

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

**TEST REPORT**

*For*

**Wi-Fi/BT Transceiver**

**MODEL NUMBER: WCF940M**

**REPORT NUMBER: 4791524970-RF-3**

**ISSUE DATE: January 14, 2025**

**FCC ID:A3LWCF940M  
IC:649E-WCF940M**

*Prepared for*

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## Revision History

Rev.	Issue Date	Revisions	Revised By
V0	January 14, 2025	Initial Issue	

### Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
Antenna Requirement	N/A	FCC Part 15.203/15.247 (c) RSS-GEN Clause 6.8	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2	FCC Part 15.207 RSS-GEN Clause 8.8	Pass
Conducted Output Power	ANSI C63.10-2013, Clause 11.9.2.3.1	FCC Part 15.247 (b)(3) RSS-247 Clause 5.4 (d)	Pass
6dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2013, Clause 11.8.1	FCC Part 15.247 (a)(2) RSS-247 Clause 5.2 (a) ISED RSS-Gen Clause 6.7	Pass
Power Spectral Density	ANSI C63.10-2013, Clause 11.10.5	FCC Part 15.247 (e) RSS-247 Clause 5.2 (b)	Pass
Conducted Band edge and spurious emission	ANSI C63.10-2013, Clause 11.11	FCC Part 15.247(d) RSS-247 Clause 5.5	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2013, Clause 11.12 & Clause 11.13	FCC Part 15.247 (d) FCC Part 15.205/15.209 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

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

\*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART C ISED RSS-247 Issue 3> when <Simple Acceptance> decision rule is applied.

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## 1. ATTESTATION OF TEST RESULTS

### Applicant Information

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### EUT Information

EUT Name: Wi-Fi/BT Transceiver  
Model: WCF940M  
Brand: Samsung  
Sample Received Date: October 18, 2024  
Sample Status: Normal  
Sample ID: 7722886  
Date of Tested: November 9, 2024 to January 14, 2025

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

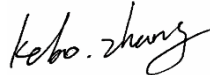
Prepared By:



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Laboratory Engineer

Checked By:



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Approved By:



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Stephen Guo  
Operations Manager

## 2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C ISSED RSS-247 Issue 3, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, CFR 47 FCC Part 2, ANSI C63.10-2013 and ISSED RSS-GEN Issue 5

## 3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p><b>A2LA (Certificate No.: 4102.01)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p><b>ISED (Company No.: 21320)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p><b>VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155</p>
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Note 1:

All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.

Note 2:

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

Note 3:

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



## 4. CALIBRATION AND UNCERTAINTY

### 4.1. MEASURING INSTRUMENT CALIBRATION

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

### 4.2. MEASUREMENT UNCERTAINTY

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

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Duty Cycle	±0.028%
DTS and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.686 dB
Maximum Power Spectral Density Level	±0.743 dB
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

## 5. EQUIPMENT UNDER TEST

### 5.1. DESCRIPTION OF EUT

EUT Name	Wi-Fi/BT Transceiver
Model	WCF940M

Frequency Range:	2412 MHz to 2472 MHz
Type of Modulation:	IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g/n: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11ax: OFDM(1024-QAM, 64-QAM, 16-QAM, QPSK, BPSK)
Radio Technology:	IEEE 802.11b/g/n HT20/ax HE20
Normal Test Voltage:	DC 5V

### 5.2. CHANNEL LIST

Channel List For Bandwidth=20 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452	13	2472
2	2417	6	2437	10	2457	/	/
3	2422	7	2442	11	2462	/	/
4	2427	8	2447	12	2467	/	/

### 5.3. MAXIMUM POWER

IEEE Std. 802.11	Frequency (MHz)	Channel Number	Maximum Conducted AVG Output Power (dBm)
b	2412 ~ 2472	1-11[11]	19.55
g	2412 ~ 2472	1-11[11]	16.72
n HT20	2412 ~ 2472	1-11[11]	20.33
ax HE20	2412 ~ 2472	1-11[11]	21.43

## 5.4. TEST CHANNEL CONFIGURATION

IEEE Std. 802.11	Test Channel Number	Frequency
b	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel), CH12, CH13	2412 MHz, 2437 MHz, 2462 MHz, 2467MHz, 2472MHz
g	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel), CH12, CH13	2412 MHz, 2437 MHz, 2462 MHz, 2467MHz, 2472MHz
n HT20	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel), CH12, CH13	2412 MHz, 2437 MHz, 2462 MHz, 2467MHz, 2472MHz
ax HE20	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel), CH12, CH13	2412 MHz, 2437 MHz, 2462 MHz, 2467MHz, 2472MHz

## 5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band	
Test Software	QA Tool

Mode	Freq(MHz)	Tx power level
802.11b	2412	17
	2437	17
	2462	17
	2467	16.5
	2472	9
802.11g	2412	13.5
	2437	15.5
	2462	14.5
	2467	13
	2472	12
802.11n 20M	2412	14
	2437	16
	2462	15
	2467	12.5
	2472	10.5

Mode	Freq(MHz)	RU size	RU Index	Tx power level
802.11ax 20M	2412	26	0	16
		52	37	16
		106	53	16
		SU	/	14
	2437	26	4	16
		52	38	16
		106	53	16
		SU	/	16
	2462	26	8	16
		52	40	16
		106	54	15.5
		SU	/	15.5
	2467	26	8	13
		52	40	13
		106	54	12.5
		SU	/	13
	2472	26	8	6
		52	40	7.5
		106	54	9.5
		SU	/	13

## 5.6. WORST-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 as provided by the client were:

802.11b mode: 1 Mbps  
802.11g mode: 6 Mbps  
802.11n HT20 mode: MCS0  
802.11ax HE20 mode: MCS0

802.11b/g only support SISO mode.  
802.11n HT20/ax HE20 support SISO and MIMO mode.

802.11b/g SISO mode, Antenna 1 and Antenna 2 has the same power setting, so only Antenna 1 worst case test data were recorded in the report.

802.11n/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.

The EUT has 4 separate antennas which correspond to 4 separate antenna ports. Two of the antennas support BT only, and the other two support WiFi only. Core 1 and Core 2 correspond to antenna 0 and antenna 1 respectively. Core 3 and Core 4 correspond to antenna BT0 and antenna BT1 respectively.

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.

Conducted bandedge and spurious emissions tests were performed with SISO mode, as this port was found to have the worst case in terms of power settings amongst all supported possible SISO & MIMO port combinations.

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

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), Spatial 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.

802.11ax mode supports OFDMA SU mode and partial RU tone. Because the SU case is slightly different to the equivalent fully loaded channel RU (e.g. 242 Tone occupies the full 20MHz channel but is slightly different to the Single User 20 MHz channel), after preliminary investigation that we compared the power of Full RU mode and SU mode and determined that SU mode was the worst mode in all cases. Therefore, the RU size 242 tone power PSD and the other data was omitted from testing, only the worst SU mode data was recorded in the report.

99% bandwidth was performed to measure the maximum occupied bandwidth. So, for 99% bandwidth, only the maximum bandwidth from SU mode was recorded in this report.

Radiated band edge was performed to measure the emission impact outside the working channel when the EUT is operational. Therefore, after preliminary investigation, we determined the lowest index of each RU tone type for measuring low channels and the highest index of each RU tone type for high channels as the worst case.

Radiated spurious emission between were perform with the EUT set to transmit at the highest power and highest PSD modes. So, for this item, only the maximum PSD mode RU26 tone and the maximum power mode SU mode test data was recorded in the report.

For each partial RU configurations pre-scan has been done to search the worst cases, only the worst case mode data recorded in this report.

## 5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
0	2412-2472	Metal antenna	-1.87
1	2412-2472	Metal antenna	-2.07

The EUT support Cyclic Shift Diversity(CDD) mode.

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

For output power measurements:

Directional gain=  $G_{ANT} + \text{Array Gain} = -1.87 \text{ dBi}$

$G_{ANT}$  : 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=  $G_{ANT} + \text{Array Gain} = 1.14 \text{ dBi}$

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  $N_{SS} = 1$

Test Mode	Transmit and Receive Mode	Description
IEEE 802.11b	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
IEEE 802.11g	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
IEEE 802.11n HT20	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
IEEE 802.11ax HE20	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.

Note: 1. The value of the antenna gain was declared by customer.

2. Only BT & WIFI 2.4G, BT & WIFI 5G, BT & WIFI 6G can transmit simultaneously.  
(declare by manufacturer)

## 5.8. SUPPORT UNITS FOR SYSTEM TEST

### SUPPORT EQUIPMENT

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

### I/O CABLES

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

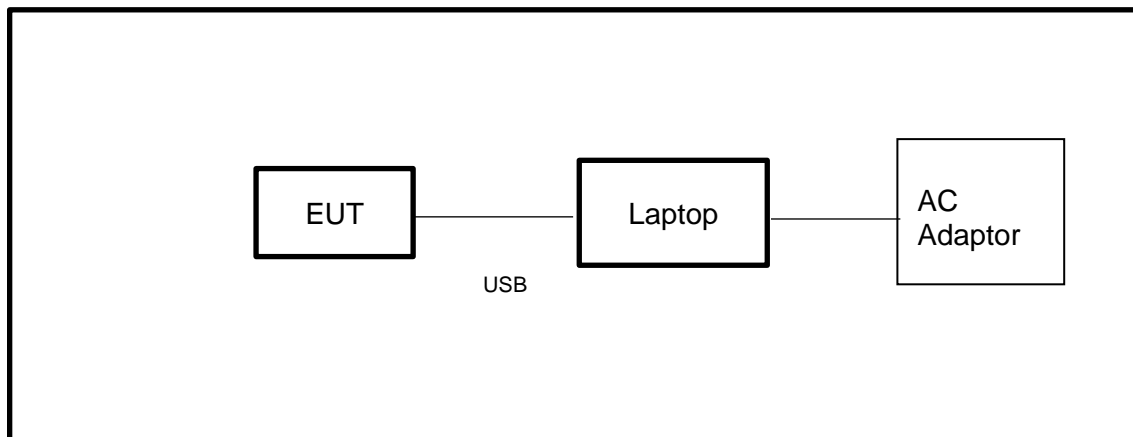
### ACCESSORIES

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

### TEST SETUP

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

### SETUP DIAGRAM FOR TESTS



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



## 6. MEASURING EQUIPMENT AND SOFTWARE USED

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

Conducted Emissions						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.		Due Date
EMI Test Receiver	R&S	ESR3	101961	Sep.28, 2024		Sep.27, 2025
Two-Line V-Network	R&S	ENV216	101983	Sep.28, 2024		Sep.27, 2025
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep.28, 2024		Sep.27, 2025
Software						
Description			Manufacturer	Name		Version
Test Software for Conducted Emissions			Farad	EZ-EMC		Ver. UL-3A1
Radiated Emissions						
Equipment	Manufacturer	Model No.	Serial No.	Upper Last Cal.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	/	Sep.28, 2024	Sep.27, 2025
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	/	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	/	Sep.28, 2024	Sep.27, 2025
EMI Measurement Receiver	R&S	ESR26	101377	/	Sep.28, 2024	Sep.27, 2025
Horn Antenna	TDK	HRN-0118	130939	/	Apr.29, 2022	Apr.28, 2025
Preamplifier	TDK	PA-02-0118	TRS-305-00067	/	Sep.28, 2024	Sep.27, 2025
Horn Antenna	Schwarzbeck	BBHA9170	697	/	Jun 30, 2024	Jun 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00003	/	Sep.28, 2024	Sep.27, 2025
Preamplifier	TDK	PA-02-3	TRS-308-00002	/	Sep.28, 2024	Sep.27, 2025
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec. 09, 2024	Dec.08, 2027
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	/	Sep.28, 2024	Sep.27, 2025
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	/	Sep.28, 2024	Sep.27, 2025
Software						
Description			Manufacturer	Name		Version
Test Software for Radiated Emissions			Farad	EZ-EMC		Ver. UL-3A1

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

## 7. ANTENNA PORT TEST RESULTS

### 7.1. CONDUCTED OUTPUT POWER

#### LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	AVG Output Power	1 watt or 30 dBm	2400-2483.5

#### TEST PROCEDURE

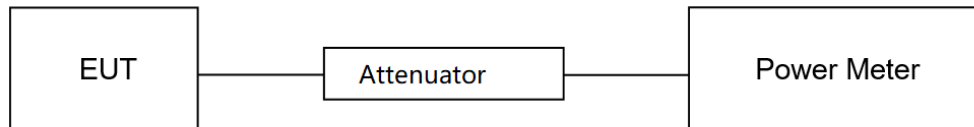
Refer to ANSI C63.10-2013 clause 11.9.2.3.1.

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).

Measure peak emission level, the indicated level is the average output power, after any corrections for external attenuators and cables.

The test result in dBm by adding  $[10 \log (1 / D)]$ , where D is the duty cycle.

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	22.6°C	Relative Humidity	56.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 5V

#### TEST DATE / ENGINEER

Test Date	November 9, 2024	Test By	Bairong Liu
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#### TEST RESULTS

Please refer to section "Test Data" - Appendix C

## 7.2. 6DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

### LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2) ISED RSS-247 5.2 (a)	6 dB Bandwidth	$\geq 500$ kHz	2400-2483.5
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	For reporting purposes only.	2400-2483.5

### TEST PROCEDURE

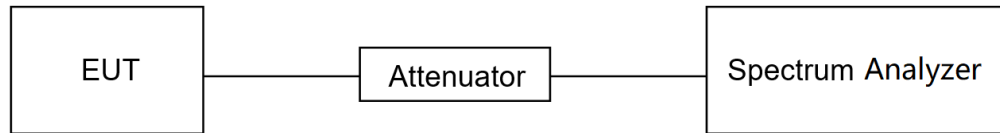
Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

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

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99 % Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RBW	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: $\geq 3 \times$ RBW For 99 % Occupied Bandwidth: $\geq 3 \times$ 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 dB relative to the maximum level measured in the fundamental emission.

**TEST SETUP****TEST ENVIRONMENT**

Temperature	22.6℃	Relative Humidity	56.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 5V

**TEST DATE / ENGINEER**

Test Date	November 9, 2024	Test By	Bairong Liu
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**TEST RESULTS**

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

### 7.3. POWER SPECTRAL DENSITY

#### LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC §15.247 (e) ISED RSS-247 5.2 (b)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

#### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.10.5.

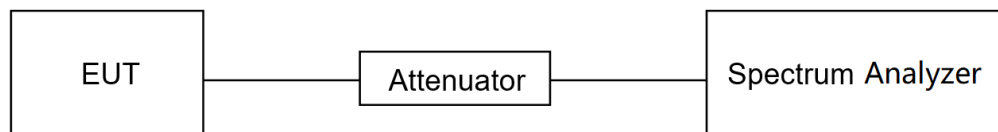
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	power averaging (rms)
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	$\geq 3 \times \text{RBW}$
Span	$1.5 \times \text{OBW bandwidth}$
Trace	Employ trace averaging(rms)mode over a minimum of 100 traces
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	22.6°C	Relative Humidity	56.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 5V

#### TEST DATE / ENGINEER

Test Date	November 9, 2024	Test By	Bairong Liu
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#### TEST RESULTS

Please refer to section "Test Data" - Appendix D

## 7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.11 and 11.13.

Connect the EUT to the spectrum analyzer and use the following settings for reference level measurement:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

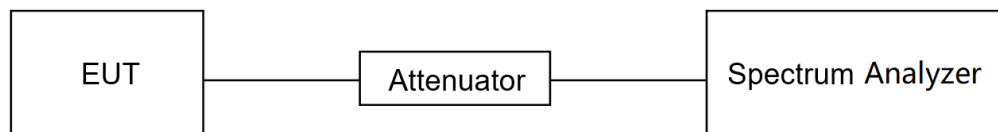
Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

Change the settings for emission level measurement:

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
measurement points	$\geq \text{span}/\text{RBW}$
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

### TEST SETUP



### TEST ENVIRONMENT

Temperature	22.6°C	Relative Humidity	56.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 5V



**TEST DATE / ENGINEER**

Test Date	November 9, 2024	Test By	Bairong Liu
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**TEST RESULTS**

Please refer to section "Test Data" - Appendix E&F

## 7.5. DUTY CYCLE

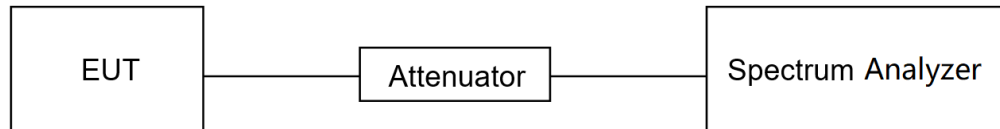
### LIMITS

None; for reporting purposes only.

### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.6 Zero – Span Spectrum Analyzer method.

### TEST SETUP



### TEST ENVIRONMENT

Temperature	22.6°C	Relative Humidity	56.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 5V

### TEST DATE / ENGINEER

Test Date	November 9, 2024	Test By	Bairong Liu
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### TEST RESULTS

Please refer to section "Test Data" - Appendix G

## 8. RADIATED TEST RESULTS

### LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.

Please refer to ISSED RSS-GEN Clause 8.9 and Clause 8.10.

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

ISSED General field strength limits at frequencies below 30 MHz

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

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

ISED Restricted bands please refer to ISED RSS-GEN Clause 8.10

MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.6
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138		

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

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

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

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

<sup>2</sup>Above 38.6c

**TEST PROCEDURE**

Below 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of  $377\Omega$ . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

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

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

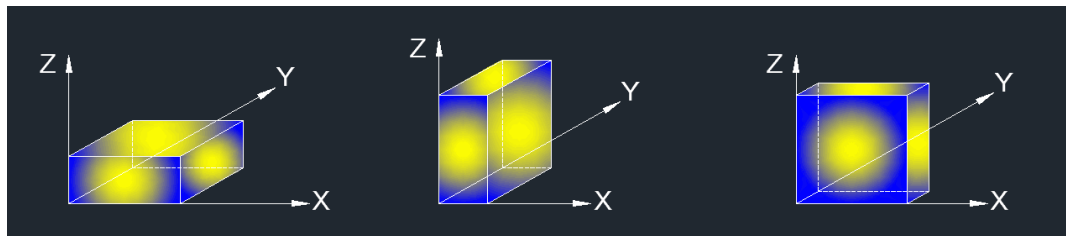
Above 1 GHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.
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 7.5. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



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

For Restricted Bandedge:

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
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 ~ 3 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. 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 have been tested, but only the worst data was recorded in the report.



For Radiate Spurious Emission (3 GHz ~ 18 GHz):

Note:

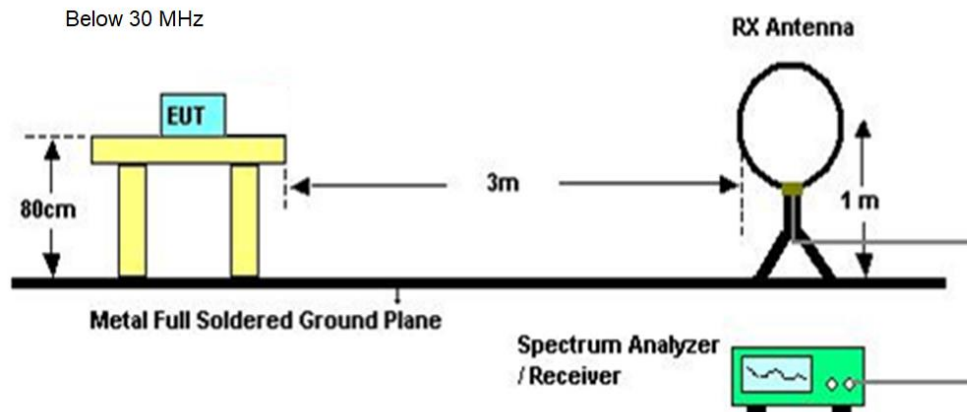
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes have been tested, but only the worst data was recorded in the report.
9. '\*-indicates frequency is out of the restricted bands and the limit is 68.2dBuV/m'

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

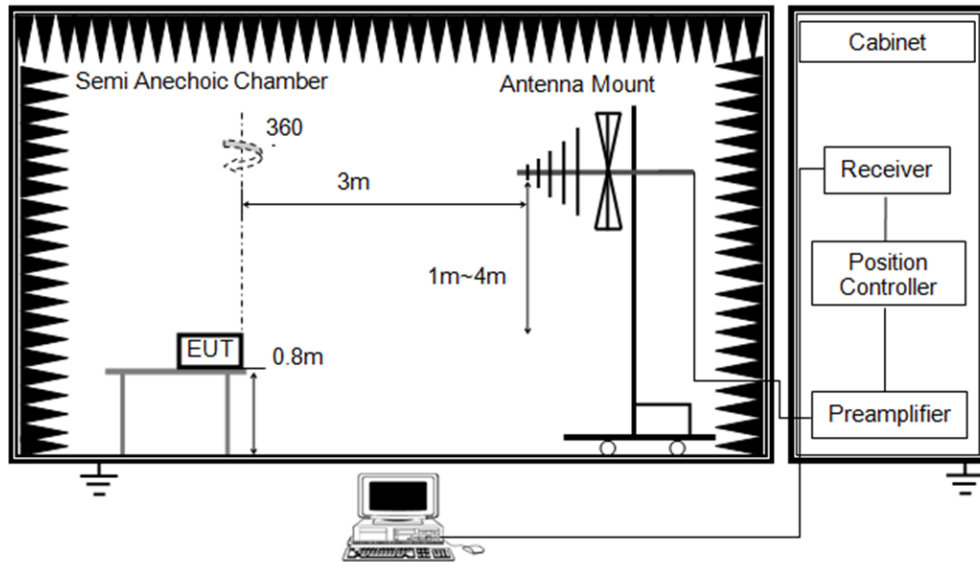
Note:

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

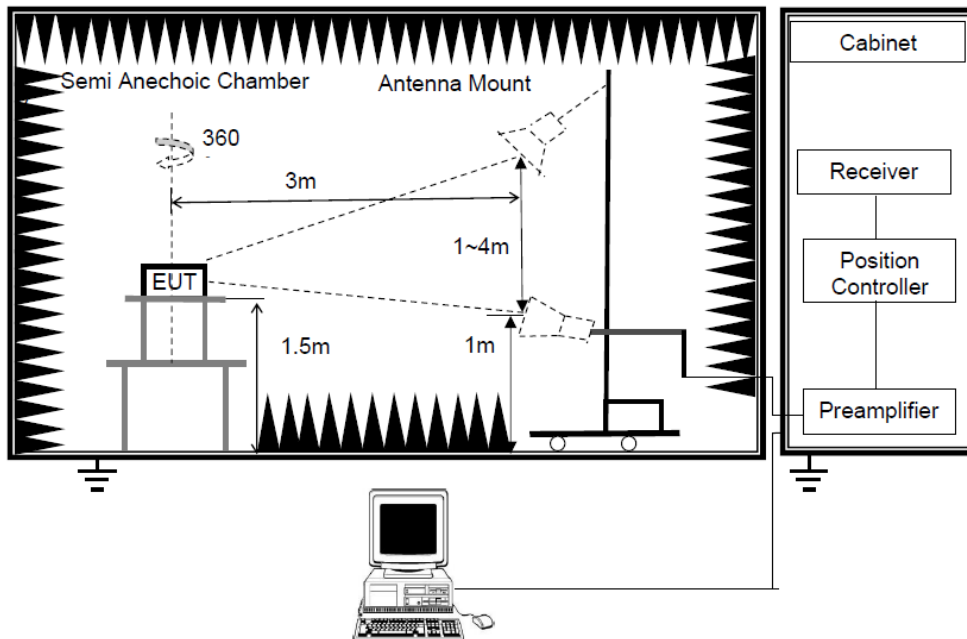
## **TEST SETUP**



Below 1 GHz and above 30 MHz



Above 1GHz



## TEST ENVIRONMENT

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

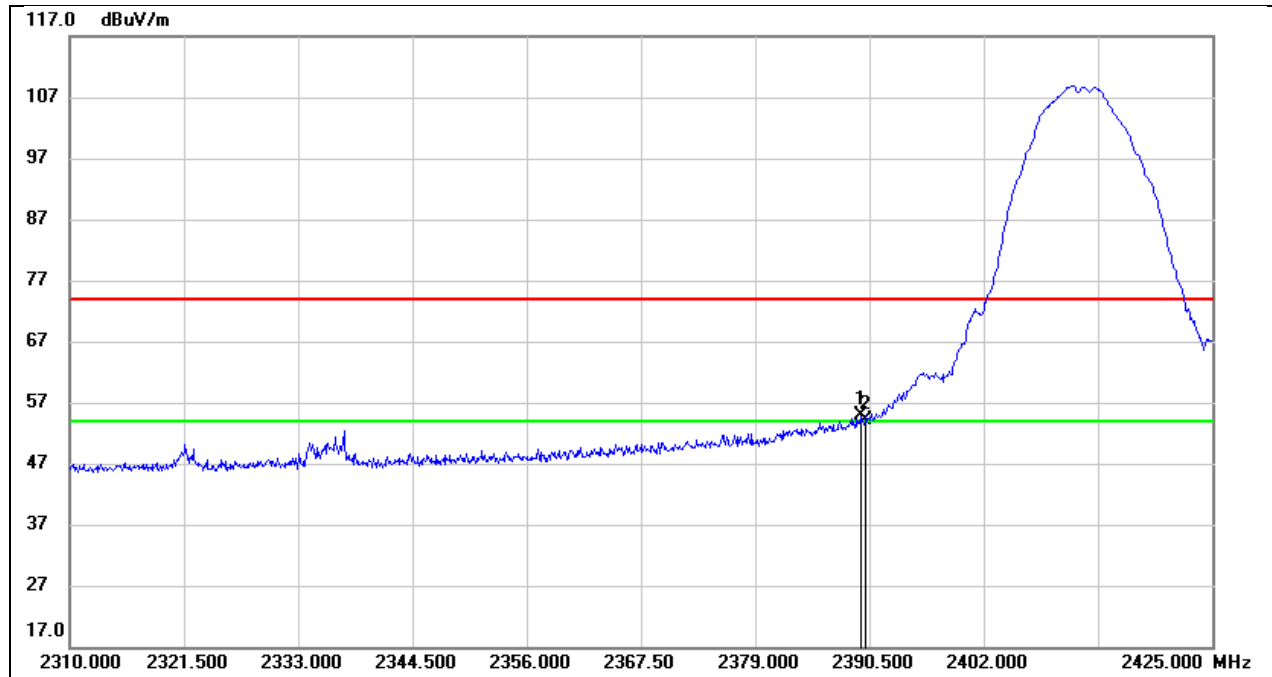
## TEST DATE / ENGINEER

Test Date	November 9, 2024	Test By	Mason Wang
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## TEST RESULTS-SU mode

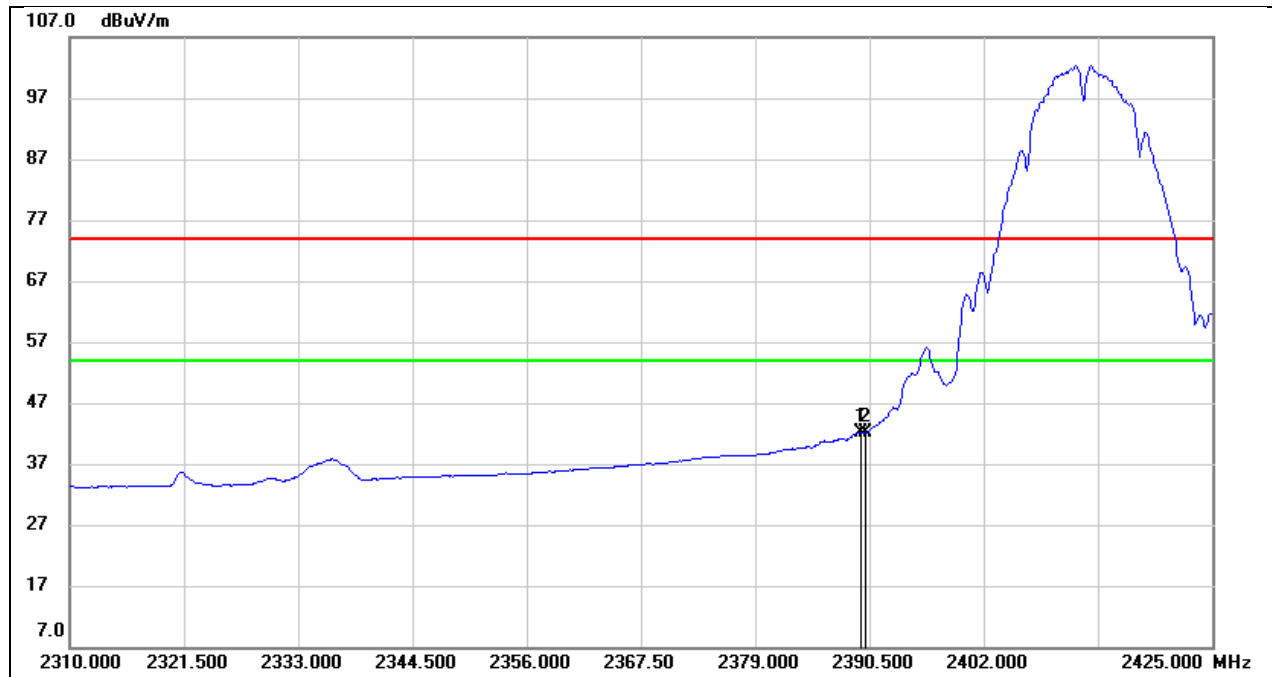
### 8.1. RESTRICTED BANDEDGE

Test Mode:	802.11b PK	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



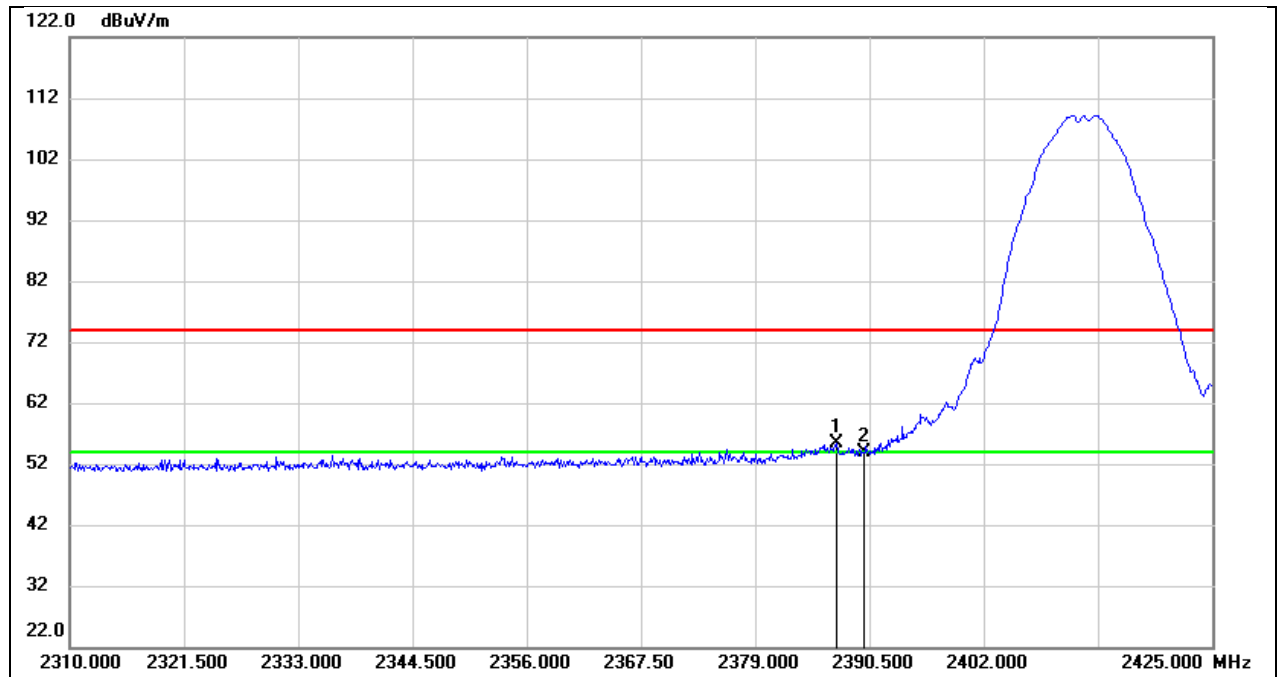
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.580	23.27	31.73	55.00	74.00	-19.00	peak
2	2390.000	22.42	31.73	54.15	74.00	-19.85	peak

Test Mode:	802.11b AV	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



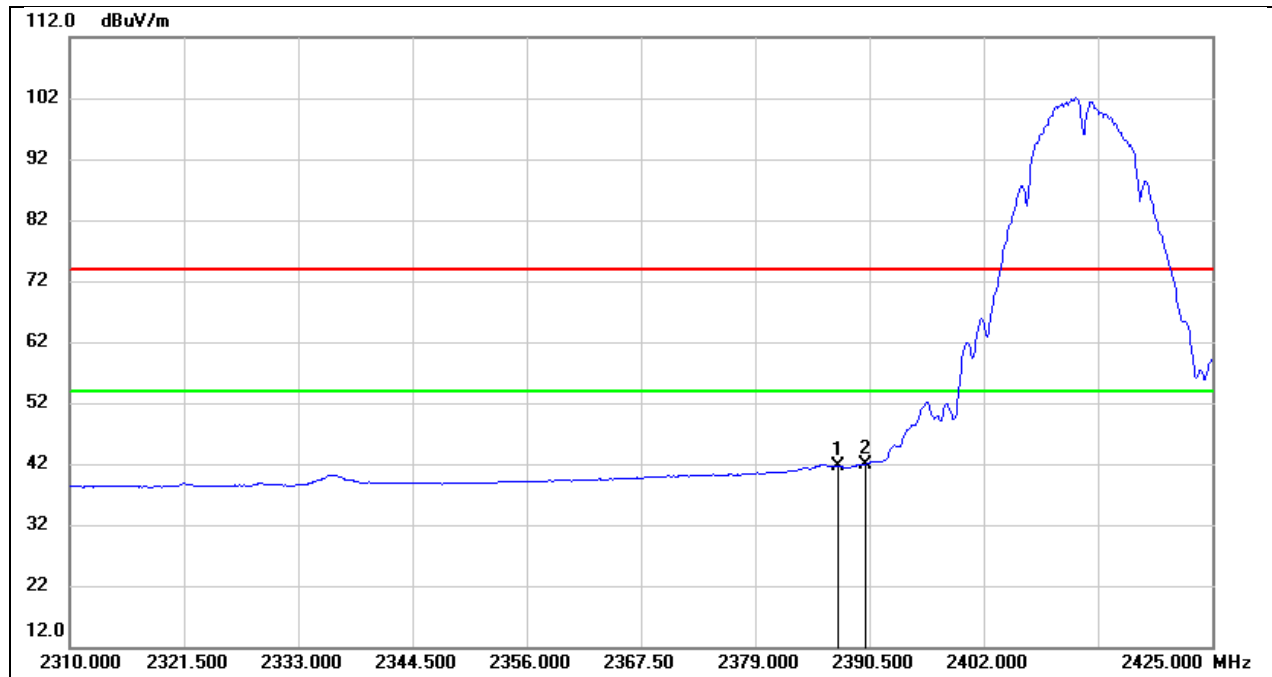
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.580	10.47	31.73	42.20	54.00	-11.80	AVG
2	2390.000	10.45	31.73	42.18	54.00	-11.82	AVG

Test Mode:	802.11b PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



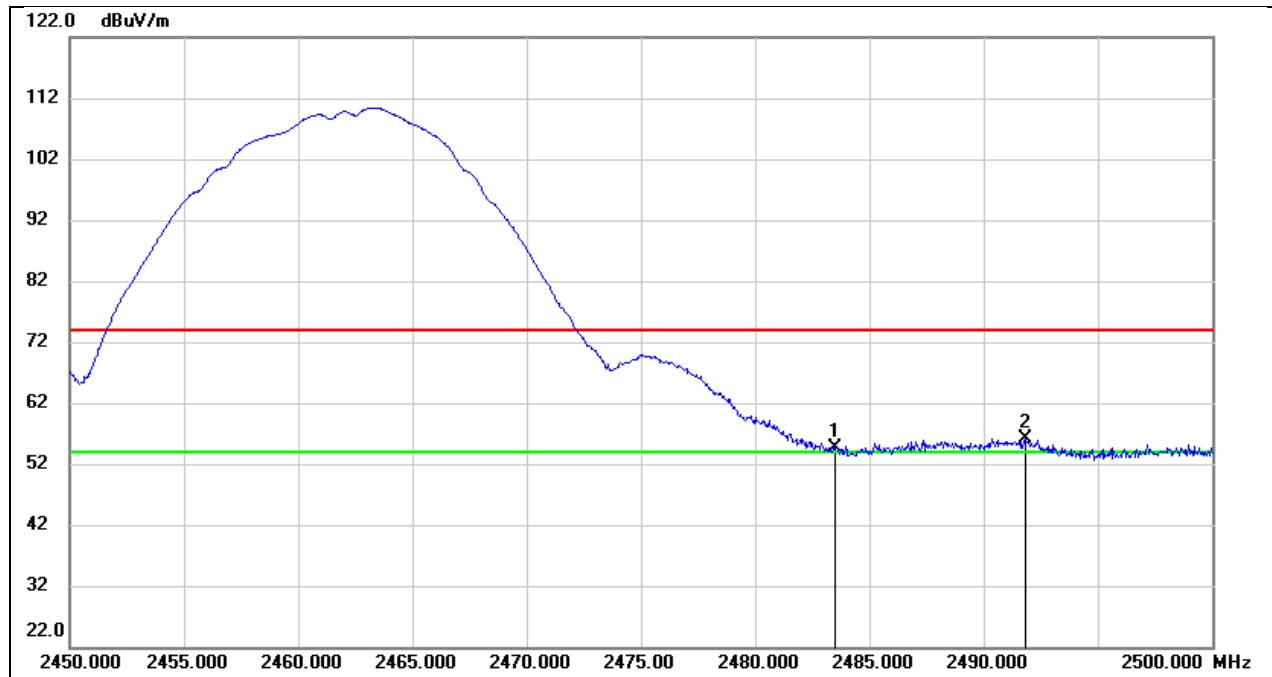
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.165	22.75	32.55	55.30	74.00	-18.70	peak
2	2390.000	21.29	32.55	53.84	74.00	-20.16	peak

Test Mode:	802.11b AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



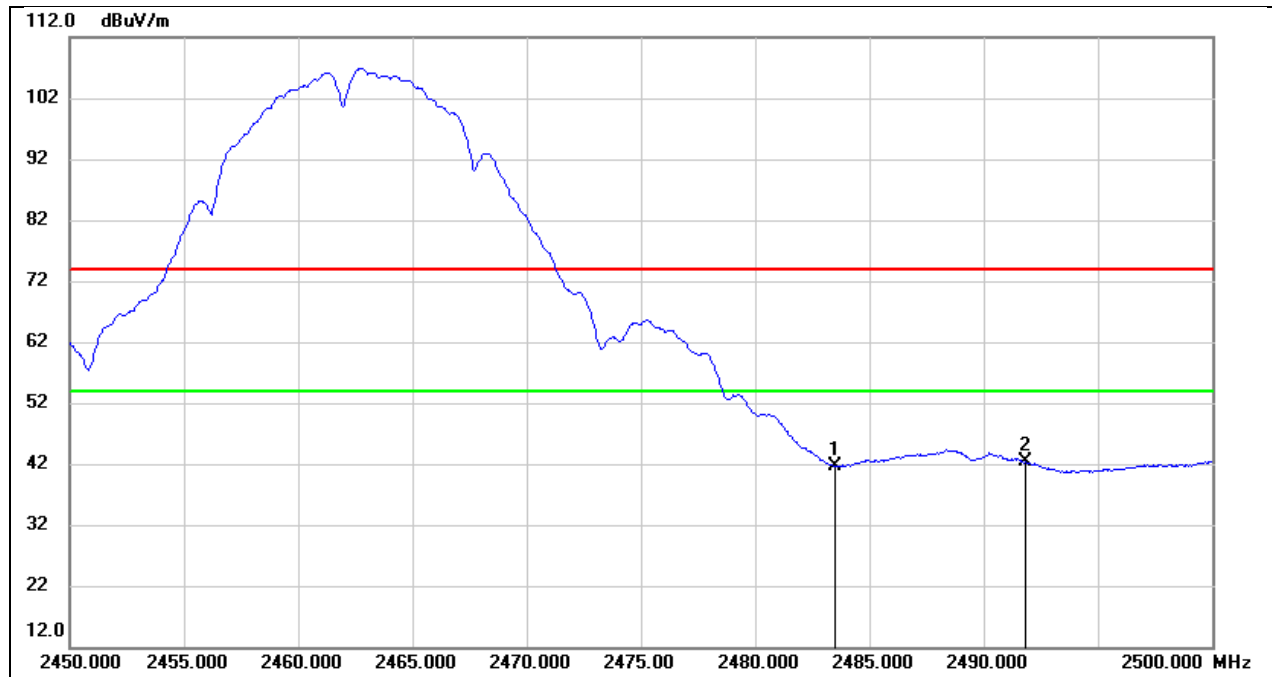
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.165	9.16	32.55	41.71	54.00	-12.29	AVG
2	2390.000	9.45	32.55	42.00	54.00	-12.00	AVG

Test Mode:	802.11b PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	21.72	32.80	54.52	74.00	-19.48	peak
2	2491.850	23.42	32.82	56.24	74.00	-17.76	peak

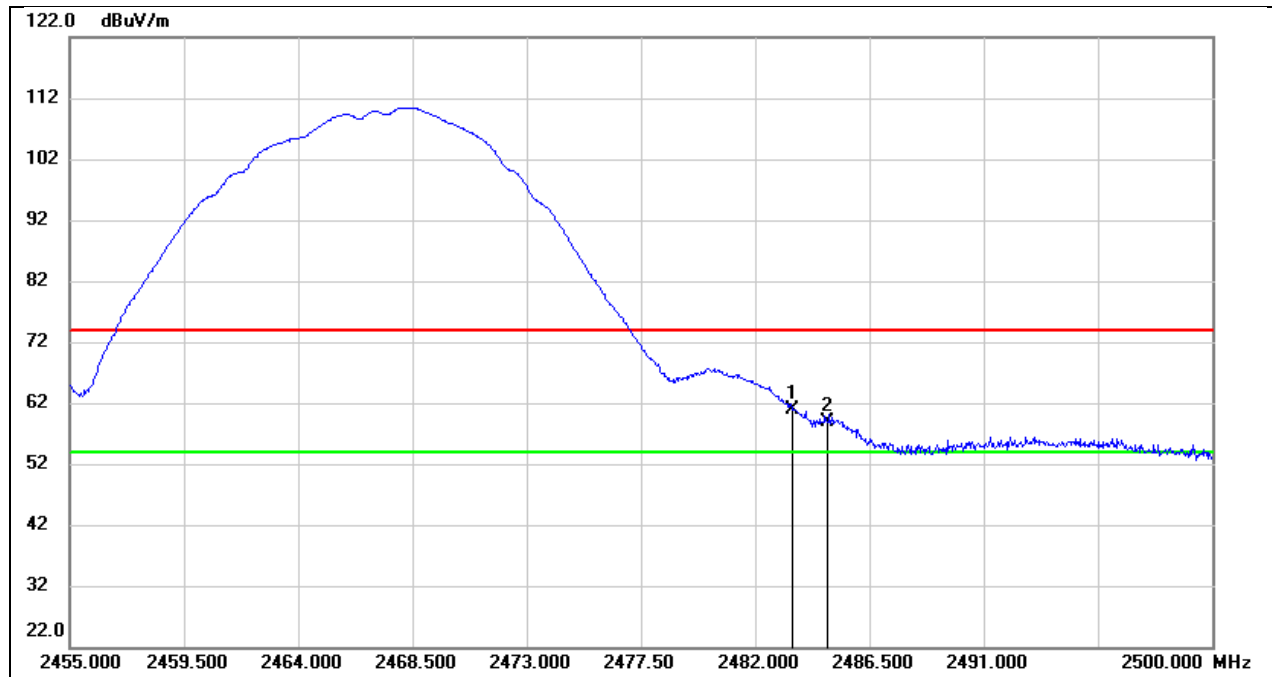
Test Mode:	802.11b AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	8.83	32.80	41.63	54.00	-12.37	AVG
2	2491.850	9.45	32.82	42.27	54.00	-11.73	AVG

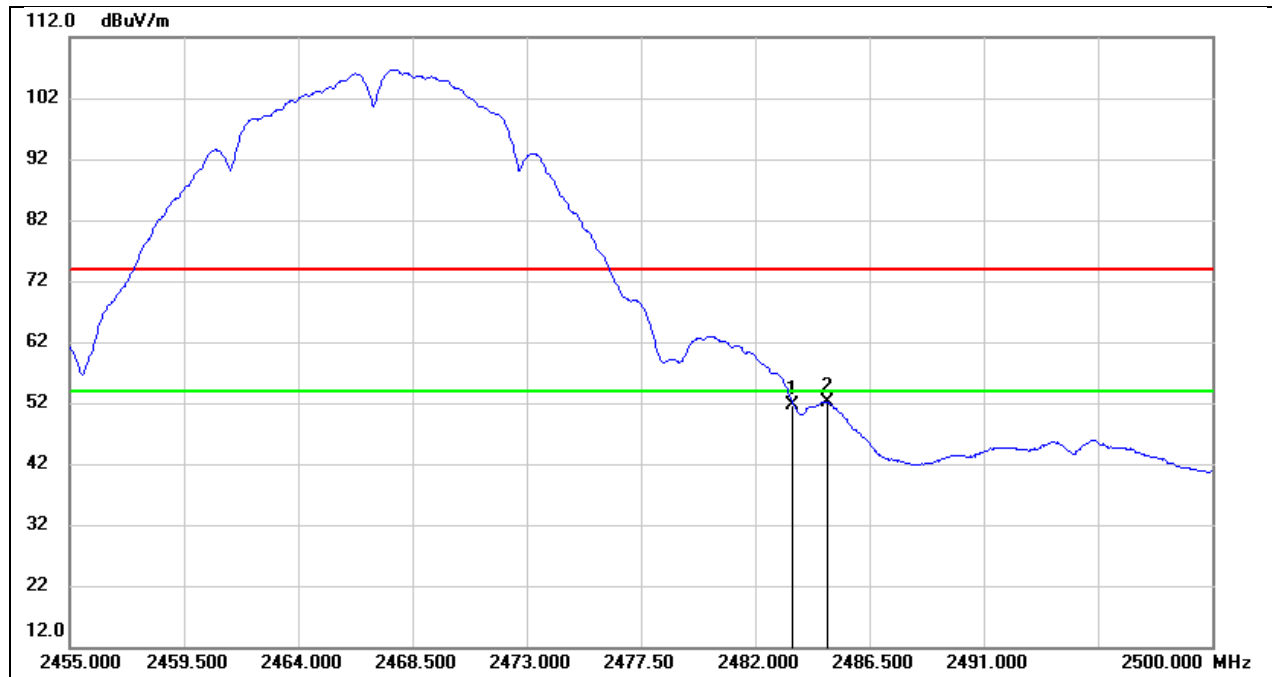


Test Mode:	802.11b PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



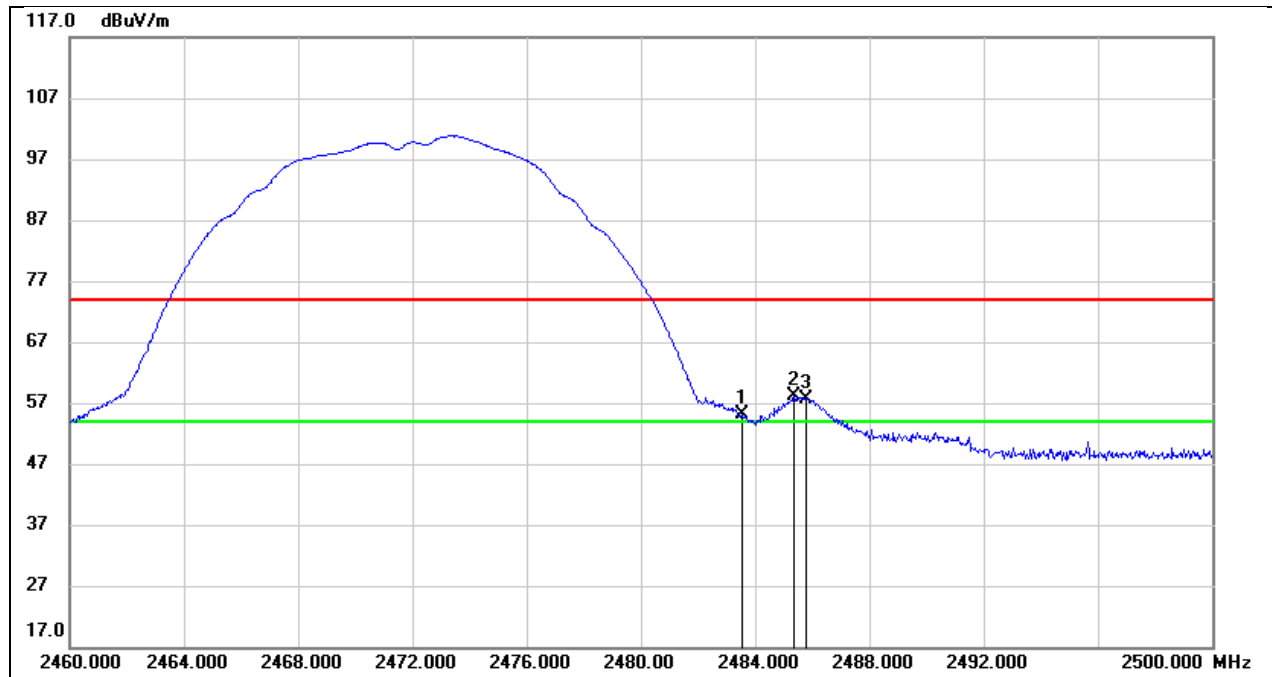
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	28.02	32.80	60.82	74.00	-13.18	peak
2	2484.835	26.06	32.80	58.86	74.00	-15.14	peak

Test Mode:	802.11b AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



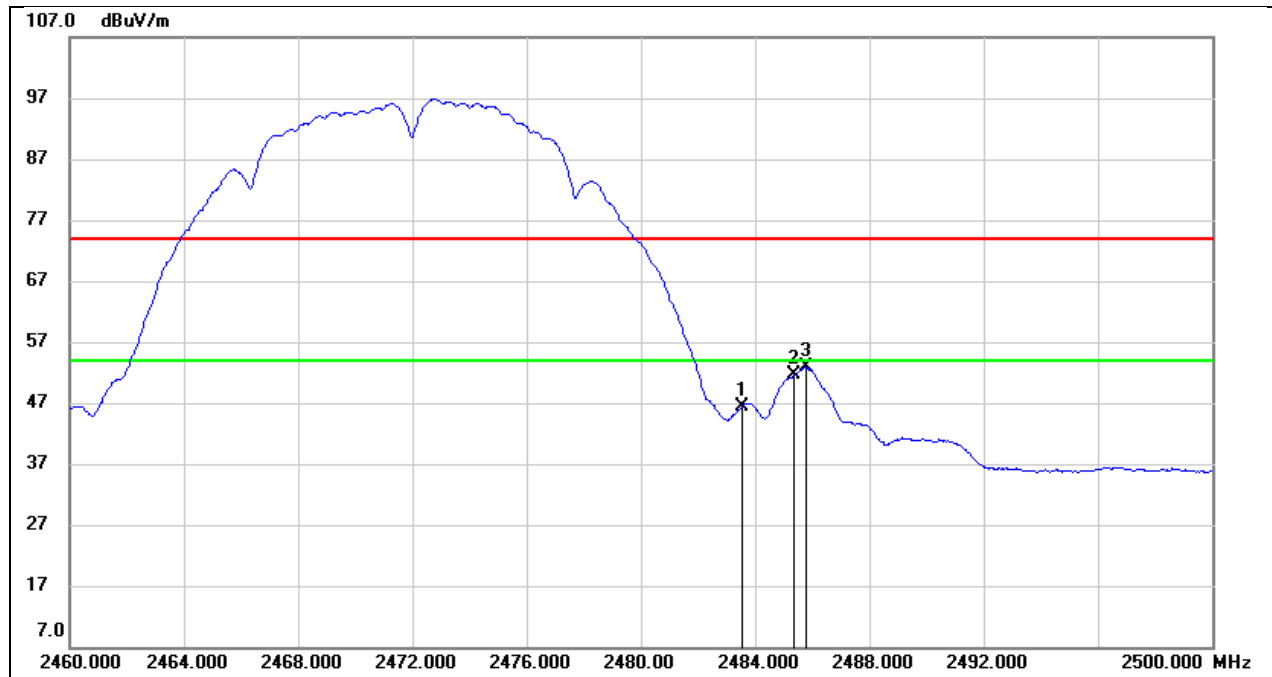
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	18.81	32.80	51.61	54.00	-2.39	AVG
2	2484.835	19.38	32.80	52.18	54.00	-1.82	AVG

Test Mode:	802.11b PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



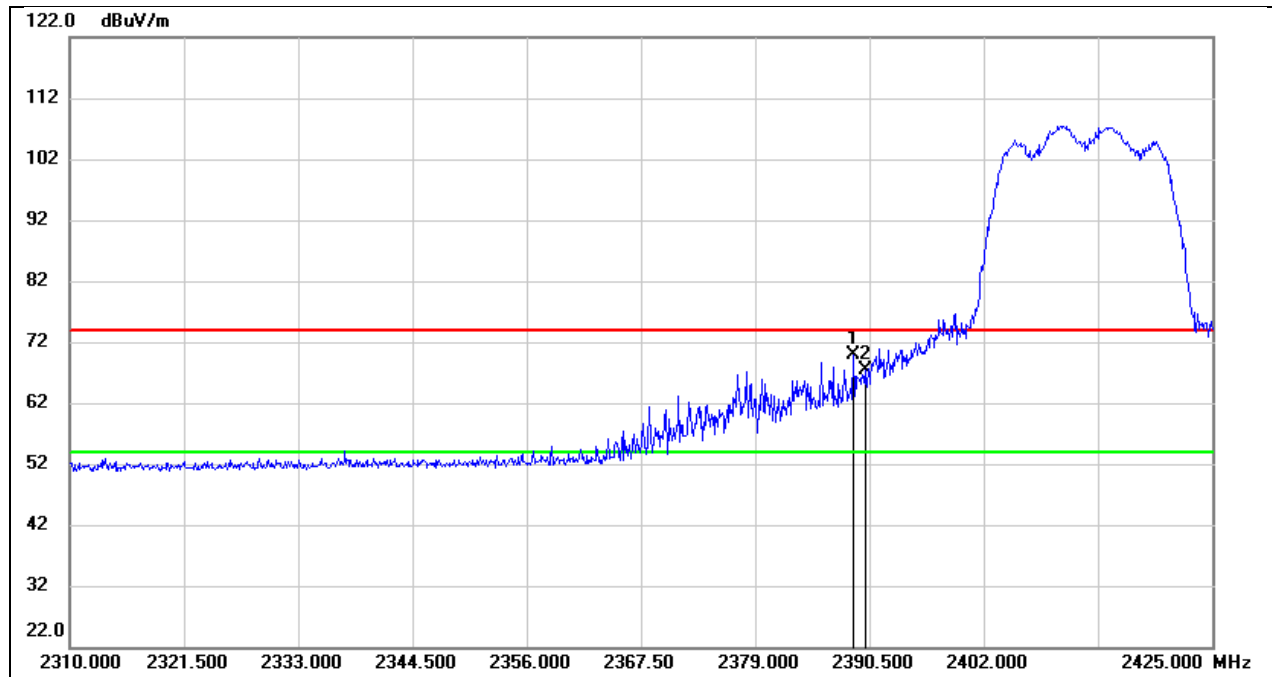
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	22.25	32.80	55.05	74.00	-18.95	peak
2	2485.360	25.27	32.80	58.07	74.00	-15.93	peak
3	2485.760	24.75	32.80	57.55	74.00	-16.45	peak

Test Mode:	802.11b AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



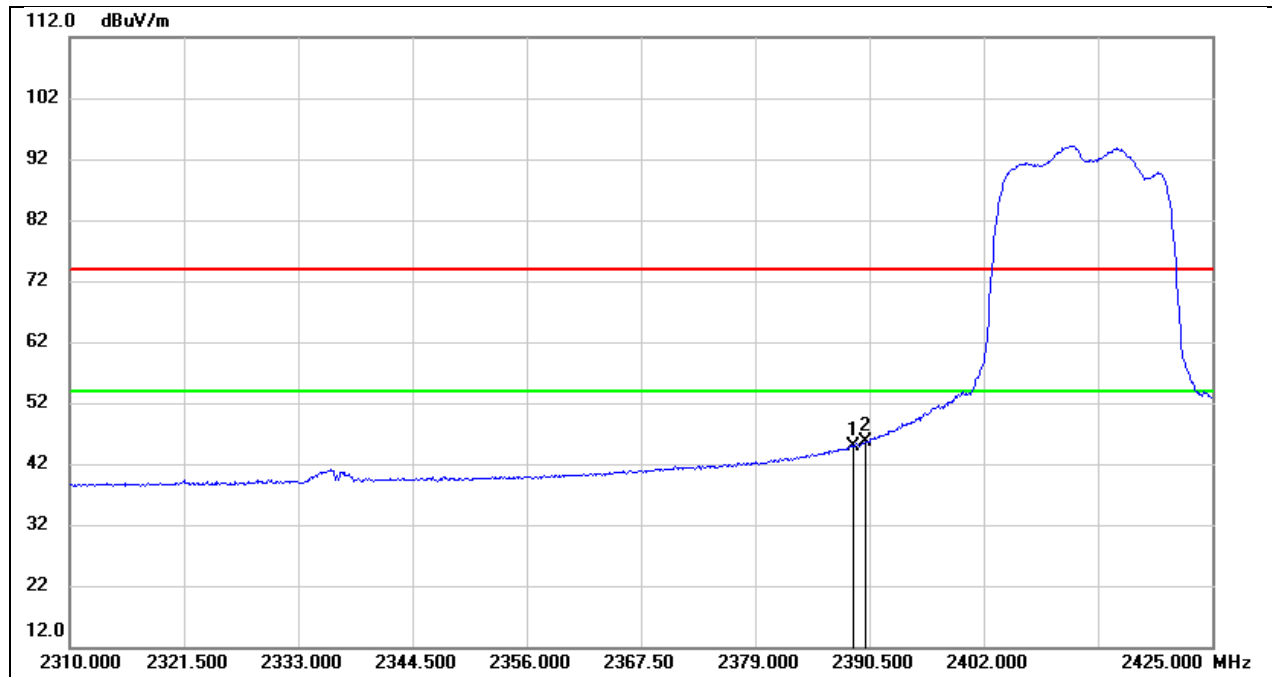
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	13.55	32.80	46.35	54.00	-7.65	AVG
2	2485.360	18.76	32.80	51.56	54.00	-2.44	AVG
3	2485.760	20.05	32.80	52.85	54.00	-1.15	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



