TEST REPORT

Applicant Name: Shenzhen Harvilon Technology Co.,Ltd

Address: 2nd Floor, Building 2, No. 137 Bulan Road, Saitu Technology Park, Longgang district, Shenzhen, China

Report Number: 2501P42038E-RF-00B

FCC ID: ZZJ-MF511

Test Standard (s)

FCC PART 15.407

Sample Description

Product Type: 5G Portable Wi-Fi

Model No.:   MF511

Multiple Model(s) No.:   MF510, JTN5G

Trade Mark: Harvilon

Date Received: 2025-03-24

Issue Date: 2025-06-25

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Jim Cheng

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Jim Cheng

RF Engineer

Approved By:

Nancy Wang

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Nancy Wang

RF Supervisor

Bay Area Compliance Laboratories Corp. (Shenzhen)

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501P42038E-RF-00B	Original Report	2025-06-25

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	5G Portable Wi-Fi
Tested Model	MF511
Multiple Model(s)	MF510, JTN5G
Frequency Range	5150-5250MHz; 5725-5850MHz
Mode	802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80
Maximum Conducted Average Output Power	5150-5250MHz: 13.62dBm; 5725-5850MHz: 9.31dBm
Modulation Technique	OFDM, OFDMA
Antenna Specification[#]	5150-5250MHz: ANT 0: 1.87dBi; ANT 1: 1.94dBi 5725-5850MHz: ANT 0: 2.02dBi; ANT 1: 1.35dBi (provided by the applicant)
Voltage Range	DC 3.85V from battery or DC 5V from Type-C Port
Sample serial number	306X-2 for Conducted and Radiated Emissions Test 306X-1 for RF Conducted Test (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	N/A

Note: The Multiple models are electrically identical with the test model except for model name and shell, The difference between MF510 and JTN5G is the model name and sales channel. Please refer to the declaration letter[#] for more detail, which was provided by manufacturer.
Only the worst case (Model MF511) was recorded in the report.

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

And KDB789033 D02 General U-NII Test Procedures New Rules v02r01.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

Measurement Uncertainty

Parameter			Uncertainty
Occupied Channel Bandwidth			109.2kHz(k=2, 95% level of confidence)
RF Frequency			56.6Hz(k=2, 95% level of confidence)
RF output power, conducted			0.86dB(k=2, 95% level of confidence)
Unwanted Emission, conducted			1.60dB(k=2, 95% level of confidence)
Power Spectral Density			0.90dB(k=2, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz-150kHz		3.63dB(k=2, 95% level of confidence)
	150kHz-30MHz		3.66dB(k=2, 95% level of confidence)
Radiated Emissions	9kHz - 30MHz		3.60dB(k=2, 95% level of confidence)
	30MHz~200MHz (Horizontal)		5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)		5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)		5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Vertical)		5.73dB(k=2, 95% level of confidence)
	1GHz - 6GHz		5.34dB(k=2, 95% level of confidence)
	6GHz - 18GHz		5.40dB(k=2, 95% level of confidence)
	18GHz - 40GHz		5.64dB(k=2, 95% level of confidence)
Temperature			±1°C
Humidity			±1%
Supply voltages			±0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

SYSTEM TEST CONFIGURATION

Description of Test Configuration
The system was configured for testing in an engineering mode, which was provided by manufacturer.

For 5150-5250MHz Band, 7 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For 802.11a/ac20/ax20 mode: channel 36, 40, 48 were tested;
For 802.11ac40/ax40 mode: channel 38, 46 were tested;
For 802.11ac80/ax80 mode, channel 42 was tested.

For 5725-5850MHz Band, 8 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785
151	5755	159	5795
153	5765	161	5805
155	5775	165	5825

For 802.11a/ac20/ax20 mode: channel 149, 157, 165 were tested;
For 802.11ac40/ax40 mode: channel 151, 159 were tested;
For 802.11ac80/ax80 mode, channel 155 was tested.

