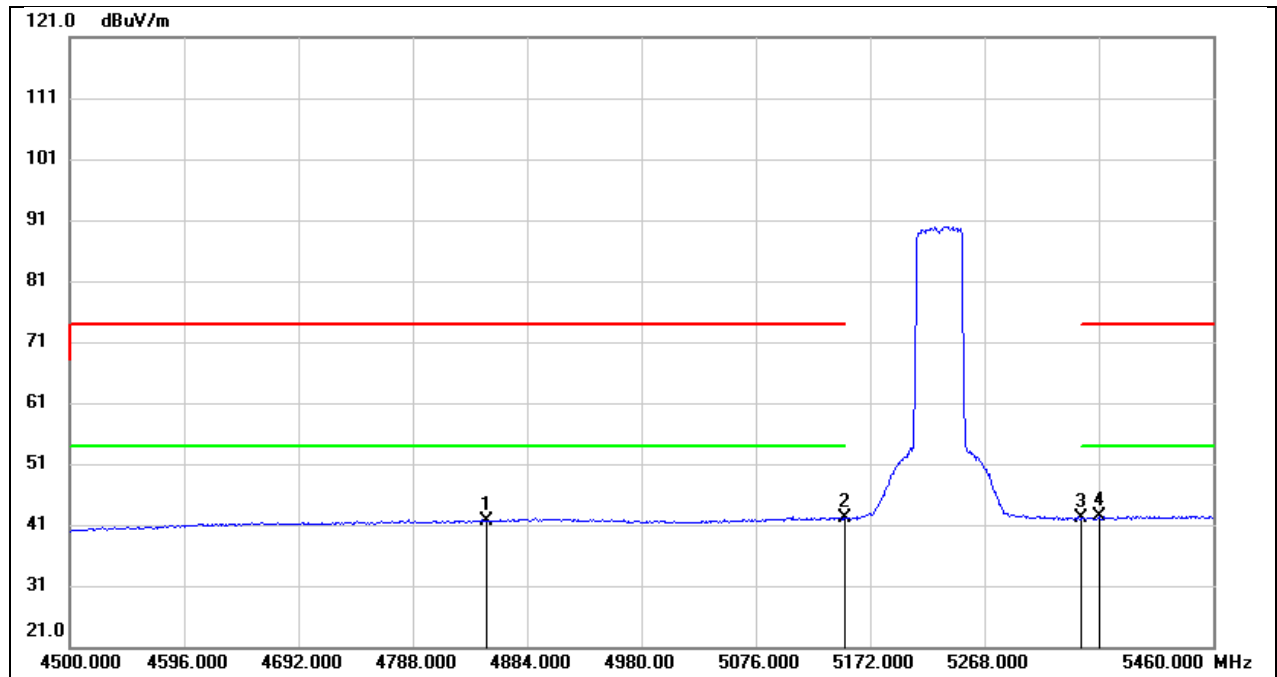
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.700	9.67	38.88	48.55	54.00	-5.45	AVG
2	5150.000	9.85	38.88	48.73	54.00	-5.27	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



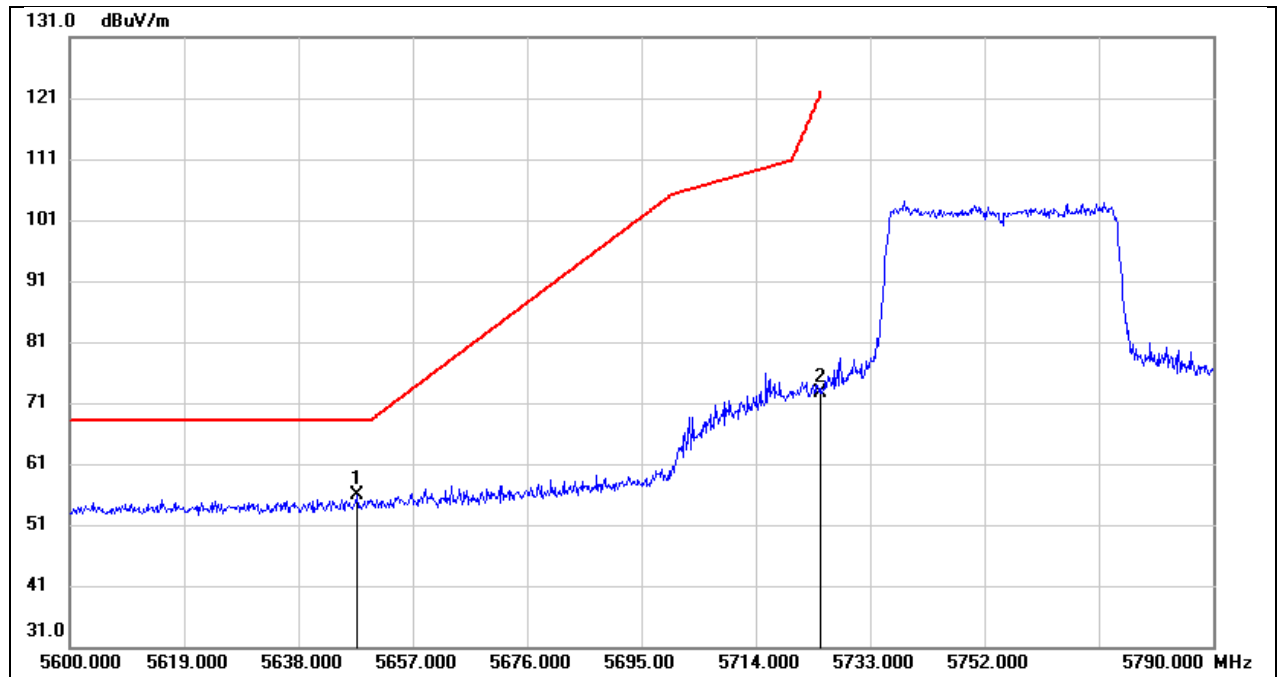
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4849.440	15.64	38.40	54.04	74.00	-19.96	peak
2	5150.000	13.40	38.88	52.28	74.00	-21.72	peak
3	5350.000	13.23	39.25	52.48	74.00	-21.52	peak
4	5364.960	14.30	39.28	53.58	74.00	-20.42	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



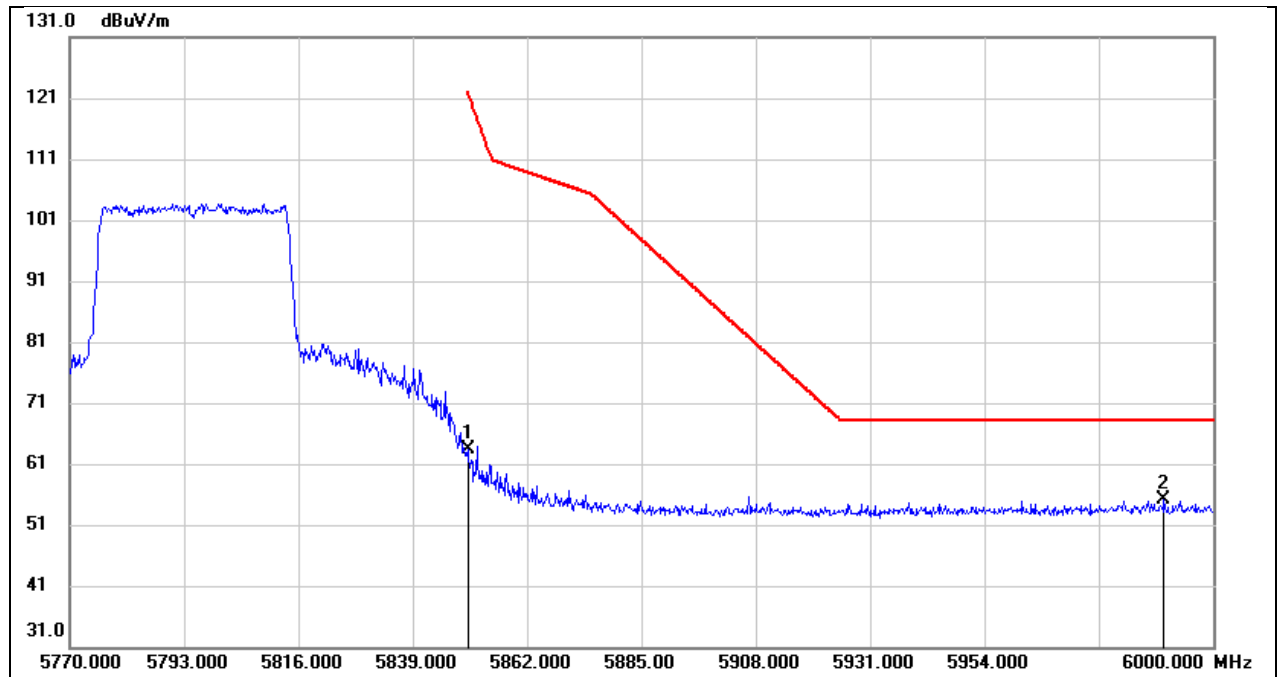
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4849.440	3.27	38.40	41.67	54.00	-12.33	AVG
2	5150.000	3.15	38.88	42.03	54.00	-11.97	AVG
3	5350.000	2.78	39.25	42.03	54.00	-11.97	AVG
4	5364.960	3.04	39.28	42.32	54.00	-11.68	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.87V



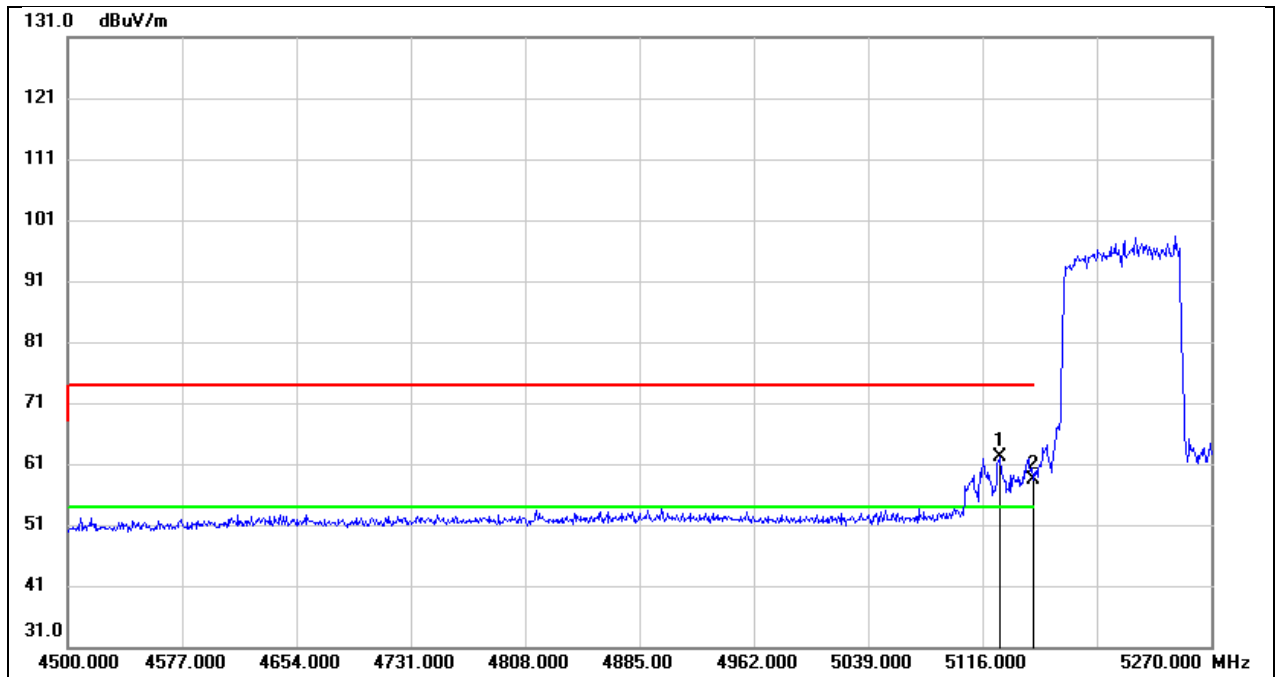
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.690	16.00	39.86	55.86	68.20	-12.34	peak
2	5725.000	32.67	39.94	72.61	122.20	-49.59	peak

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.87V



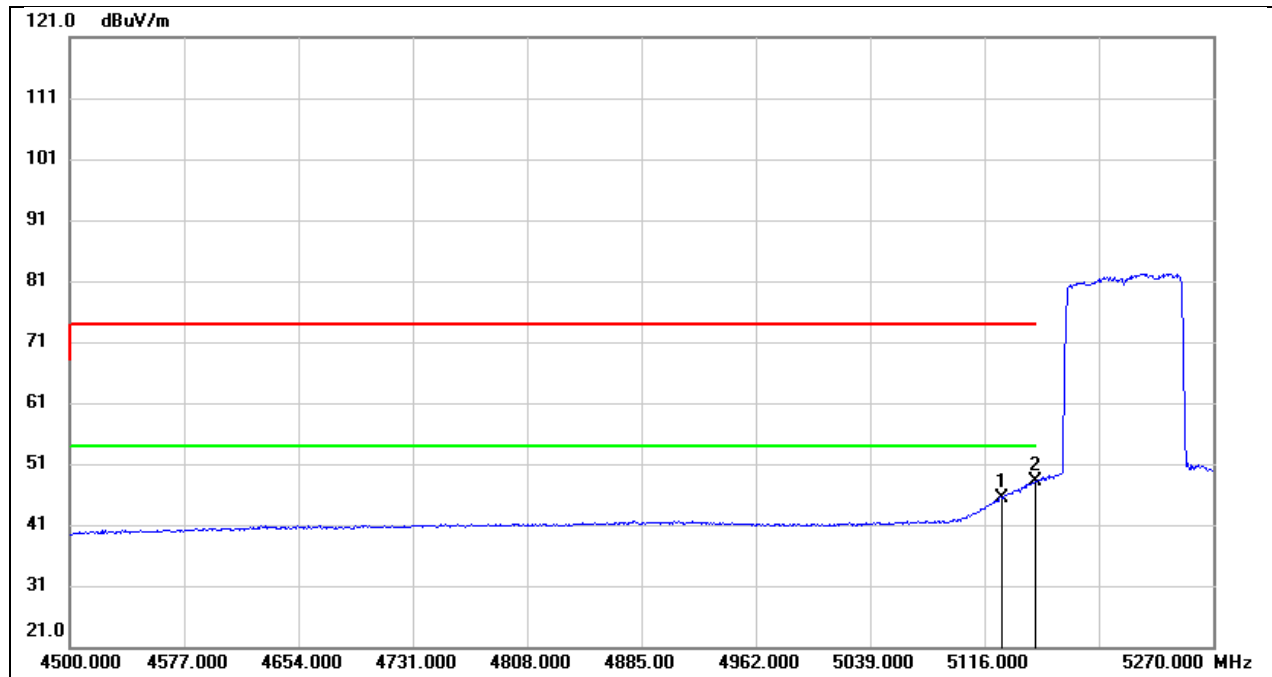
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	23.31	40.13	63.44	122.20	-58.76	peak
2	5990.110	14.68	40.43	55.11	68.20	-13.09	peak

Test Mode:	802.11ax HE80 PK	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



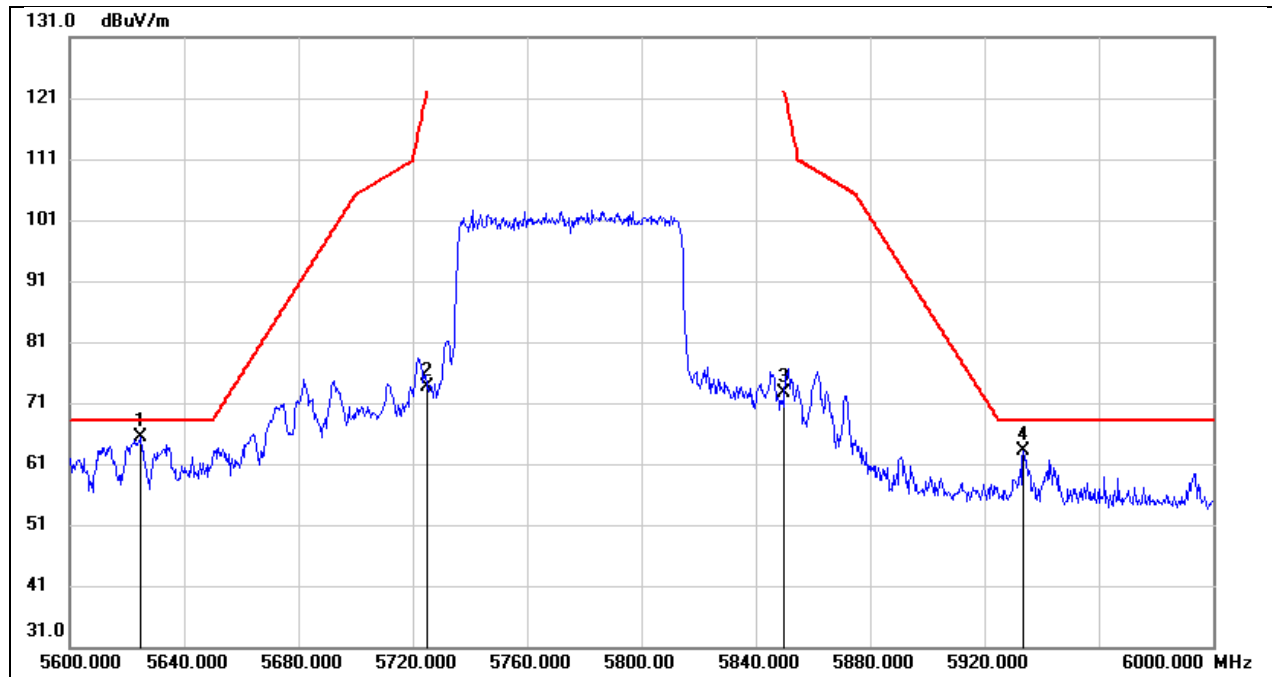
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.550	23.39	38.85	62.24	74.00	-11.76	peak
2	5150.000	19.50	38.88	58.38	74.00	-15.62	peak

Test Mode:	802.11ax HE80 AV	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.550	6.46	38.85	45.31	54.00	-8.69	AVG
2	5150.000	9.13	38.88	48.01	54.00	-5.99	AVG

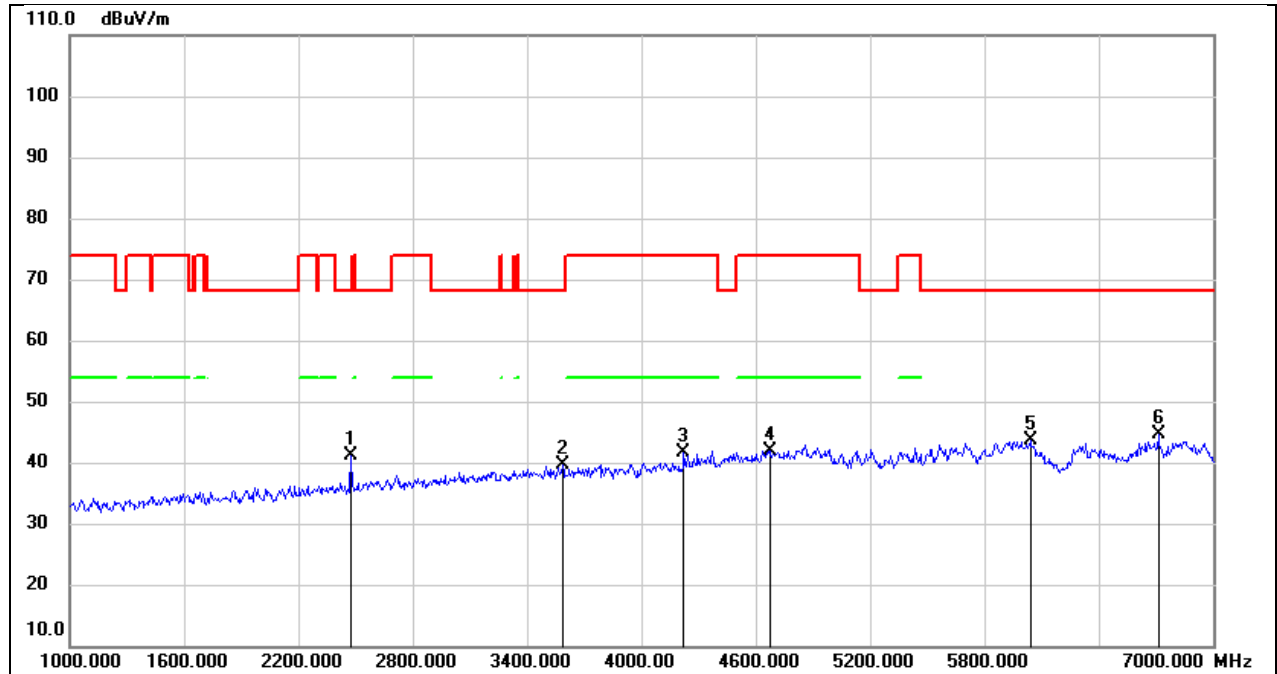
Test Mode:	802.11ax HE80 PK	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.800	25.45	39.83	65.28	68.20	-2.92	peak
2	5725.000	33.58	39.94	73.52	122.20	-48.68	peak
3	5850.000	32.59	40.13	72.72	122.20	-49.48	peak
4	5933.600	22.89	40.31	63.20	68.20	-5.00	peak

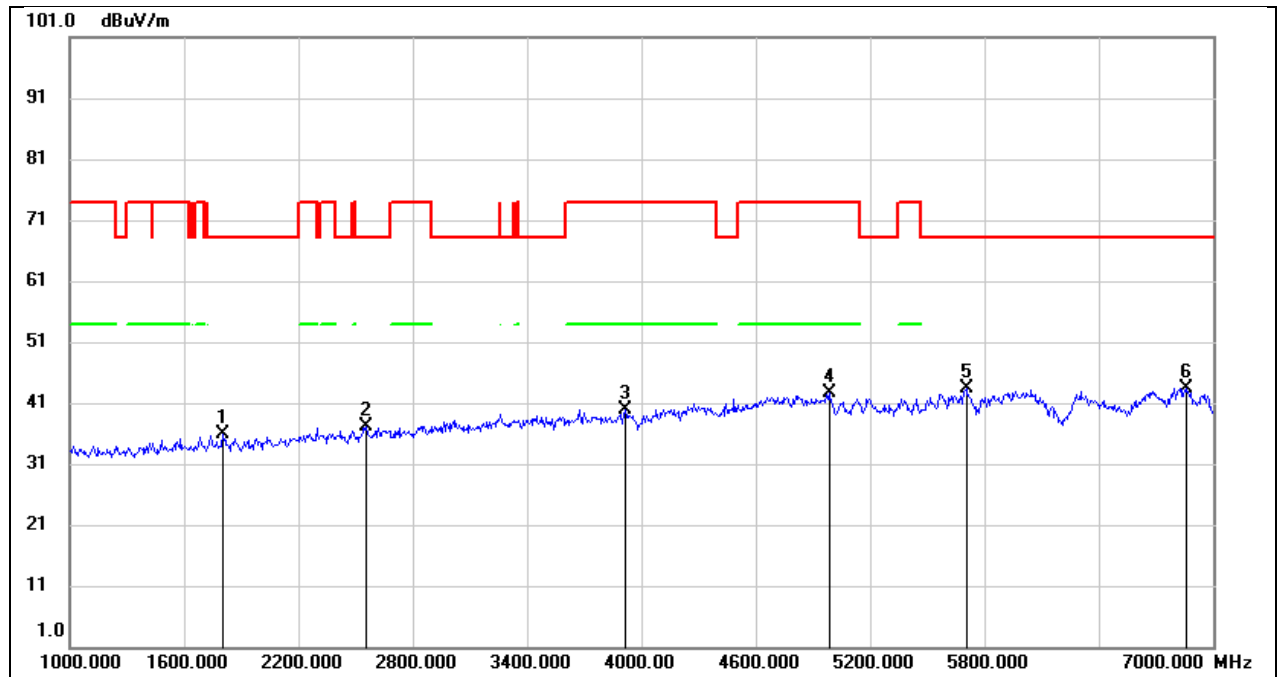
8.2. SPURIOUS EMISSIONS(1 GHZ~7 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



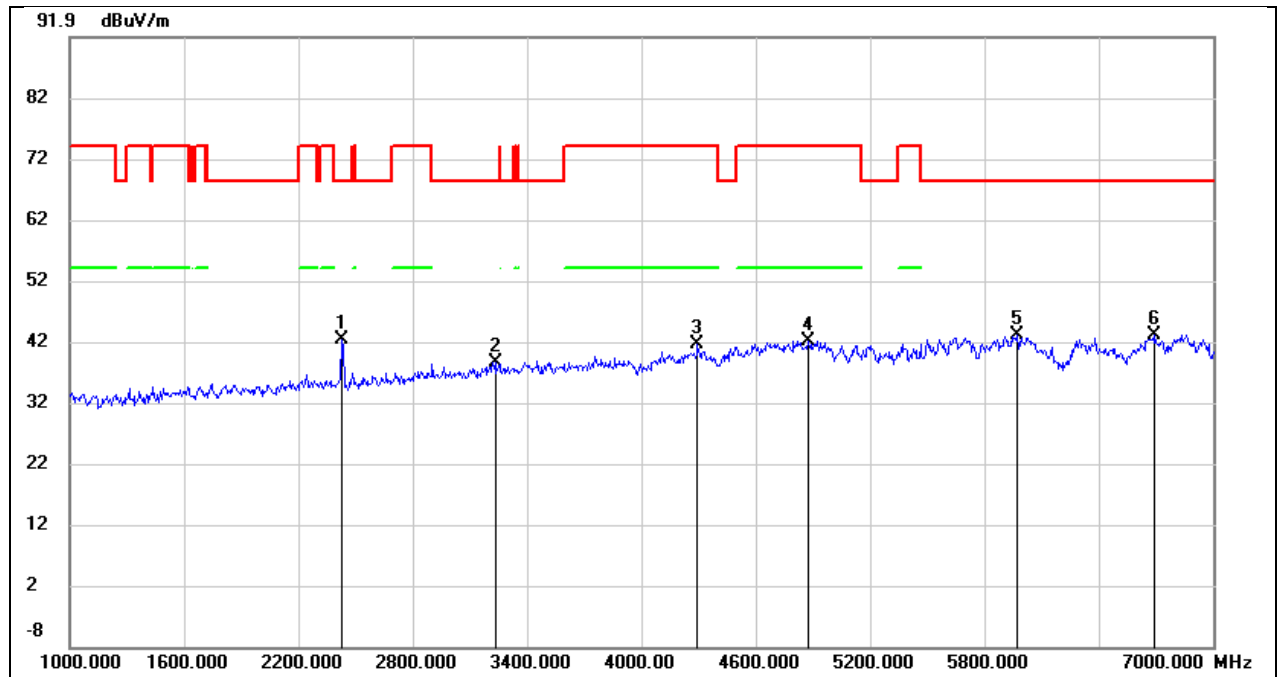
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2476.000	49.60	-8.41	41.19	68.20	-27.01	peak
2	3586.000	43.92	-4.24	39.68	68.20	-28.52	peak
3	4222.000	43.55	-1.96	41.59	74.00	-32.41	peak
4	4678.000	42.11	-0.13	41.98	74.00	-32.02	peak
5	6040.000	40.08	3.53	43.61	68.20	-24.59	peak
6	6712.000	38.97	5.58	44.55	68.20	-23.65	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



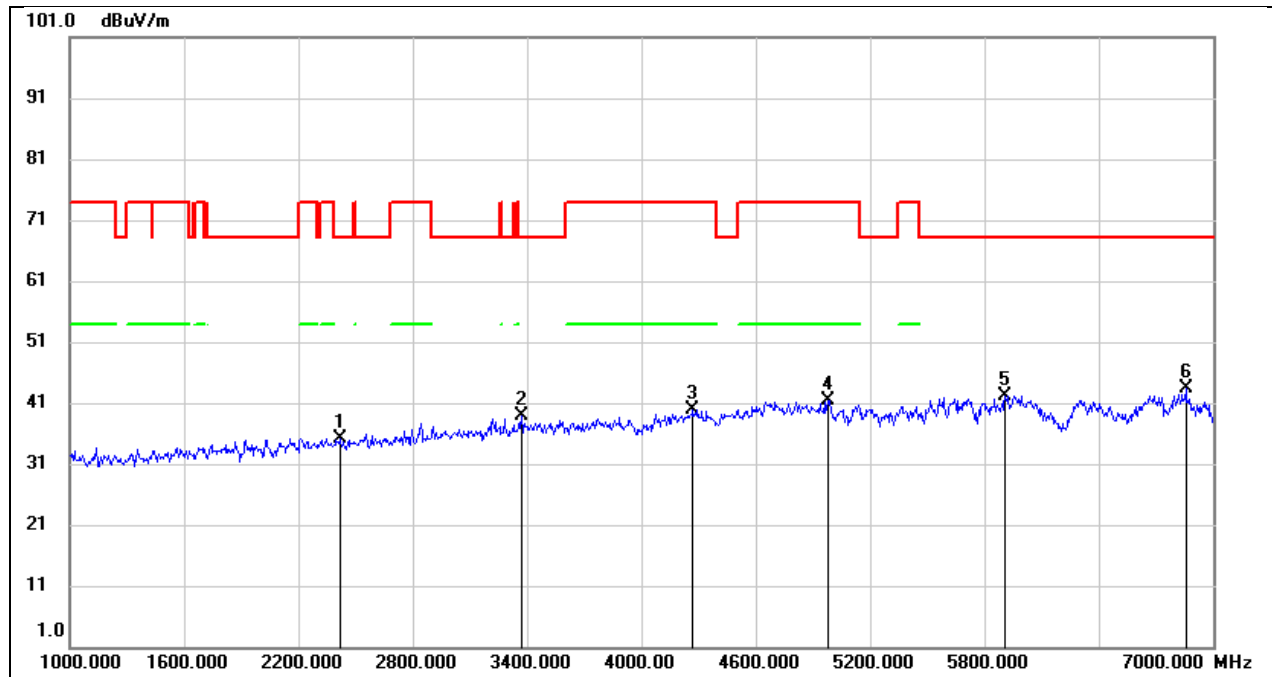
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1804.000	46.87	-11.02	35.85	68.20	-32.35	peak
2	2554.000	45.16	-8.09	37.07	68.20	-31.13	peak
3	3916.000	43.08	-3.11	39.97	74.00	-34.03	peak
4	4984.000	41.63	1.09	42.72	74.00	-31.28	peak
5	5704.000	40.44	2.87	43.31	68.20	-24.89	peak
6	6862.000	37.39	5.94	43.33	68.20	-24.87	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 3.87V



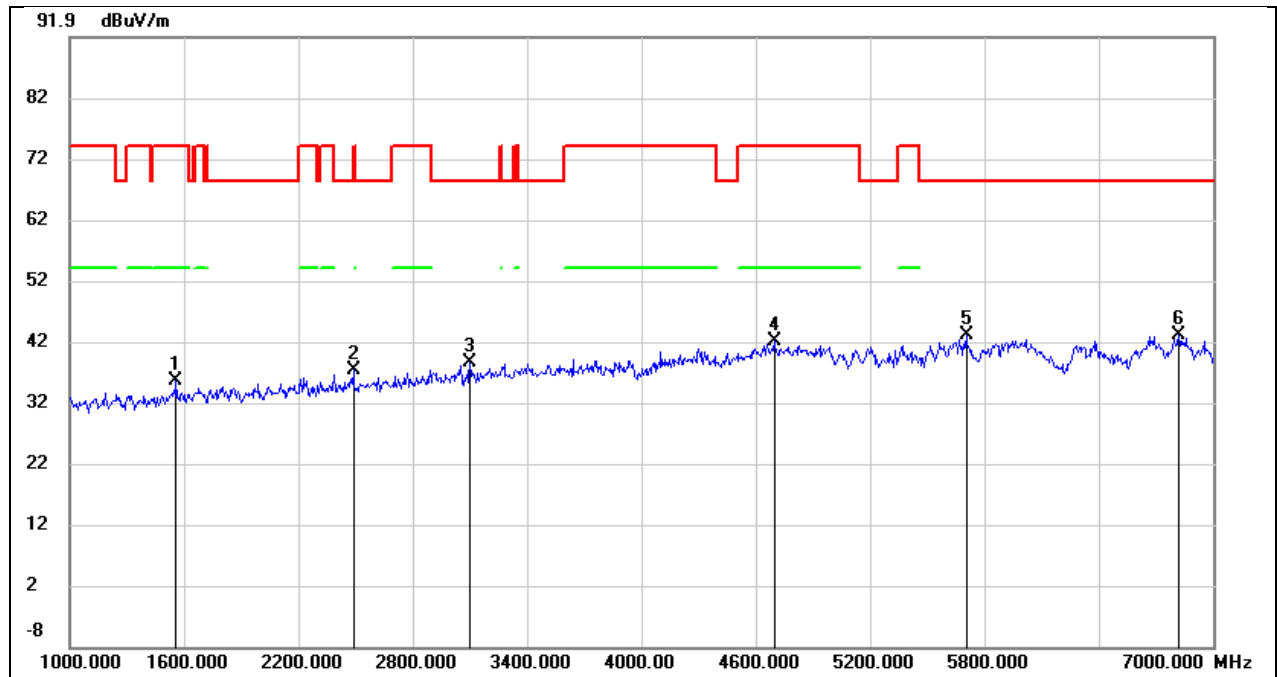
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2428.000	50.95	-8.60	42.35	68.20	-25.85	peak
2	3232.000	43.62	-5.06	38.56	68.20	-29.64	peak
3	4294.000	43.11	-1.67	41.44	74.00	-32.56	peak
4	4876.000	41.44	0.68	42.12	74.00	-31.88	peak
5	5968.000	39.81	3.29	43.10	68.20	-25.10	peak
6	6694.000	37.56	5.52	43.08	68.20	-25.12	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 3.87V



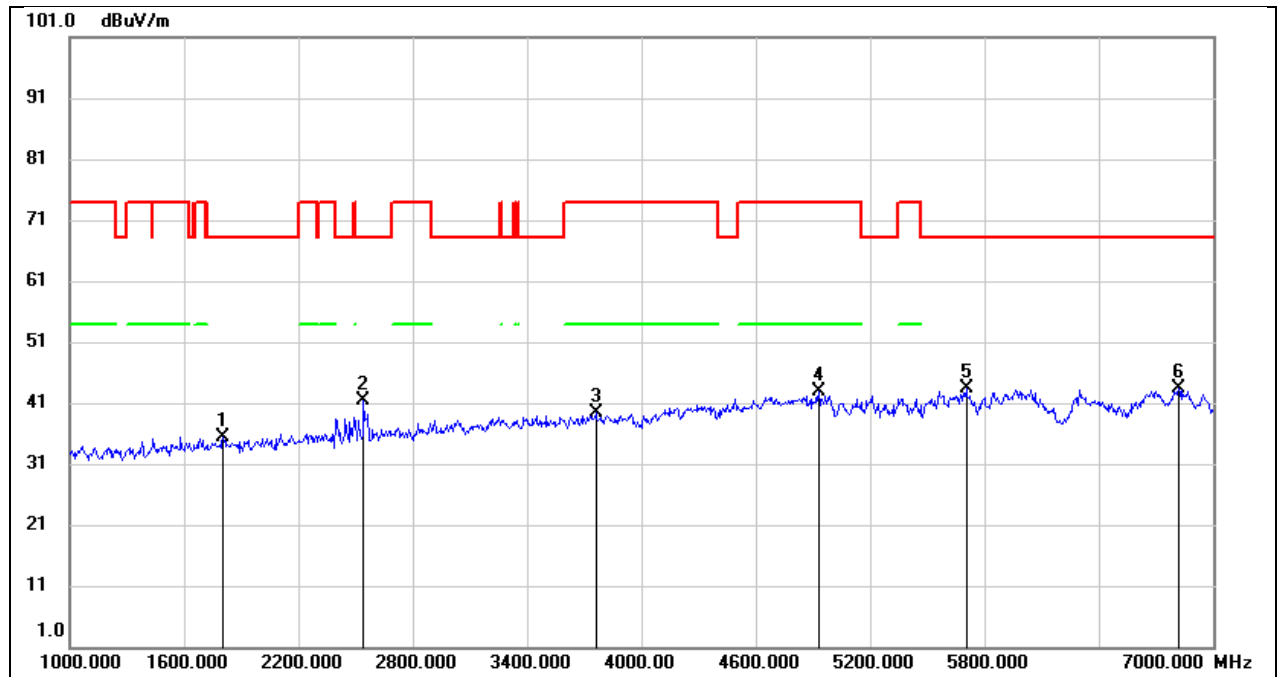
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2416.000	43.91	-8.66	35.25	68.20	-32.95	peak
2	3370.000	43.75	-4.81	38.94	68.20	-29.26	peak
3	4270.000	41.73	-1.77	39.96	74.00	-34.04	peak
4	4978.000	40.38	1.07	41.45	74.00	-32.55	peak
5	5908.000	38.92	3.22	42.14	68.20	-26.06	peak
6	6856.000	37.56	5.93	43.49	68.20	-24.71	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 3.87V



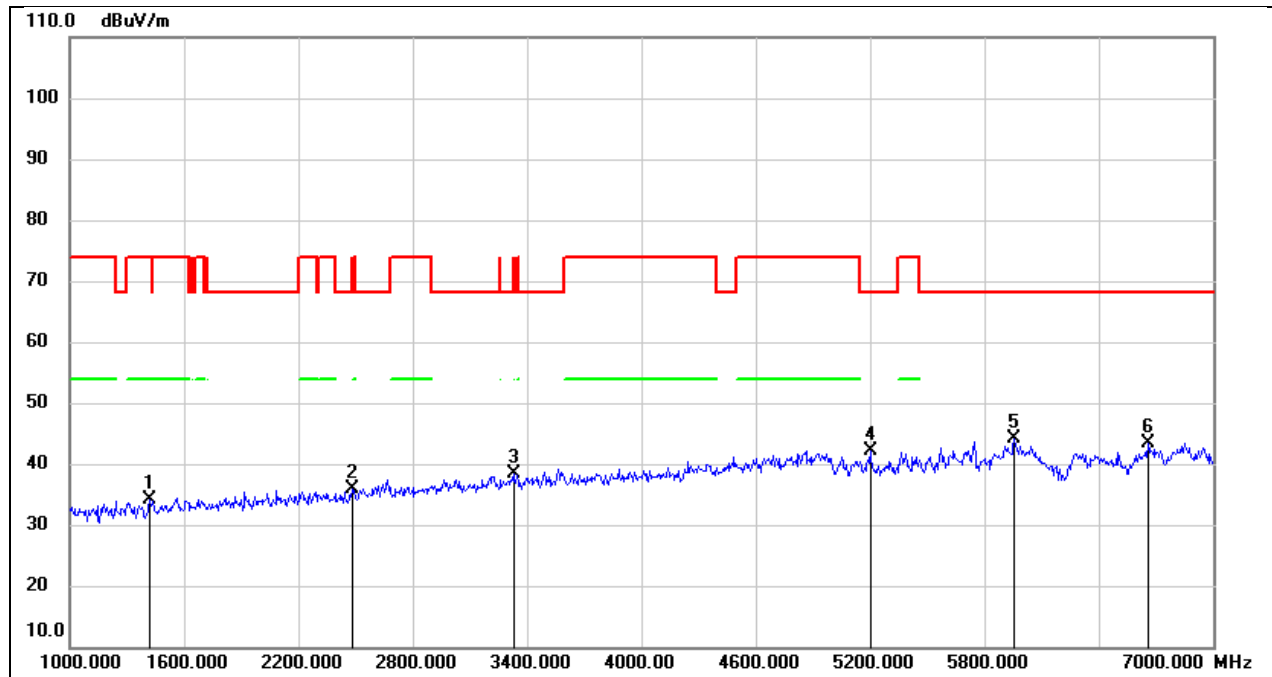
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1558.000	47.27	-11.72	35.55	74.00	-38.45	peak
2	2488.000	45.54	-8.36	37.18	74.00	-36.82	peak
3	3100.000	44.24	-5.61	38.63	68.20	-29.57	peak
4	4696.000	41.99	-0.05	41.94	74.00	-32.06	peak
5	5704.000	40.27	2.87	43.14	68.20	-25.06	peak
6	6820.000	37.02	5.91	42.93	68.20	-25.27	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