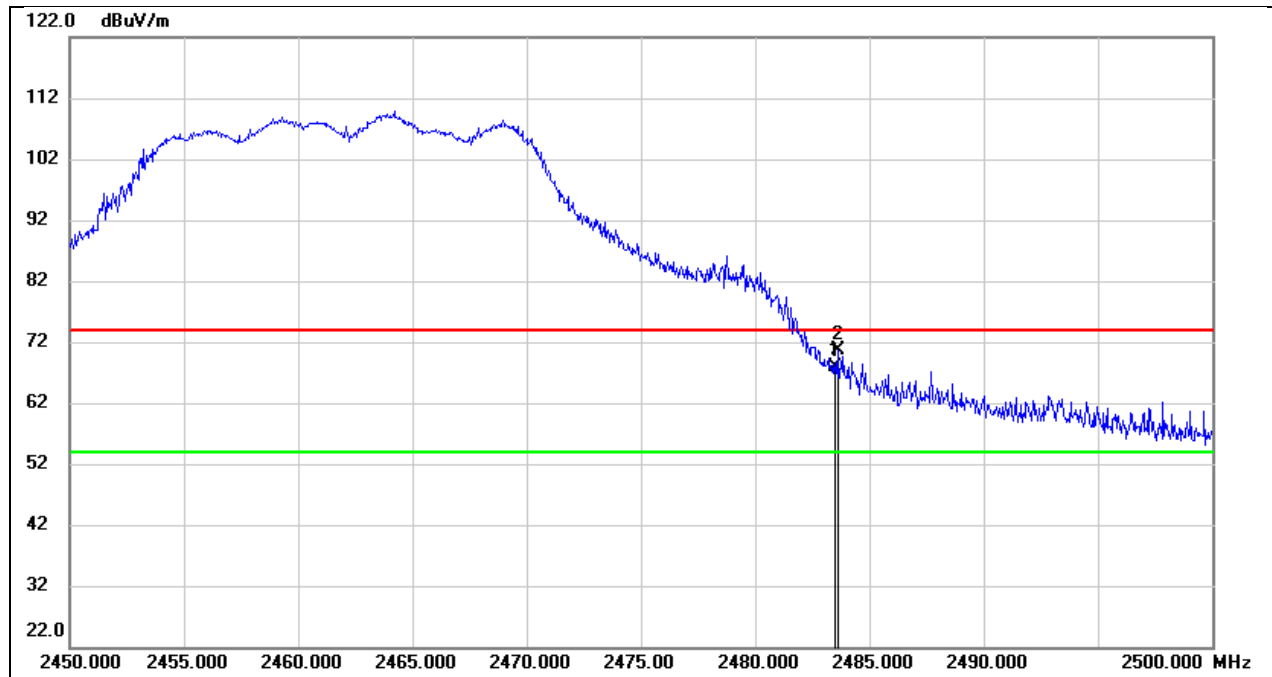
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.890	37.25	32.55	69.80	74.00	-4.20	peak
2	2390.000	34.81	32.55	67.36	74.00	-6.64	peak

Test Mode:	802.11g AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



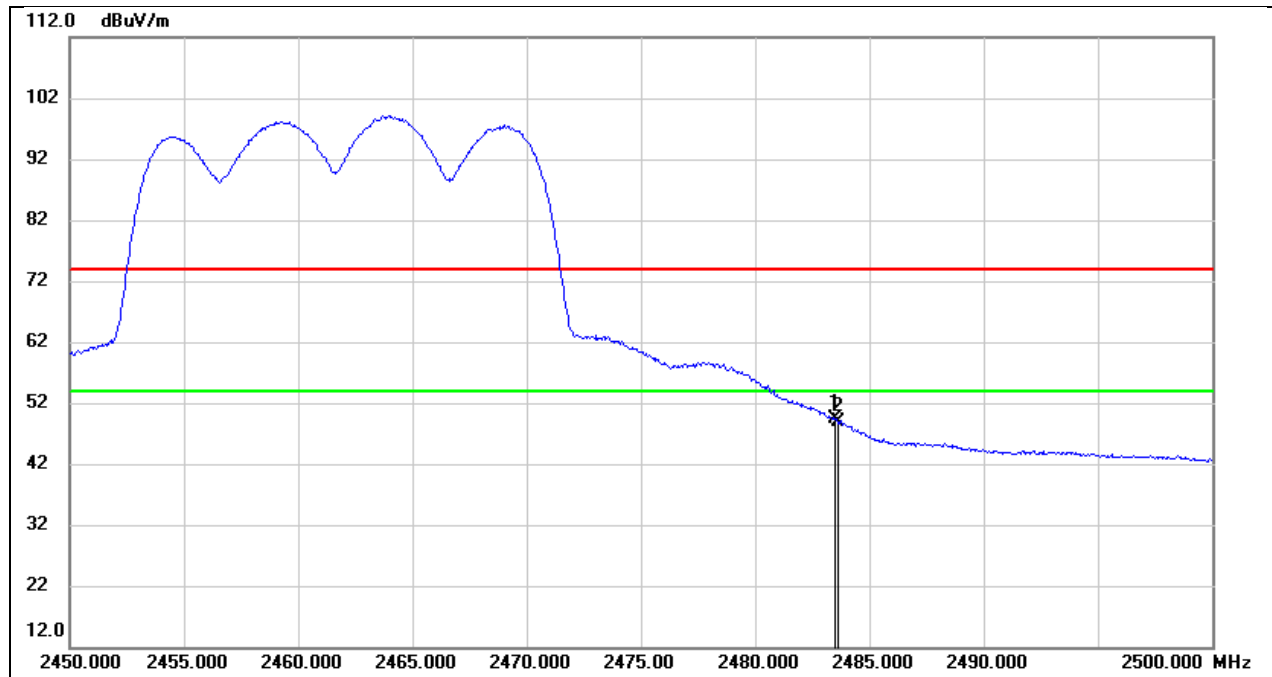
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.890	12.44	32.55	44.99	54.00	-9.01	AVG
2	2390.000	13.09	32.55	45.64	54.00	-8.36	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	35.13	32.80	67.93	74.00	-6.07	peak
2	2483.600	37.79	32.80	70.59	74.00	-3.41	peak

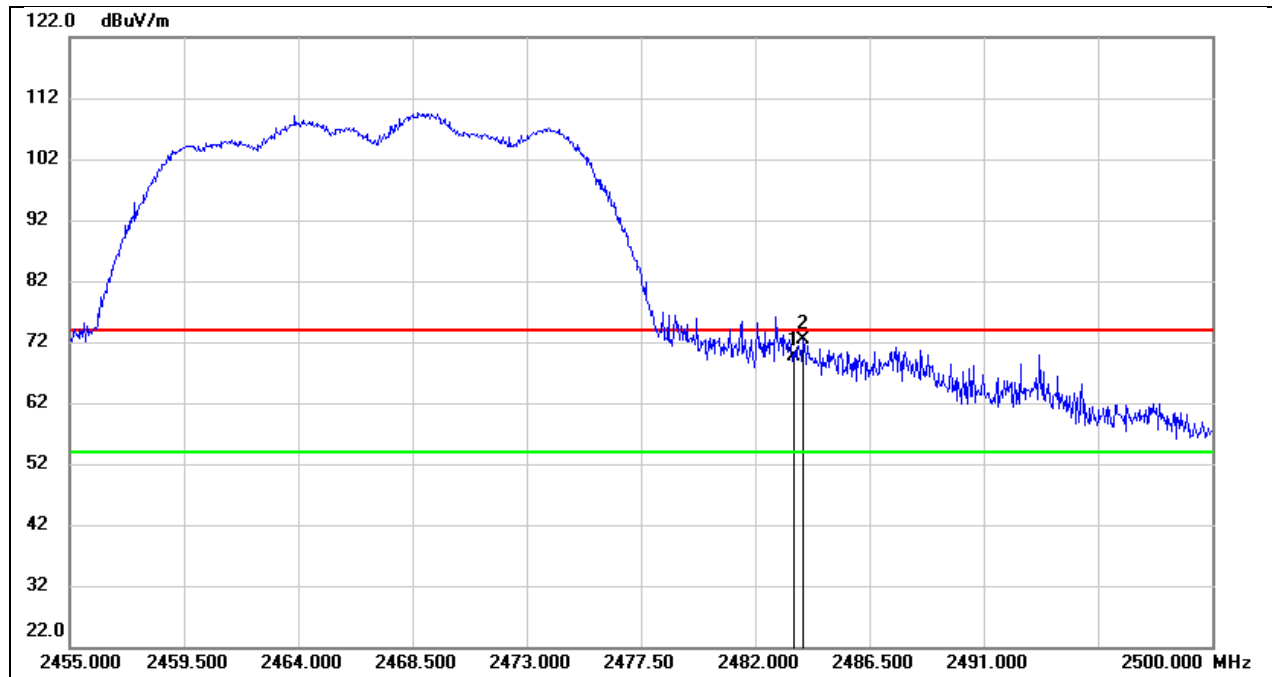
Test Mode:	802.11g AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	16.47	32.80	49.27	54.00	-4.73	AVG
2	2483.600	16.13	32.80	48.93	54.00	-5.07	AVG

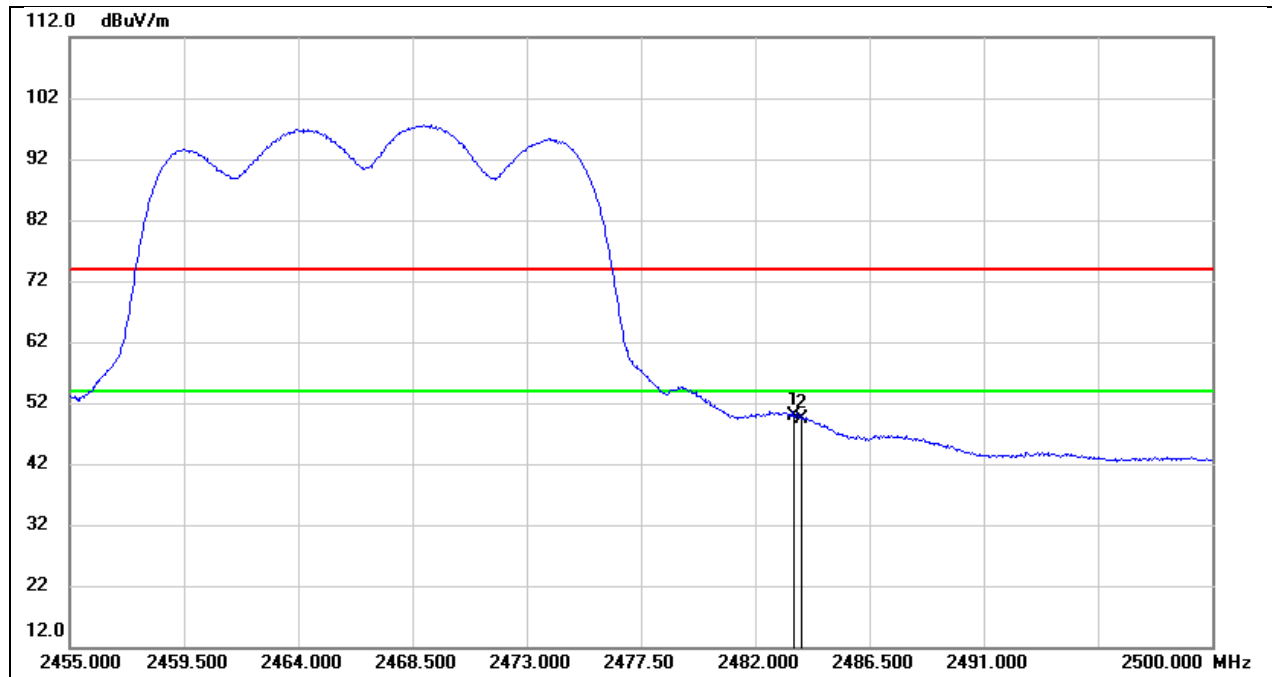


Test Mode:	802.11g PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



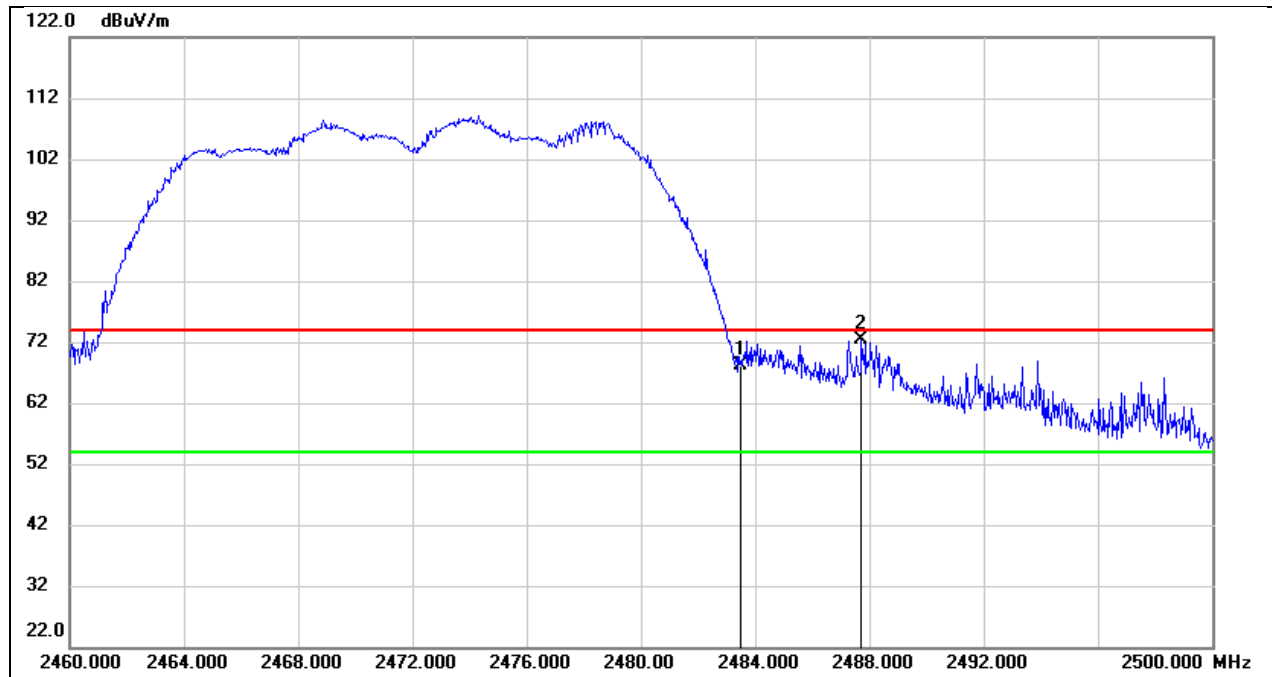
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	36.90	32.80	69.70	74.00	-4.30	peak
2	2483.890	39.52	32.80	72.32	74.00	-1.68	peak

Test Mode:	802.11g AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



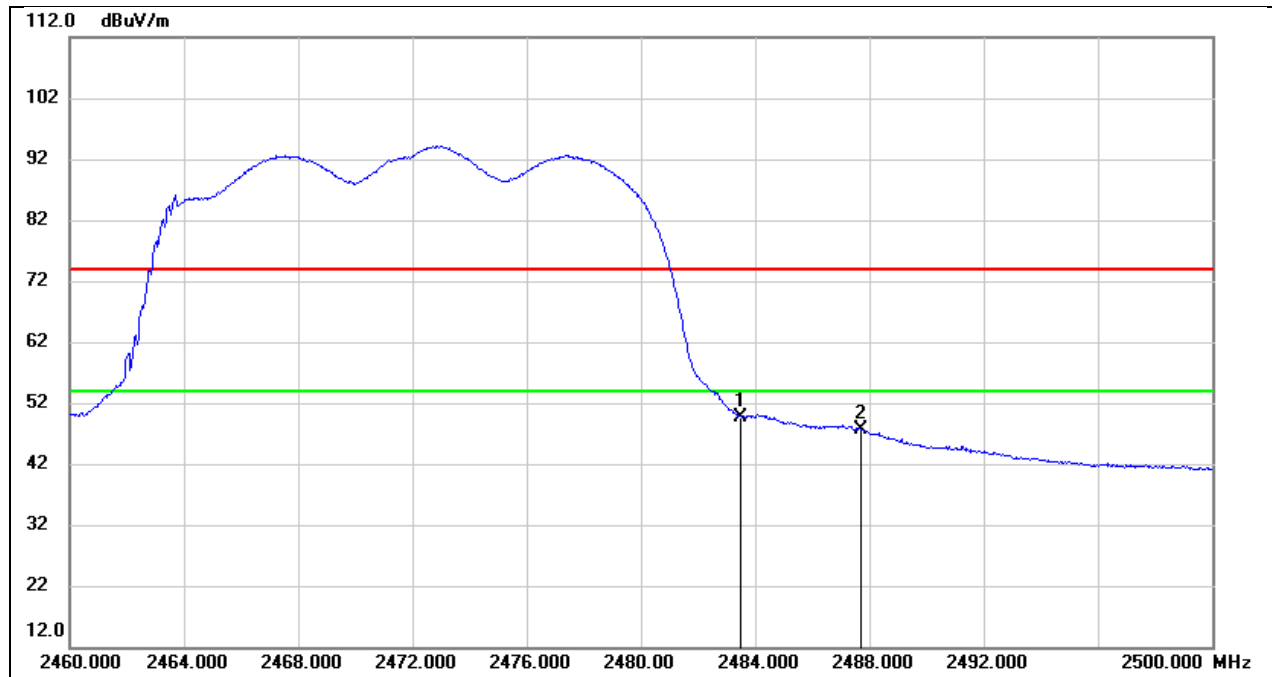
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	17.10	32.80	49.90	54.00	-4.10	AVG
2	2483.890	16.67	32.80	49.47	54.00	-4.53	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



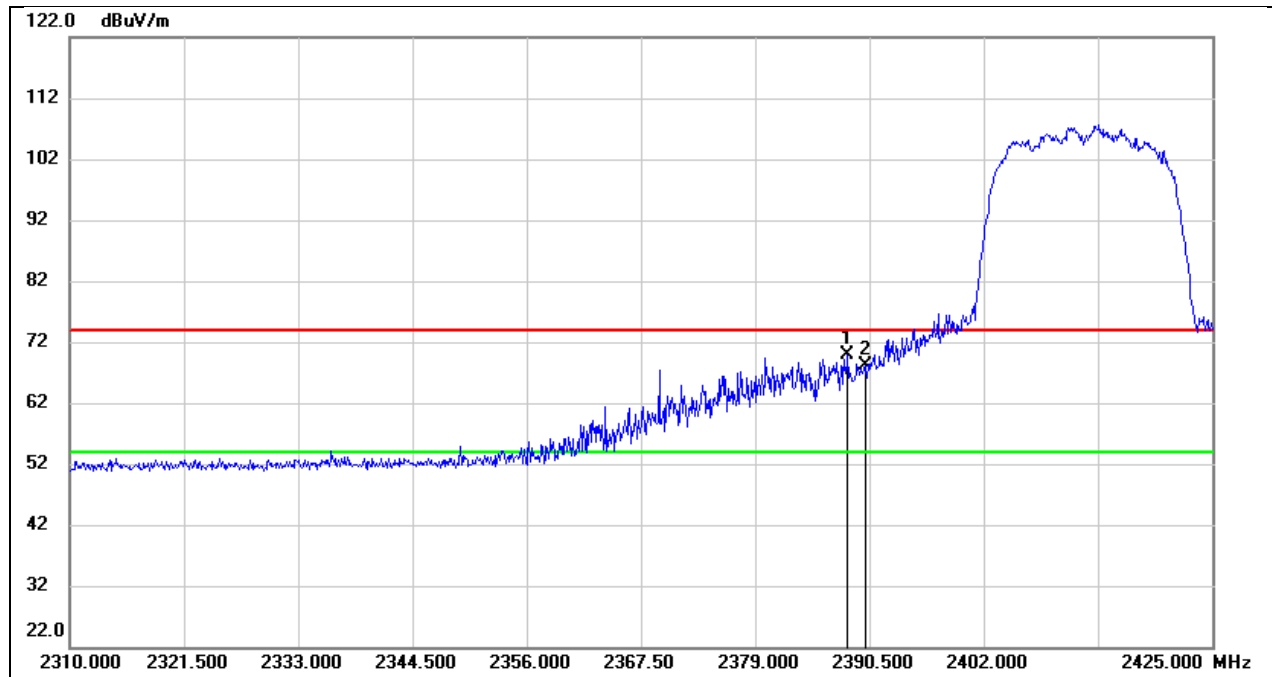
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	35.37	32.80	68.17	74.00	-5.83	peak
2	2487.720	39.67	32.81	72.48	74.00	-1.52	peak

Test Mode:	802.11g AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



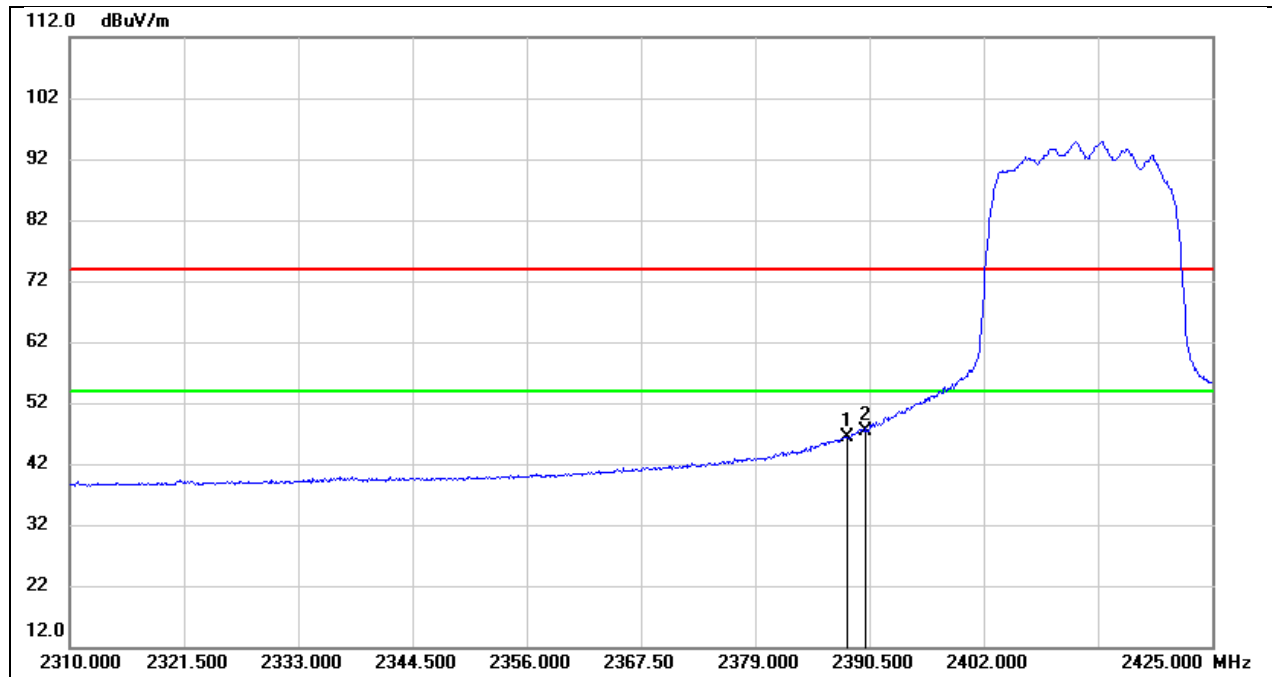
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	16.83	32.80	49.63	54.00	-4.37	AVG
2	2487.720	14.82	32.81	47.63	54.00	-6.37	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



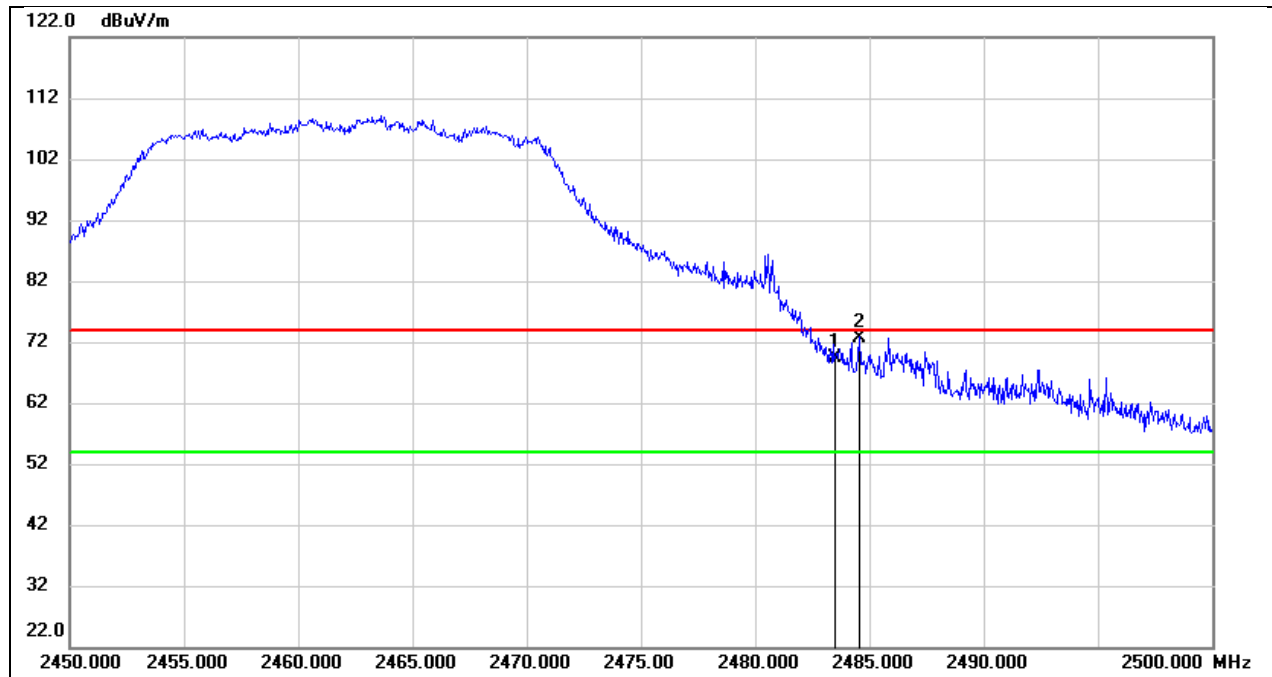
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.315	37.36	32.55	69.91	74.00	-4.09	peak
2	2390.000	35.69	32.55	68.24	74.00	-5.76	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



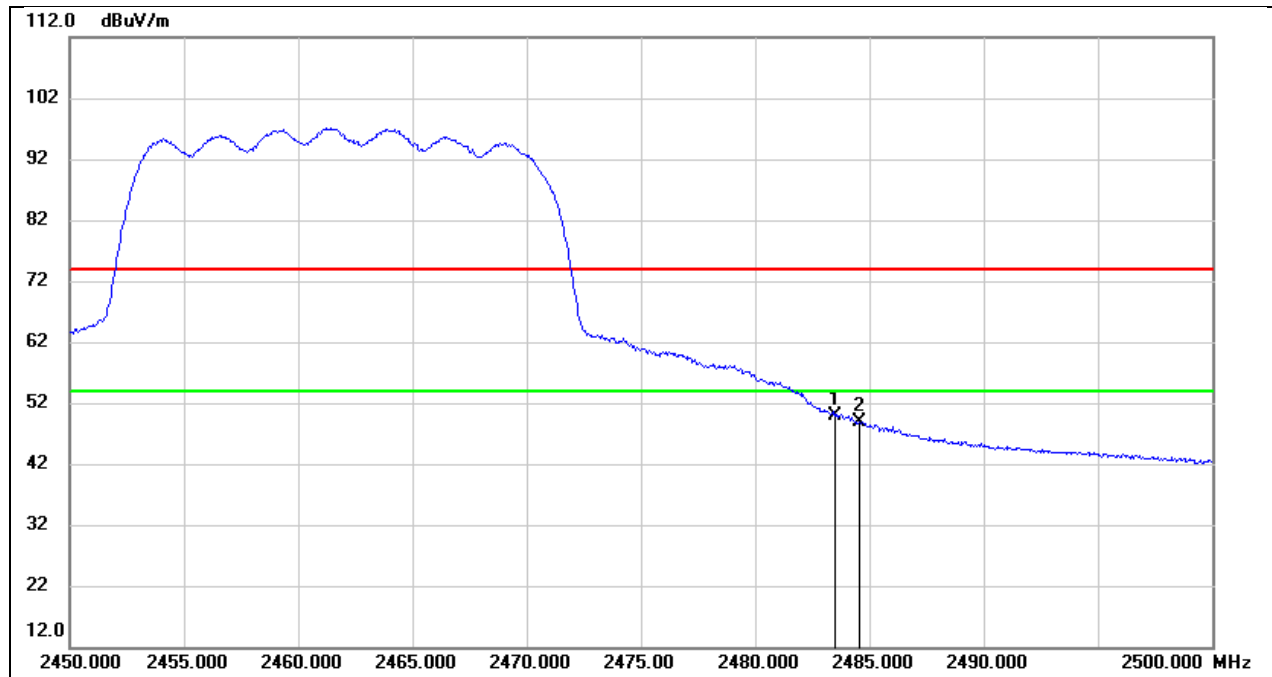
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.315	13.92	32.55	46.47	54.00	-7.53	AVG
2	2390.000	14.89	32.55	47.44	54.00	-6.56	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	36.49	32.80	69.29	74.00	-4.71	peak
2	2484.550	39.95	32.80	72.75	74.00	-1.25	peak

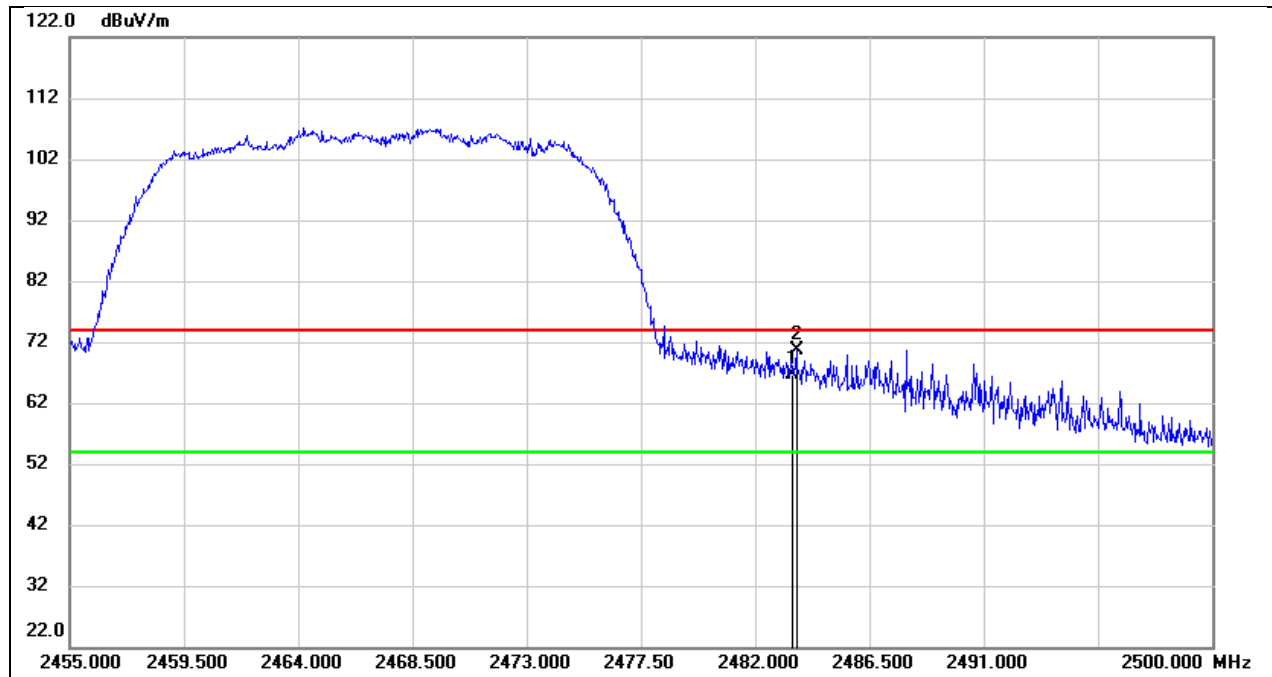
Test Mode:	802.11n HT20 AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	17.10	32.80	49.90	54.00	-4.10	AVG
2	2484.550	15.99	32.80	48.79	54.00	-5.21	AVG

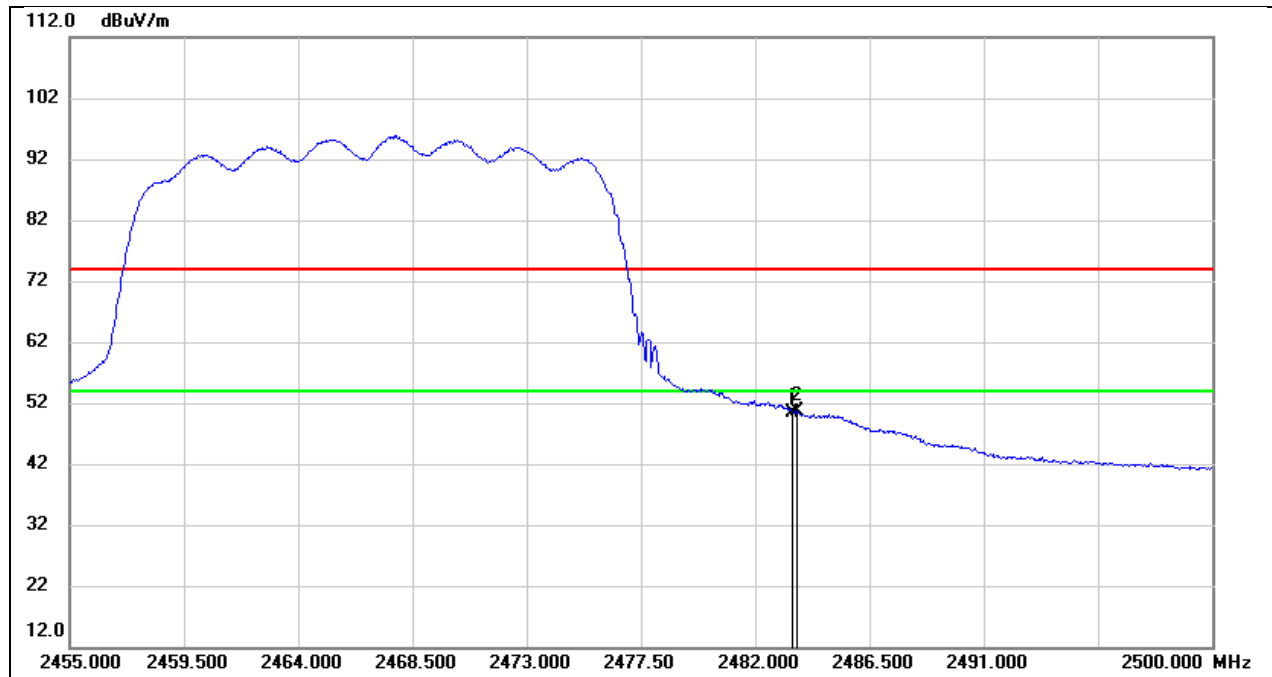


Test Mode:	802.11n HT20 PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



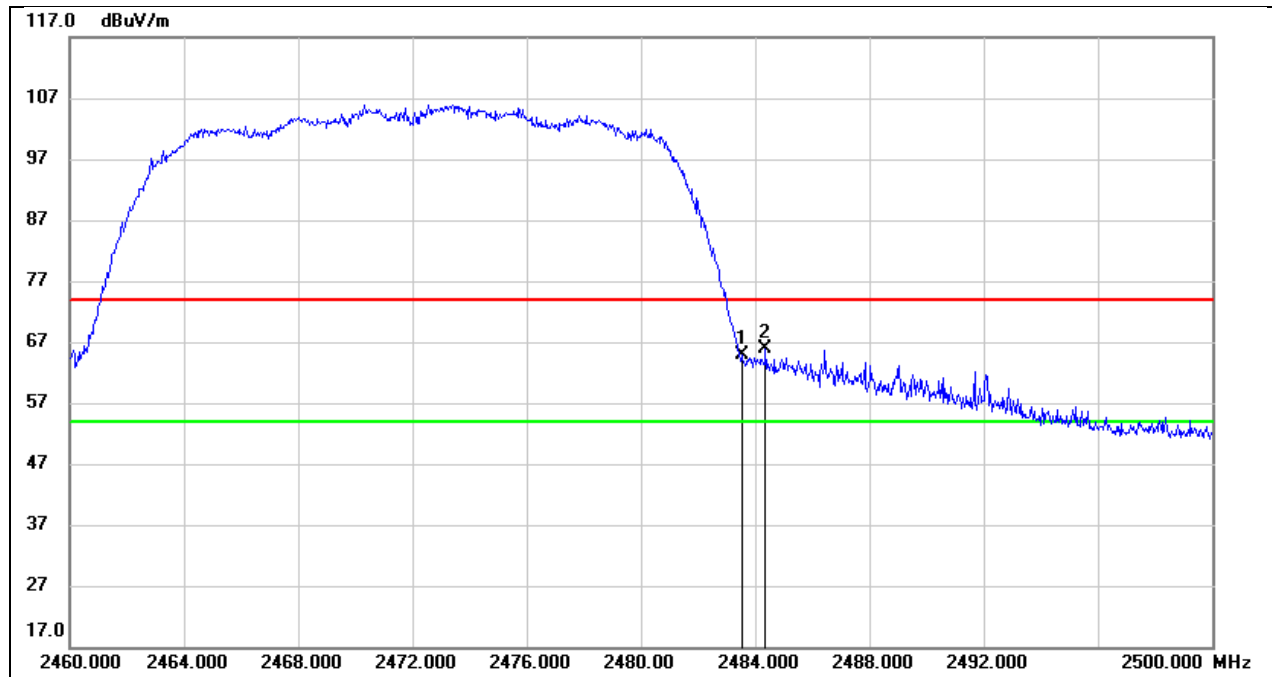
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	33.94	32.80	66.74	74.00	-7.26	peak
2	2483.620	37.89	32.80	70.69	74.00	-3.31	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



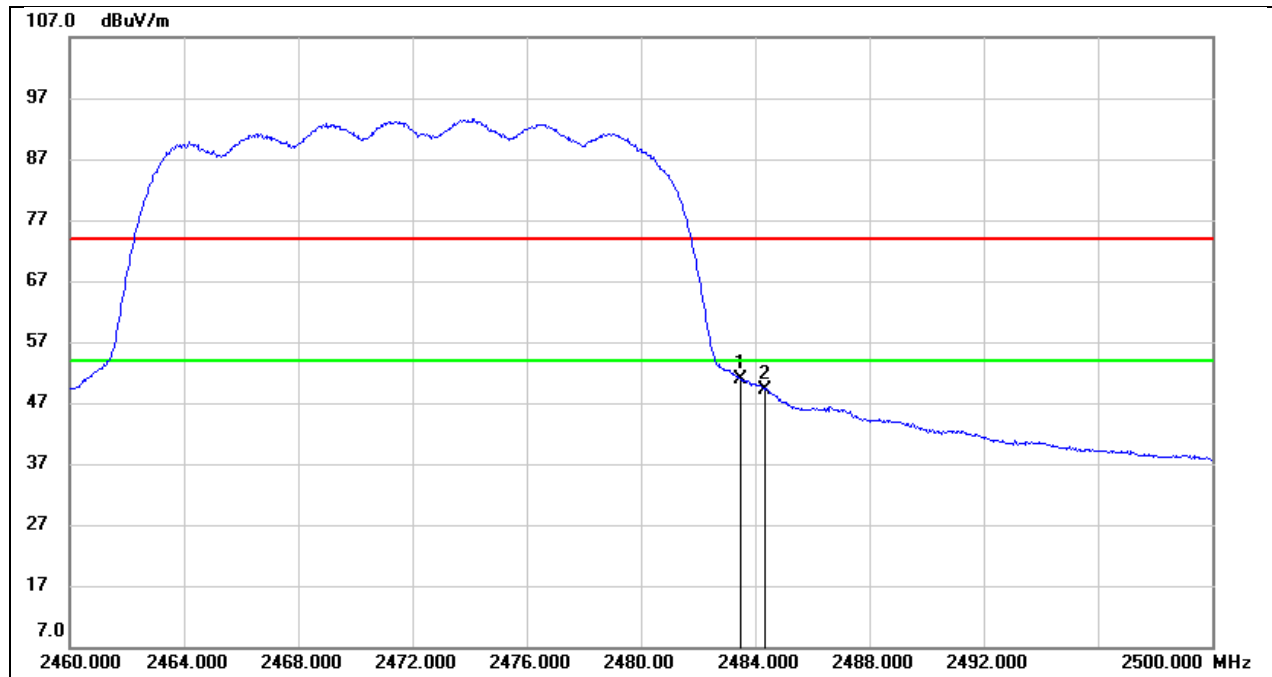
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	17.70	32.80	50.50	54.00	-3.50	AVG
2	2483.620	17.82	32.80	50.62	54.00	-3.38	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



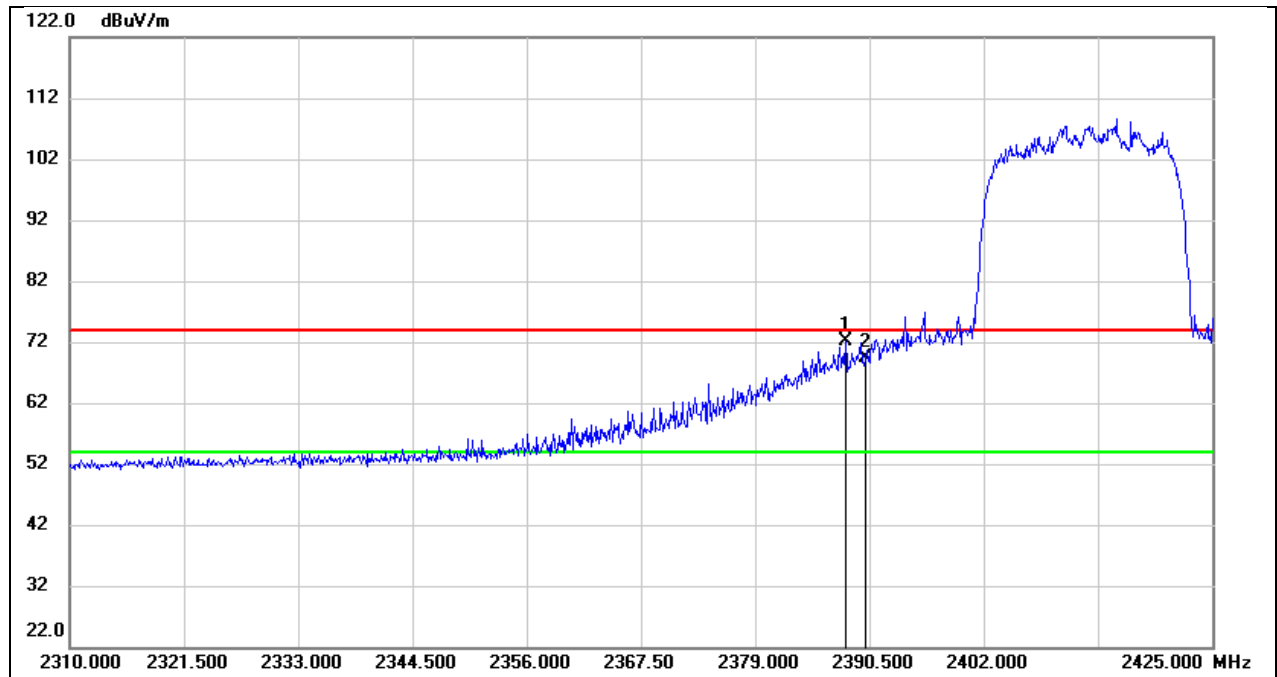
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	32.14	32.80	64.94	74.00	-9.06	peak
2	2484.360	33.18	32.80	65.98	74.00	-8.02	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



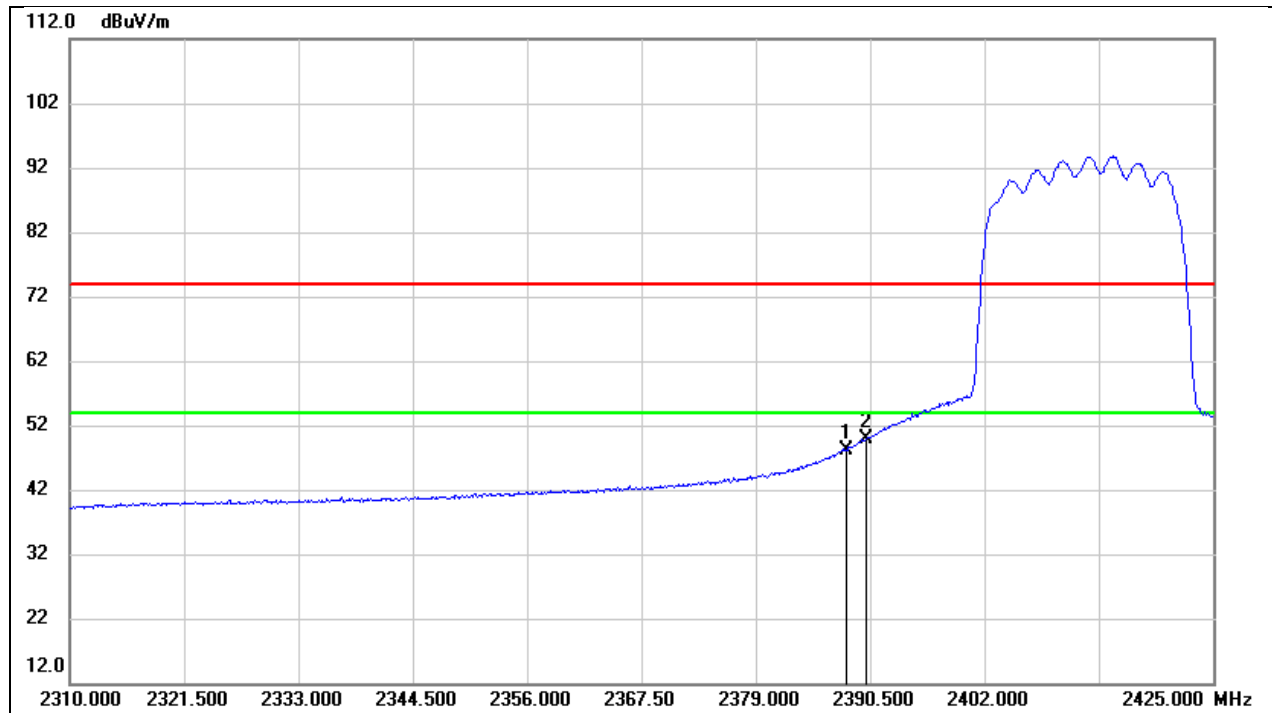
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	18.17	32.80	50.97	54.00	-3.03	AVG
2	2484.360	16.42	32.80	49.22	54.00	-4.78	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



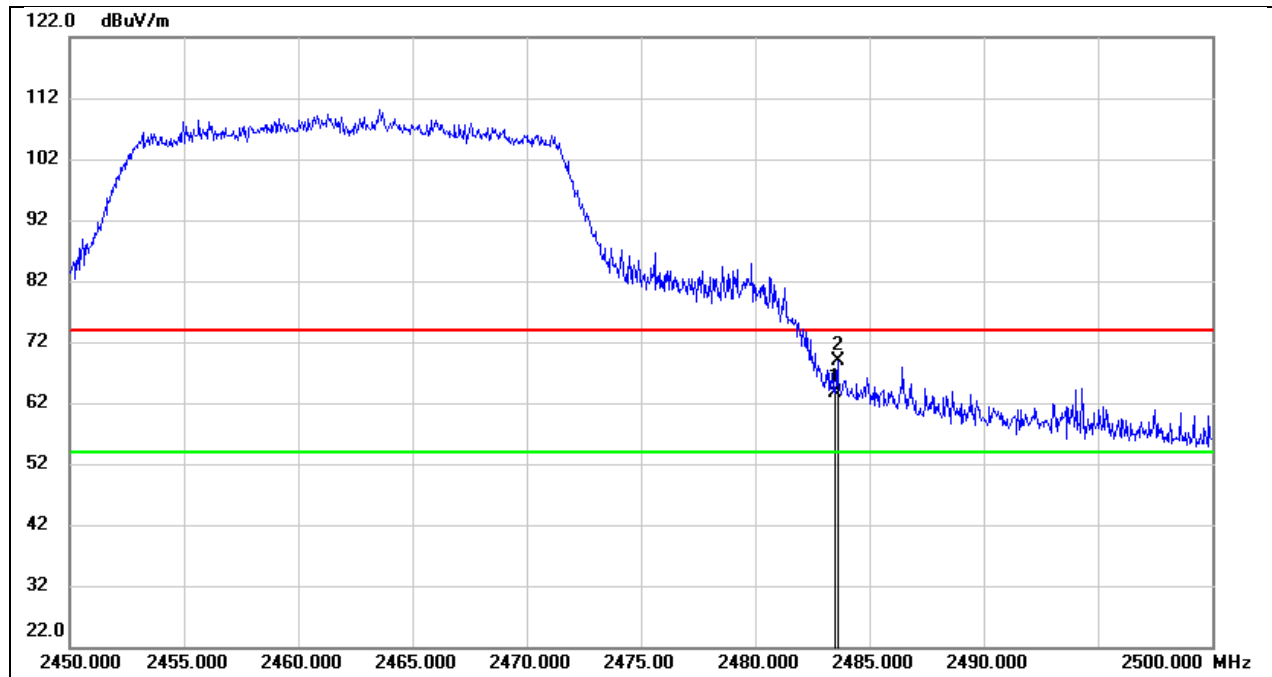
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.085	39.61	32.55	72.16	74.00	-1.84	peak
2	2390.000	36.79	32.55	69.34	74.00	-4.66	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



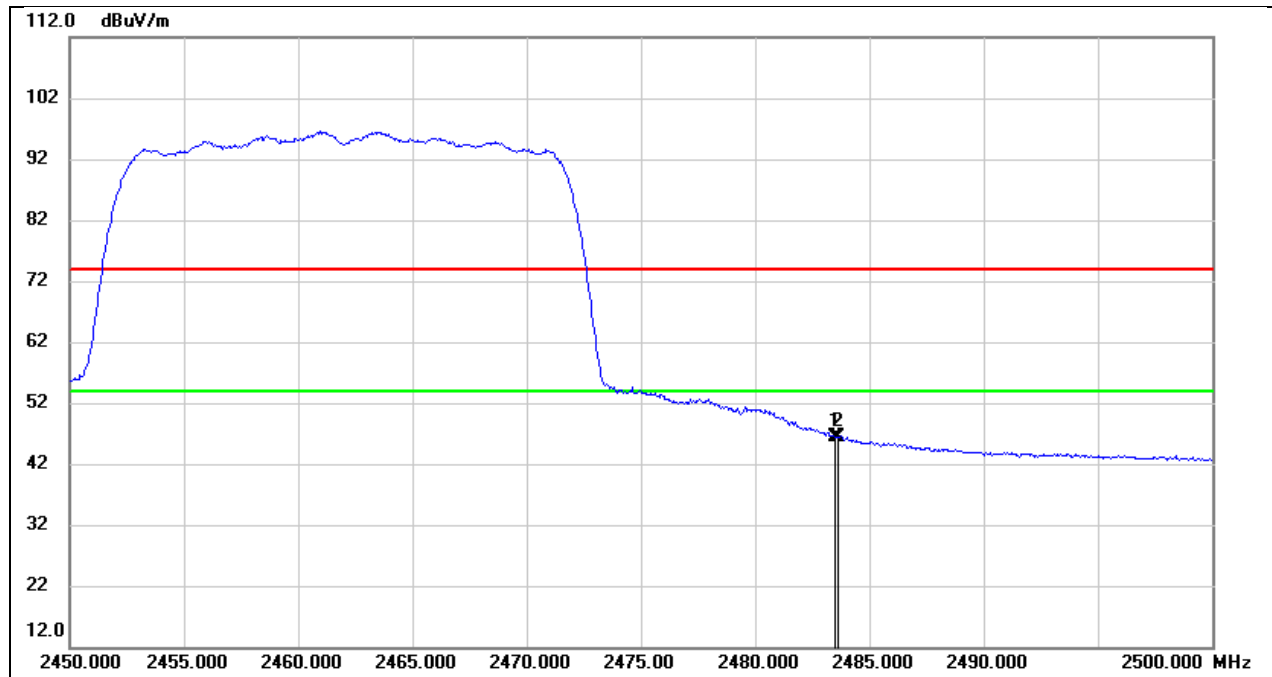
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.085	15.65	32.55	48.20	54.00	-5.80	AVG
2	2390.000	17.30	32.55	49.85	54.00	-4.15	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	30.89	32.80	63.69	74.00	-10.31	peak
2	2483.600	36.06	32.80	68.86	74.00	-5.14	peak

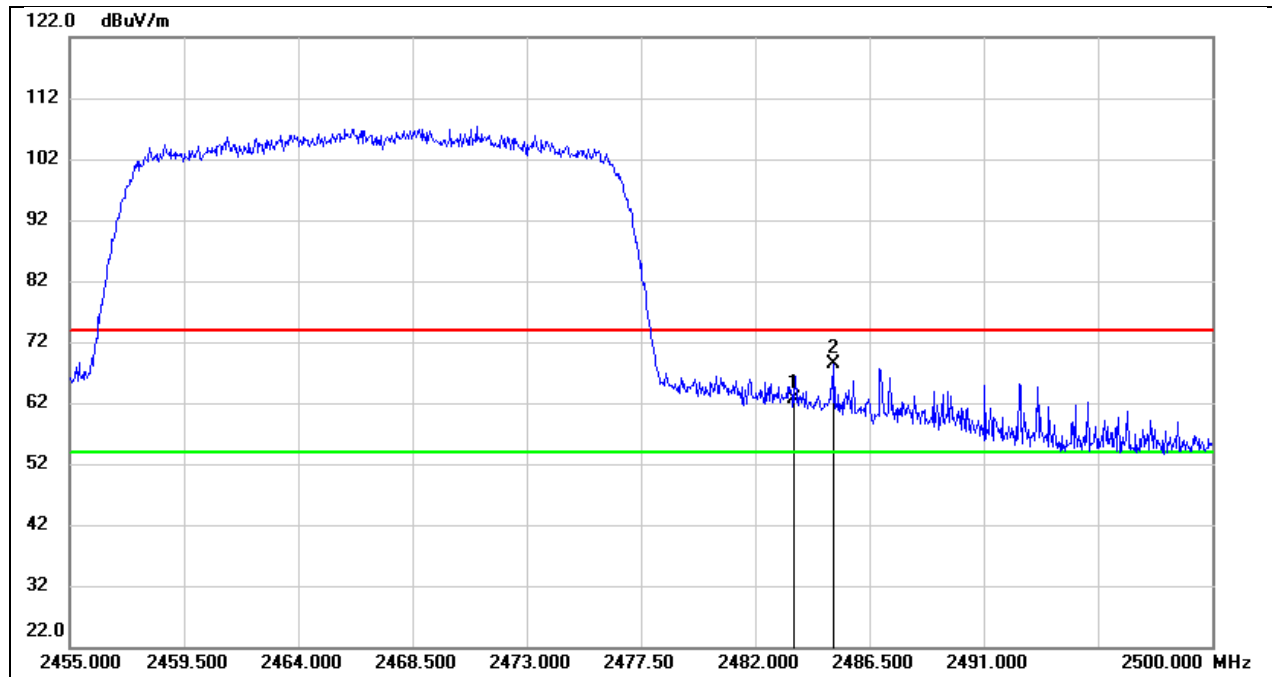
Test Mode:	802.11ax HE20 AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	13.69	32.80	46.49	54.00	-7.51	AVG
2	2483.600	13.58	32.80	46.38	54.00	-7.62	AVG

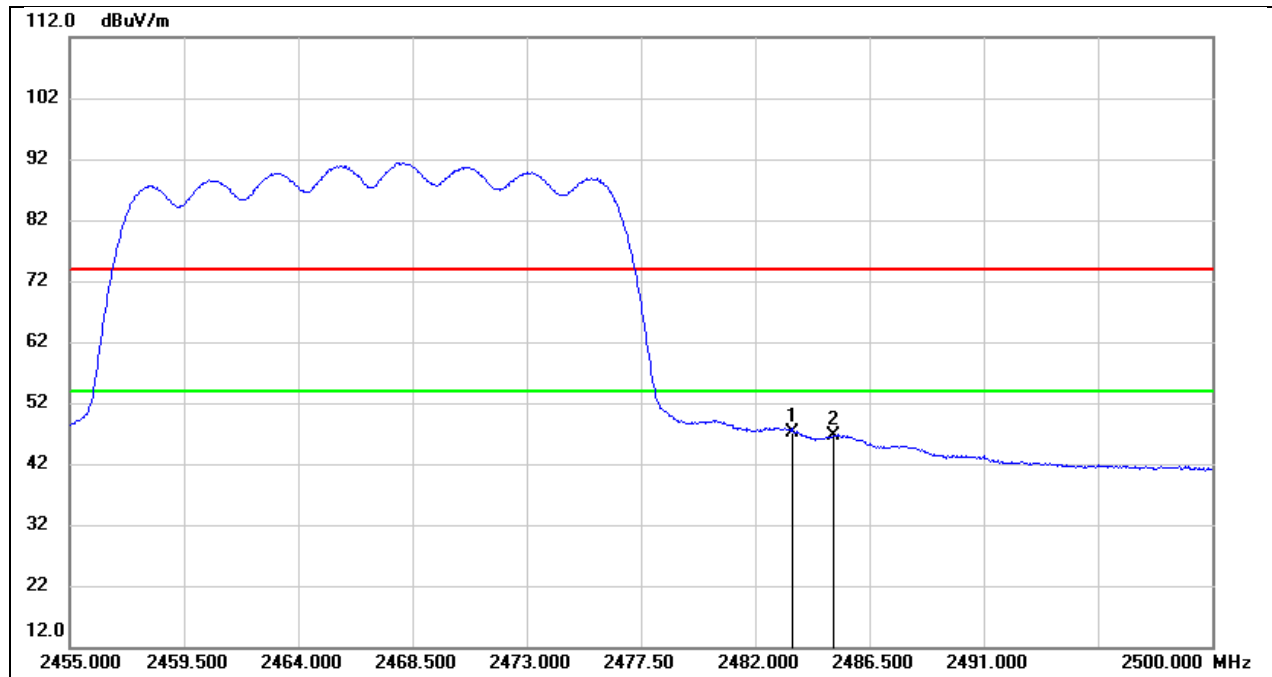


Test Mode:	802.11ax HE20 PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



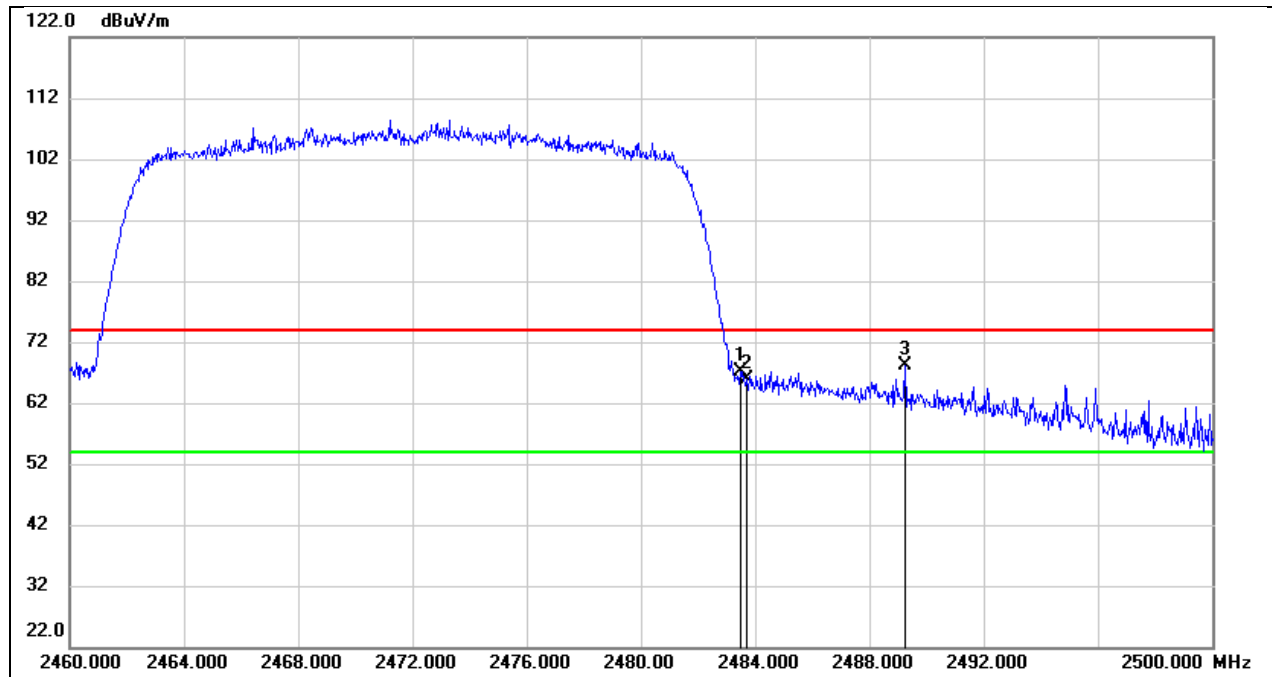
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	29.71	32.80	62.51	74.00	-11.49	peak
2	2485.105	35.65	32.80	68.45	74.00	-5.55	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