EUT Exercise Software

Exercise Software#	Engineering mode			

5150-5250 MHz Band

Mode	Test Channels	Data rate	Power Level#	
			ANT0	ANT1
802.11a	Low	6Mbps	18	18
	Middle	6Mbps	18	18
	High	6Mbps	18	18
802.11ac-VHT20	Low	MCS0	17	17
	Middle	MCS0	17	17
	High	MCS0	17	17
802.11ac-VHT40	Low	MCS0	17	17
	High	MCS0	17	17
802.11ac-VHT80	Middle	MCS0	18	17.5
802.11ax-HE20	Low	MCS0	17	17
	Middle	MCS0	17	17
	High	MCS0	17	17
802.11ax-HE40	Low	MCS0	17	17
	High	MCS0	17	17
802.11ax-HE80	Middle	MCS0	18	18

5725-5850 MHz Band

Mode	Test Channels	Data rate	Power Level#	
			ANT0	ANT1
802.11a	Low	6Mbps	17	18.5
	Middle	6Mbps	17	18.5
	High	6Mbps	17	18.5
802.11ac-VHT20	Low	MCS0	15.5	16.5
	Middle	MCS0	15.5	16.5
	High	MCS0	15.5	16.5
802.11ac-VHT40	Low	MCS0	16	17.5
	High	MCS0	16	17.5
802.11ac-VHT80	Middle	MCS0	16.5	18.5
802.11ax-HE20	Low	MCS0	15.5	16.5
	Middle	MCS0	15.5	16.5
	High	MCS0	15.5	16.5
802.11ax-HE40	Low	MCS0	16	17.5
	High	MCS0	16	17.5
802.11ax-HE80	Middle	MCS0	16.5	18.5

Note:
1. The worst-case data rates are determined to be as follows for each mode based upon inverstigation by measuring the average power and PSD across all data rates bandwidths, and modulations.
2. The device supports SISO and MIMO 2T2R in all modes, per pretest, 2T2R mode was the worst mode and reported.
3. The n20/n40 mode was reduced test as identical parameter with ac20/ac40 mode.
4. For 802.11 ax modes, the device not support partial RU mode.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Unknown	Receptacle	Unknown	Unknown
Infinix	Adapter	U100XSA	Unknown

External I/O Cable

Cable Description	Length (m)	From Port	To
Un-shielding Detachable USB Cable	0.8	EUT	Adapter
Un-Shielded Un-detachable AC Cable	1.2	Receptacle	LISN/AC Mains

Block Diagram of Test Setup

For Radiated Emissions below 1GHz:

AC Mains

Adapter

Receptacle

10cm

EUT

1.0 Meter

Non-Conductive Table
80 cm above Ground Plane

1.5 Meters
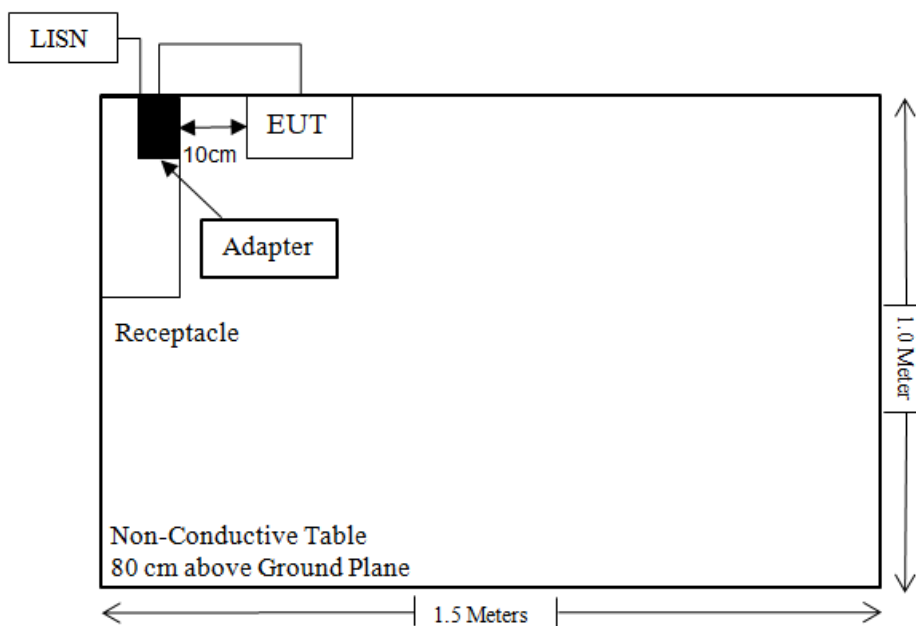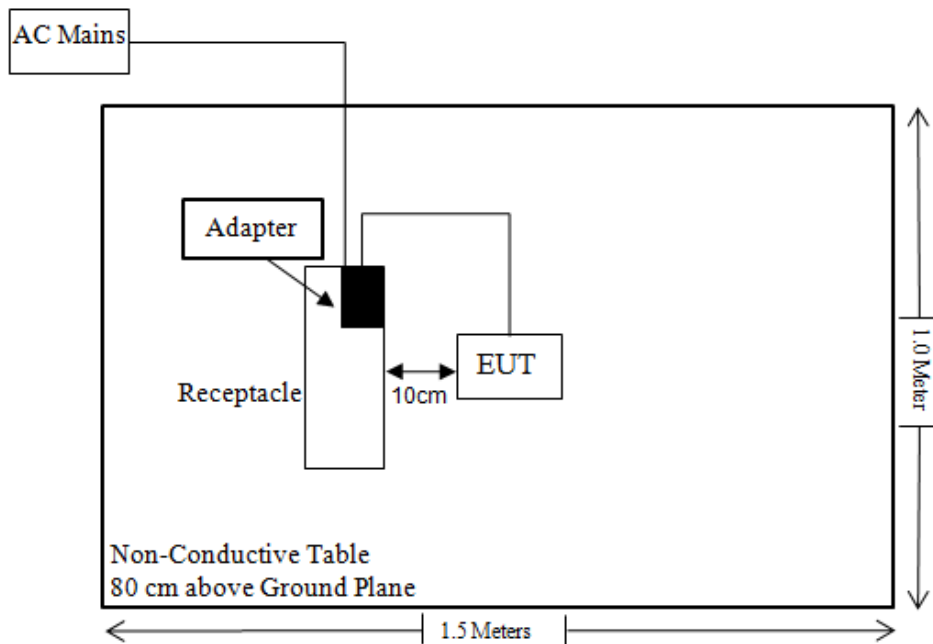
For Radiated Emissions above 1GHz:

EUT

Non-Conductive Table
150 cm above Ground Plane

1.0 Meter

Non-Conductive Table
80 cm above Ground Plane

1.5 Meters
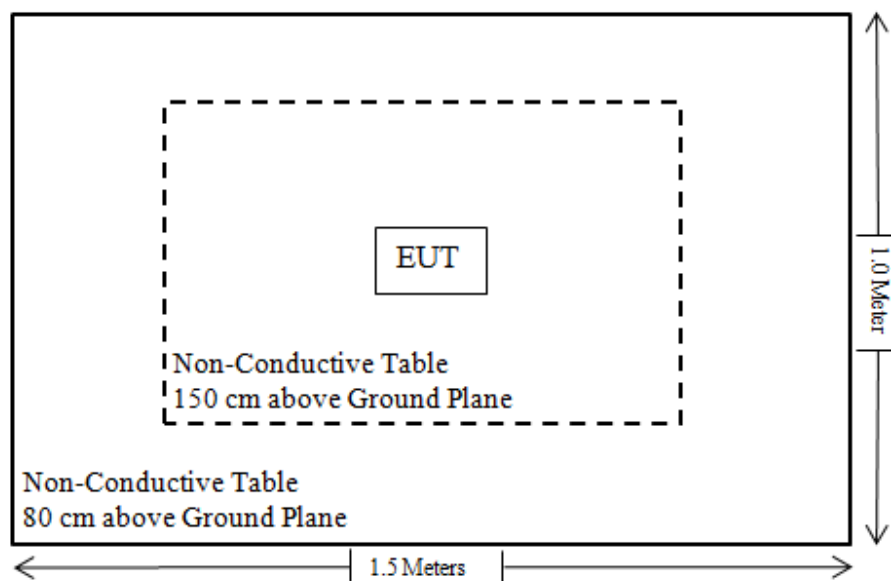
SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307 & §2.1093	RF Exposure	Compliant
§15.203	Antenna Requirement	Compliant
§15.207(a)	AC Line Conducted Emissions	Compliant
§ 15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliant
§15.407(a)(e)	26 dB Emission Bandwidth & 6dB Bandwidth	Compliant
§15.407 (a)	Conducted Transmitter Output Power	Compliant
§15.407 (a)	Power Spectral Density	Compliant
§15.407 (h)	Transmit Power Control (TPC)	Not Applicable
§15.407 (h)	Dynamic Frequency Selection (DFS)	Not Applicable
C63.10 §11.6	Duty Cycle	/