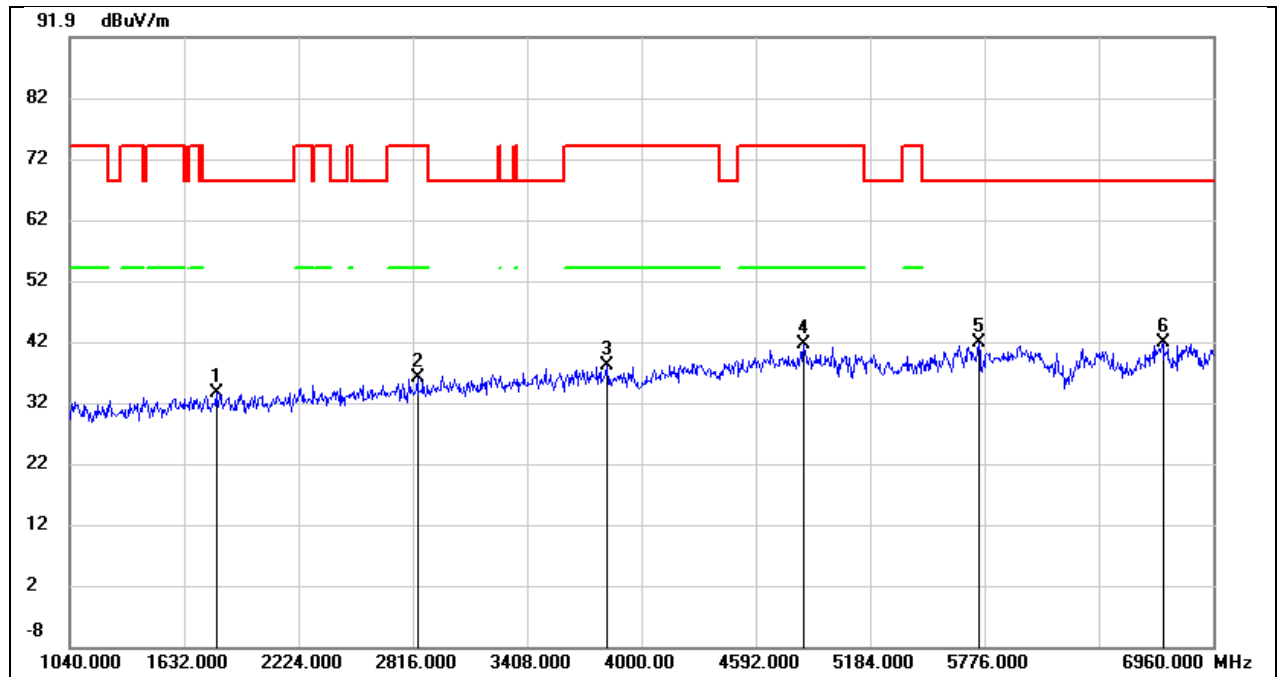
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1804.000	46.46	-11.02	35.44	68.20	-32.76	peak
2	2542.000	49.50	-8.13	41.37	68.20	-26.83	peak
3	3760.000	43.04	-3.73	39.31	74.00	-34.69	peak
4	4930.000	41.94	0.89	42.83	74.00	-31.17	peak
5	5704.000	40.50	2.87	43.37	68.20	-24.83	peak
6	6820.000	37.37	5.91	43.28	68.20	-24.92	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 3.87V



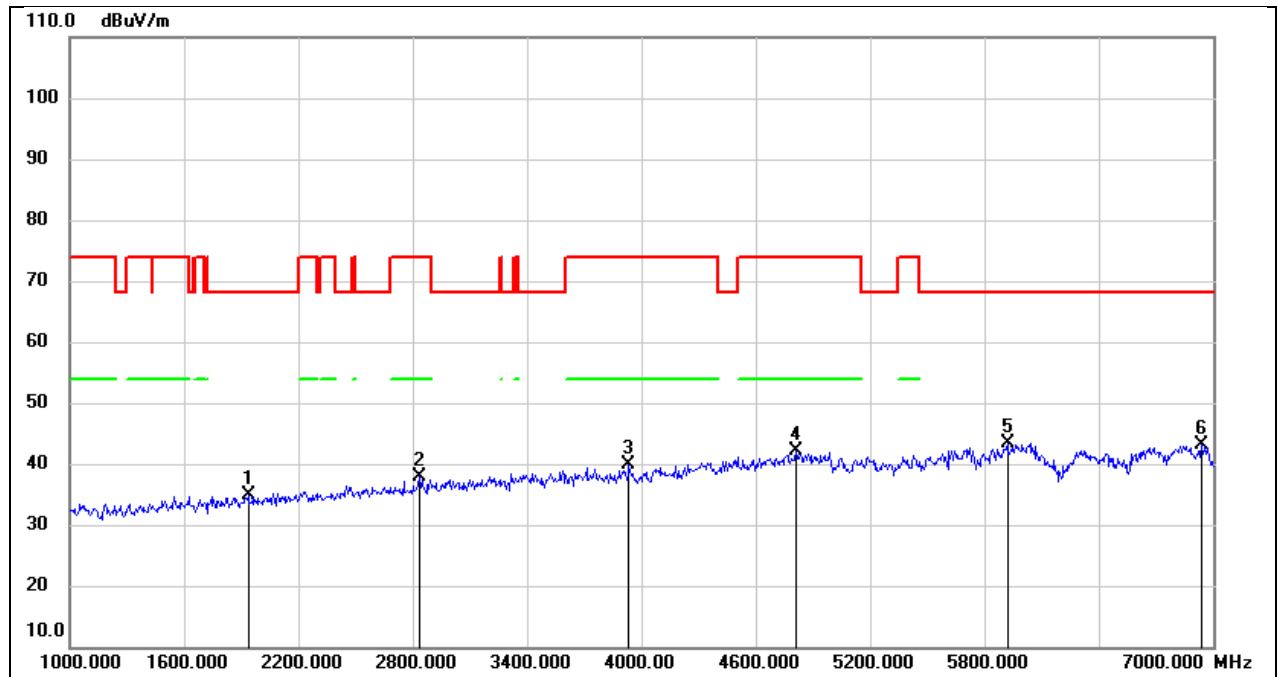
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1420.000	46.36	-12.22	34.14	74.00	-39.86	peak
2	2482.000	44.14	-8.38	35.76	68.20	-32.44	peak
3	3328.000	43.28	-4.89	38.39	68.20	-29.81	peak
4	5200.000	40.76	1.48	42.24	68.20	-25.96	peak
5	5956.000	40.90	3.28	44.18	68.20	-24.02	peak
6	6658.000	38.10	5.38	43.48	68.20	-24.72	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



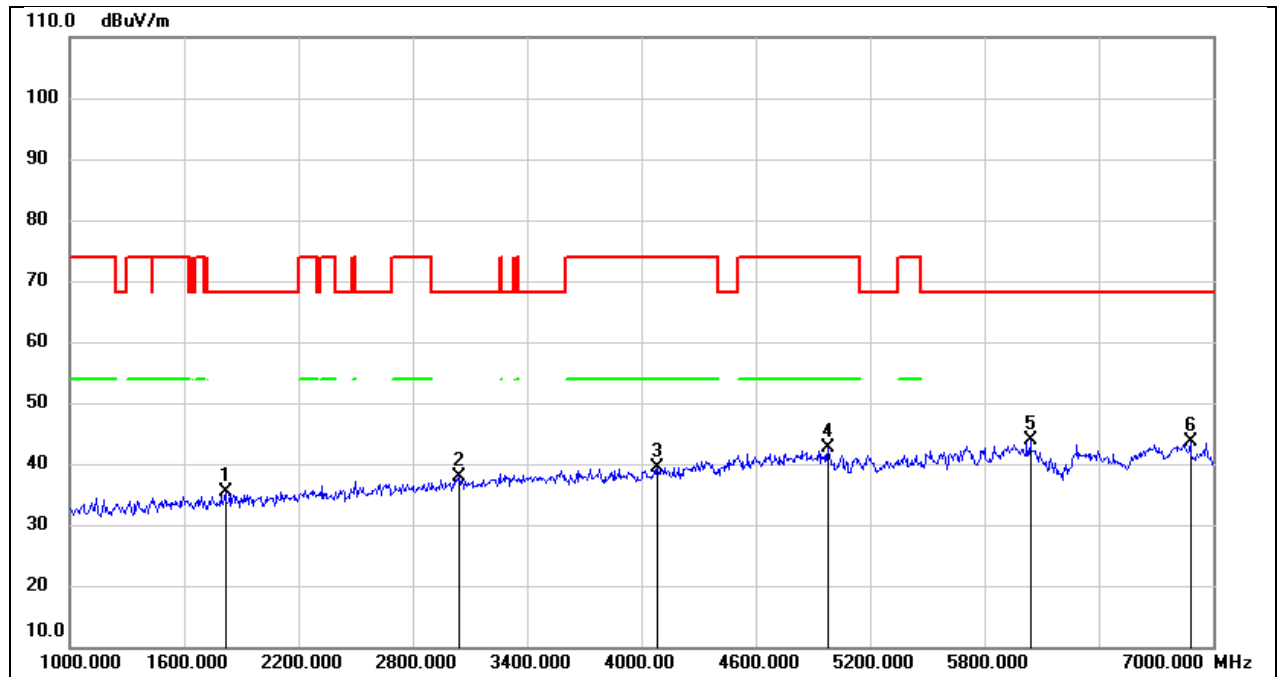
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1797.760	44.60	-11.04	33.56	68.20	-34.64	peak
2	2839.680	42.86	-6.88	35.98	74.00	-38.02	peak
3	3822.400	41.45	-3.52	37.93	74.00	-36.07	peak
4	4840.640	41.08	0.54	41.62	74.00	-32.38	peak
5	5745.000	38.78	2.97	41.75	/	/	fundamental
6	6699.520	36.30	5.53	41.83	68.20	-26.37	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 3.87V



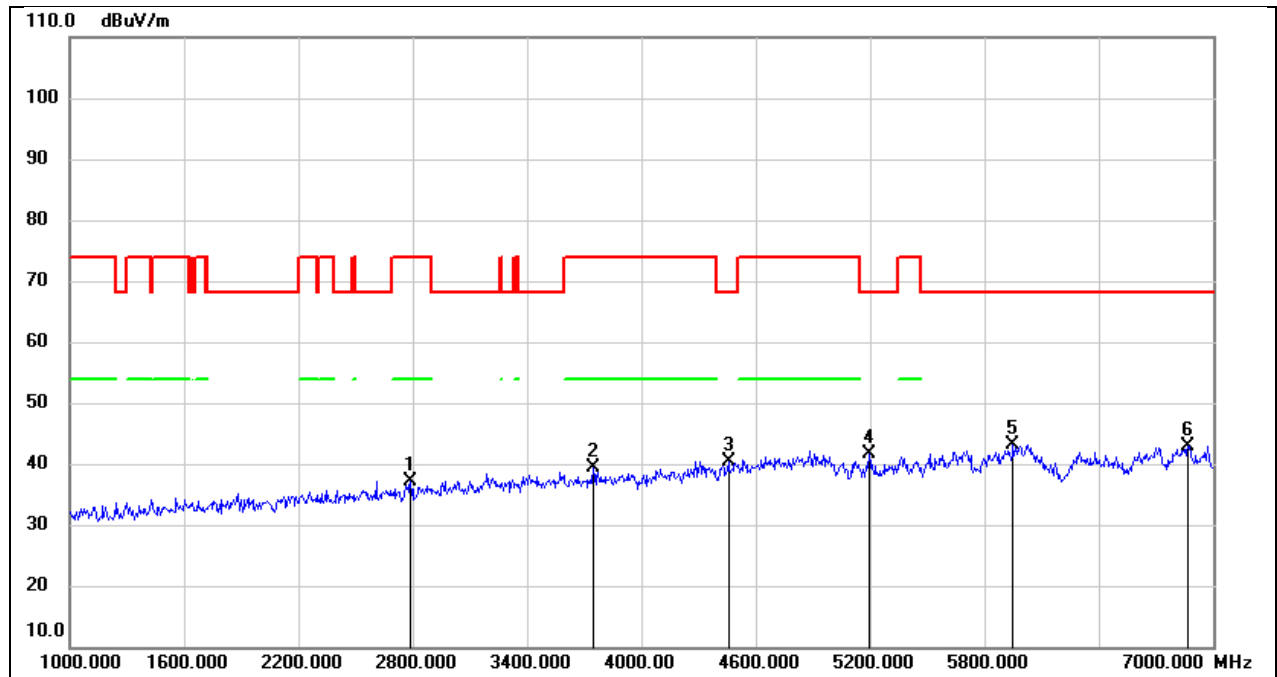
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1936.000	45.40	-10.59	34.81	68.20	-33.39	peak
2	2836.000	44.67	-6.90	37.77	74.00	-36.23	peak
3	3934.000	43.03	-3.04	39.99	74.00	-34.01	peak
4	4810.000	41.70	0.43	42.13	74.00	-31.87	peak
5	5920.000	40.15	3.24	43.39	68.20	-24.81	peak
6	6940.000	37.23	6.00	43.23	68.20	-24.97	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 3.87V



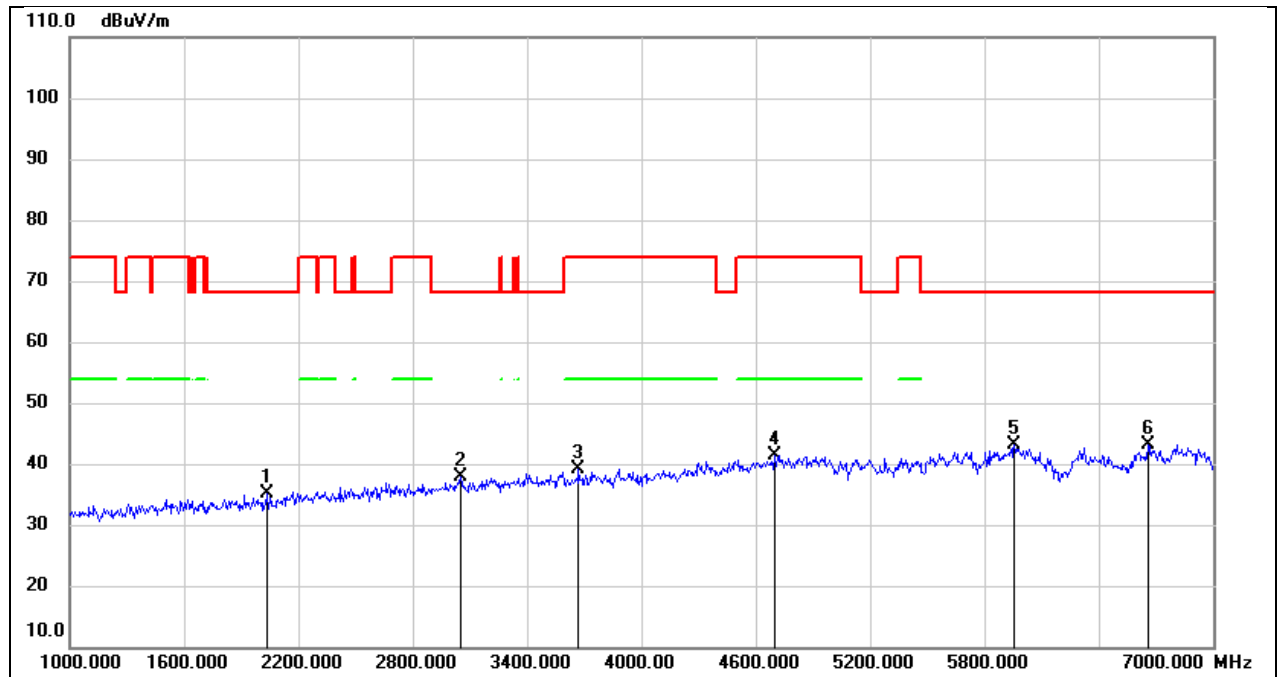
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1816.000	46.35	-10.99	35.36	68.20	-32.84	peak
2	3046.000	43.64	-5.87	37.77	68.20	-30.43	peak
3	4084.000	41.86	-2.45	39.41	74.00	-34.59	peak
4	4978.000	41.45	1.07	42.52	74.00	-31.48	peak
5	6040.000	40.27	3.53	43.80	68.20	-24.40	peak
6	6880.000	37.73	5.96	43.69	68.20	-24.51	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2788.000	44.32	-7.14	37.18	74.00	-36.82	peak
2	3748.000	43.16	-3.77	39.39	74.00	-34.61	peak
3	4456.000	41.45	-0.98	40.47	68.20	-27.73	peak
4	5194.000	40.21	1.48	41.69	68.20	-26.51	peak
5	5950.000	39.88	3.27	43.15	68.20	-25.05	peak
6	6868.000	36.99	5.94	42.93	68.20	-25.27	peak

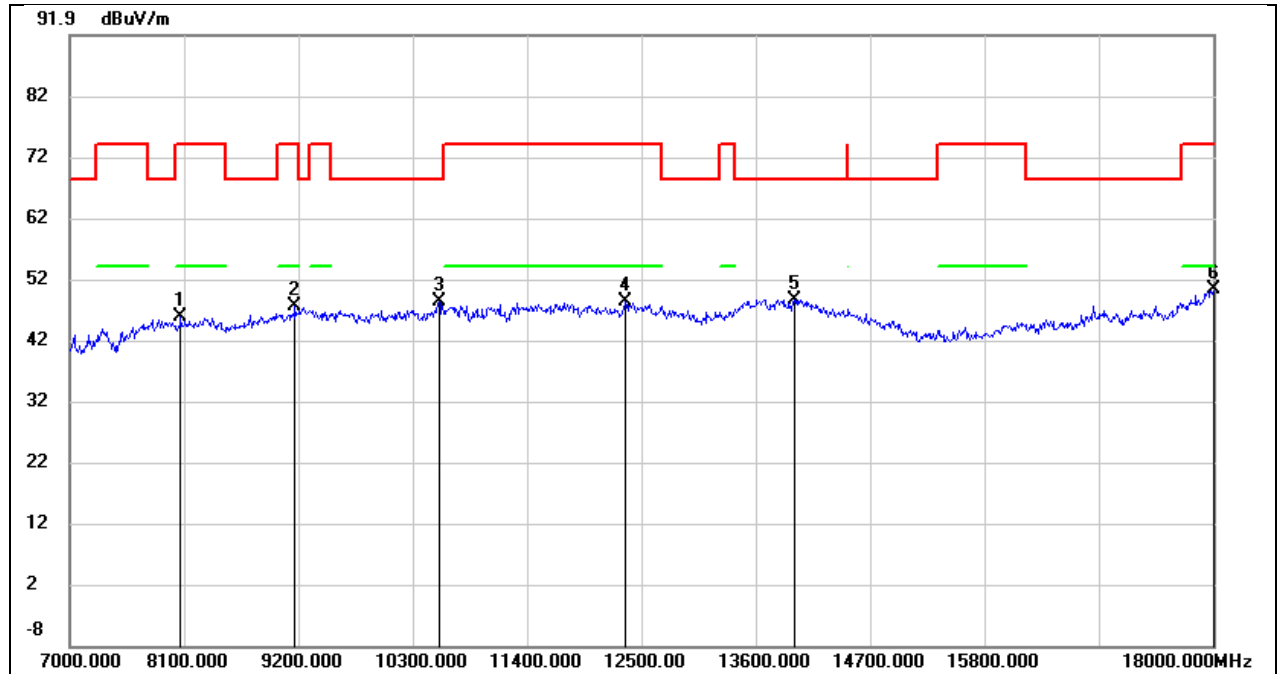
Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2038.000	45.41	-10.24	35.17	68.20	-33.03	peak
2	3052.000	43.62	-5.84	37.78	68.20	-30.42	peak
3	3670.000	43.05	-4.00	39.05	74.00	-34.95	peak
4	4702.000	41.47	-0.02	41.45	74.00	-32.55	peak
5	5956.000	39.85	3.28	43.13	68.20	-25.07	peak
6	6658.000	37.64	5.38	43.02	68.20	-25.18	peak

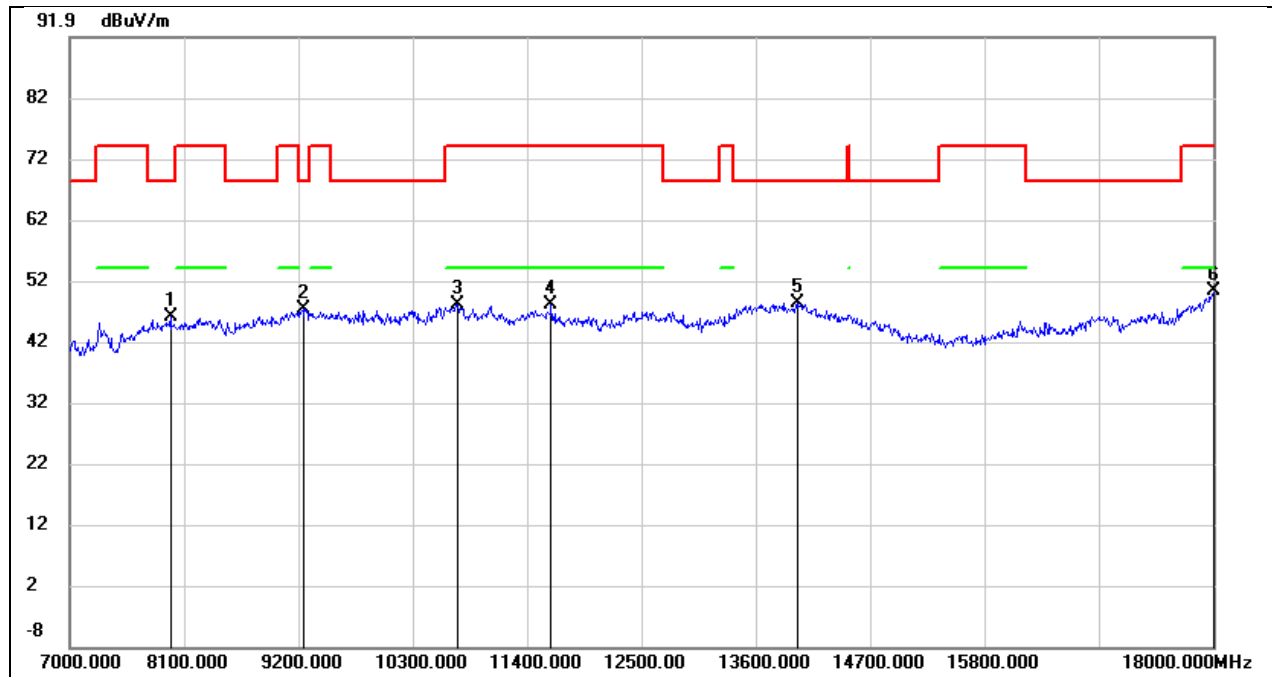
8.3. SPURIOUS EMISSIONS(7 GHZ~18 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



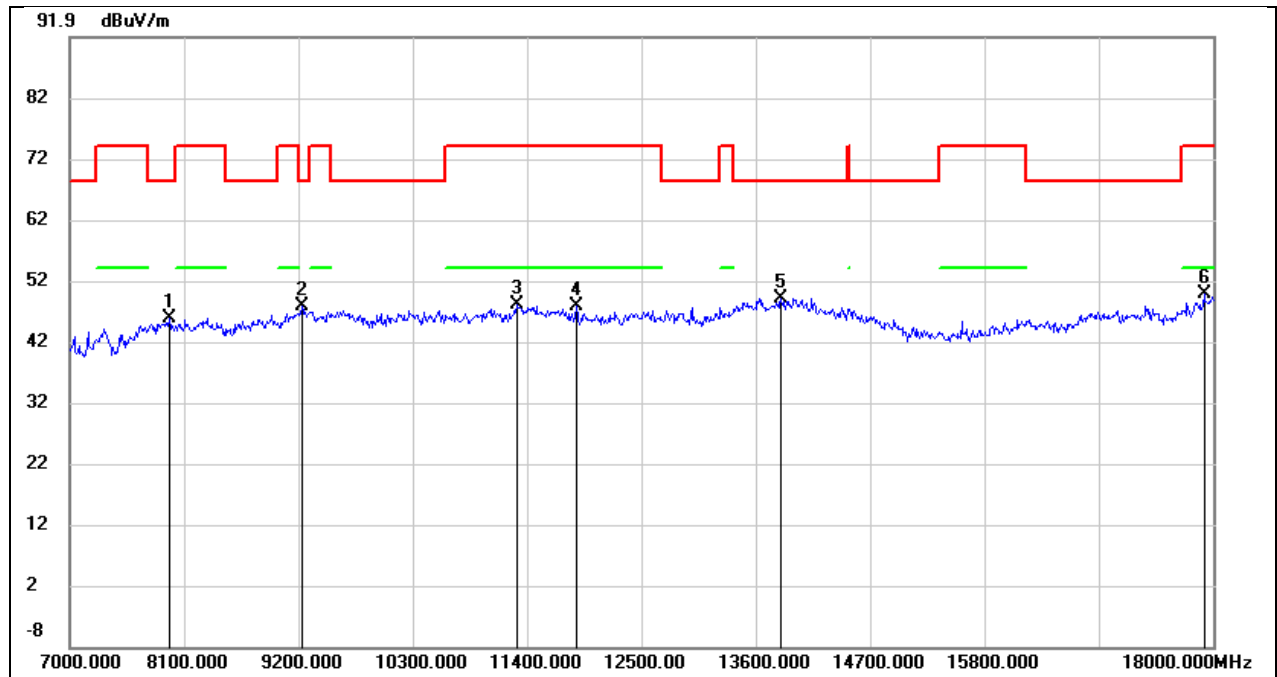
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8067.000	37.46	8.25	45.71	74.00	-28.29	peak
2	9167.000	36.18	11.28	47.46	74.00	-26.54	peak
3	10553.000	34.20	14.18	48.38	68.20	-19.82	peak
4	12346.000	28.68	19.50	48.18	74.00	-25.82	peak
5	13974.000	24.83	23.81	48.64	68.20	-19.56	peak
6	18000.000	21.84	28.51	50.35	74.00	-23.65	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



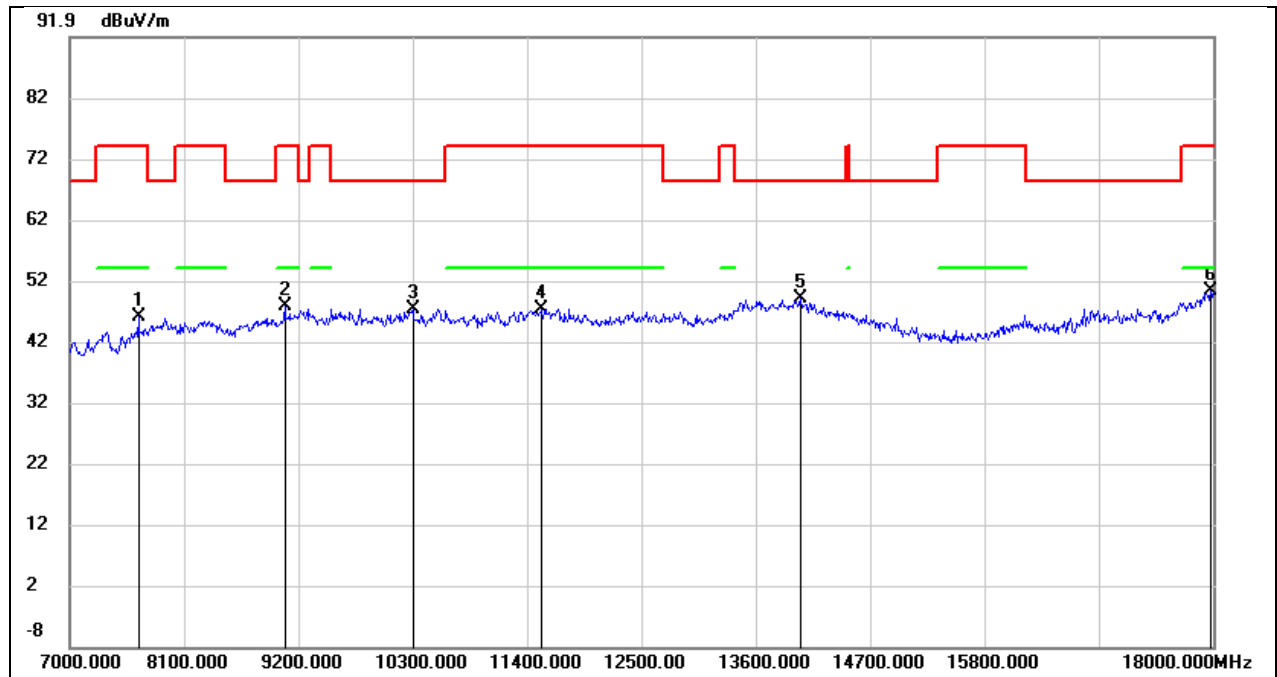
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	37.88	8.13	46.01	68.20	-22.19	peak
2	9244.000	35.83	11.56	47.39	68.20	-20.81	peak
3	10729.000	33.39	14.66	48.05	74.00	-25.95	peak
4	11631.000	30.22	17.88	48.10	74.00	-25.90	peak
5	13996.000	24.51	23.89	48.40	68.20	-19.80	peak
6	18000.000	21.75	28.51	50.26	74.00	-23.74	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 3.87V



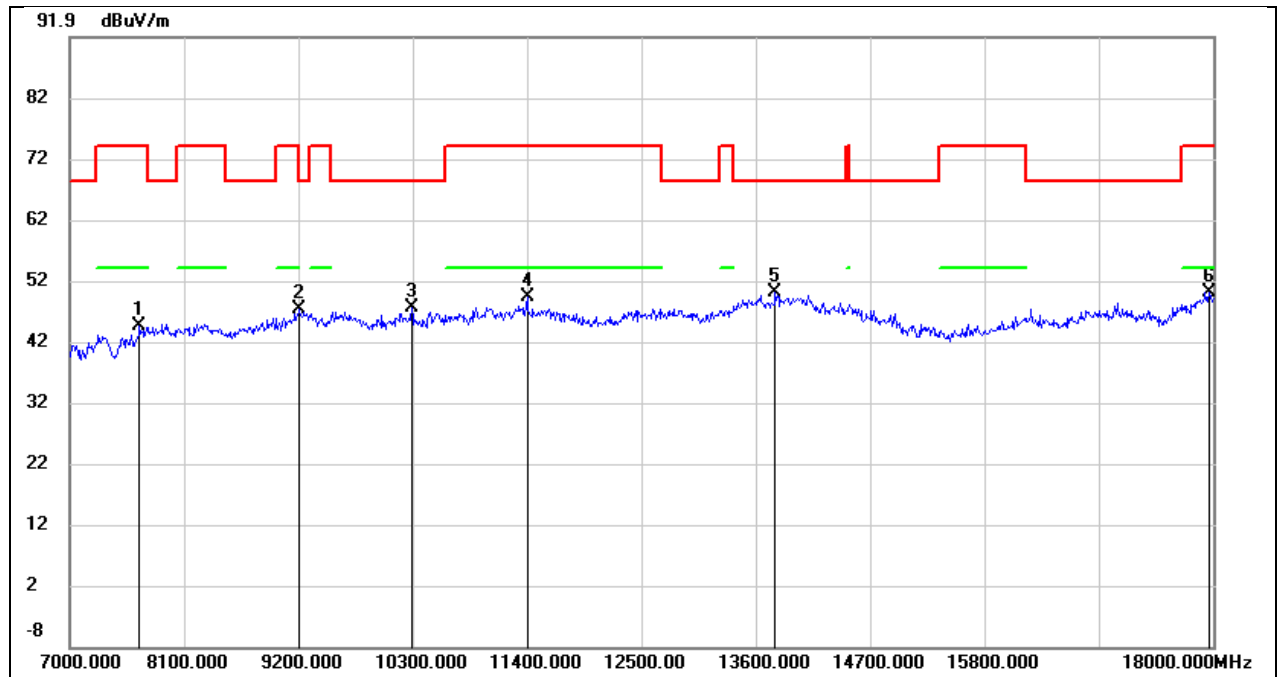
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7957.000	37.70	8.12	45.82	68.20	-22.38	peak
2	9233.000	36.17	11.52	47.69	68.20	-20.51	peak
3	11301.000	31.28	16.74	48.02	74.00	-25.98	peak
4	11873.000	29.73	18.16	47.89	74.00	-26.11	peak
5	13842.000	25.75	23.29	49.04	68.20	-19.16	peak
6	17912.000	22.14	27.70	49.84	74.00	-24.16	peak

Test Mode:	802.11a 20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 3.87V



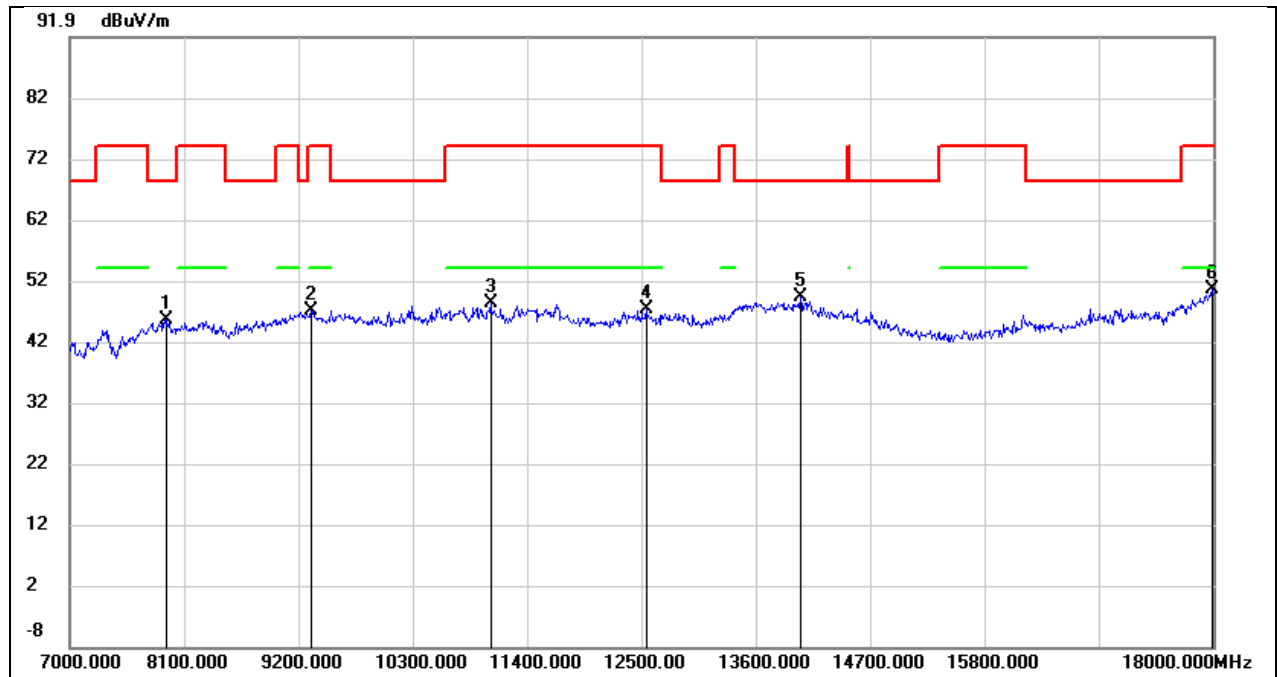
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7660.000	38.30	7.72	46.02	74.00	-27.98	peak
2	9068.000	36.90	10.86	47.76	74.00	-26.24	peak
3	10300.000	33.77	13.52	47.29	68.20	-20.91	peak
4	11543.000	29.71	17.67	47.38	74.00	-26.62	peak
5	14029.000	25.16	23.76	48.92	68.20	-19.28	peak
6	17978.000	22.00	28.31	50.31	74.00	-23.69	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 3.87V



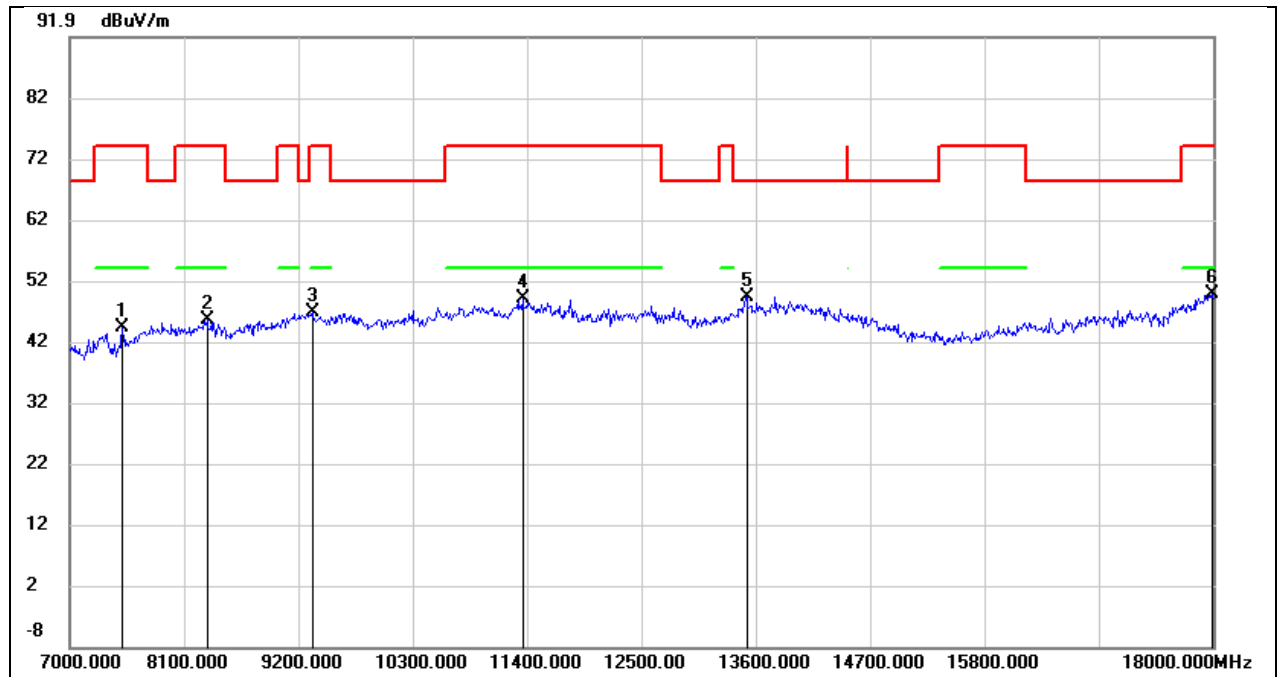
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	36.73	7.75	44.48	74.00	-29.52	peak
2	9211.000	35.71	11.45	47.16	68.20	-21.04	peak
3	10289.000	33.92	13.50	47.42	68.20	-20.78	peak
4	11400.000	32.15	17.20	49.35	74.00	-24.65	peak
5	13787.000	26.81	23.10	49.91	68.20	-18.29	peak
6	17956.000	21.89	28.10	49.99	74.00	-24.01	peak

Test Mode:	802.11a 20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



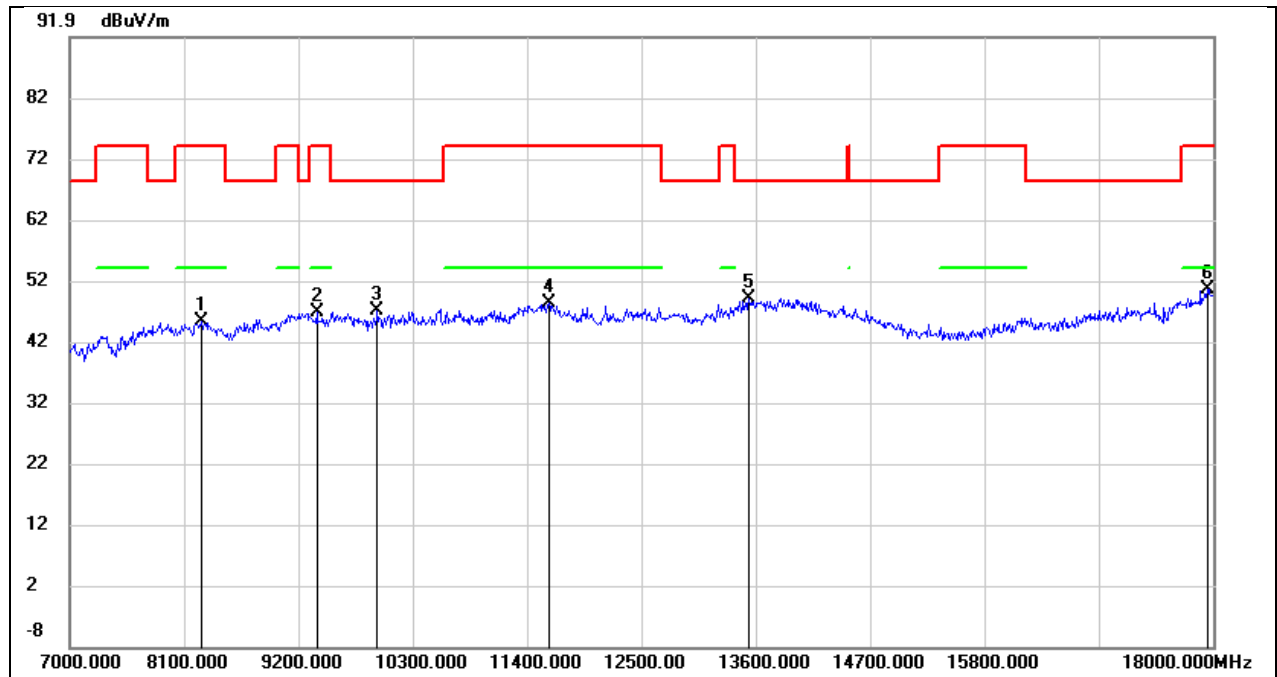
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	37.45	8.10	45.55	68.20	-22.65	peak
2	9321.000	35.33	11.79	47.12	74.00	-26.88	peak
3	11048.000	32.52	15.66	48.18	74.00	-25.82	peak
4	12544.000	27.55	19.83	47.38	74.00	-26.62	peak
5	14029.000	25.49	23.76	49.25	68.20	-18.95	peak
6	17989.000	22.11	28.40	50.51	74.00	-23.49	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 3.87V