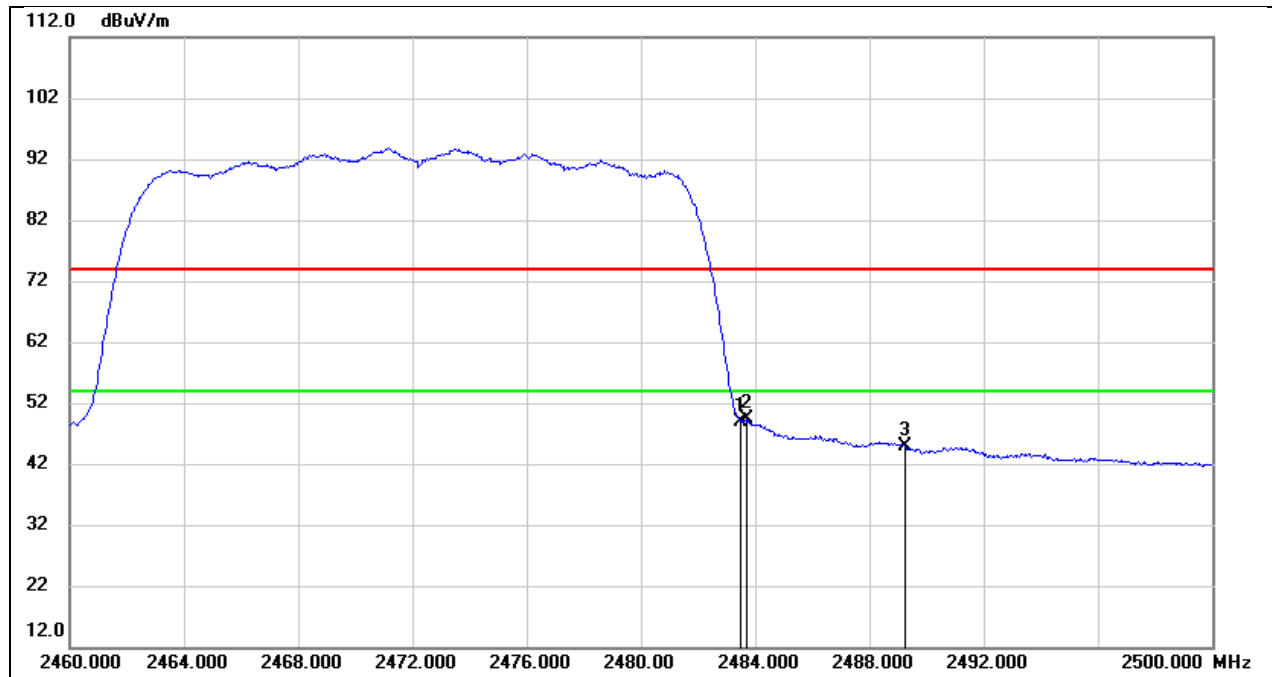
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	14.44	32.80	47.24	54.00	-6.76	AVG
2	2485.105	13.79	32.80	46.59	54.00	-7.41	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	34.35	32.80	67.15	74.00	-6.85	peak
2	2483.720	33.18	32.80	65.98	74.00	-8.02	peak
3	2489.240	35.42	32.81	68.23	74.00	-5.77	peak

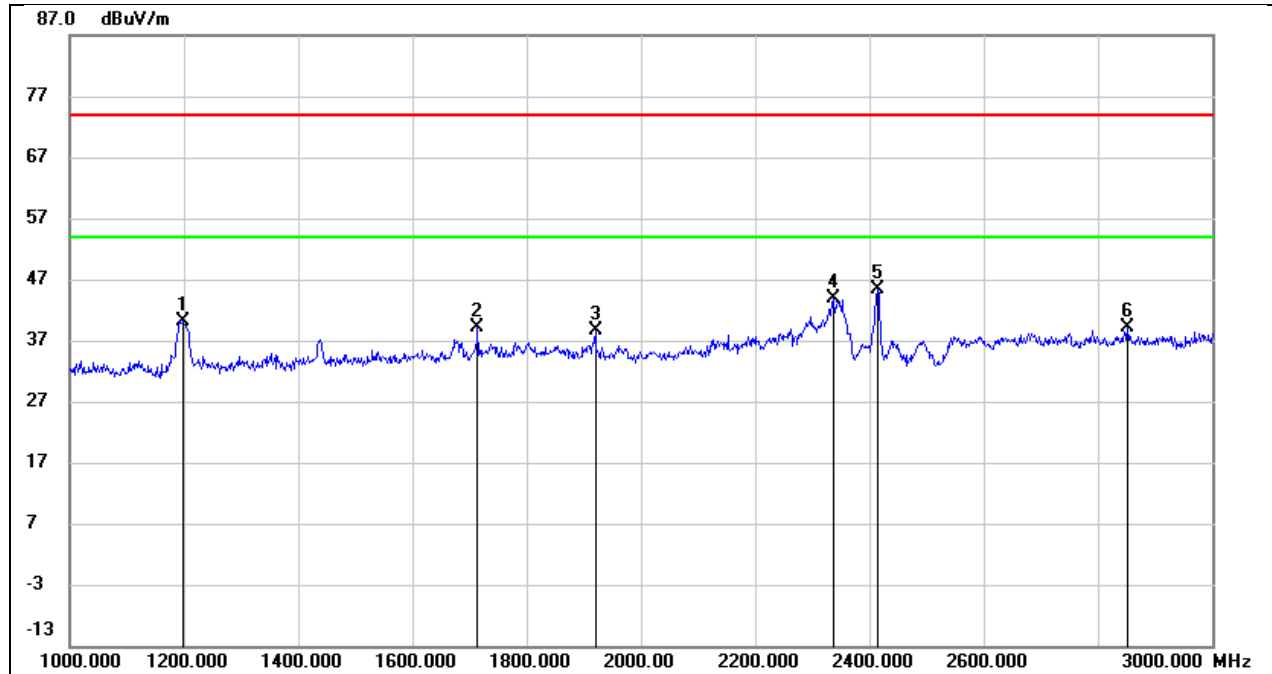
Test Mode:	802.11ax HE20 AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	16.04	32.80	48.84	54.00	-5.16	AVG
2	2483.720	16.57	32.80	49.37	54.00	-4.63	AVG
3	2489.240	12.01	32.81	44.82	54.00	-9.18	AVG

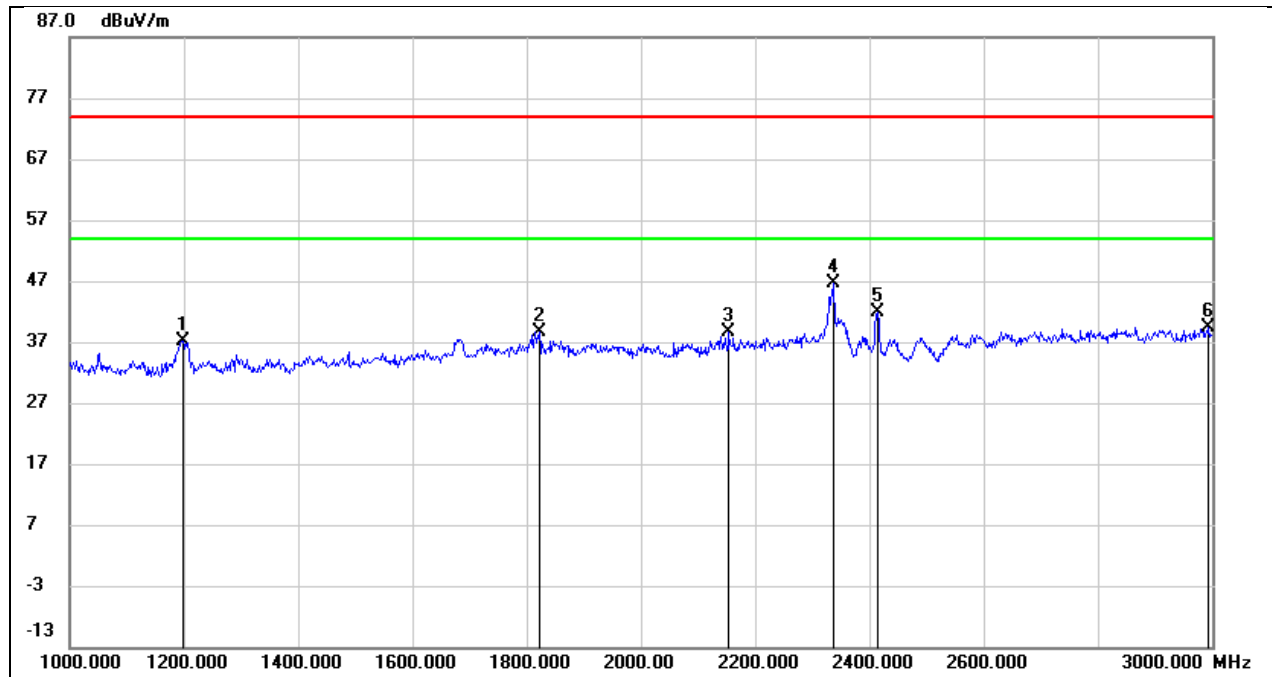
## 8.2. SPURIOUS EMISSIONS(1 GHZ~3 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



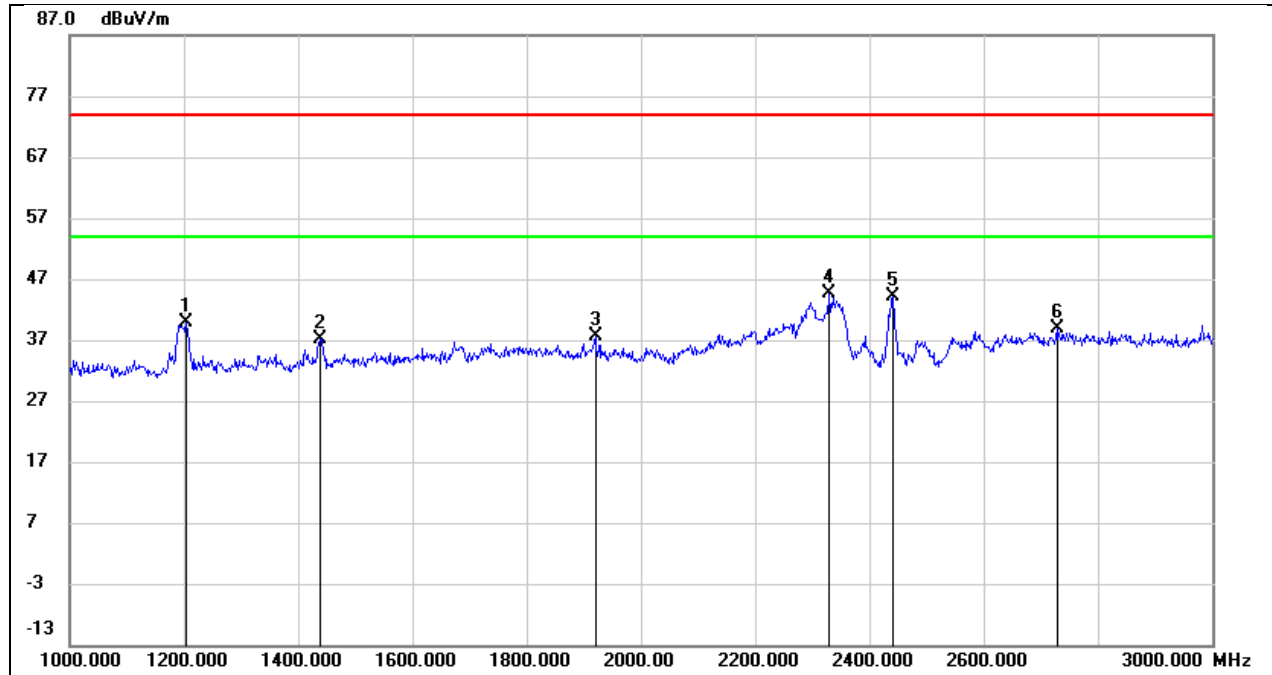
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	53.72	-13.48	40.24	74.00	-33.76	peak
2	1714.000	49.72	-10.57	39.15	74.00	-34.85	peak
3	1920.000	48.60	-10.05	38.55	74.00	-35.45	peak
4	2336.000	52.78	-8.83	43.95	74.00	-30.05	peak
5	2412.000	53.85	-8.53	45.32	/	/	Fundamental
6	2852.000	45.69	-6.68	39.01	74.00	-34.99	peak

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



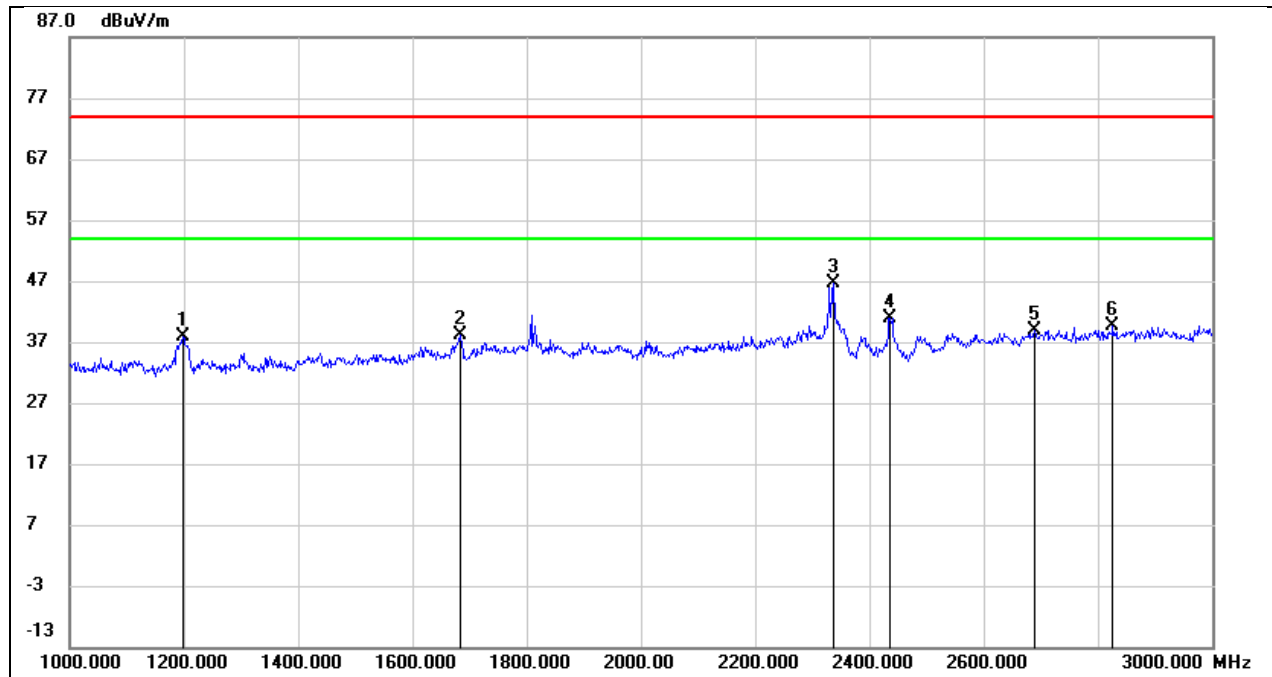
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	50.16	-13.01	37.15	74.00	-36.85	peak
2	1822.000	48.12	-9.37	38.75	74.00	-35.25	peak
3	2154.000	47.17	-8.65	38.52	74.00	-35.48	peak
4	2338.000	54.53	-7.99	46.54	74.00	-27.46	peak
5	2412.000	49.64	-7.71	41.93	/	/	Fundamental
6	2994.000	44.18	-4.74	39.44	74.00	-34.56	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1204.000	53.25	-13.45	39.80	74.00	-34.20	peak
2	1438.000	49.43	-12.24	37.19	74.00	-36.81	peak
3	1920.000	47.79	-10.05	37.74	74.00	-36.26	peak
4	2330.000	53.46	-8.85	44.61	74.00	-29.39	peak
5	2437.000	52.67	-8.43	44.24	/	/	Fundamental
6	2728.000	46.02	-7.22	38.80	74.00	-35.20	peak

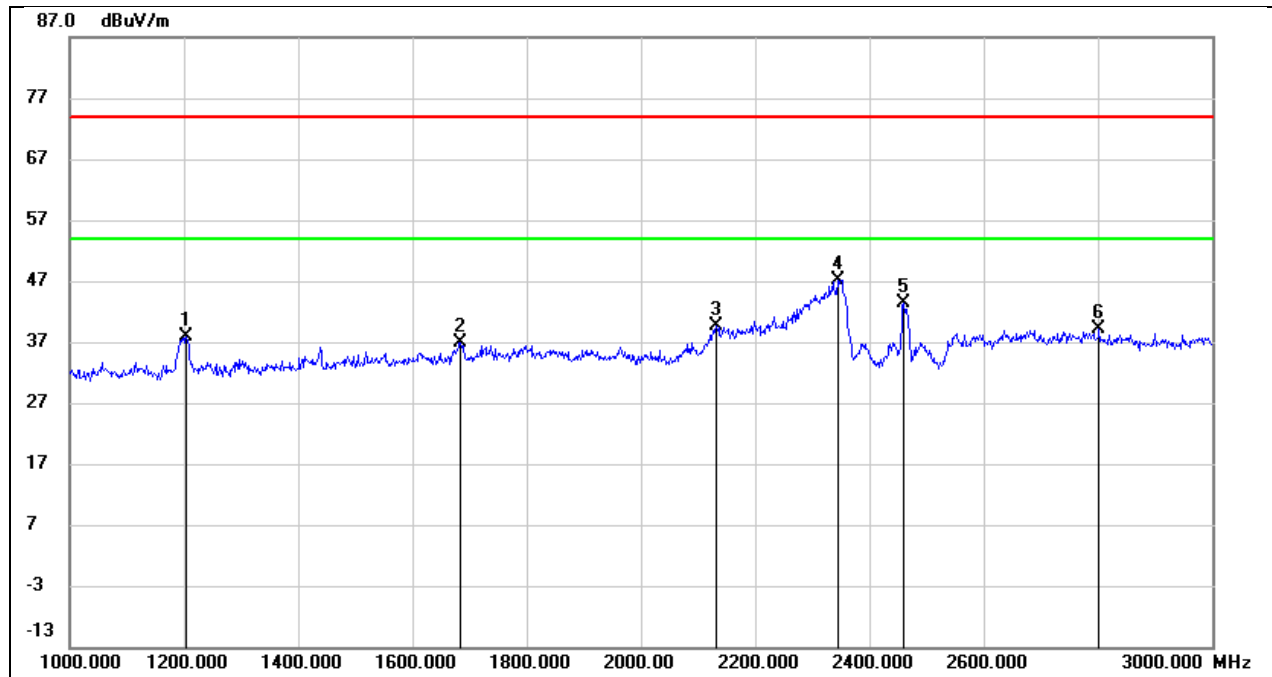
Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	50.82	-13.01	37.81	74.00	-36.19	peak
2	1684.000	48.52	-10.39	38.13	74.00	-35.87	peak
3	2336.000	54.65	-8.00	46.65	74.00	-27.35	peak
4	2437.000	48.63	-7.65	40.98	/	/	Fundamental
5	2688.000	45.36	-6.40	38.96	74.00	-35.04	peak
6	2826.000	45.32	-5.67	39.65	74.00	-34.35	peak

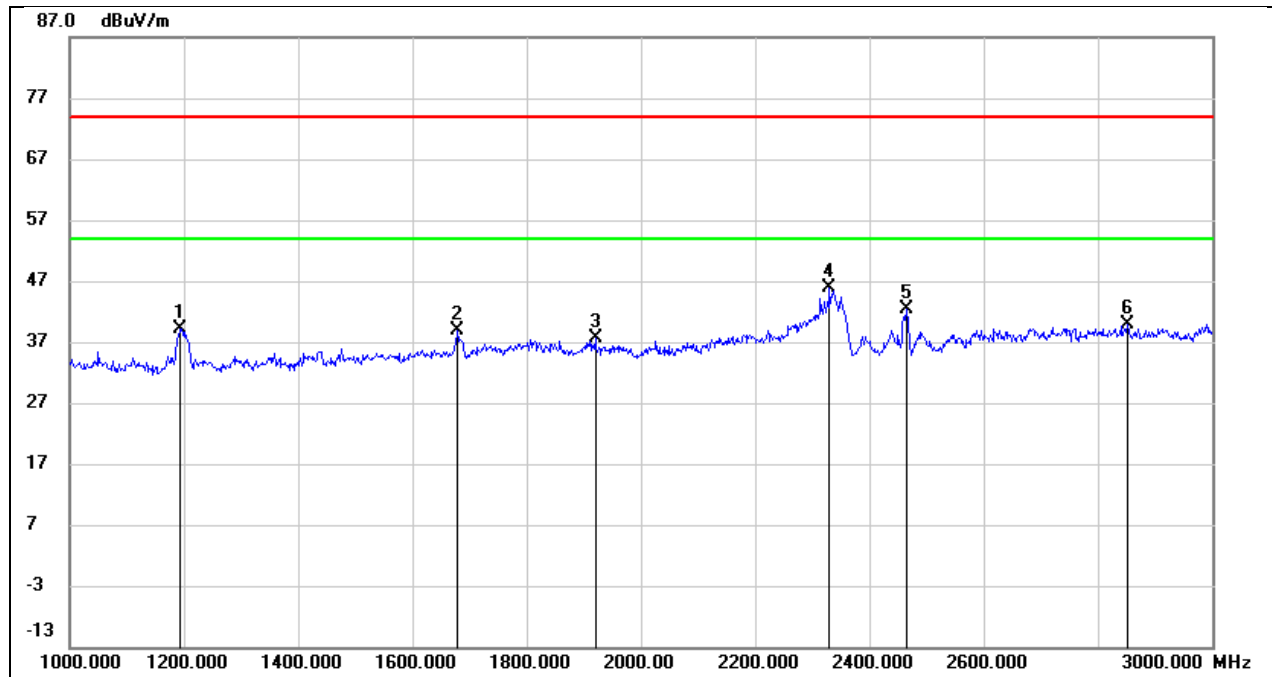


Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



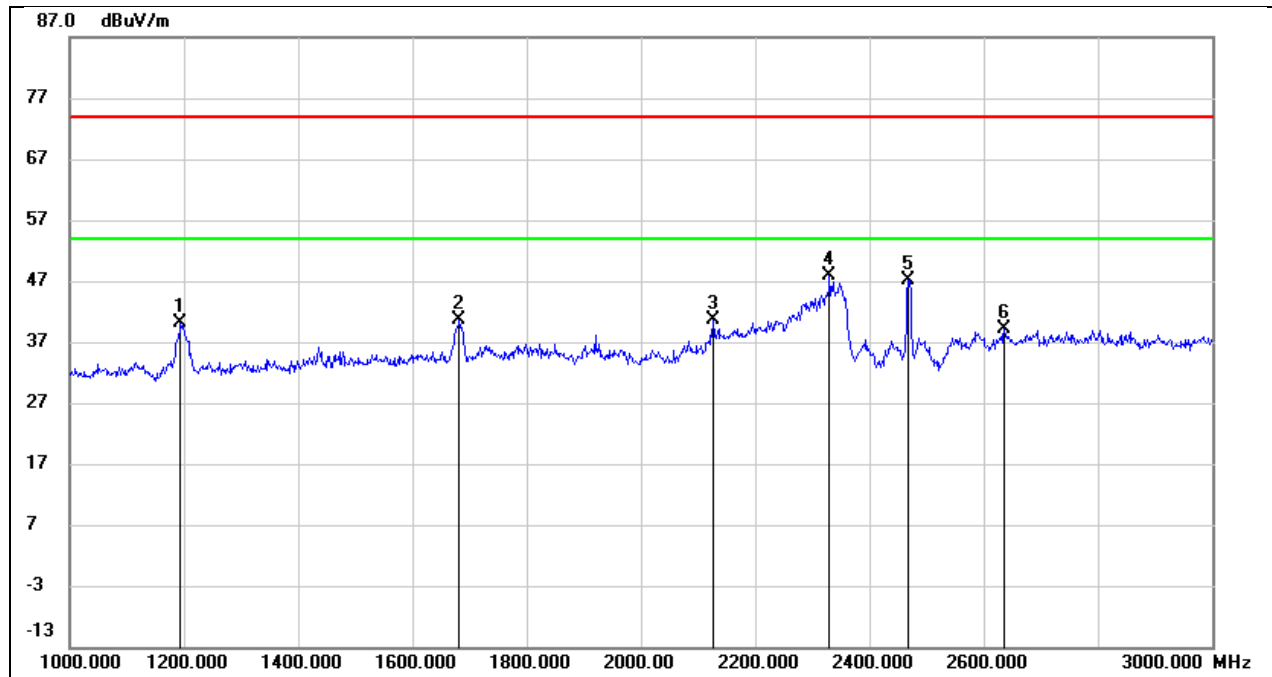
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1204.000	51.23	-13.45	37.78	74.00	-36.22	peak
2	1684.000	47.78	-10.79	36.99	74.00	-37.01	peak
3	2132.000	49.17	-9.60	39.57	74.00	-34.43	peak
4	2346.000	56.04	-8.79	47.25	74.00	-26.75	peak
5	2462.000	51.76	-8.36	43.40	/	/	Fundamental
6	2802.000	46.02	-6.91	39.11	74.00	-34.89	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



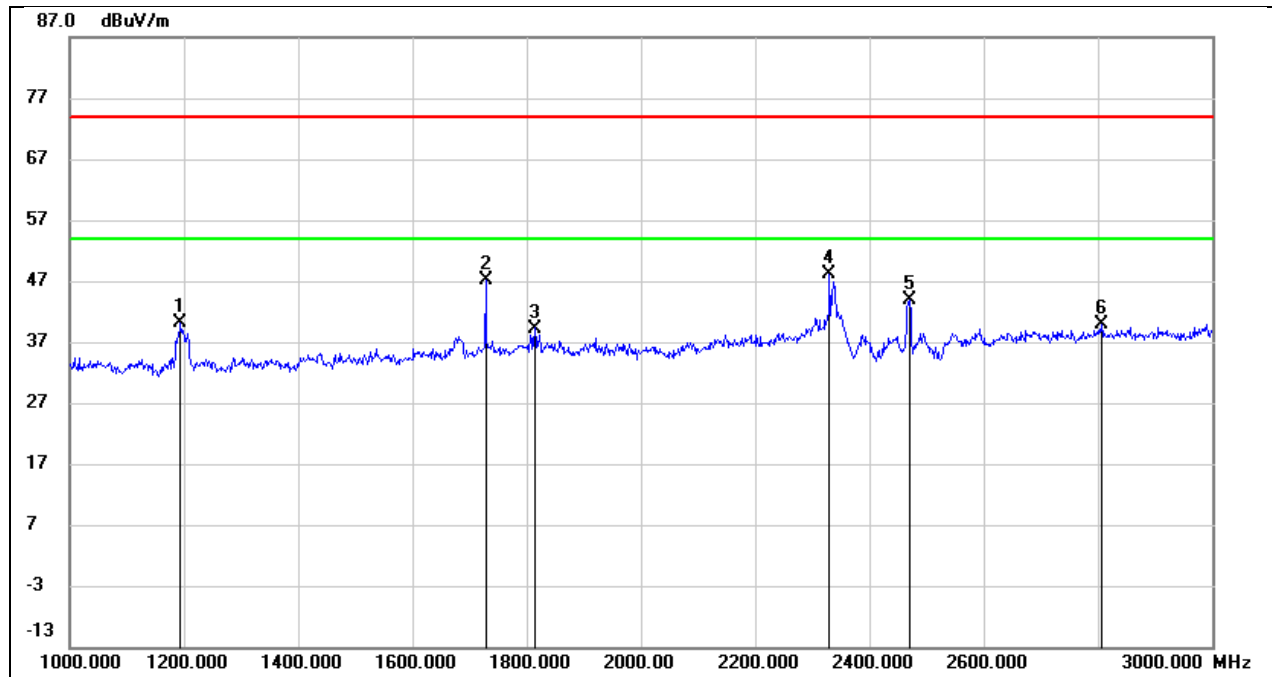
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.000	52.19	-13.03	39.16	74.00	-34.84	peak
2	1678.000	49.27	-10.43	38.84	74.00	-35.16	peak
3	1920.000	46.79	-9.27	37.52	74.00	-36.48	peak
4	2330.000	53.92	-8.02	45.90	74.00	-28.10	peak
5	2462.000	49.82	-7.53	42.29	/	/	Fundamental
6	2852.000	45.40	-5.53	39.87	74.00	-34.13	peak

Test Mode:	802.11b	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



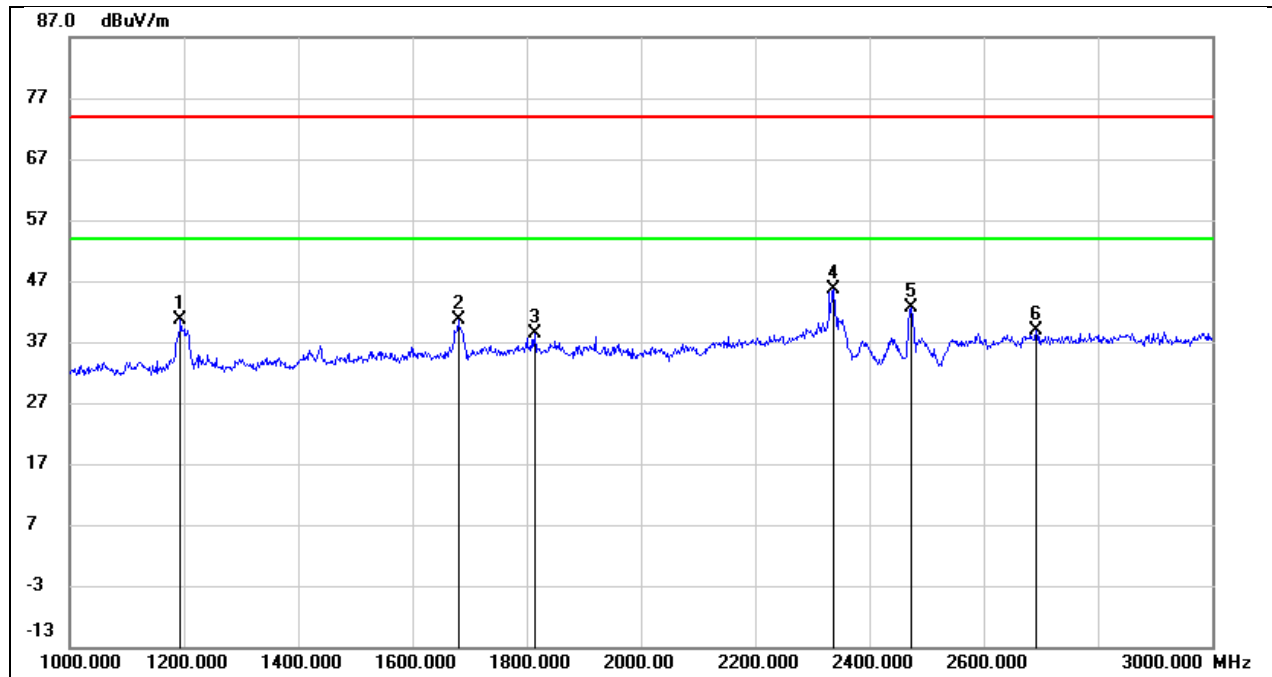
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.000	53.72	-13.50	40.22	74.00	-33.78	peak
2	1682.000	51.46	-10.79	40.67	74.00	-33.33	peak
3	2126.000	50.14	-9.62	40.52	74.00	-33.48	peak
4	2330.000	56.76	-8.85	47.91	74.00	-26.09	peak
5	2467.000	55.51	-8.33	47.18	/	/	Fundamental
6	2636.000	46.62	-7.61	39.01	74.00	-34.99	peak

Test Mode:	802.11b	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



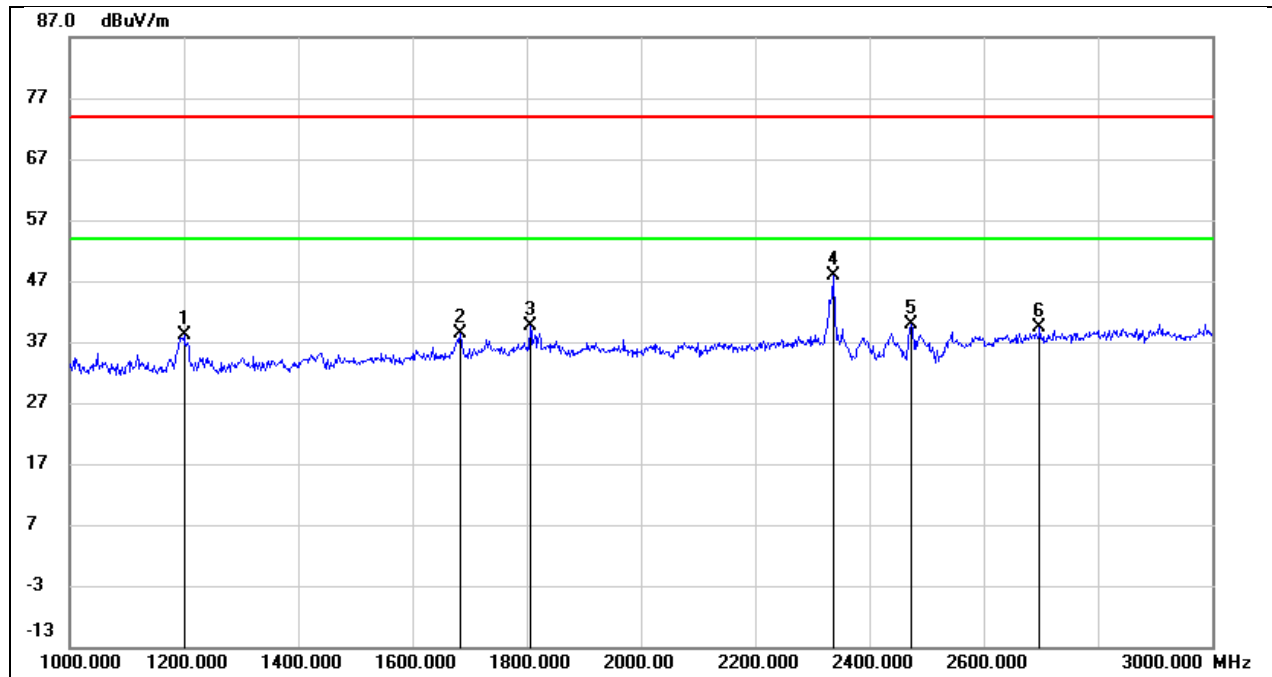
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.000	53.18	-13.03	40.15	74.00	-33.85	peak
2	1728.000	57.12	-10.00	47.12	74.00	-26.88	peak
3	1814.000	48.62	-9.37	39.25	74.00	-34.75	peak
4	2330.000	56.03	-8.02	48.01	74.00	-25.99	peak
5	2467.000	51.30	-7.51	43.79	/	/	Fundamental
6	2806.000	45.61	-5.79	39.82	74.00	-34.18	peak

Test Mode:	802.11b	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.000	54.12	-13.50	40.62	74.00	-33.38	peak
2	1680.000	51.51	-10.80	40.71	74.00	-33.29	peak
3	1814.000	48.31	-9.97	38.34	74.00	-35.66	peak
4	2338.000	54.42	-8.82	45.60	74.00	-28.40	peak
5	2472.000	50.98	-8.31	42.67	/	/	Fundamental
6	2692.000	46.17	-7.37	38.80	74.00	-35.20	peak

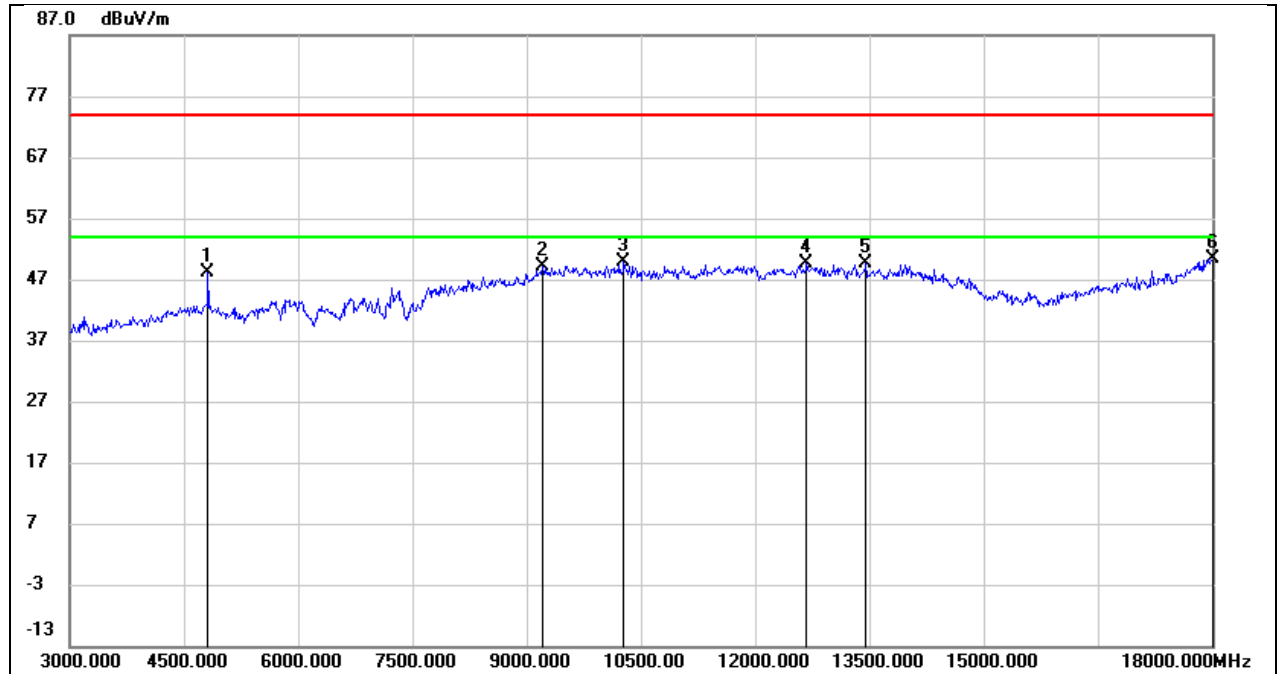
Test Mode:	802.11b	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1200.000	51.05	-13.01	38.04	74.00	-35.96	peak
2	1684.000	48.88	-10.39	38.49	74.00	-35.51	peak
3	1806.000	49.07	-9.38	39.69	74.00	-34.31	peak
4	2336.000	55.78	-8.00	47.78	74.00	-26.22	peak
5	2472.000	47.47	-7.51	39.96	/	/	Fundamental
6	2698.000	45.68	-6.35	39.33	74.00	-34.67	peak

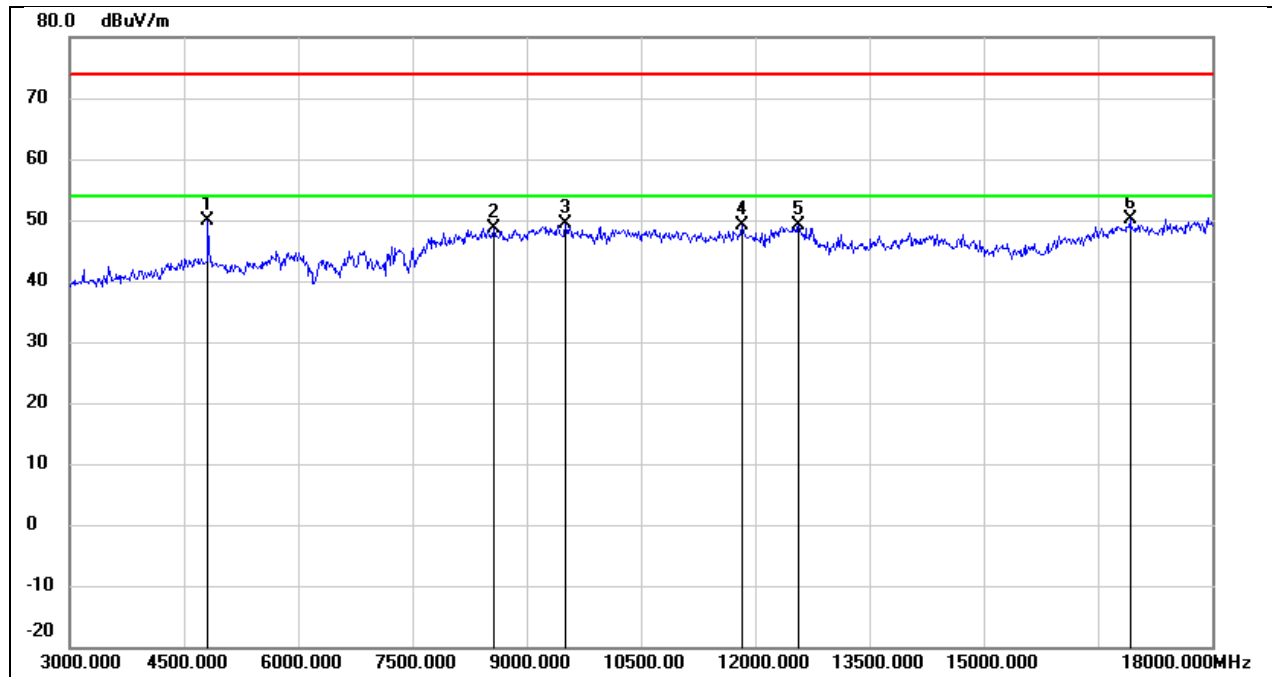
### 8.3. SPURIOUS EMISSIONS(3 GHZ~18 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	47.63	0.50	48.13	74.00	-25.87	peak
2	9210.000	37.95	11.13	49.08	74.00	-24.92	peak
3	10275.000	36.52	13.36	49.88	74.00	-24.12	peak
4	12675.000	30.40	19.18	49.58	74.00	-24.42	peak
5	13455.000	27.28	22.27	49.55	74.00	-24.45	peak
6	18000.000	20.69	29.64	50.33	74.00	-23.67	peak

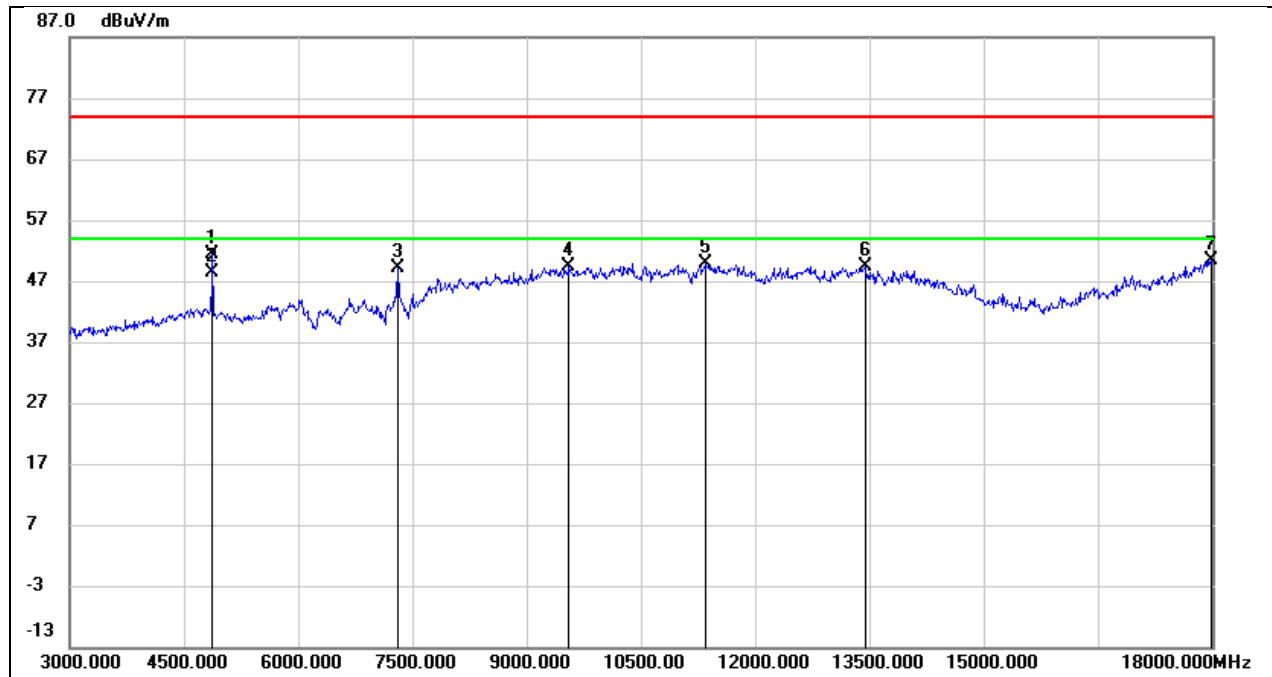
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	48.18	1.59	49.77	74.00	-24.23	peak
2	8565.000	38.94	9.78	48.72	74.00	-25.28	peak
3	9510.000	36.82	12.44	49.26	74.00	-24.74	peak
4	11820.000	31.79	17.27	49.06	74.00	-24.94	peak
5	12570.000	31.10	18.00	49.10	74.00	-24.90	peak
6	16920.000	25.13	25.08	50.21	74.00	-23.79	peak

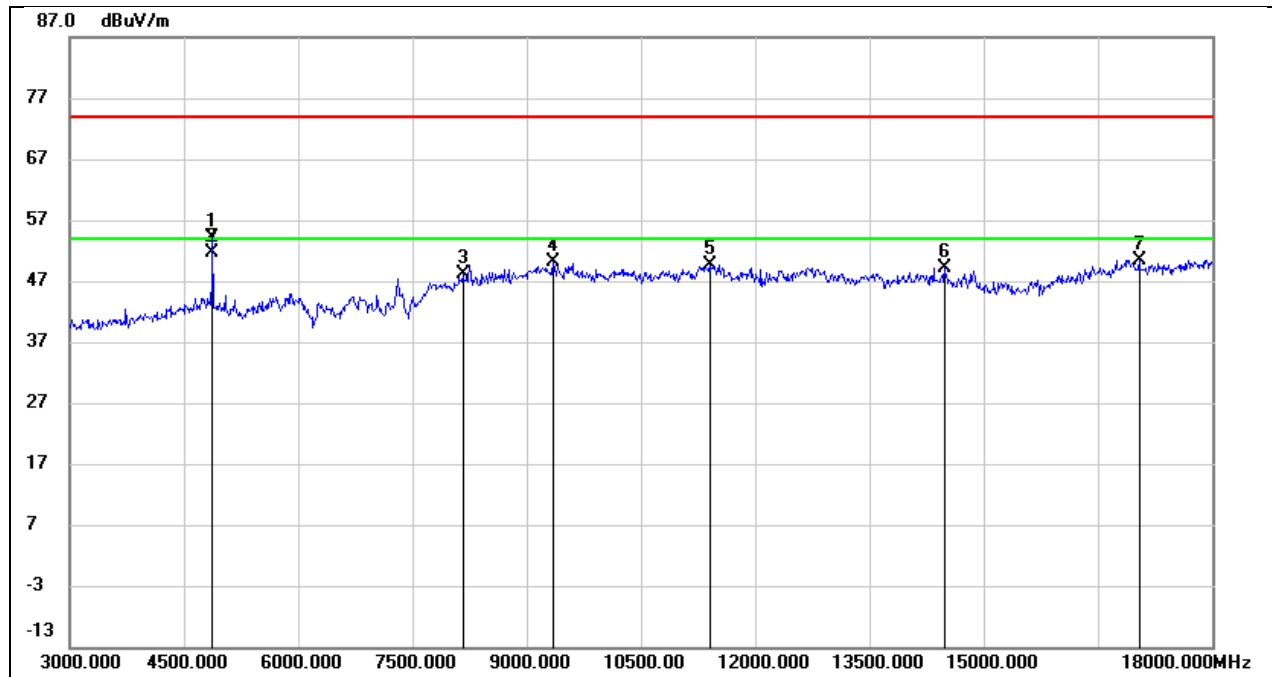


Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



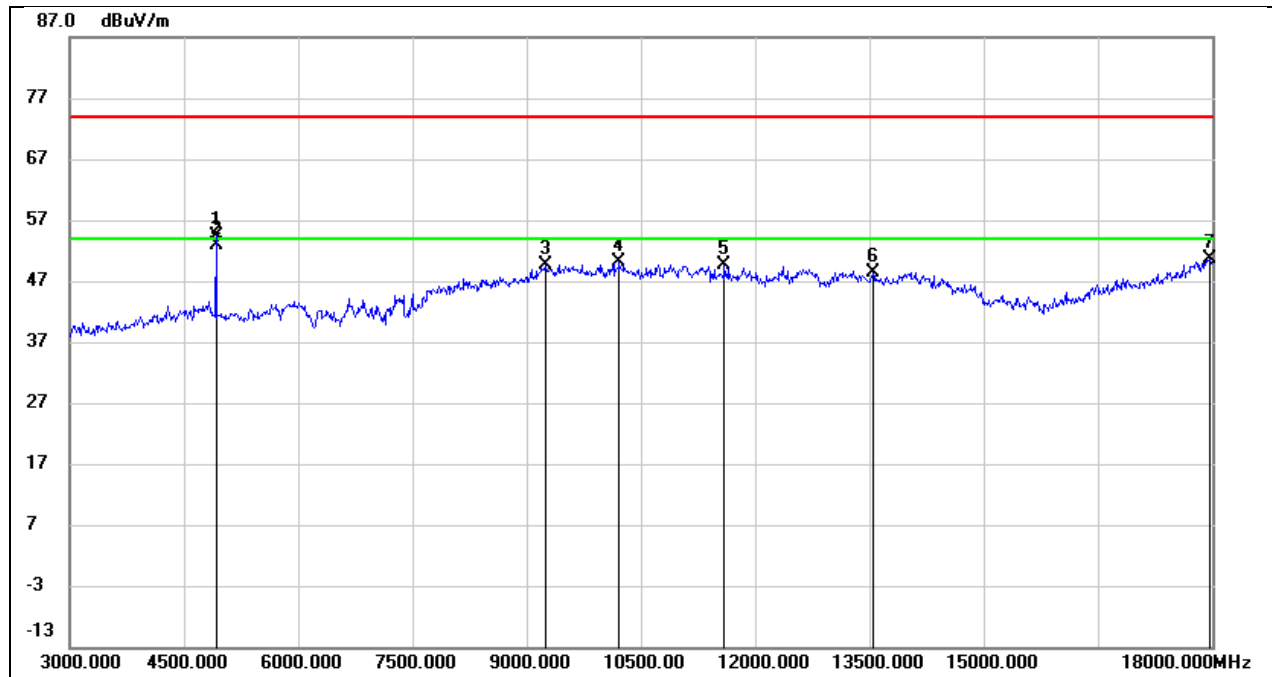
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	50.69	0.65	51.34	74.00	-22.66	peak
2	4875.000	47.82	0.65	48.47	54.00	-5.53	AVG
3	7305.000	42.11	7.03	49.14	74.00	-24.86	peak
4	9555.000	36.84	12.65	49.49	74.00	-24.51	peak
5	11340.000	32.52	17.46	49.98	74.00	-24.02	peak
6	13440.000	27.16	22.21	49.37	74.00	-24.63	peak
7	17985.000	20.98	29.49	50.47	74.00	-23.53	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



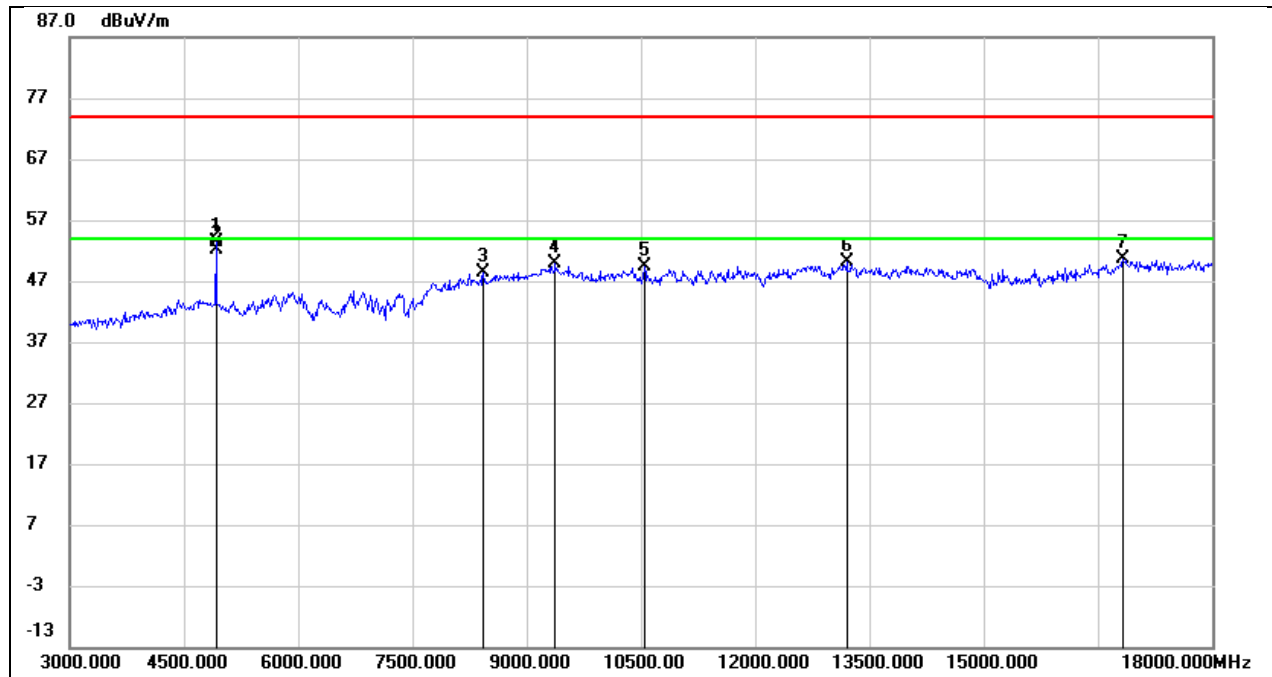
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	52.36	1.78	54.14	74.00	-19.86	peak
2	4875.000	49.88	1.78	51.66	54.00	-2.34	AVG
3	8160.000	39.12	8.98	48.10	74.00	-25.90	peak
4	9345.000	38.26	11.84	50.10	74.00	-23.90	peak
5	11400.000	33.47	16.24	49.71	74.00	-24.29	peak
6	14490.000	27.62	21.60	49.22	74.00	-24.78	peak
7	17040.000	25.24	25.21	50.45	74.00	-23.55	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



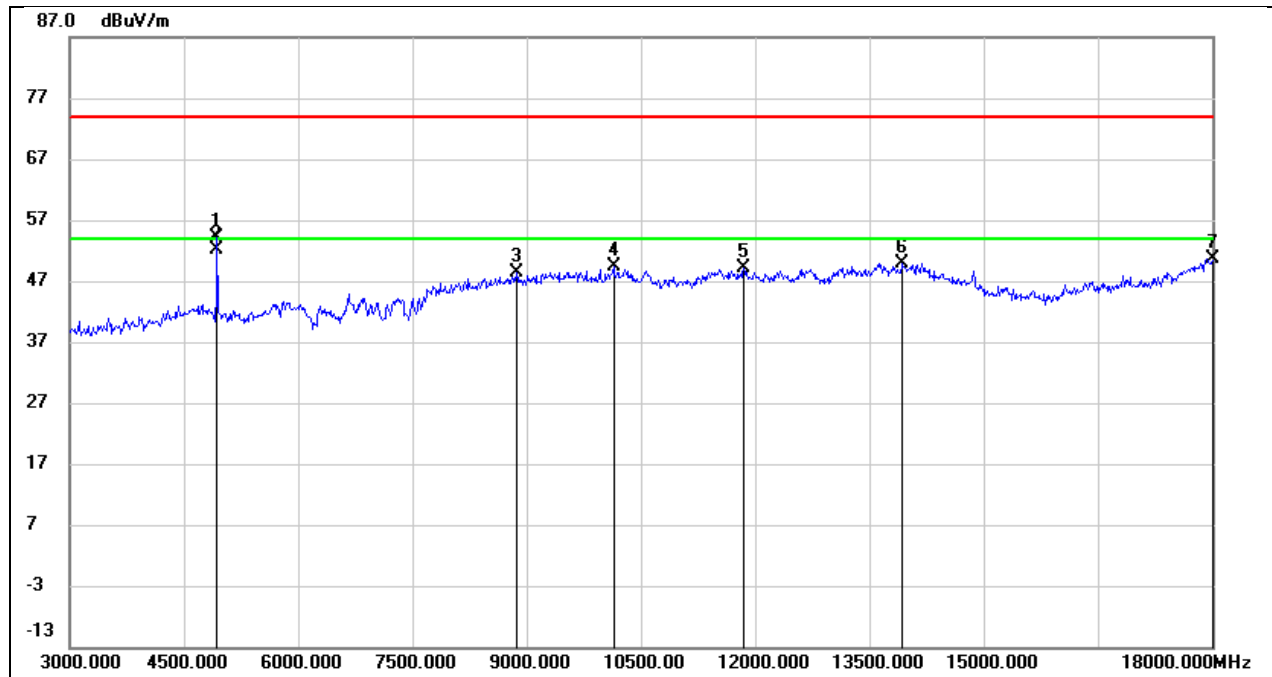
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	53.73	0.76	54.49	74.00	-19.51	peak
2	4920.000	52.03	0.76	52.79	54.00	-1.21	AVG
3	9255.000	38.37	11.32	49.69	74.00	-24.31	peak
4	10215.000	36.87	13.29	50.16	74.00	-23.84	peak
5	11595.000	31.36	18.16	49.52	74.00	-24.48	peak
6	13545.000	25.87	22.52	48.39	74.00	-25.61	peak
7	17970.000	21.42	29.33	50.75	74.00	-23.25	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



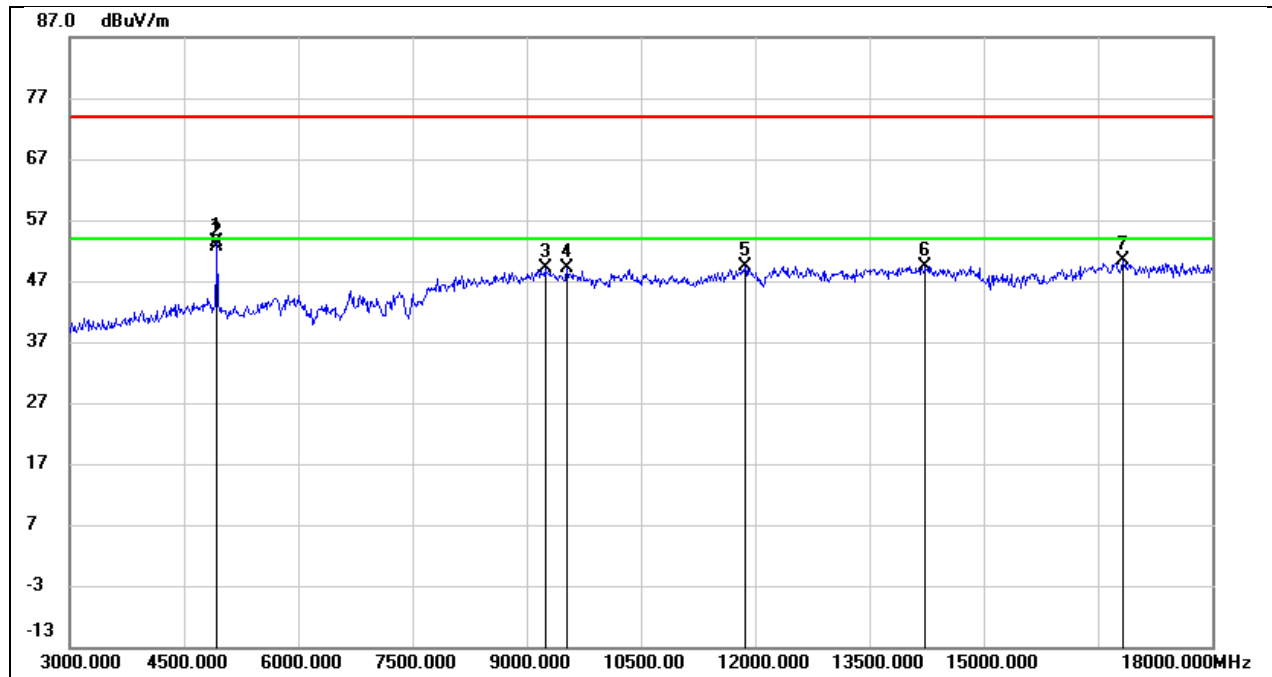
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	51.37	1.91	53.28	74.00	-20.72	peak
2	4920.000	50.19	1.91	52.10	54.00	-1.90	AVG
3	8430.000	38.80	9.51	48.31	74.00	-25.69	peak
4	9375.000	37.98	11.94	49.92	74.00	-24.08	peak
5	10545.000	35.72	13.61	49.33	74.00	-24.67	peak
6	13200.000	30.20	19.81	50.01	74.00	-23.99	peak
7	16830.000	25.58	24.97	50.55	74.00	-23.45	peak