Not Applicable: The EUT is support 5150-5250MHz/5725-5850MHz only.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/12/04	2025/12/03
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2025/04/29	2026/04/28
Rohde & Schwarz	LISN	ENV216	101613	2024/12/04	2025/12/03
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2025/04/29	2026/04/28
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiated Emission Test_ Below 1GHz					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
Sonoma instrument	Pre-amplifier	310N	186238	2025/04/29	2026/04/28
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber Cable 1	F-03-EM236	2025/04/29	2026/04/28
Unknown	Cable	XH500C	J-10M-A	2025/04/29	2026/04/28
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Cable	2Y194	0735	2024/12/04	2025/12/03
Unknown	Cable	PNG214	1354	2024/12/04	2025/12/03
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
Radiated Emission Test_ Above 1GHz					
Rohde&Schwarz	Spectrum Analyzer	FSV40	101605	2025/03/26	2026/03/25
A.H.System	Preamplifier	PAM-0118P	489	2024/11/15	2025/11/14
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2023/07/26	2026/07/25
Unknown	RF Cable	KMSE	0735	2024/12/06	2025/12/05
Unknown	RF Cable	UFA147	219661	2024/12/06	2025/12/05
Unknown	RF Cable	XH750A-N	J-10M	2024/12/06	2025/12/05
JD	Filter Switch Unit	DT7220FSU	DS79906	2024/09/09	2025/09/08
JD	Multiplex Switch Test Control Set	DT7220SCU	DS79903	2024/09/09	2025/09/08
A.H.System	Pre-amplifier	PAM-1840VH	190	2024/06/18	2025/06/17
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
UTIFLEX	RF Cable	NO. 13	232308-001	2024/12/18	2025/12/17
Audix	EMI Test software	E3	191218(V9)	NCR	NCR

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
ANRITSU	Microwave peak power sensor	MA24418A	12622	2024/05/21	2025/05/20
Rohde&Schwarz	Spectrum Analyzer	FSV40-N	102259	2024/12/04	2025/12/03
Unknown	10dB Attenuator	Unknown	F-03-EM014	2024/06/27	2025/06/26

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).
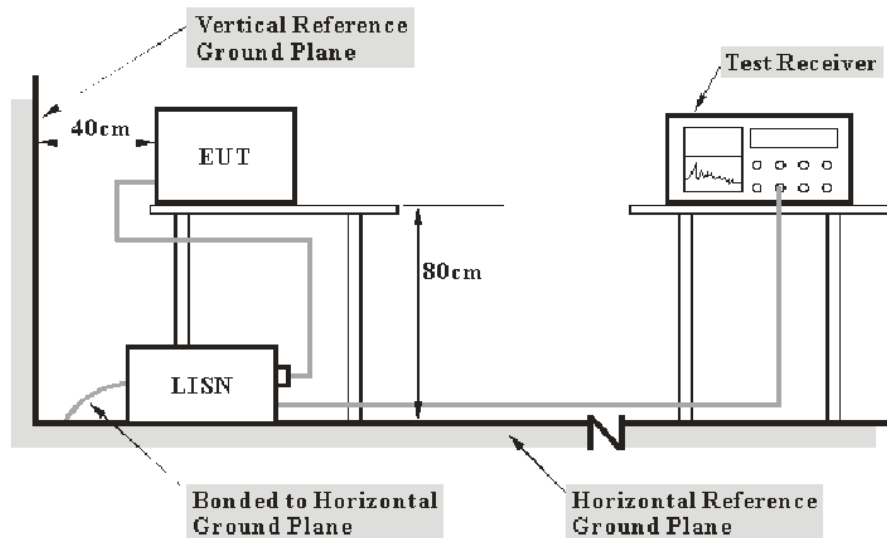
REQUIREMENTS AND TEST PROCEDURES

Conducted Emissions

Applicable Standard

FCC §15.207

EUT Setup

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and Average detection mode.