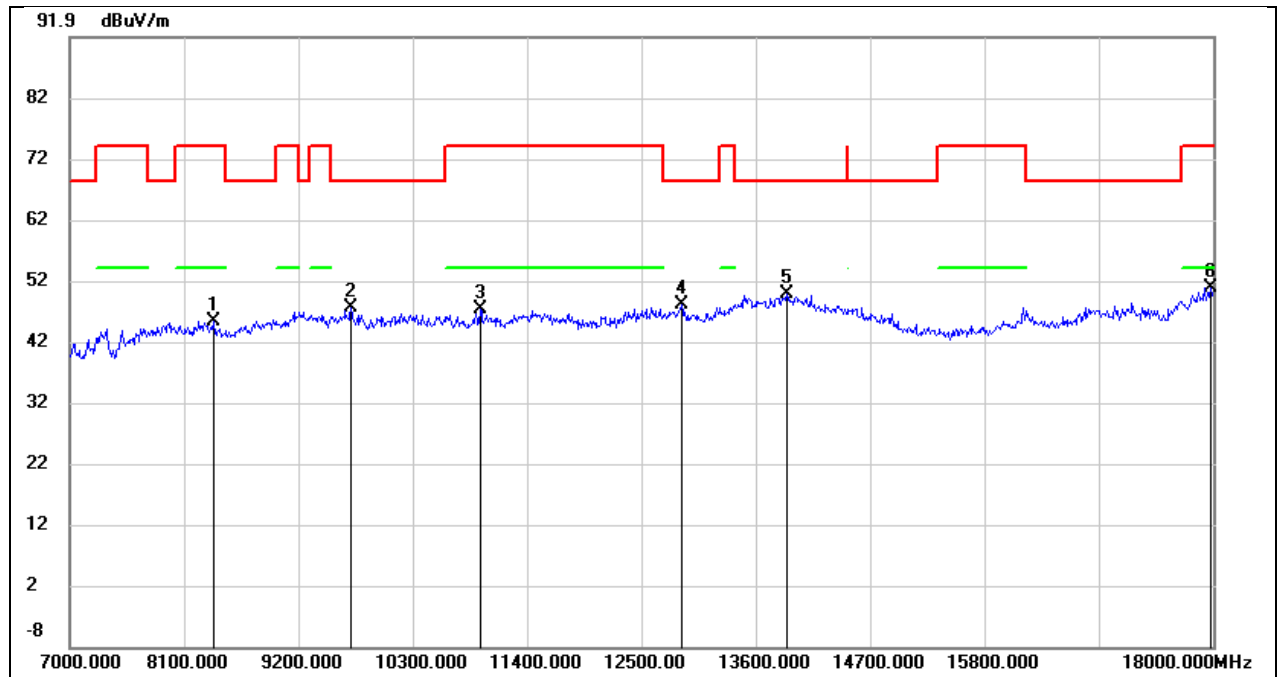
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7506.000	36.84	7.55	44.39	74.00	-29.61	peak
2	8320.000	36.94	8.51	45.45	74.00	-28.55	peak
3	9332.000	34.84	11.82	46.66	74.00	-27.34	peak
4	11356.000	32.14	17.00	49.14	74.00	-24.86	peak
5	13512.000	26.82	22.46	49.28	68.20	-18.92	peak
6	17989.000	21.27	28.40	49.67	74.00	-24.33	peak

Test Mode:	802.11a 20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



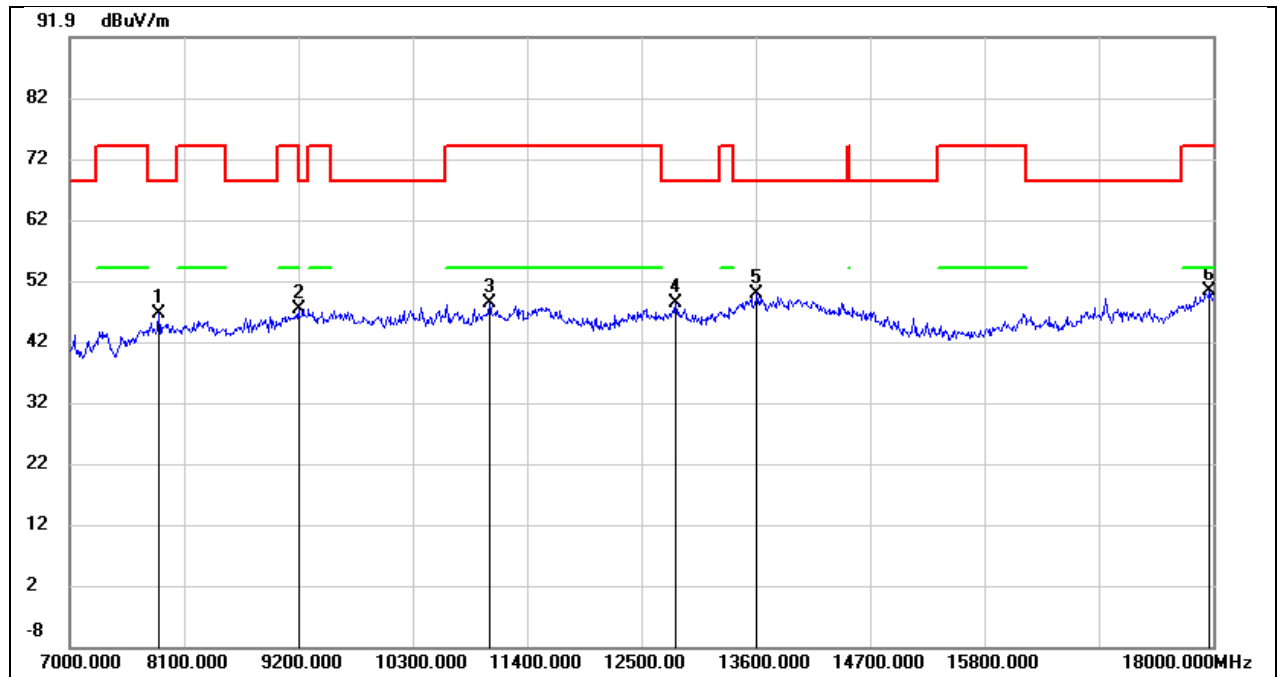
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	36.78	8.46	45.24	74.00	-28.76	peak
2	9376.000	34.91	11.96	46.87	74.00	-27.13	peak
3	9959.000	33.58	13.33	46.91	68.20	-21.29	peak
4	11609.000	30.49	17.88	48.37	74.00	-25.63	peak
5	13534.000	26.59	22.49	49.08	68.20	-19.12	peak
6	17945.000	22.62	28.01	50.63	74.00	-23.37	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 3.87V



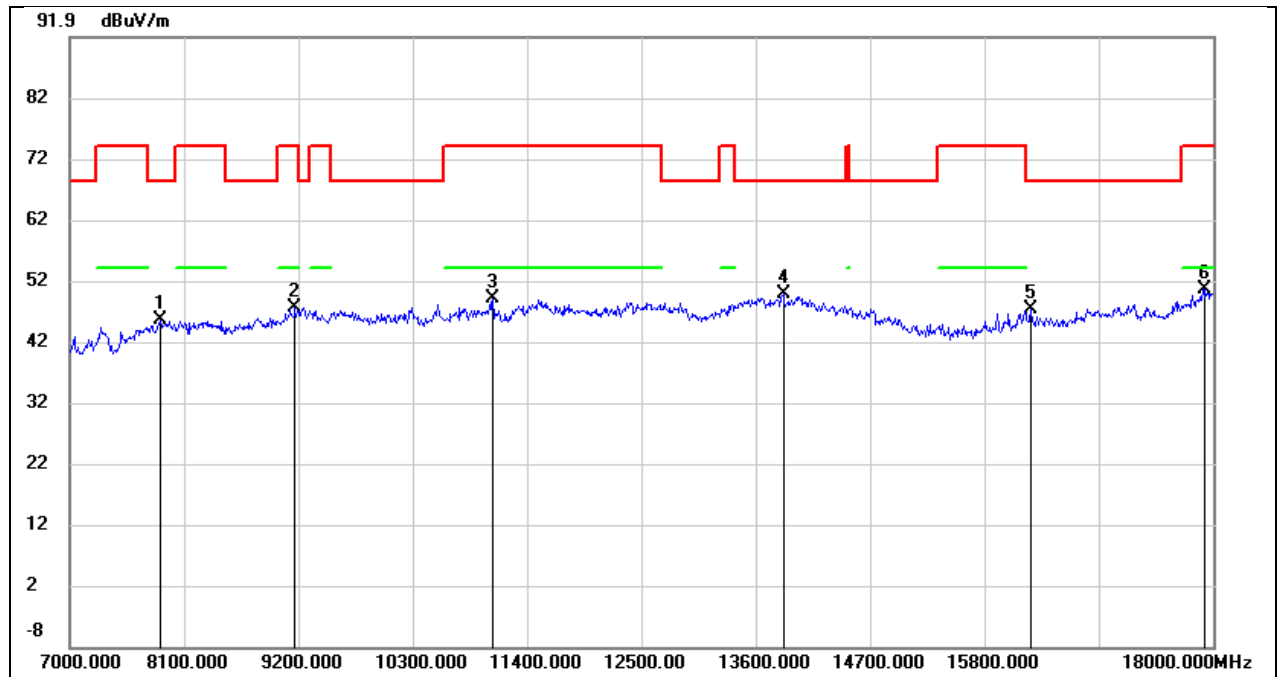
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8386.000	36.74	8.57	45.31	74.00	-28.69	peak
2	9706.000	33.97	13.49	47.46	68.20	-20.74	peak
3	10949.000	31.92	15.30	47.22	74.00	-26.78	peak
4	12885.000	27.57	20.51	48.08	68.20	-20.12	peak
5	13897.000	26.17	23.51	49.68	68.20	-18.52	peak
6	17978.000	22.55	28.31	50.86	74.00	-23.14	peak

Test Mode:	802.11a 20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 3.87V



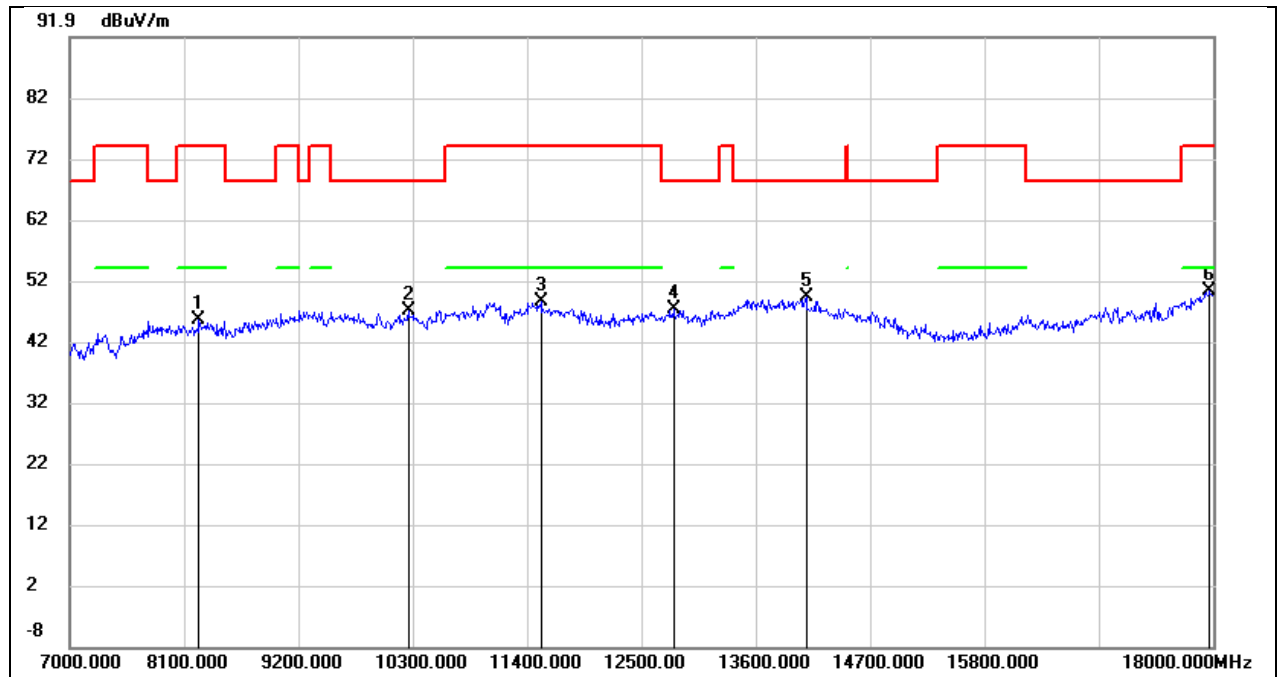
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7858.000	38.42	8.01	46.43	68.20	-21.77	peak
2	9200.000	35.89	11.42	47.31	68.20	-20.89	peak
3	11037.000	32.65	15.62	48.27	74.00	-25.73	peak
4	12830.000	27.75	20.53	48.28	68.20	-19.92	peak
5	13611.000	27.15	22.63	49.78	68.20	-18.42	peak
6	17967.000	22.17	28.21	50.38	74.00	-23.62	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 3.87V



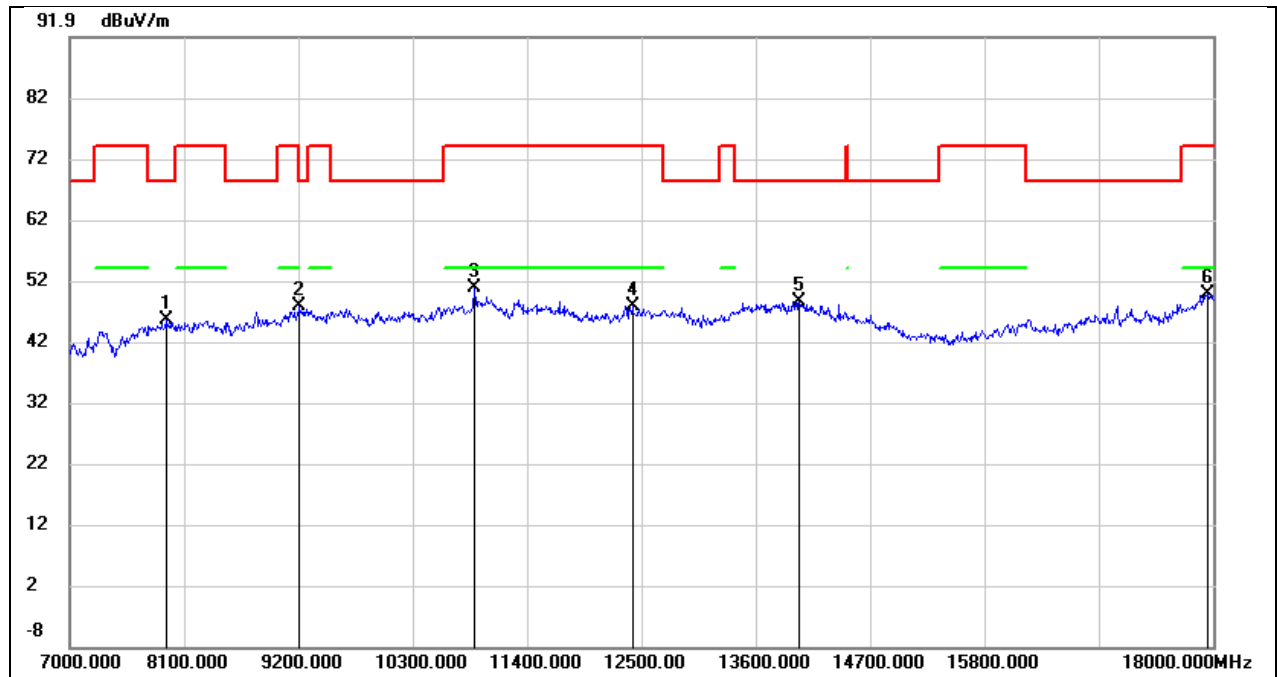
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7869.000	37.42	8.02	45.44	68.20	-22.76	peak
2	9167.000	36.25	11.28	47.53	74.00	-26.47	peak
3	11070.000	33.33	15.75	49.08	74.00	-24.92	peak
4	13864.000	26.39	23.39	49.78	68.20	-18.42	peak
5	16240.000	25.78	21.50	47.28	68.20	-20.92	peak
6	17923.000	22.83	27.79	50.62	74.00	-23.38	peak

Test Mode:	802.11a 20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



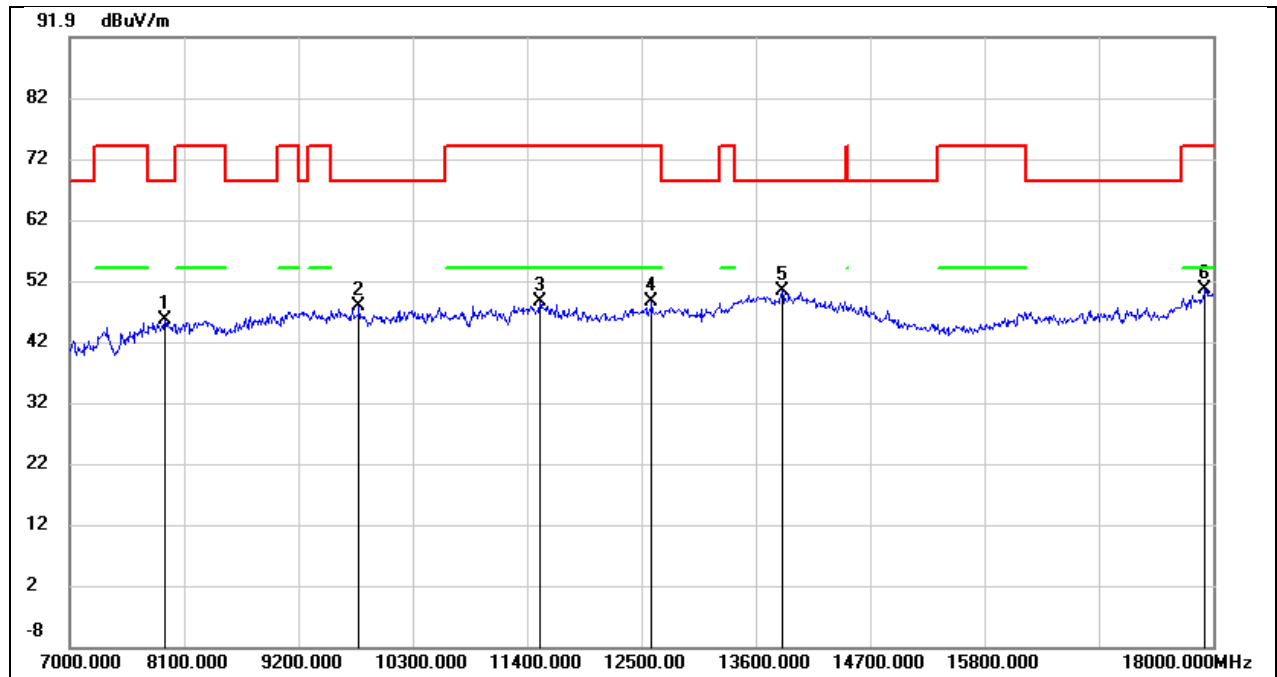
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8243.000	37.10	8.44	45.54	74.00	-28.46	peak
2	10256.000	33.67	13.44	47.11	68.20	-21.09	peak
3	11532.000	30.99	17.64	48.63	74.00	-25.37	peak
4	12808.000	26.87	20.53	47.40	68.20	-20.80	peak
5	14084.000	25.72	23.49	49.21	68.20	-18.99	peak
6	17967.000	21.95	28.21	50.16	74.00	-23.84	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



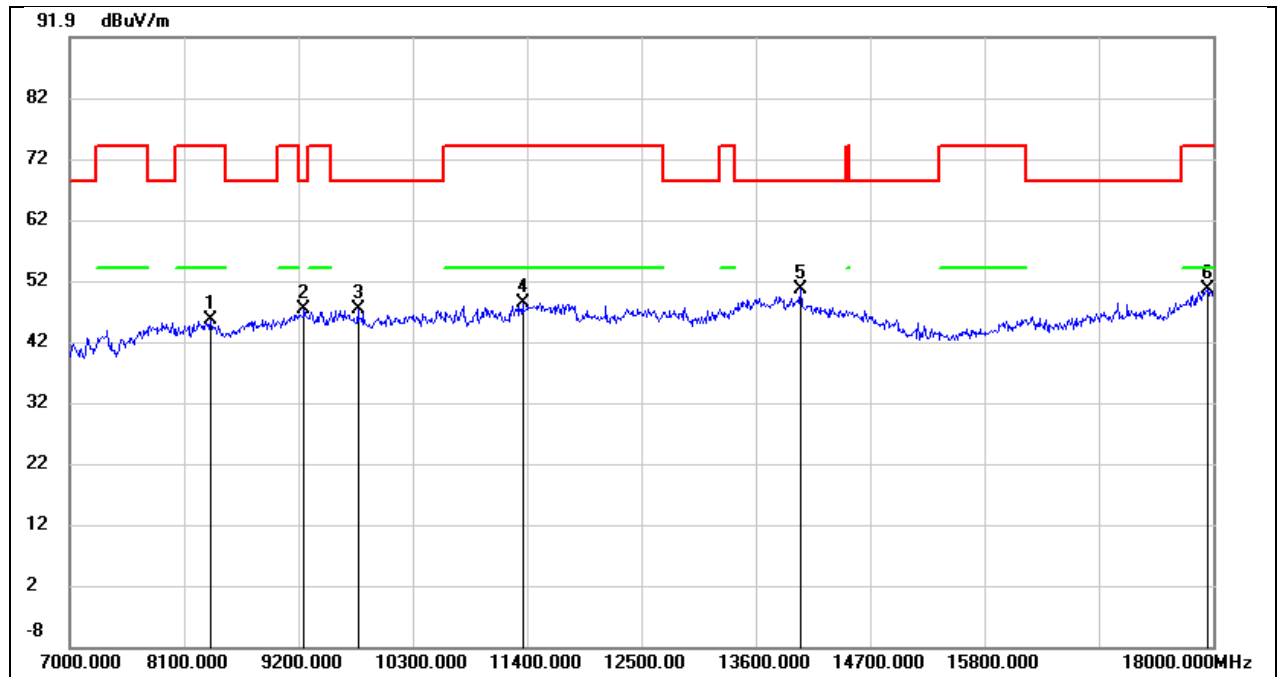
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7924.000	37.40	8.09	45.49	68.20	-22.71	peak
2	9211.000	36.28	11.45	47.73	68.20	-20.47	peak
3	10894.000	35.54	15.14	50.68	74.00	-23.32	peak
4	12412.000	28.23	19.65	47.88	74.00	-26.12	peak
5	14018.000	24.73	23.83	48.56	68.20	-19.64	peak
6	17945.000	21.69	28.01	49.70	74.00	-24.30	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



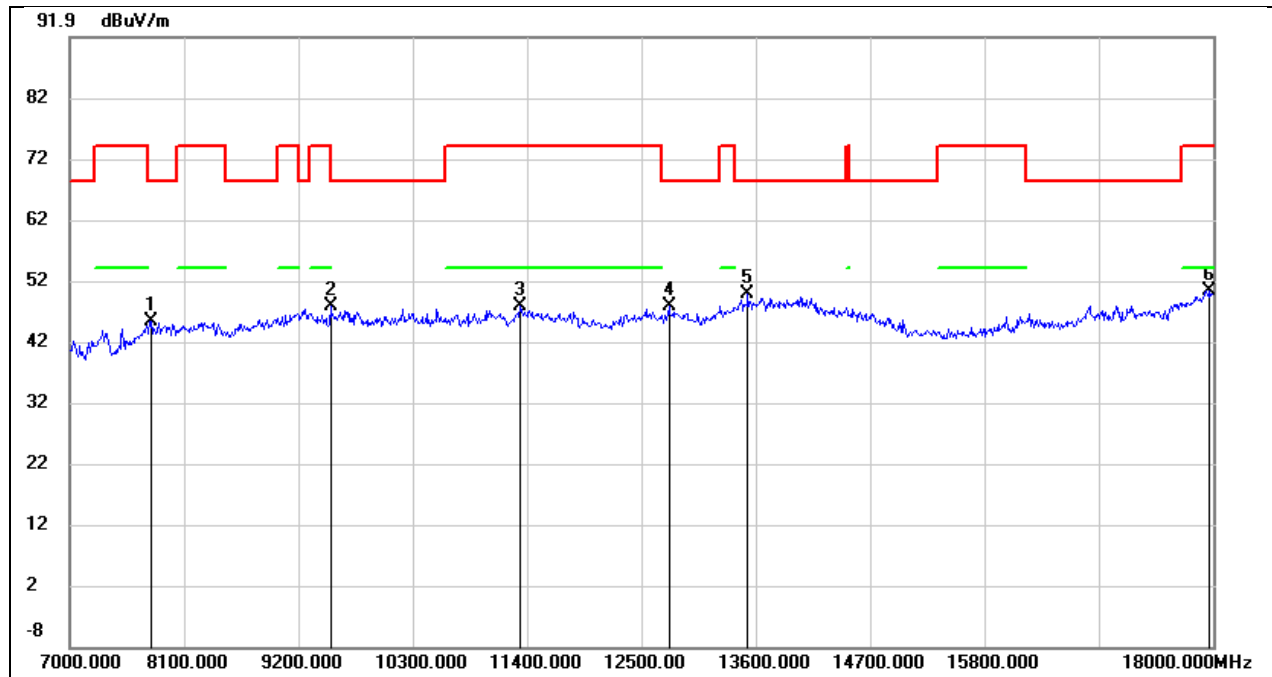
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	37.43	8.08	45.51	68.20	-22.69	peak
2	9783.000	34.11	13.63	47.74	68.20	-20.46	peak
3	11521.000	30.98	17.60	48.58	74.00	-25.42	peak
4	12599.000	28.55	19.88	48.43	74.00	-25.57	peak
5	13853.000	27.02	23.34	50.36	68.20	-17.84	peak
6	17923.000	22.77	27.79	50.56	74.00	-23.44	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 3.87V



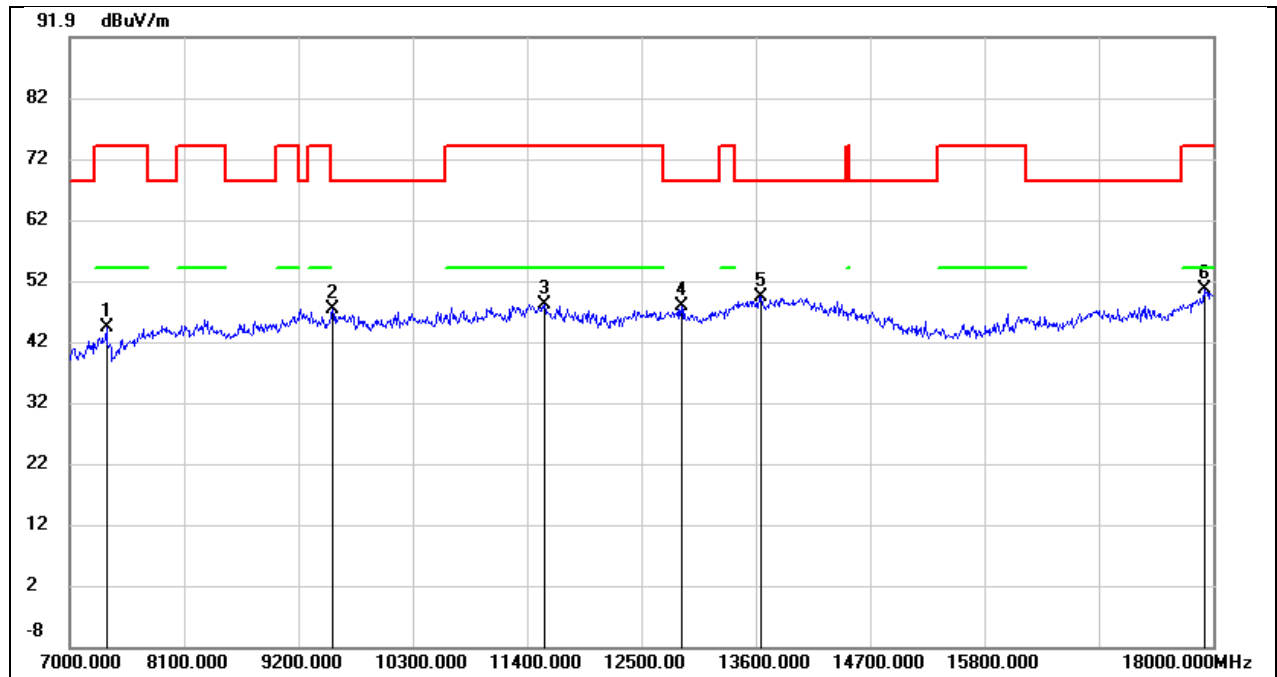
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8353.000	37.06	8.54	45.60	74.00	-28.40	peak
2	9255.000	35.61	11.59	47.20	68.20	-21.00	peak
3	9772.000	33.66	13.61	47.27	68.20	-20.93	peak
4	11356.000	31.32	17.00	48.32	74.00	-25.68	peak
5	14029.000	26.74	23.76	50.50	68.20	-17.70	peak
6	17945.000	22.49	28.01	50.50	74.00	-23.50	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 3.87V



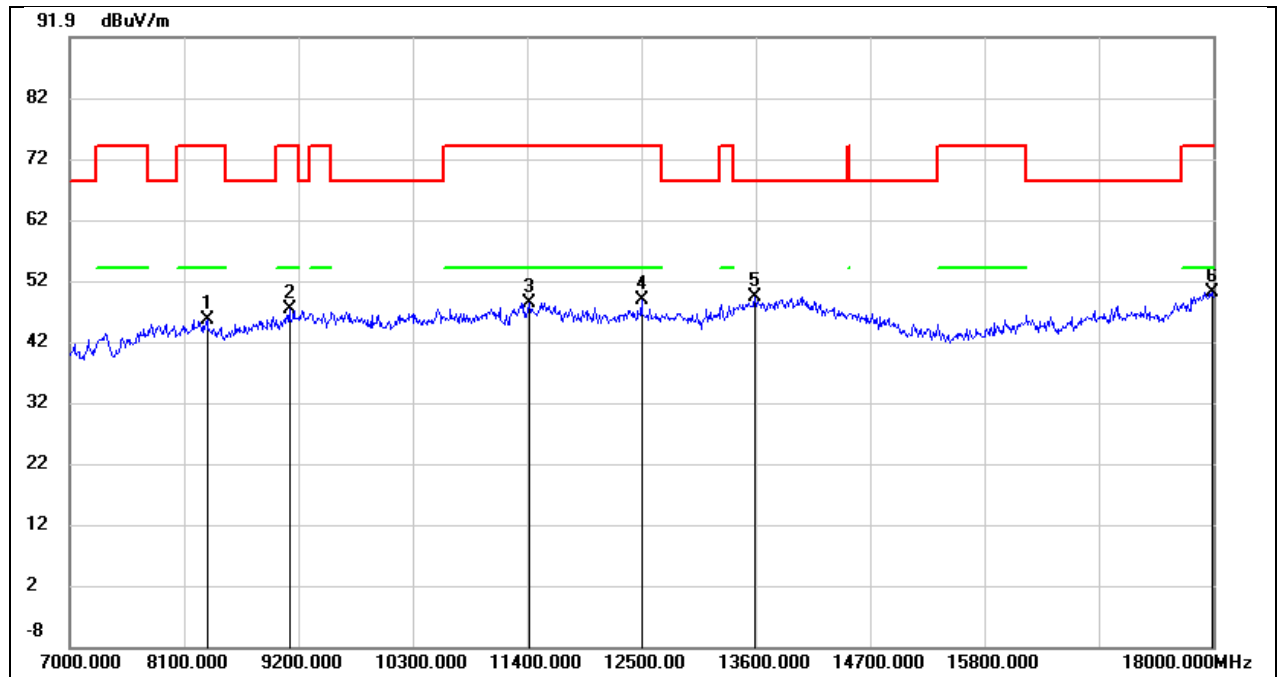
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7781.000	37.35	7.92	45.27	68.20	-22.93	peak
2	9508.000	34.99	12.71	47.70	68.20	-20.50	peak
3	11334.000	30.79	16.90	47.69	74.00	-26.31	peak
4	12764.000	27.43	20.42	47.85	68.20	-20.35	peak
5	13523.000	27.18	22.48	49.66	68.20	-18.54	peak
6	17967.000	22.16	28.21	50.37	74.00	-23.63	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 3.87V



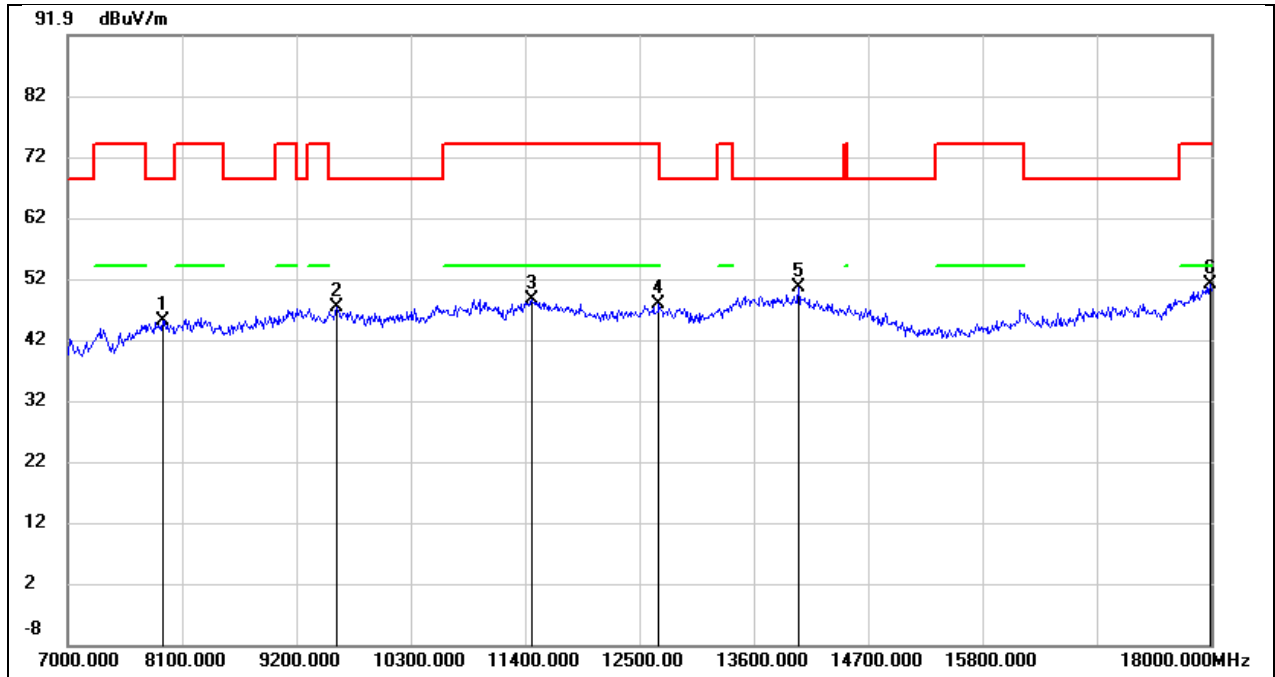
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.69	7.51	44.20	74.00	-29.80	peak
2	9530.000	34.52	12.85	47.37	68.20	-20.83	peak
3	11565.000	30.19	17.77	47.96	74.00	-26.04	peak
4	12885.000	27.26	20.51	47.77	68.20	-20.43	peak
5	13655.000	26.62	22.75	49.37	68.20	-18.83	peak
6	17912.000	22.85	27.70	50.55	74.00	-23.45	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



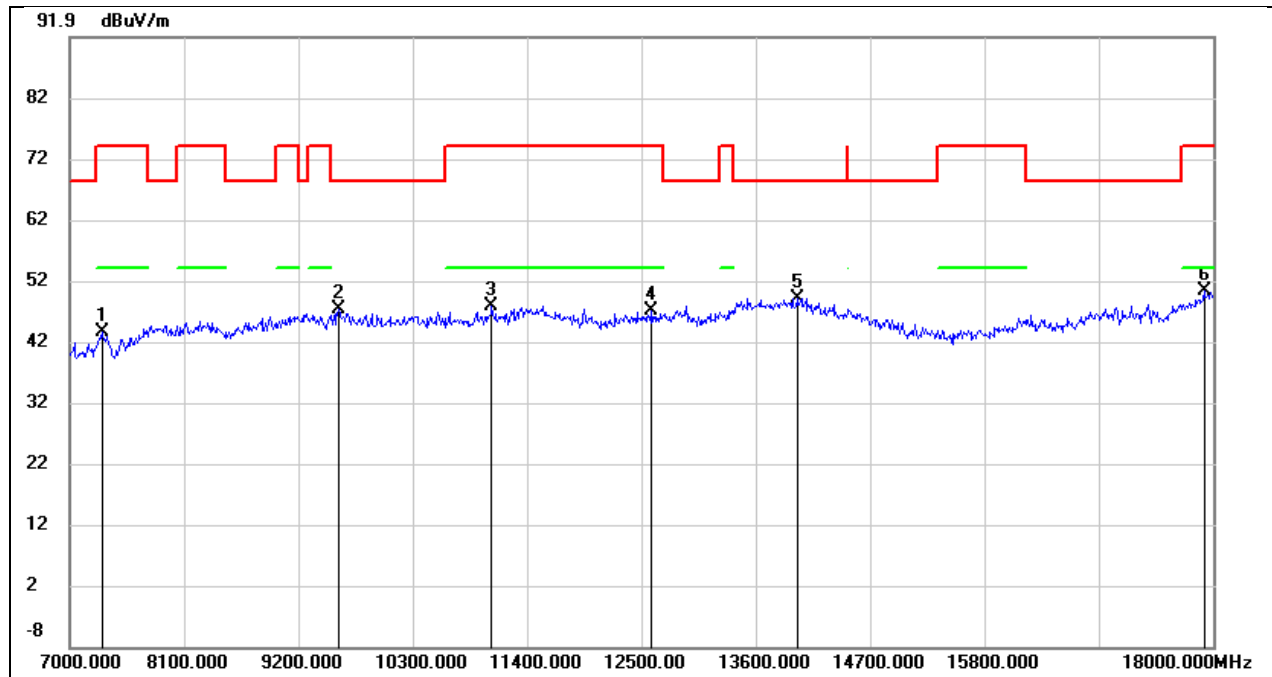
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8320.000	37.01	8.51	45.52	74.00	-28.48	peak
2	9112.000	36.27	11.05	47.32	74.00	-26.68	peak
3	11422.000	31.02	17.27	48.29	74.00	-25.71	peak
4	12500.000	28.91	19.79	48.70	74.00	-25.30	peak
5	13589.000	26.75	22.58	49.33	68.20	-18.87	peak
6	17989.000	21.62	28.40	50.02	74.00	-23.98	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 3.87V