Test Mode:	802.11b	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



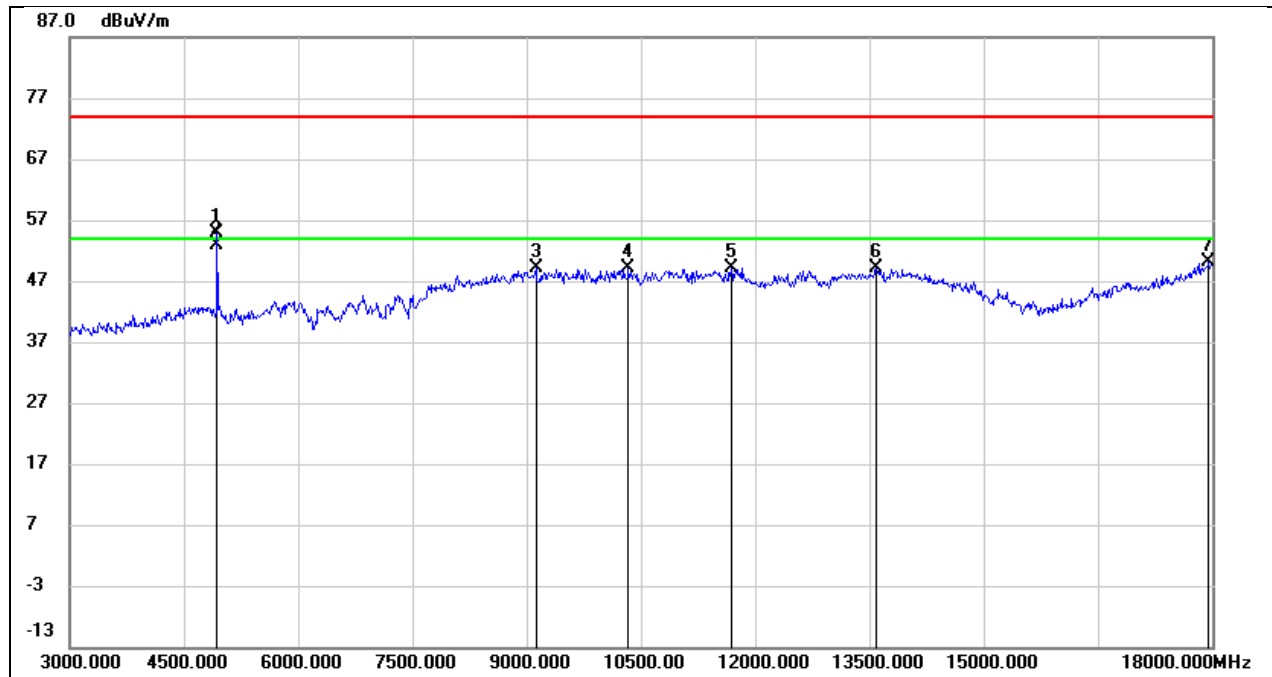
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	53.25	0.80	54.05	74.00	-19.95	peak
2	4935.000	51.44	0.80	52.24	54.00	-1.76	AVG
3	8865.000	38.71	9.76	48.47	74.00	-25.53	peak
4	10140.000	36.01	13.29	49.30	74.00	-24.70	peak
5	11850.000	30.66	18.55	49.21	74.00	-24.79	peak
6	13935.000	26.47	23.52	49.99	74.00	-24.01	peak
7	18000.000	20.99	29.64	50.63	74.00	-23.37	peak

Test Mode:	802.11b	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



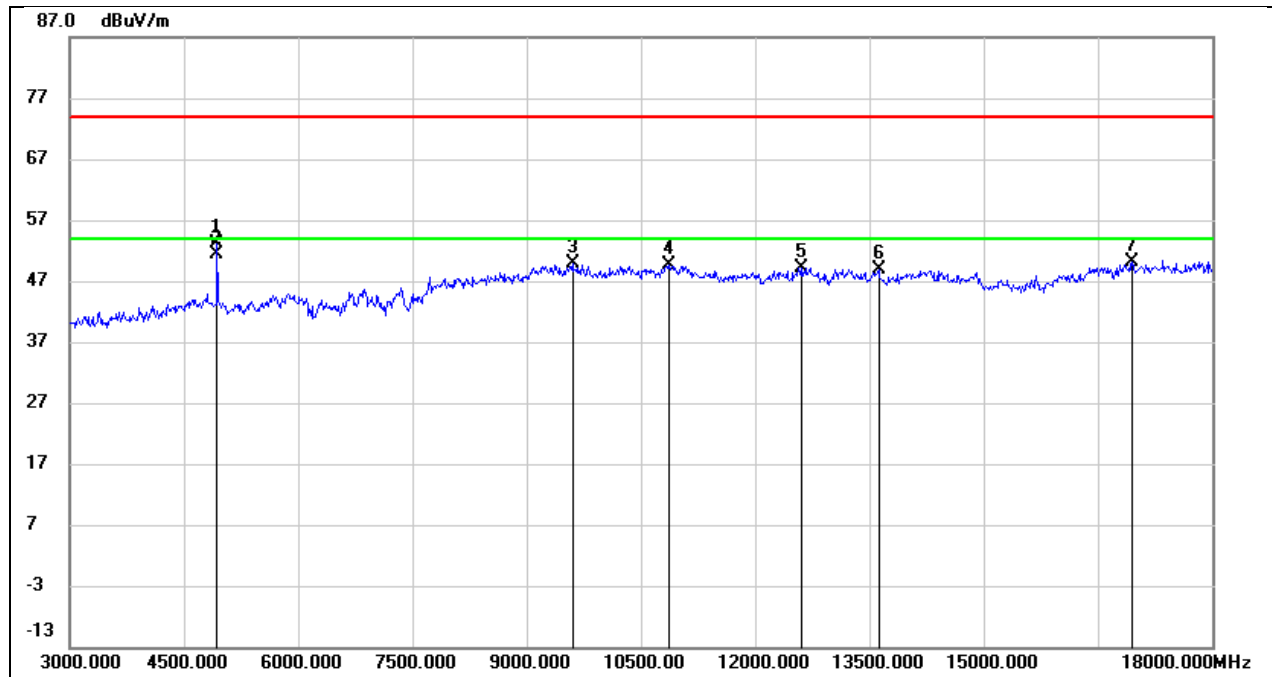
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	51.36	1.96	53.32	74.00	-20.68	peak
2	4935.000	50.60	1.96	52.56	54.00	-1.44	AVG
3	9240.000	37.65	11.46	49.11	74.00	-24.89	peak
4	9525.000	36.76	12.48	49.24	74.00	-24.76	peak
5	11865.000	31.93	17.37	49.30	74.00	-24.70	peak
6	14235.000	27.24	22.17	49.41	74.00	-24.59	peak
7	16830.000	25.29	24.97	50.26	74.00	-23.74	peak

Test Mode:	802.11b	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	54.04	0.80	54.84	74.00	-19.16	peak
2	4935.000	52.11	0.80	52.91	54.00	-1.09	AVG
3	9120.000	38.36	10.72	49.08	74.00	-24.92	peak
4	10335.000	35.60	13.41	49.01	74.00	-24.99	peak
5	11685.000	30.88	18.31	49.19	74.00	-24.81	peak
6	13590.000	26.64	22.60	49.24	74.00	-24.76	peak
7	17955.000	20.89	29.18	50.07	74.00	-23.93	peak

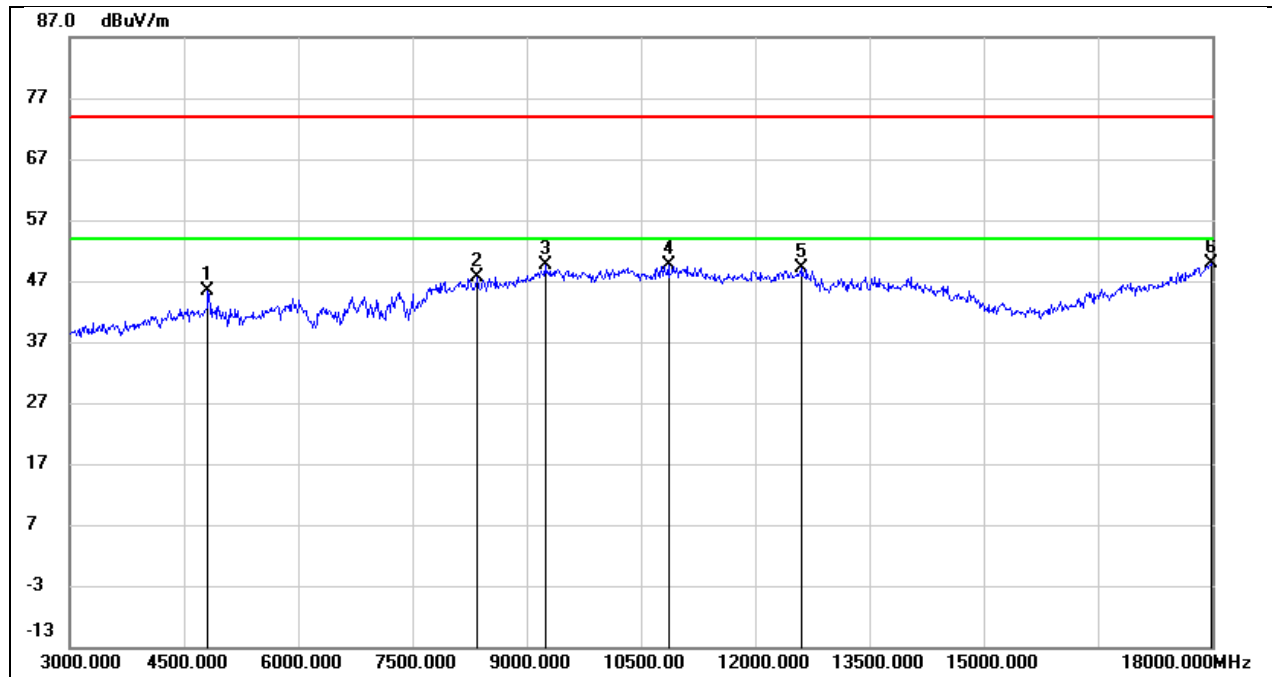
Test Mode:	802.11b	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	51.06	1.96	53.02	74.00	-20.98	peak
2	4935.000	49.38	1.96	51.34	54.00	-2.66	AVG
3	9600.000	37.18	12.69	49.87	74.00	-24.13	peak
4	10860.000	35.17	14.57	49.74	74.00	-24.26	peak
5	12615.000	31.12	18.04	49.16	74.00	-24.84	peak
6	13620.000	27.90	20.97	48.87	74.00	-25.13	peak
7	16950.000	24.89	25.12	50.01	74.00	-23.99	peak

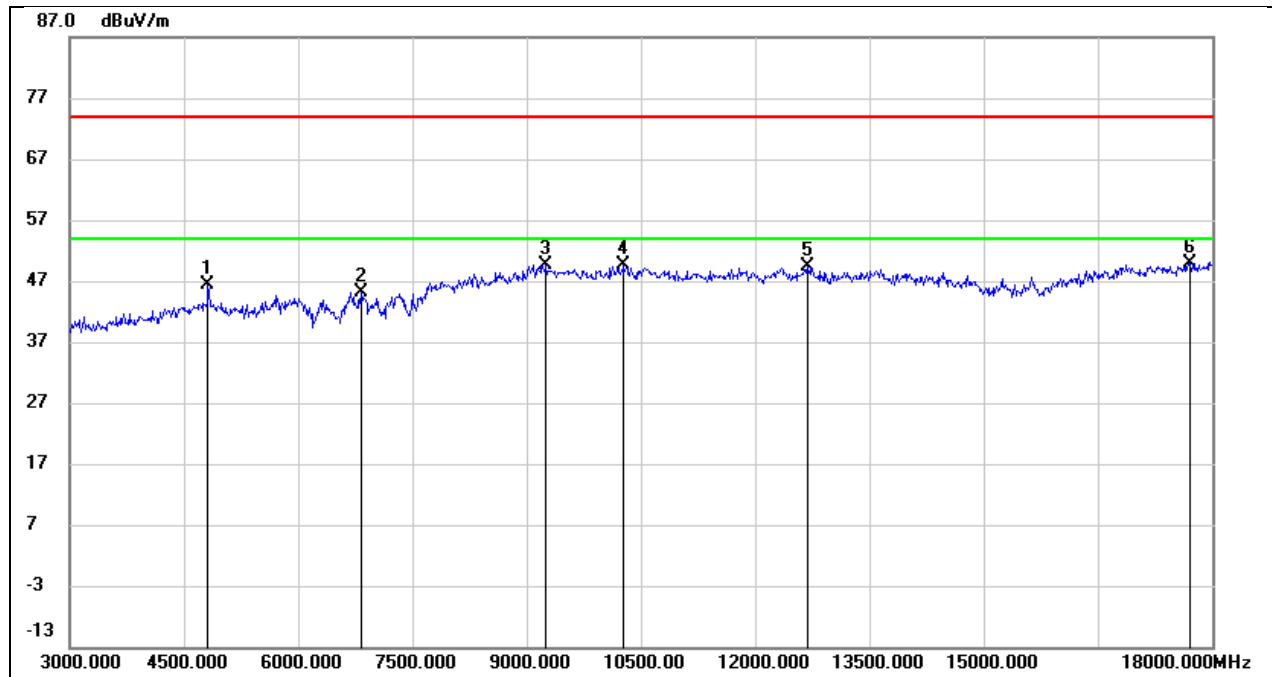


Test Mode:	802.11g	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



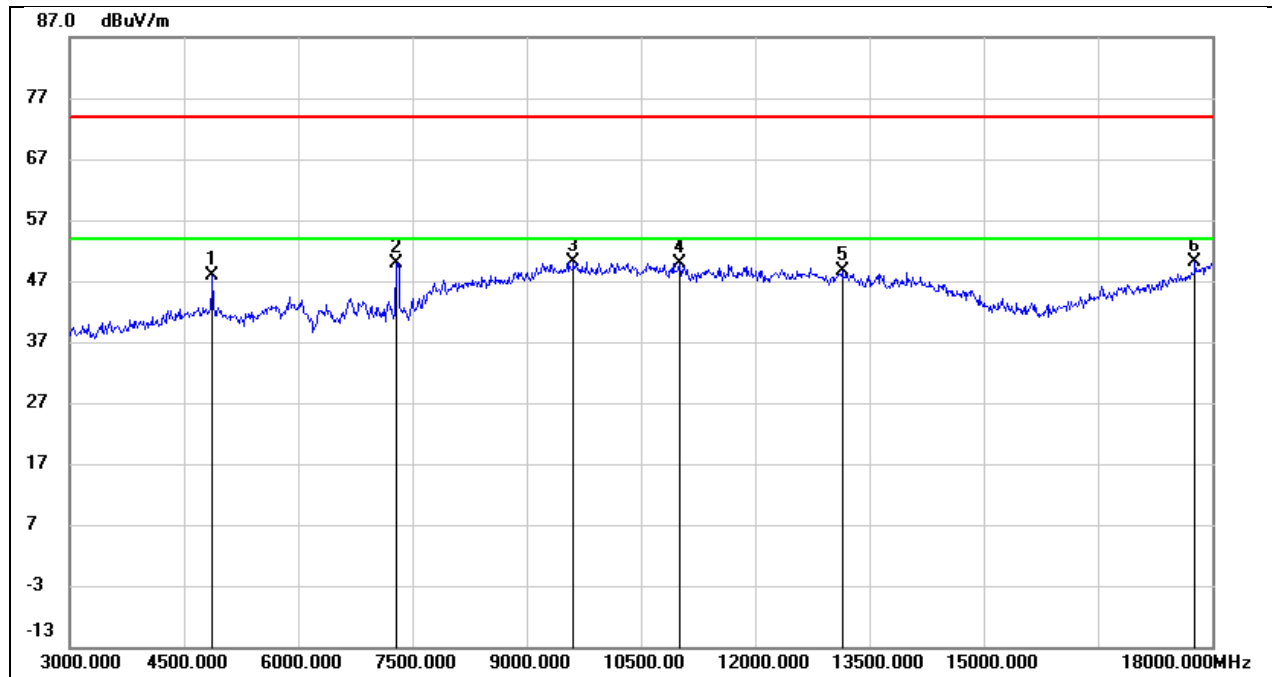
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	44.98	0.50	45.48	74.00	-28.52	peak
2	8355.000	38.77	8.81	47.58	74.00	-26.42	peak
3	9240.000	38.26	11.25	49.51	74.00	-24.49	peak
4	10860.000	34.51	15.20	49.71	74.00	-24.29	peak
5	12615.000	30.21	19.01	49.22	74.00	-24.78	peak
6	17985.000	20.47	29.49	49.96	74.00	-24.04	peak

Test Mode:	802.11g	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



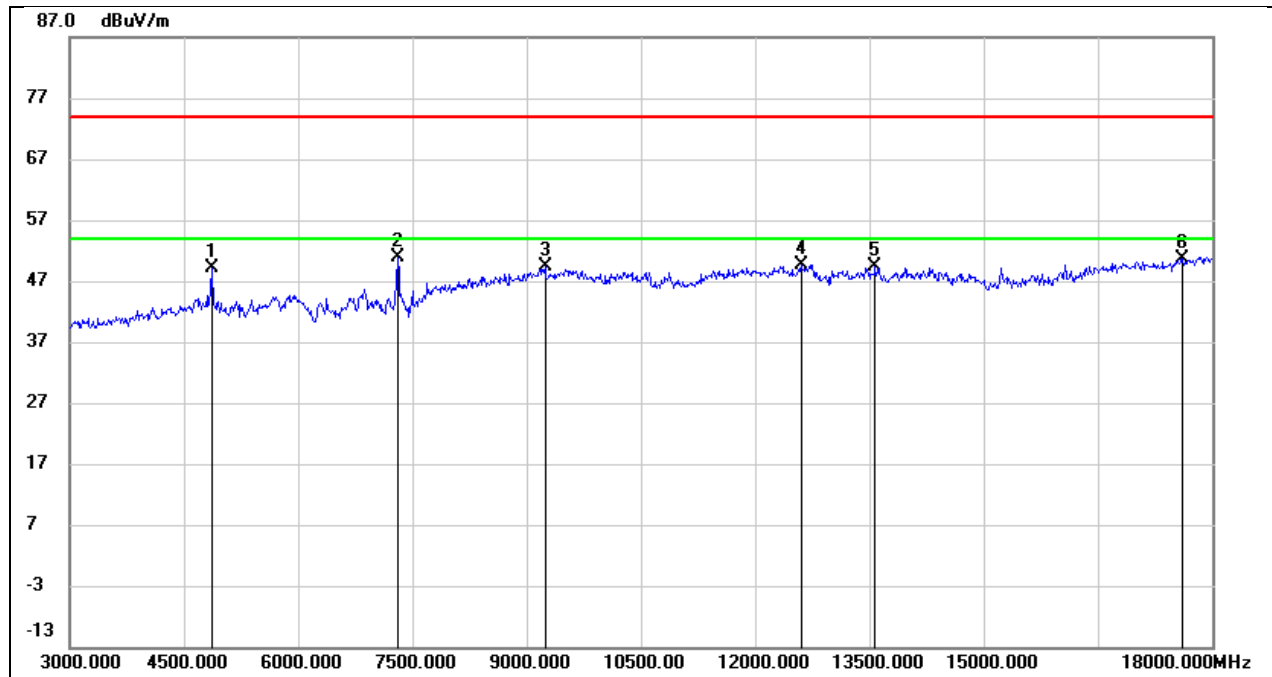
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	44.75	1.59	46.34	74.00	-27.66	peak
2	6825.000	38.34	6.81	45.15	74.00	-28.85	peak
3	9255.000	38.24	11.51	49.75	74.00	-24.25	peak
4	10275.000	36.81	12.93	49.74	74.00	-24.26	peak
5	12690.000	31.09	18.19	49.28	74.00	-24.72	peak
6	17715.000	23.88	26.04	49.92	74.00	-24.08	peak

Test Mode:	802.11g	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



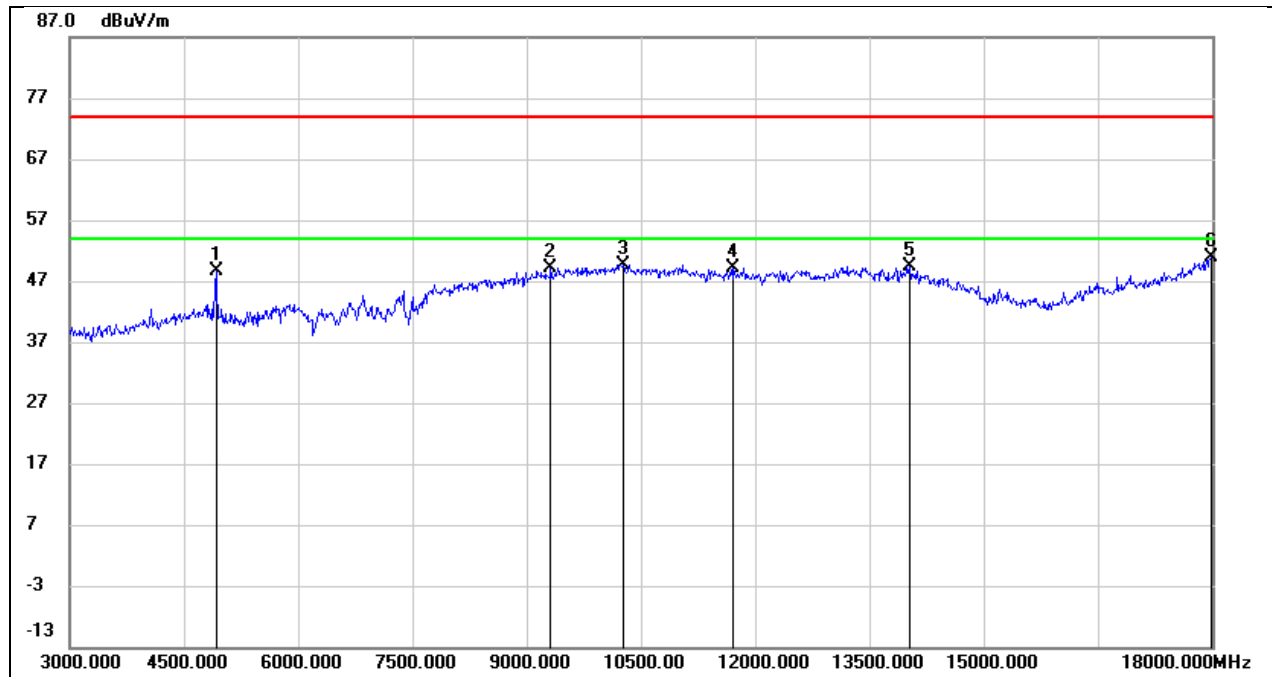
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	47.15	0.65	47.80	74.00	-26.20	peak
2	7290.000	42.89	7.02	49.91	74.00	-24.09	peak
3	9615.000	37.24	12.87	50.11	74.00	-23.89	peak
4	11010.000	33.94	16.01	49.95	74.00	-24.05	peak
5	13140.000	27.70	20.89	48.59	74.00	-25.41	peak
6	17775.000	22.66	27.42	50.08	74.00	-23.92	peak

Test Mode:	802.11g	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



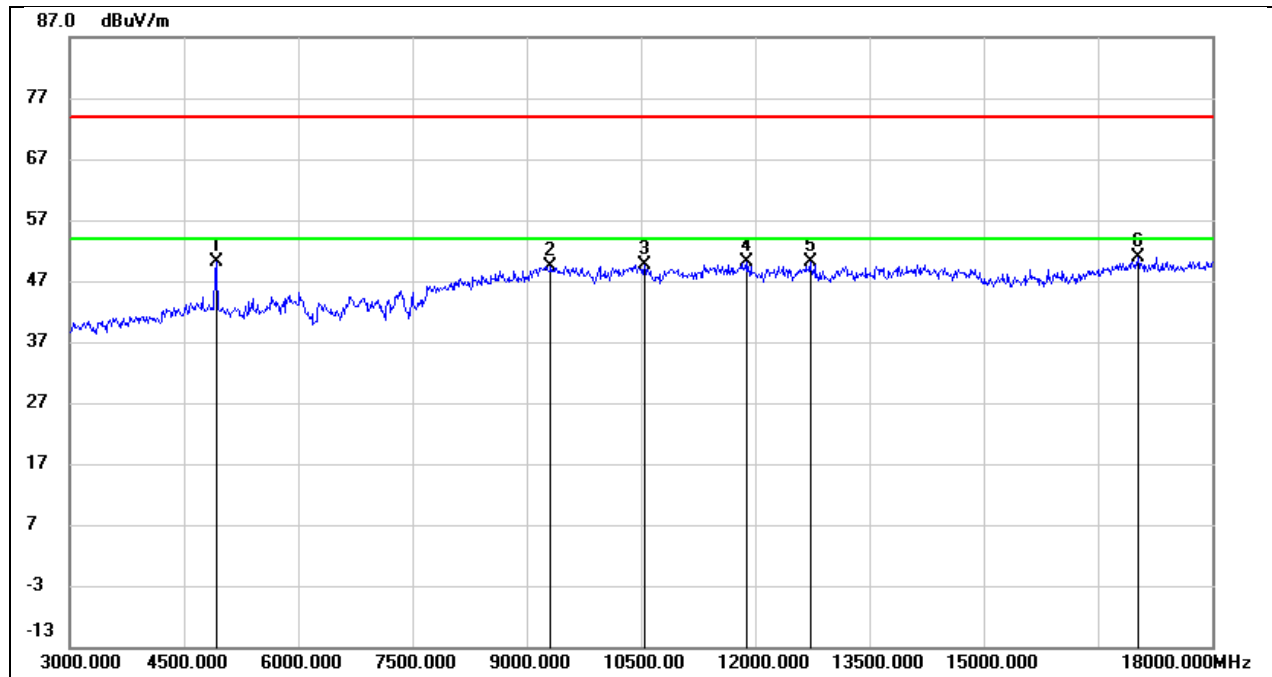
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	47.47	1.73	49.20	74.00	-24.80	peak
2	7305.000	43.23	7.68	50.91	74.00	-23.09	peak
3	9240.000	37.89	11.46	49.35	74.00	-24.65	peak
4	12600.000	31.70	18.01	49.71	74.00	-24.29	peak
5	13575.000	28.55	20.90	49.45	74.00	-24.55	peak
6	17610.000	24.98	25.74	50.72	74.00	-23.28	peak

Test Mode:	802.11g	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



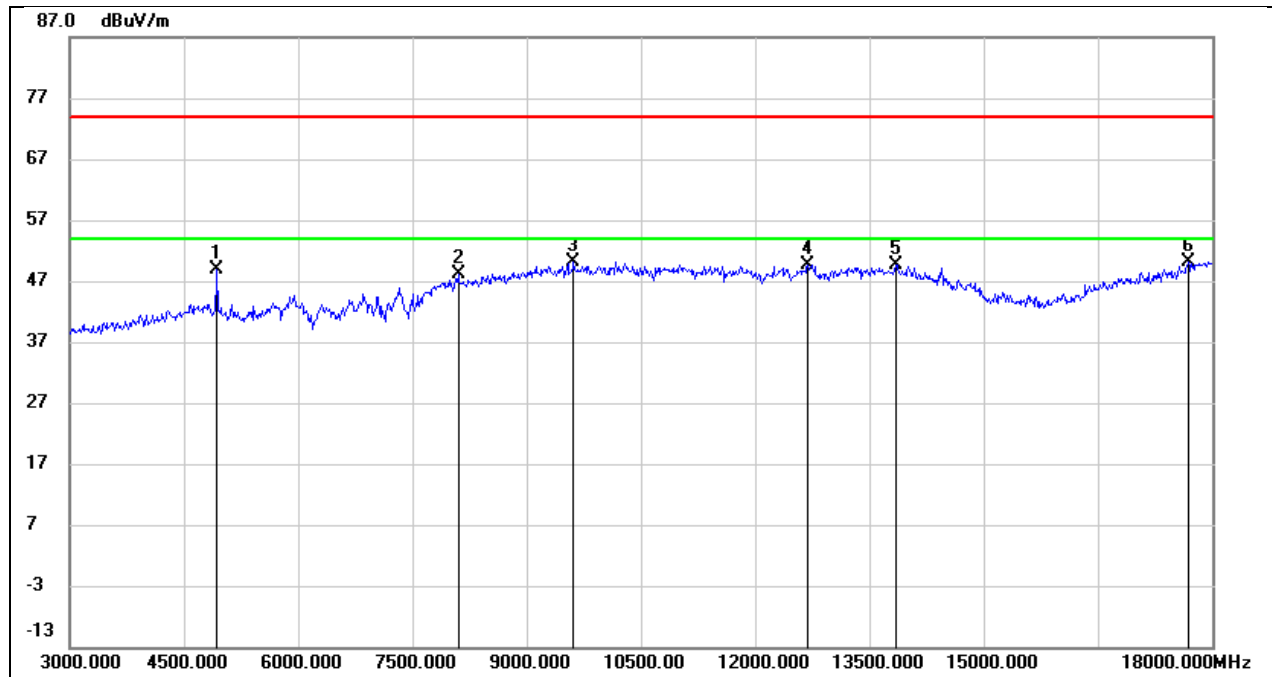
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	47.99	0.76	48.75	74.00	-25.25	peak
2	9315.000	37.53	11.58	49.11	74.00	-24.89	peak
3	10275.000	36.31	13.36	49.67	74.00	-24.33	peak
4	11715.000	30.78	18.35	49.13	74.00	-24.87	peak
5	14025.000	25.68	23.74	49.42	74.00	-24.58	peak
6	17985.000	21.43	29.49	50.92	74.00	-23.08	peak

Test Mode:	802.11g	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



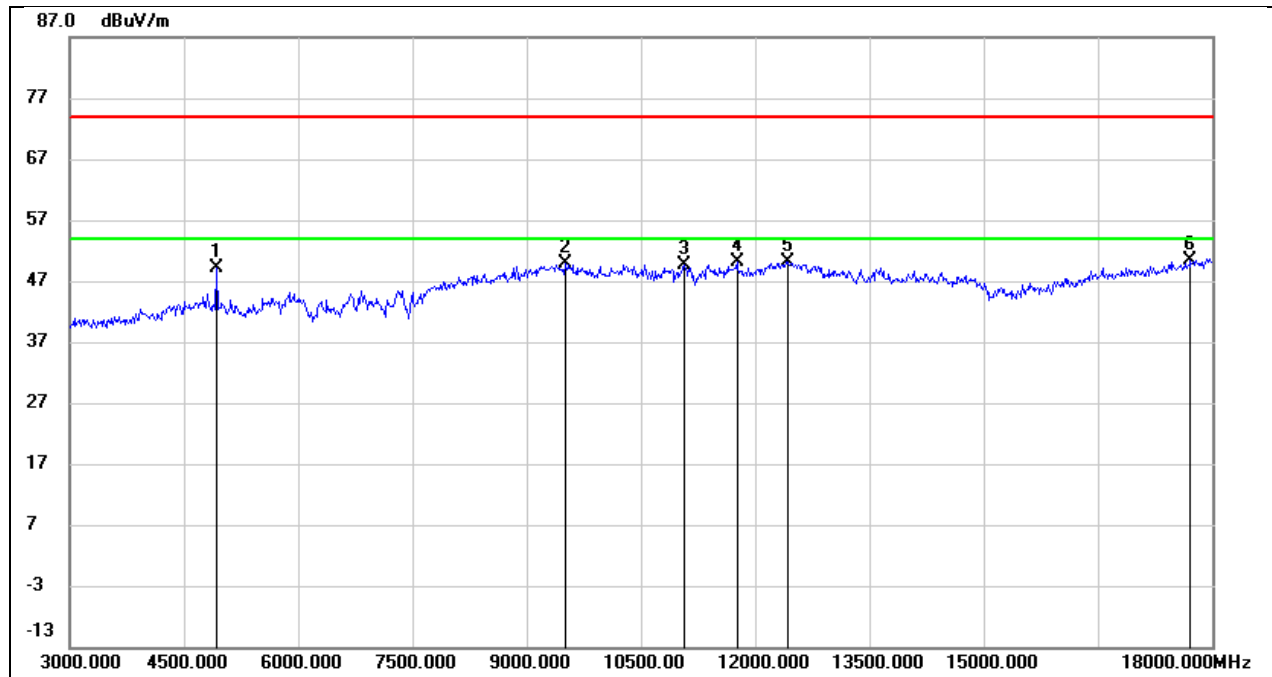
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	48.29	1.91	50.20	74.00	-23.80	peak
2	9315.000	37.69	11.73	49.42	74.00	-24.58	peak
3	10545.000	36.14	13.61	49.75	74.00	-24.25	peak
4	11895.000	32.78	17.43	50.21	74.00	-23.79	peak
5	12720.000	31.84	18.26	50.10	74.00	-23.90	peak
6	17025.000	25.72	25.19	50.91	74.00	-23.09	peak

Test Mode:	802.11g	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	48.01	0.80	48.81	74.00	-25.19	peak
2	8100.000	39.78	8.29	48.07	74.00	-25.93	peak
3	9615.000	37.26	12.87	50.13	74.00	-23.87	peak
4	12690.000	30.44	19.21	49.65	74.00	-24.35	peak
5	13845.000	26.42	23.12	49.54	74.00	-24.46	peak
6	17685.000	23.28	26.77	50.05	74.00	-23.95	peak

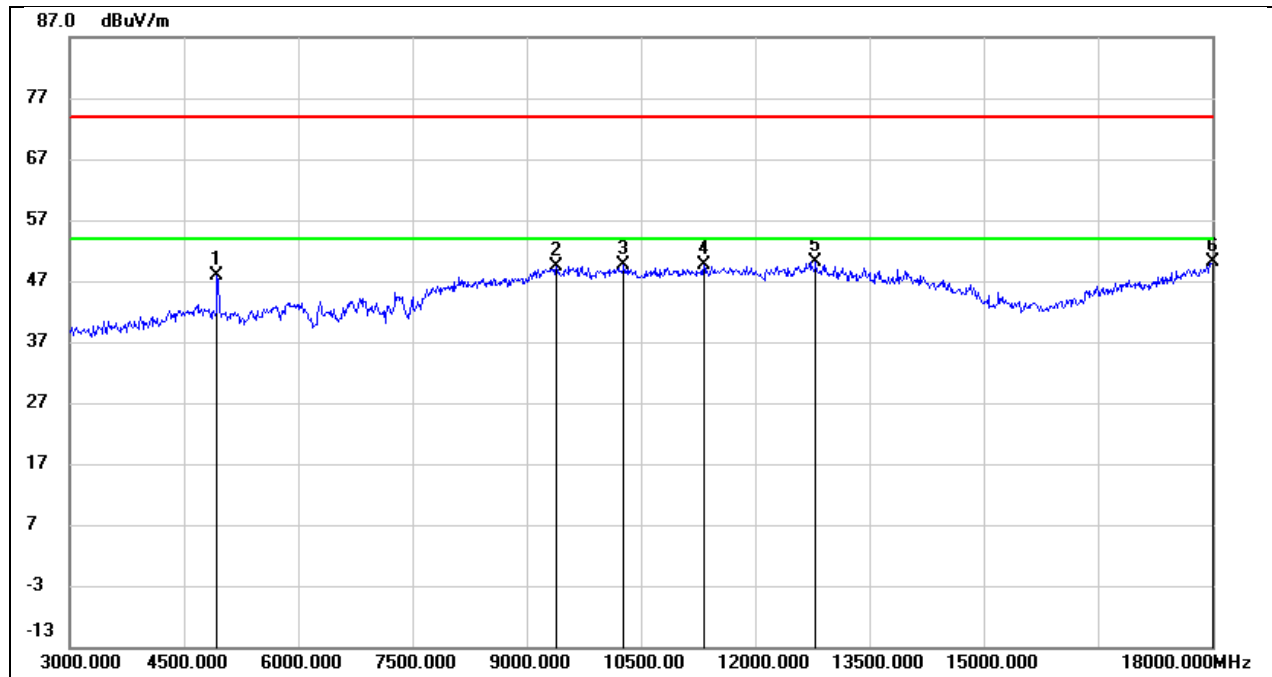
Test Mode:	802.11g	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	47.32	1.91	49.23	74.00	-24.77	peak
2	9510.000	37.56	12.44	50.00	74.00	-24.00	peak
3	11070.000	34.16	15.47	49.63	74.00	-24.37	peak
4	11760.000	32.98	17.13	50.11	74.00	-23.89	peak
5	12435.000	32.22	18.02	50.24	74.00	-23.76	peak
6	17715.000	24.33	26.04	50.37	74.00	-23.63	peak

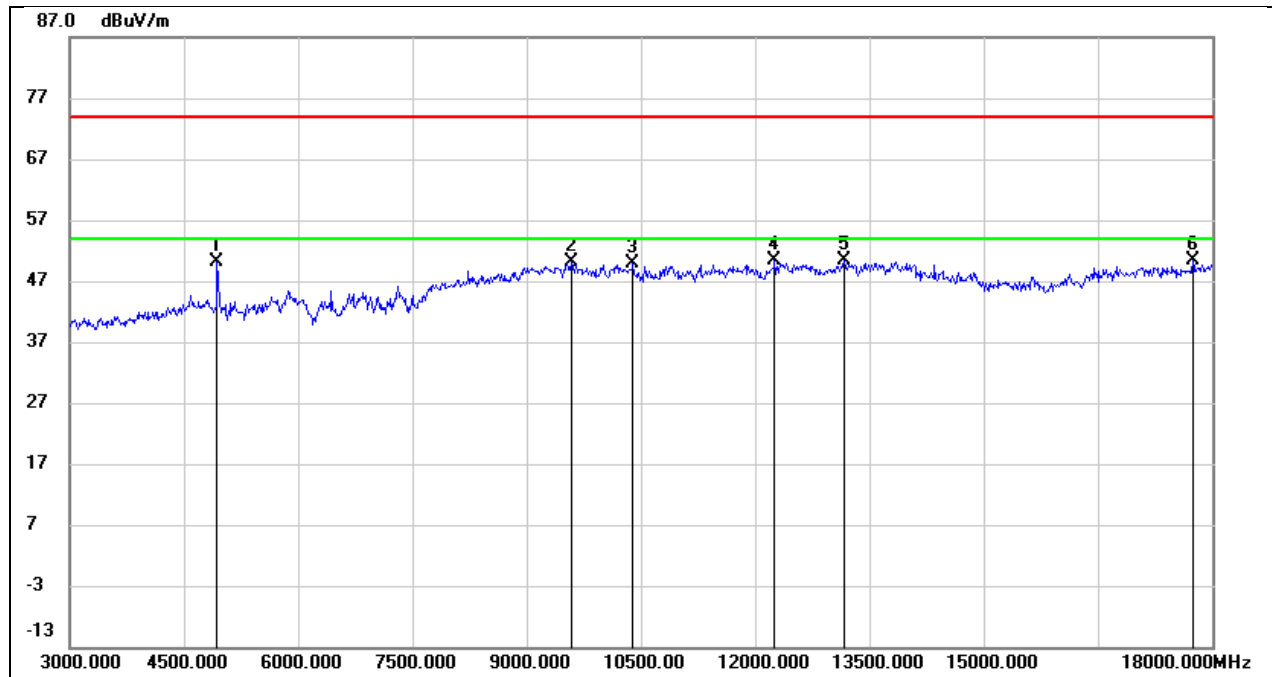


Test Mode:	802.11g	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



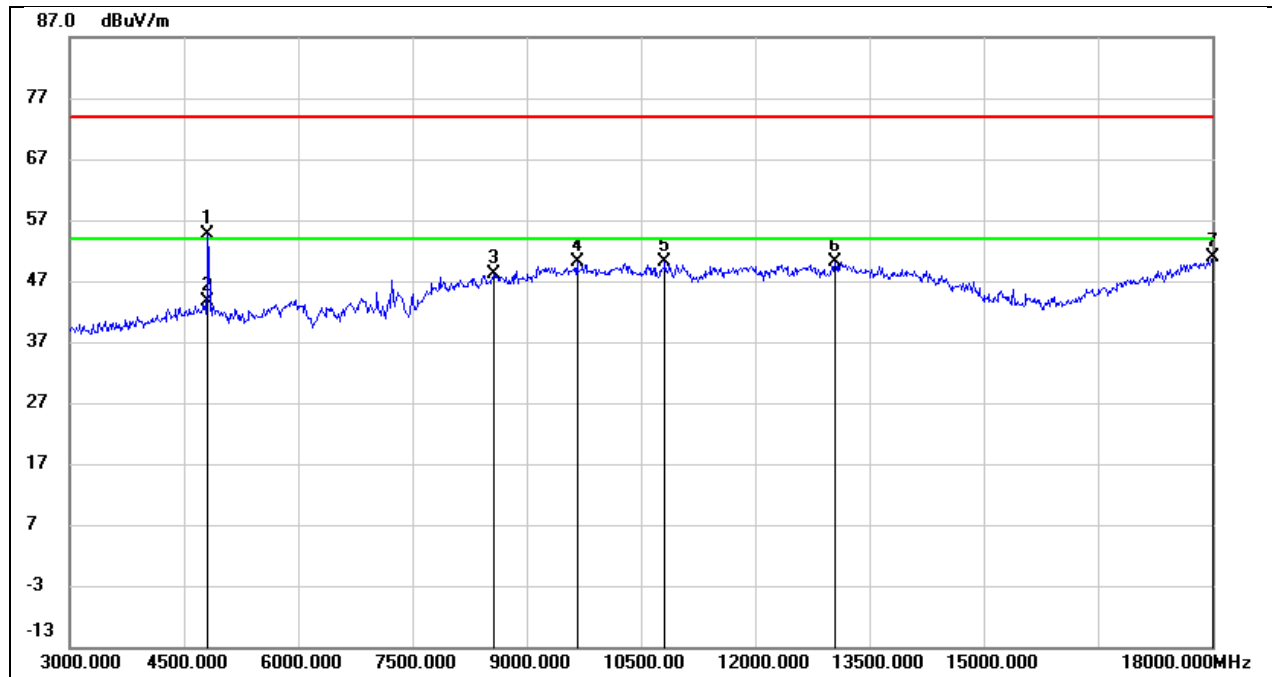
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	47.01	0.80	47.81	74.00	-26.19	peak
2	9390.000	37.50	11.90	49.40	74.00	-24.60	peak
3	10275.000	36.20	13.36	49.56	74.00	-24.44	peak
4	11325.000	32.22	17.43	49.65	74.00	-24.35	peak
5	12795.000	30.71	19.48	50.19	74.00	-23.81	peak
6	18000.000	20.41	29.64	50.05	74.00	-23.95	peak

Test Mode:	802.11g	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



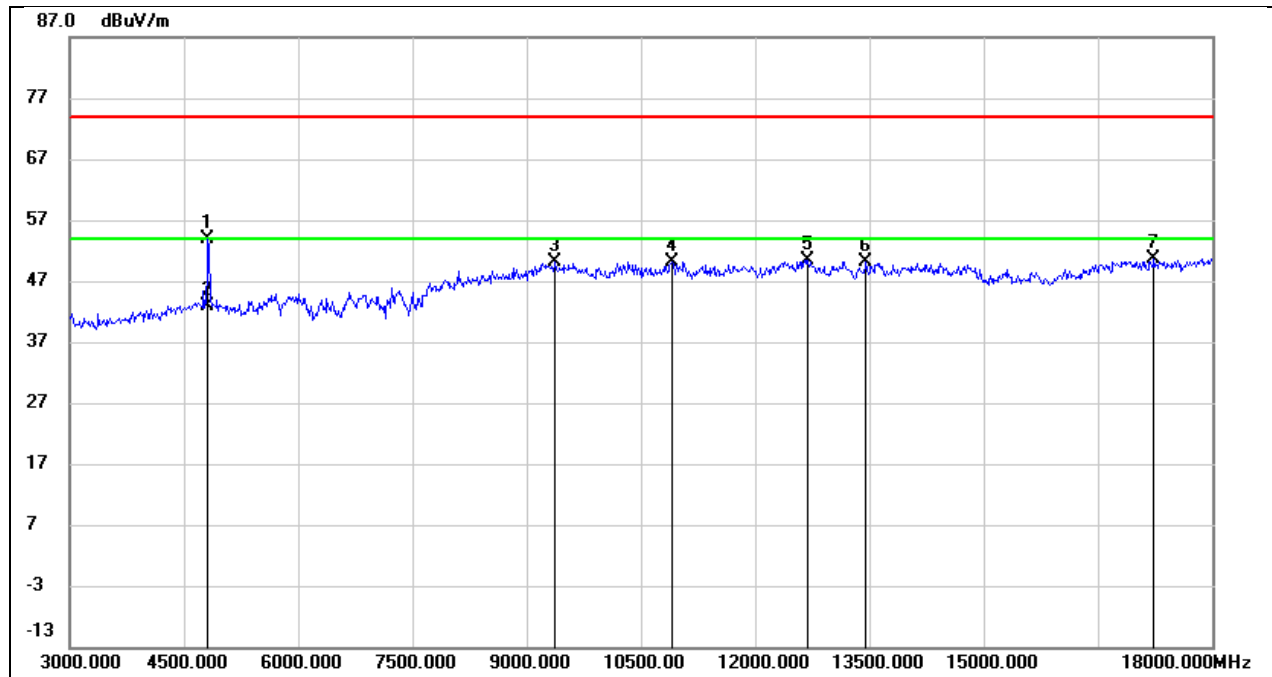
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	48.20	1.96	50.16	74.00	-23.84	peak
2	9585.000	37.53	12.65	50.18	74.00	-23.82	peak
3	10395.000	36.64	13.17	49.81	74.00	-24.19	peak
4	12255.000	32.69	17.80	50.49	74.00	-23.51	peak
5	13170.000	30.73	19.67	50.40	74.00	-23.60	peak
6	17745.000	24.17	26.12	50.29	74.00	-23.71	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



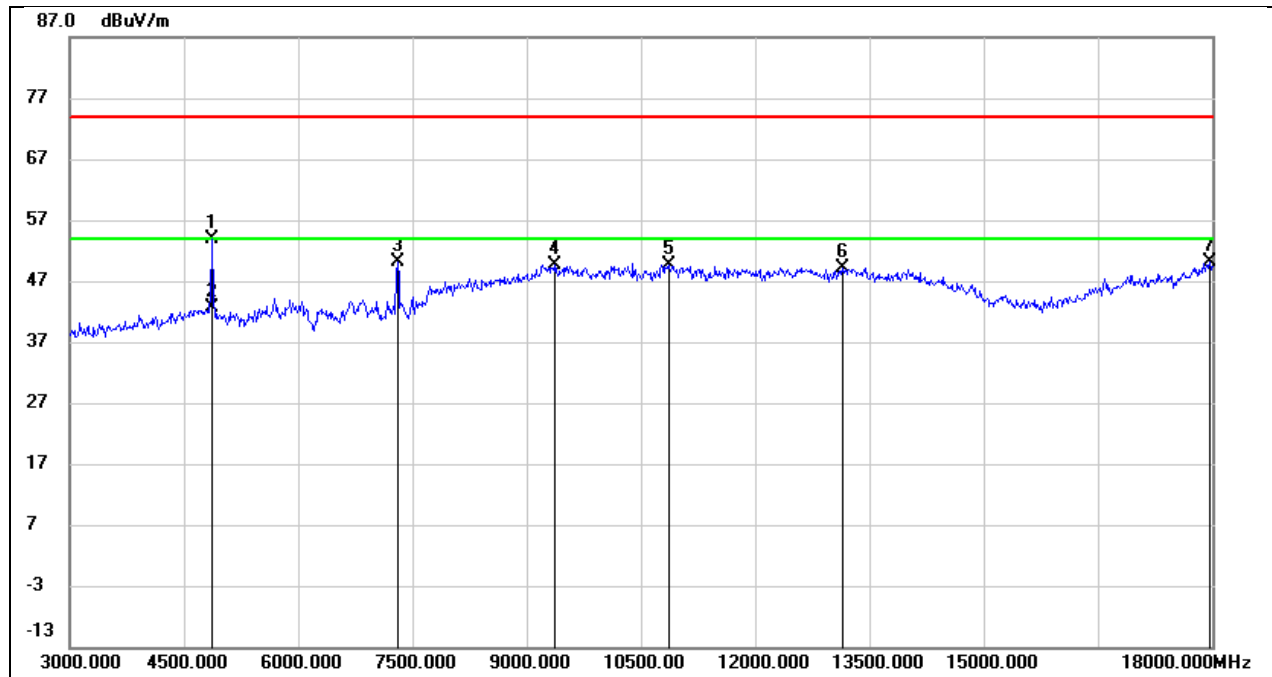
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	54.09	0.50	54.59	74.00	-19.41	peak
2	4815.000	43.12	0.50	43.62	54.00	-10.38	AVG
3	8565.000	38.99	9.21	48.20	74.00	-25.80	peak
4	9660.000	37.17	12.97	50.14	74.00	-23.86	peak
5	10815.000	35.07	14.96	50.03	74.00	-23.97	peak
6	13050.000	29.78	20.40	50.18	74.00	-23.82	peak
7	18000.000	21.17	29.64	50.81	74.00	-23.19	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



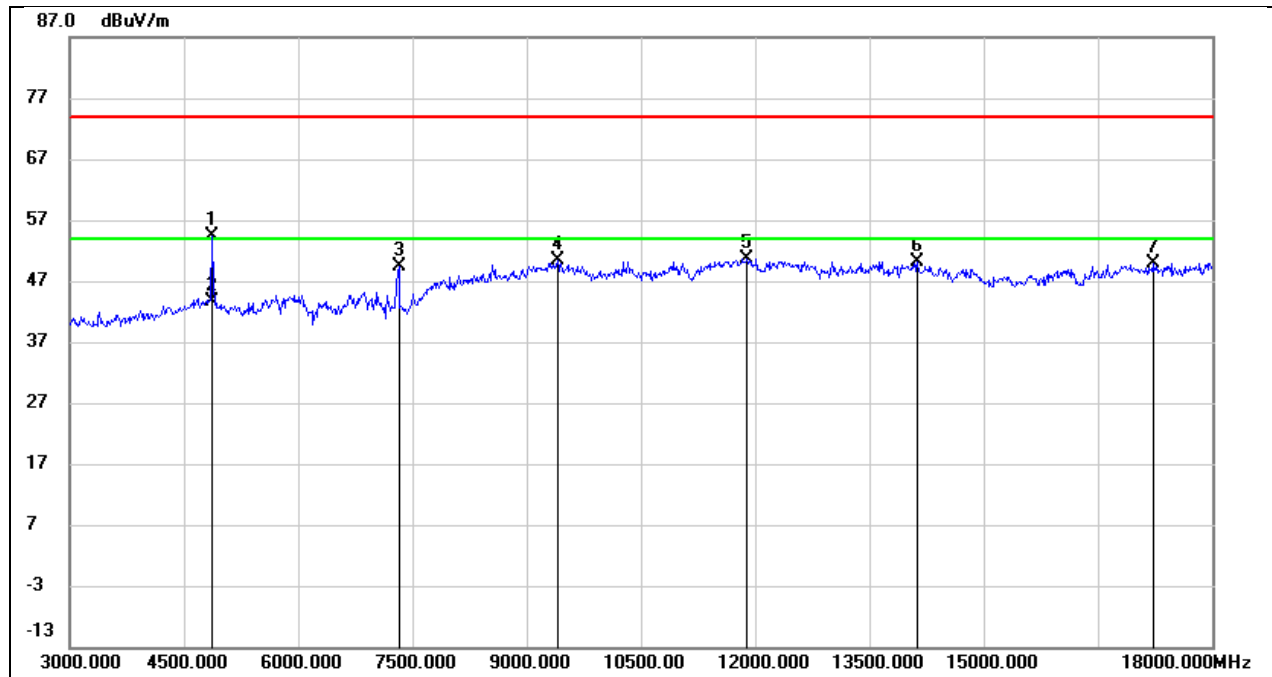
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	52.24	1.59	53.83	74.00	-20.17	peak
2	4815.000	41.20	1.59	42.79	54.00	-11.21	AVG
3	9375.000	38.18	11.94	50.12	74.00	-23.88	peak
4	10905.000	35.47	14.75	50.22	74.00	-23.78	peak
5	12690.000	32.19	18.19	50.38	74.00	-23.62	peak
6	13455.000	29.52	20.62	50.14	74.00	-23.86	peak
7	17235.000	25.19	25.33	50.52	74.00	-23.48	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



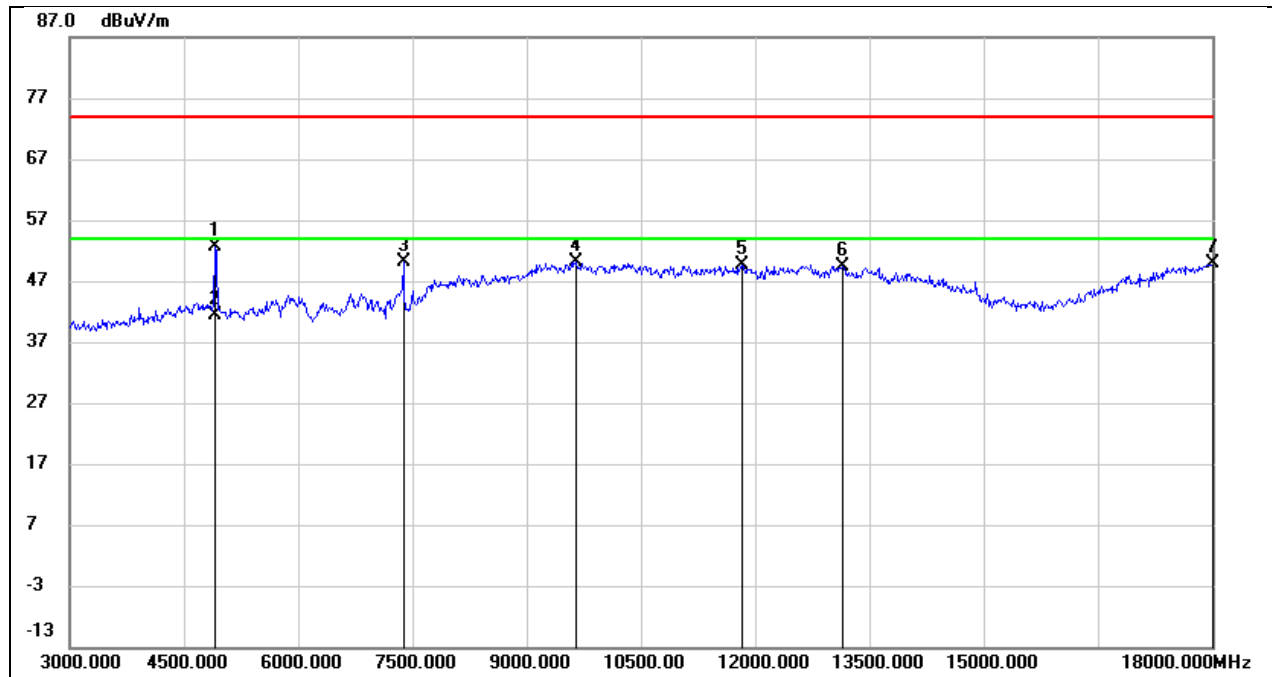
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	53.17	0.65	53.82	74.00	-20.18	peak
2	4875.000	42.06	0.65	42.71	54.00	-11.29	AVG
3	7305.000	43.15	7.03	50.18	74.00	-23.82	peak
4	9375.000	37.88	11.84	49.72	74.00	-24.28	peak
5	10860.000	34.53	15.20	49.73	74.00	-24.27	peak
6	13140.000	28.36	20.89	49.25	74.00	-24.75	peak
7	17970.000	20.73	29.33	50.06	74.00	-23.94	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



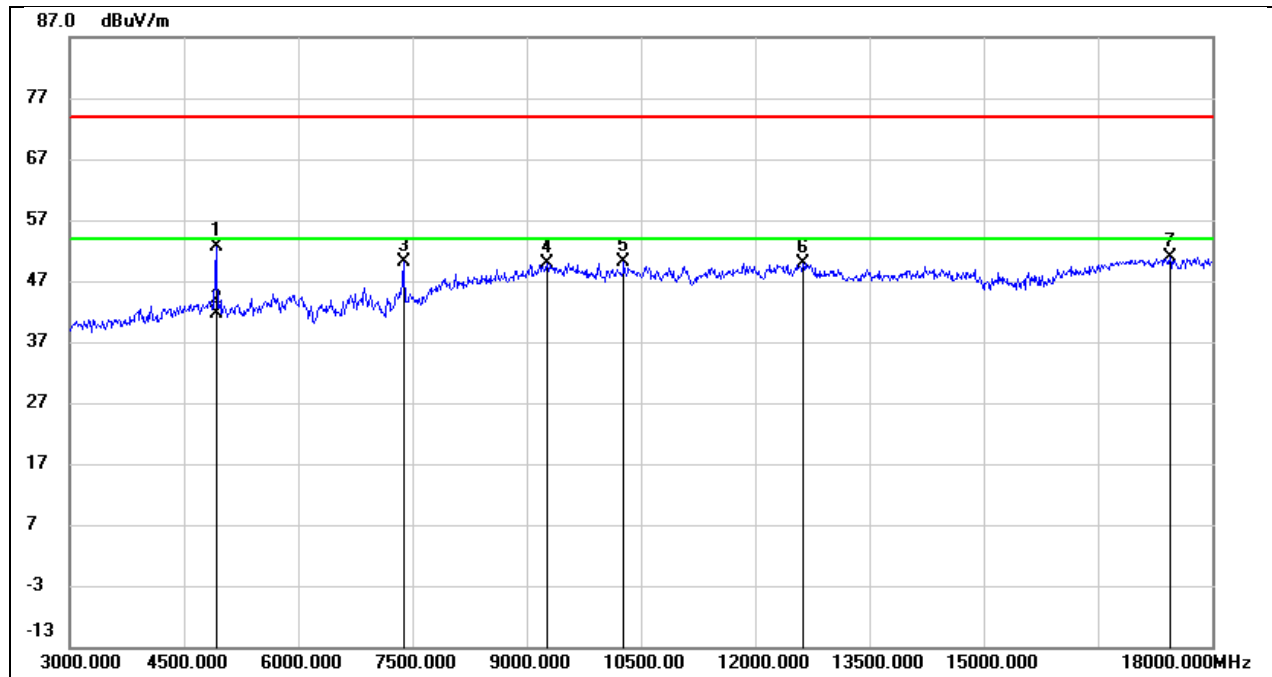
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	52.63	1.73	54.36	74.00	-19.64	peak
2	4860.000	41.82	1.73	43.55	54.00	-10.45	AVG
3	7320.000	41.77	7.69	49.46	74.00	-24.54	peak
4	9405.000	38.37	12.04	50.41	74.00	-23.59	peak
5	11895.000	33.26	17.43	50.69	74.00	-23.31	peak
6	14130.000	27.96	22.24	50.20	74.00	-23.80	peak
7	17220.000	24.66	25.33	49.99	74.00	-24.01	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4905.000	51.82	0.72	52.54	74.00	-21.46	peak
2	4905.000	40.54	0.72	41.26	54.00	-12.74	AVG
3	7380.000	42.91	7.13	50.04	74.00	-23.96	peak
4	9645.000	37.24	12.94	50.18	74.00	-23.82	peak
5	11820.000	31.09	18.51	49.60	74.00	-24.40	peak
6	13140.000	28.60	20.89	49.49	74.00	-24.51	peak
7	18000.000	20.19	29.64	49.83	74.00	-24.17	peak

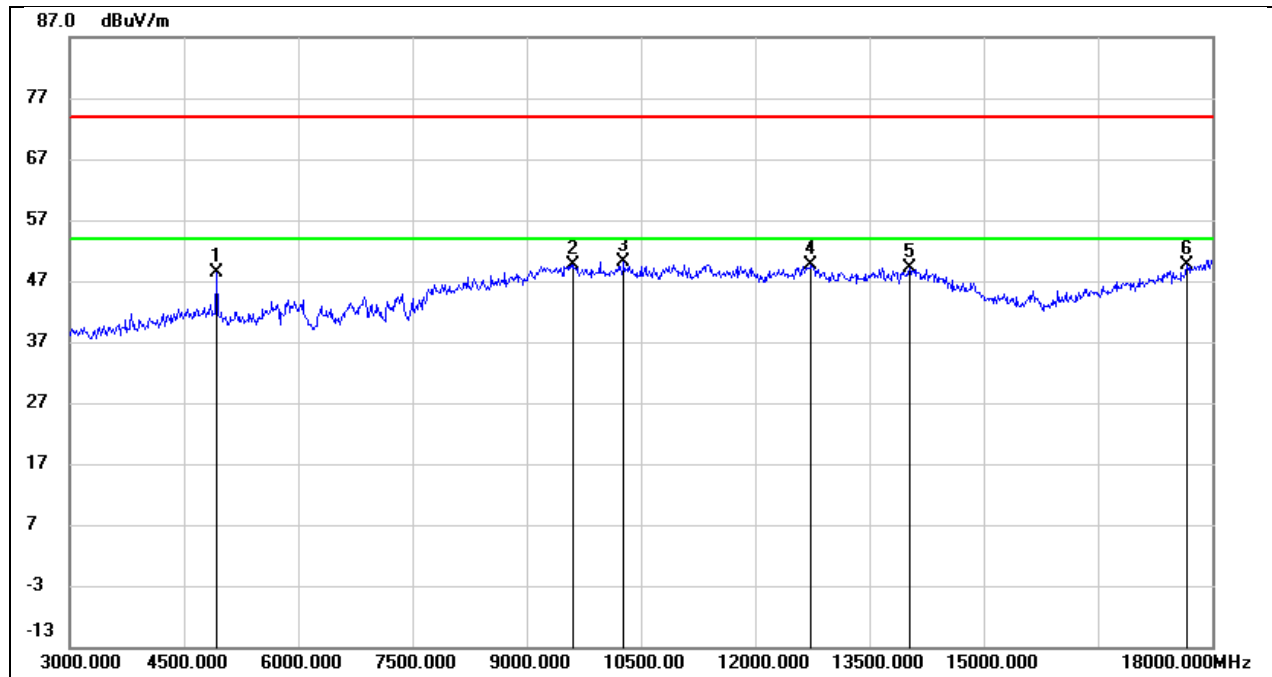
Test Mode:	802.11n HT20	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	50.71	1.91	52.62	74.00	-21.38	peak
2	4920.000	39.78	1.91	41.69	54.00	-12.31	AVG
3	7380.000	42.30	7.73	50.03	74.00	-23.97	peak
4	9270.000	38.36	11.57	49.93	74.00	-24.07	peak
5	10275.000	37.24	12.93	50.17	74.00	-23.83	peak
6	12630.000	31.91	18.07	49.98	74.00	-24.02	peak
7	17445.000	25.54	25.42	50.96	74.00	-23.04	peak

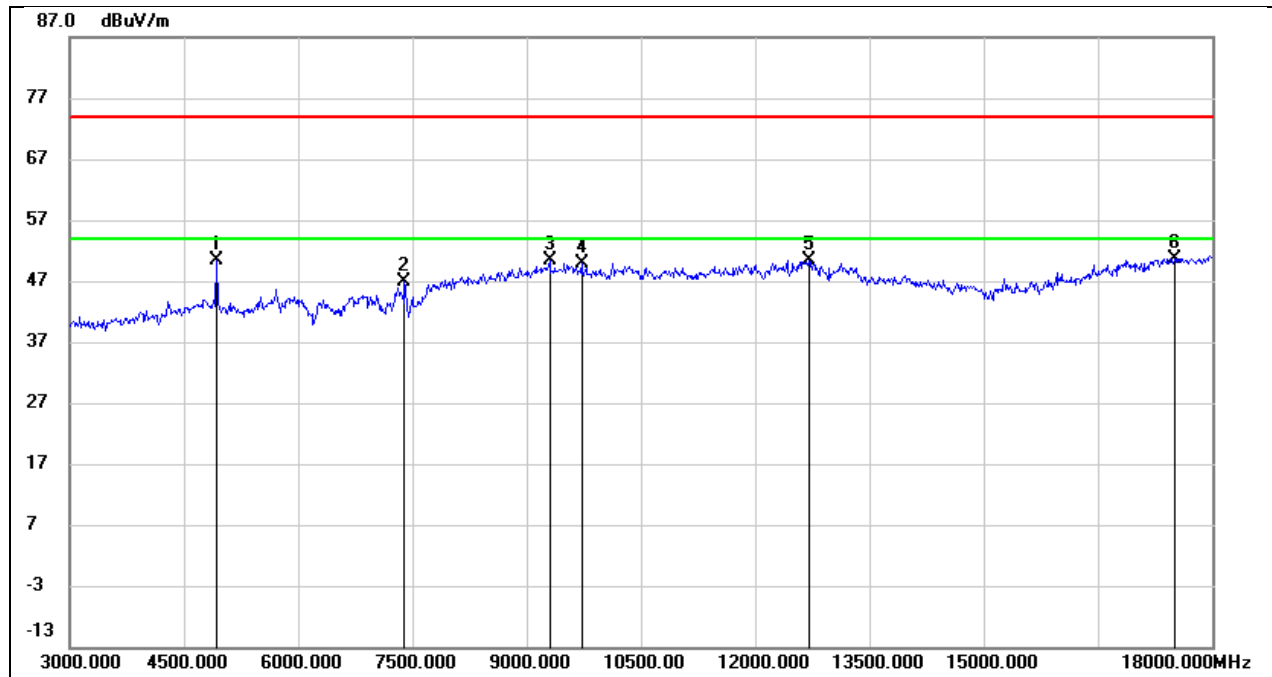


Test Mode:	802.11n HT20	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



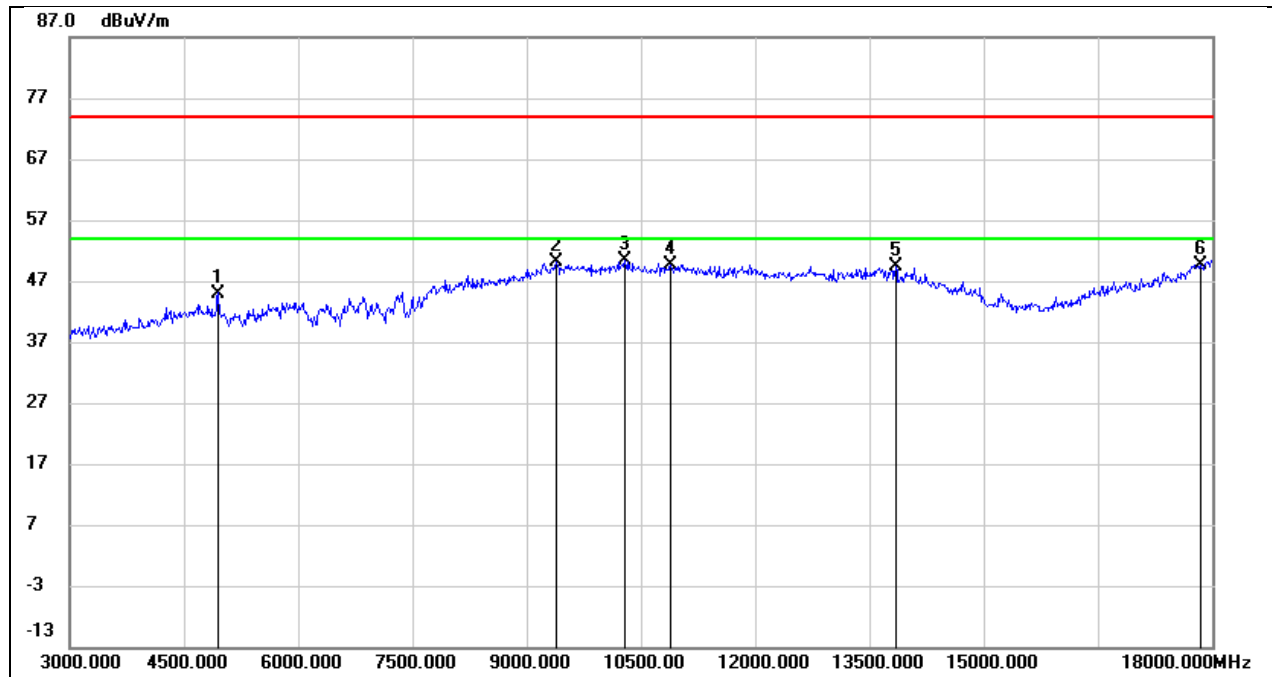
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	47.59	0.80	48.39	74.00	-25.61	peak
2	9615.000	36.78	12.87	49.65	74.00	-24.35	peak
3	10275.000	36.86	13.36	50.22	74.00	-23.78	peak
4	12735.000	30.22	19.33	49.55	74.00	-24.45	peak
5	14025.000	25.37	23.74	49.11	74.00	-24.89	peak
6	17670.000	22.96	26.66	49.62	74.00	-24.38	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



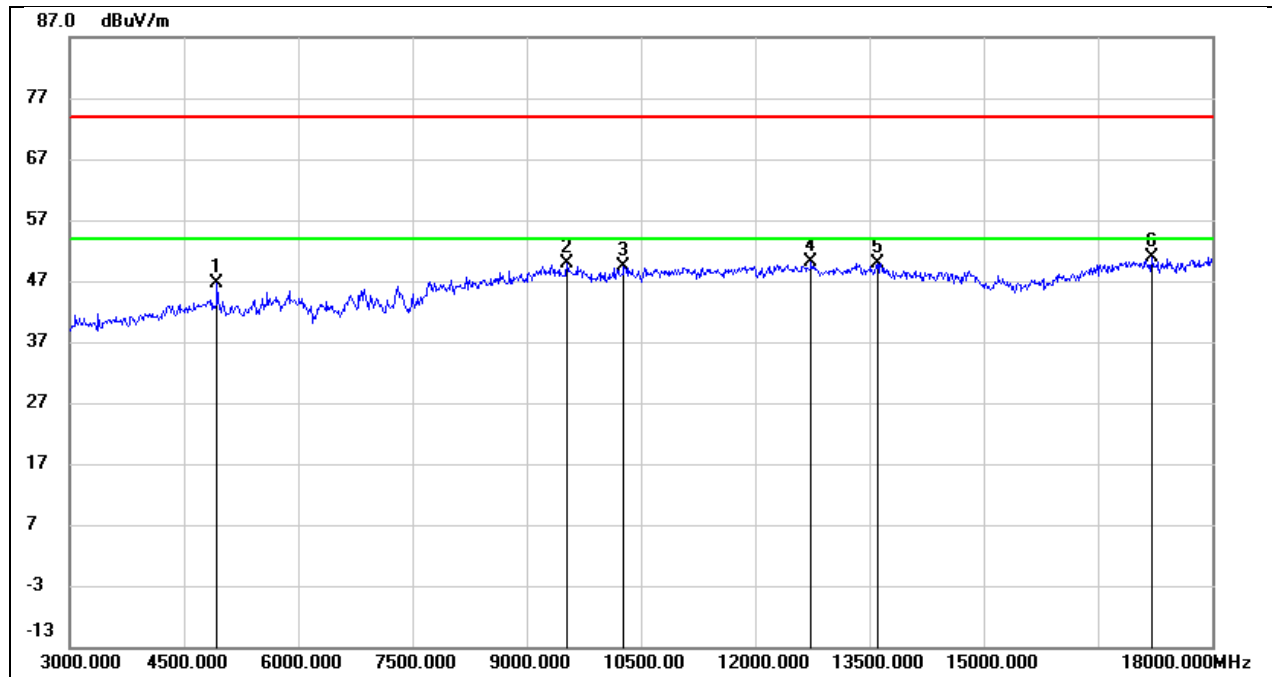
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	48.43	1.91	50.34	74.00	-23.66	peak
2	7395.000	39.11	7.74	46.85	74.00	-27.15	peak
3	9300.000	38.58	11.68	50.26	74.00	-23.74	peak
4	9720.000	37.02	12.80	49.82	74.00	-24.18	peak
5	12705.000	32.16	18.22	50.38	74.00	-23.62	peak
6	17505.000	25.25	25.45	50.70	74.00	-23.30	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



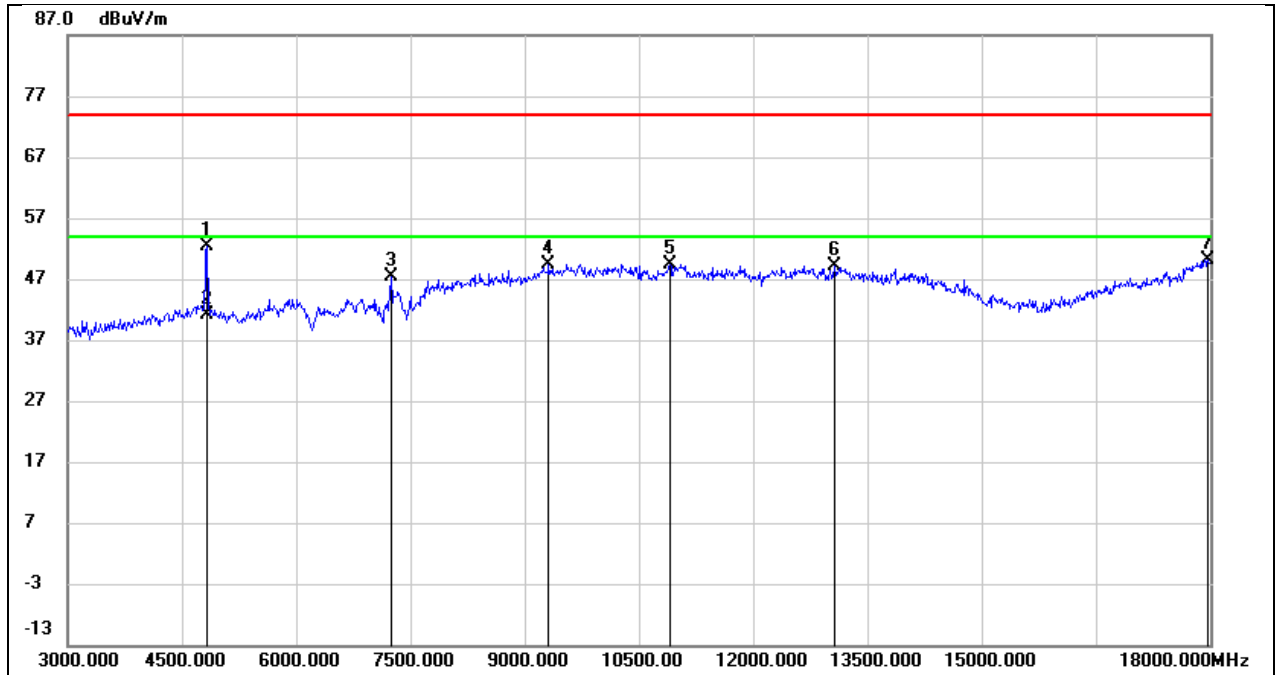
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	44.17	0.83	45.00	74.00	-29.00	peak
2	9390.000	38.21	11.90	50.11	74.00	-23.89	peak
3	10290.000	37.05	13.37	50.42	74.00	-23.58	peak
4	10890.000	34.28	15.36	49.64	74.00	-24.36	peak
5	13845.000	26.18	23.12	49.30	74.00	-24.70	peak
6	17850.000	21.56	28.11	49.67	74.00	-24.33	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



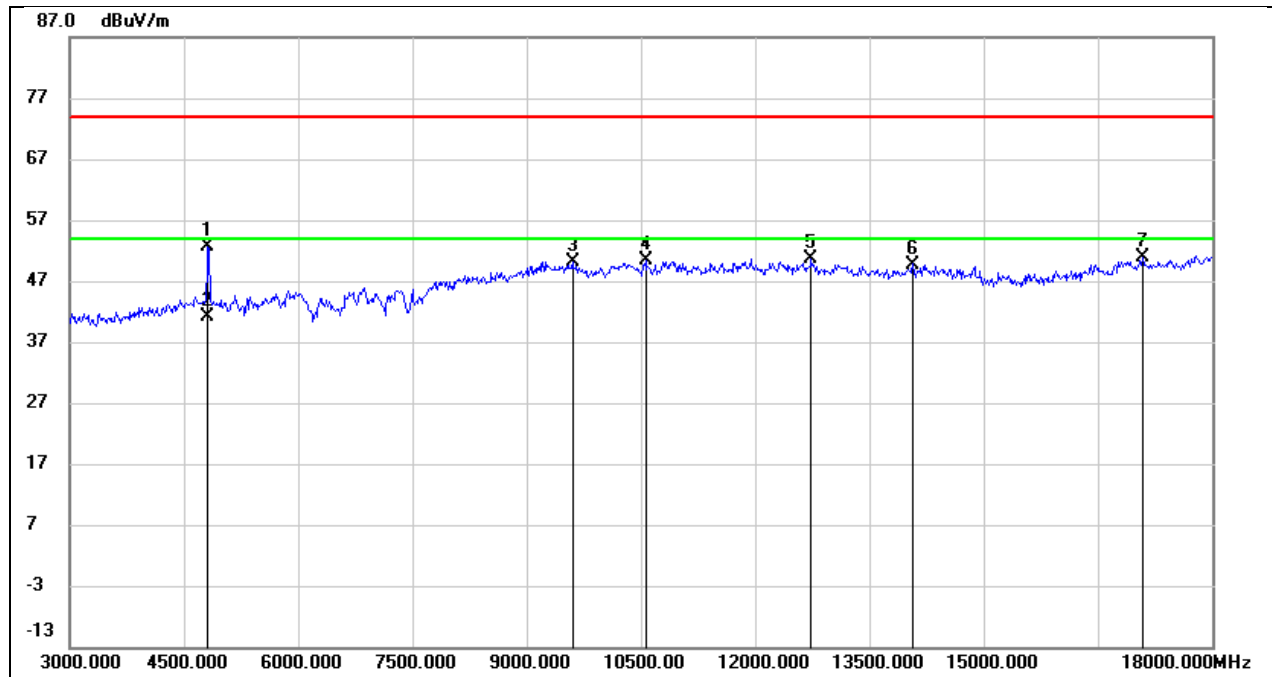
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	44.71	1.96	46.67	74.00	-27.33	peak
2	9525.000	37.28	12.48	49.76	74.00	-24.24	peak
3	10275.000	36.42	12.93	49.35	74.00	-24.65	peak
4	12735.000	31.93	18.29	50.22	74.00	-23.78	peak
5	13605.000	28.95	20.95	49.90	74.00	-24.10	peak
6	17205.000	25.54	25.32	50.86	74.00	-23.14	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



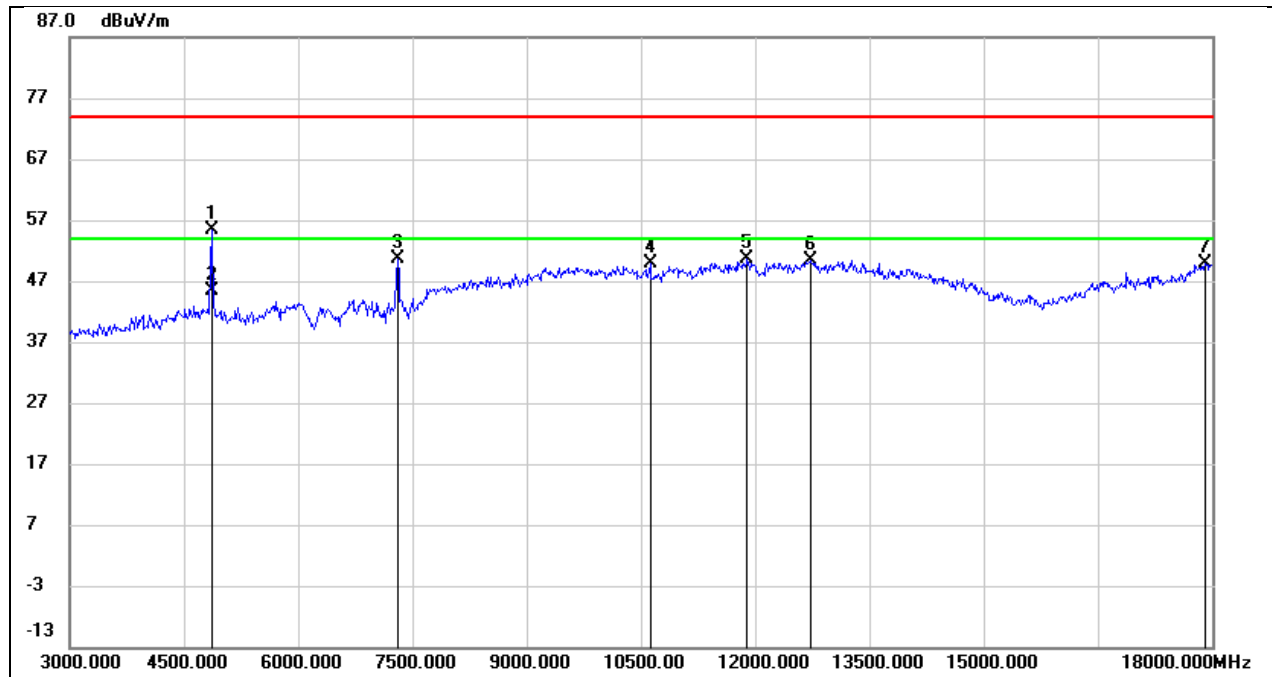
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.000	51.72	0.54	52.26	74.00	-21.74	peak
2	4830.000	40.56	0.54	41.10	54.00	-12.90	AVG
3	7245.000	40.46	6.95	47.41	74.00	-26.59	peak
4	9315.000	37.84	11.58	49.42	74.00	-24.58	peak
5	10905.000	34.02	15.44	49.46	74.00	-24.54	peak
6	13065.000	28.56	20.48	49.04	74.00	-24.96	peak
7	17970.000	20.89	29.33	50.22	74.00	-23.78	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



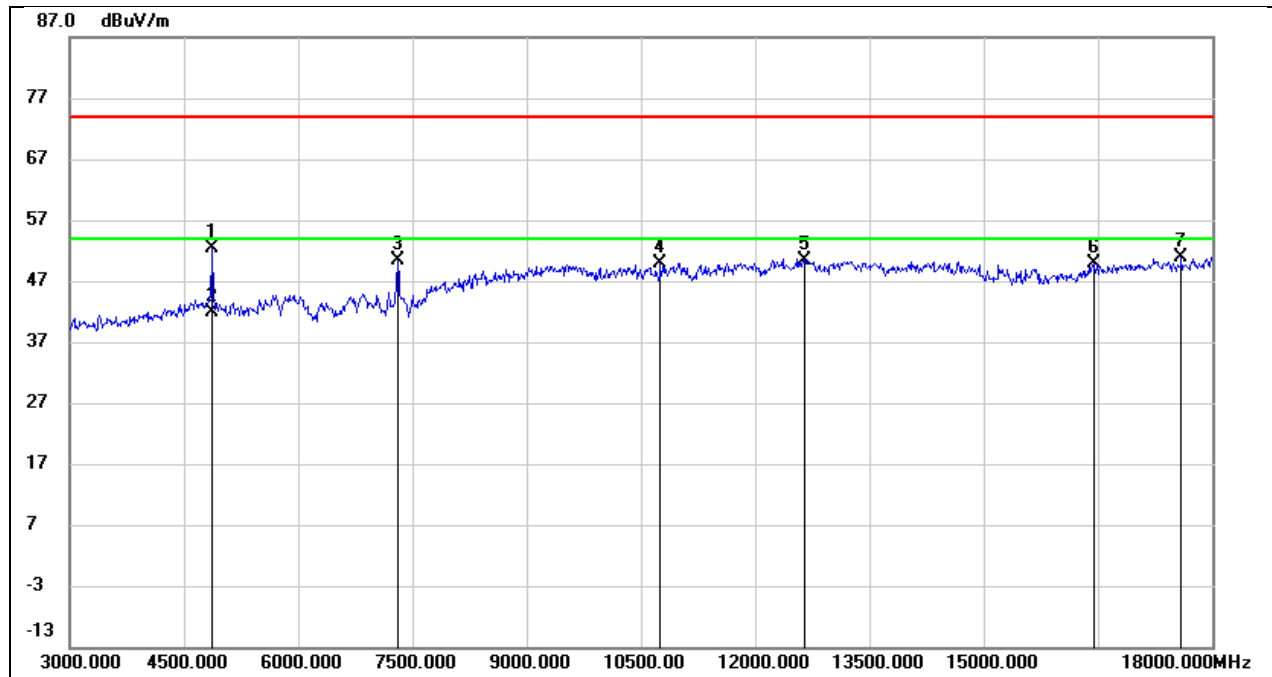
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	51.03	1.59	52.62	74.00	-21.38	peak
2	4815.000	39.65	1.59	41.24	54.00	-12.76	AVG
3	9600.000	37.50	12.69	50.19	74.00	-23.81	peak
4	10560.000	36.66	13.65	50.31	74.00	-23.69	peak
5	12735.000	32.26	18.29	50.55	74.00	-23.45	peak
6	14070.000	27.52	22.23	49.75	74.00	-24.25	peak
7	17085.000	25.60	25.24	50.84	74.00	-23.16	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	54.85	0.62	55.47	74.00	-18.53	peak
2	4860.000	44.74	0.62	45.36	54.00	-8.64	AVG
3	7305.000	43.52	7.03	50.55	74.00	-23.45	peak
4	10620.000	35.74	14.15	49.89	74.00	-24.11	peak
5	11895.000	31.97	18.61	50.58	74.00	-23.42	peak
6	12735.000	30.99	19.33	50.32	74.00	-23.68	peak
7	17910.000	21.08	28.73	49.81	74.00	-24.19	peak

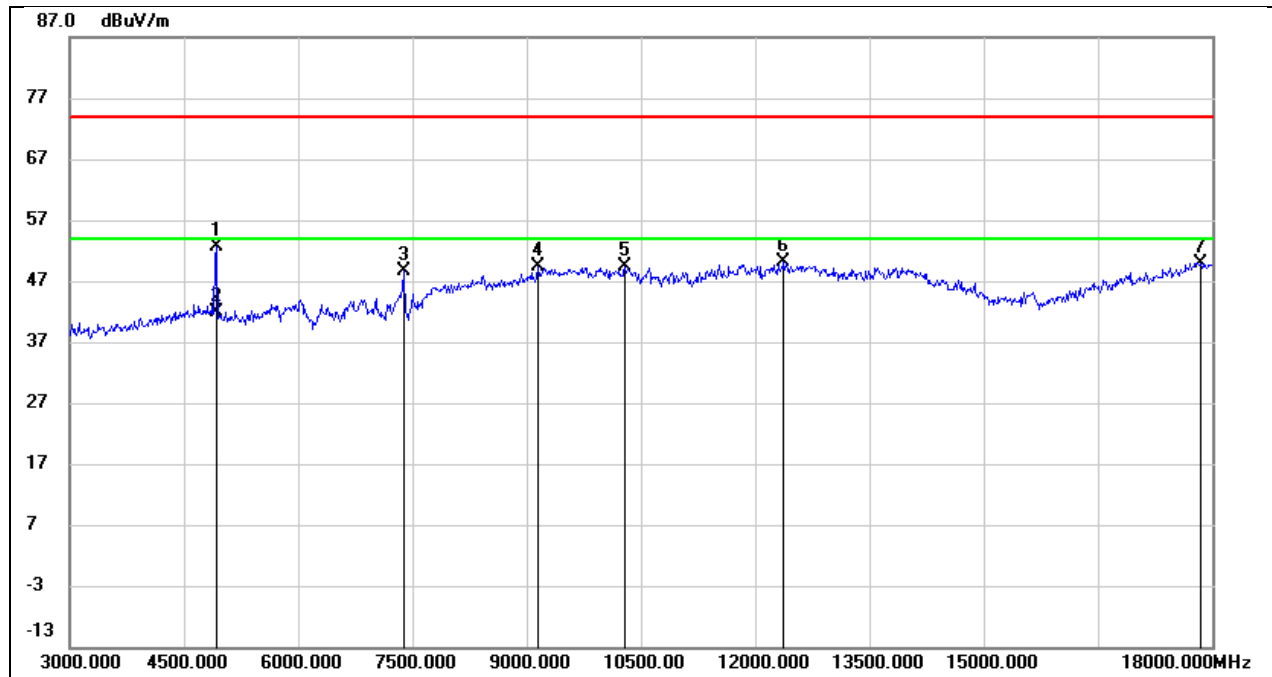
Test Mode:	802.11ax HE20	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	50.54	1.78	52.32	74.00	-21.68	peak
2	4875.000	40.07	1.78	41.85	54.00	-12.15	AVG
3	7305.000	42.82	7.68	50.50	74.00	-23.50	peak
4	10755.000	35.63	14.18	49.81	74.00	-24.19	peak
5	12645.000	32.27	18.11	50.38	74.00	-23.62	peak
6	16455.000	25.89	23.90	49.79	74.00	-24.21	peak
7	17595.000	25.07	25.69	50.76	74.00	-23.24	peak

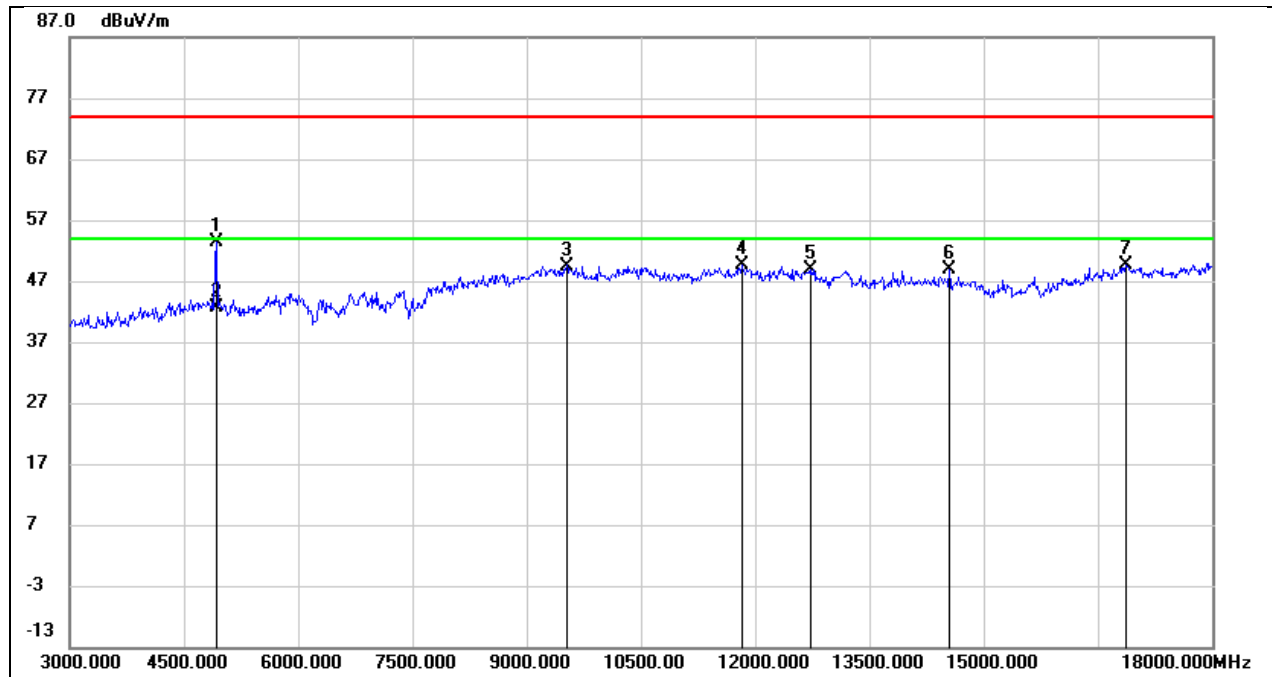


Test Mode:	802.11ax HE20	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



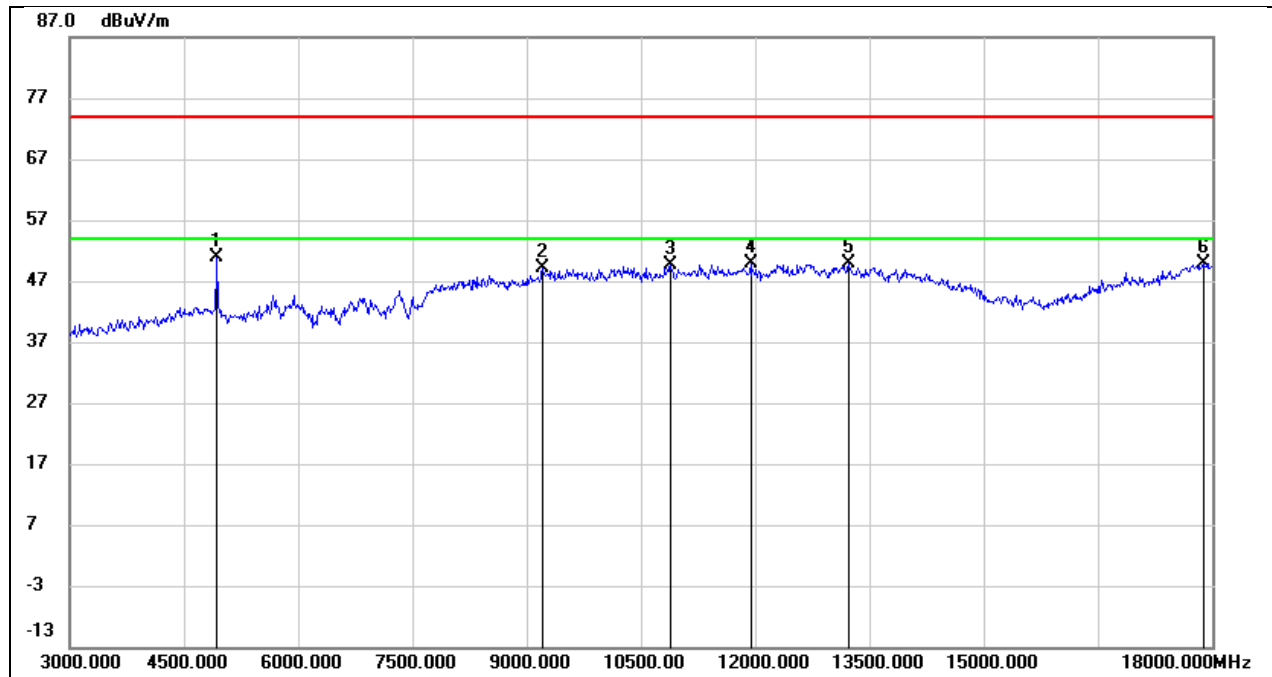
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	51.77	0.76	52.53	74.00	-21.47	peak
2	4920.000	41.19	0.76	41.95	54.00	-12.05	AVG
3	7380.000	41.42	7.13	48.55	74.00	-25.45	peak
4	9150.000	38.61	10.87	49.48	74.00	-24.52	peak
5	10290.000	35.89	13.37	49.26	74.00	-24.74	peak
6	12375.000	31.21	18.94	50.15	74.00	-23.85	peak
7	17850.000	21.85	28.11	49.96	74.00	-24.04	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



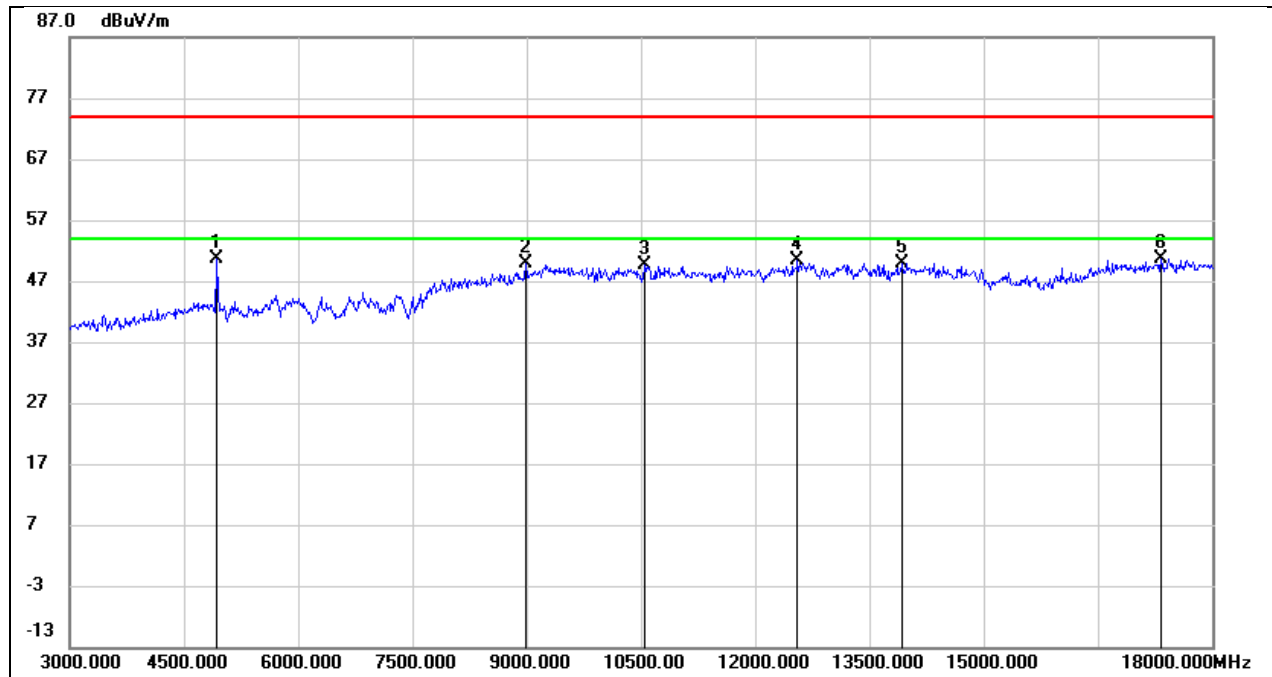
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	51.40	1.91	53.31	74.00	-20.69	peak
2	4920.000	40.66	1.91	42.57	54.00	-11.43	AVG
3	9525.000	37.02	12.48	49.50	74.00	-24.50	peak
4	11820.000	32.35	17.27	49.62	74.00	-24.38	peak
5	12735.000	30.66	18.29	48.95	74.00	-25.05	peak
6	14550.000	27.28	21.49	48.77	74.00	-25.23	peak
7	16860.000	24.73	25.00	49.73	74.00	-24.27	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



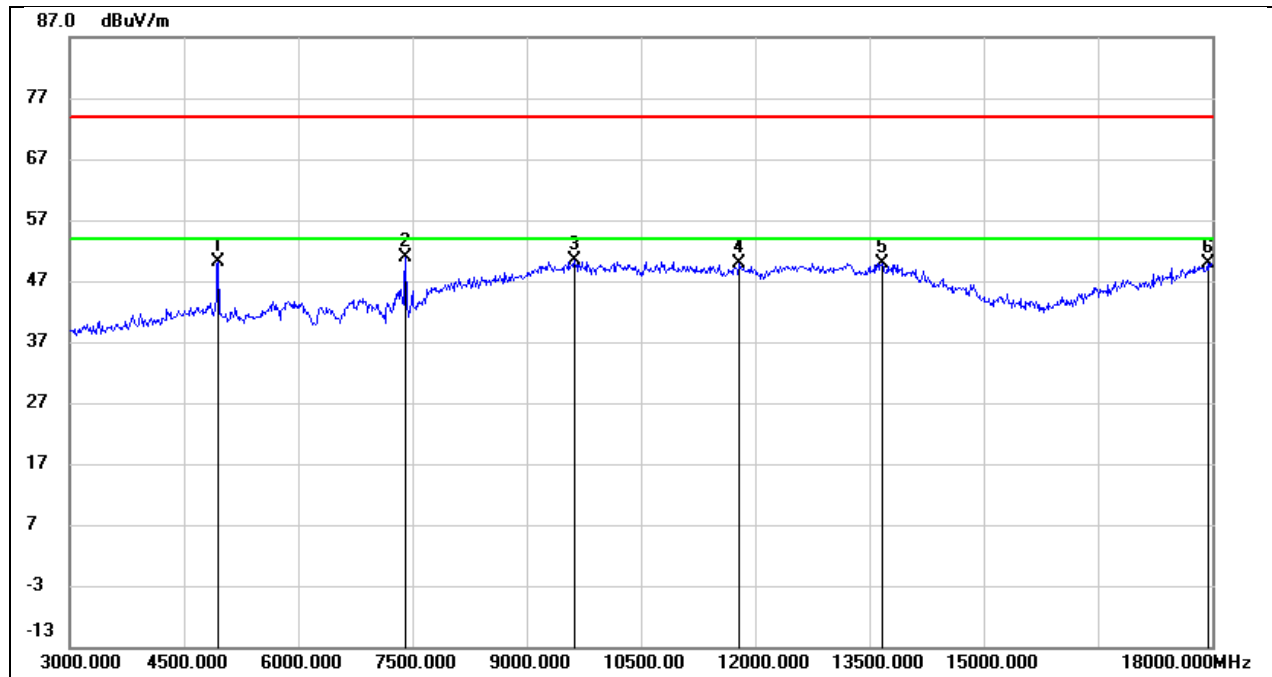
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	50.14	0.80	50.94	74.00	-23.06	peak
2	9210.000	38.05	11.13	49.18	74.00	-24.82	peak
3	10890.000	34.38	15.36	49.74	74.00	-24.26	peak
4	11940.000	31.22	18.65	49.87	74.00	-24.13	peak
5	13230.000	28.44	21.33	49.77	74.00	-24.23	peak
6	17880.000	21.43	28.42	49.85	74.00	-24.15	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



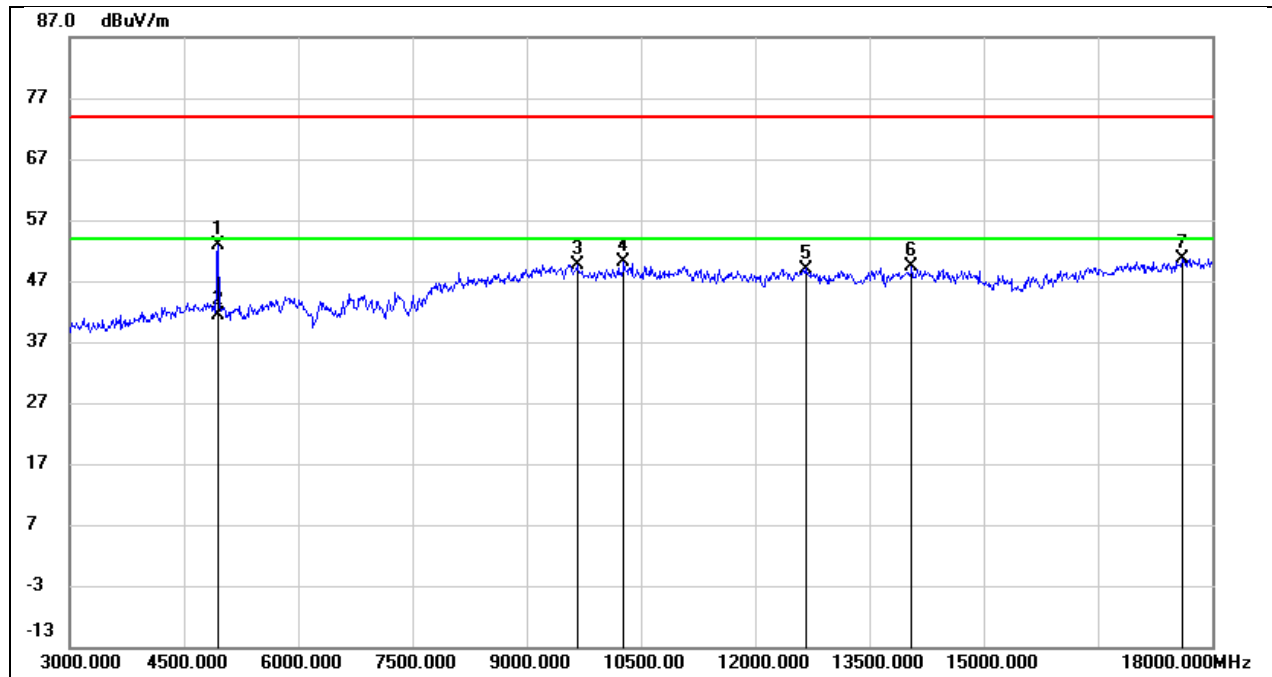
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	48.73	1.96	50.69	74.00	-23.31	peak
2	8985.000	39.25	10.53	49.78	74.00	-24.22	peak
3	10545.000	36.09	13.61	49.70	74.00	-24.30	peak
4	12555.000	32.29	18.00	50.29	74.00	-23.71	peak
5	13935.000	28.07	21.91	49.98	74.00	-24.02	peak
6	17325.000	25.32	25.36	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	49.23	0.83	50.06	74.00	-23.94	peak
2	7410.000	43.79	7.18	50.97	74.00	-23.03	peak
3	9630.000	37.36	12.90	50.26	74.00	-23.74	peak
4	11790.000	31.29	18.48	49.77	74.00	-24.23	peak
5	13665.000	27.20	22.72	49.92	74.00	-24.08	peak
6	17940.000	20.80	29.03	49.83	74.00	-24.17	peak

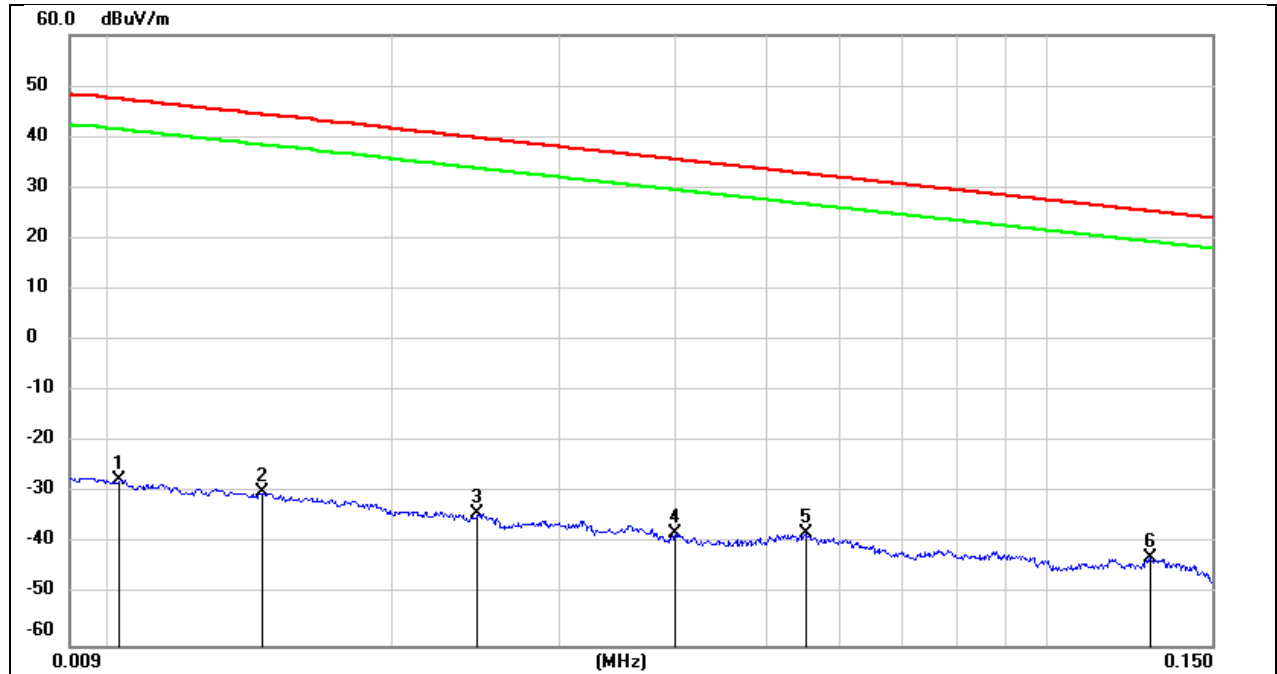
Test Mode:	802.11ax HE20	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	50.91	2.00	52.91	74.00	-21.09	peak
2	4950.000	39.35	2.00	41.35	54.00	-12.65	AVG
3	9660.000	36.98	12.75	49.73	74.00	-24.27	peak
4	10275.000	37.08	12.93	50.01	74.00	-23.99	peak
5	12660.000	30.87	18.13	49.00	74.00	-25.00	peak
6	14055.000	27.25	22.23	49.48	74.00	-24.52	peak
7	17610.000	24.97	25.74	50.71	74.00	-23.29	peak

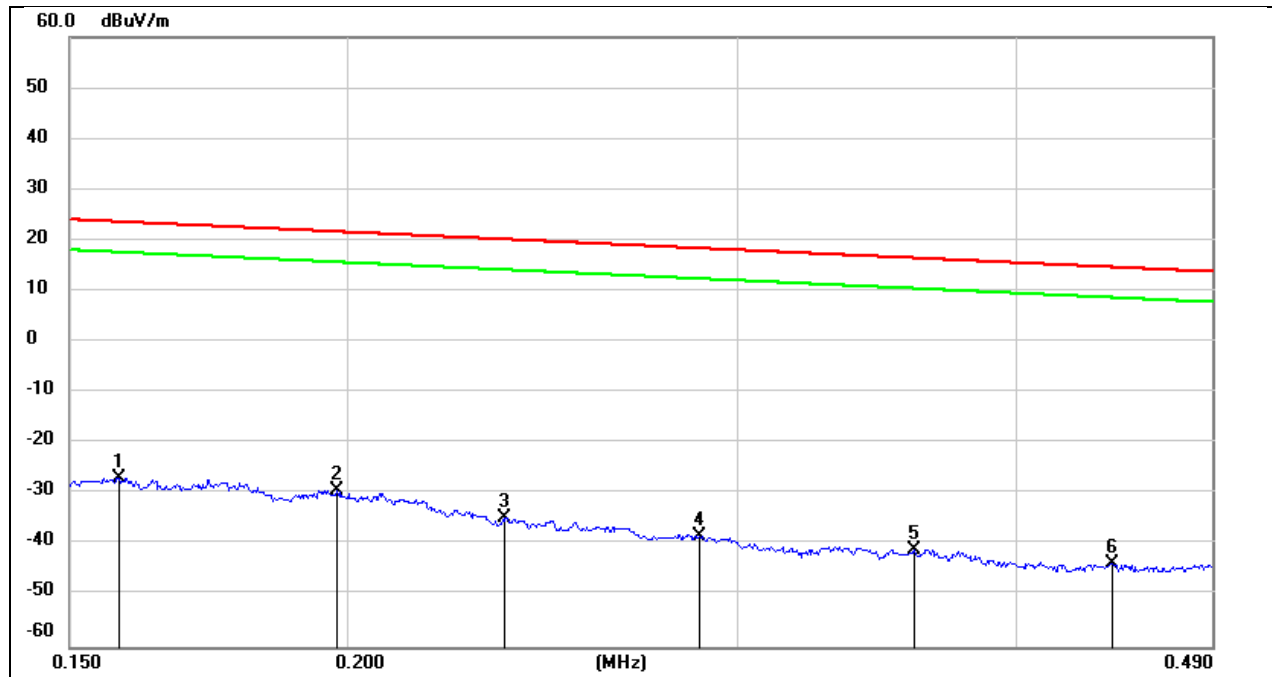
## 8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0102	74.05	-101.40	-27.35	47.43	-78.85	-4.07	-74.78	peak
2	0.0145	71.55	-101.38	-29.83	44.37	-81.33	-7.13	-74.20	peak
3	0.0246	67.20	-101.36	-34.16	39.78	-85.66	-11.72	-73.94	peak
4	0.0400	63.48	-101.43	-37.95	35.56	-89.45	-15.94	-73.51	peak
5	0.0551	63.45	-101.50	-38.05	32.78	-89.55	-18.72	-70.83	peak
6	0.1290	59.08	-101.70	-42.62	25.4	-94.12	-26.10	-68.02	peak

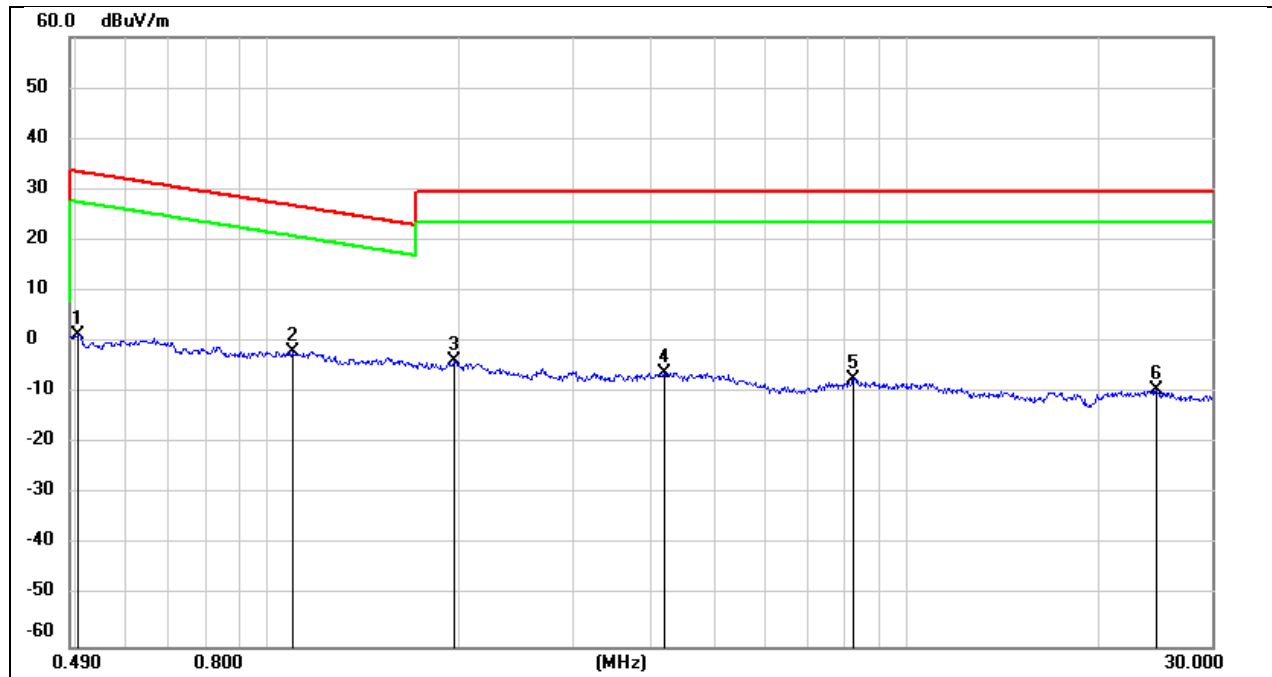
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1577	74.87	-101.65	-26.78	23.65	-78.28	-27.85	-50.43	peak
2	0.1978	72.48	-101.72	-29.24	21.68	-80.74	-29.82	-50.92	peak
3	0.2356	67.01	-101.78	-34.77	20.16	-86.27	-31.34	-54.93	peak
4	0.2878	63.72	-101.85	-38.13	18.42	-89.63	-33.08	-56.55	peak
5	0.3600	61.01	-101.91	-40.9	16.48	-92.40	-35.02	-57.38	peak
6	0.4415	58.35	-102.01	-43.66	14.7	-95.16	-36.80	-58.36	peak



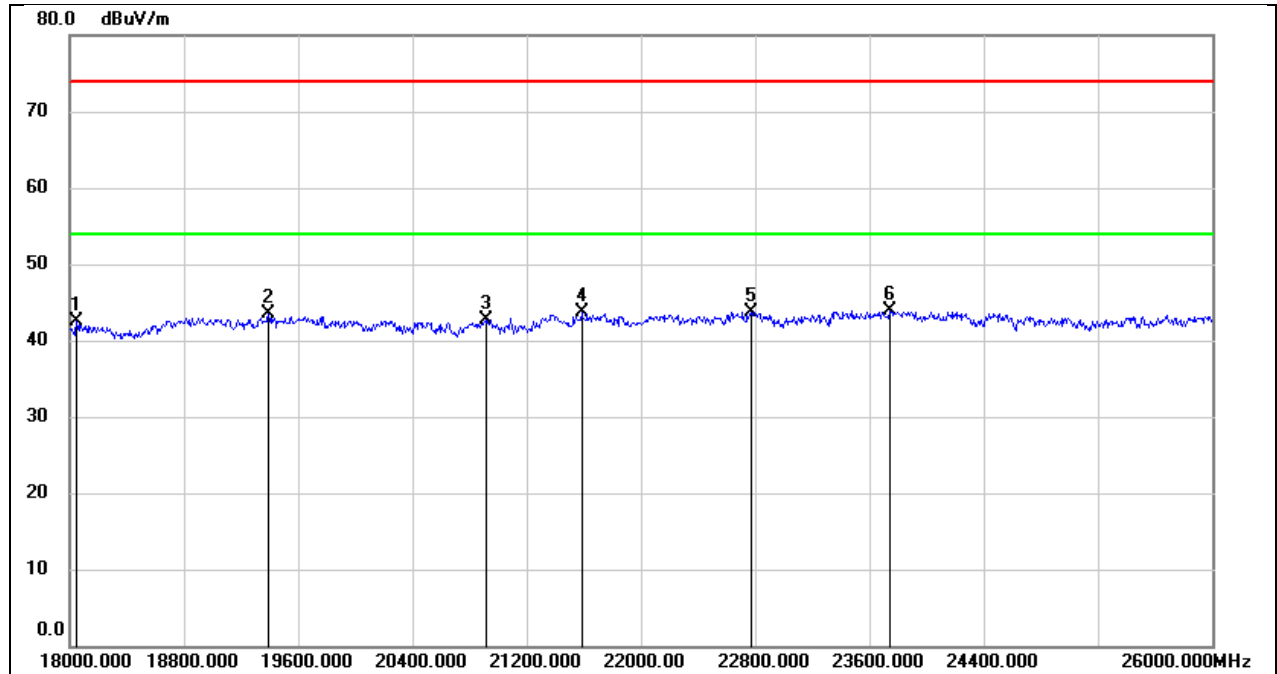
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.5039	63.43	-62.07	1.36	33.56	-50.14	-17.94	-32.20	peak
2	1.0927	60.28	-62.22	-1.94	26.84	-53.44	-24.66	-28.78	peak
3	1.9516	58.11	-61.84	-3.73	29.54	-55.23	-21.96	-33.27	peak
4	4.1801	55.32	-61.35	-6.03	29.54	-57.53	-21.96	-35.57	peak
5	8.2507	53.78	-61.04	-7.26	29.54	-58.76	-21.96	-36.80	peak
6	24.5701	50.94	-60.48	-9.54	29.54	-61.04	-21.96	-39.08	peak