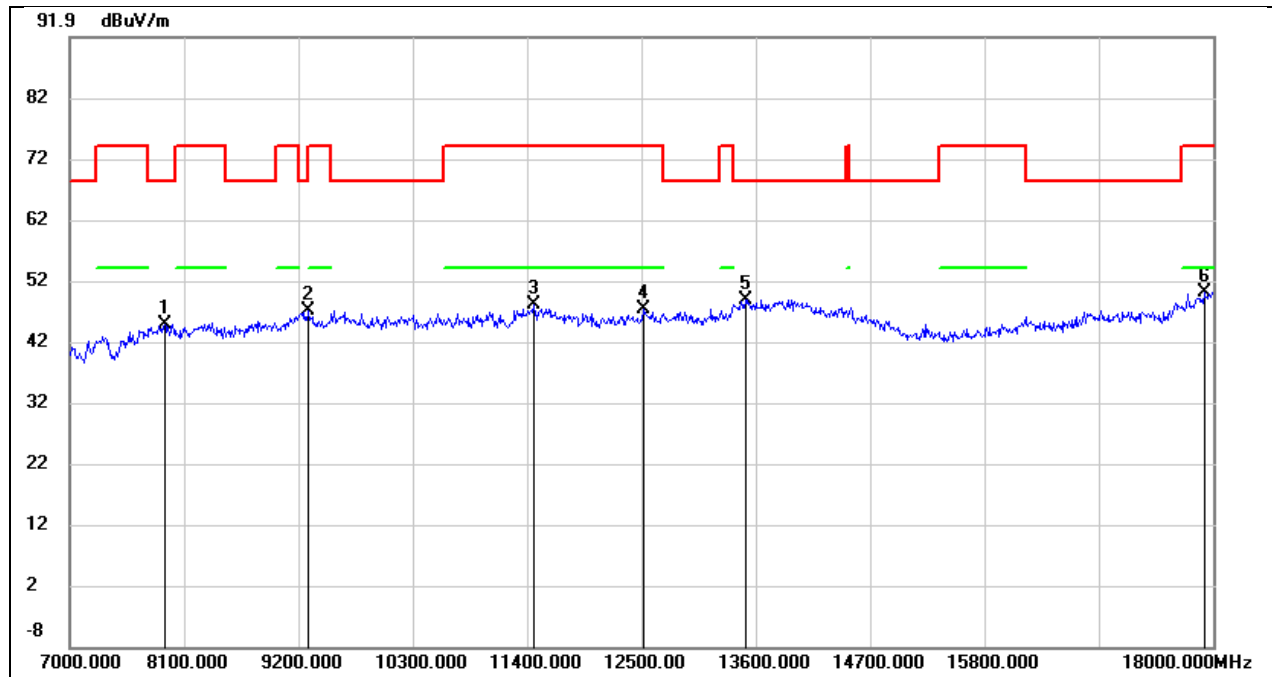
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	36.94	8.08	45.02	68.20	-23.18	peak
2	9585.000	34.17	13.19	47.36	68.20	-20.84	peak
3	11466.000	31.20	17.42	48.62	74.00	-25.38	peak
4	12687.000	27.65	20.17	47.82	74.00	-26.18	peak
5	14029.000	26.75	23.76	50.51	68.20	-17.69	peak
6	17989.000	22.53	28.40	50.93	74.00	-23.07	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



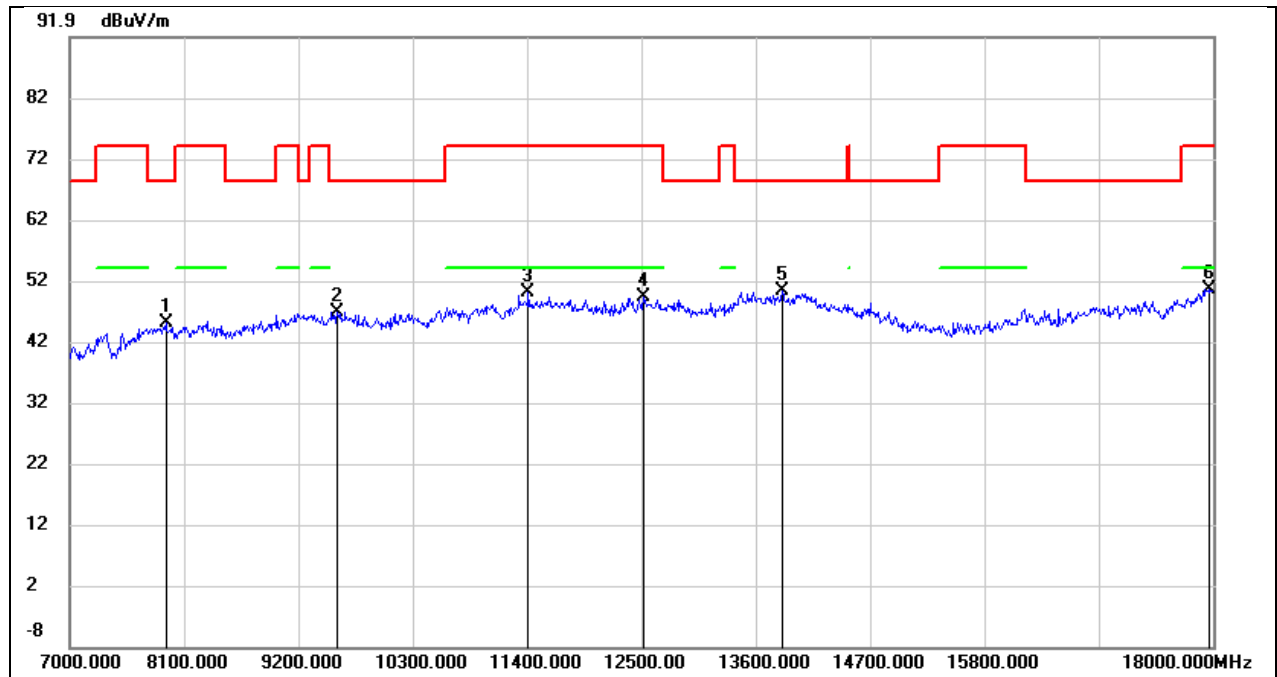
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.13	7.49	43.62	74.00	-30.38	peak
2	9585.000	34.02	13.19	47.21	68.20	-20.99	peak
3	11059.000	32.00	15.71	47.71	74.00	-26.29	peak
4	12599.000	27.18	19.88	47.06	74.00	-26.94	peak
5	13996.000	25.22	23.89	49.11	68.20	-19.09	peak
6	17912.000	22.51	27.70	50.21	74.00	-23.79	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 3.87V



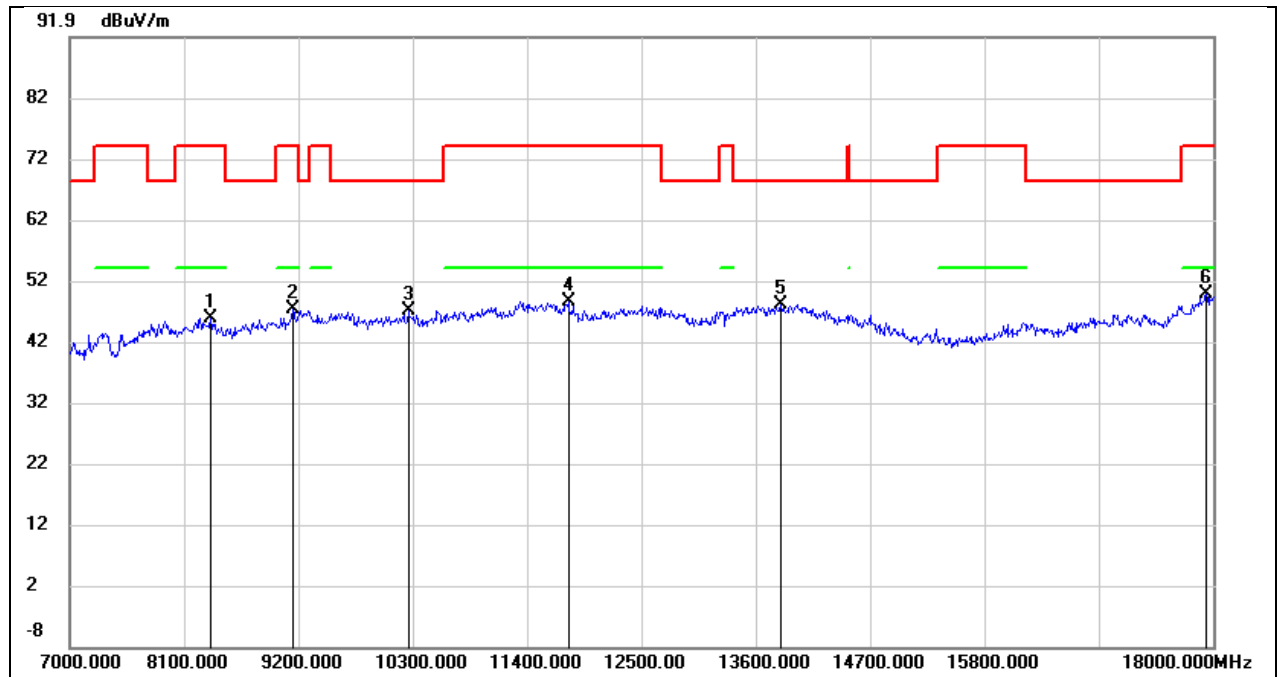
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	36.68	8.08	44.76	68.20	-23.44	peak
2	9299.000	35.43	11.72	47.15	68.20	-21.05	peak
3	11466.000	30.62	17.42	48.04	74.00	-25.96	peak
4	12522.000	27.43	19.80	47.23	74.00	-26.77	peak
5	13501.000	26.42	22.44	48.86	68.20	-19.34	peak
6	17912.000	22.35	27.70	50.05	74.00	-23.95	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 3.87V



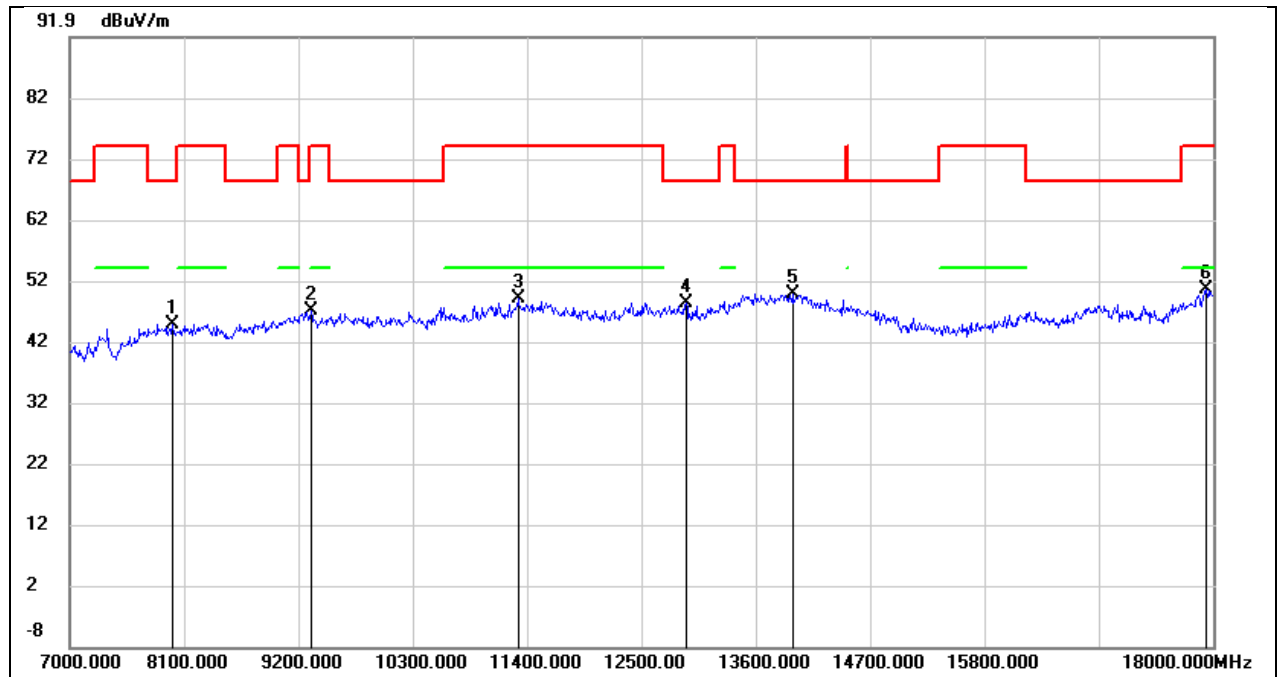
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7924.000	36.82	8.09	44.91	68.20	-23.29	peak
2	9574.000	33.70	13.13	46.83	68.20	-21.37	peak
3	11411.000	32.68	17.24	49.92	74.00	-24.08	peak
4	12522.000	29.42	19.80	49.22	74.00	-24.78	peak
5	13853.000	26.89	23.34	50.23	68.20	-17.97	peak
6	17967.000	22.41	28.21	50.62	74.00	-23.38	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 3.87V



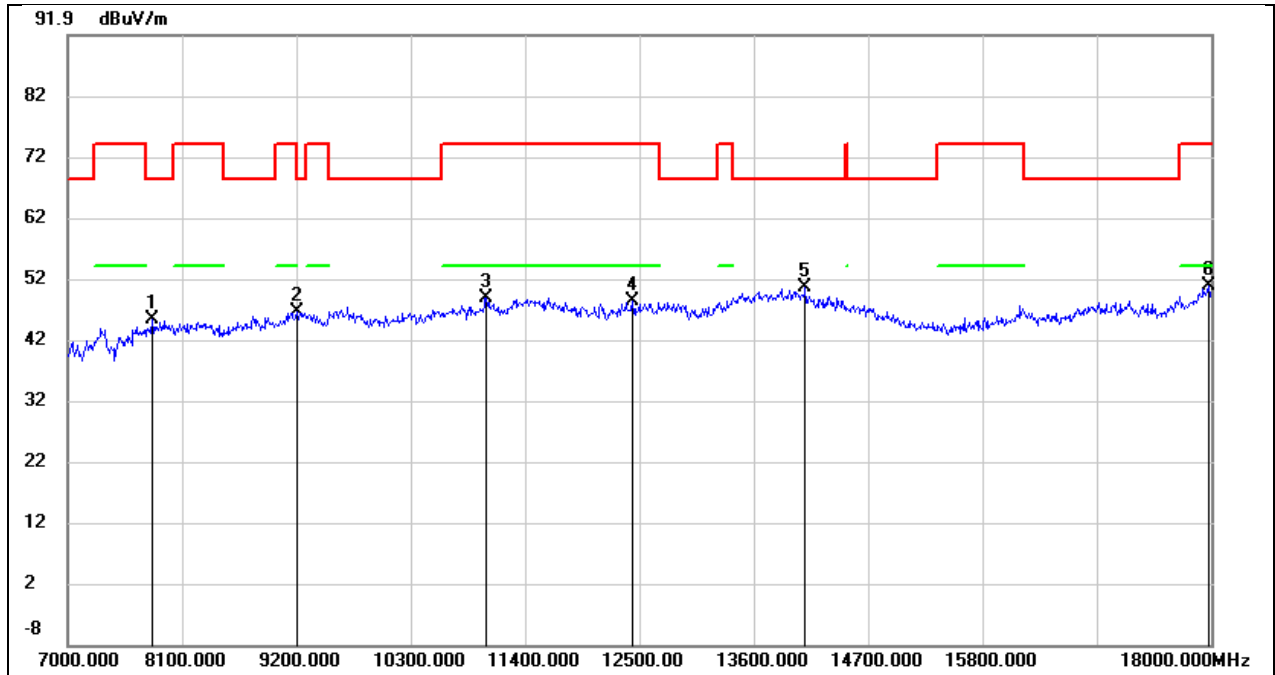
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8353.000	37.30	8.54	45.84	74.00	-28.16	peak
2	9145.000	36.09	11.18	47.27	74.00	-26.73	peak
3	10256.000	33.71	13.44	47.15	68.20	-21.05	peak
4	11796.000	30.72	17.93	48.65	74.00	-25.35	peak
5	13842.000	24.79	23.29	48.08	68.20	-20.12	peak
6	17934.000	21.76	27.90	49.66	74.00	-24.34	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



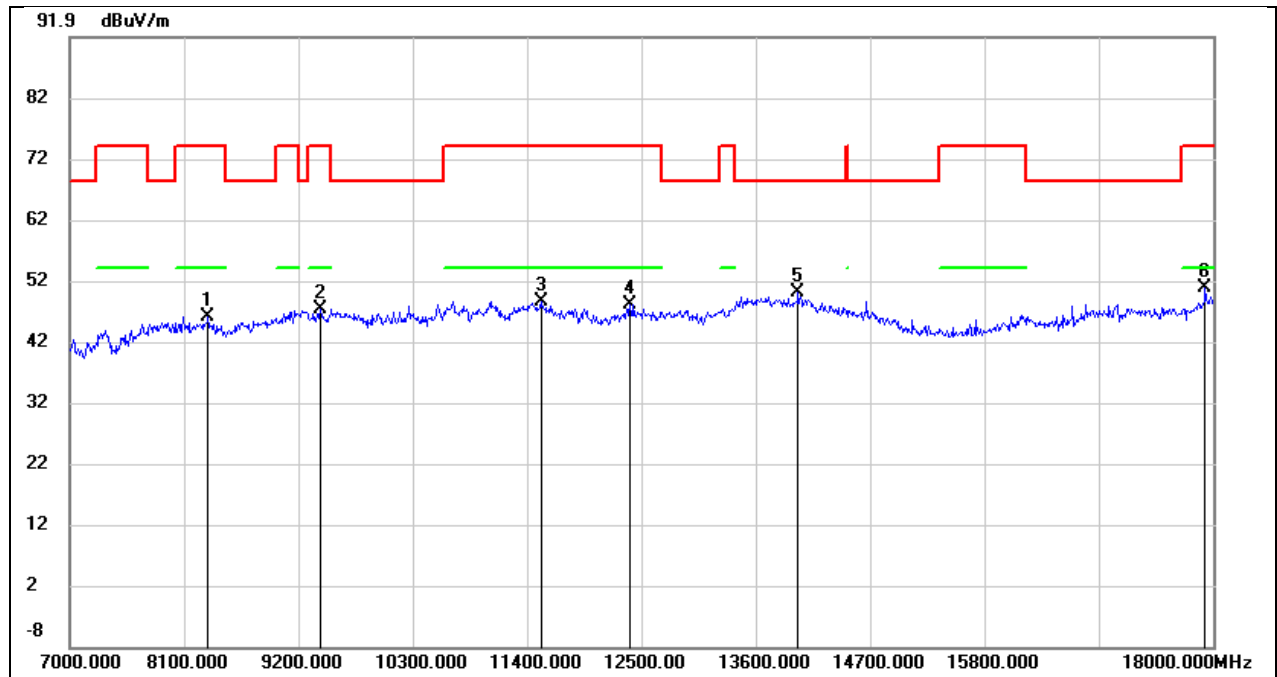
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	36.73	8.16	44.89	68.20	-23.31	peak
2	9321.000	35.32	11.79	47.11	74.00	-26.89	peak
3	11312.000	32.25	16.79	49.04	74.00	-24.96	peak
4	12929.000	27.86	20.50	48.36	68.20	-19.84	peak
5	13952.000	26.13	23.73	49.86	68.20	-18.34	peak
6	17934.000	22.53	27.90	50.43	74.00	-23.57	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 3.87V



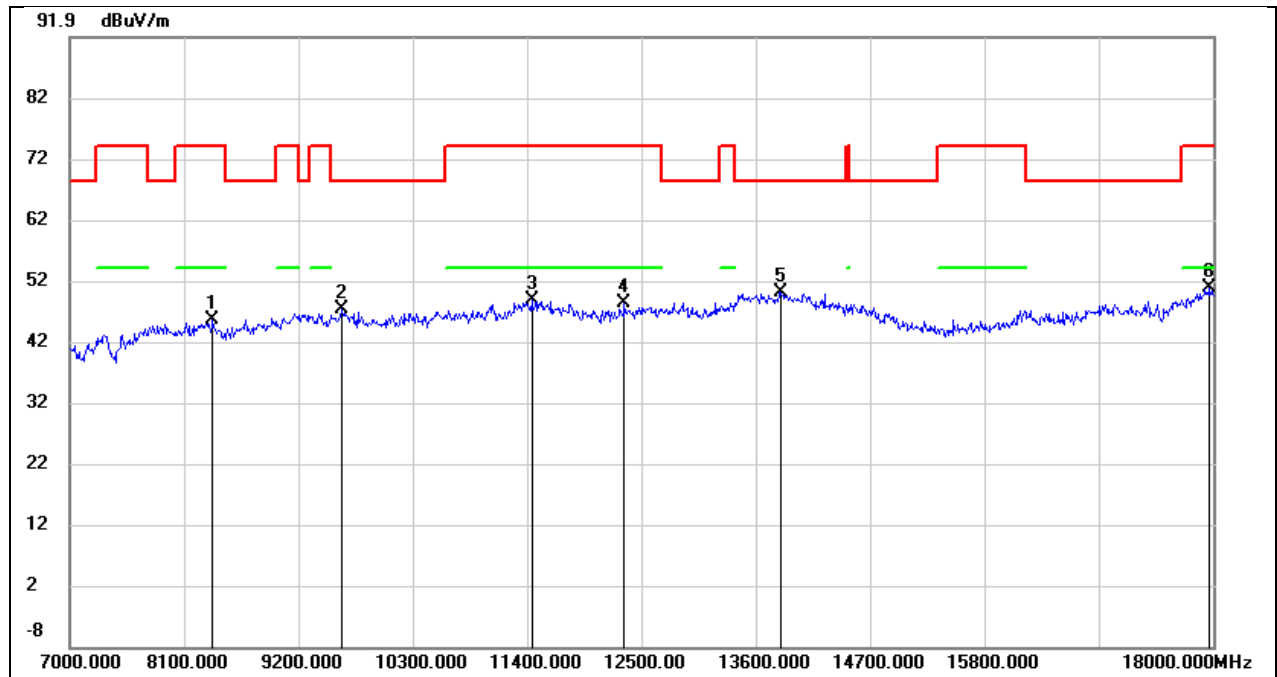
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	37.32	7.97	45.29	68.20	-22.91	peak
2	9211.000	35.16	11.45	46.61	68.20	-21.59	peak
3	11026.000	33.32	15.57	48.89	74.00	-25.11	peak
4	12434.000	28.53	19.69	48.22	74.00	-25.78	peak
5	14095.000	27.01	23.44	50.45	68.20	-17.75	peak
6	17978.000	22.59	28.31	50.90	74.00	-23.10	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



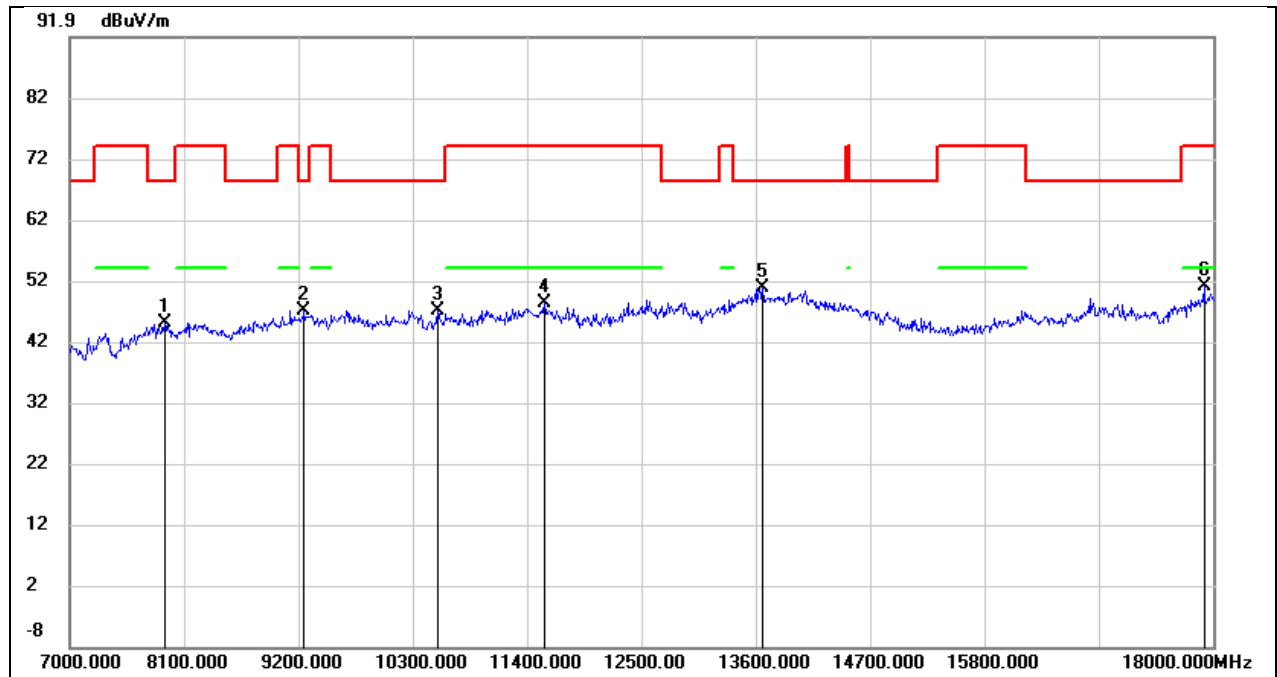
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	37.59	8.52	46.11	74.00	-27.89	peak
2	9409.000	35.31	12.08	47.39	74.00	-26.61	peak
3	11532.000	30.80	17.64	48.44	74.00	-25.56	peak
4	12390.000	28.30	19.62	47.92	74.00	-26.08	peak
5	14007.000	26.21	23.88	50.09	68.20	-18.11	peak
6	17923.000	22.90	27.79	50.69	74.00	-23.31	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 3.87V



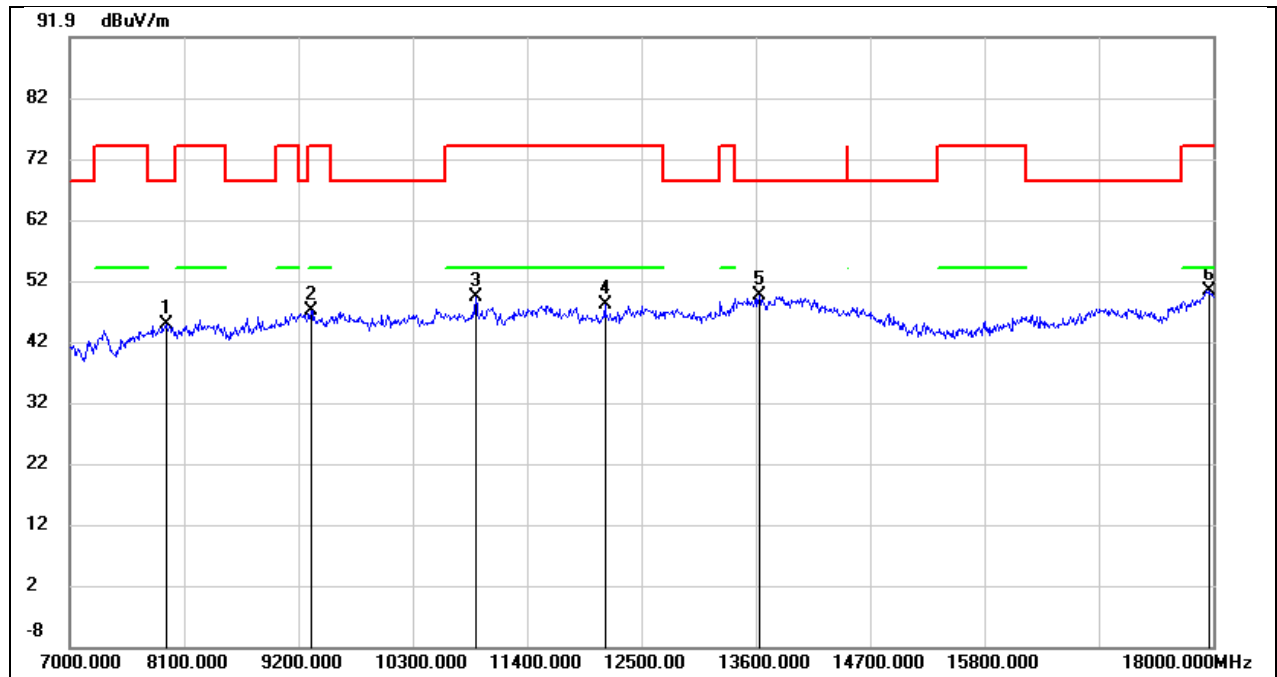
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8375.000	37.00	8.55	45.55	74.00	-28.45	peak
2	9618.000	33.93	13.31	47.24	68.20	-20.96	peak
3	11444.000	31.49	17.35	48.84	74.00	-25.16	peak
4	12335.000	28.81	19.46	48.27	74.00	-25.73	peak
5	13842.000	26.80	23.29	50.09	68.20	-18.11	peak
6	17967.000	22.51	28.21	50.72	74.00	-23.28	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



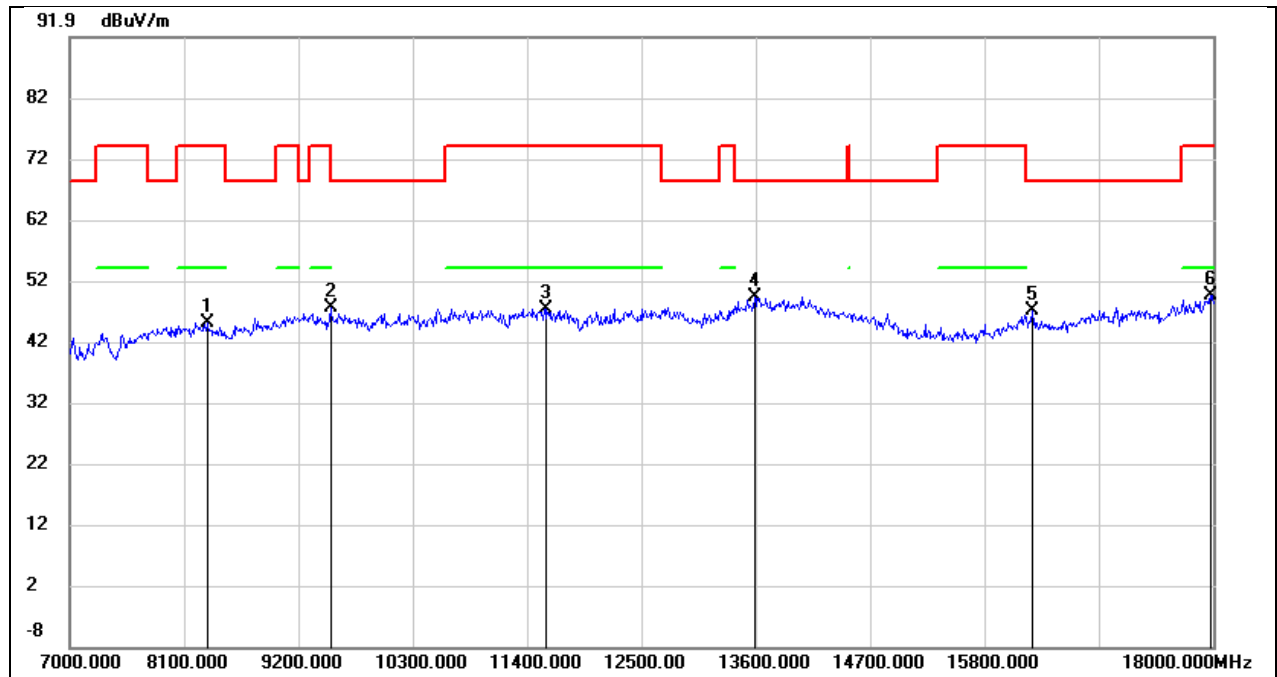
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	36.91	8.08	44.99	68.20	-23.21	peak
2	9255.000	35.43	11.59	47.02	68.20	-21.18	peak
3	10542.000	32.79	14.15	46.94	68.20	-21.26	peak
4	11565.000	30.46	17.77	48.23	74.00	-25.77	peak
5	13666.000	27.99	22.78	50.77	68.20	-17.43	peak
6	17912.000	23.26	27.70	50.96	74.00	-23.04	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 3.87V



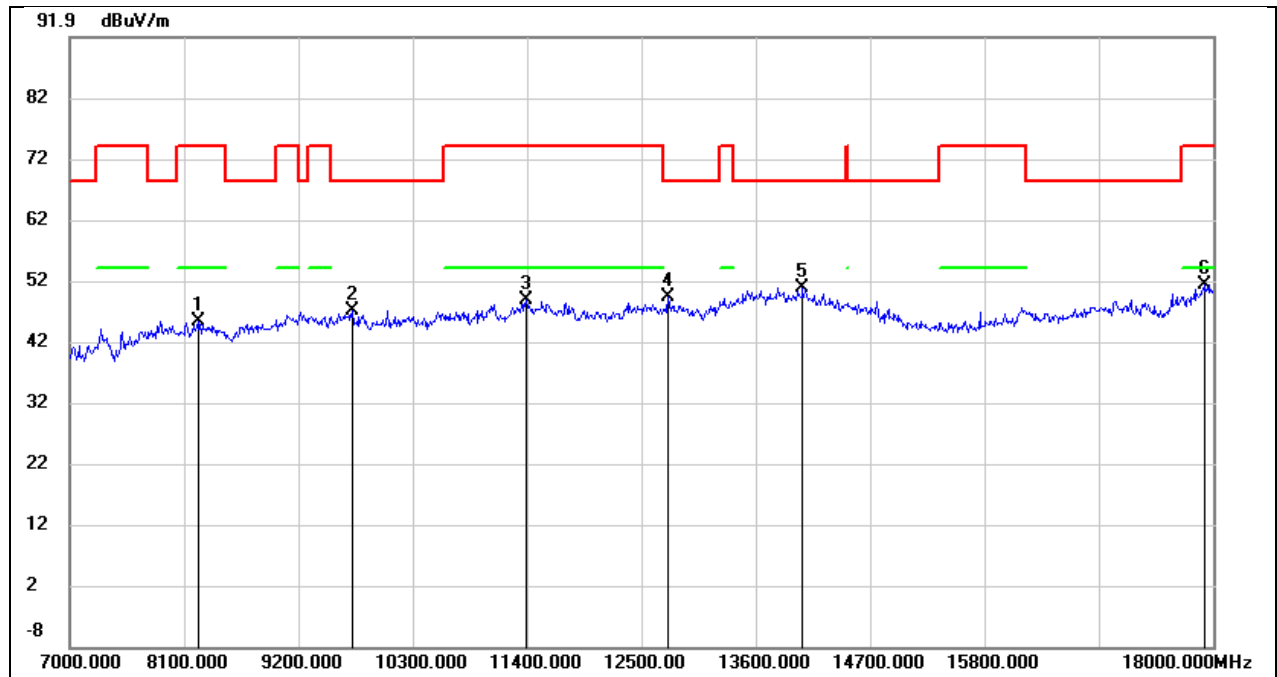
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	36.75	8.10	44.85	68.20	-23.35	peak
2	9321.000	35.34	11.79	47.13	74.00	-26.87	peak
3	10905.000	33.99	15.17	49.16	74.00	-24.84	peak
4	12148.000	29.16	18.97	48.13	74.00	-25.87	peak
5	13633.000	26.81	22.68	49.49	68.20	-18.71	peak
6	17967.000	22.14	28.21	50.35	74.00	-23.65	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.87V



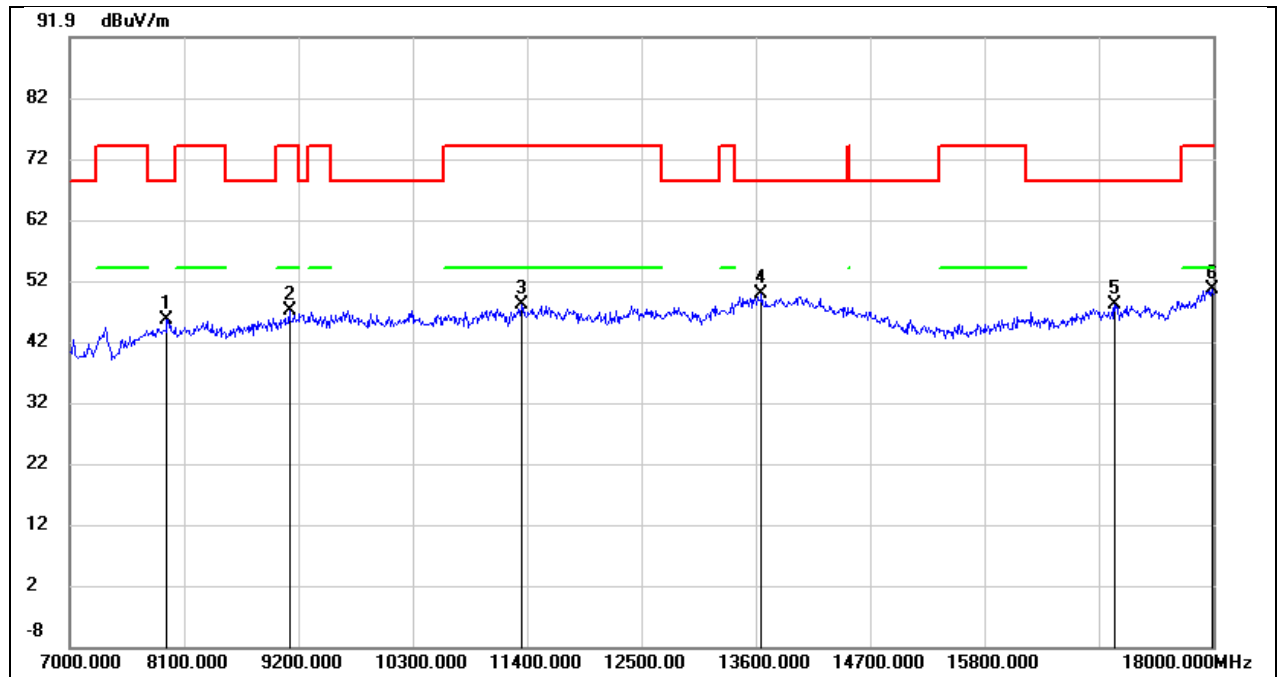
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8320.000	36.52	8.51	45.03	74.00	-28.97	peak
2	9508.000	34.86	12.71	47.57	68.20	-20.63	peak
3	11587.000	29.50	17.84	47.34	74.00	-26.66	peak
4	13589.000	26.82	22.58	49.40	68.20	-18.80	peak
5	16262.000	25.69	21.43	47.12	68.20	-21.08	peak
6	17978.000	21.30	28.31	49.61	74.00	-24.39	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 3.87V



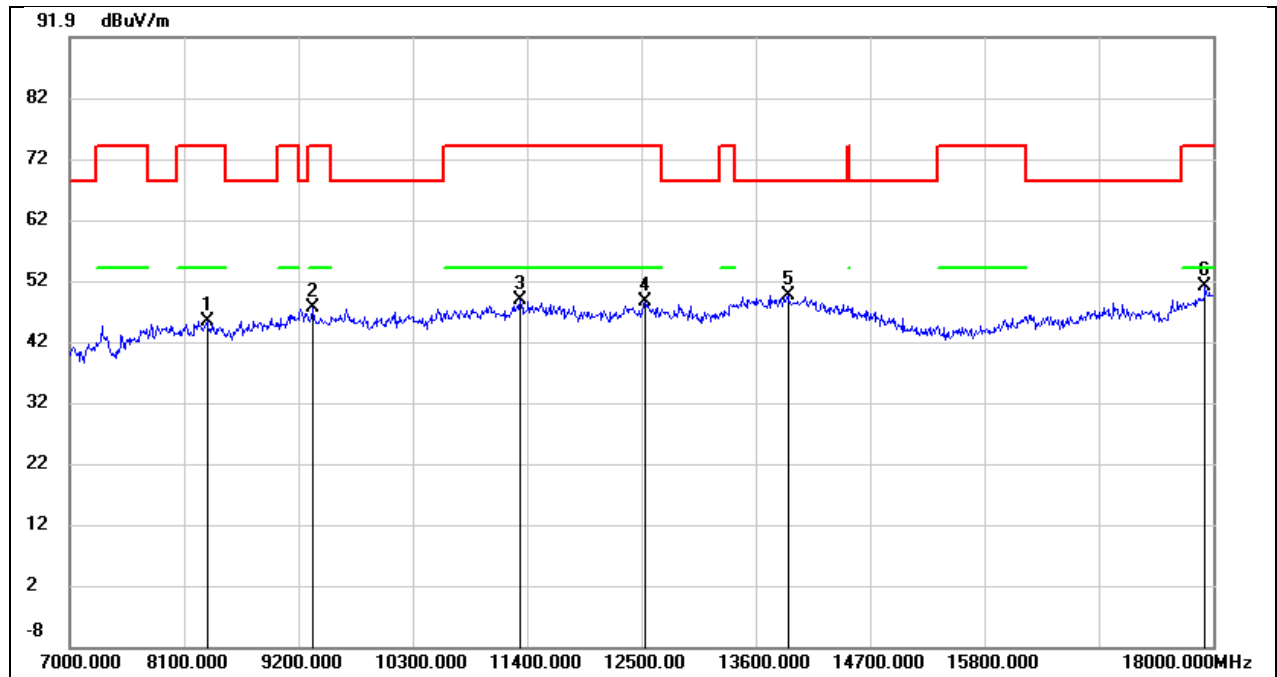
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	36.84	8.44	45.28	74.00	-28.72	peak
2	9717.000	33.49	13.50	46.99	68.20	-21.21	peak
3	11389.000	31.59	17.15	48.74	74.00	-25.26	peak
4	12753.000	28.95	20.38	49.33	68.20	-18.87	peak
5	14051.000	27.22	23.66	50.88	68.20	-17.32	peak
6	17923.000	23.41	27.79	51.20	74.00	-22.80	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.87V



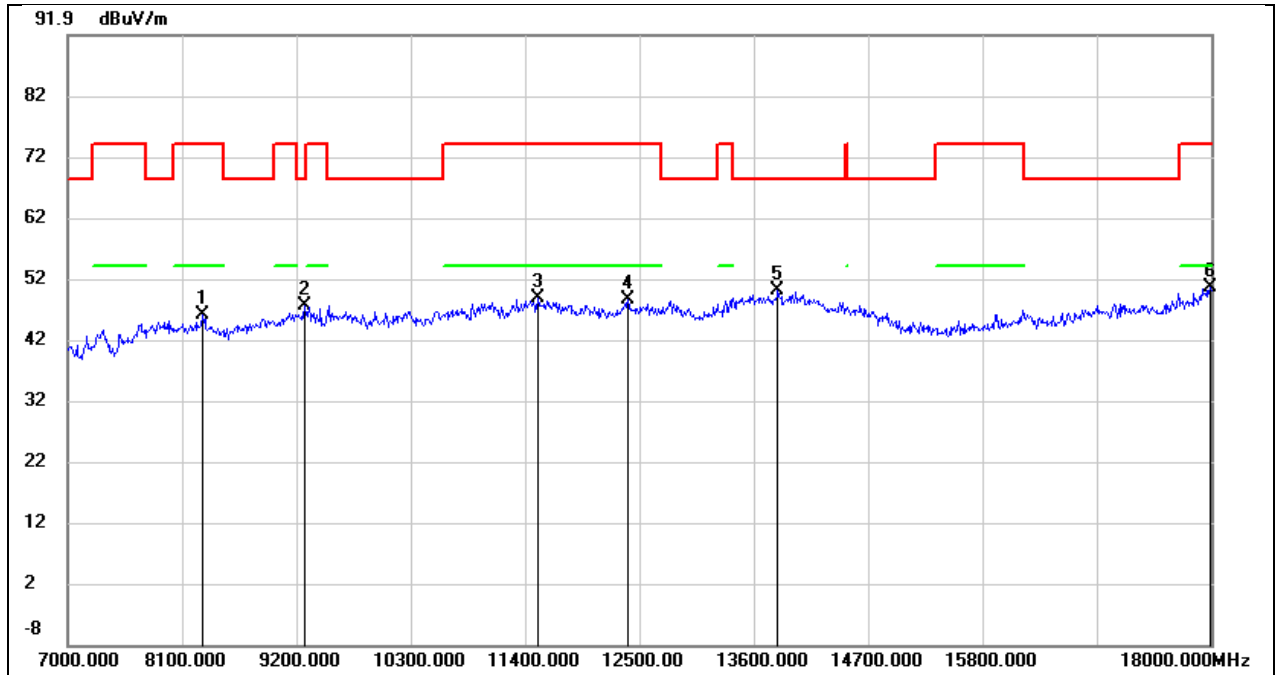
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	37.39	8.10	45.49	68.20	-22.71	peak
2	9112.000	36.07	11.05	47.12	74.00	-26.88	peak
3	11345.000	30.97	16.96	47.93	74.00	-26.07	peak
4	13655.000	26.92	22.75	49.67	68.20	-18.53	peak
5	17054.000	25.12	22.99	48.11	68.20	-20.09	peak
6	17989.000	22.05	28.40	50.45	74.00	-23.55	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 3.87V



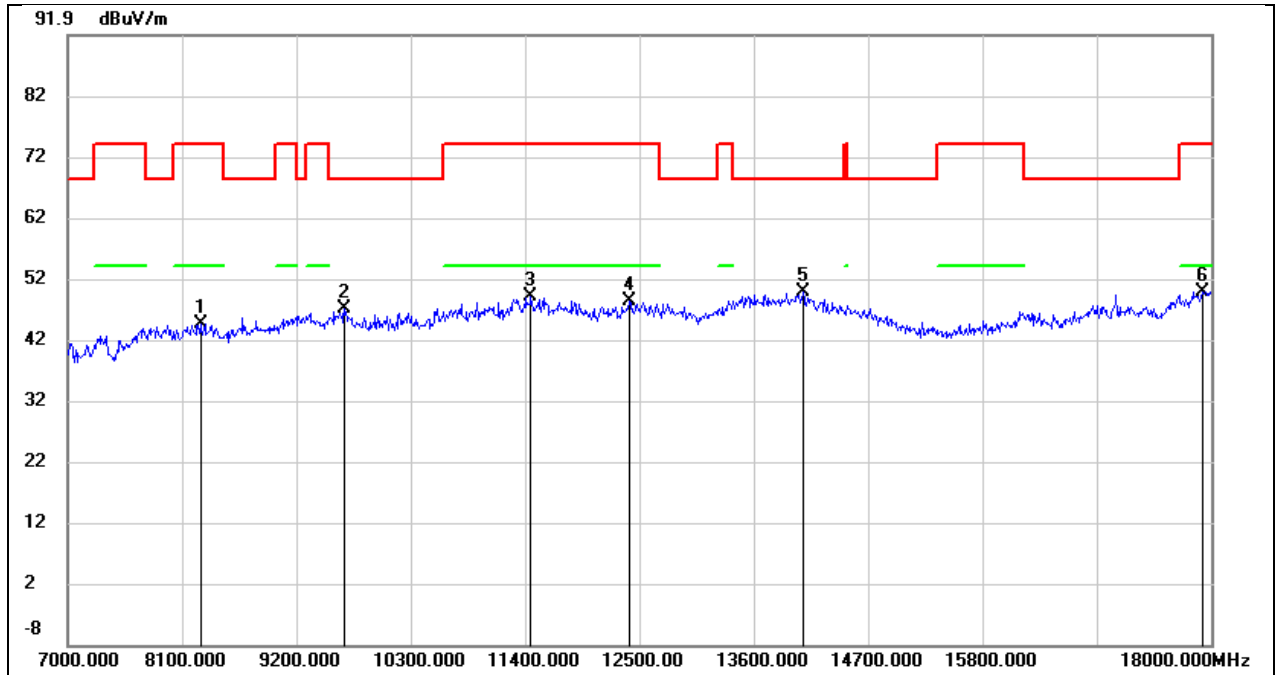
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8320.000	36.79	8.51	45.30	74.00	-28.70	peak
2	9332.000	35.62	11.82	47.44	74.00	-26.56	peak
3	11334.000	31.85	16.90	48.75	74.00	-25.25	peak
4	12533.000	28.77	19.82	48.59	74.00	-25.41	peak
5	13908.000	26.03	23.56	49.59	68.20	-18.61	peak
6	17923.000	23.15	27.79	50.94	74.00	-23.06	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



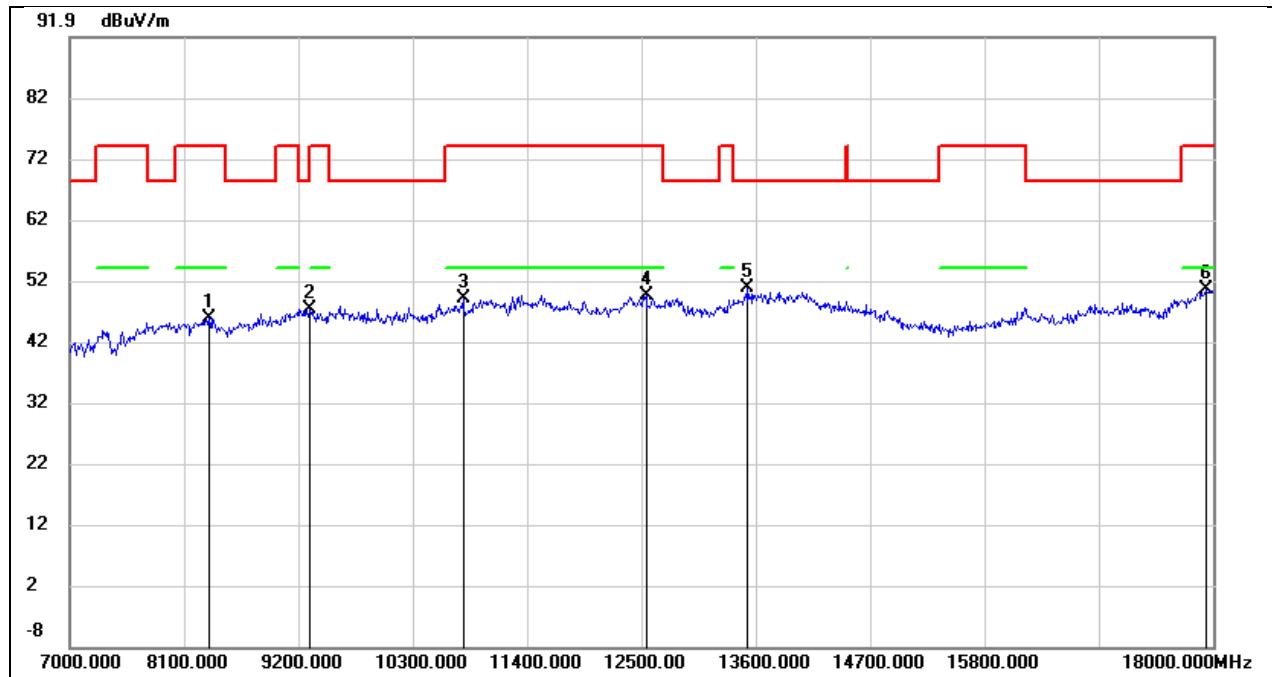
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8298.000	37.52	8.49	46.01	74.00	-27.99	peak
2	9277.000	35.84	11.66	47.50	68.20	-20.70	peak
3	11521.000	31.11	17.60	48.71	74.00	-25.29	peak
4	12390.000	28.98	19.62	48.60	74.00	-25.40	peak
5	13831.000	26.77	23.26	50.03	68.20	-18.17	peak
6	17989.000	22.24	28.40	50.64	74.00	-23.36	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 3.87V



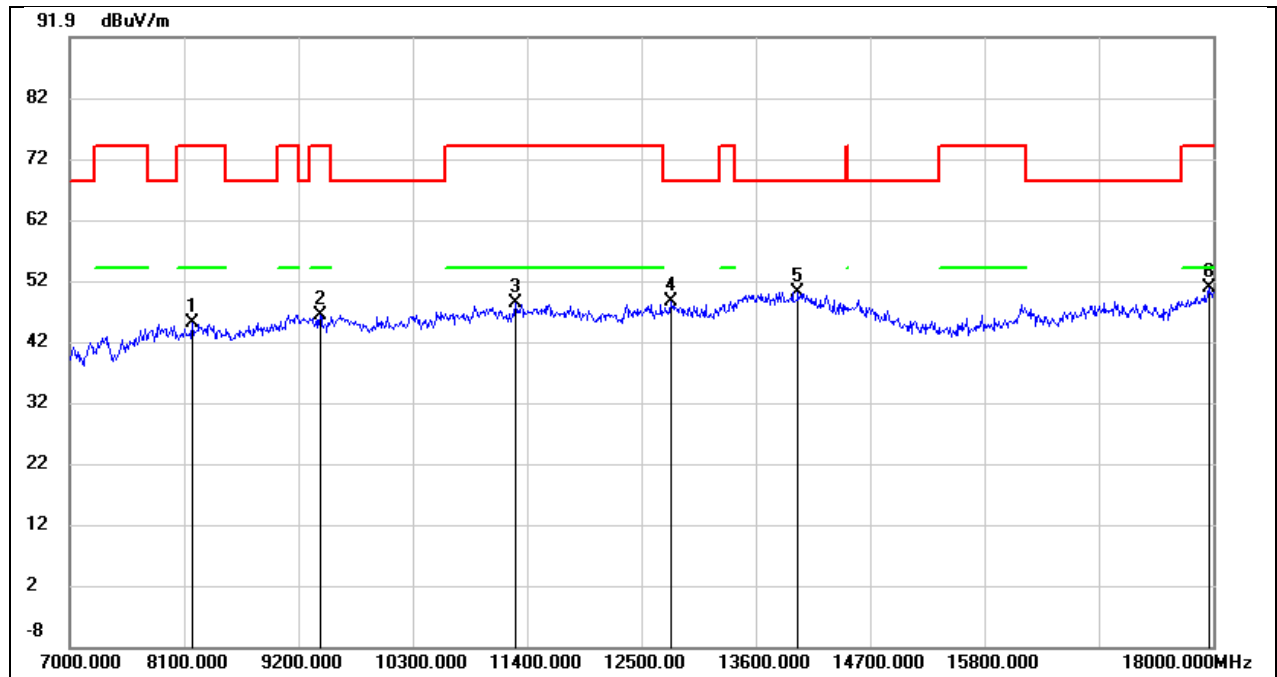
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8276.000	35.99	8.47	44.46	74.00	-29.54	peak
2	9662.000	33.63	13.39	47.02	68.20	-21.18	peak
3	11455.000	31.58	17.38	48.96	74.00	-25.04	peak
4	12401.000	28.64	19.64	48.28	74.00	-25.72	peak
5	14073.000	26.13	23.55	49.68	68.20	-18.52	peak
6	17912.000	22.19	27.70	49.89	74.00	-24.11	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.87V



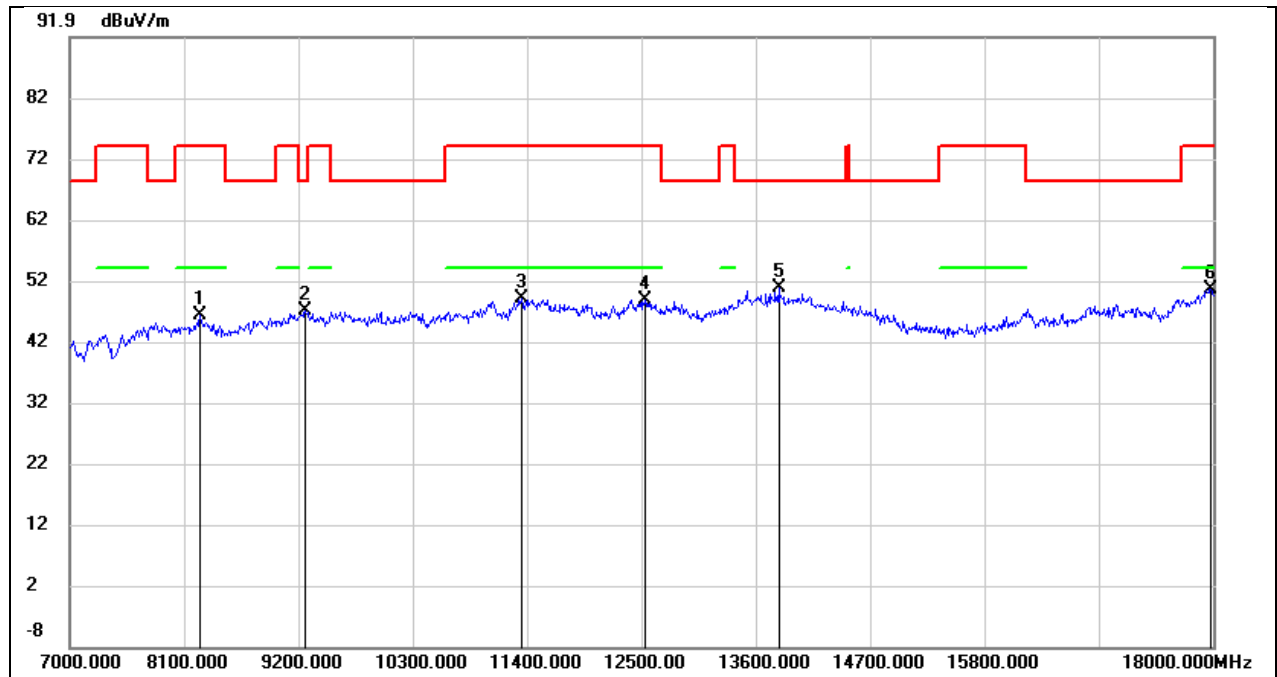
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8342.000	37.29	8.53	45.82	74.00	-28.18	peak
2	9310.000	35.53	11.75	47.28	74.00	-26.72	peak
3	10784.000	34.11	14.81	48.92	74.00	-25.08	peak
4	12544.000	29.63	19.83	49.46	74.00	-24.54	peak
5	13523.000	28.31	22.48	50.79	68.20	-17.41	peak
6	17934.000	22.62	27.90	50.52	74.00	-23.48	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



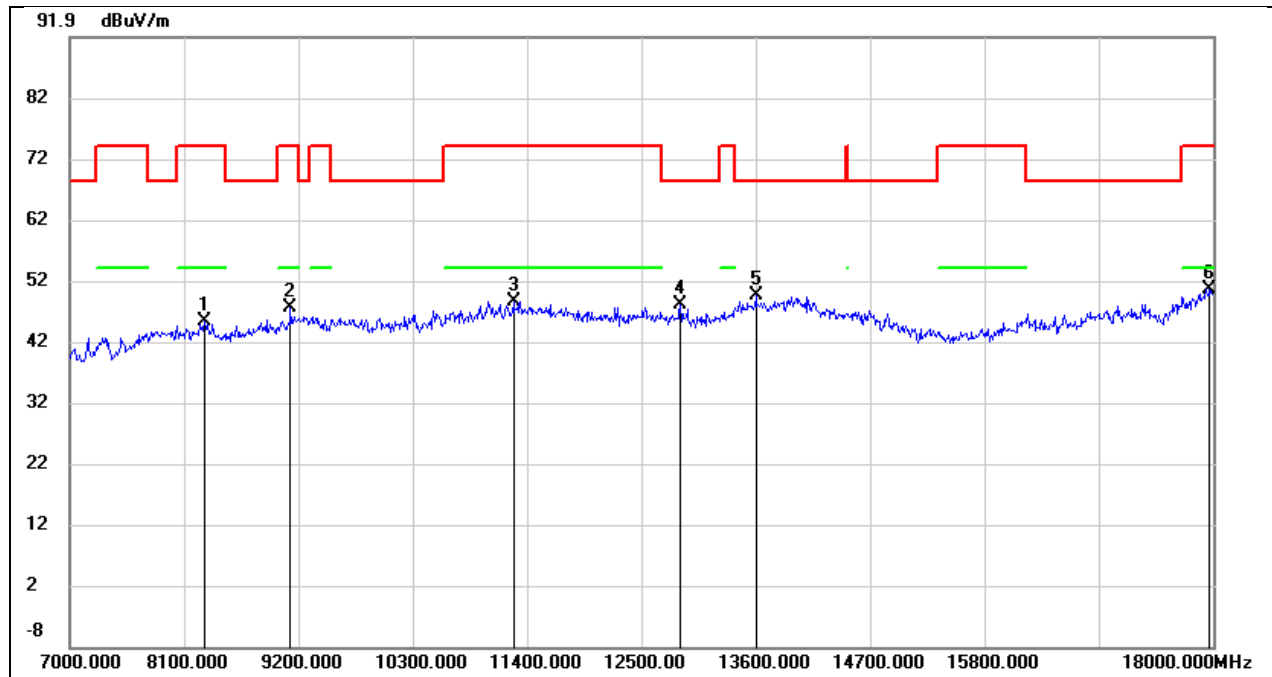
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8177.000	36.72	8.37	45.09	74.00	-28.91	peak
2	9409.000	34.22	12.08	46.30	74.00	-27.70	peak
3	11290.000	31.54	16.69	48.23	74.00	-25.77	peak
4	12786.000	28.06	20.50	48.56	68.20	-19.64	peak
5	14007.000	26.15	23.88	50.03	68.20	-18.17	peak
6	17956.000	22.58	28.10	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



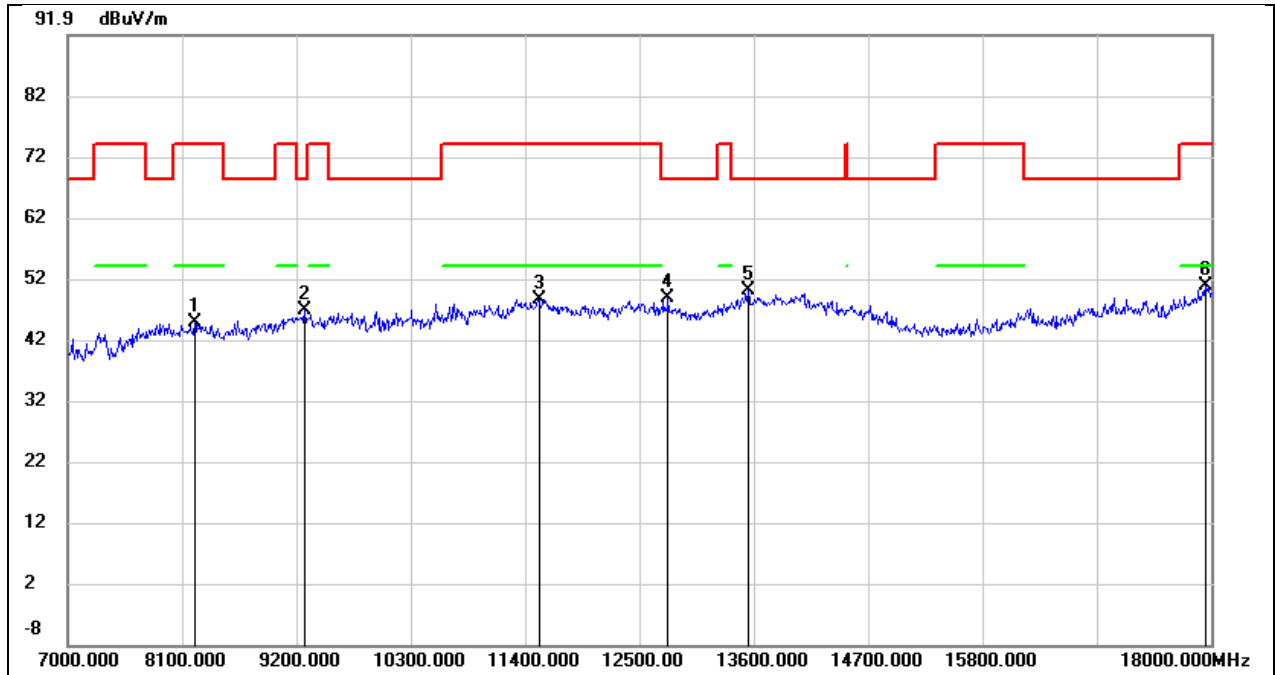
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8254.000	37.70	8.46	46.16	74.00	-27.84	peak
2	9266.000	35.32	11.62	46.94	68.20	-21.26	peak
3	11345.000	32.17	16.96	49.13	74.00	-24.87	peak
4	12533.000	29.07	19.82	48.89	74.00	-25.11	peak
5	13820.000	27.64	23.22	50.86	68.20	-17.34	peak
6	17978.000	22.18	28.31	50.49	74.00	-23.51	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Horizontal	Test Voltage:	DC 3.87V



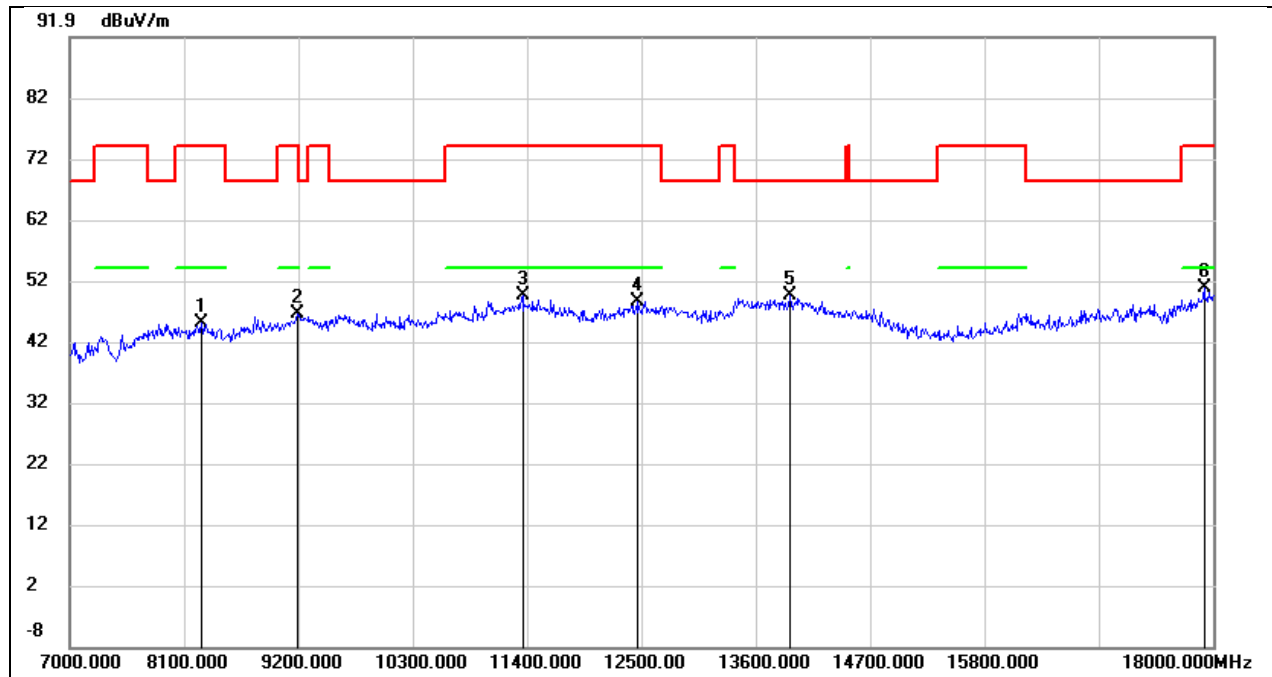
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8298.000	36.81	8.49	45.30	74.00	-28.70	peak
2	9123.000	36.49	11.09	47.58	74.00	-26.42	peak
3	11268.000	31.99	16.59	48.58	74.00	-25.42	peak
4	12874.000	27.45	20.50	47.95	68.20	-20.25	peak
5	13600.000	26.89	22.60	49.49	68.20	-18.71	peak
6	17967.000	22.38	28.21	50.59	74.00	-23.41	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5200
Polarity:	Vertical	Test Voltage:	DC 3.87V



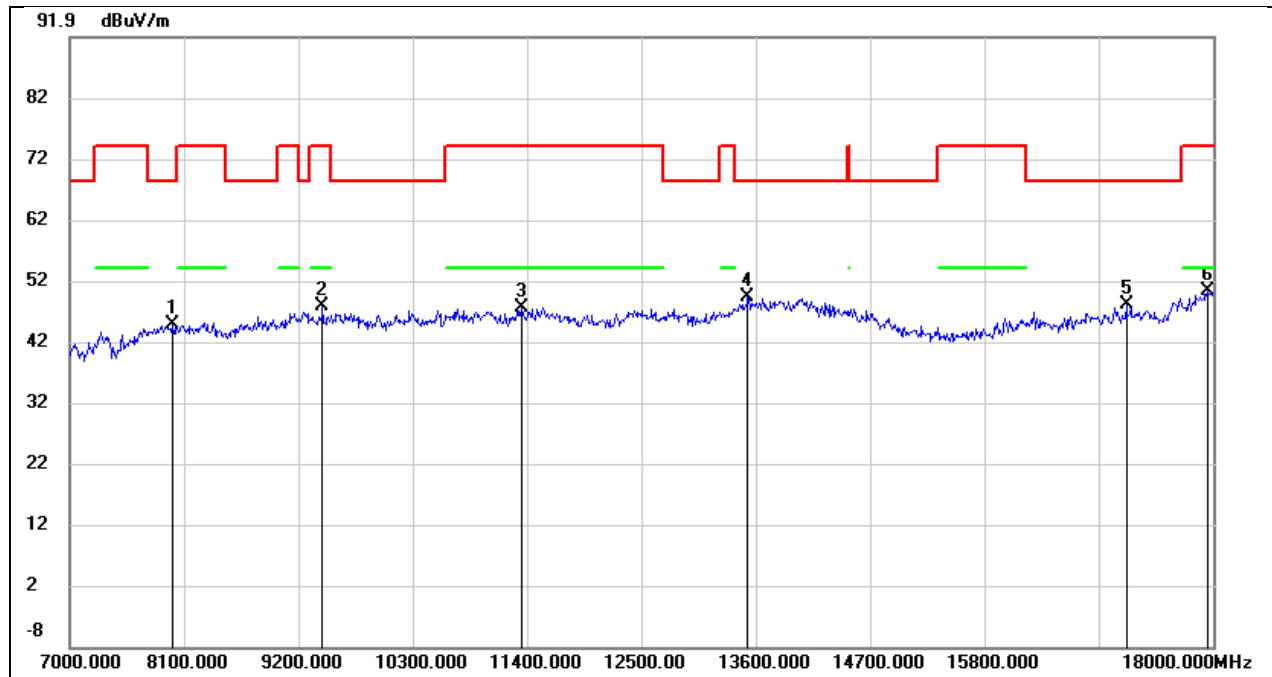
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	36.31	8.43	44.74	74.00	-29.26	peak
2	9277.000	35.00	11.66	46.66	68.20	-21.54	peak
3	11532.000	30.94	17.64	48.58	74.00	-25.42	peak
4	12775.000	28.20	20.46	48.66	68.20	-19.54	peak
5	13545.000	27.47	22.51	49.98	68.20	-18.22	peak
6	17945.000	22.69	28.01	50.70	74.00	-23.30	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Horizontal	Test Voltage:	DC 3.87V



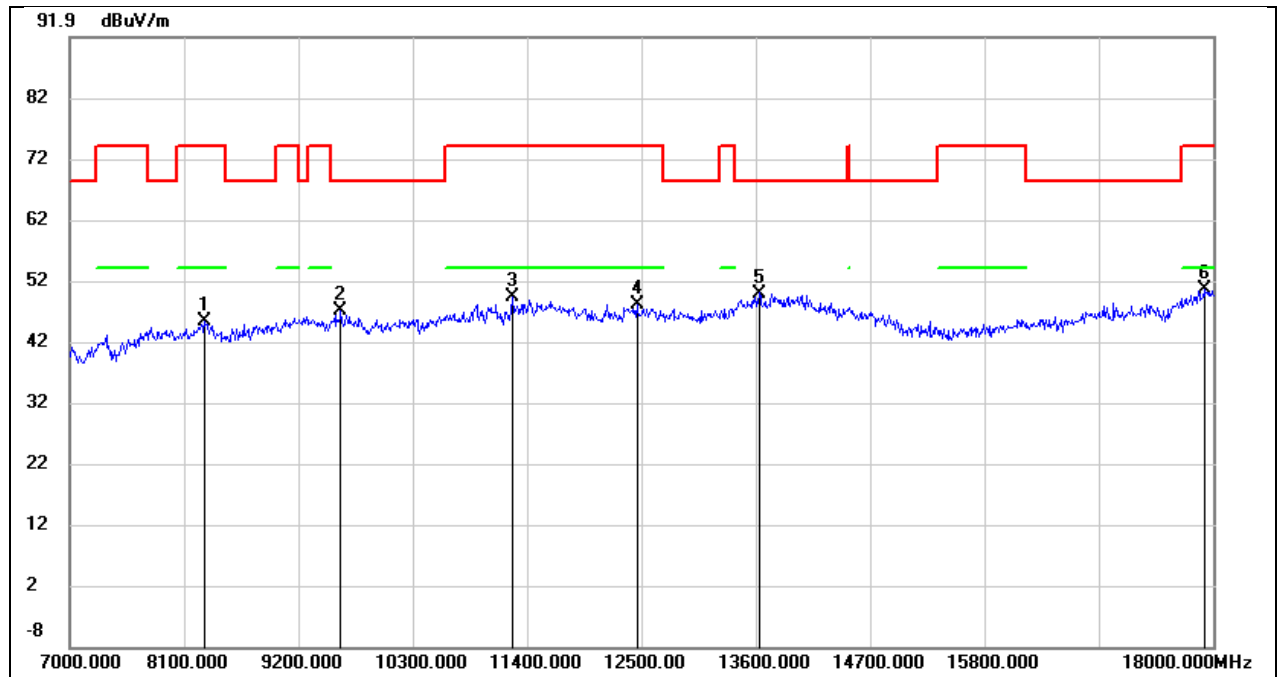
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	36.58	8.46	45.04	74.00	-28.96	peak
2	9189.000	35.18	11.37	46.55	74.00	-27.45	peak
3	11356.000	32.44	17.00	49.44	74.00	-24.56	peak
4	12467.000	28.68	19.74	48.42	74.00	-25.58	peak
5	13930.000	25.89	23.63	49.52	68.20	-18.68	peak
6	17912.000	22.98	27.70	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5240
Polarity:	Vertical	Test Voltage:	DC 3.87V



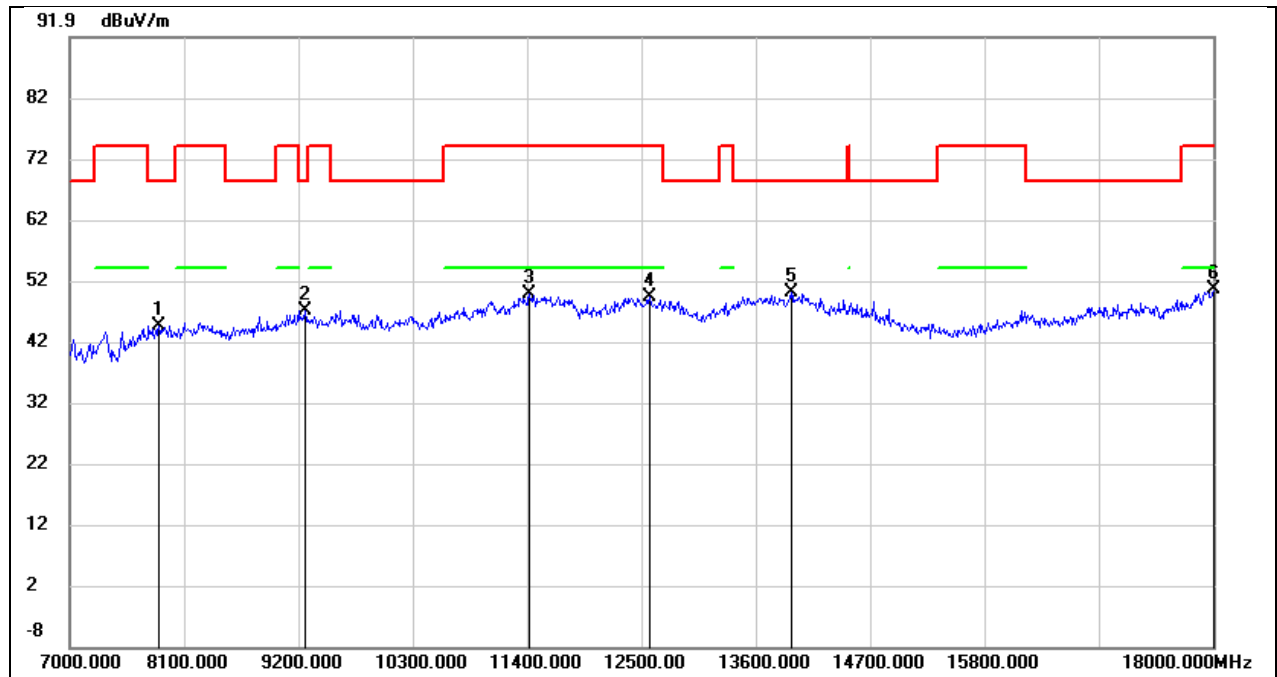
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	36.52	8.16	44.68	68.20	-23.52	peak
2	9431.000	35.46	12.22	47.68	74.00	-26.32	peak
3	11345.000	30.66	16.96	47.62	74.00	-26.38	peak
4	13523.000	26.82	22.48	49.30	68.20	-18.90	peak
5	17164.000	24.46	23.55	48.01	68.20	-20.19	peak
6	17945.000	22.24	28.01	50.25	74.00	-23.75	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 3.87V



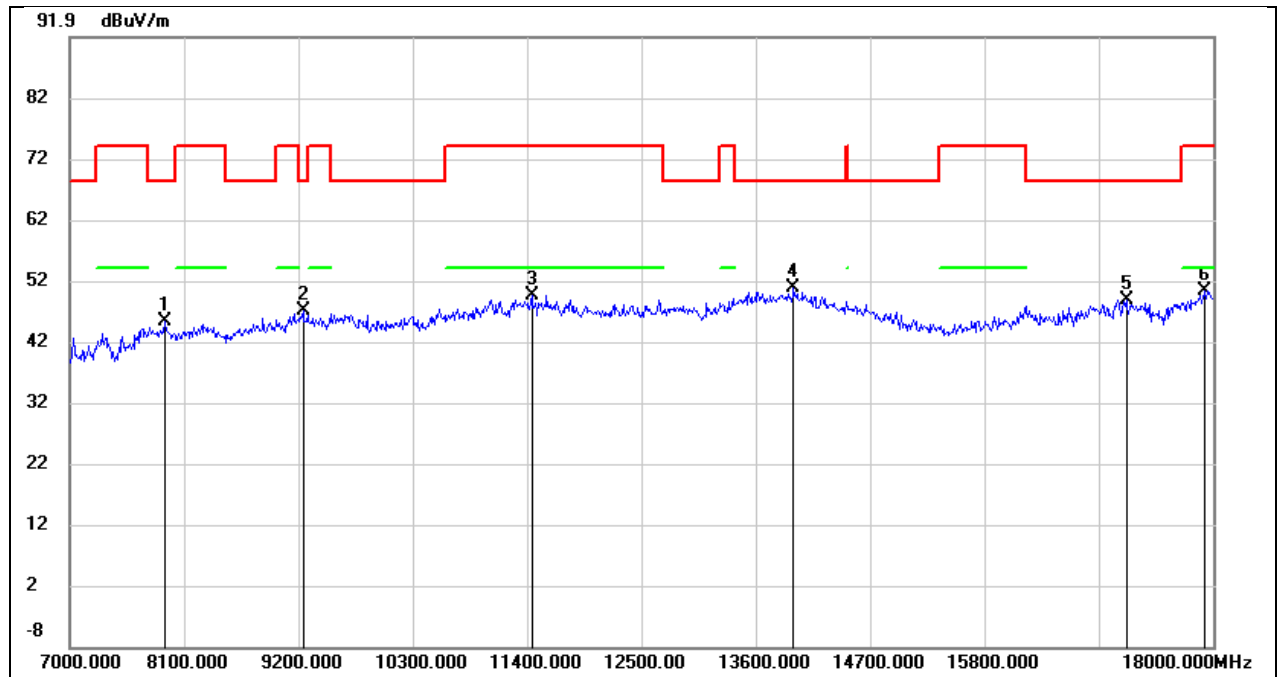
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8298.000	36.91	8.49	45.40	74.00	-28.60	peak
2	9607.000	33.70	13.30	47.00	68.20	-21.20	peak
3	11257.000	32.78	16.55	49.33	74.00	-24.67	peak
4	12456.000	28.38	19.73	48.11	74.00	-25.89	peak
5	13633.000	27.22	22.68	49.90	68.20	-18.30	peak
6	17912.000	22.72	27.70	50.42	74.00	-23.58	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 3.87V