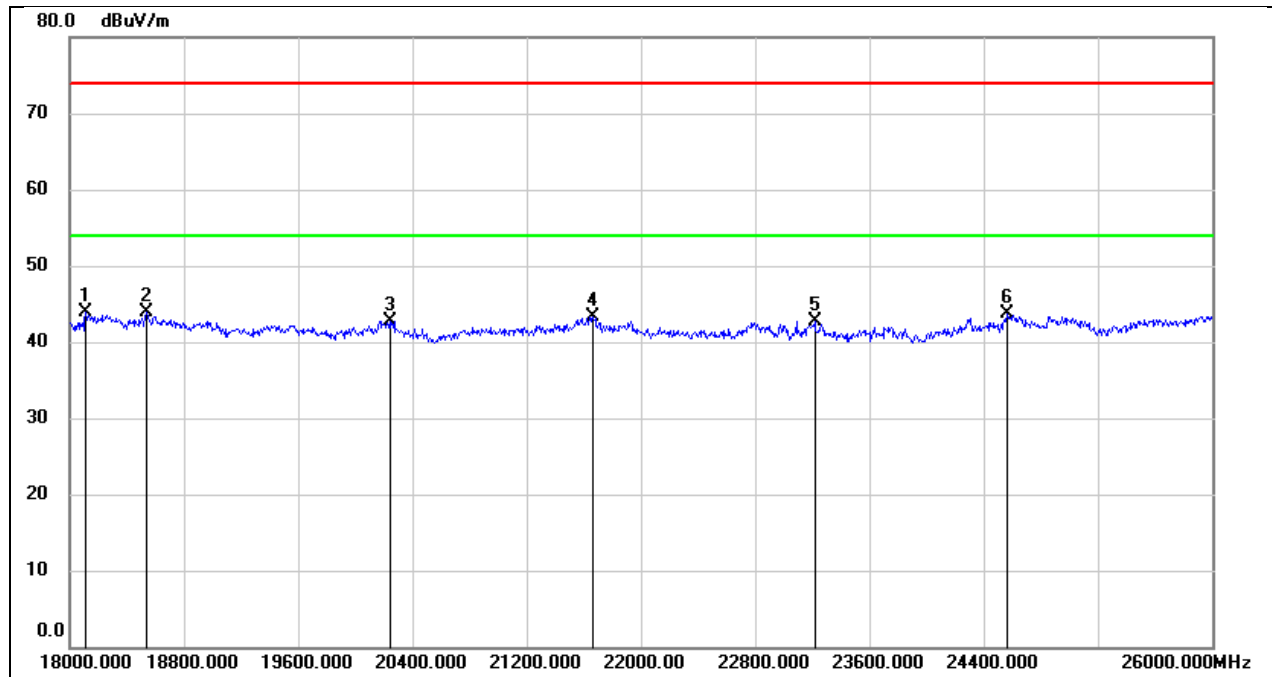
## 8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18048.000	47.93	-5.42	42.51	74.00	-31.49	peak
2	19392.000	49.12	-5.57	43.55	74.00	-30.45	peak
3	20920.000	47.58	-4.95	42.63	74.00	-31.37	peak
4	21584.000	48.19	-4.56	43.63	74.00	-30.37	peak
5	22776.000	47.43	-3.66	43.77	74.00	-30.23	peak
6	23744.000	47.15	-3.20	43.95	74.00	-30.05	peak

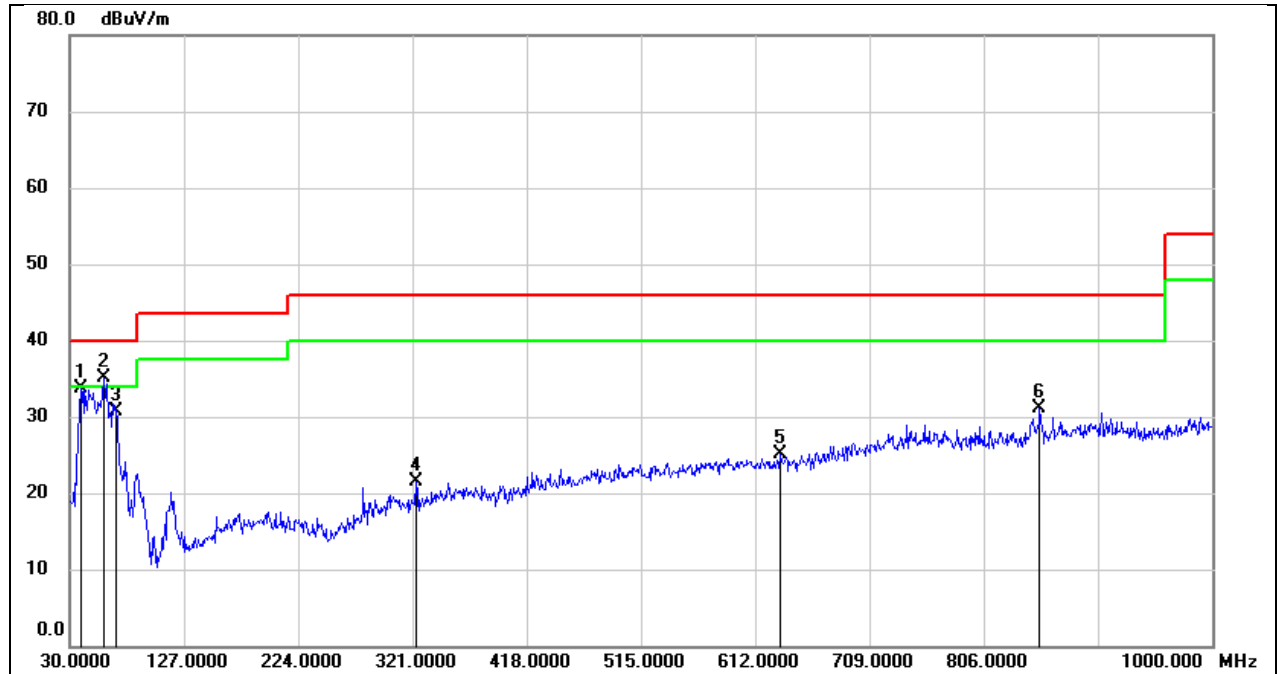
Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18112.000	49.46	-5.47	43.99	74.00	-30.01	peak
2	18536.000	49.10	-5.27	43.83	74.00	-30.17	peak
3	20240.000	48.32	-5.61	42.71	74.00	-31.29	peak
4	21664.000	47.73	-4.45	43.28	74.00	-30.72	peak
5	23216.000	46.01	-3.38	42.63	74.00	-31.37	peak
6	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak

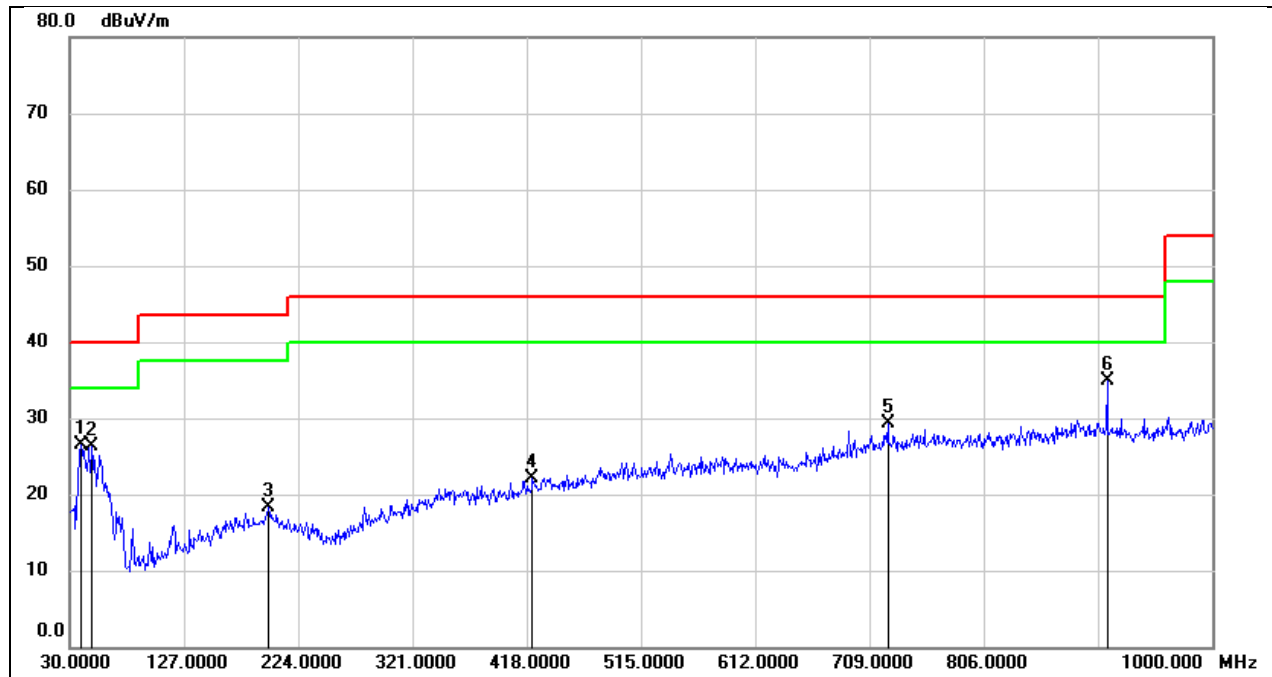
## 8.6. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	48.15	-14.36	33.79	40.00	-6.21	QP
2	59.1000	50.27	-15.20	35.07	40.00	-4.93	QP
3	69.7699	46.46	-15.66	30.80	40.00	-9.20	QP
4	323.9100	31.16	-9.64	21.52	46.00	-24.48	QP
5	633.3400	29.83	-4.73	25.10	46.00	-20.90	QP
6	853.5300	32.11	-0.95	31.16	46.00	-14.84	QP

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V

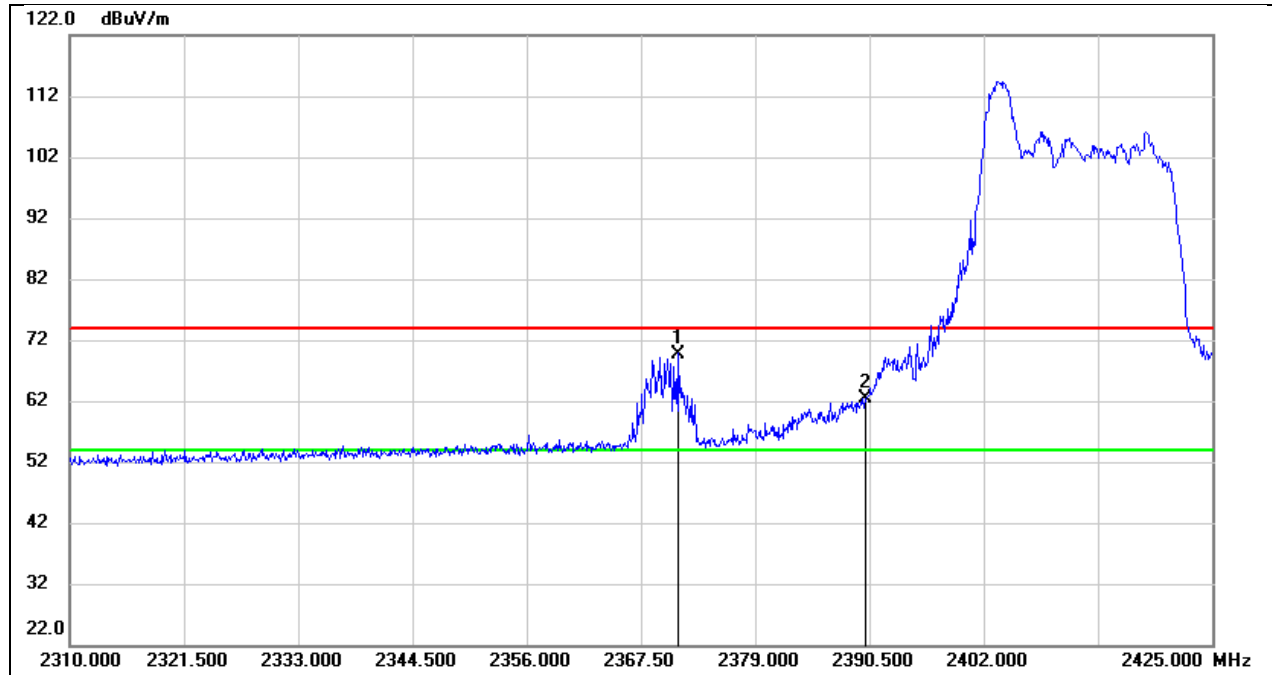


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	40.86	-14.36	26.50	40.00	-13.50	QP
2	48.4300	41.19	-14.81	26.38	40.00	-13.62	QP
3	198.7800	29.45	-11.18	18.27	43.50	-25.23	QP
4	422.8500	30.17	-7.98	22.19	46.00	-23.81	QP
5	724.5200	31.39	-2.08	29.31	46.00	-16.69	QP
6	910.7600	34.75	0.06	34.81	46.00	-11.19	QP

## TEST RESULTS-Partial RU

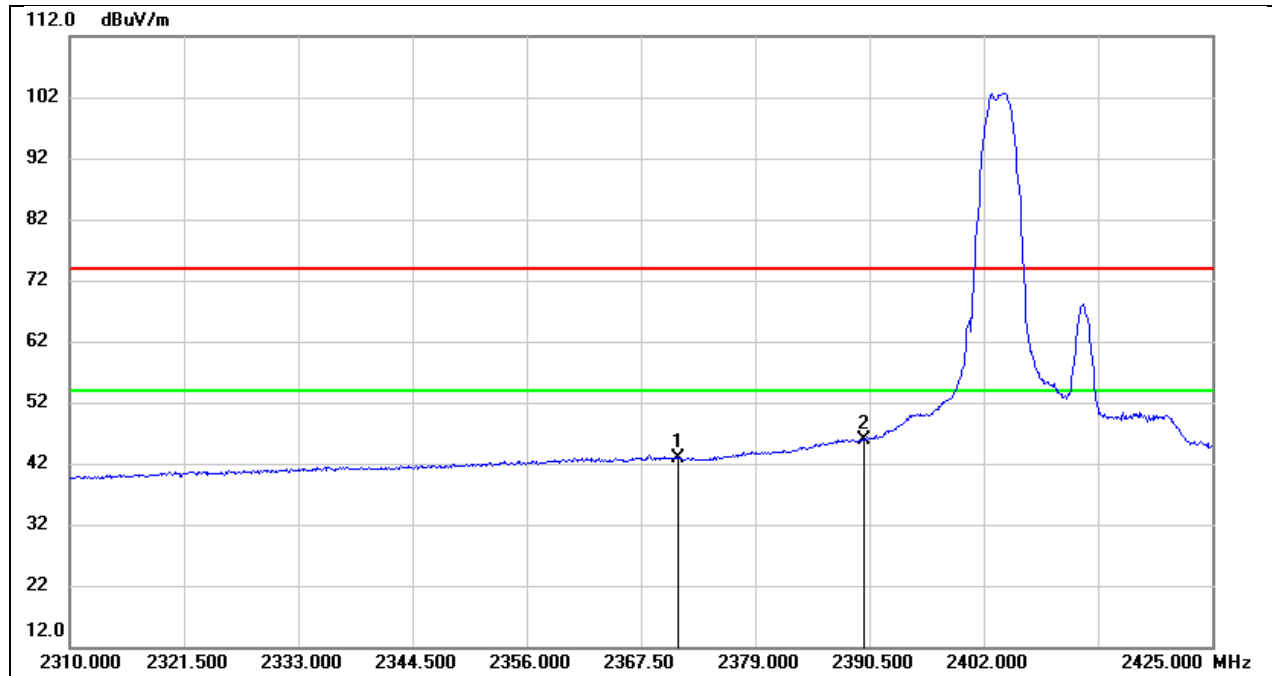
### 8.7. RESTRICTED BANDEDGE

Test Mode:	802.11ax HE20 Tone26 RU0 PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



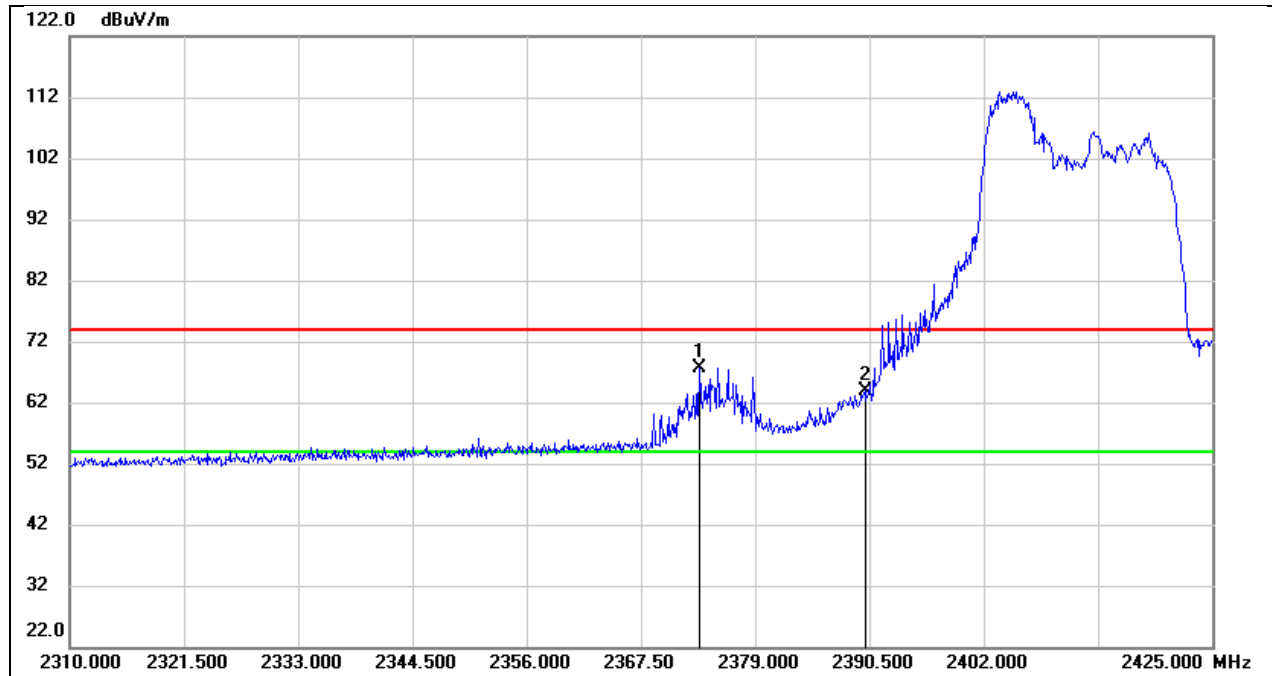
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2371.180	37.26	32.49	69.75	74.00	-4.25	peak
2	2390.000	29.74	32.55	62.29	74.00	-11.71	peak

Test Mode:	802.11ax HE20 Tone26 RU0 AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2371.180	10.47	32.49	42.96	54.00	-11.04	AVG
2	2390.000	13.33	32.55	45.88	54.00	-8.12	AVG

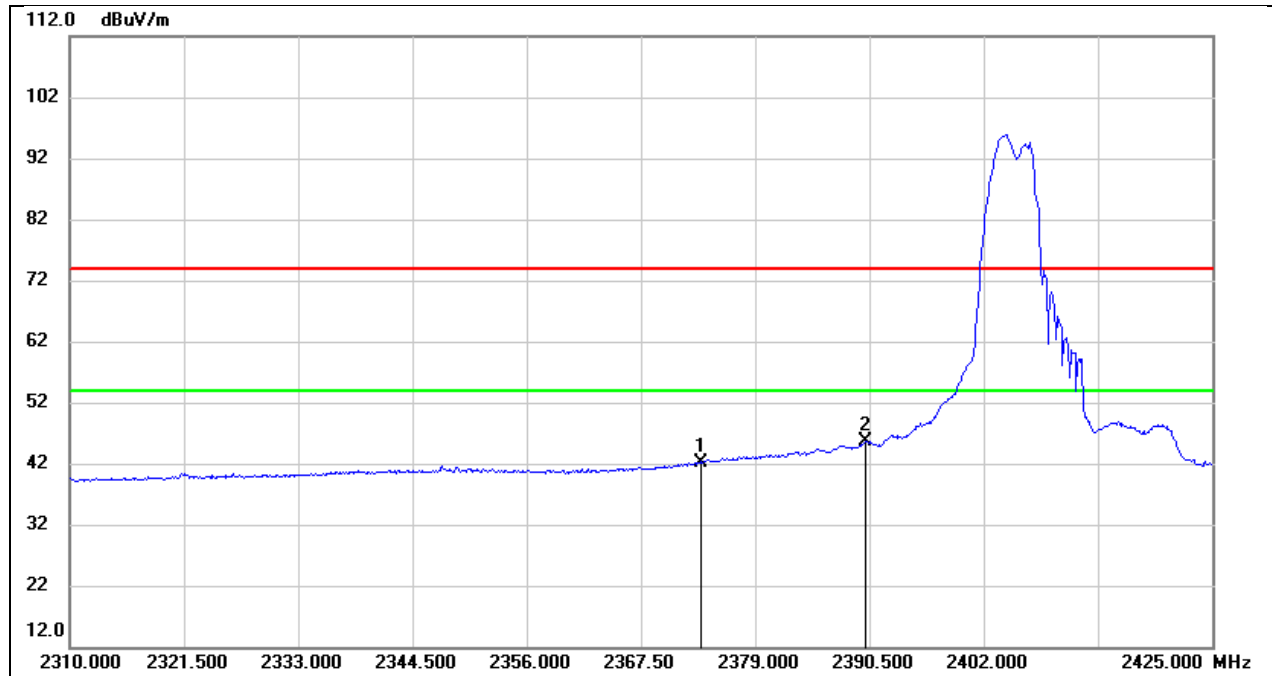
Test Mode:	802.11ax HE20 Tone52 RU37 PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2373.365	35.13	32.49	67.62	74.00	-6.38	peak
2	2390.000	31.27	32.55	63.82	74.00	-10.18	peak

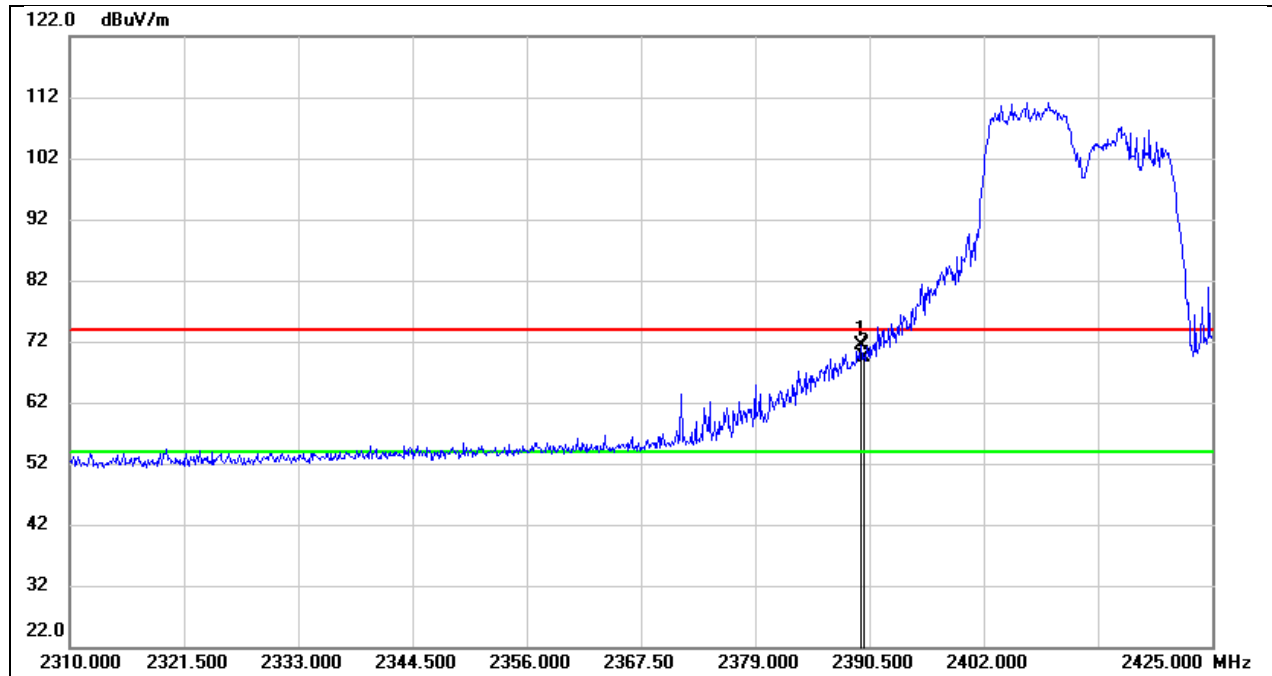


Test Mode:	802.11ax HE20 Tone52 RU37 AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



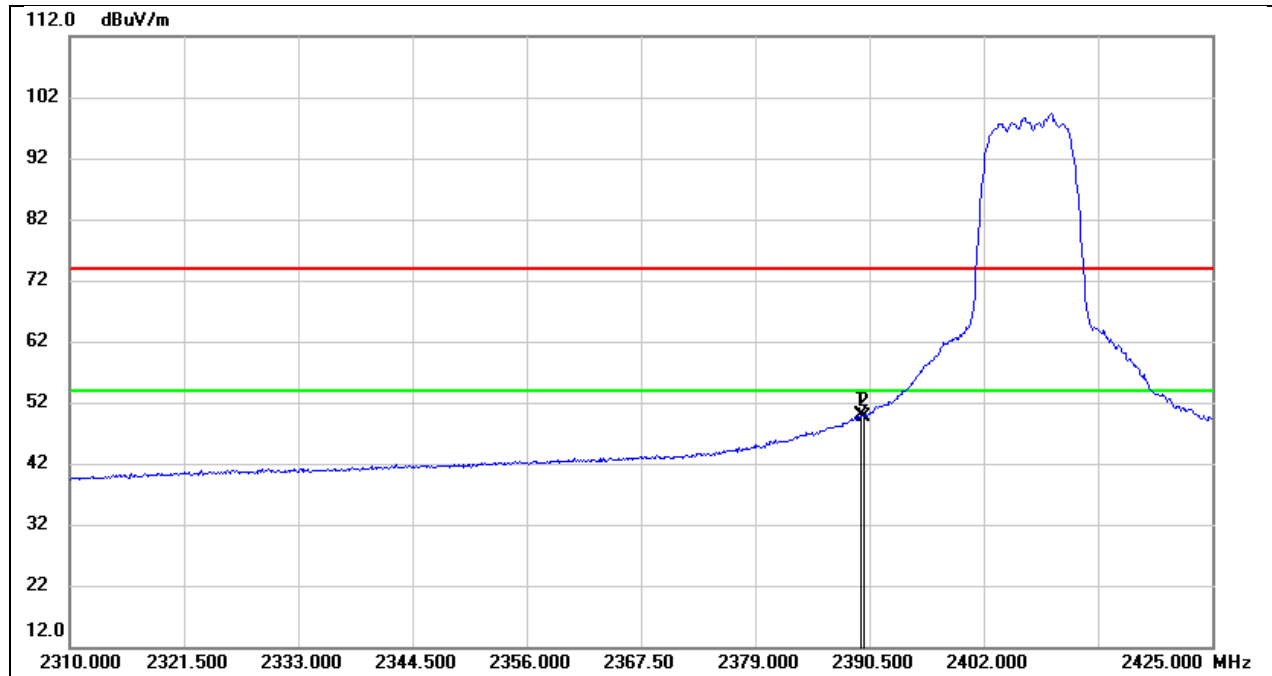
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2373.365	9.66	32.49	42.15	54.00	-11.85	AVG
2	2390.000	12.96	32.55	45.51	54.00	-8.49	AVG

Test Mode:	802.11ax HE20 Tone106 RU53 PK	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



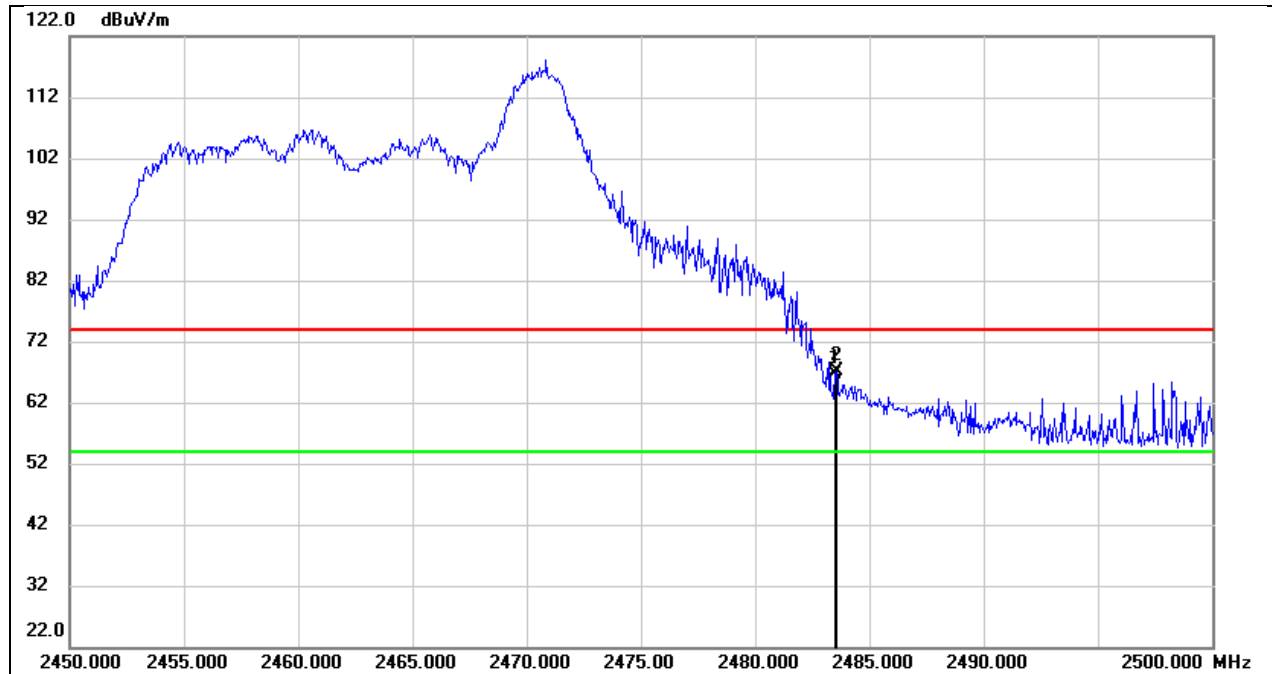
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.695	38.95	32.55	71.50	74.00	-2.50	peak
2	2390.000	36.82	32.55	69.37	74.00	-4.63	peak

Test Mode:	802.11ax HE20 Tone106 RU53 AV	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



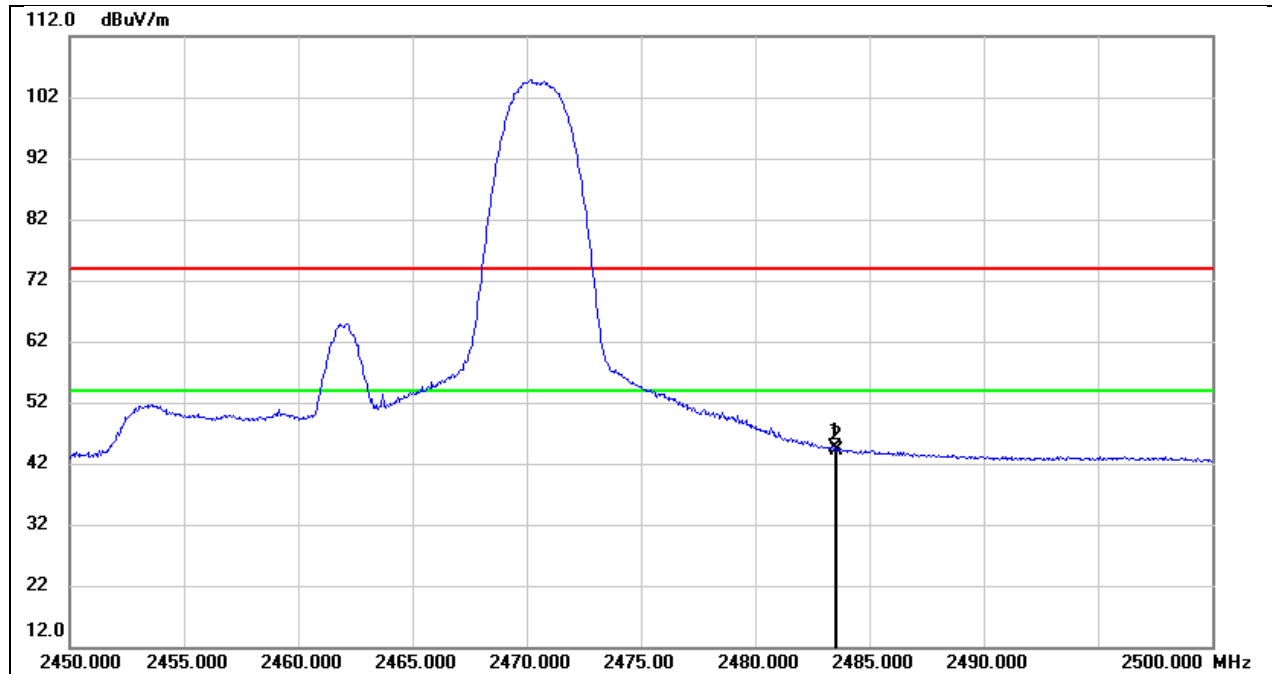
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.695	17.24	32.55	49.79	54.00	-4.21	AVG
2	2390.000	17.10	32.55	49.65	54.00	-4.35	AVG

Test Mode:	802.11ax HE20 Tone26 RU8 PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



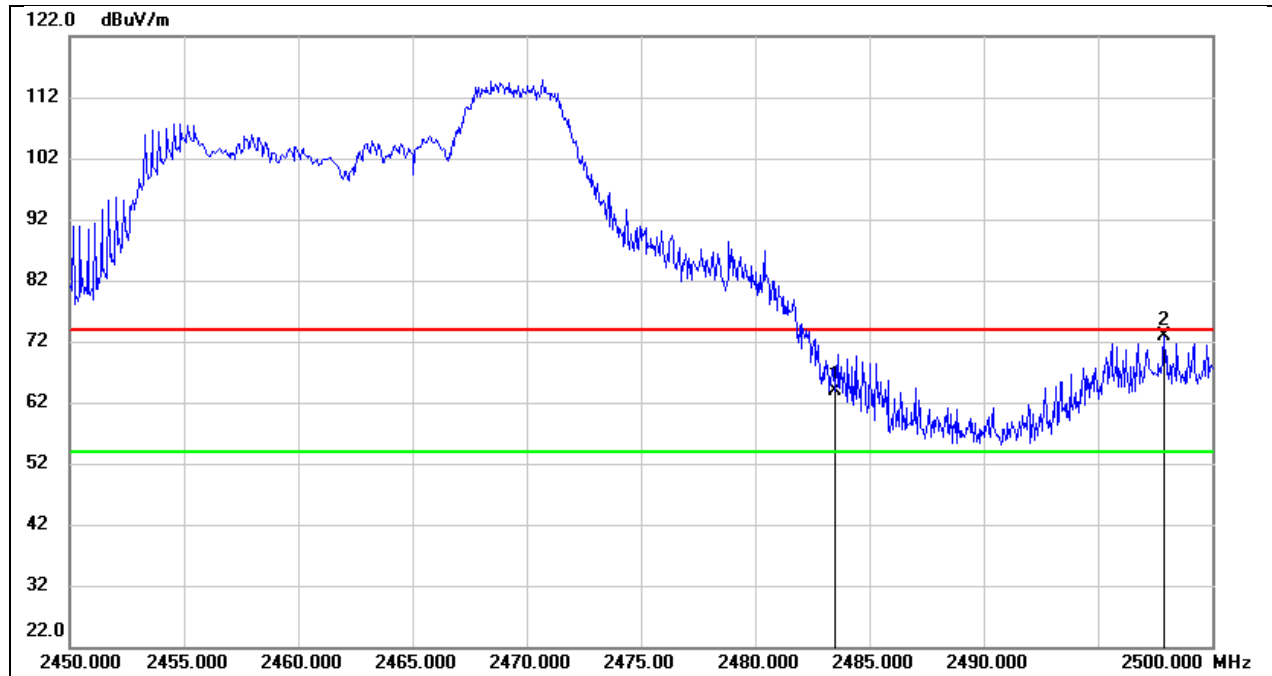
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	33.93	32.80	66.73	74.00	-7.27	peak
2	2483.550	34.28	32.80	67.08	74.00	-6.92	peak

Test Mode:	802.11ax HE20 Tone26 RU8 AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



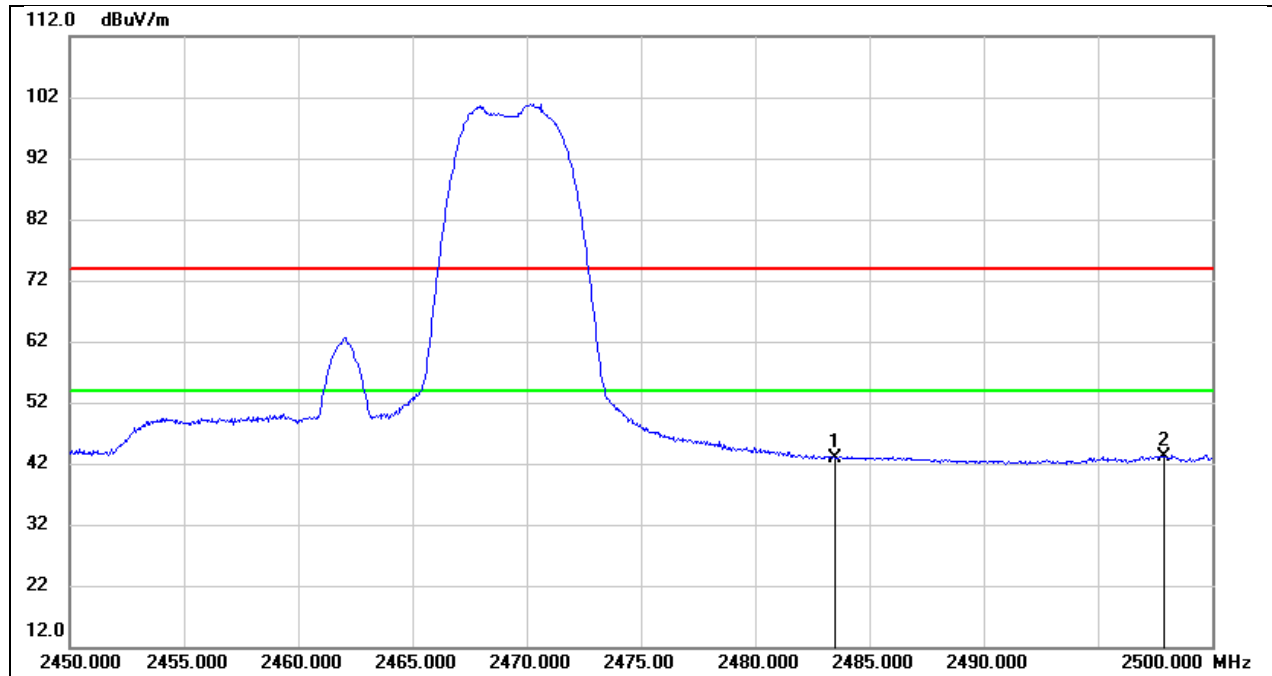
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	11.85	32.80	44.65	54.00	-9.35	AVG
2	2483.550	11.35	32.80	44.15	54.00	-9.85	AVG

Test Mode:	802.11ax HE20 Tone52 RU40 PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



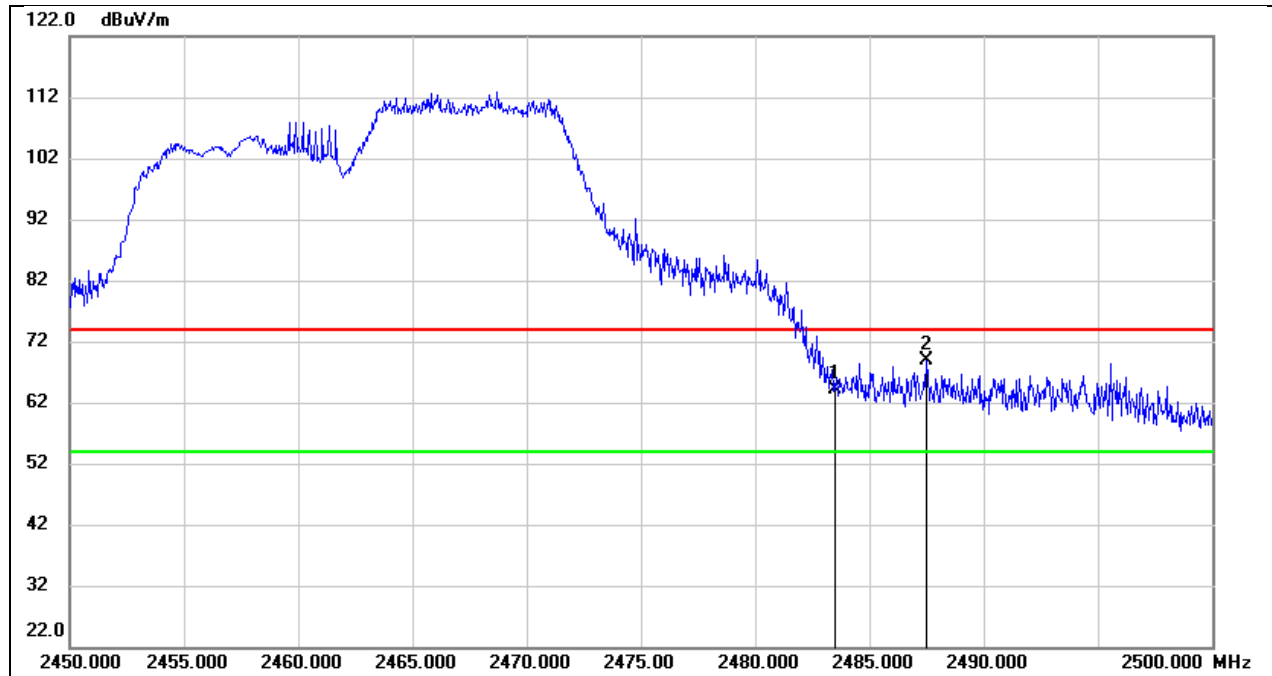
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	30.97	32.80	63.77	74.00	-10.23	peak
2	2497.900	39.93	32.84	72.77	74.00	-1.23	peak

Test Mode:	802.11ax HE20 Tone52 RU40 AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	10.00	32.80	42.80	54.00	-11.20	AVG
2	2497.900	10.20	32.84	43.04	54.00	-10.96	AVG

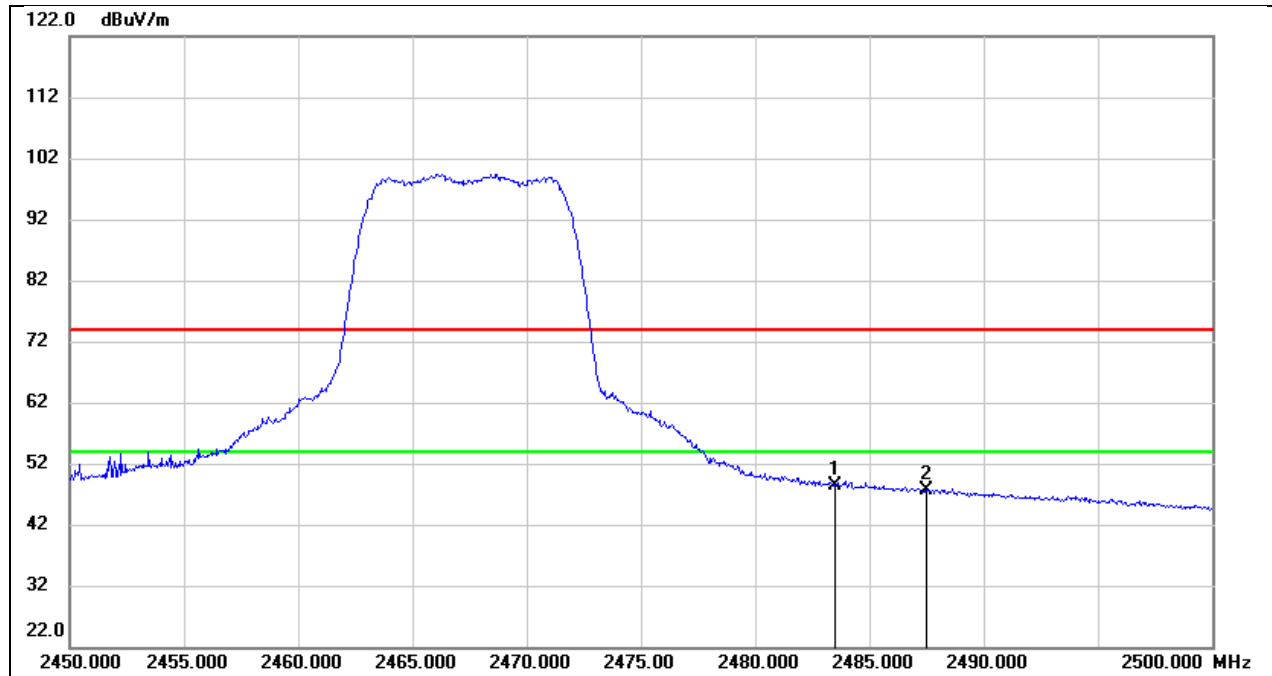
Test Mode:	802.11ax HE20 Tone106 RU54 PK	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	31.22	32.80	64.02	74.00	-9.98	peak
2	2487.500	36.15	32.81	68.96	74.00	-5.04	peak

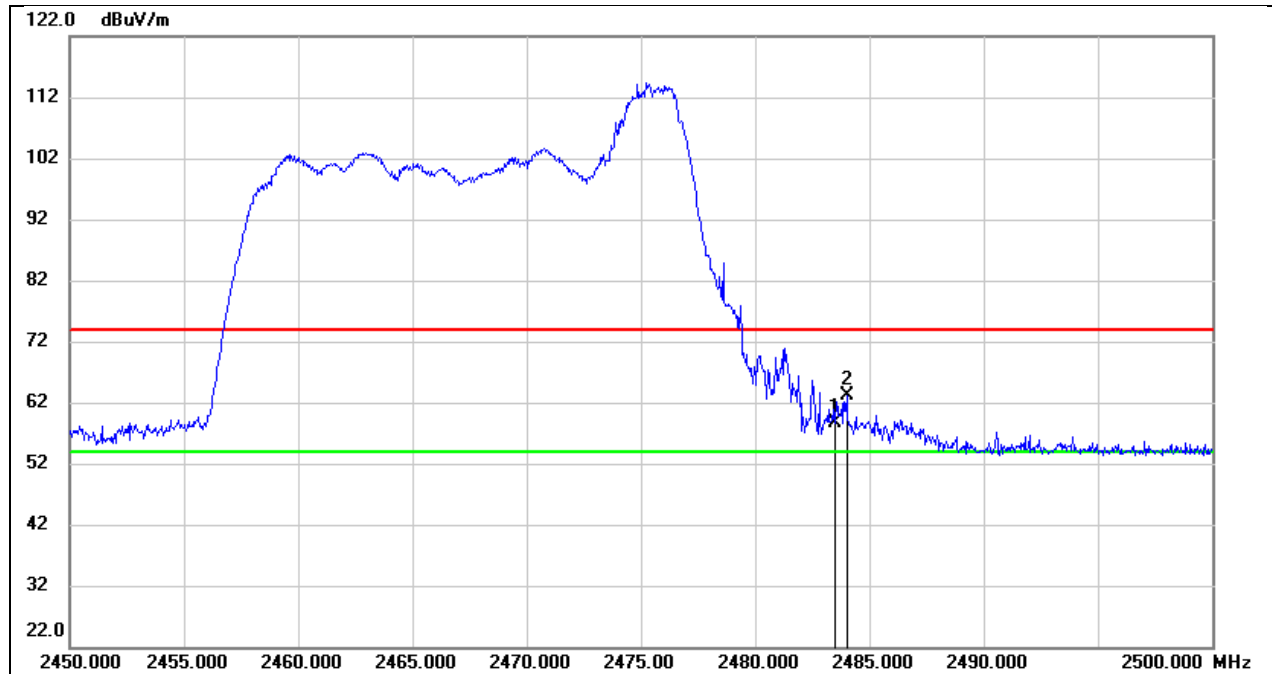


Test Mode:	802.11ax HE20 Tone106 RU54 AV	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



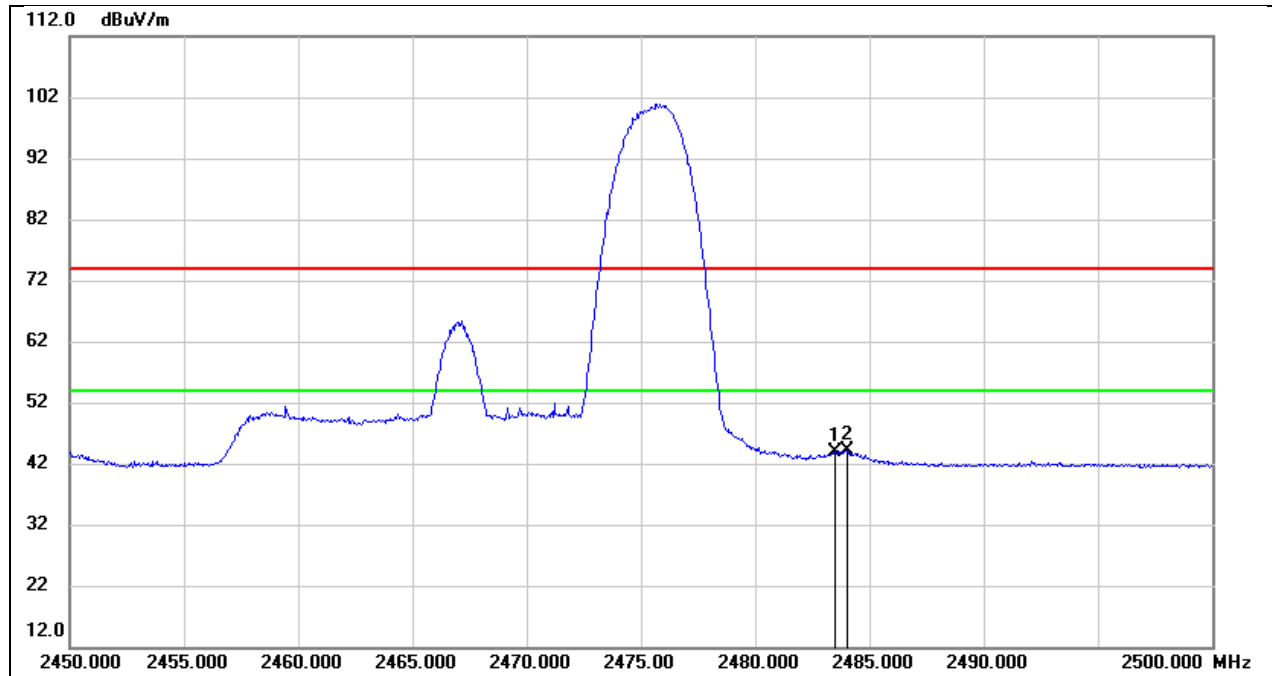
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	15.66	32.80	48.46	54.00	-5.54	AVG
2	2487.500	14.72	32.81	47.53	54.00	-6.47	AVG

Test Mode:	802.11ax HE20 Tone26 RU8 PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



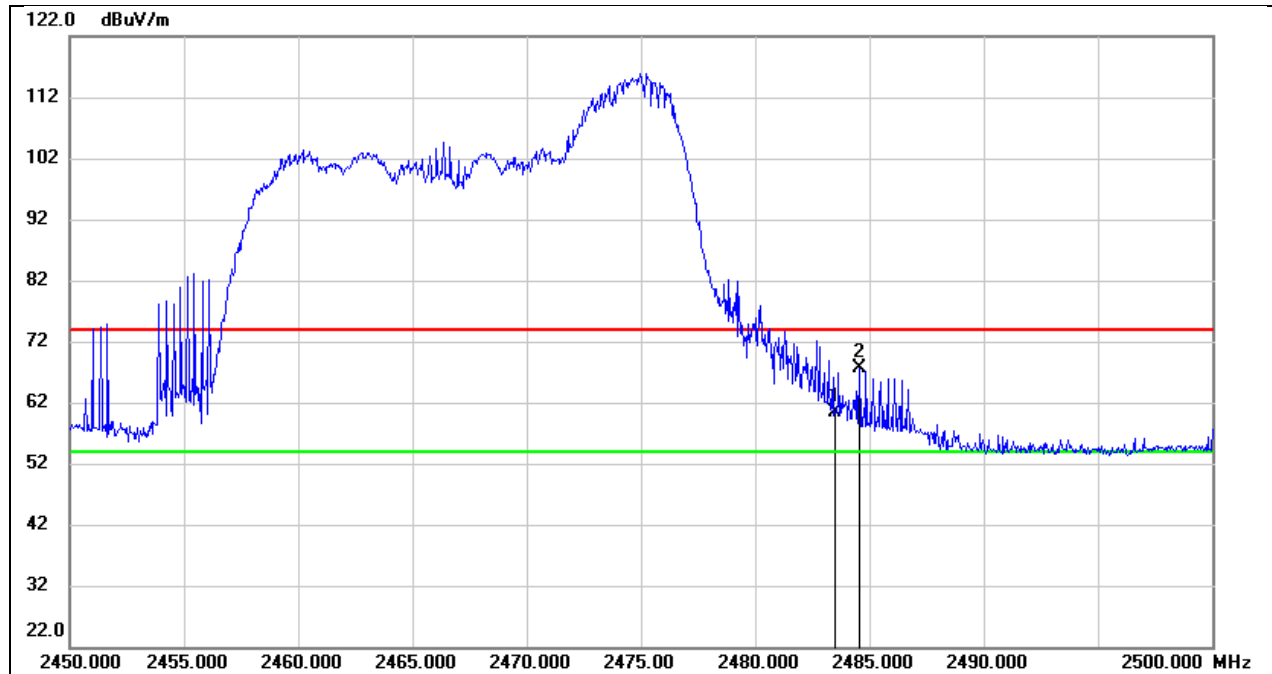
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	25.75	32.80	58.55	74.00	-15.45	peak
2	2484.000	30.27	32.80	63.07	74.00	-10.93	peak

Test Mode:	802.11ax HE20 Tone26 RU8 AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



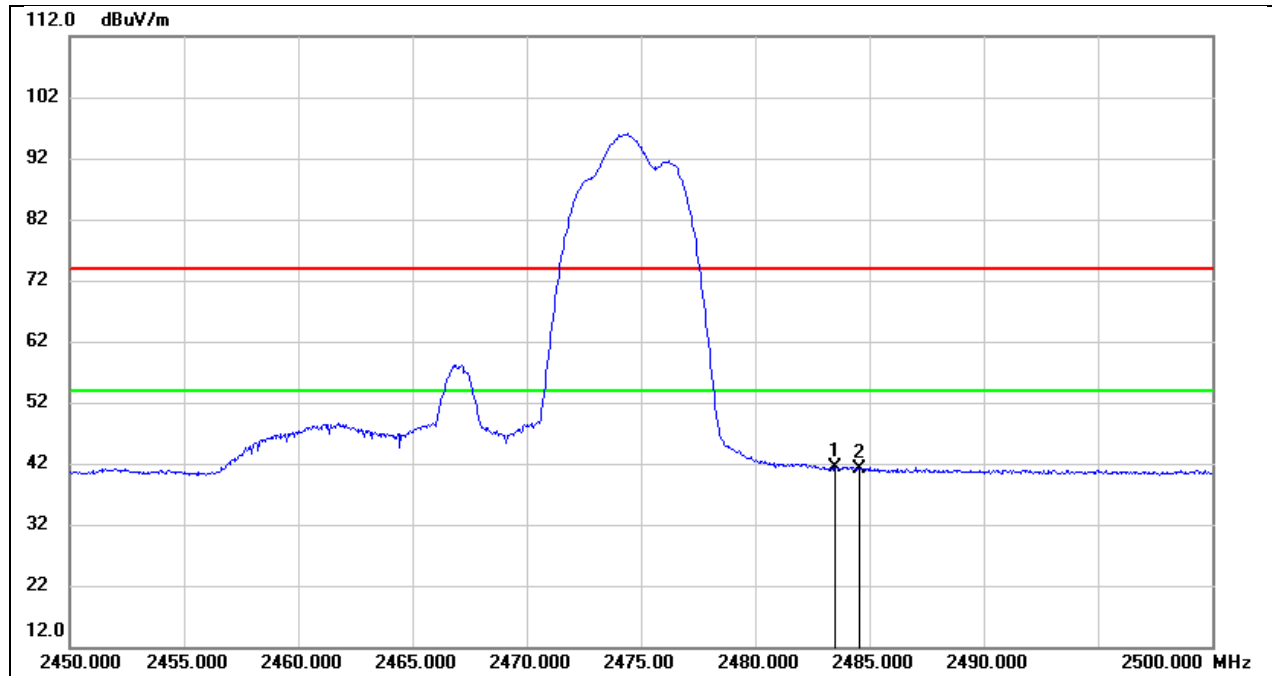
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	11.18	32.80	43.98	54.00	-10.02	AVG
2	2484.000	11.33	32.80	44.13	54.00	-9.87	AVG

Test Mode:	802.11ax HE20 Tone52 RU40 PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



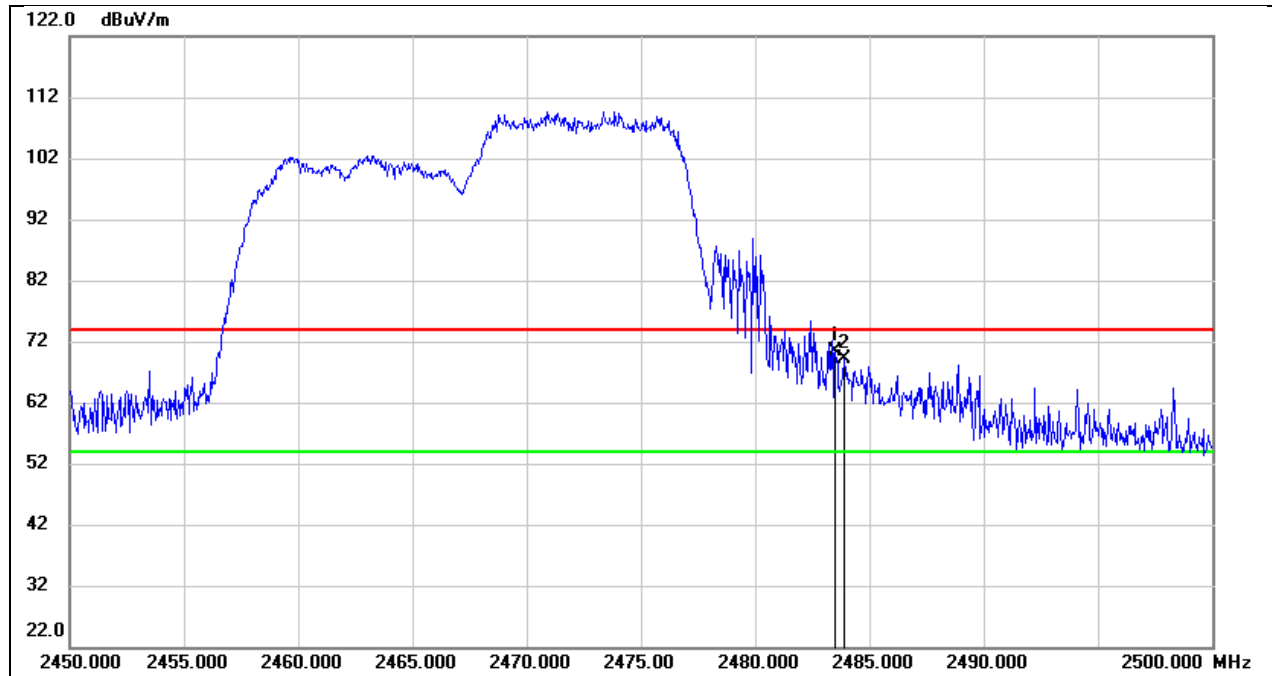
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	27.50	32.80	60.30	74.00	-13.70	peak
2	2484.550	34.90	32.80	67.70	74.00	-6.30	peak

Test Mode:	802.11ax HE20 Tone52 RU40 AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