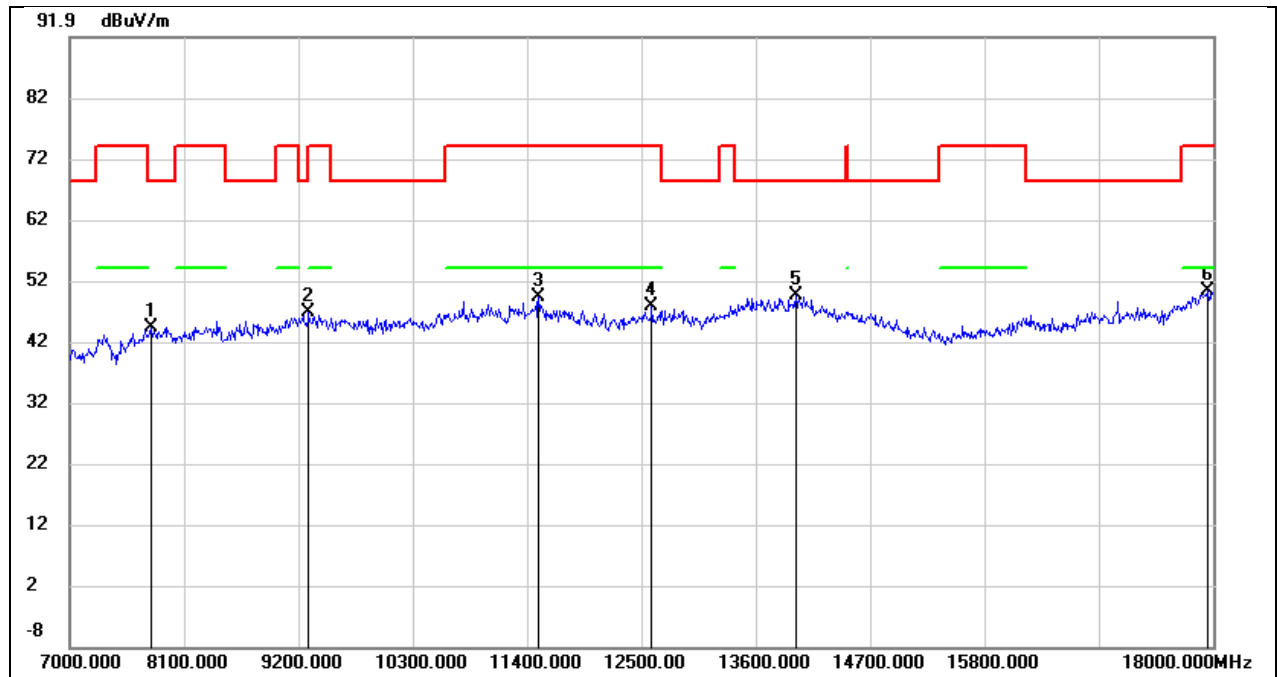
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7858.000	36.49	8.01	44.50	68.20	-23.70	peak
2	9266.000	35.38	11.62	47.00	68.20	-21.20	peak
3	11422.000	32.42	17.27	49.69	74.00	-24.31	peak
4	12577.000	29.51	19.87	49.38	74.00	-24.62	peak
5	13941.000	26.29	23.68	49.97	68.20	-18.23	peak
6	18000.000	22.09	28.51	50.60	74.00	-23.40	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 3.87V



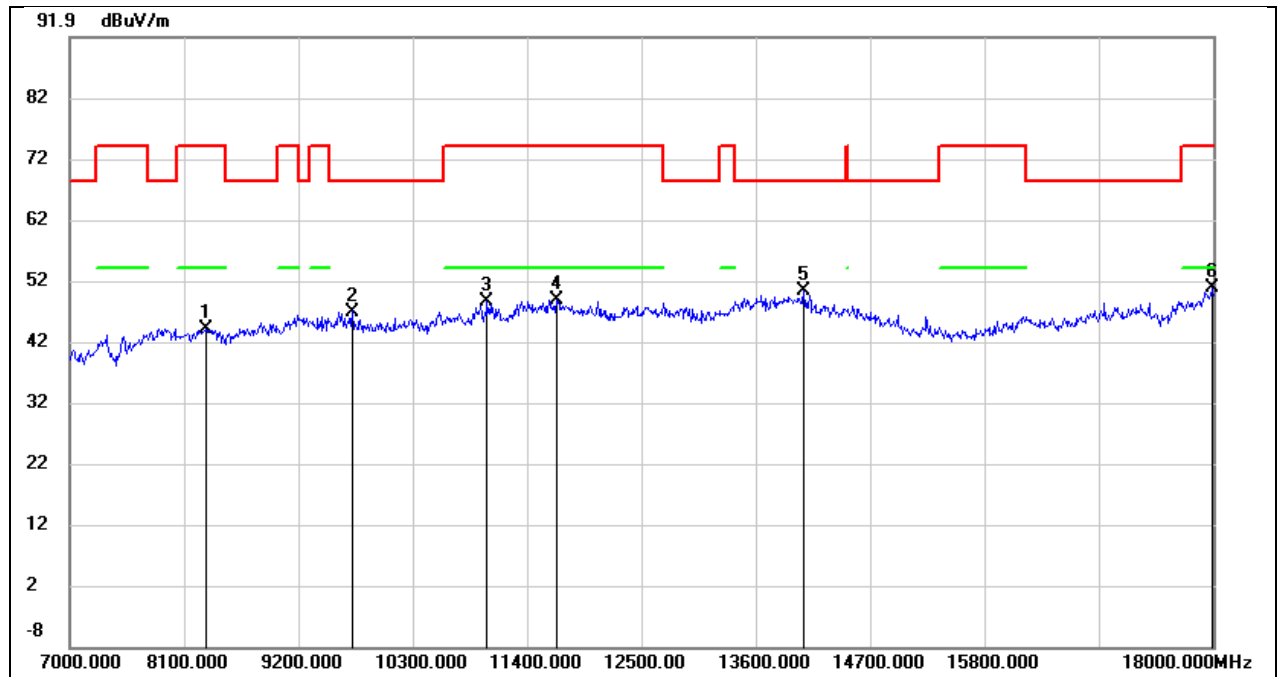
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	37.16	8.08	45.24	68.20	-22.96	peak
2	9244.000	35.44	11.56	47.00	68.20	-21.20	peak
3	11444.000	32.16	17.35	49.51	74.00	-24.49	peak
4	13963.000	26.94	23.77	50.71	68.20	-17.49	peak
5	17164.000	25.31	23.55	48.86	68.20	-19.34	peak
6	17923.000	22.45	27.79	50.24	74.00	-23.76	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 3.87V



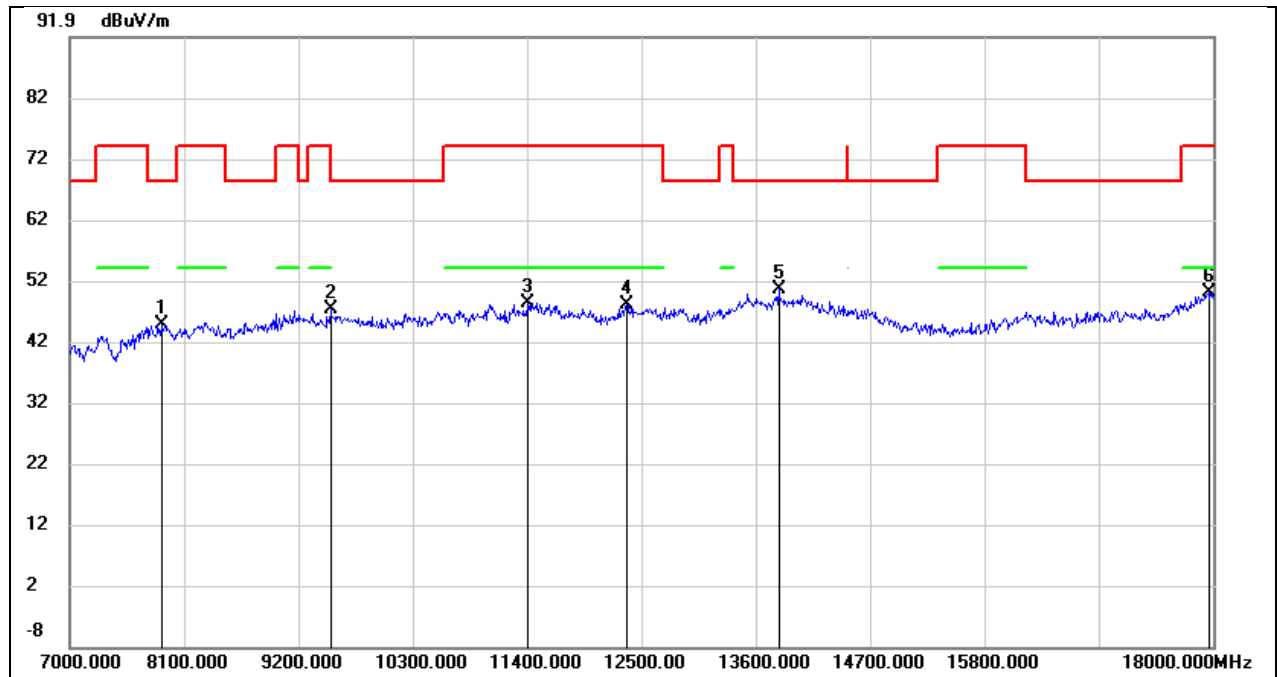
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7781.000	36.46	7.92	44.38	68.20	-23.82	peak
2	9299.000	35.08	11.72	46.80	68.20	-21.40	peak
3	11510.000	31.74	17.57	49.31	74.00	-24.69	peak
4	12599.000	27.82	19.88	47.70	74.00	-26.30	peak
5	13985.000	25.65	23.85	49.50	68.20	-18.70	peak
6	17945.000	22.36	28.01	50.37	74.00	-23.63	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 3.87V



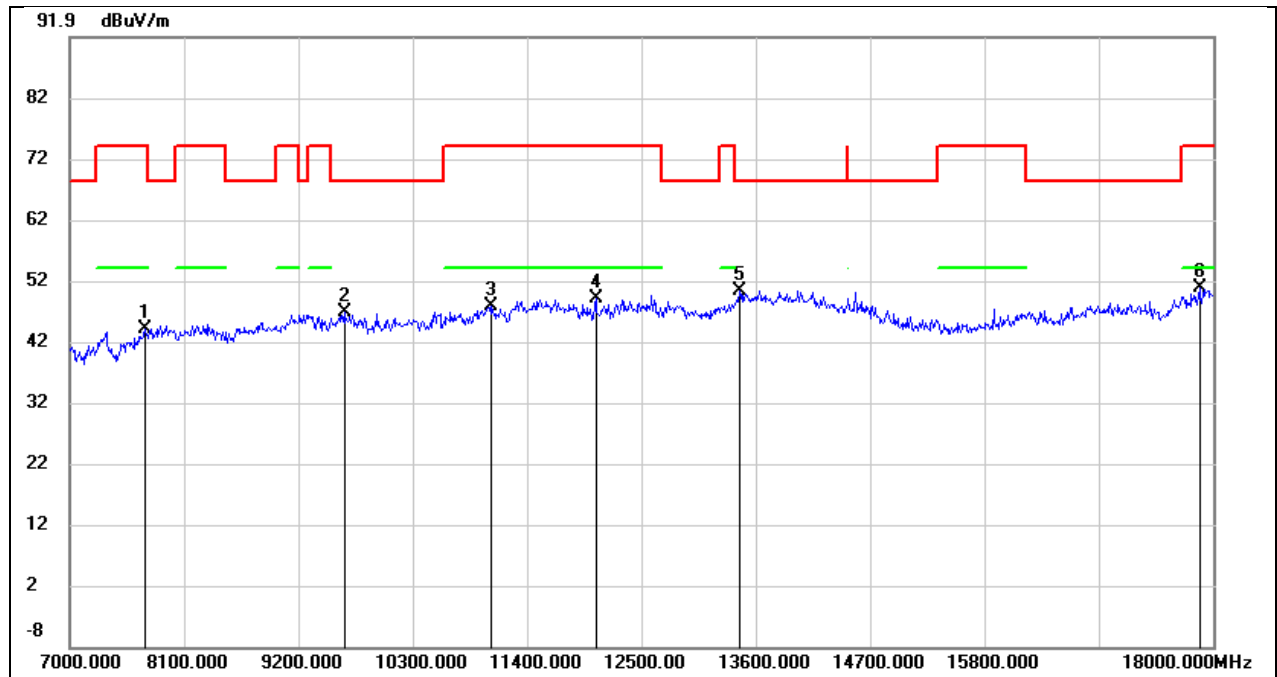
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8309.000	35.46	8.50	43.96	74.00	-30.04	peak
2	9717.000	33.40	13.50	46.90	68.20	-21.30	peak
3	11015.000	32.98	15.52	48.50	74.00	-25.50	peak
4	11686.000	30.87	17.91	48.78	74.00	-25.22	peak
5	14062.000	26.68	23.60	50.28	68.20	-17.92	peak
6	17989.000	22.27	28.40	50.67	74.00	-23.33	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.87V



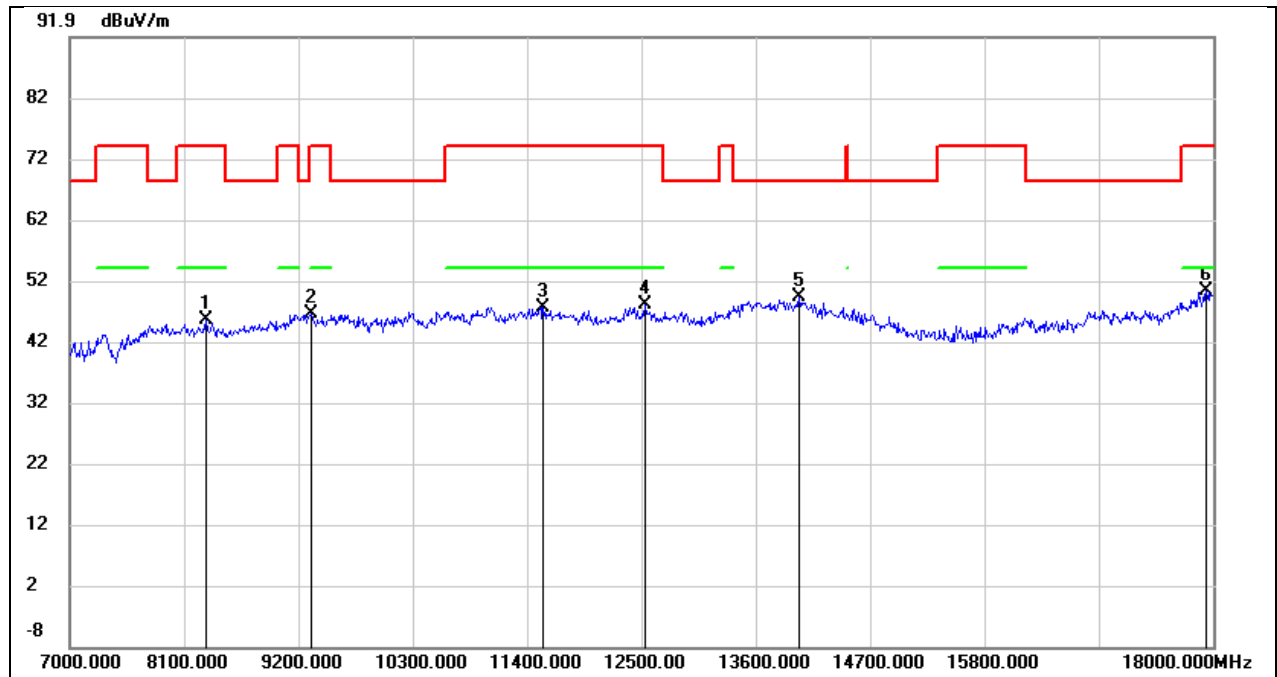
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	36.72	8.04	44.76	68.20	-23.44	peak
2	9508.000	34.52	12.71	47.23	68.20	-20.97	peak
3	11411.000	31.07	17.24	48.31	74.00	-25.69	peak
4	12357.000	28.59	19.52	48.11	74.00	-25.89	peak
5	13820.000	27.38	23.22	50.60	68.20	-17.60	peak
6	17956.000	21.87	28.10	49.97	74.00	-24.03	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 3.87V



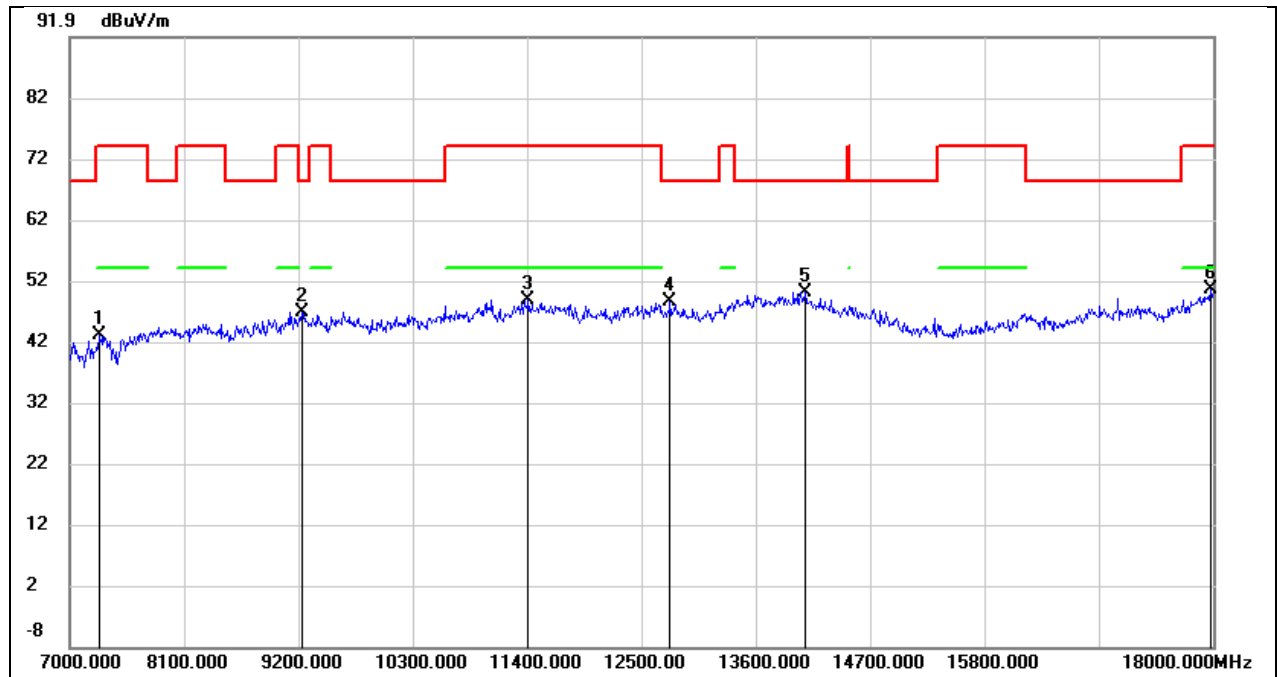
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.000	36.10	7.83	43.93	74.00	-30.07	peak
2	9640.000	33.41	13.36	46.77	68.20	-21.43	peak
3	11059.000	32.13	15.71	47.84	74.00	-26.16	peak
4	12060.000	30.20	18.74	48.94	74.00	-25.06	peak
5	13446.000	28.18	22.22	50.40	68.20	-17.80	peak
6	17868.000	23.43	27.29	50.72	74.00	-23.28	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.87V



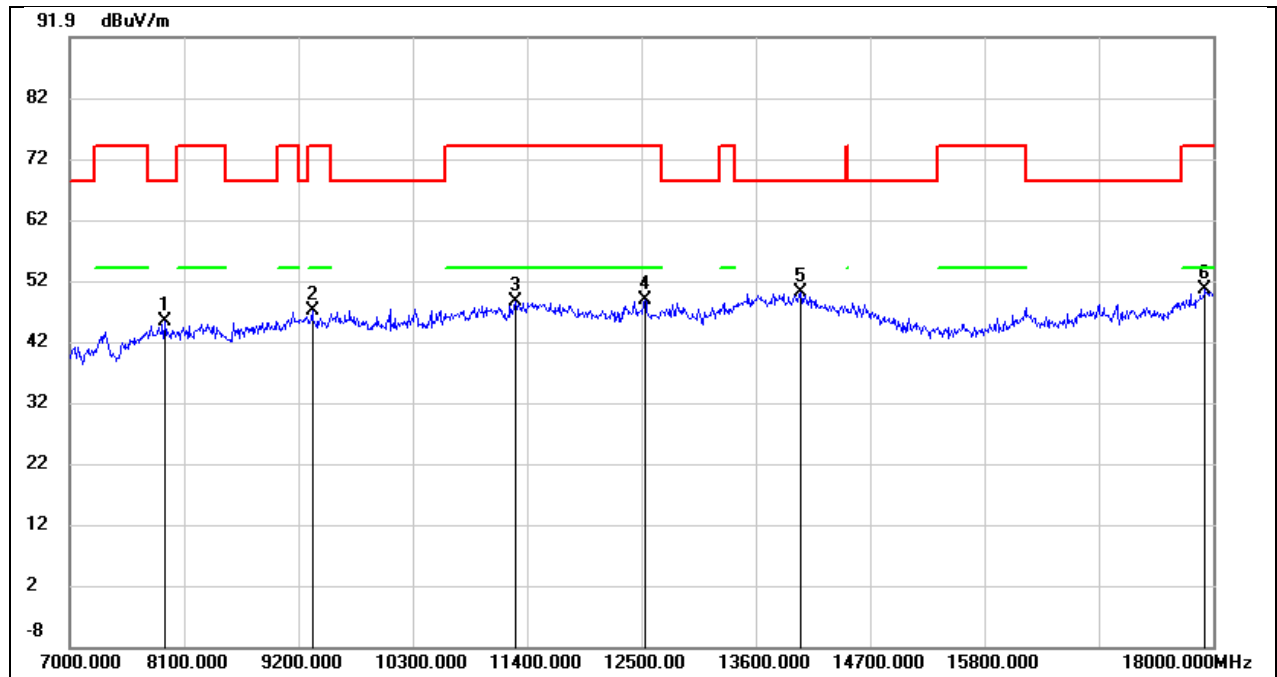
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8309.000	36.94	8.50	45.44	74.00	-28.56	peak
2	9321.000	34.77	11.79	46.56	74.00	-27.44	peak
3	11554.000	29.80	17.71	47.51	74.00	-26.49	peak
4	12533.000	28.10	19.82	47.92	74.00	-26.08	peak
5	14018.000	25.41	23.83	49.24	68.20	-18.96	peak
6	17934.000	22.29	27.90	50.19	74.00	-23.81	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 3.87V



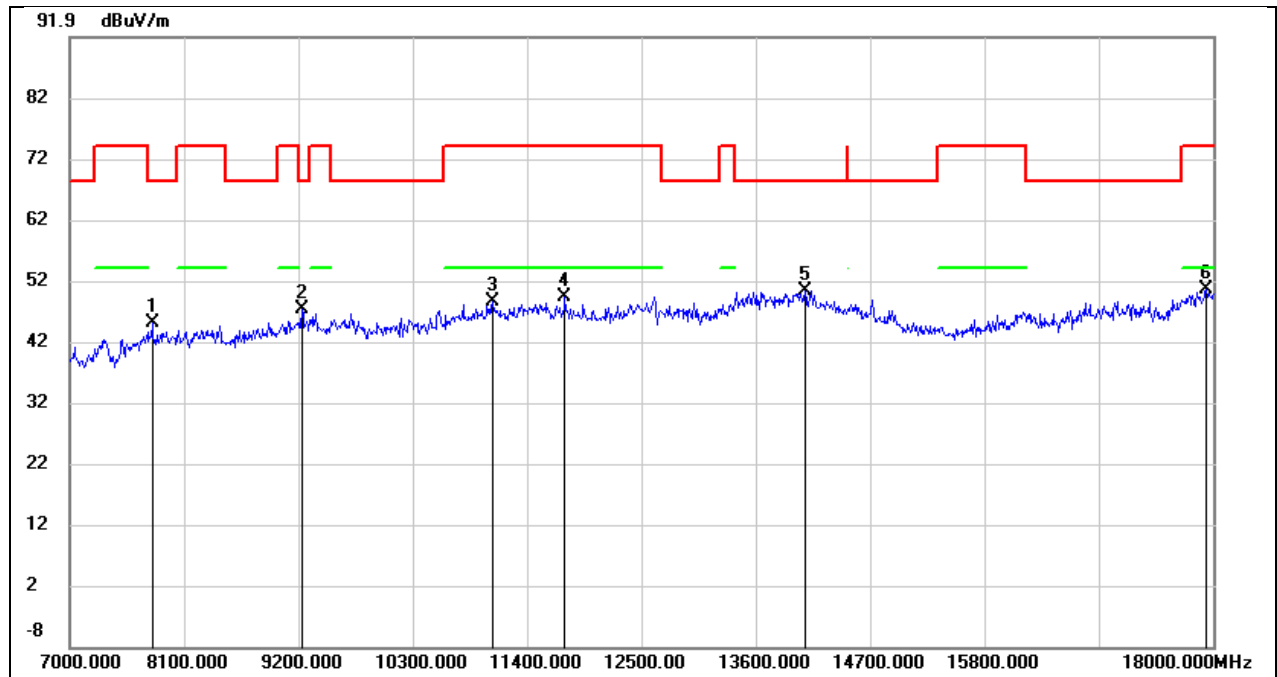
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.000	35.47	7.49	42.96	74.00	-31.04	peak
2	9233.000	35.26	11.52	46.78	68.20	-21.42	peak
3	11411.000	31.43	17.24	48.67	74.00	-25.33	peak
4	12775.000	27.99	20.46	48.45	68.20	-19.75	peak
5	14073.000	26.42	23.55	49.97	68.20	-18.23	peak
6	17978.000	22.14	28.31	50.45	74.00	-23.55	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.87V



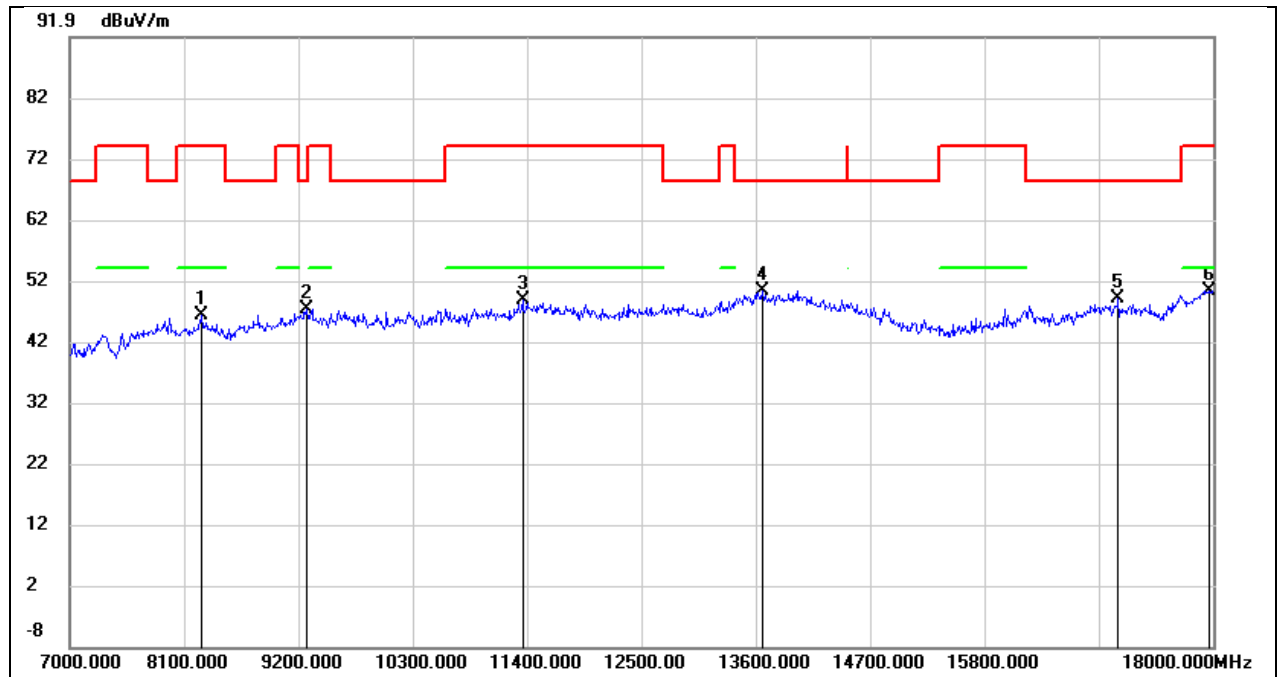
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	37.10	8.08	45.18	68.20	-23.02	peak
2	9332.000	35.13	11.82	46.95	74.00	-27.05	peak
3	11290.000	31.76	16.69	48.45	74.00	-25.55	peak
4	12533.000	29.03	19.82	48.85	74.00	-25.15	peak
5	14029.000	26.36	23.76	50.12	68.20	-18.08	peak
6	17923.000	22.66	27.79	50.45	74.00	-23.55	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 3.87V



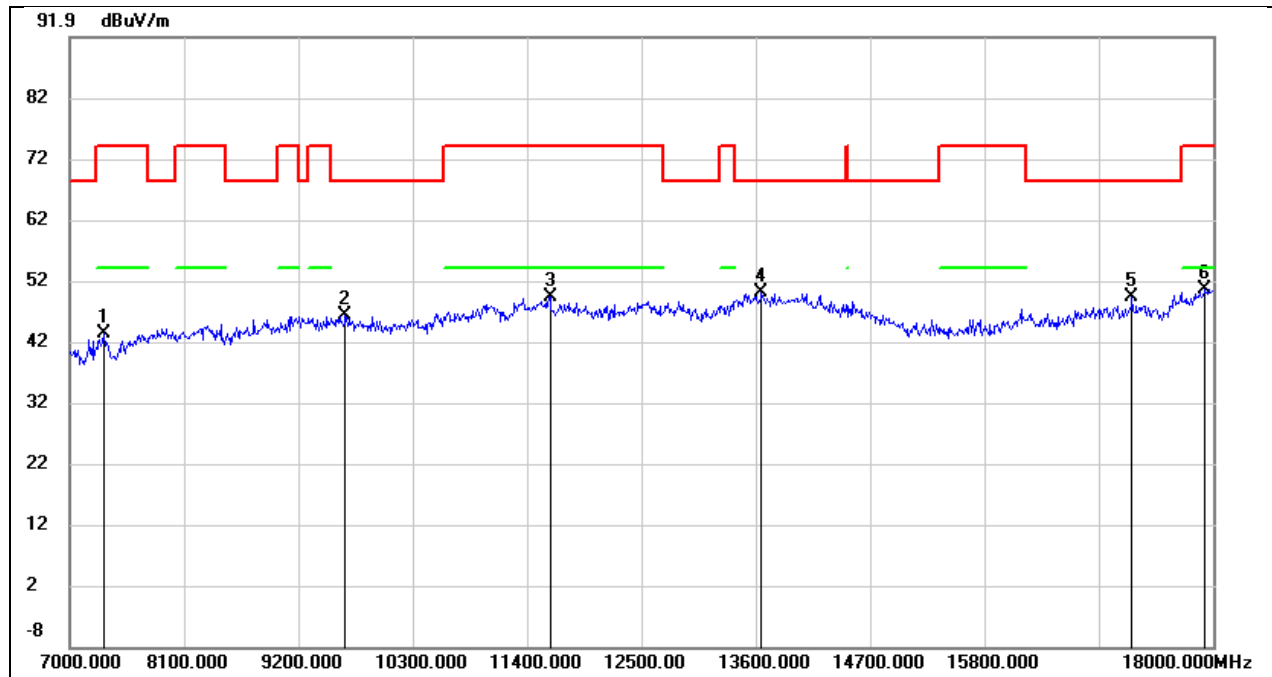
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7792.000	37.10	7.94	45.04	68.20	-23.16	peak
2	9233.000	35.69	11.52	47.21	68.20	-20.99	peak
3	11070.000	32.71	15.75	48.46	74.00	-25.54	peak
4	11763.000	31.34	17.91	49.25	74.00	-24.75	peak
5	14073.000	26.78	23.55	50.33	68.20	-17.87	peak
6	17934.000	22.58	27.90	50.48	74.00	-23.52	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.87V



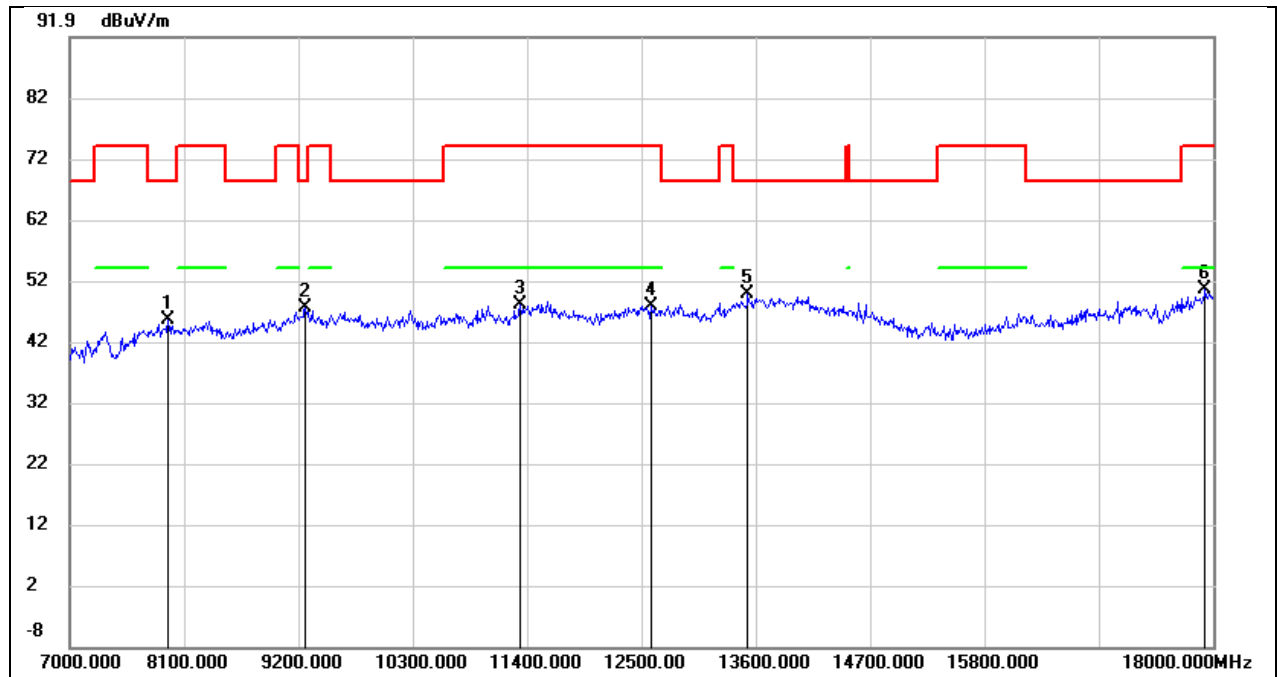
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	37.86	8.46	46.32	74.00	-27.68	peak
2	9277.000	35.60	11.66	47.26	68.20	-20.94	peak
3	11356.000	31.86	17.00	48.86	74.00	-25.14	peak
4	13666.000	27.57	22.78	50.35	68.20	-17.85	peak
5	17087.000	25.93	23.16	49.09	68.20	-19.11	peak
6	17956.000	22.27	28.10	50.37	74.00	-23.63	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 3.87V



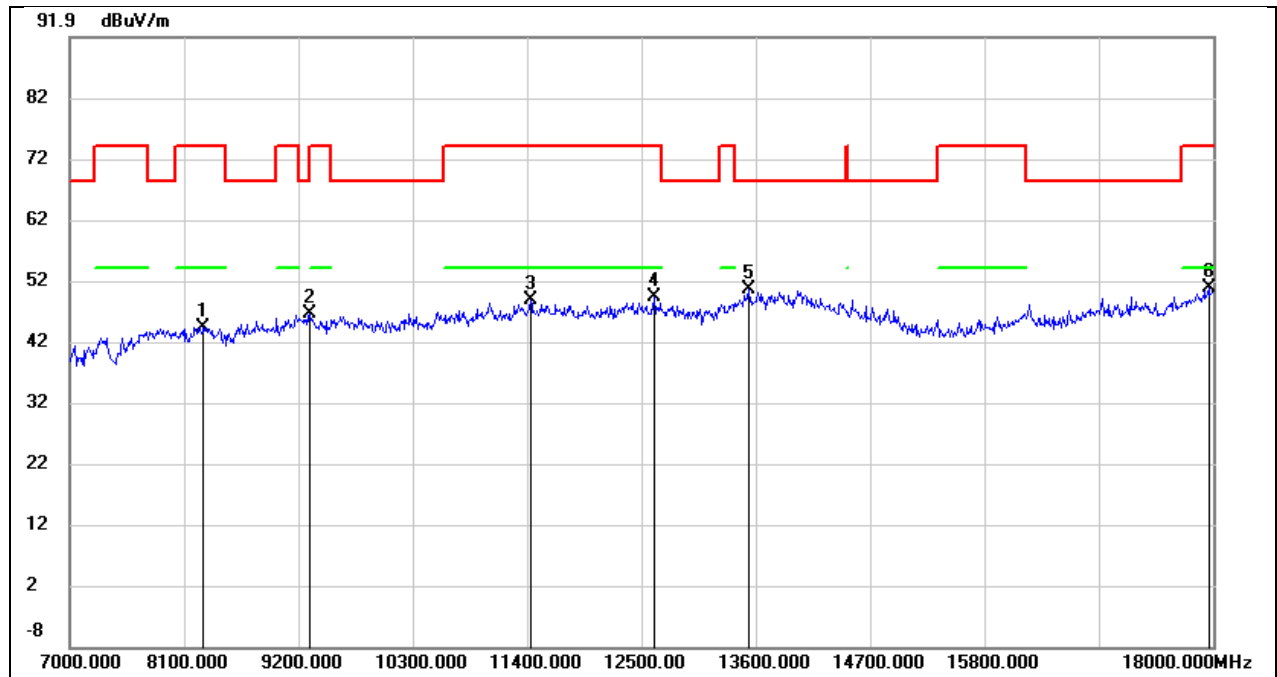
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7330.000	35.76	7.50	43.26	74.00	-30.74	peak
2	9651.000	32.91	13.38	46.29	68.20	-21.91	peak
3	11620.000	31.39	17.88	49.27	74.00	-24.73	peak
4	13655.000	27.20	22.75	49.95	68.20	-18.25	peak
5	17219.000	25.62	23.78	49.40	68.20	-18.80	peak
6	17923.000	22.70	27.79	50.49	74.00	-23.51	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.87V



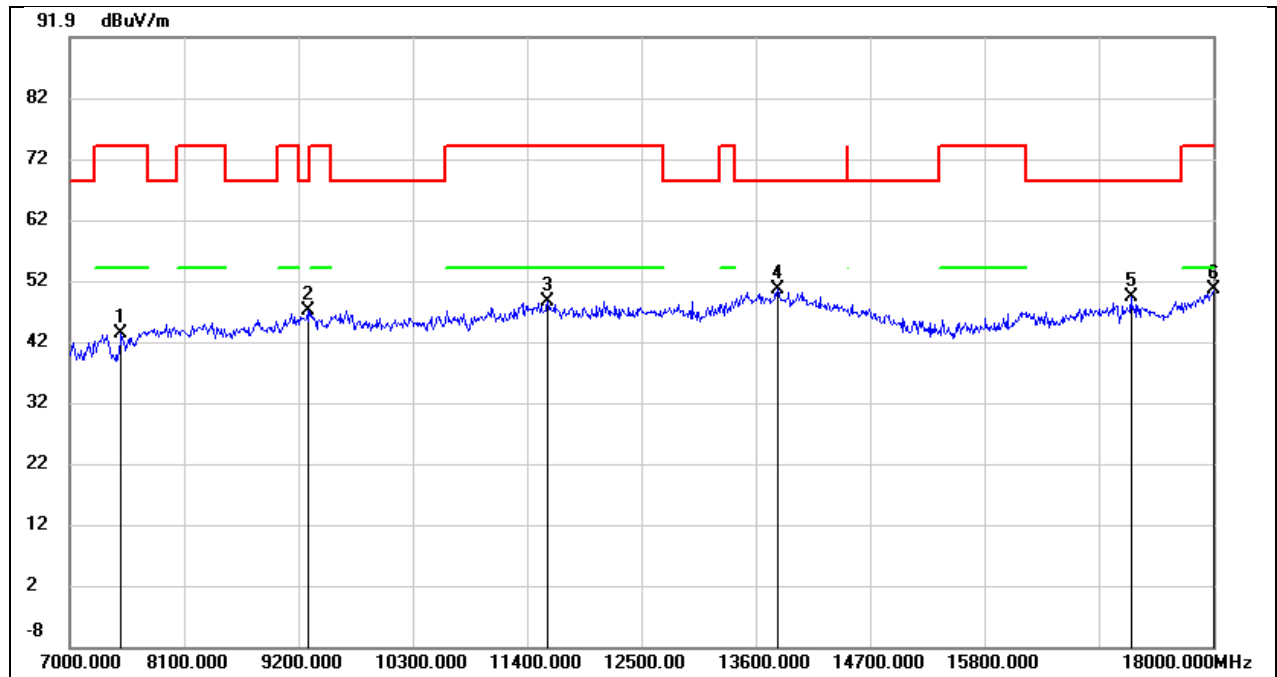
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7946.000	37.37	8.12	45.49	68.20	-22.71	peak
2	9266.000	35.97	11.62	47.59	68.20	-20.61	peak
3	11334.000	31.06	16.90	47.96	74.00	-26.04	peak
4	12588.000	27.95	19.87	47.82	74.00	-26.18	peak
5	13523.000	27.30	22.48	49.78	68.20	-18.42	peak
6	17923.000	22.82	27.79	50.61	74.00	-23.39	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 3.87V



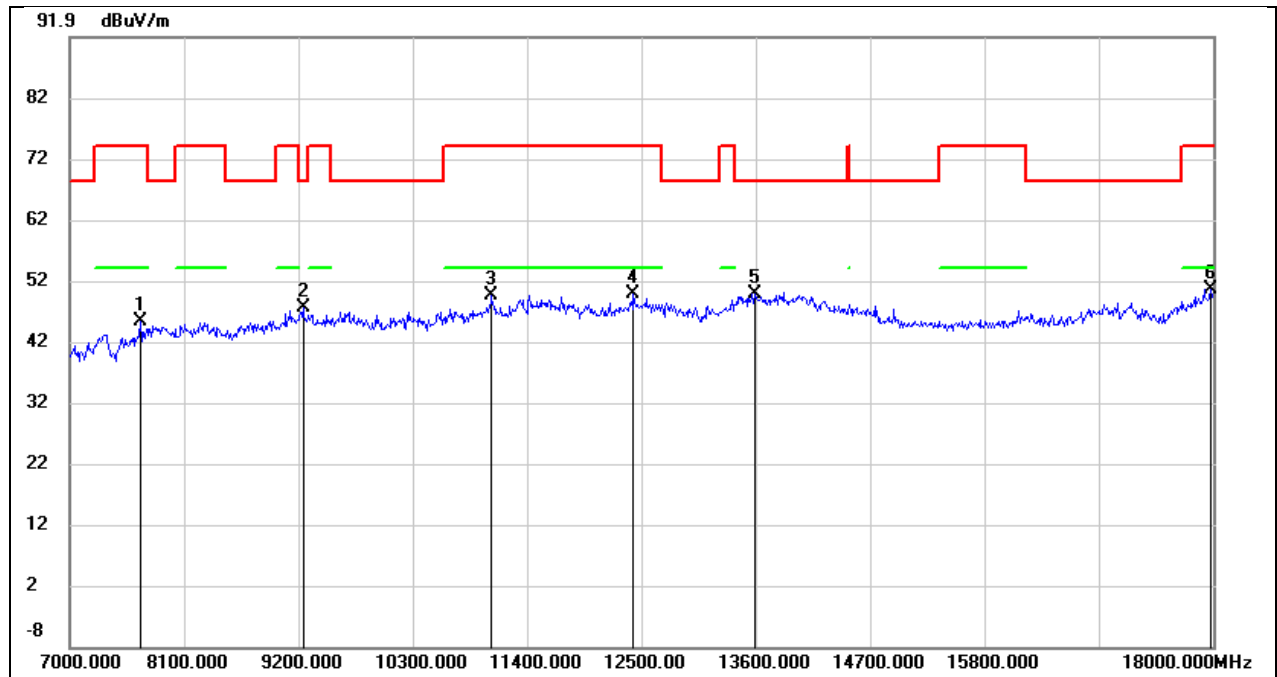
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	35.89	8.49	44.38	74.00	-29.62	peak
2	9310.000	34.85	11.75	46.60	74.00	-27.40	peak
3	11433.000	31.42	17.31	48.73	74.00	-25.27	peak
4	12621.000	29.28	19.94	49.22	74.00	-24.78	peak
5	13534.000	27.94	22.49	50.43	68.20	-17.77	peak
6	17956.000	22.59	28.10	50.69	74.00	-23.31	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.87V



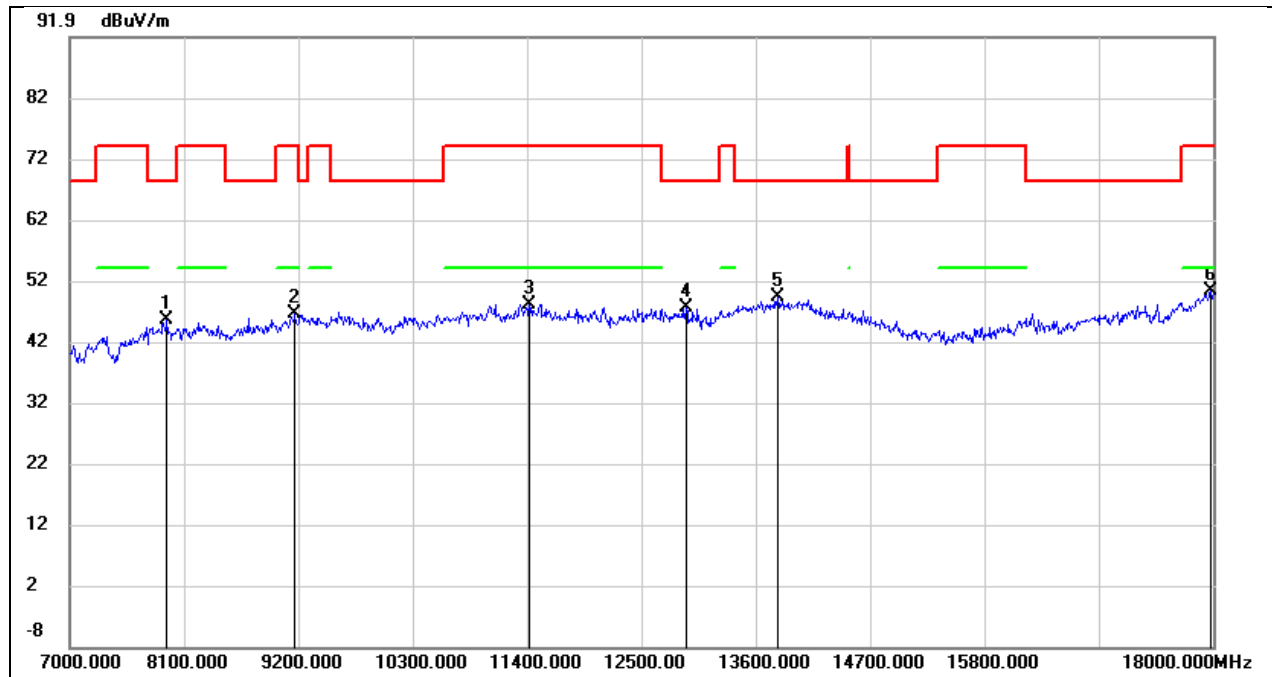
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	35.73	7.55	43.28	74.00	-30.72	peak
2	9288.000	35.44	11.68	47.12	68.20	-21.08	peak
3	11598.000	30.70	17.88	48.58	74.00	-25.42	peak
4	13809.000	27.31	23.17	50.48	68.20	-17.72	peak
5	17208.000	25.43	23.76	49.19	68.20	-19.01	peak
6	18000.000	21.97	28.51	50.48	74.00	-23.52	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7682.000	37.43	7.76	45.19	74.00	-28.81	peak
2	9244.000	35.91	11.56	47.47	68.20	-20.73	peak
3	11059.000	33.91	15.71	49.62	74.00	-24.38	peak
4	12423.000	30.22	19.67	49.89	74.00	-24.11	peak
5	13589.000	27.32	22.58	49.90	68.20	-18.30	peak
6	17978.000	22.19	28.31	50.50	74.00	-23.50	peak

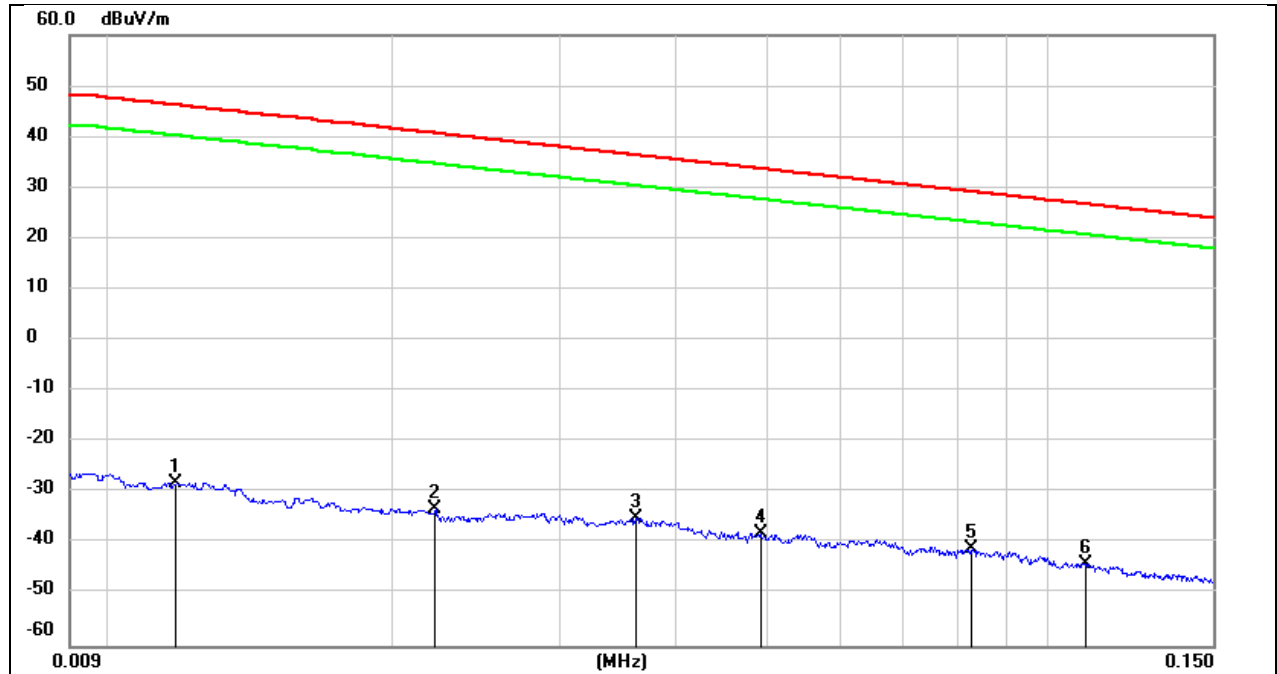
Test Mode:	802.11ax HE80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.000	37.47	8.10	45.57	68.20	-22.63	peak
2	9167.000	35.29	11.28	46.57	74.00	-27.43	peak
3	11422.000	30.81	17.27	48.08	74.00	-25.92	peak
4	12929.000	27.00	20.50	47.50	68.20	-20.70	peak
5	13809.000	26.09	23.17	49.26	68.20	-18.94	peak
6	17978.000	21.97	28.31	50.28	74.00	-23.72	peak

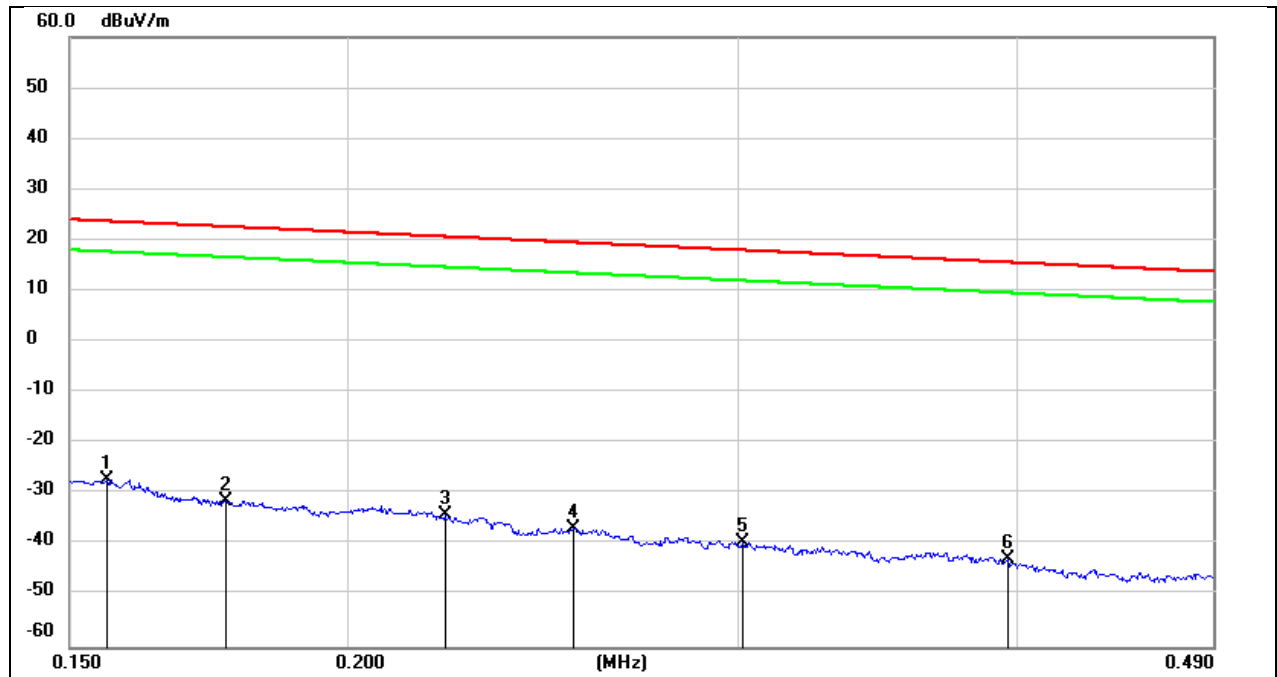
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



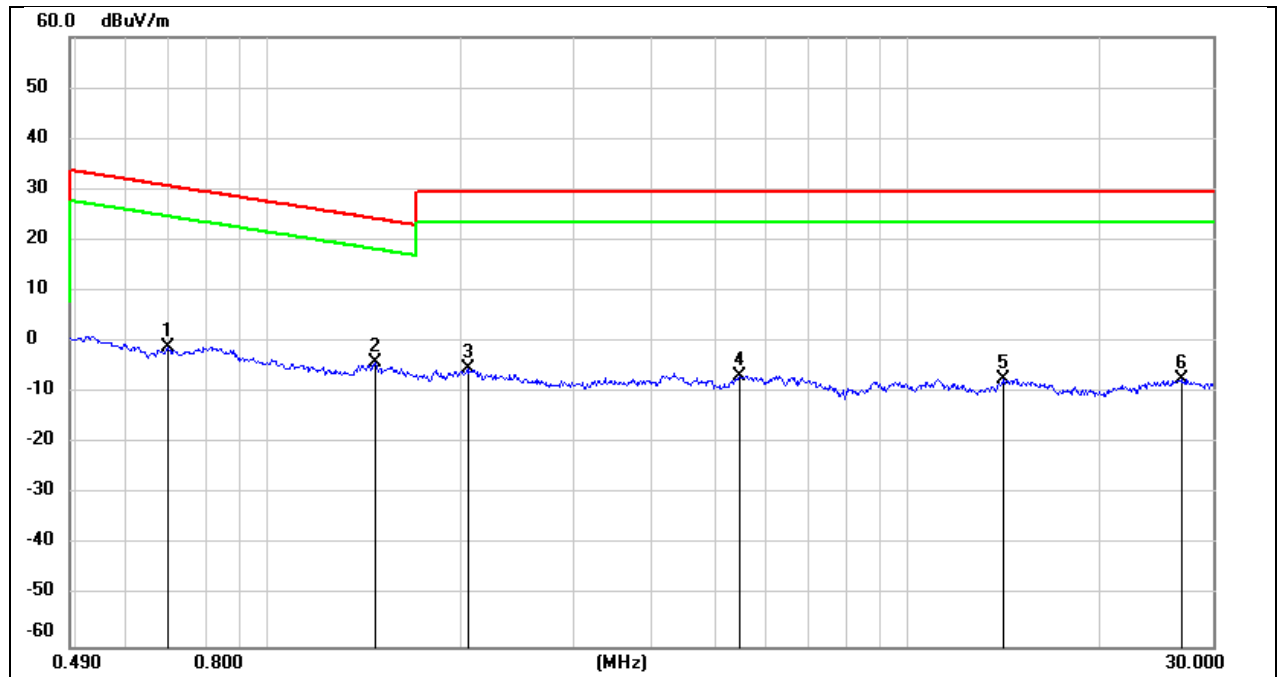
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0117	73.44	-101.39	-27.95	46.24	-74.19	peak
2	0.0221	68.13	-101.35	-33.22	40.71	-73.93	peak
3	0.0362	66.51	-101.42	-34.91	36.43	-71.34	peak
4	0.0492	63.55	-101.47	-37.92	33.76	-71.68	peak
5	0.0830	60.68	-101.65	-40.97	29.22	-70.19	peak
6	0.1100	57.92	-101.77	-43.85	26.78	-70.63	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1559	74.65	-101.65	-27.00	23.74	-50.74	peak
2	0.1764	70.47	-101.68	-31.21	22.68	-53.89	peak
3	0.2212	67.61	-101.75	-34.14	20.70	-54.84	peak
4	0.2530	65.14	-101.80	-36.66	19.54	-56.20	peak
5	0.3013	62.33	-101.85	-39.52	18.02	-57.54	peak
6	0.3966	59.18	-101.96	-42.78	15.63	-58.41	peak

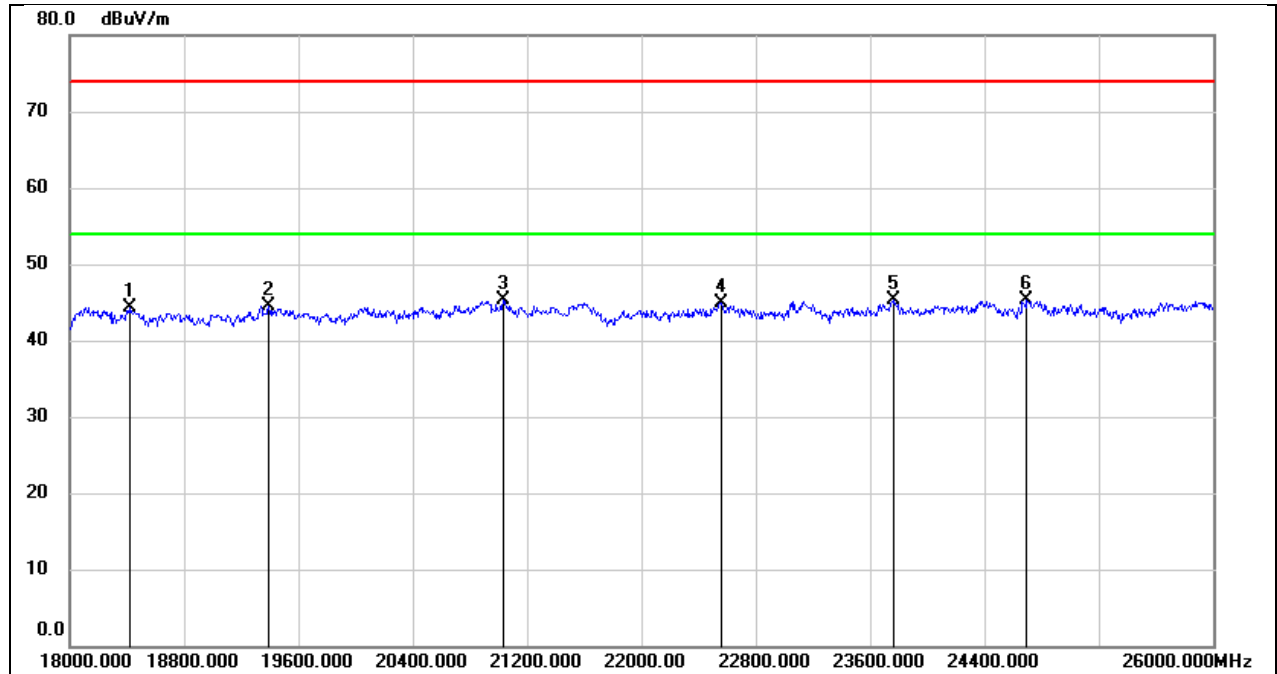
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.6975	61.03	-62.11	-1.08	30.73	-31.81	peak
2	1.4700	57.89	-62.05	-4.16	24.26	-28.42	peak
3	2.0539	56.70	-61.81	-5.11	29.54	-34.65	peak
4	5.4770	54.79	-61.42	-6.63	29.54	-36.17	peak
5	14.0937	53.66	-60.97	-7.31	29.54	-36.85	peak
6	26.8719	53.04	-60.27	-7.23	29.54	-36.77	peak

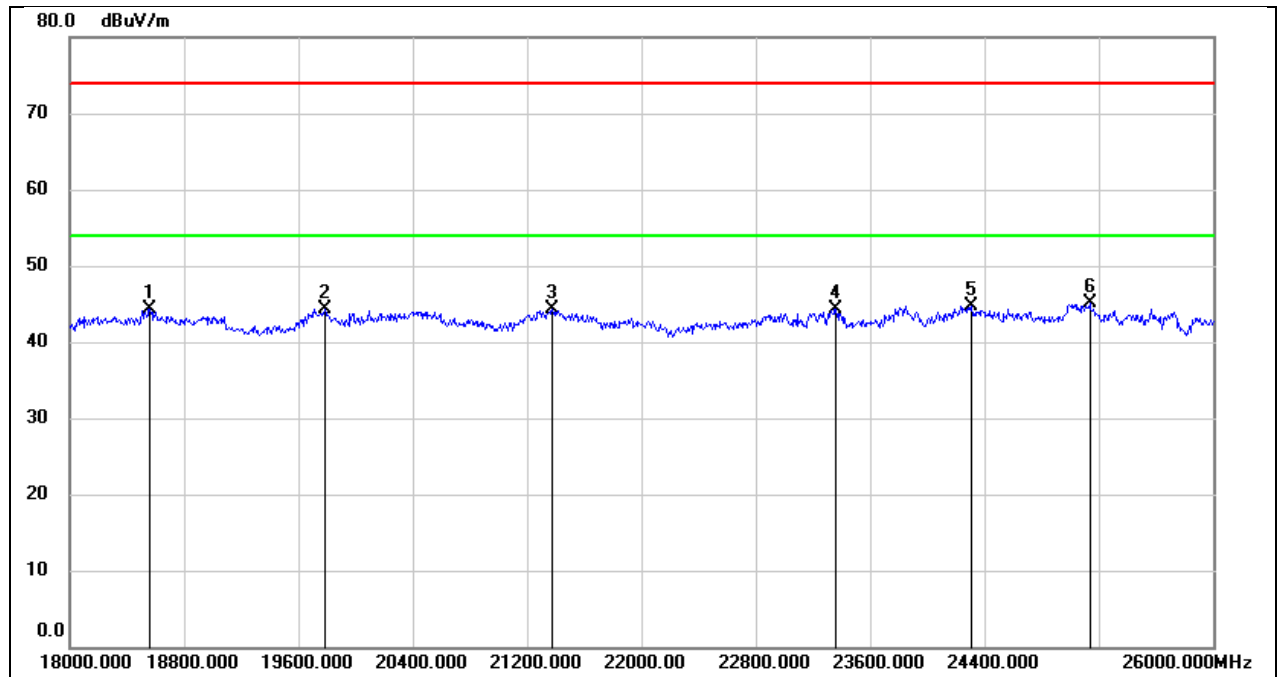
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18416.000	49.73	-5.35	44.38	74.00	-29.62	peak
2	19392.000	50.12	-5.57	44.55	74.00	-29.45	peak
3	21032.000	50.15	-4.87	45.28	74.00	-28.72	peak
4	22560.000	48.78	-3.83	44.95	74.00	-29.05	peak
5	23760.000	48.41	-3.18	45.23	74.00	-28.77	peak
6	24696.000	47.59	-2.32	45.27	74.00	-28.73	peak

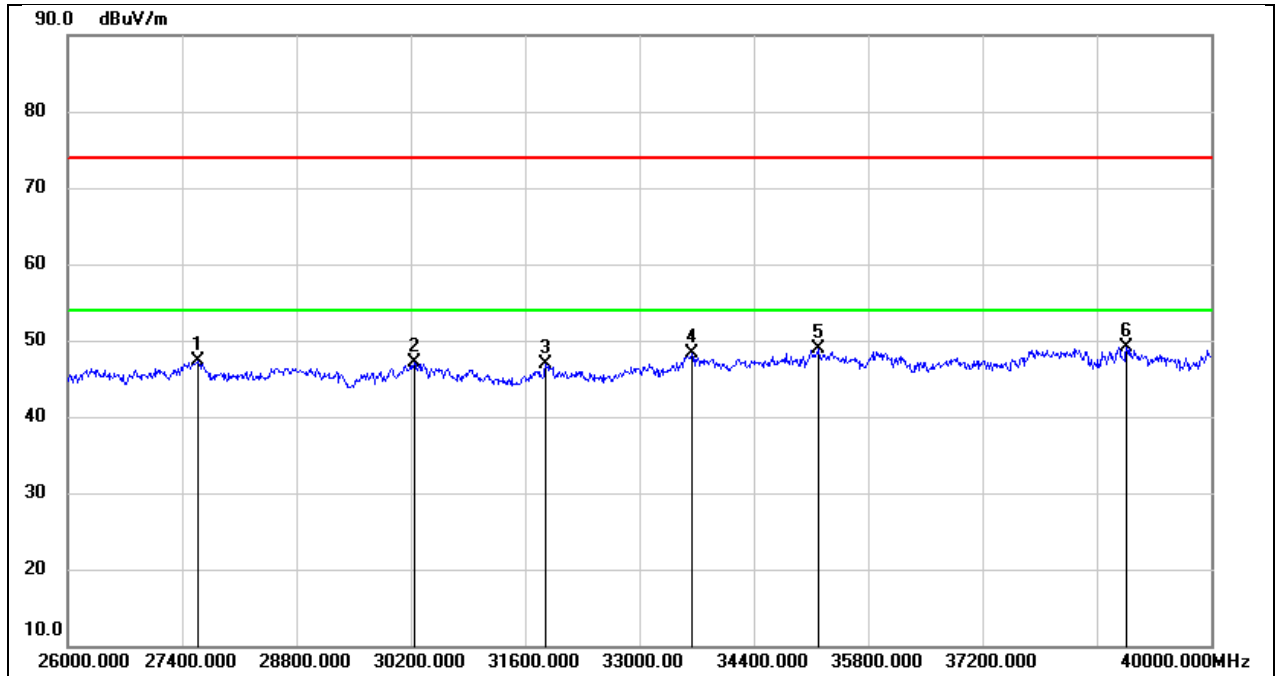
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18560.000	49.64	-5.29	44.35	74.00	-29.65	peak
2	19784.000	49.57	-5.28	44.29	74.00	-29.71	peak
3	21376.000	48.99	-4.73	44.26	74.00	-29.74	peak
4	23360.000	47.60	-3.26	44.34	74.00	-29.66	peak
5	24304.000	47.39	-2.72	44.67	74.00	-29.33	peak
6	25136.000	46.92	-1.87	45.05	74.00	-28.95	peak

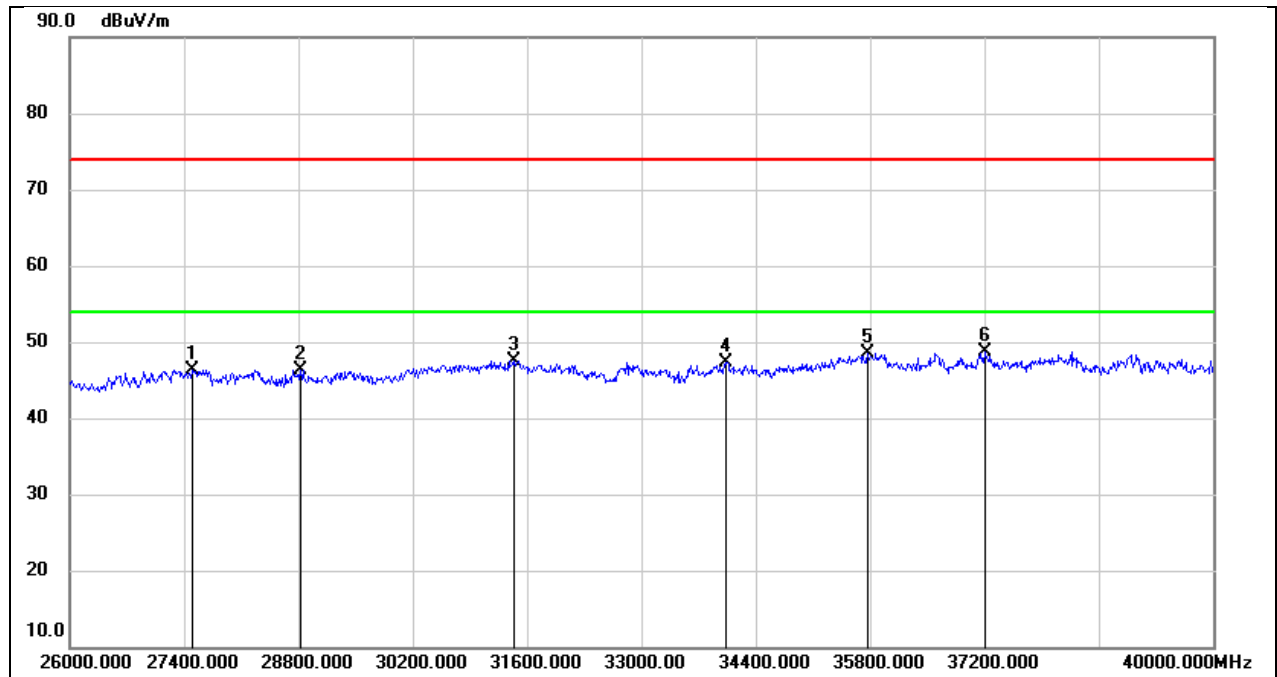
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27596.000	50.71	-3.46	47.25	74.00	-26.75	peak
2	30242.000	48.36	-1.32	47.04	74.00	-26.96	peak
3	31852.000	48.50	-1.59	46.91	74.00	-27.09	peak
4	33644.000	47.81	0.42	48.23	74.00	-25.77	peak
5	35198.000	46.58	2.37	48.95	74.00	-25.05	peak
6	38964.000	44.78	4.33	49.11	74.00	-24.89	peak

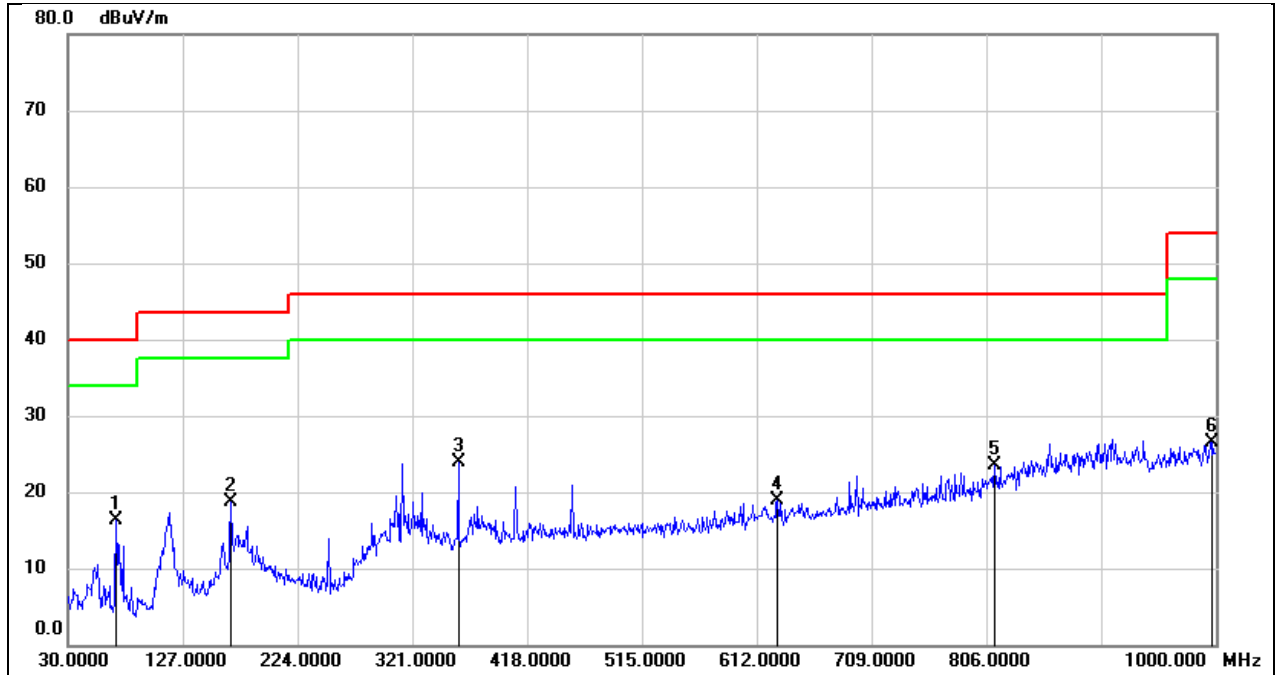
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27498.000	49.71	-3.42	46.29	74.00	-27.71	peak
2	28828.000	47.13	-0.79	46.34	74.00	-27.66	peak
3	31432.000	48.52	-1.10	47.42	74.00	-26.58	peak
4	34036.000	46.18	1.11	47.29	74.00	-26.71	peak
5	35772.000	44.96	3.53	48.49	74.00	-25.51	peak
6	37200.000	45.61	3.16	48.77	74.00	-25.23	peak

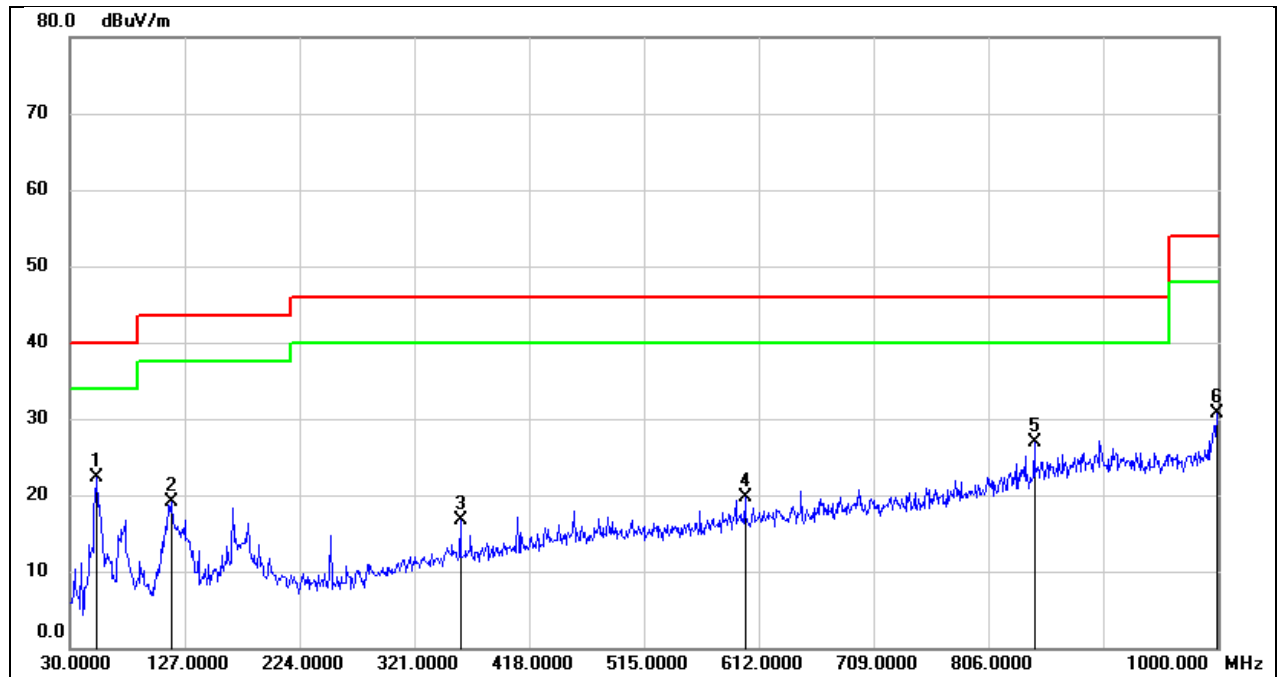
8.7. SPURIOUS EMISSIONS(30 MHz~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	70.7400	31.66	-15.37	16.29	40.00	-23.71	QP
2	167.7400	30.92	-12.25	18.67	43.50	-24.83	QP
3	359.8000	33.36	-9.55	23.81	46.00	-22.19	QP
4	629.4600	24.47	-5.65	18.82	46.00	-27.18	QP
5	812.7900	25.79	-2.28	23.51	46.00	-22.49	QP
6	997.0900	26.65	-0.17	26.48	54.00	-27.52	QP

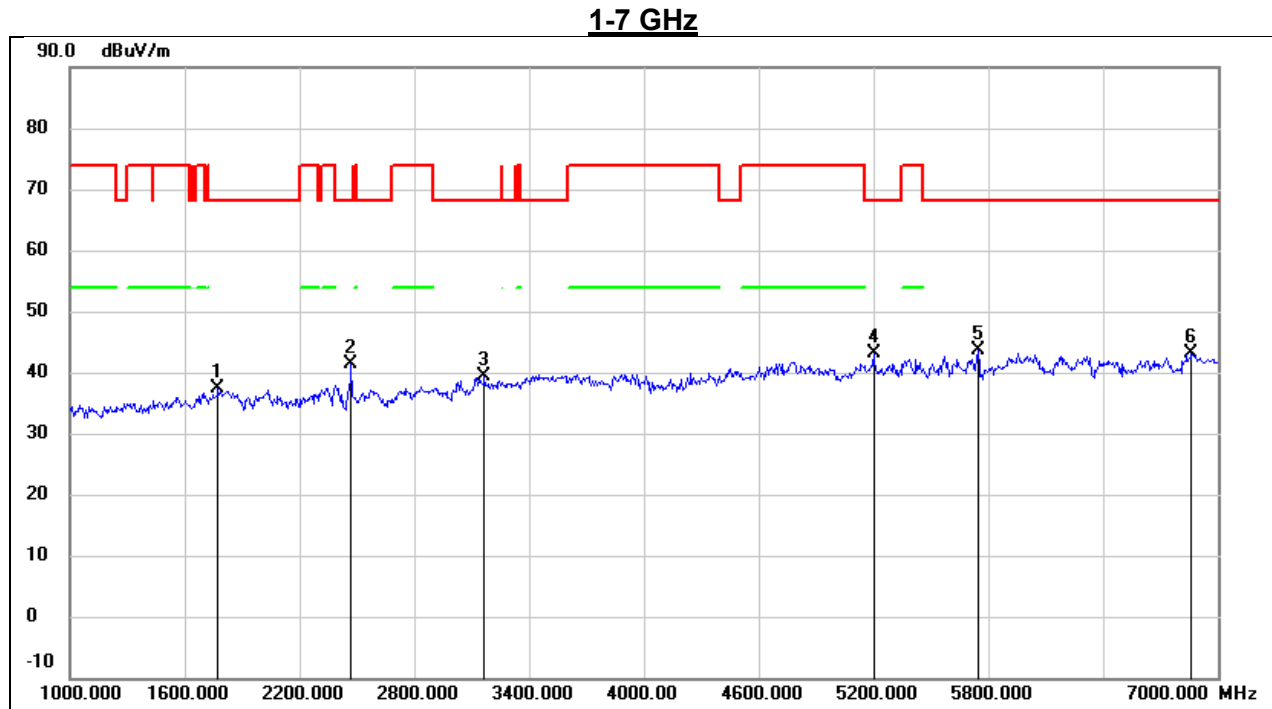
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.87V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	52.3100	37.43	-15.05	22.38	40.00	-17.62	QP
2	115.3600	34.22	-15.04	19.18	43.50	-24.32	QP
3	359.8000	26.16	-9.55	16.61	46.00	-29.39	QP
4	600.3600	25.48	-5.74	19.74	46.00	-26.26	QP
5	844.8000	28.40	-1.44	26.96	46.00	-19.04	QP
6	999.0300	30.88	-0.15	30.73	54.00	-23.27	QP

8.8. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

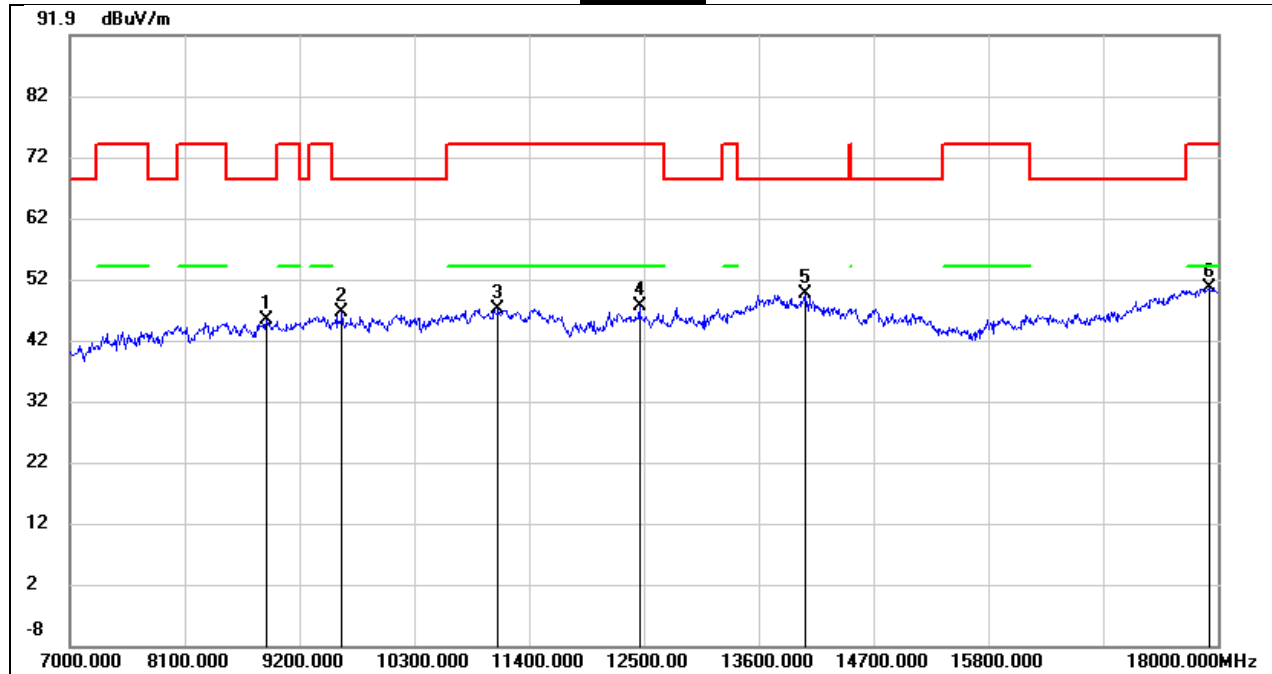
SPURIOUS EMISSIONS (BLE 1M MID CHANNEL, WIFI 2.4G B MODE HIGH CHANNEL, WIFI 5G AX20 MODE UNII-3 LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1774.000	48.43	-11.12	37.31	68.20	-30.89	peak
2	2470.000	49.93	-8.43	41.50	68.20	-26.70	peak
3	3166.000	44.68	-5.29	39.39	68.20	-28.81	peak
4	5200.000	41.76	1.48	43.24	68.20	-24.96	peak
5	5746.000	40.57	2.97	43.54	68.20	-24.66	peak
6	6862.000	37.15	5.94	43.09	68.20	-25.11	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/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.