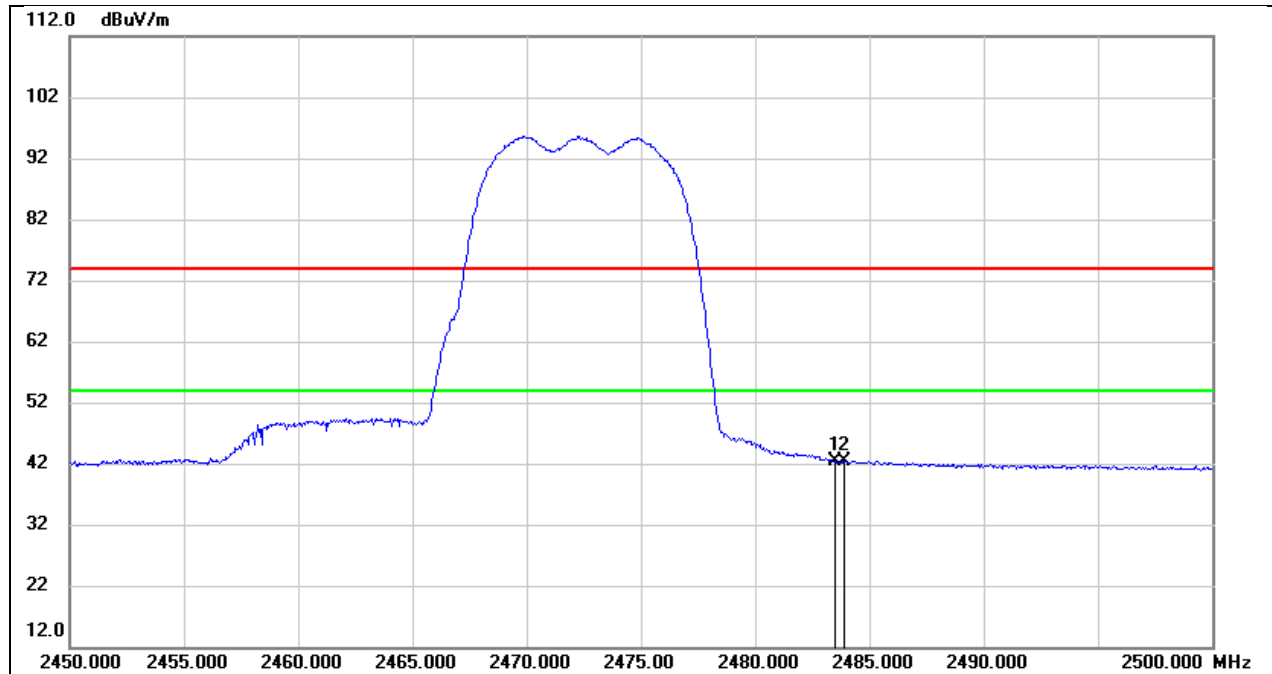
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	8.49	32.80	41.29	54.00	-12.71	AVG
2	2484.550	8.41	32.80	41.21	54.00	-12.79	AVG

Test Mode:	802.11ax HE20 Tone106 RU54 PK	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



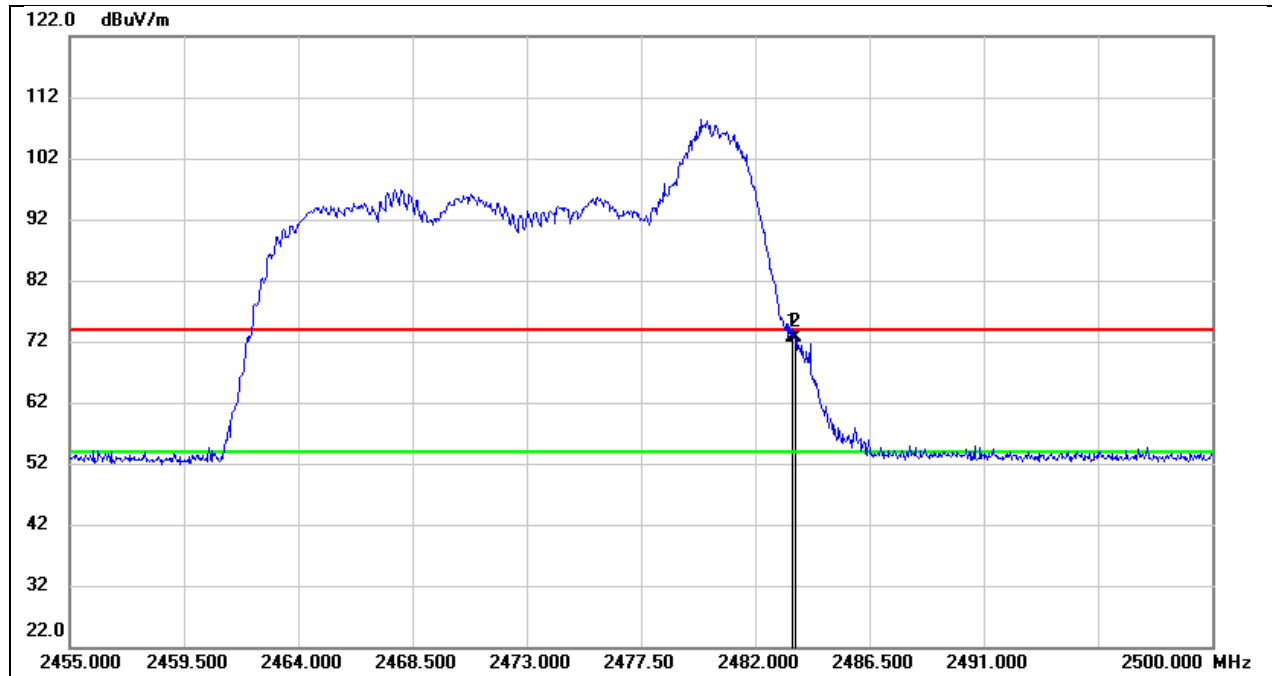
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	37.51	32.80	70.31	74.00	-3.69	peak
2	2483.900	36.25	32.80	69.05	74.00	-4.95	peak

Test Mode:	802.11ax HE20 Tone106 RU54 AV	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	9.53	32.80	42.33	54.00	-11.67	AVG
2	2483.900	9.49	32.80	42.29	54.00	-11.71	AVG

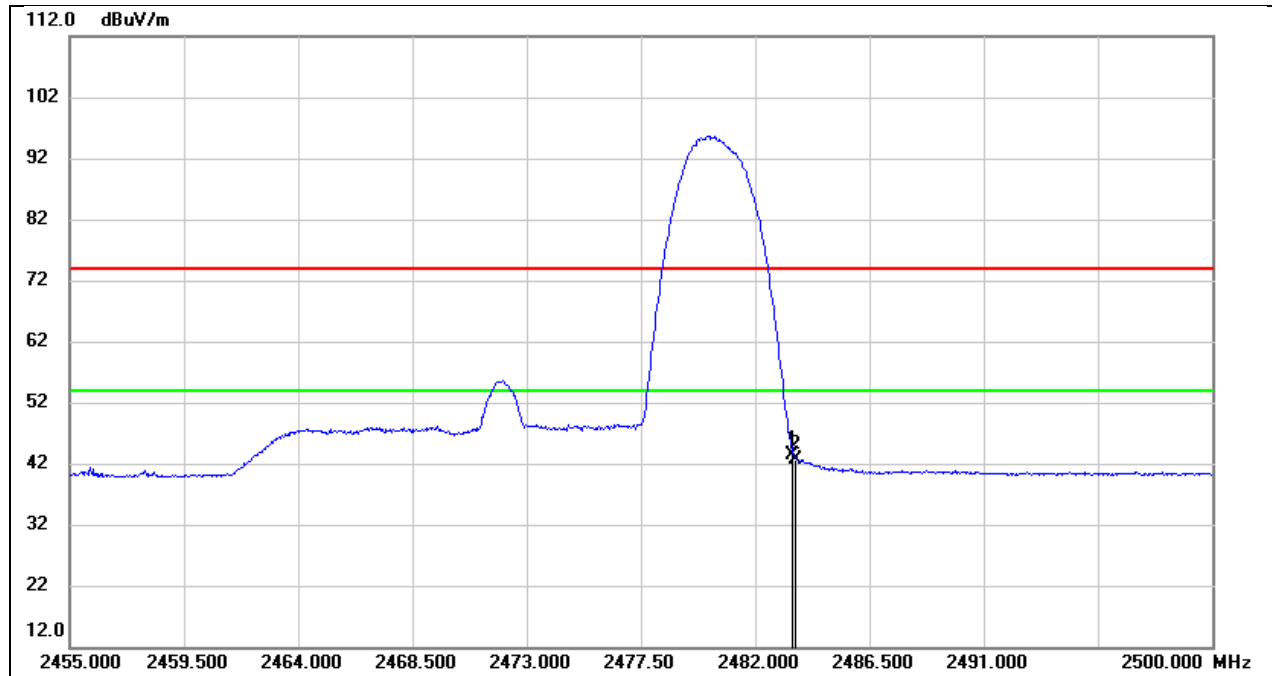
Test Mode:	802.11ax HE20 Tone26 RU8 PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	39.71	32.80	72.51	74.00	-1.49	peak
2	2483.575	39.79	32.80	72.59	74.00	-1.41	peak

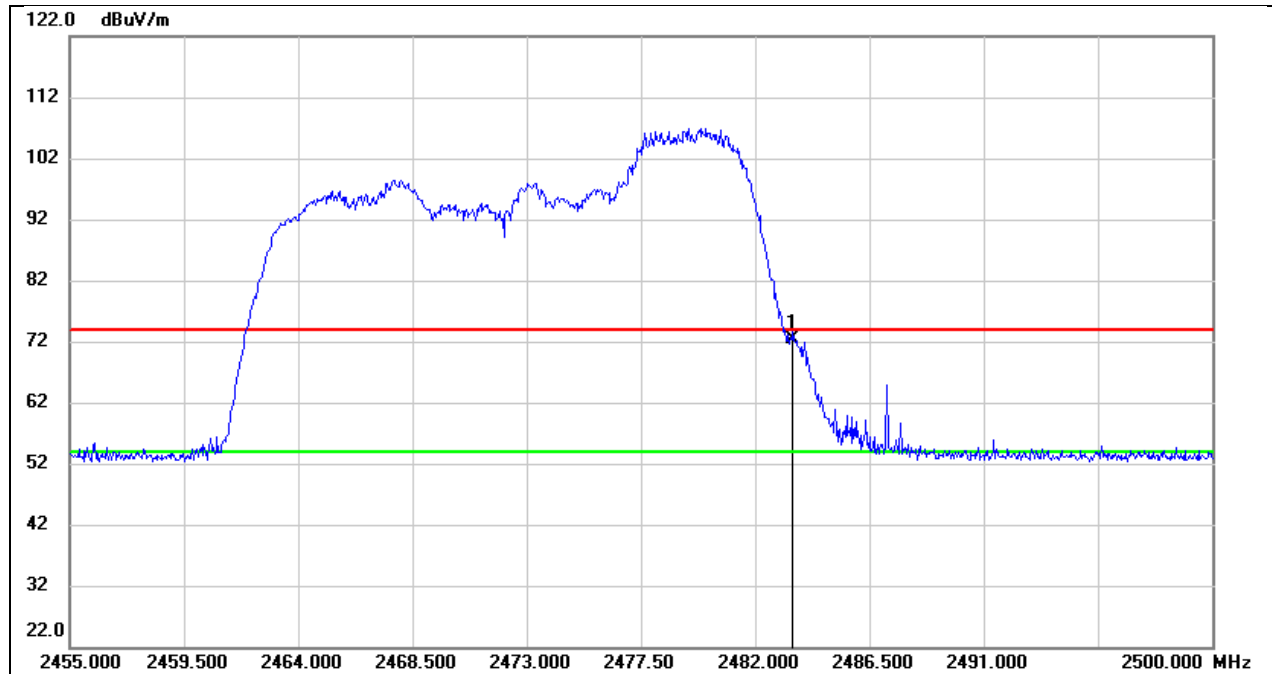


Test Mode:	802.11ax HE20 Tone26 RU8 AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



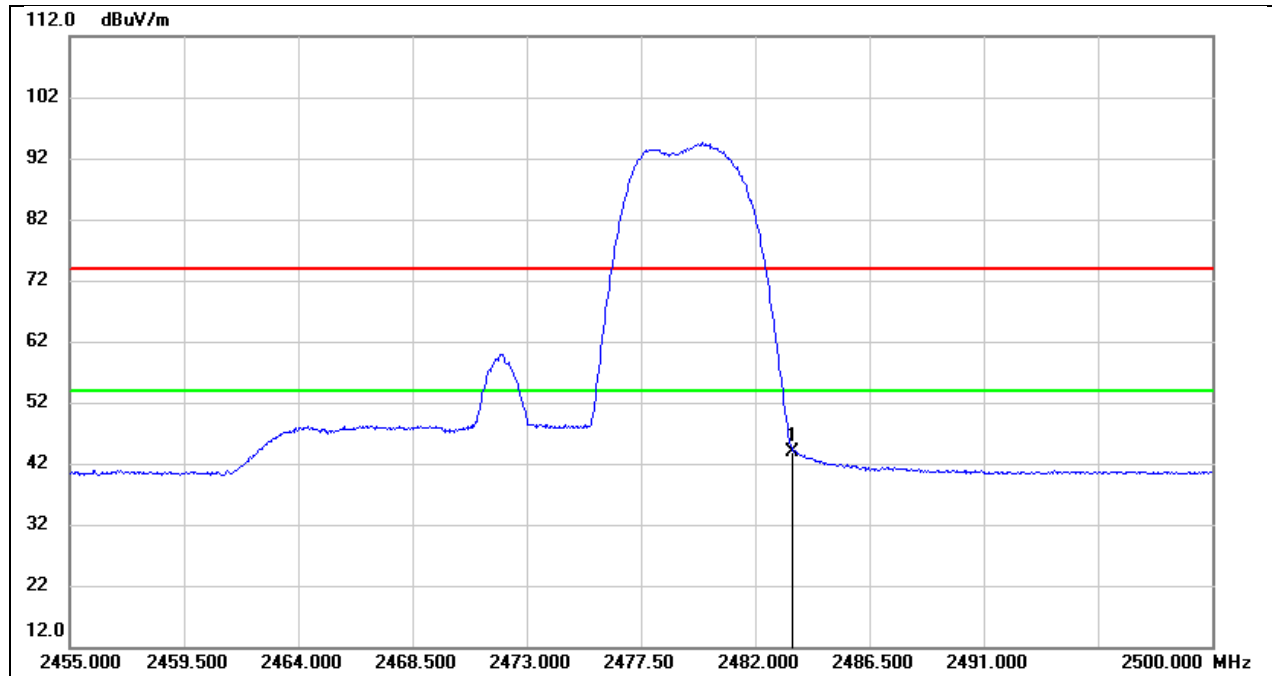
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	10.54	32.80	43.34	54.00	-10.66	AVG
2	2483.575	9.89	32.80	42.69	54.00	-11.31	AVG

Test Mode:	802.11ax HE20 Tone52 RU40 PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



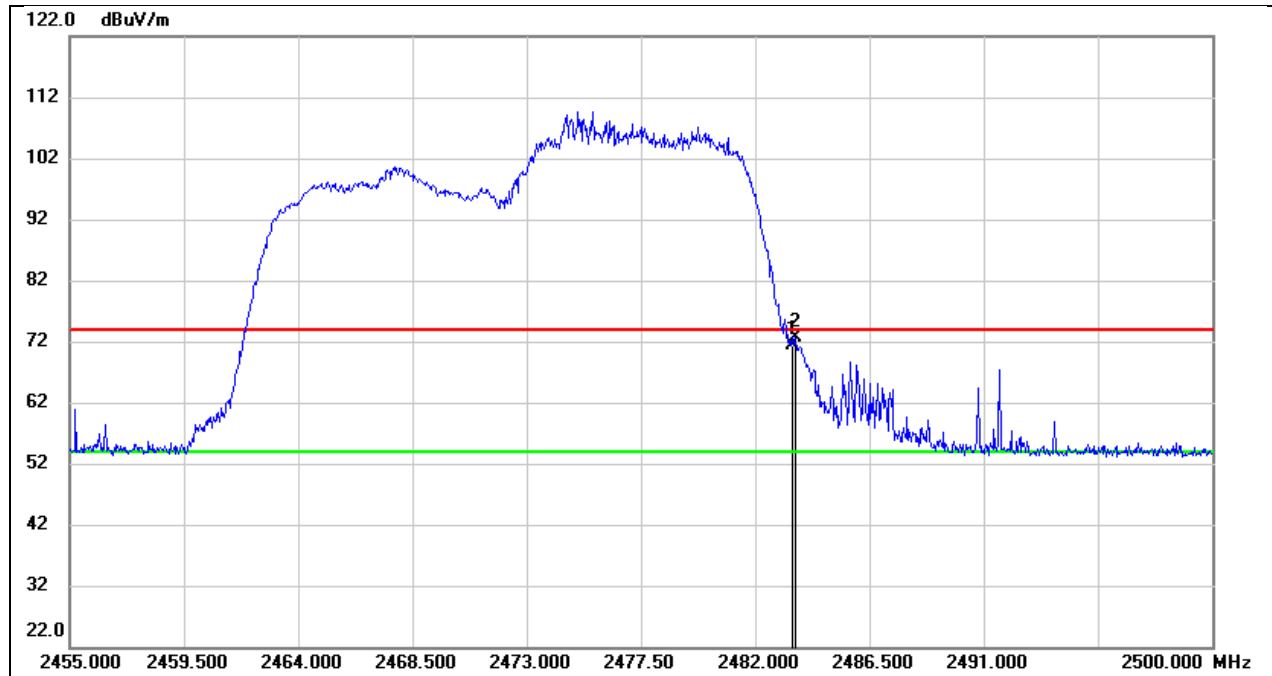
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	39.58	32.80	72.38	74.00	-1.62	peak

Test Mode:	802.11ax HE20 Tone52 RU40 AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



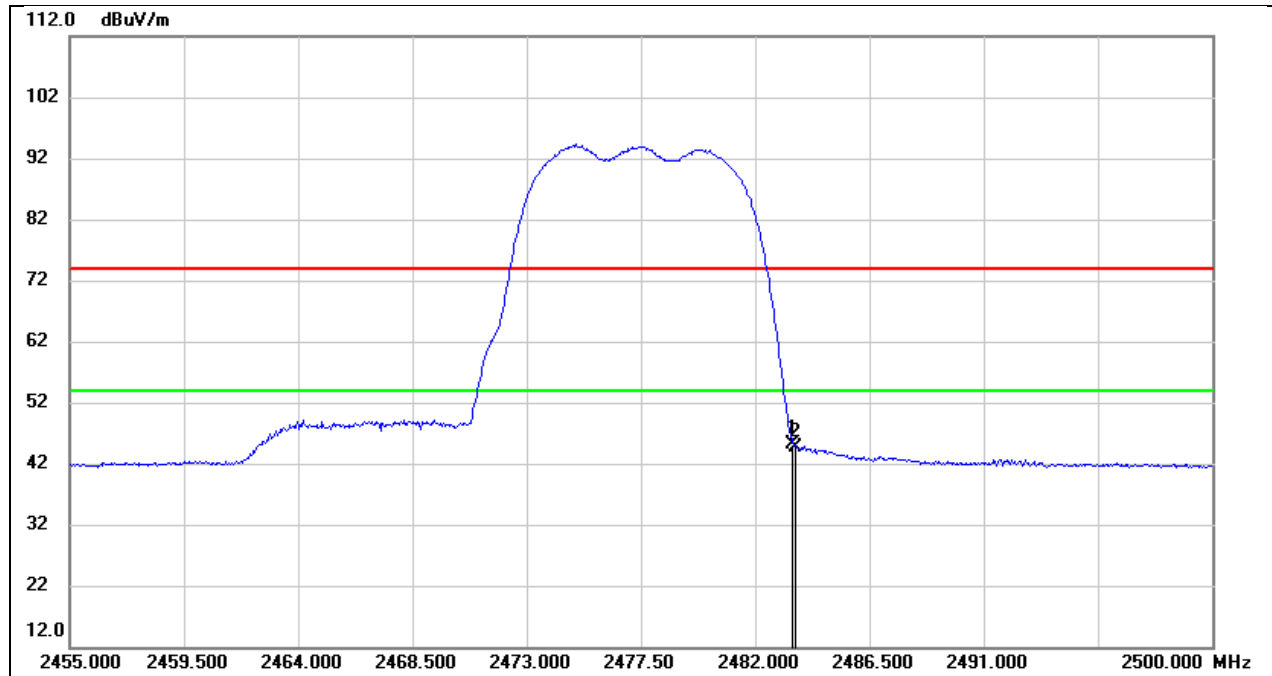
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	11.17	32.80	43.97	54.00	-10.03	AVG

Test Mode:	802.11ax HE20 Tone106 RU54 PK	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.51	32.80	71.31	74.00	-2.69	peak
2	2483.575	39.92	32.80	72.72	74.00	-1.28	peak

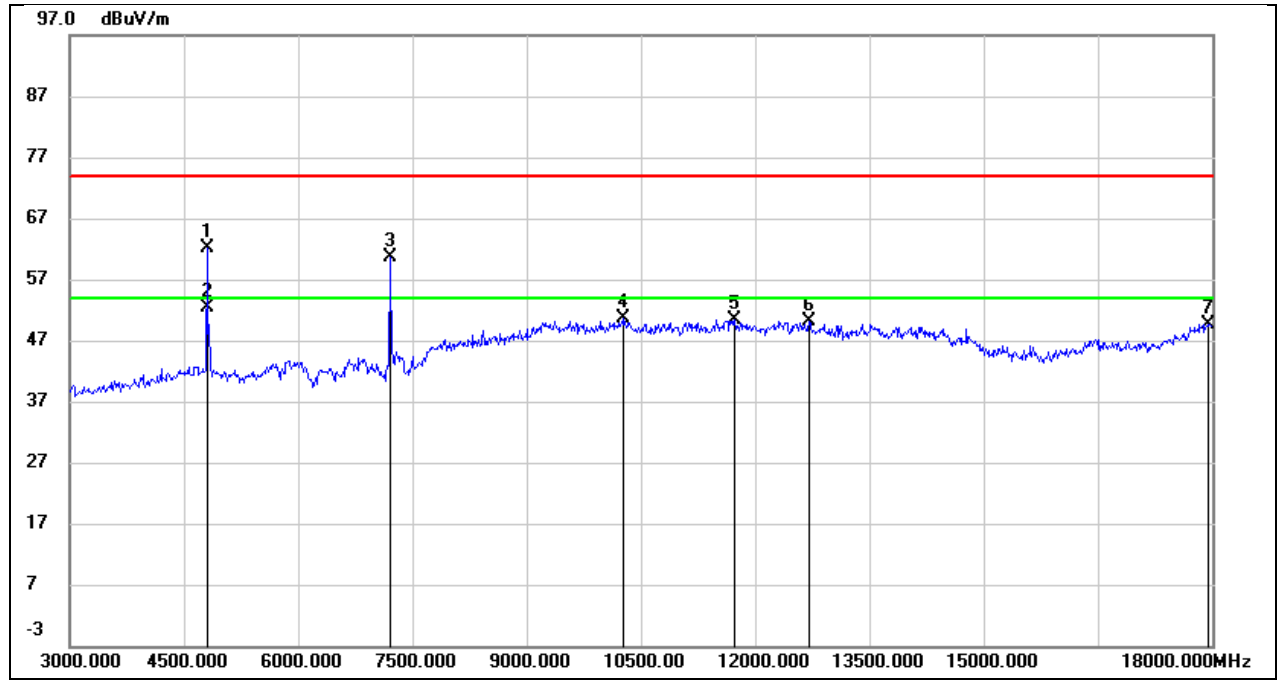
Test Mode:	802.11ax HE20 Tone106 RU54 AV	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	12.33	32.80	45.13	54.00	-8.87	AVG
2	2483.575	11.83	32.80	44.63	54.00	-9.37	AVG

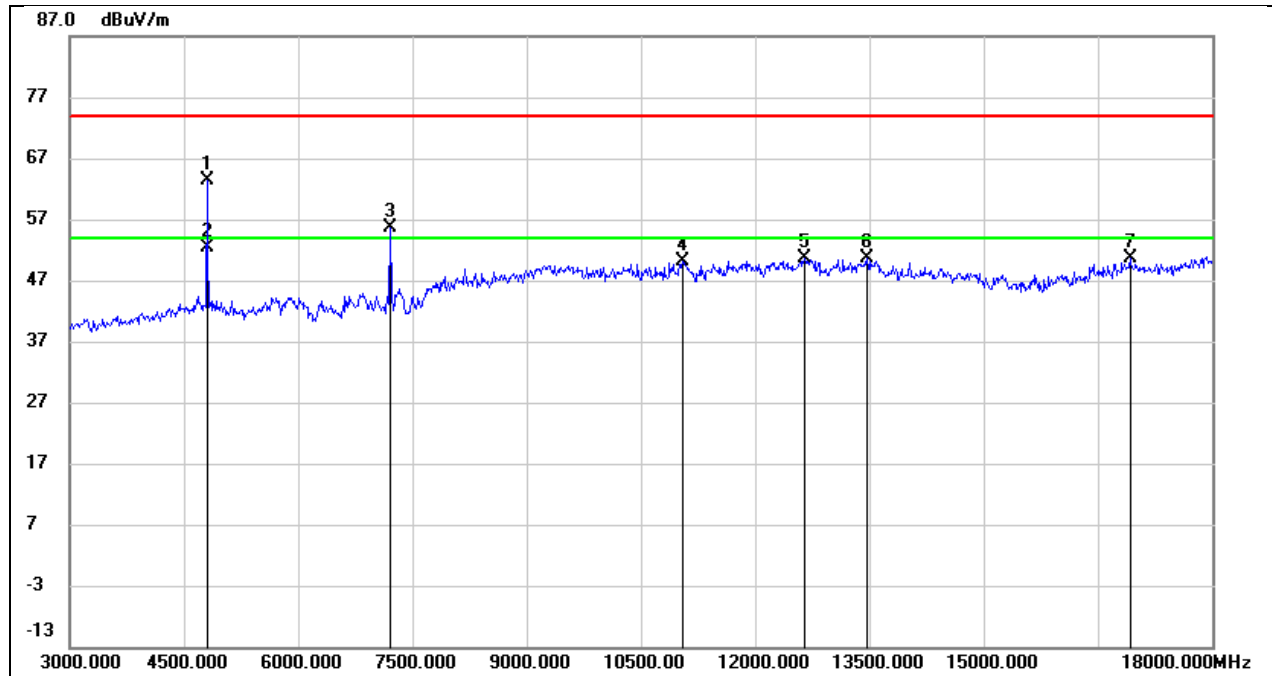
## 8.8. SPURIOUS EMISSIONS(3 GHZ~18 GHZ)

Test Mode:	802.11ax HE20 Tone26 RU0	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



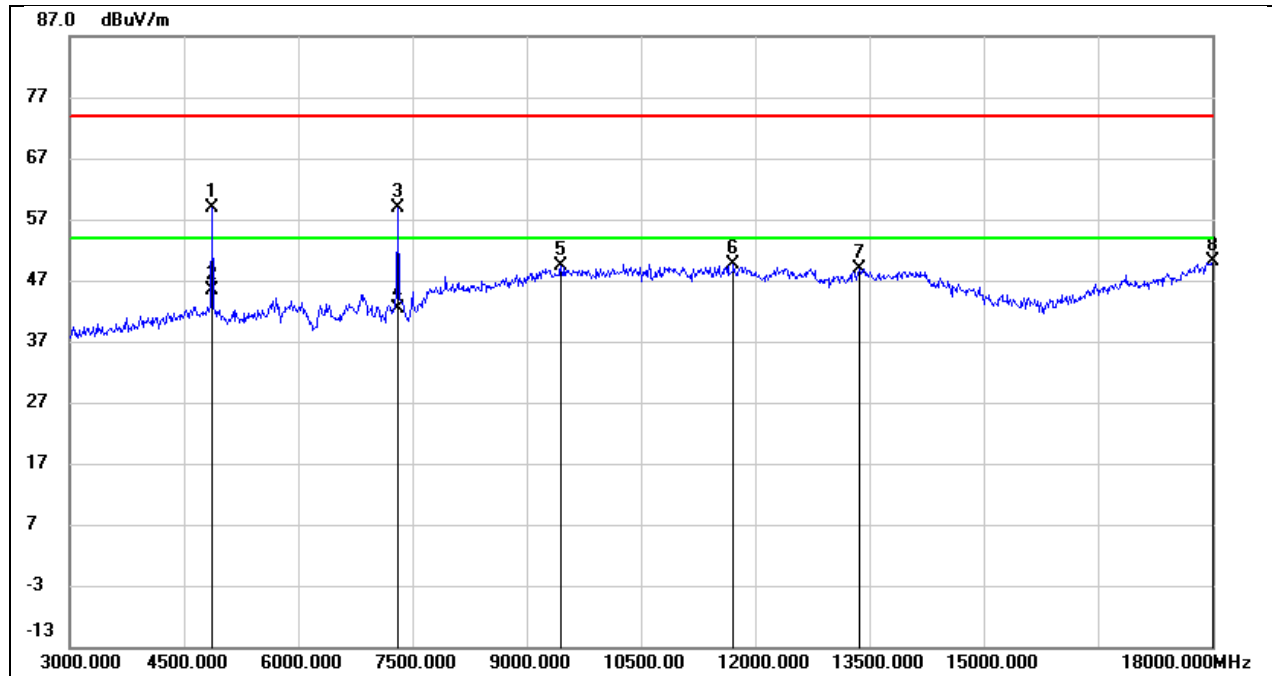
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4800.000	61.65	0.47	62.12	74.00	-11.88	peak
2	4800.000	52.00	0.47	52.47	54.00	-1.53	AVG
3*	7200.000	53.82	6.89	60.71	68.20	-7.49	peak
4	10275.000	37.30	13.36	50.66	74.00	-23.34	peak
5	11730.000	31.96	18.38	50.34	74.00	-23.66	peak
6	12705.000	30.78	19.25	50.03	74.00	-23.97	peak
7	17940.000	20.70	29.03	49.73	74.00	-24.27	peak

Test Mode:	802.11ax HE20 Tone26 RU0	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4800.000	61.94	1.55	63.49	74.00	-10.51	peak
2	4800.000	50.77	1.55	52.32	54.00	-1.68	AVG
3*	7200.000	48.08	7.63	55.71	68.20	-12.49	peak
4	11055.000	34.69	15.40	50.09	74.00	-23.91	peak
5	12645.000	32.45	18.11	50.56	74.00	-23.44	peak
6	13470.000	30.05	20.65	50.70	74.00	-23.30	peak
7	16920.000	25.51	25.08	50.59	74.00	-23.41	peak

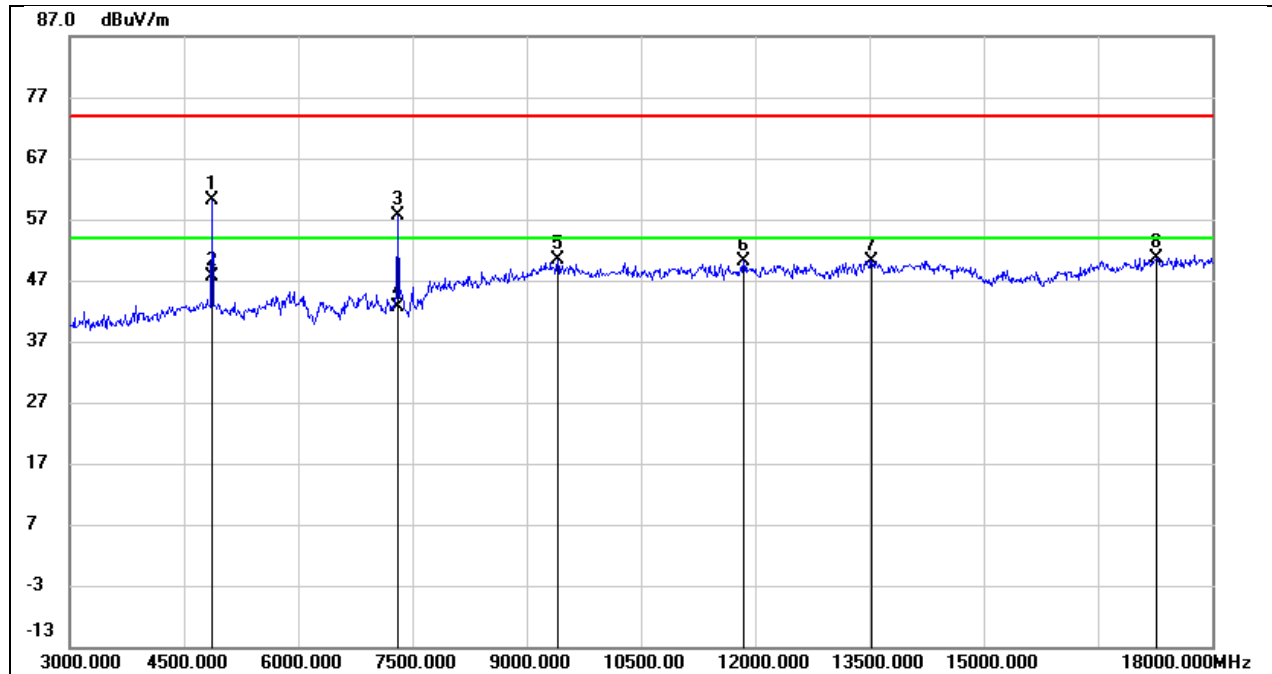
Test Mode:	802.11ax HE20 Tone26 RU4	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	58.27	0.65	58.92	74.00	-15.08	peak
2	4875.000	44.61	0.65	45.26	54.00	-8.74	AVG
3	7305.000	51.87	7.03	58.90	74.00	-15.10	peak
4	7305.000	35.31	7.03	42.34	54.00	-11.66	AVG
5	9450.000	37.23	12.18	49.41	74.00	-24.59	peak
6	11715.000	31.21	18.35	49.56	74.00	-24.44	peak
7	13365.000	27.03	21.90	48.93	74.00	-25.07	peak
8	18000.000	20.48	29.64	50.12	74.00	-23.88	peak

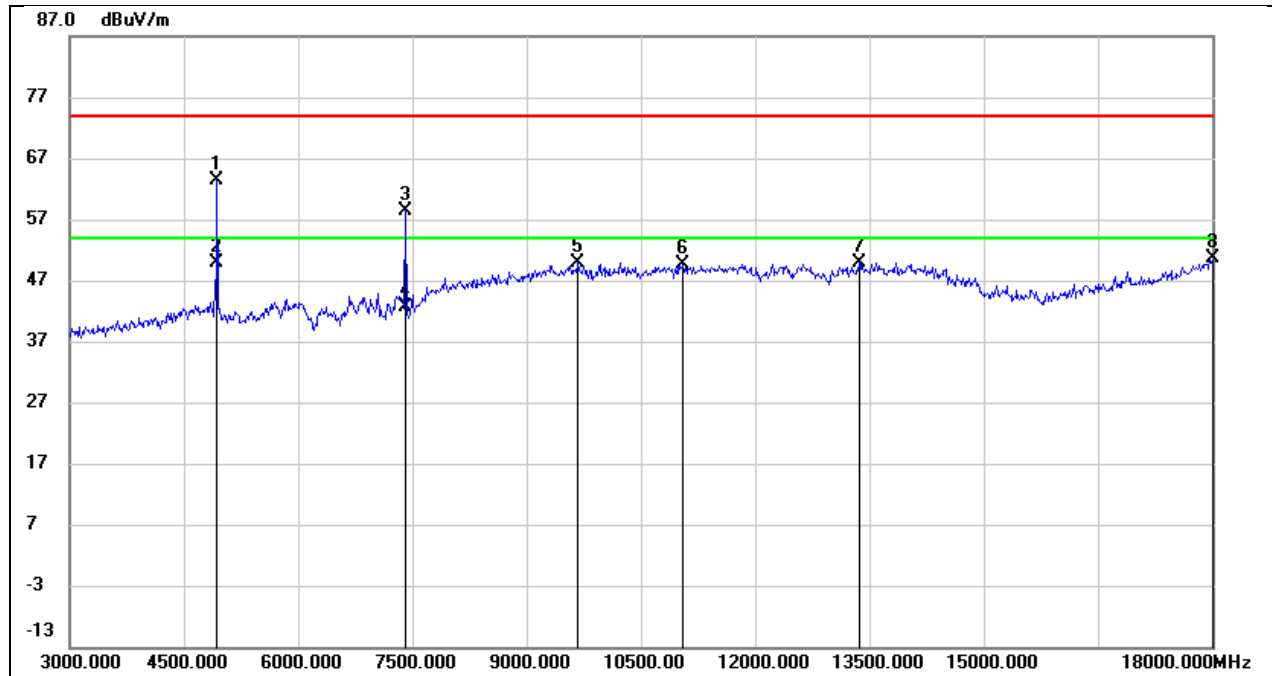


Test Mode:	802.11ax HE20 Tone26 RU4	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



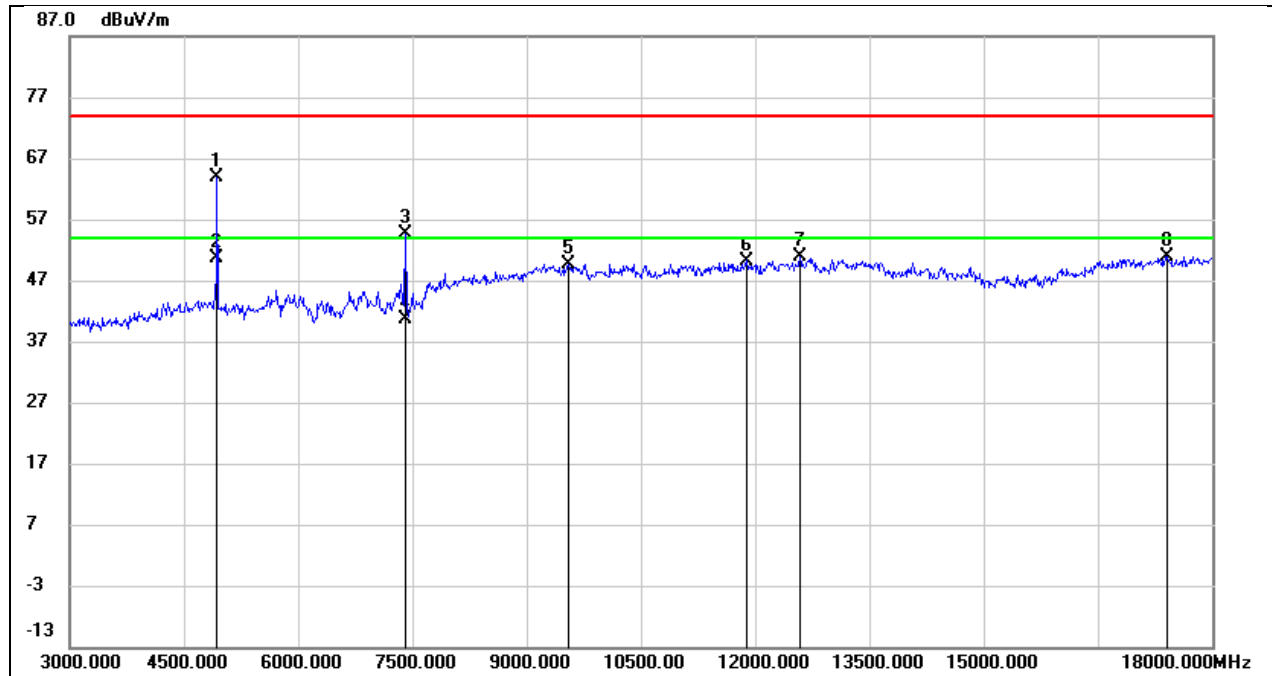
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	58.25	1.78	60.03	74.00	-13.97	peak
2	4875.000	45.81	1.78	47.59	54.00	-6.41	AVG
3	7305.000	49.89	7.68	57.57	74.00	-16.43	peak
4	7305.000	34.94	7.68	42.62	54.00	-11.38	AVG
5	9405.000	38.24	12.04	50.28	74.00	-23.72	peak
6	11850.000	32.73	17.33	50.06	74.00	-23.94	peak
7	13530.000	29.40	20.80	50.20	74.00	-23.80	peak
8	17265.000	25.32	25.34	50.66	74.00	-23.34	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



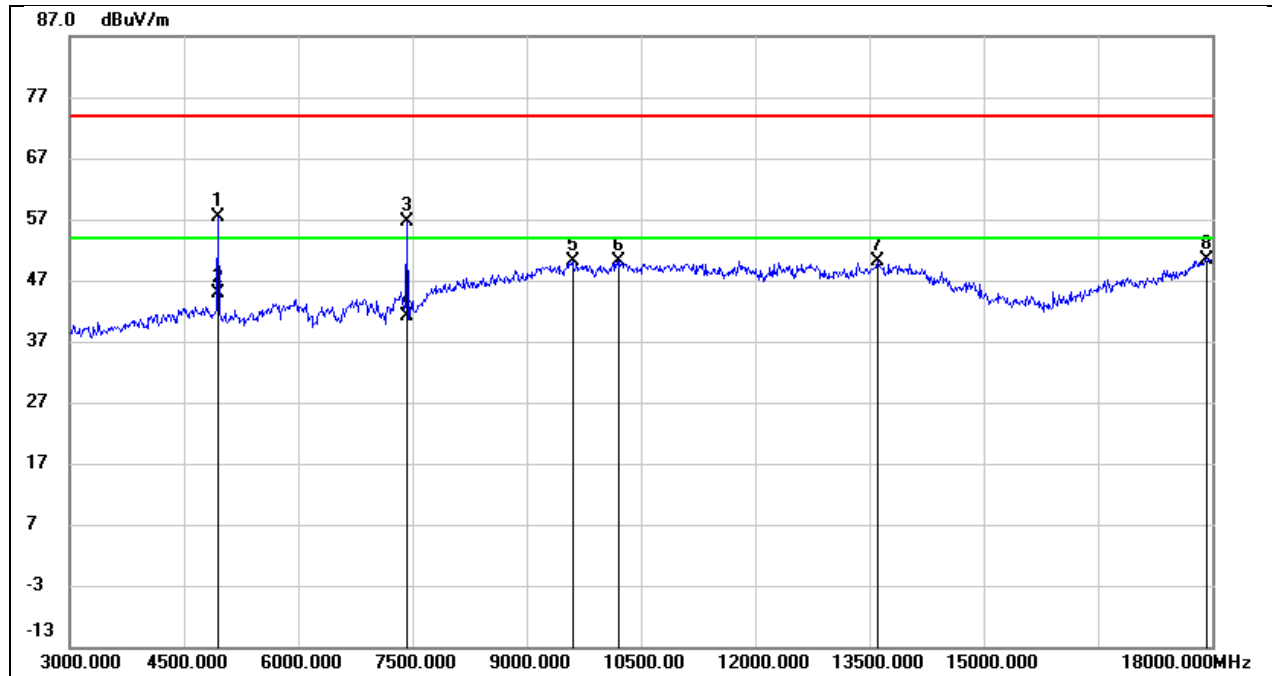
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	62.59	0.80	63.39	74.00	-10.61	peak
2	4935.000	49.05	0.80	49.85	54.00	-4.15	AVG
3	7410.000	51.24	7.18	58.42	74.00	-15.58	peak
4	7410.000	35.51	7.18	42.69	54.00	-11.31	AVG
5	9675.000	36.91	13.01	49.92	74.00	-24.08	peak
6	11055.000	33.46	16.28	49.74	74.00	-24.26	peak
7	13365.000	28.04	21.90	49.94	74.00	-24.06	peak
8	18000.000	20.97	29.64	50.61	74.00	-23.39	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



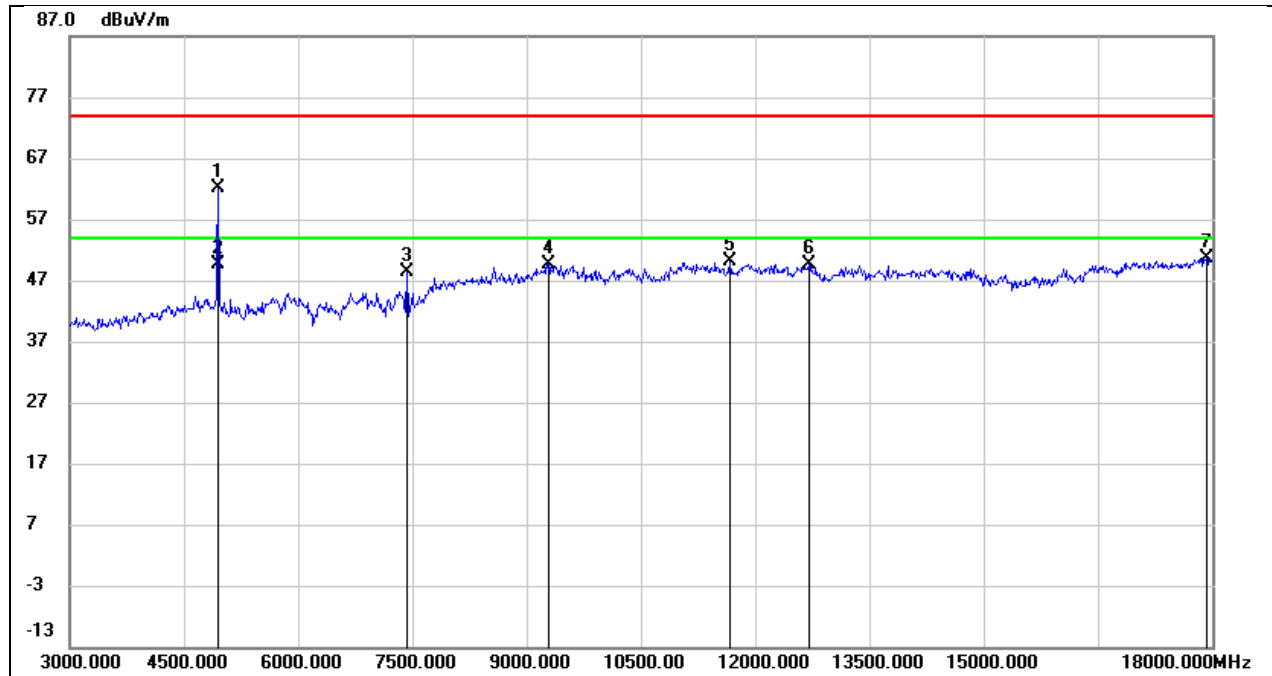
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	61.93	1.96	63.89	74.00	-10.11	peak
2	4935.000	48.72	1.96	50.68	54.00	-3.32	AVG
3	7410.000	46.79	7.76	54.55	74.00	-19.45	peak
4	7410.000	32.90	7.76	40.66	54.00	-13.34	AVG
5	9555.000	37.17	12.57	49.74	74.00	-24.26	peak
6	11895.000	32.82	17.43	50.25	74.00	-23.75	peak
7	12585.000	32.80	18.01	50.81	74.00	-23.19	peak
8	17400.000	25.58	25.39	50.97	74.00	-23.03	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



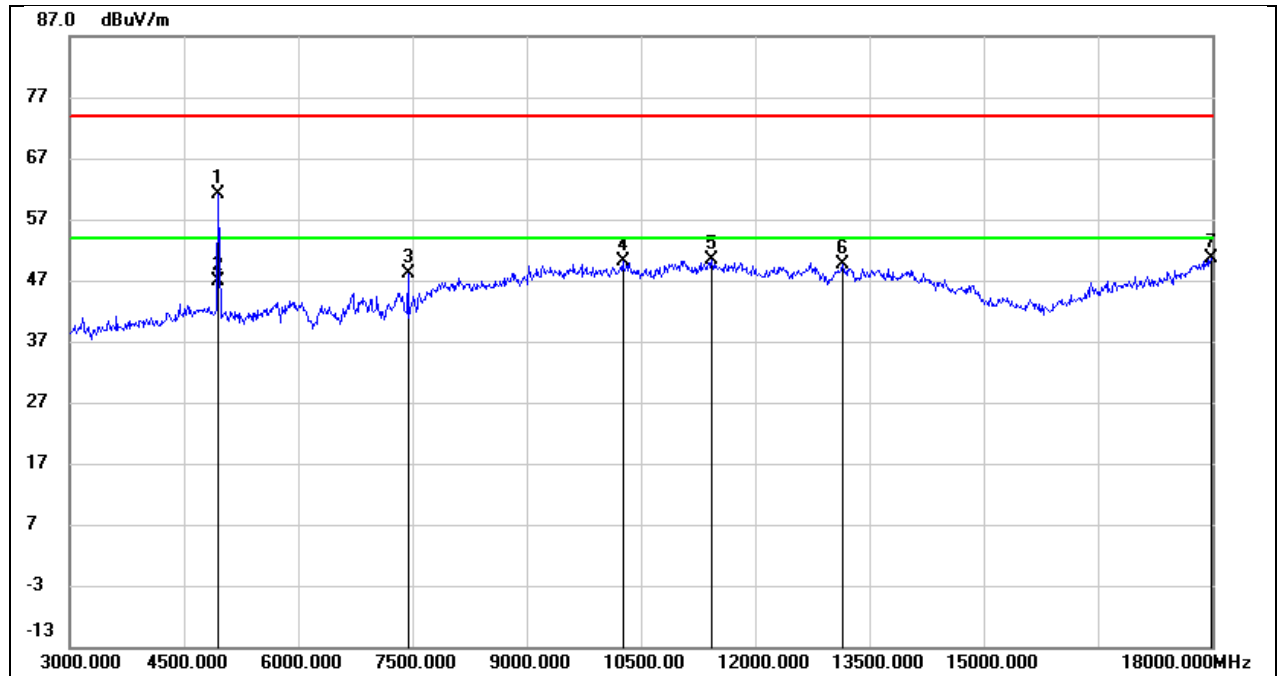
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	56.63	0.83	57.46	74.00	-16.54	peak
2	4950.000	44.06	0.83	44.89	54.00	-9.11	AVG
3	7425.000	49.37	7.21	56.58	74.00	-17.42	peak
4	7425.000	33.99	7.21	41.20	54.00	-12.80	AVG
5	9600.000	37.19	12.83	50.02	74.00	-23.98	peak
6	10215.000	36.89	13.29	50.18	74.00	-23.82	peak
7	13605.000	27.53	22.63	50.16	74.00	-23.84	peak
8	17925.000	21.63	28.87	50.50	74.00	-23.50	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



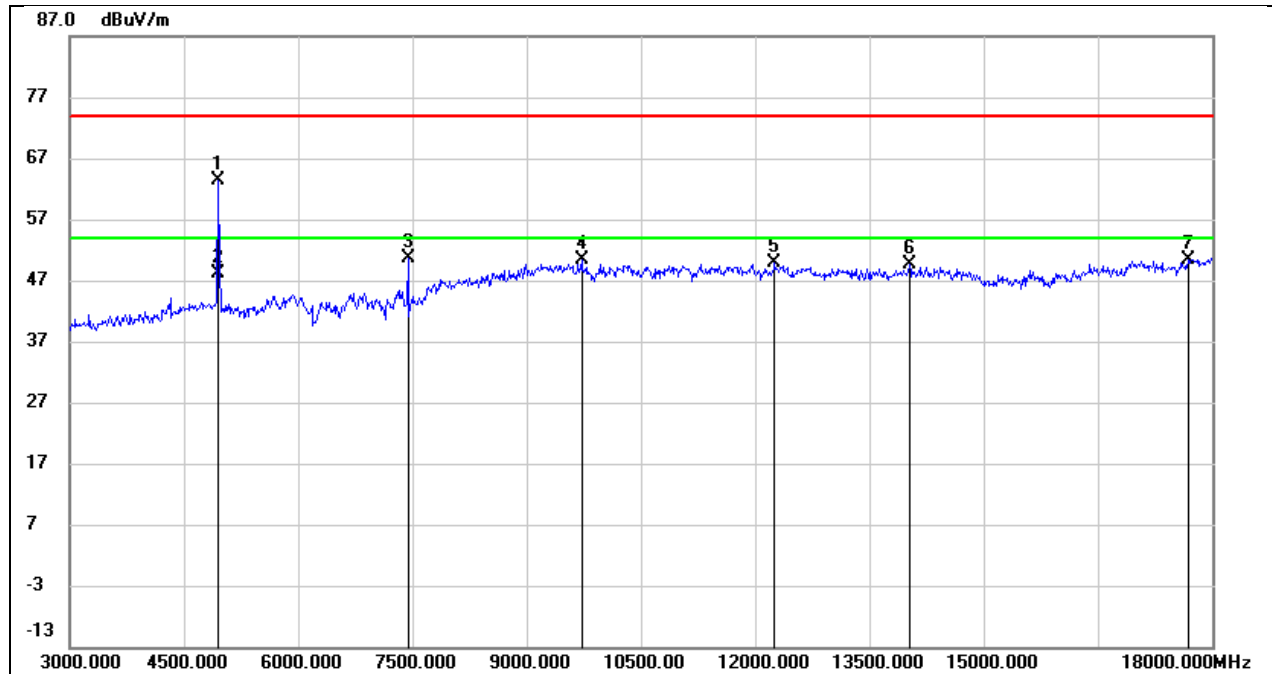
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	60.05	2.00	62.05	74.00	-11.95	peak
2	4950.000	47.51	2.00	49.51	54.00	-4.49	AVG
3	7425.000	40.66	7.77	48.43	74.00	-25.57	peak
4	9285.000	38.04	11.62	49.66	74.00	-24.34	peak
5	11670.000	33.25	16.91	50.16	74.00	-23.84	peak
6	12705.000	31.49	18.22	49.71	74.00	-24.29	peak
7	17925.000	23.69	27.00	50.69	74.00	-23.31	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



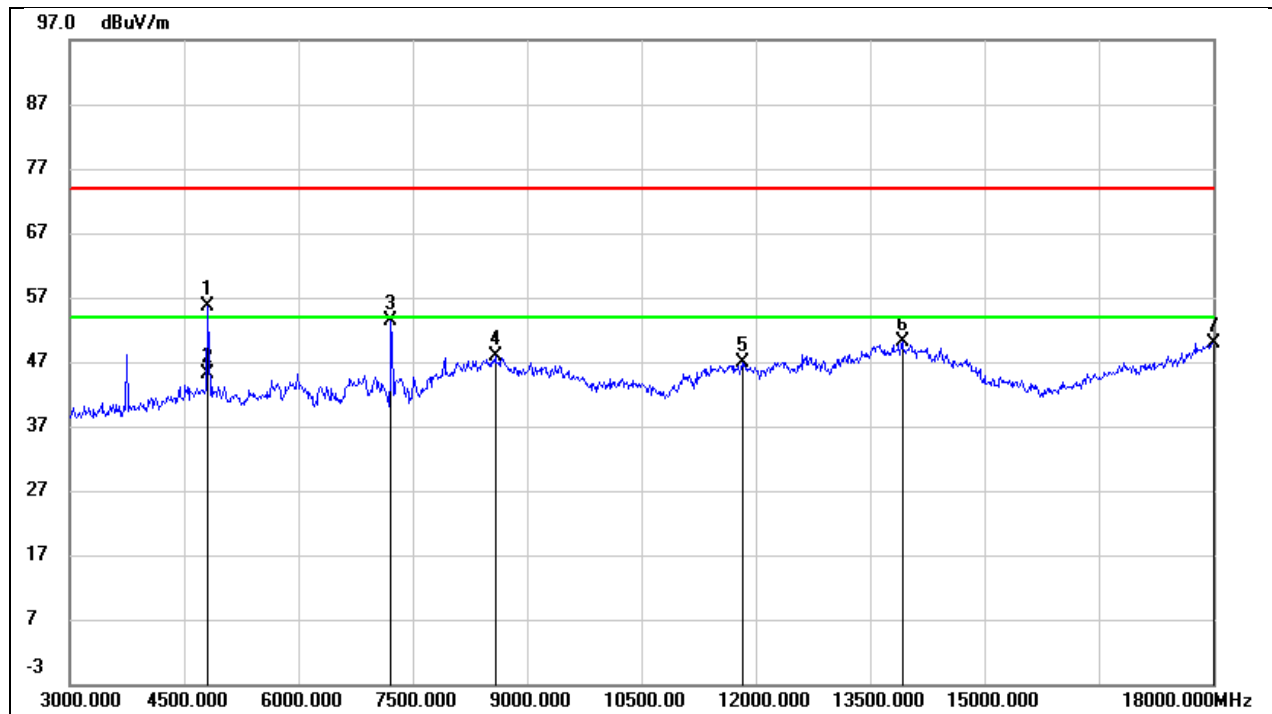
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	60.30	0.83	61.13	74.00	-12.87	peak
2	4950.000	46.05	0.83	46.88	54.00	-7.12	AVG
3	7440.000	40.99	7.26	48.25	74.00	-25.75	peak
4	10260.000	36.74	13.34	50.08	74.00	-23.92	peak
5	11430.000	32.71	17.72	50.43	74.00	-23.57	peak
6	13140.000	28.81	20.89	49.70	74.00	-24.30	peak
7	17985.000	21.03	29.49	50.52	74.00	-23.48	peak

Test Mode:	802.11ax HE20 Tone26 RU8	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	61.48	2.00	63.48	74.00	-10.52	peak
2	4950.000	46.10	2.00	48.10	54.00	-5.90	AVG
3	7440.000	42.74	7.80	50.54	74.00	-23.46	peak
4	9720.000	37.55	12.80	50.35	74.00	-23.65	peak
5	12255.000	32.04	17.80	49.84	74.00	-24.16	peak
6	14025.000	27.52	22.20	49.72	74.00	-24.28	peak
7	17685.000	24.40	25.95	50.35	74.00	-23.65	peak

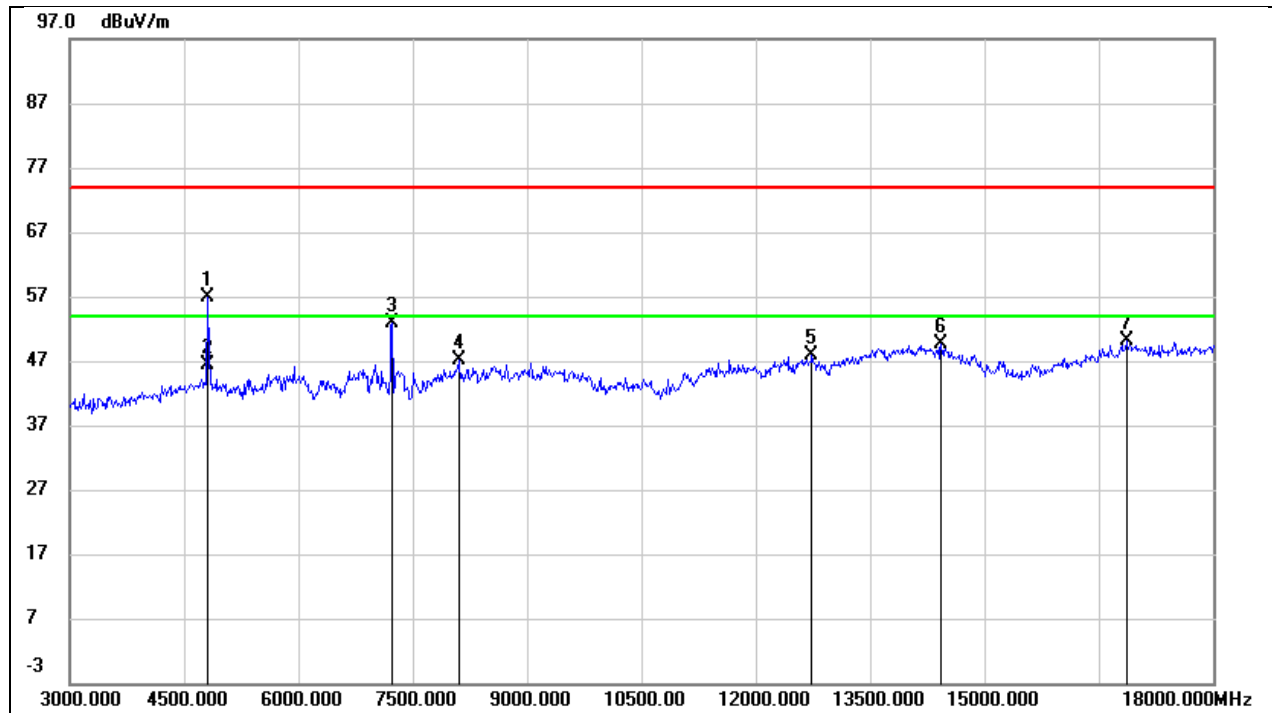
Test Mode:	802.11ax HE20 Tone106 RU53	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	55.16	0.50	55.66	74.00	-18.34	peak
2	4815.000	44.59	0.50	45.09	54.00	-8.91	AVG
3	7215.000	46.48	6.91	53.39	74.00	-20.61	peak
4	8580.000	38.70	9.26	47.96	74.00	-26.04	peak
5	11835.000	28.44	18.54	46.98	74.00	-27.02	peak
6	13920.000	26.58	23.45	50.03	74.00	-23.97	peak
7	18000.000	20.24	29.64	49.88	74.00	-24.12	peak