7-18 GHz



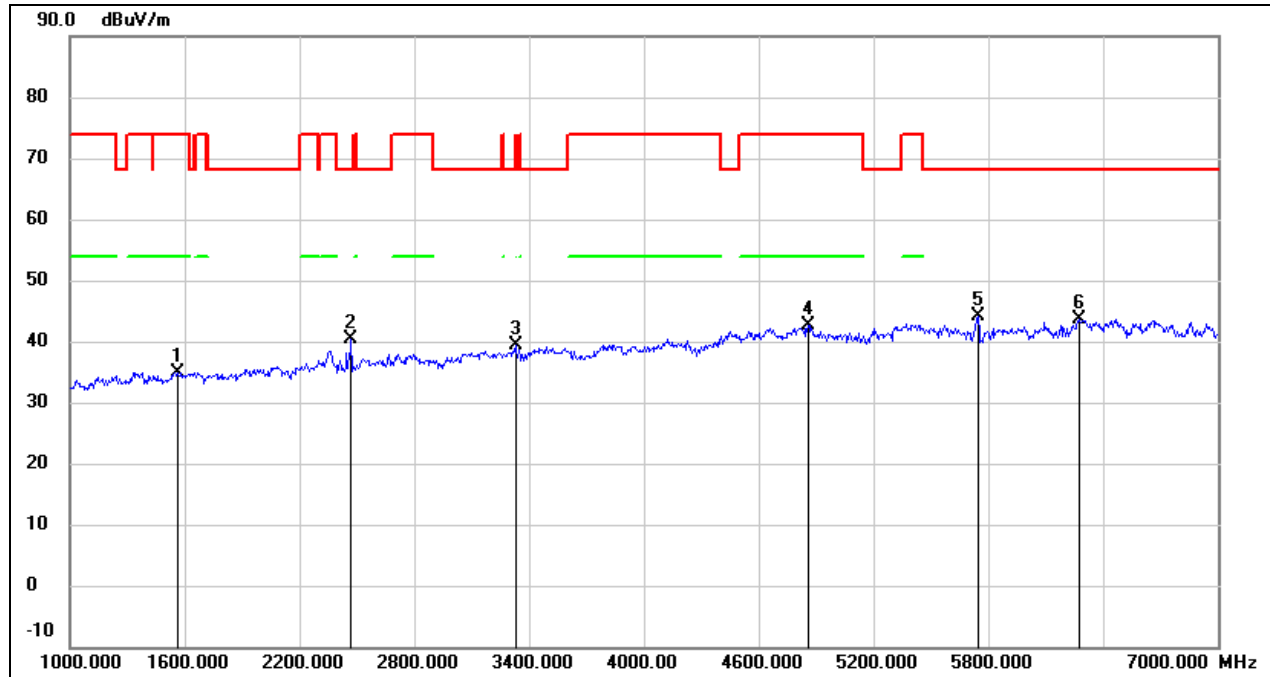
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8881.000	35.29	9.99	45.28	68.20	-22.92	peak
2	9607.000	33.20	13.30	46.50	68.20	-21.70	peak
3	11103.000	31.22	15.88	47.10	74.00	-26.90	peak
4	12456.000	27.88	19.73	47.61	74.00	-26.39	peak
5	14040.000	25.88	23.71	49.59	68.20	-18.61	peak
6	17923.000	22.82	27.79	50.61	74.00	-23.39	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 (BLE 1M MID CHANNEL, WIFI 2.4G B MODE HIGH CHANNEL, WIFI 5G AX20 MODE UNII-3 LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

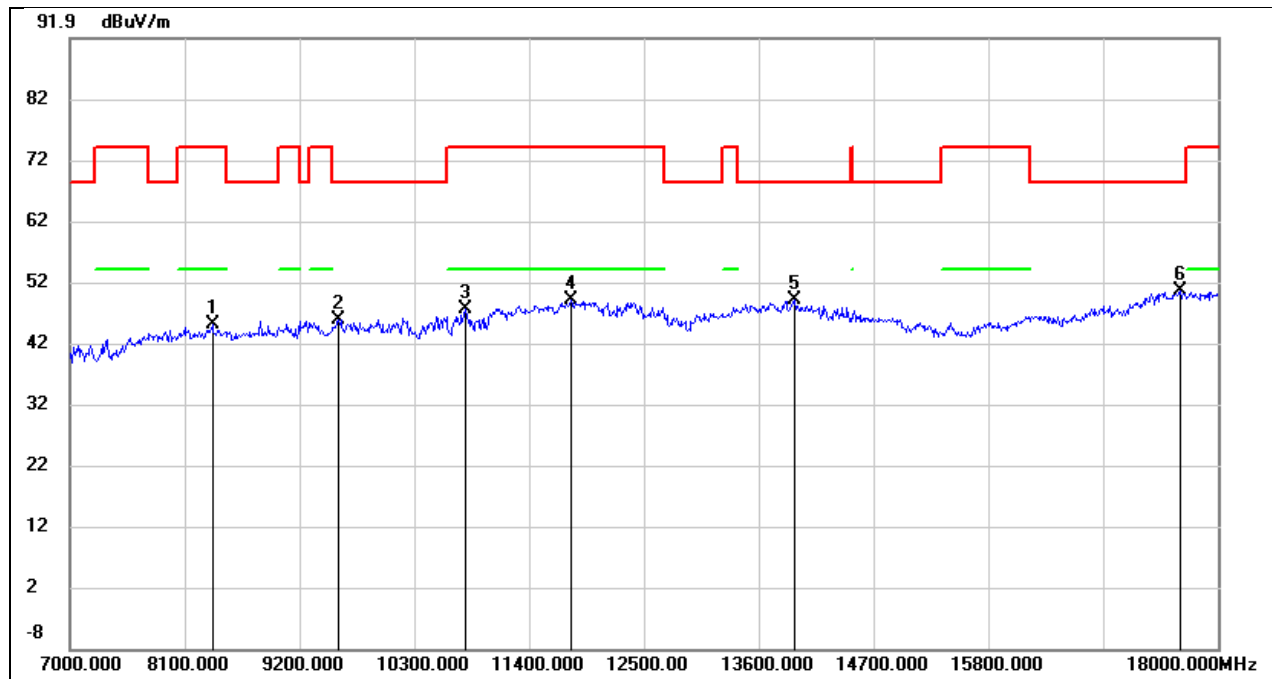
1-7 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1564.000	46.68	-11.70	34.98	74.00	-39.02	peak
2	2470.000	48.93	-8.43	40.50	68.20	-27.70	peak
3	3328.000	44.28	-4.89	39.39	68.20	-28.81	peak
4	4858.000	42.08	0.61	42.69	74.00	-31.31	peak
5	5746.000	41.07	2.97	44.04	68.20	-24.16	peak
6	6274.000	39.18	4.52	43.70	68.20	-24.50	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/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.

7-18 GHz



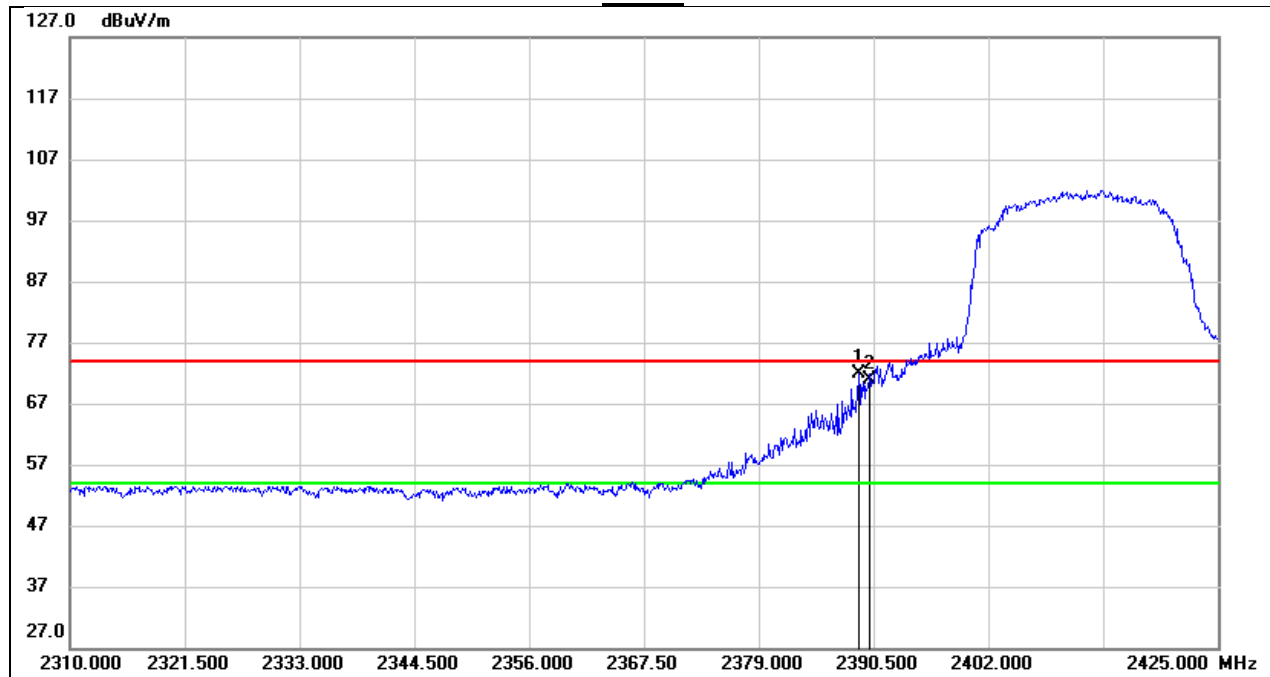
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8364.000	36.39	8.55	44.94	74.00	-29.06	peak
2	9574.000	32.76	13.13	45.89	68.20	-22.31	peak
3	10795.000	32.57	14.85	47.42	74.00	-26.58	peak
4	11807.000	31.11	17.95	49.06	74.00	-24.94	peak
5	13941.000	25.29	23.68	48.97	68.20	-19.23	peak
6	17637.000	25.31	25.32	50.63	68.20	-17.57	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 7.7.
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.

RESTRICTED BANDEDGE (BLE 2M LOW CHANNEL, WIFI 2.4G AX20 MODE LOW CHANNEL, WIFI 5G AX20 MODE UNII-3 LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)
PEAK

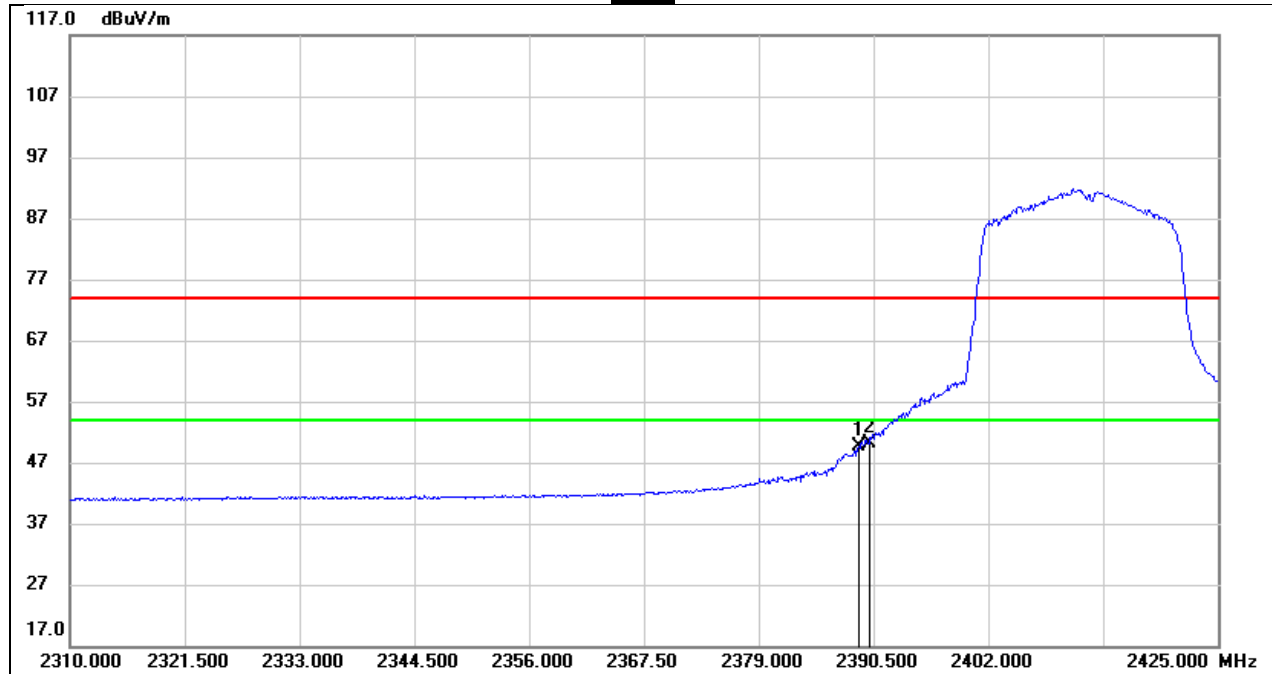


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.005	40.31	31.68	71.99	74.00	-2.01	peak
2	2390.000	39.11	31.69	70.80	74.00	-3.20	peak

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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
5. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes and antennas have been tested, but only the worst data was recorded in the report.

AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.005	17.91	31.68	49.59	54.00	-4.41	AVG
2	2390.000	18.41	31.69	50.10	54.00	-3.90	AVG

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. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
6. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
7. All modes and antennas have been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a).

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

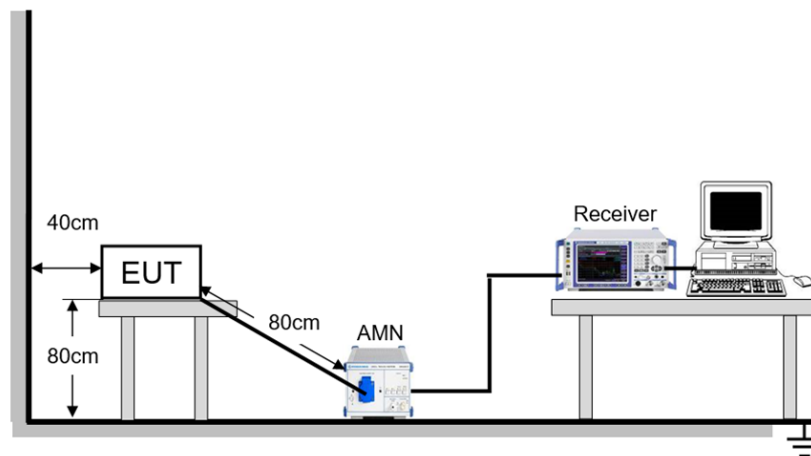
TEST PROCEDURE

Refer to ANSI C63.10-2020 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 C63.10-2020. 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

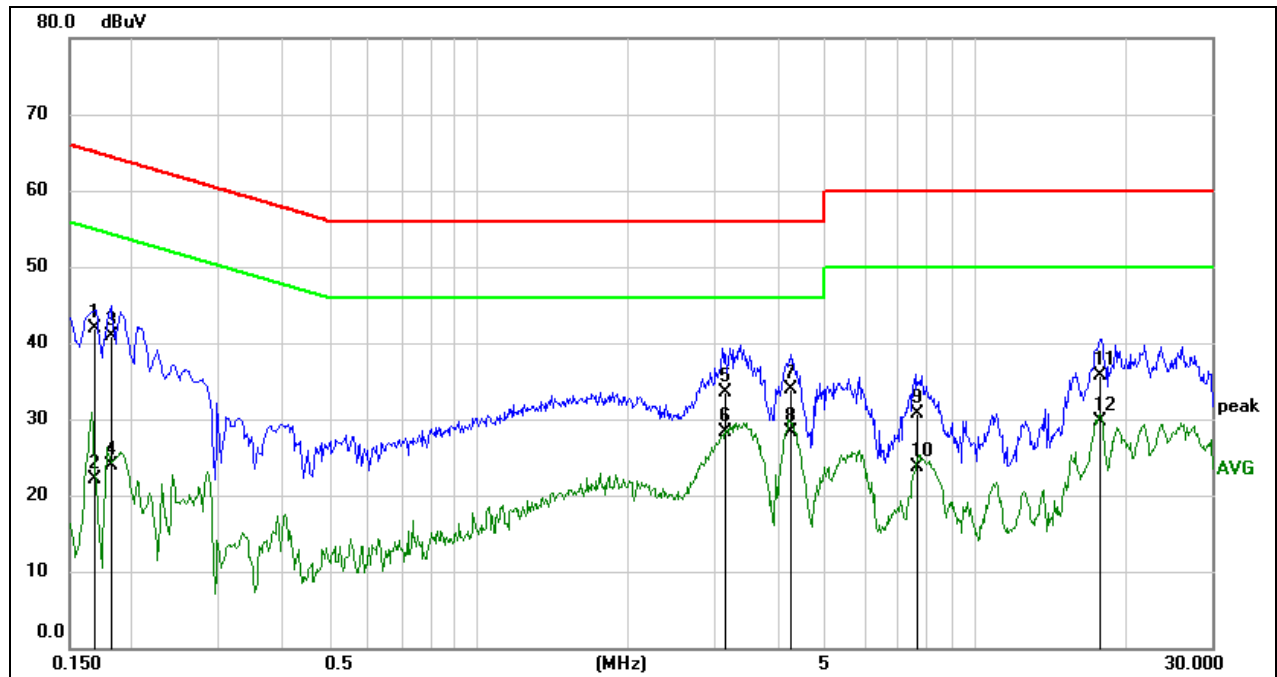
Temperature	24.1℃	Relative Humidity	59%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V_60Hz

TEST DATE / ENGINEER

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

Test Mode:	802.11a20	Frequency(MHz):	5180
Line:	Line		



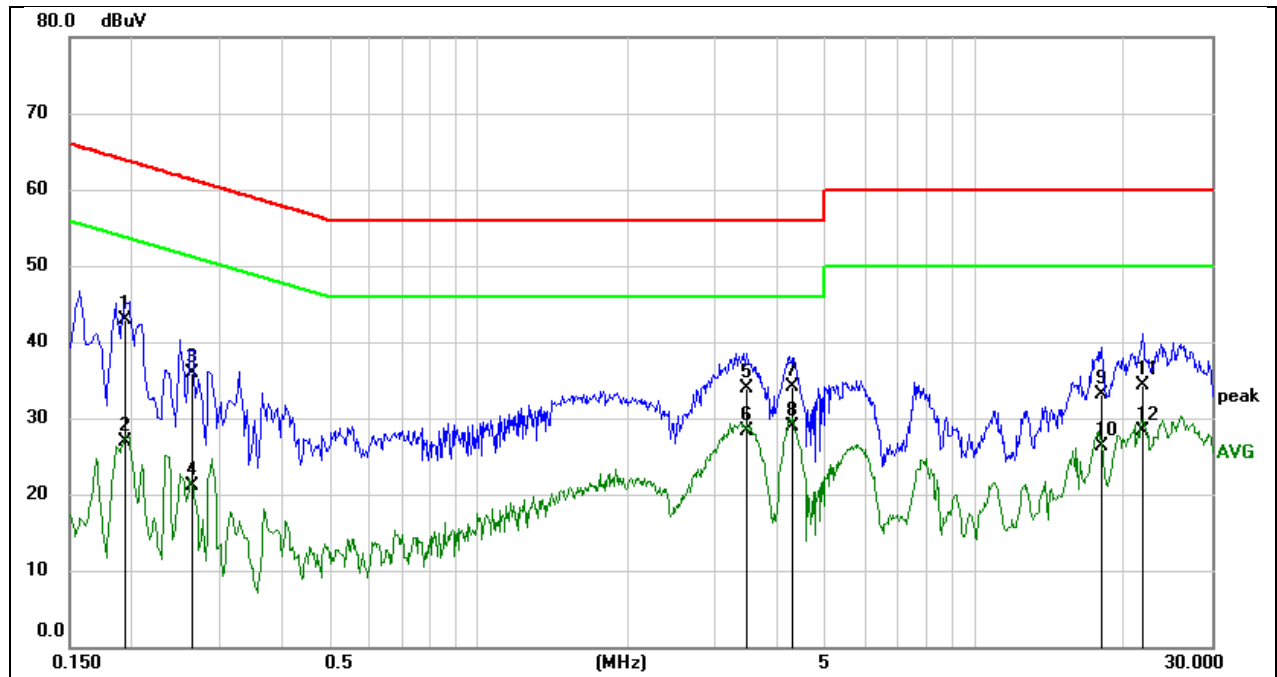
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1684	32.19	9.70	41.89	65.04	-23.15	QP
2	0.1684	12.44	9.70	22.14	55.04	-32.90	AVG
3	0.1816	31.17	9.68	40.85	64.41	-23.56	QP
4	0.1816	14.31	9.68	23.99	54.41	-30.42	AVG
5	3.1510	23.81	9.73	33.54	56.00	-22.46	QP
6	3.1510	18.51	9.73	28.24	46.00	-17.76	AVG
7	4.2674	24.13	9.73	33.86	56.00	-22.14	QP
8	4.2674	18.65	9.73	28.38	46.00	-17.62	AVG
9	7.6705	21.05	9.73	30.78	60.00	-29.22	QP
10	7.6705	13.95	9.73	23.68	50.00	-26.32	AVG
11	17.8491	25.89	9.74	35.63	60.00	-24.37	QP
12	17.8491	19.95	9.74	29.69	50.00	-20.31	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:	802.11a20	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1945	33.29	9.64	42.93	63.84	-20.91	QP
2	0.1945	17.30	9.64	26.94	53.84	-26.90	AVG
3	0.2643	26.22	9.64	35.86	61.30	-25.44	QP
4	0.2643	11.47	9.64	21.11	51.30	-30.19	AVG
5	3.4591	24.34	9.63	33.97	56.00	-22.03	QP
6	3.4591	18.70	9.63	28.33	46.00	-17.67	AVG
7	4.2662	24.41	9.64	34.05	56.00	-21.95	QP
8	4.2662	19.19	9.64	28.83	46.00	-17.17	AVG
9	17.8716	23.41	9.74	33.15	60.00	-26.85	QP
10	17.8716	16.64	9.74	26.38	50.00	-23.62	AVG
11	21.8147	24.51	9.72	34.23	60.00	-25.77	QP
12	21.8147	18.65	9.72	28.37	50.00	-21.63	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

Appendix A:Duty Cycle

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
a	1.428	1.527	0.9352	93.52	0.29	0.70	1
n20	1.32	1.418	0.9309	93.09	0.31	0.76	1
n40	0.656	0.755	0.8689	86.89	0.61	1.52	2
ac80	0.612	0.711	0.8608	86.08	0.65	1.63	2
ax20	1.033	1.132	0.9125	91.25	0.40	0.97	1
ax40	1.029	1.128	0.9122	91.22	0.40	0.97	1
ax80	0.525	0.625	0.8400	84.00	0.76	1.90	2

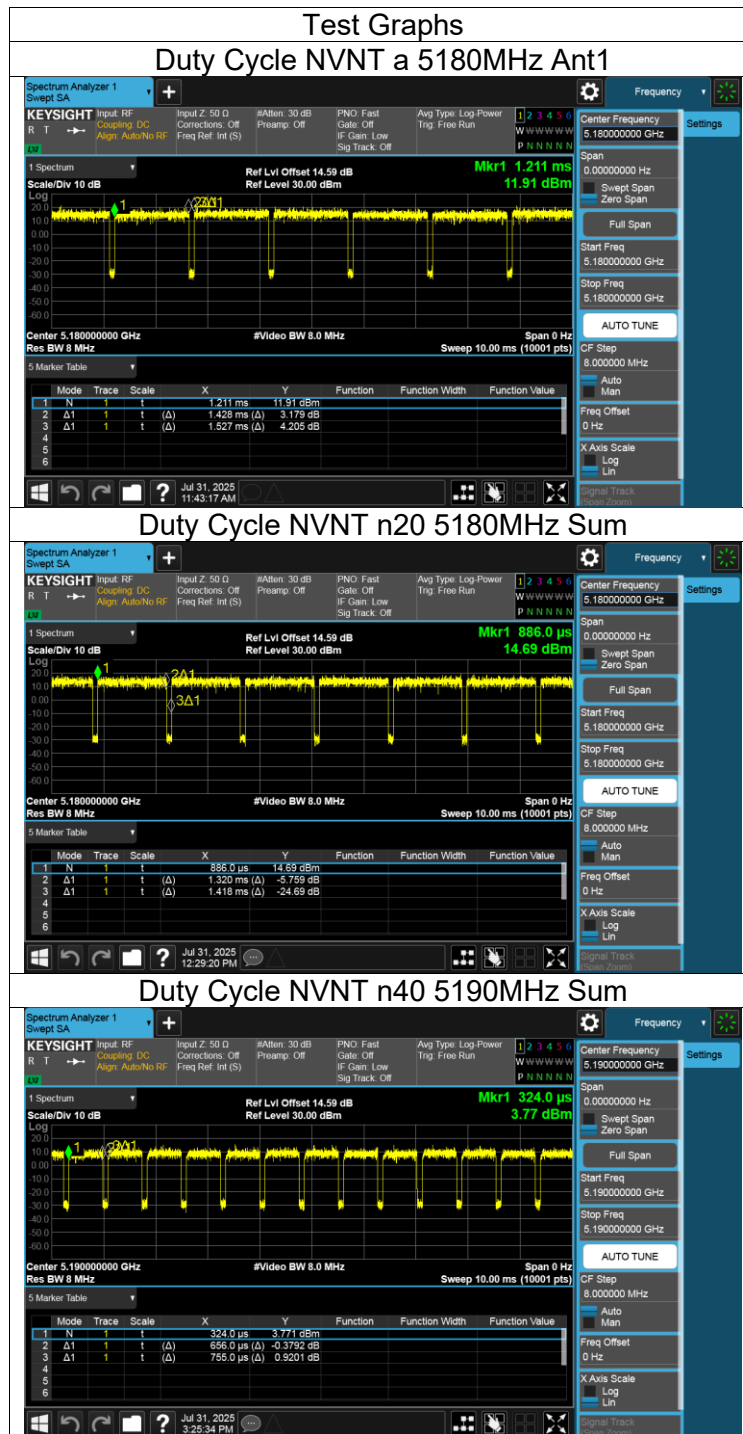
Note:

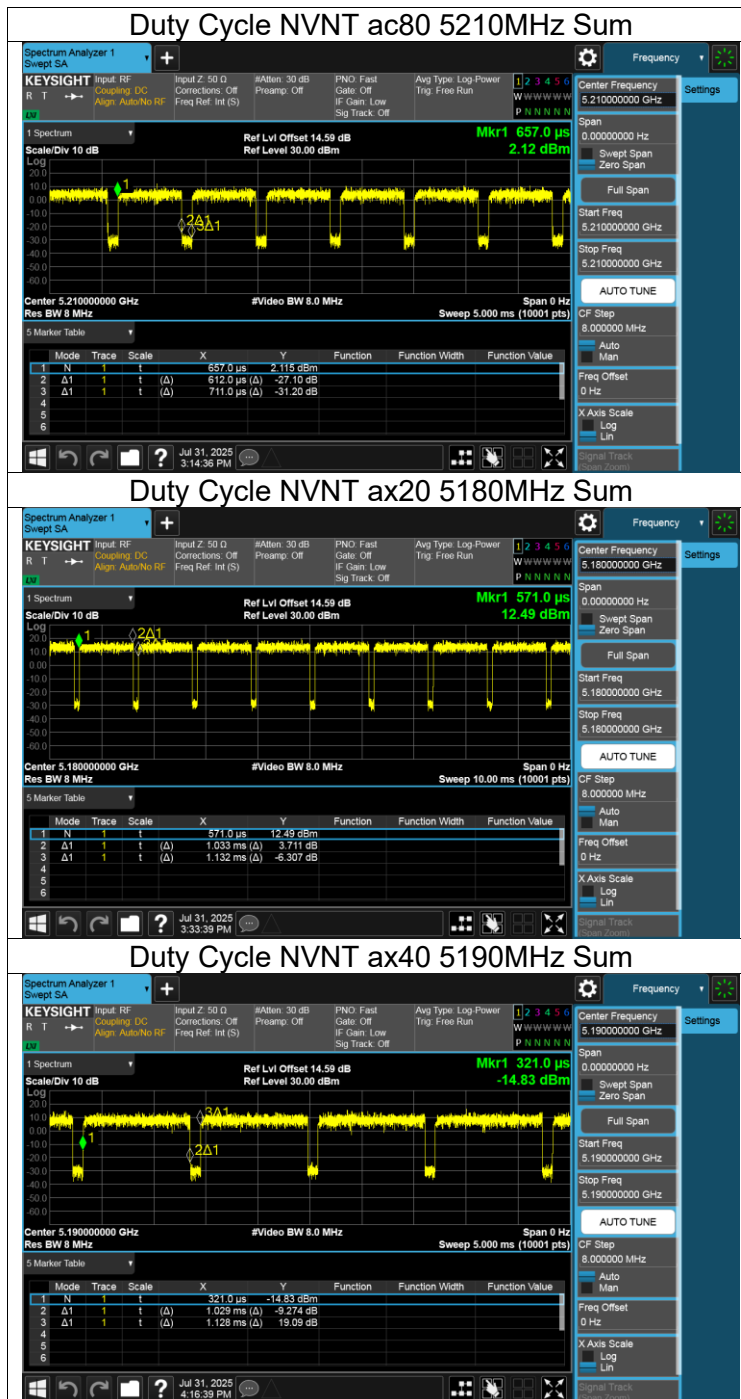
Duty Cycle Correction Factor=10log (1/x).

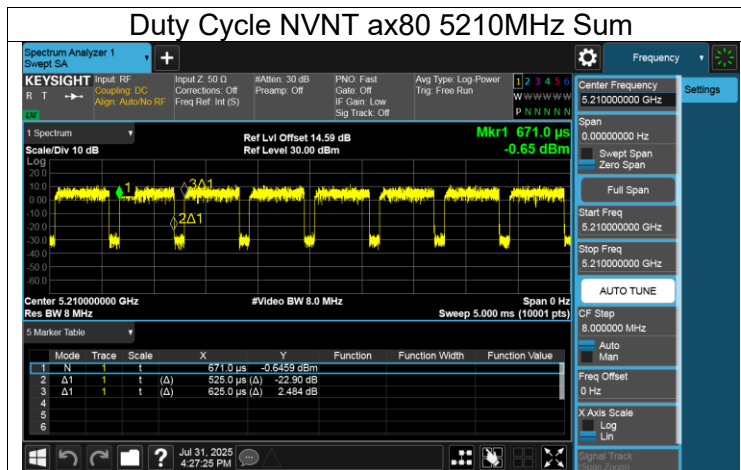
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.







Appendix B:Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	12.97	24	Pass
a	5200	Ant1	12.77	24	Pass
a	5240	Ant1	12.72	24	Pass
a	5745	Ant1	17.35	30	Pass
a	5785	Ant1	17.38	30	Pass
a	5825	Ant1	17.52	30	Pass
a	5180	Ant2	14.05	24	Pass
a	5200	Ant2	13.74	24	Pass
a	5240	Ant2	13.71	24	Pass
a	5745	Ant2	18.08	30	Pass
a	5785	Ant2	17.51	30	Pass
a	5825	Ant2	17.45	30	Pass
n20	5180	Ant1	11.88	24	Pass
n20	5180	Ant2	13.47	24	Pass
n20	5180	Sum	15.76	24	Pass
n20	5200	Ant1	11.73	24	Pass
n20	5200	Ant2	12.78	24	Pass
n20	5200	Sum	15.3	24	Pass
n20	5240	Ant1	11.42	24	Pass
n20	5240	Ant2	12.64	24	Pass
n20	5240	Sum	15.08	24	Pass
n20	5745	Ant1	15.19	30	Pass
n20	5745	Ant2	15.37	30	Pass
n20	5745	Sum	18.29	30	Pass
n20	5785	Ant1	15.19	30	Pass
n20	5785	Ant2	14.81	30	Pass
n20	5785	Sum	18.01	30	Pass
n20	5825	Ant1	15.2	30	Pass
n20	5825	Ant2	14.78	30	Pass
n20	5825	Sum	18.01	30	Pass
n40	5190	Ant1	11.6	24	Pass
n40	5190	Ant2	12.61	24	Pass
n40	5190	Sum	15.14	24	Pass
n40	5230	Ant1	11.1	24	Pass
n40	5230	Ant2	12.28	24	Pass
n40	5230	Sum	14.74	24	Pass
n40	5755	Ant1	14.54	30	Pass
n40	5755	Ant2	15.34	30	Pass
n40	5755	Sum	17.97	30	Pass
n40	5795	Ant1	14.67	30	Pass
n40	5795	Ant2	14.78	30	Pass
n40	5795	Sum	17.74	30	Pass
ac80	5210	Ant1	11.14	24	Pass
ac80	5210	Ant2	12.63	24	Pass
ac80	5210	Sum	14.96	24	Pass
ac80	5775	Ant1	14.49	30	Pass
ac80	5775	Ant2	15.36	30	Pass
ac80	5775	Sum	17.96	30	Pass

ax20	5180	Ant1	12	24	Pass
ax20	5180	Ant2	13.43	24	Pass
ax20	5180	Sum	15.78	24	Pass
ax20	5200	Ant1	11.76	24	Pass
ax20	5200	Ant2	13.14	24	Pass
ax20	5200	Sum	15.51	24	Pass
ax20	5240	Ant1	11.8	24	Pass
ax20	5240	Ant2	12.88	24	Pass
ax20	5240	Sum	15.38	24	Pass
ax20	5745	Ant1	15.06	30	Pass
ax20	5745	Ant2	15.51	30	Pass
ax20	5745	Sum	18.3	30	Pass
ax20	5785	Ant1	15.23	30	Pass
ax20	5785	Ant2	15.21	30	Pass
ax20	5785	Sum	18.23	30	Pass
ax20	5825	Ant1	15.26	30	Pass
ax20	5825	Ant2	15.19	30	Pass
ax20	5825	Sum	18.24	30	Pass
ax40	5190	Ant1	11.98	24	Pass
ax40	5190	Ant2	12.93	24	Pass
ax40	5190	Sum	15.49	24	Pass
ax40	5230	Ant1	11.33	24	Pass
ax40	5230	Ant2	12.51	24	Pass
ax40	5230	Sum	14.97	24	Pass
ax40	5755	Ant1	14.94	30	Pass
ax40	5755	Ant2	15.52	30	Pass
ax40	5755	Sum	18.25	30	Pass
ax40	5795	Ant1	15	30	Pass
ax40	5795	Ant2	15.29	30	Pass
ax40	5795	Sum	18.16	30	Pass
ax80	5210	Ant1	11.57	24	Pass
ax80	5210	Ant2	12.9	24	Pass
ax80	5210	Sum	15.3	24	Pass
ax80	5775	Ant1	14.86	30	Pass
ax80	5775	Ant2	15.42	30	Pass
ax80	5775	Sum	18.16	30	Pass

Appendix C:26dB Bandwidth

Mode	Frequency (MHz)	Antenna	26dB Bandwidth (MHz)	Verdict
a	5180	Ant1	20.983	Pass
a	5200	Ant1	20.986	Pass
a	5240	Ant1	20.553	Pass
a	5745	Ant1	20.663	Pass
a	5785	Ant1	20.63	Pass
a	5825	Ant1	20.574	Pass
a	5180	Ant2	21.057	Pass
a	5200	Ant2	20.794	Pass
a	5240	Ant2	20.569	Pass
a	5745	Ant2	21.017	Pass
a	5785	Ant2	20.951	Pass
a	5825	Ant2	20.642	Pass
n20	5180	Ant1	21.411	Pass
n20	5180	Ant2	21.04	Pass
n20	5200	Ant1	21.189	Pass
n20	5200	Ant2	20.833	Pass
n20	5240	Ant1	20.982	Pass
n20	5240	Ant2	20.834	Pass
n20	5745	Ant1	20.972	Pass
n20	5745	Ant2	20.925	Pass
n20	5785	Ant1	21.002	Pass
n20	5785	Ant2	20.57	Pass
n20	5825	Ant1	20.981	Pass
n20	5825	Ant2	20.577	Pass
n40	5190	Ant1	40.001	Pass
n40	5190	Ant2	39.541	Pass
n40	5230	Ant1	40.036	Pass
n40	5230	Ant2	39.508	Pass
n40	5755	Ant1	40.545	Pass
n40	5755	Ant2	40.421	Pass
n40	5795	Ant1	39.797	Pass
n40	5795	Ant2	40.818	Pass
ac80	5210	Ant1	82.18	Pass
ac80	5210	Ant2	81.217	Pass
ac80	5775	Ant1	82.469	Pass
ac80	5775	Ant2	83.145	Pass
ax20	5180	Ant1	21.33	Pass
ax20	5180	Ant2	21.199	Pass
ax20	5200	Ant1	20.94	Pass
ax20	5200	Ant2	20.96	Pass
ax20	5240	Ant1	21.308	Pass
ax20	5240	Ant2	21.163	Pass
ax20	5745	Ant1	20.897	Pass
ax20	5745	Ant2	21.049	Pass
ax20	5785	Ant1	20.638	Pass
ax20	5785	Ant2	20.975	Pass
ax20	5825	Ant1	21.229	Pass
ax20	5825	Ant2	21.036	Pass

ax40	5190	Ant1	40.098	Pass
ax40	5190	Ant2	40.441	Pass
ax40	5230	Ant1	39.88	Pass
ax40	5230	Ant2	40.003	Pass
ax40	5755	Ant1	39.795	Pass
ax40	5755	Ant2	40.062	Pass
ax40	5795	Ant1	39.944	Pass
ax40	5795	Ant2	39.605	Pass
ax80	5210	Ant1	81.531	Pass
ax80	5210	Ant2	81.348	Pass
ax80	5775	Ant1	81.686	Pass
ax80	5775	Ant2	81.416	Pass