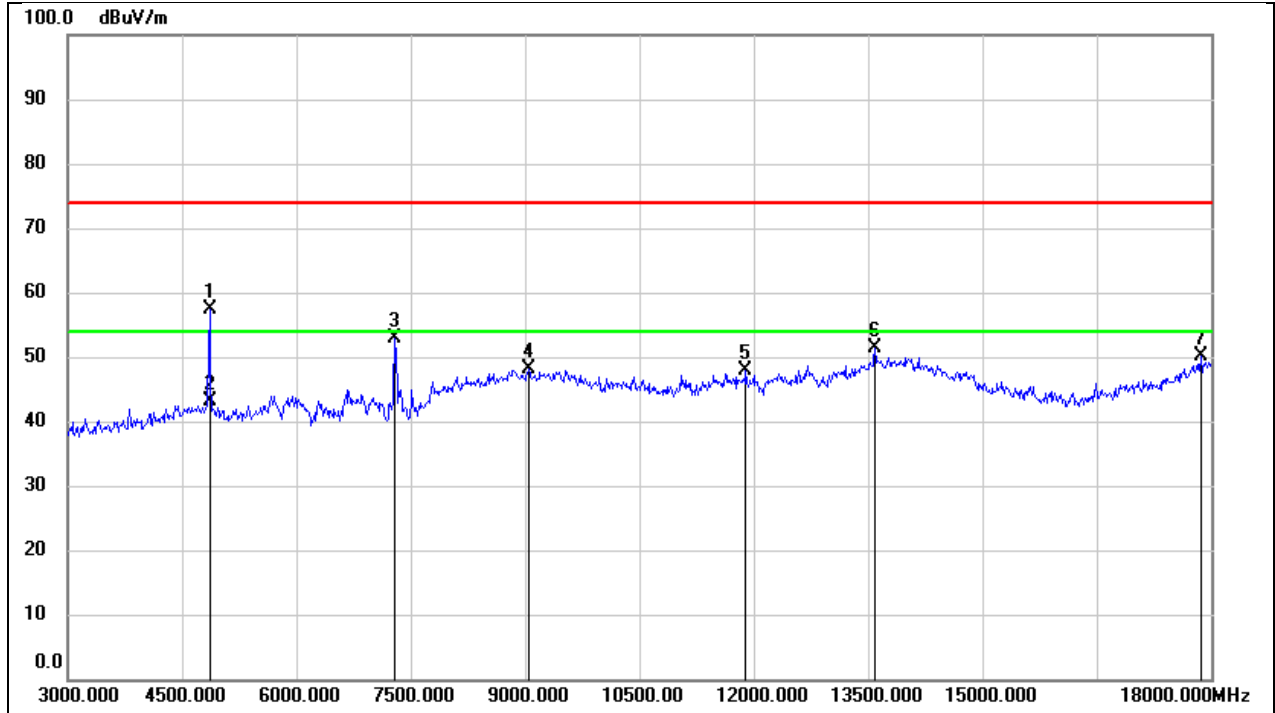


Test Mode:	802.11ax HE20 Tone106 RU53	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 5V



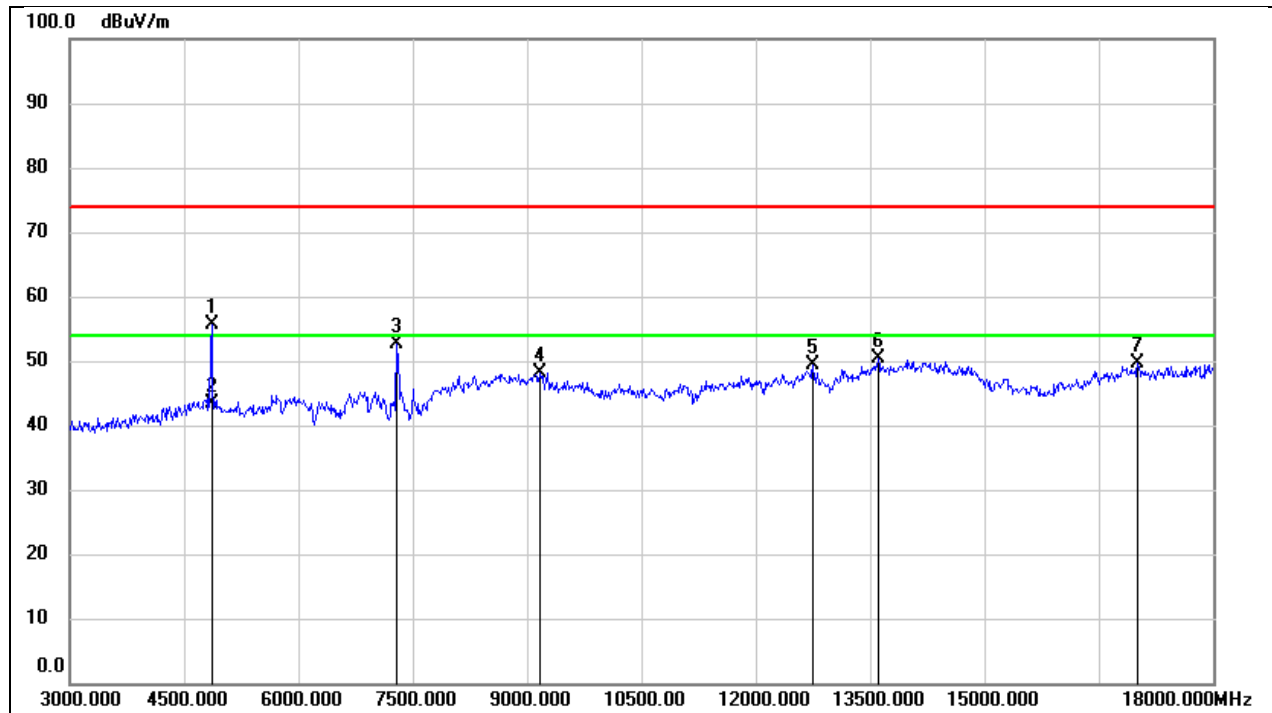
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	55.32	1.59	56.91	74.00	-17.09	peak
2	4815.000	44.68	1.59	46.27	54.00	-7.73	AVG
3	7230.000	45.14	7.65	52.79	74.00	-21.21	peak
4	8100.000	38.23	8.81	47.04	74.00	-26.96	peak
5	12735.000	29.61	18.29	47.90	74.00	-26.10	peak
6	14430.000	27.88	21.68	49.56	74.00	-24.44	peak
7	16860.000	25.16	25.00	50.16	74.00	-23.84	peak

Test Mode:	802.11ax HE20 Tone106 RU53	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 5V



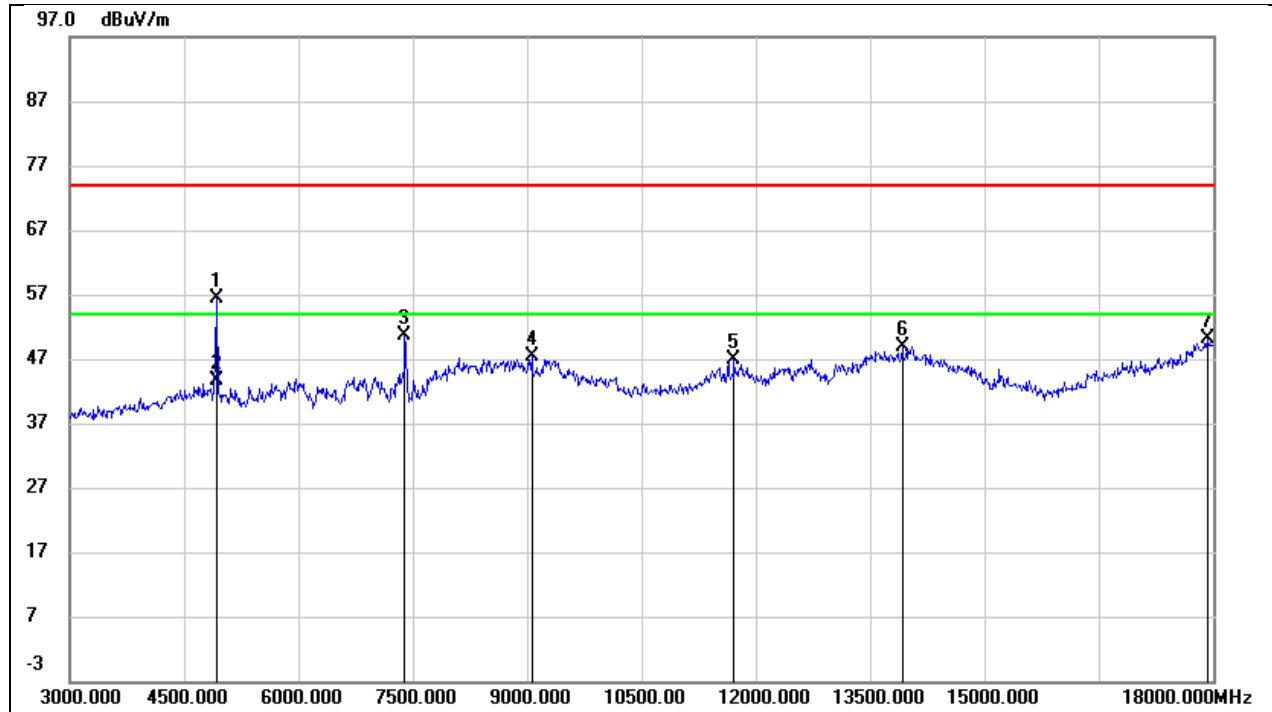
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	56.72	0.62	57.34	74.00	-16.66	peak
2	4860.000	42.49	0.62	43.11	54.00	-10.89	AVG
3	7290.000	45.75	7.02	52.77	74.00	-21.23	peak
4	9045.000	37.64	10.38	48.02	74.00	-25.98	peak
5	11895.000	29.32	18.61	47.93	74.00	-26.07	peak
6	13590.000	28.72	22.60	51.32	74.00	-22.68	peak
7	17865.000	21.82	28.26	50.08	74.00	-23.92	peak

Test Mode:	802.11ax HE20 Tone106 RU53	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 5V



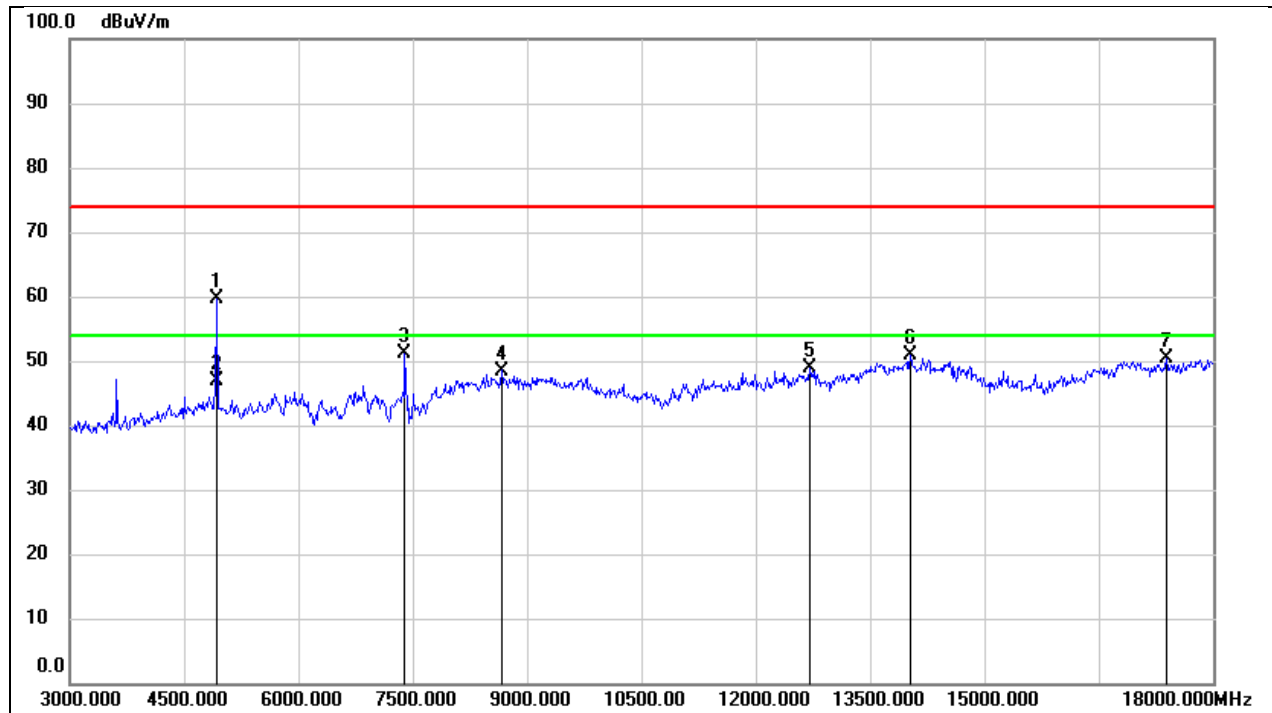
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	53.93	1.73	55.66	74.00	-18.34	peak
2	4860.000	41.68	1.73	43.41	54.00	-10.59	AVG
3	7290.000	44.99	7.68	52.67	74.00	-21.33	peak
4	9165.000	36.98	11.19	48.17	74.00	-25.83	peak
5	12750.000	30.94	18.32	49.26	74.00	-24.74	peak
6	13605.000	29.44	20.95	50.39	74.00	-23.61	peak
7	17010.000	24.46	25.19	49.65	74.00	-24.35	peak

Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 5V



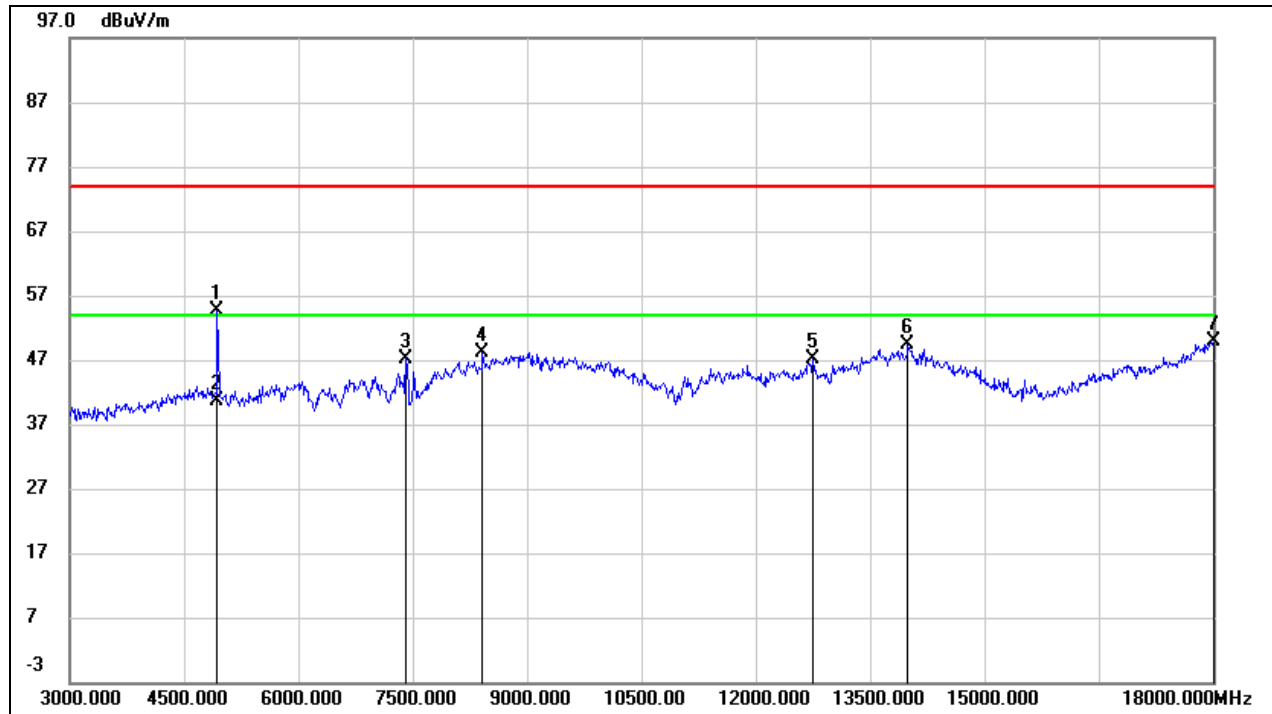
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	55.63	0.80	56.43	74.00	-17.57	peak
2	4935.000	42.88	0.80	43.68	54.00	-10.32	AVG
3	7395.000	43.41	7.15	50.56	74.00	-23.44	peak
4	9060.000	36.95	10.45	47.40	74.00	-26.60	peak
5	11715.000	28.56	18.35	46.91	74.00	-27.09	peak
6	13920.000	25.46	23.45	48.91	74.00	-25.09	peak
7	17925.000	21.27	28.87	50.14	74.00	-23.86	peak

Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 5V



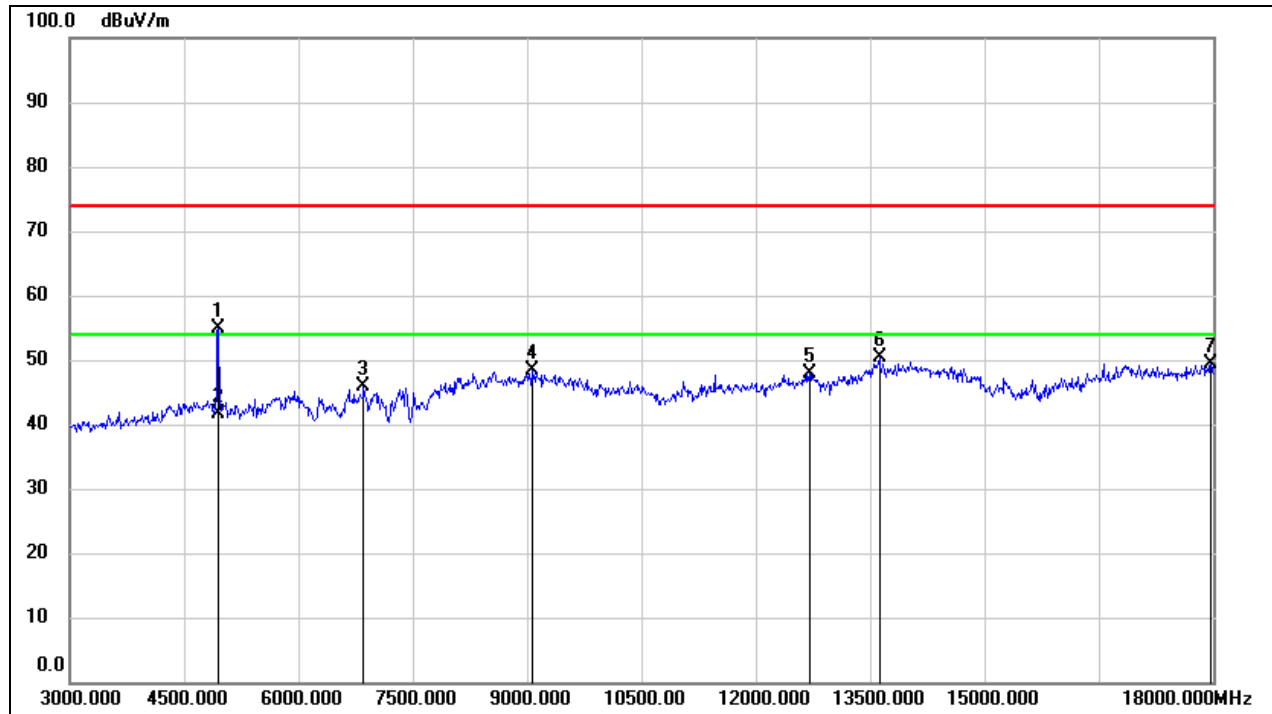
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	57.78	1.96	59.74	74.00	-14.26	peak
2	4935.000	45.02	1.96	46.98	54.00	-7.02	AVG
3	7395.000	43.37	7.74	51.11	74.00	-22.89	peak
4	8670.000	38.56	9.94	48.50	74.00	-25.50	peak
5	12705.000	30.61	18.22	48.83	74.00	-25.17	peak
6	14025.000	28.63	22.20	50.83	74.00	-23.17	peak
7	17385.000	25.10	25.38	50.48	74.00	-23.52	peak

Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2467
Polarity:	Horizontal	Test Voltage:	DC 5V



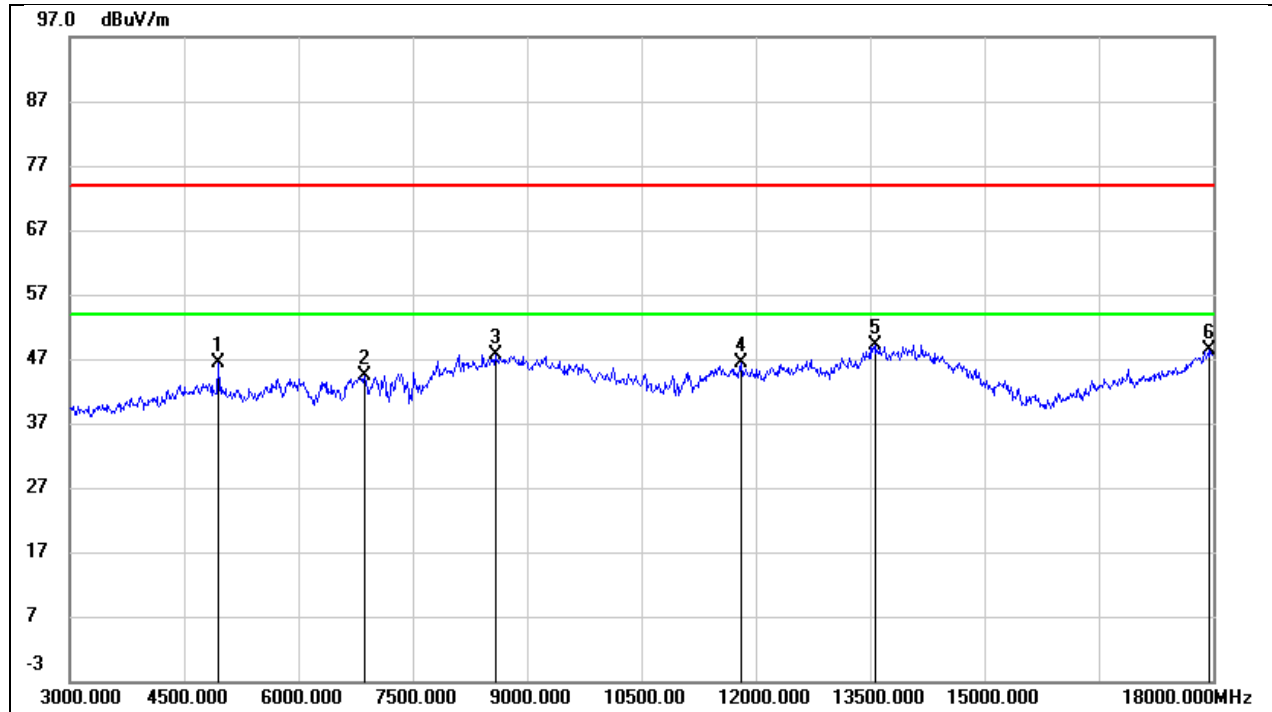
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.000	53.81	0.80	54.61	74.00	-19.39	peak
2	4935.000	39.74	0.80	40.54	54.00	-13.46	AVG
3	7410.000	40.07	7.18	47.25	74.00	-26.75	peak
4	8415.000	39.33	8.91	48.24	74.00	-25.76	peak
5	12750.000	27.74	19.37	47.11	74.00	-26.89	peak
6	13995.000	25.54	23.78	49.32	74.00	-24.68	peak
7	18000.000	20.12	29.64	49.76	74.00	-24.24	peak

Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2467
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	52.99	2.00	54.99	74.00	-19.01	peak
2	4950.000	39.72	2.00	41.72	54.00	-12.28	AVG
3	6855.000	38.92	6.88	45.80	74.00	-28.20	peak
4	9060.000	37.53	10.80	48.33	74.00	-25.67	peak
5	12705.000	29.62	18.22	47.84	74.00	-26.16	peak
6	13620.000	29.37	20.97	50.34	74.00	-23.66	peak
7	17970.000	22.21	27.26	49.47	74.00	-24.53	peak

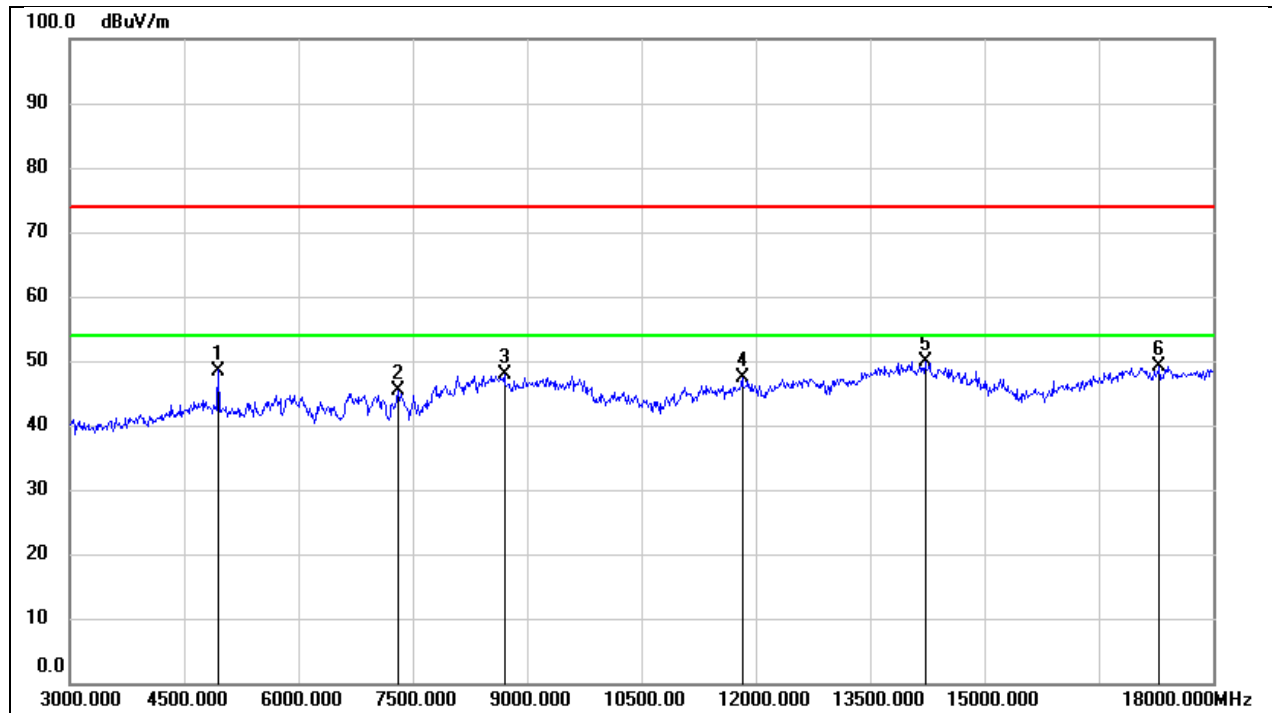
Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2472
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	45.62	0.83	46.45	74.00	-27.55	peak
2	6870.000	38.43	6.04	44.47	74.00	-29.53	peak
3	8580.000	38.46	9.26	47.72	74.00	-26.28	peak
4	11805.000	27.80	18.50	46.30	74.00	-27.70	peak
5	13560.000	26.63	22.55	49.18	74.00	-24.82	peak
6	17940.000	19.38	29.03	48.41	74.00	-25.59	peak



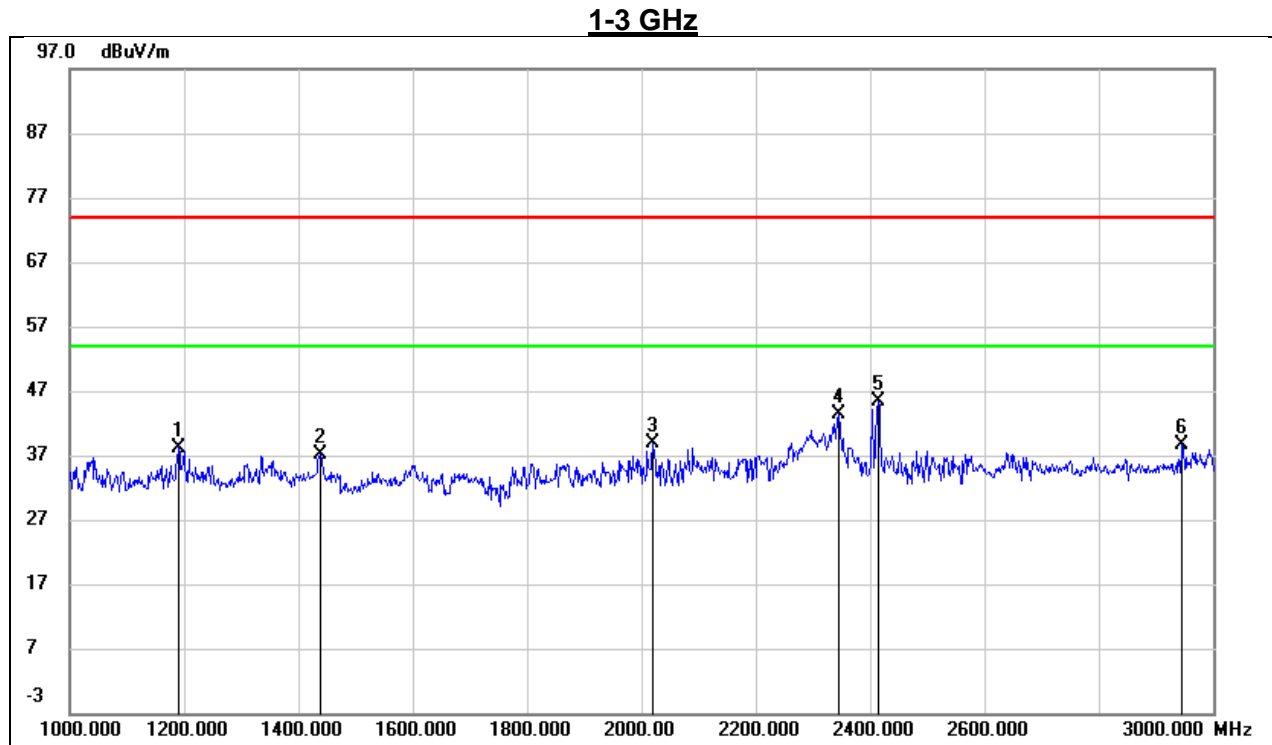
Test Mode:	802.11ax HE20 Tone106 RU54	Frequency(MHz):	2472
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4950.000	46.50	2.00	48.50	74.00	-25.50	peak
2	7305.000	37.63	7.68	45.31	74.00	-28.69	peak
3	8700.000	37.86	9.95	47.81	74.00	-26.19	peak
4	11820.000	30.14	17.27	47.41	74.00	-26.59	peak
5	14220.000	27.70	22.22	49.92	74.00	-24.08	peak
6	17295.000	23.87	25.36	49.23	74.00	-24.77	peak

## 8.9. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

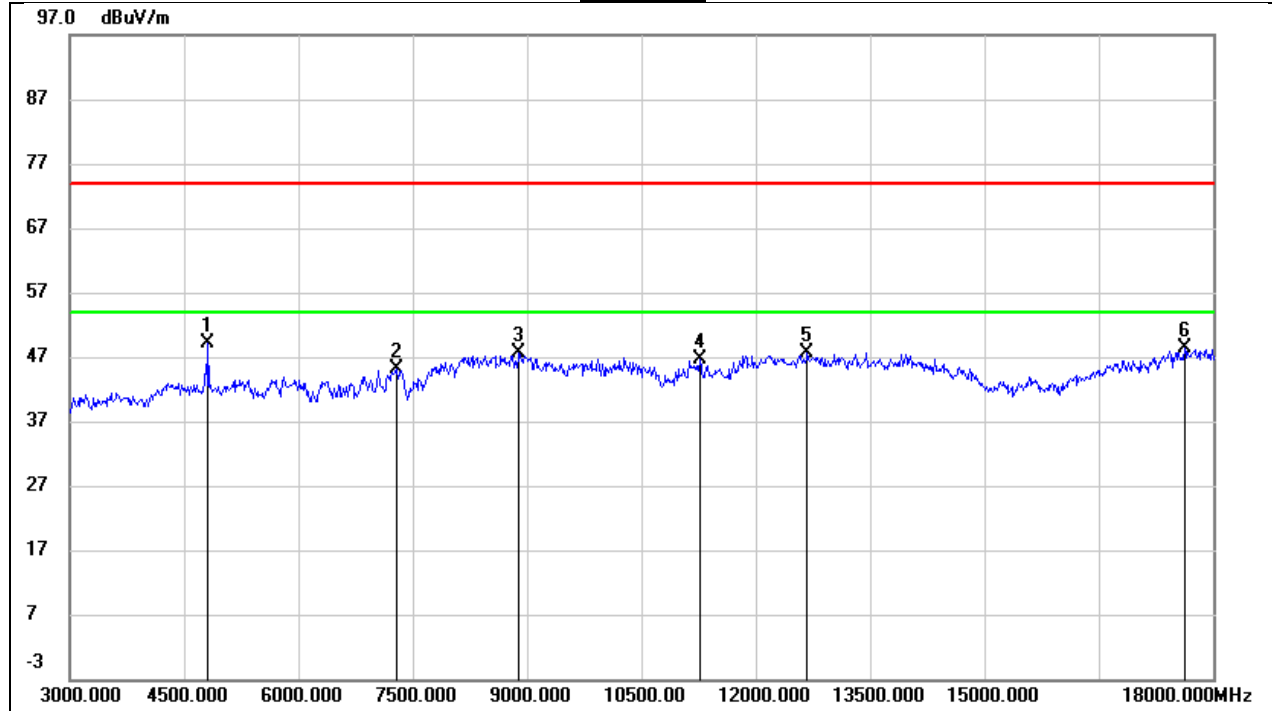
### SPURIOUS EMISSIONS (BT DH5 LOW CHANNEL, 802.11ax20 2.4G LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1190.000	51.77	-13.52	38.25	74.00	-35.75	peak
2	1438.000	49.27	-12.24	37.03	74.00	-36.97	peak
3	2020.000	49.01	-10.03	38.98	74.00	-35.02	peak
4	2344.000	52.29	-8.79	43.50	74.00	-30.50	peak
5	2412.000	53.85	-8.53	45.32	/	/	Fundamental
6	2946.000	44.90	-6.25	38.65	74.00	-35.35	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.

### 3-18 GHz



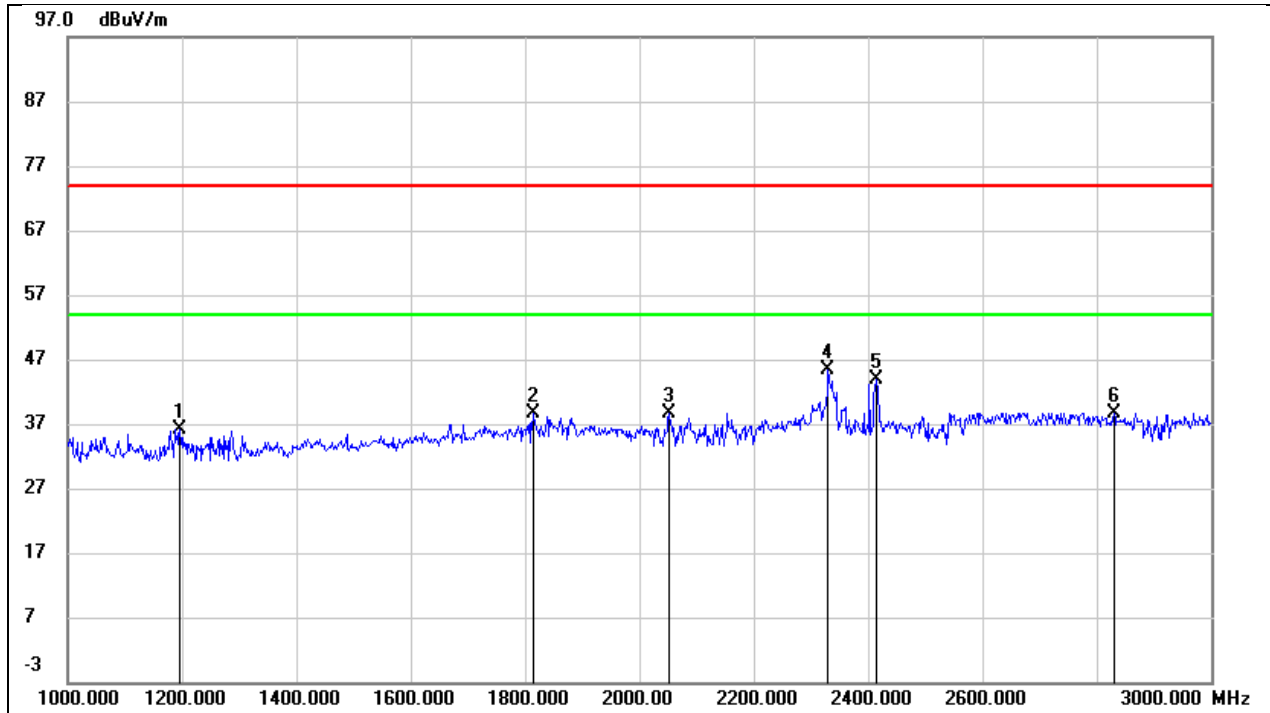
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	48.63	0.50	49.13	74.00	-24.87	peak
2	7290.000	38.21	7.02	45.23	74.00	-28.77	peak
3	8895.000	37.69	9.84	47.53	74.00	-26.47	peak
4	11265.000	29.38	17.29	46.67	74.00	-27.33	peak
5	12675.000	28.40	19.18	47.58	74.00	-26.42	peak
6	17625.000	22.09	26.33	48.42	74.00	-25.58	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 (BT DH5 LOW CHANNEL, 802.11ax20 2.4G LOW CHANNEL,  
WORST-CASE CONFIGURATION, VERTICAL)**

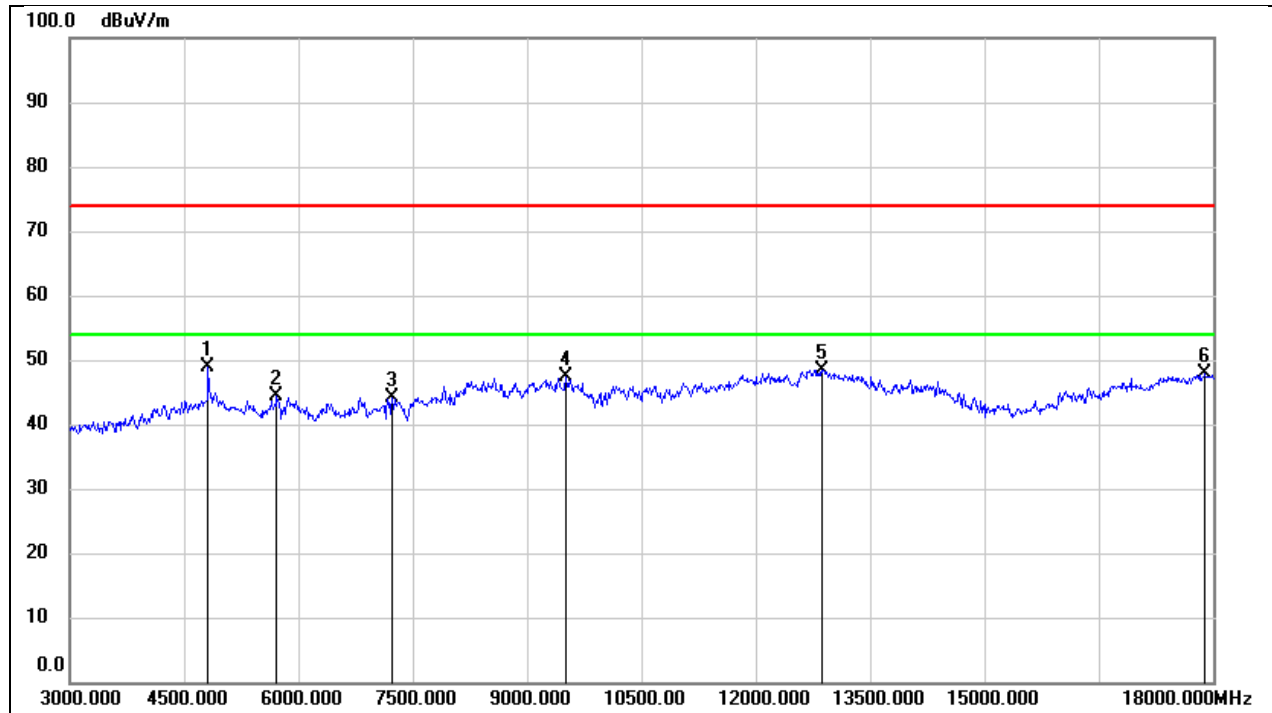
**1-3 GHz**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1196.000	49.08	-13.03	36.05	74.00	-37.95	peak
2	1814.000	48.07	-9.37	38.70	74.00	-35.30	peak
3	2052.000	47.71	-9.02	38.69	74.00	-35.31	peak
4	2330.000	53.36	-8.02	45.34	74.00	-28.66	peak
5	2412.000	51.65	-7.72	43.93	/	/	Fundamental
6	2830.000	44.30	-5.65	38.65	74.00	-35.35	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.

### 3-18 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	47.18	1.59	48.77	74.00	-25.23	peak
2	5715.000	40.79	3.67	44.46	74.00	-29.54	peak
3	7230.000	36.53	7.65	44.18	74.00	-29.82	peak
4	9510.000	34.82	12.44	47.26	74.00	-26.74	peak
5	12870.000	29.84	18.60	48.44	74.00	-25.56	peak
6	17895.000	21.02	26.83	47.85	74.00	-26.15	peak

Note:

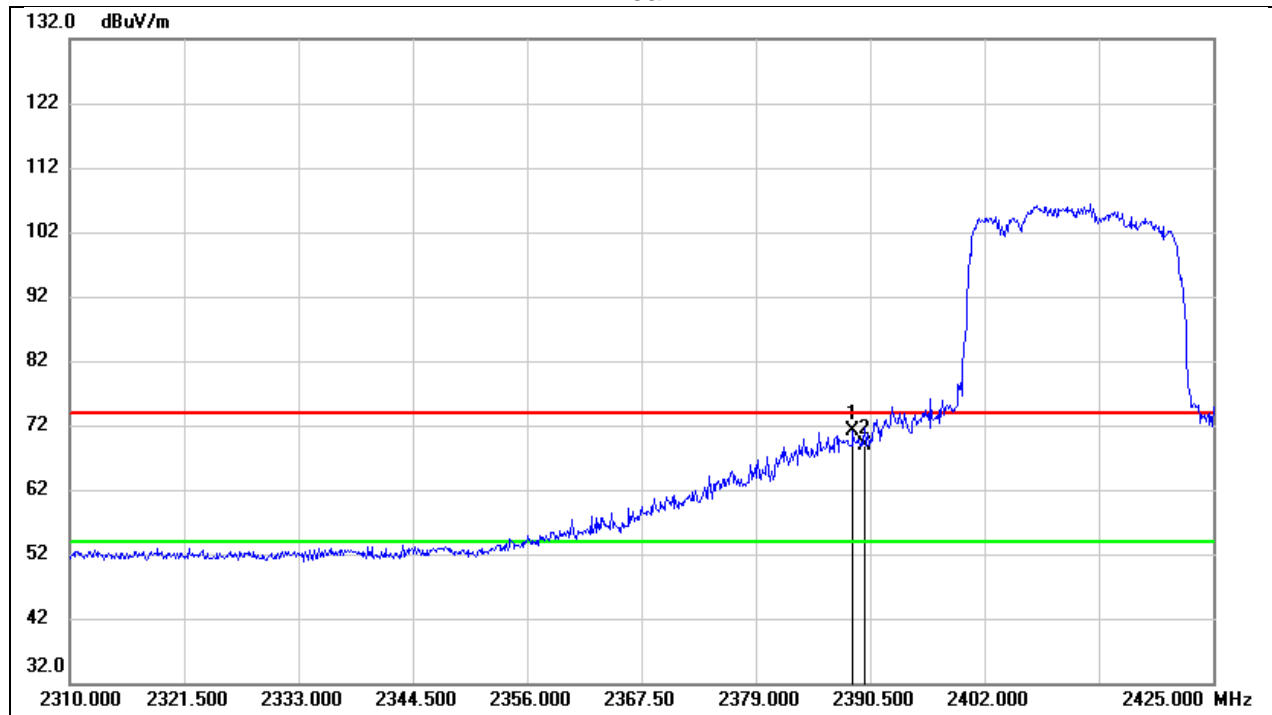
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.
5. For the transmitting duration, please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

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

### RESTRICTED BANDEDGE

#### BT DH5 LOW CHANNEL, 802.11ax 2.4G LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL

Peak

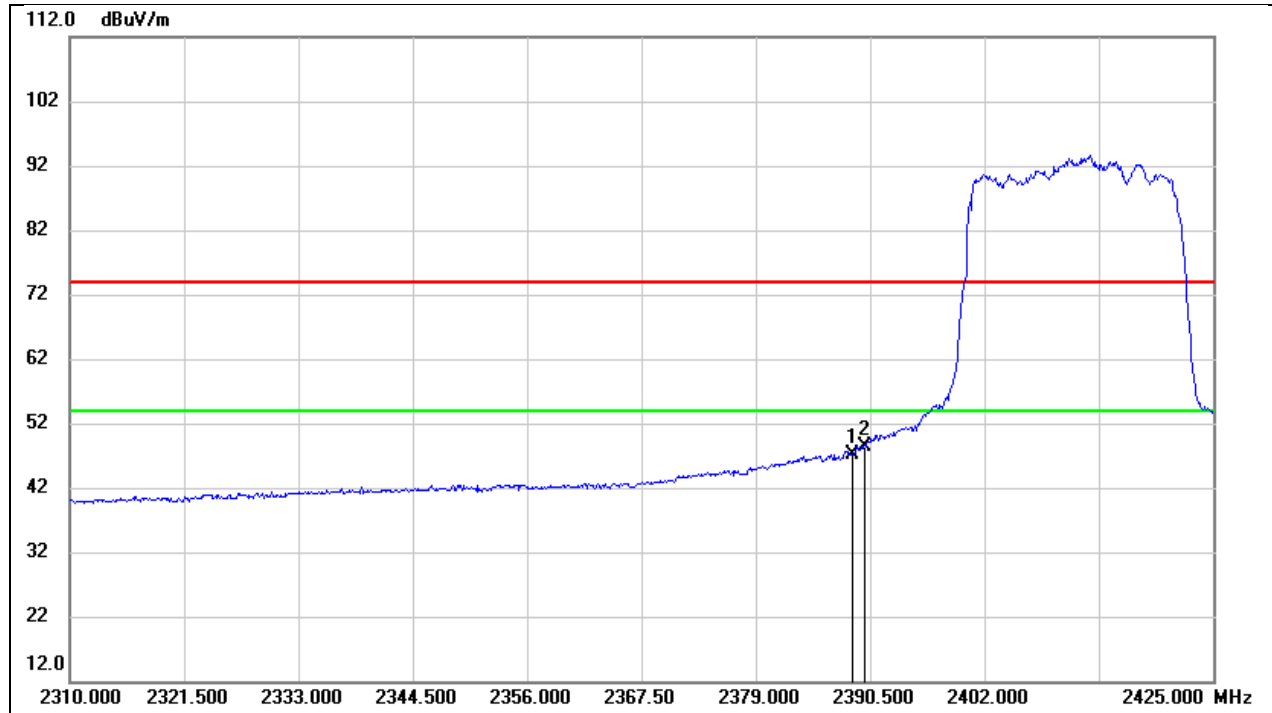


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.775	38.55	32.55	71.10	74.00	-2.90	peak
2	2390.000	36.29	32.55	68.84	74.00	-5.16	peak

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.
6. All modes 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	2388.775	14.68	32.55	47.23	54.00	-6.77	AVG
2	2390.000	15.80	32.55	48.35	54.00	-5.65	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 7.5.
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 have been tested, but only the worst data was recorded in the report.

## 9. 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 15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### DESCRIPTION

Pass



## 10. AC POWER LINE CONDUCTED EMISSION

### LIMITS

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

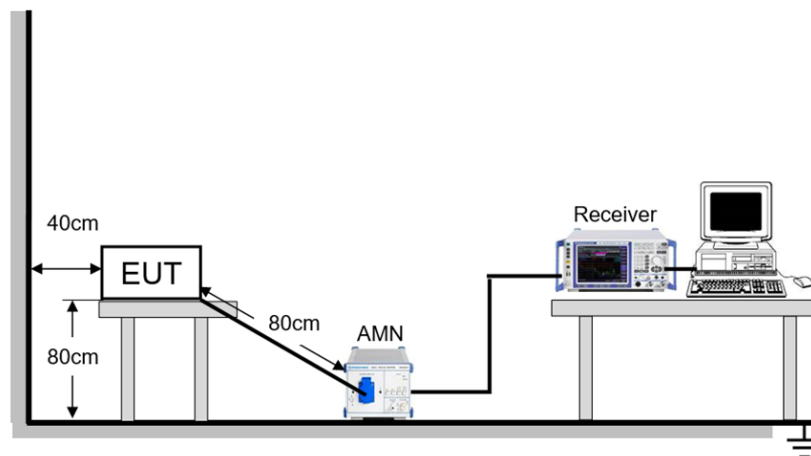
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

### TEST PROCEDURE

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

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

### TEST SETUP



### TEST ENVIRONMENT

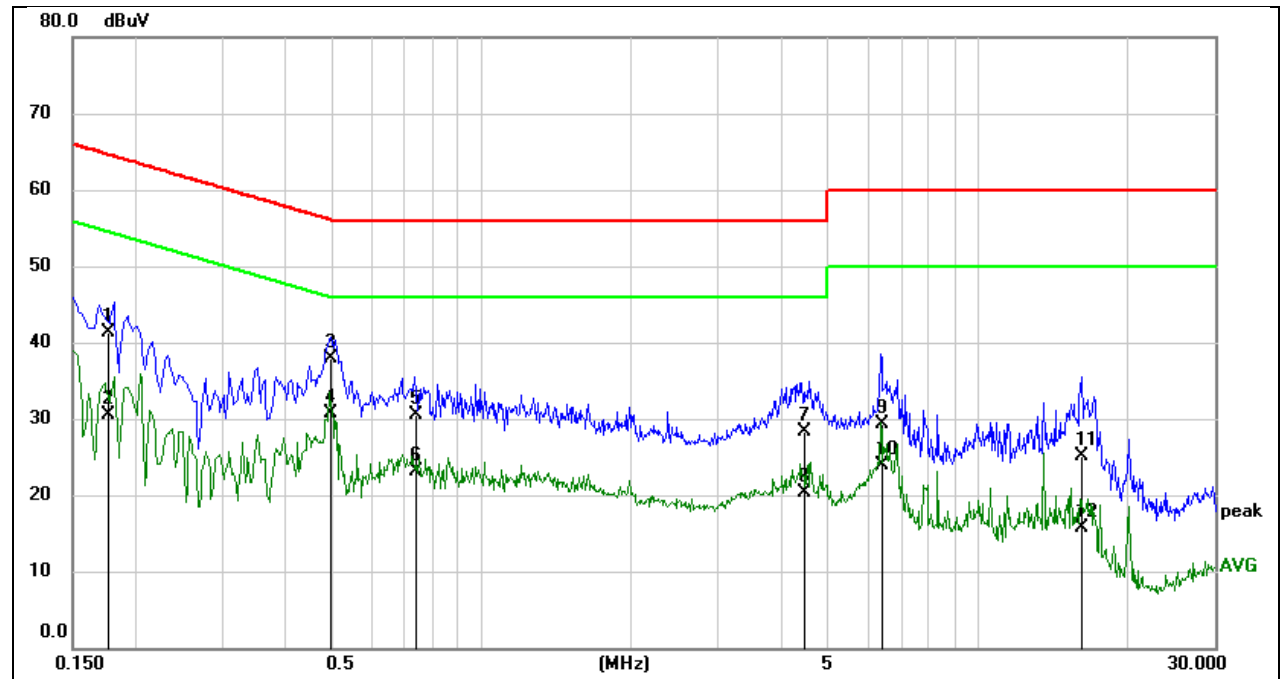
Temperature	22.5°C	Relative Humidity	52.6%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

### TEST DATE / ENGINEER

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

Test Mode:	802.11b	Frequency(MHz):	2412
Line:	Line		



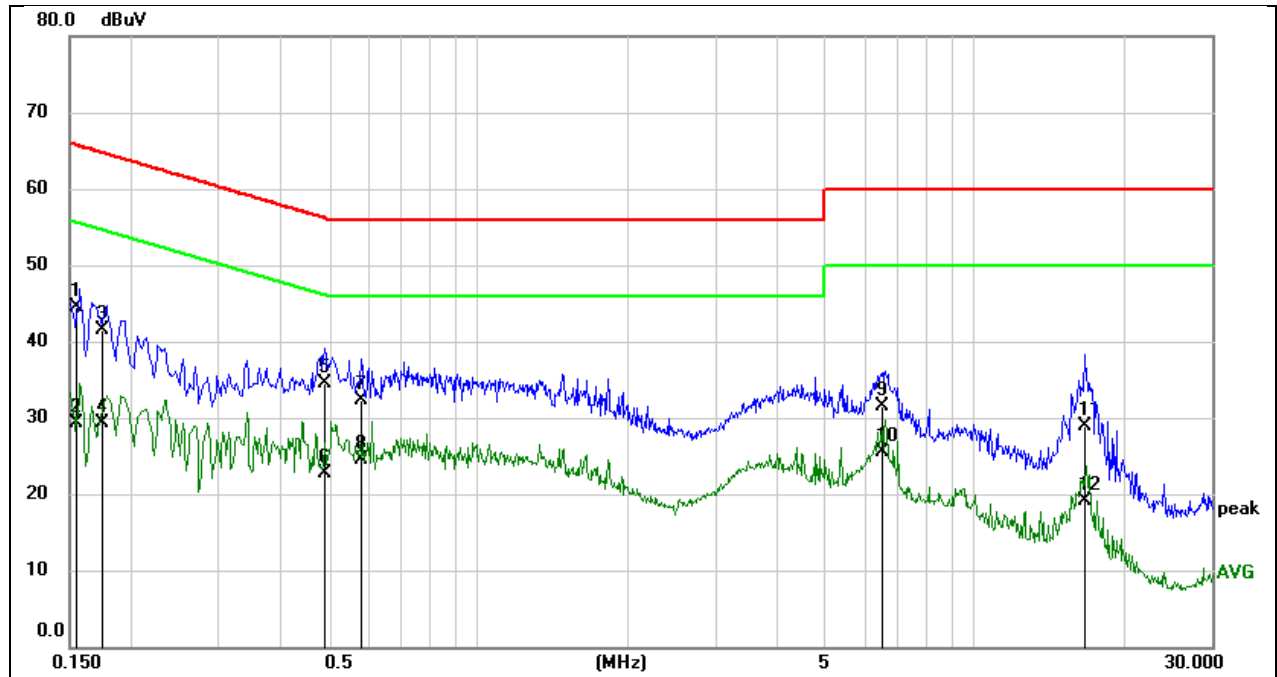
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1774	31.76	9.64	41.40	64.61	-23.21	QP
2	0.1774	20.80	9.64	30.44	54.61	-24.17	AVG
3	0.4959	28.19	9.64	37.83	56.07	-18.24	QP
4	0.4959	21.14	9.64	30.78	46.07	-15.29	AVG
5	0.7400	20.83	9.63	30.46	56.00	-25.54	QP
6	0.7400	13.50	9.63	23.13	46.00	-22.87	AVG
7	4.5101	18.72	9.65	28.37	56.00	-27.63	QP
8	4.5101	10.62	9.65	20.27	46.00	-25.73	AVG
9	6.4292	19.57	9.71	29.28	60.00	-30.72	QP
10	6.4292	14.11	9.71	23.82	50.00	-26.18	AVG
11	16.1722	15.35	9.74	25.09	60.00	-34.91	QP
12	16.1722	6.04	9.74	15.78	50.00	-34.22	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:	802.11b	Frequency(MHz):	2412
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1546	34.81	9.64	44.45	65.75	-21.30	QP
2	0.1546	19.71	9.64	29.35	55.75	-26.40	AVG
3	0.1747	31.87	9.64	41.51	64.73	-23.22	QP
4	0.1747	19.74	9.64	29.38	54.73	-25.35	AVG
5	0.4867	24.85	9.64	34.49	56.22	-21.73	QP
6	0.4867	13.12	9.64	22.76	46.22	-23.46	AVG
7	0.5808	22.64	9.64	32.28	56.00	-23.72	QP
8	0.5808	14.77	9.64	24.41	46.00	-21.59	AVG
9	6.5226	21.87	9.71	31.58	60.00	-28.42	QP
10	6.5226	15.81	9.71	25.52	50.00	-24.48	AVG
11	16.5660	19.22	9.74	28.96	60.00	-31.04	QP
12	16.5660	9.34	9.74	19.08	50.00	-30.92	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.

## 11. TEST DATA

### 11.1. APPENDIX A: DTS BANDWIDTH

#### 11.1.1. Test Result-SU mode

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	7.560	2408.000	2415.560	≥0.5	PASS
	Ant1	2412	7.120	2408.44	2415.560	≥0.5	PASS
	Ant0	2437	7.080	2433.480	2440.560	≥0.5	PASS
	Ant1	2437	7.080	2433.44	2440.520	≥0.5	PASS
	Ant0	2462	8.040	2458.000	2466.040	≥0.5	PASS
	Ant1	2462	7.520	2458.480	2466.000	≥0.5	PASS
	Ant0	2467	7.560	2463.480	2471.040	≥0.5	PASS
	Ant1	2467	6.560	2463.480	2470.040	≥0.5	PASS
	Ant0	2472	8.040	2467.960	2476.000	≥0.5	PASS
	Ant1	2472	7.600	2468.440	2476.040	≥0.5	PASS
11G	Ant0	2412	15.080	2404.480	2419.560	≥0.5	PASS
	Ant1	2412	16.320	2403.880	2420.200	≥0.5	PASS
	Ant0	2437	16.080	2429.120	2445.200	≥0.5	PASS
	Ant1	2437	14.560	2429.760	2444.320	≥0.5	PASS
	Ant0	2462	16.280	2453.880	2470.160	≥0.5	PASS
	Ant1	2462	16.040	2454.120	2470.160	≥0.5	PASS
	Ant0	2467	15.400	2459.480	2474.880	≥0.5	PASS
	Ant1	2467	15.680	2459.240	2474.920	≥0.5	PASS
	Ant0	2472	15.120	2464.760	2479.880	≥0.5	PASS
	Ant1	2472	15.280	2464.520	2479.800	≥0.5	PASS
11N20MIMO	Ant0	2412	13.760	2405.800	2419.560	≥0.5	PASS
	Ant1	2412	14.400	2405.160	2419.560	≥0.5	PASS
	Ant0	2437	17.520	2428.280	2445.800	≥0.5	PASS
	Ant1	2437	17.560	2428.240	2445.800	≥0.5	PASS
	Ant0	2462	16.000	2454.160	2470.160	≥0.5	PASS
	Ant1	2462	15.680	2453.880	2469.560	≥0.5	PASS
	Ant0	2467	15.680	2459.240	2474.920	≥0.5	PASS
	Ant1	2467	15.040	2460.120	2475.160	≥0.5	PASS
	Ant0	2472	15.680	2464.240	2479.920	≥0.5	PASS
	Ant1	2472	17.160	2463.240	2480.400	≥0.5	PASS
11AX20MIMO	Ant0	2412	17.360	2403.600	2420.960	≥0.5	PASS
	Ant1	2412	16.920	2403.520	2420.440	≥0.5	PASS
	Ant0	2437	16.680	2429.400	2446.080	≥0.5	PASS
	Ant1	2437	18.360	2427.640	2446.000	≥0.5	PASS
	Ant0	2462	17.560	2452.960	2470.520	≥0.5	PASS
	Ant1	2462	18.760	2452.680	2471.440	≥0.5	PASS
	Ant0	2467	18.040	2458.120	2476.160	≥0.5	PASS
	Ant1	2467	16.280	2458.760	2475.040	≥0.5	PASS
	Ant0	2472	18.000	2462.840	2480.840	≥0.5	PASS
	Ant1	2472	14.760	2466.360	2481.120	≥0.5	PASS

## 11.1.2. Test Graphs-SU mode