Factor & Over Limit Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

Factor = LISN VDF + Cable Loss

The "**Over limit**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

Over Limit = Level – Limit
Level = Read Level + Factor

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Undesirable Emission

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

9 kHz-30MHz:
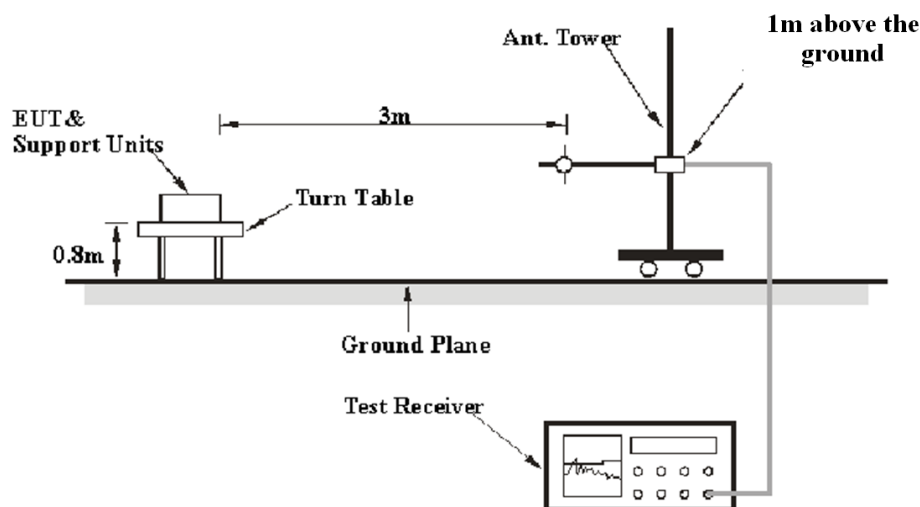
30MHz-1GHz:
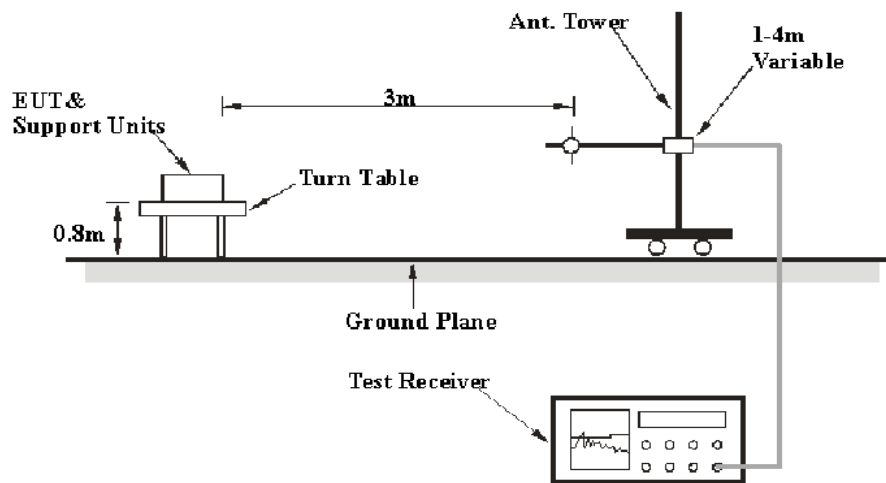
Above 1 GHz:
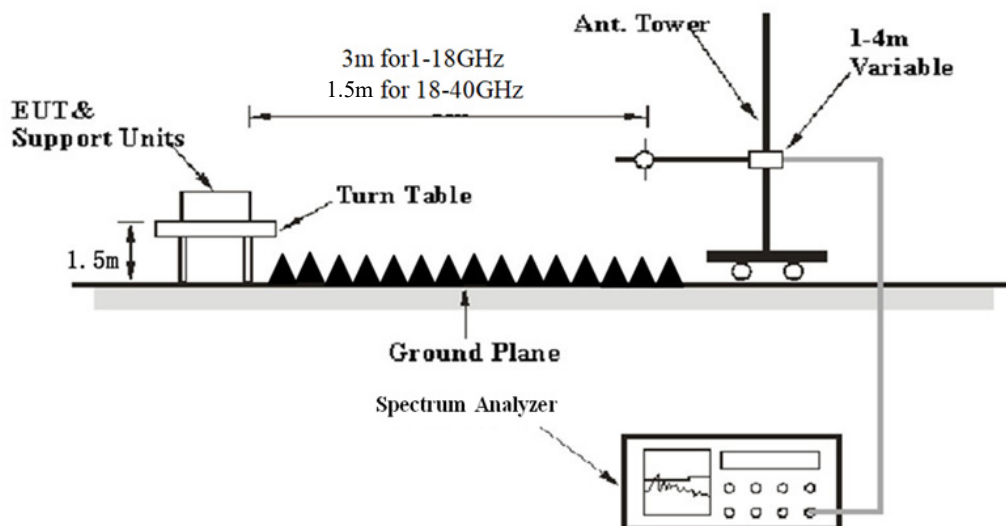
The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC 15.209 and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9 kHz-1GHz:

Frequency Range	RBW	Video B/W	IF B/W	Measurement	Detector
9 kHz – 150 kHz	/	/	200 Hz	QP	QP
	300 Hz	1 kHz	/	PK	Peak
150 kHz – 30 MHz	/	/	9 kHz	QP	QP
	10 kHz	30 kHz	/	PK	Peak
30 MHz – 1000 MHz	/	/	120 kHz	QP	QP
	100 kHz	300 kHz	/	PK	Peak

1-40GHz:

Pre-scan

Measurement	Duty cycle	RBW	Video B/W	Detector
PK	Any	1MHz	3 MHz	Peak
AV	>98%	1MHz	1 kHz	Peak
	<98%	1MHz	≥1/Ton	Peak

Final measurement for emission identified during pre-scan

Measurement	Duty cycle	RBW	Video B/W	Detector
PK	Any	1MHz	3 MHz	Peak
AV	>98%	1MHz	100 Hz	Peak
	<98%	1MHz	≥1/Ton	Peak

Note: Ton is minimum transmission duration

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Test Procedure

Radiated Spurious Emission

During the radiated emission test, the adapter was connected to the AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all the installation combinations.

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz, peak and average detection modes for frequencies above 1 GHz.

For 9 kHz-30MHz, the report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground-parallel) unless the margin is greater than 20 dB.

According to ANSI C63.10-2020,9.2.1: For field strength measurements made at other than the distance specified by the limit, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance)

$$E_{\text{SpecLimit}} = E_{\text{Meas}} + 20\log\left(\frac{d_{\text{Meas}}}{d_{\text{SpecLimit}}}\right)$$

where

$E_{\text{SpecLimit}}$ is the field strength of the emission at the distance specified by the limit, in dBμV/m

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

$d_{\text{SpecLimit}}$ is the distance specified by the limit, in m

So the extrapolation factor of 1m is 20*log(1.5/3)= -6.0 dB, for 18-40GHz range, the limit of 1.5m distance was added by 6.0dB from limit of 3m to compared with the result measurement at 1.5m distance.

Factor & Over Limit/Margin Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

> Factor = Antenna Factor + Cable Loss - Amplifier Gain

The "**Over Limit/Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

> Over Limit = Level – Limit; Margin = Limit–Corrected Amplitude
> Level / Corrected Amplitude = Read Level + Factor

26 dB & 6dB Emission Bandwidth

Applicable Standard

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

According to ANSI C63.10-2020 Section 12.5.1 & 12.5.2 & 12.5.3

12.5.1 Emission bandwidth for the band 5.725 GHz to 5.85 GHz

The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max-hold.
e) Sweep = No faster than coupled (auto) time.
f) Allow the trace to stabilize.
g) 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.

12.5.2 Emission bandwidth for all other bands

The procedure for this method is as follows:
a) Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = peak.
d) Trace mode = max-hold.
e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

12.5.3 Occupied bandwidth

See 6.9.3 for the measurement procedure for OBW.

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2.

d) Step a) through step c) might require iteration to adjust within the specified range.

e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.

f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).
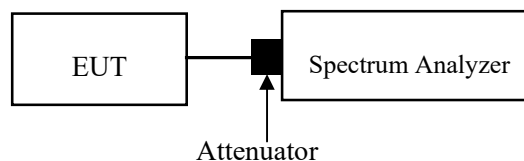
Conducted Transmitter Output Power

Applicable Standard

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

According to ANSI C63.10-2020 Section 12.4.3.2 Method PM-G

a. Place the EUT on a bench and set it in transmitting mode.
b. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
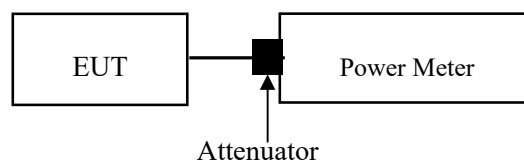
Attenuator

Note: A short RF cable with low cable loss connected to the EUT antenna port,which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss

Power Spectral Density

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

According to ANSI C63.10-2020 Clause 12.6 Method SA-2 should be applied
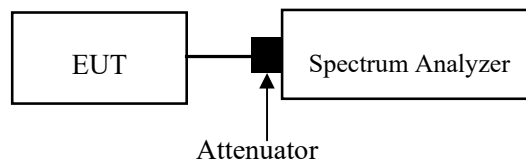
Note: A short RF cable with low cable loss connected to the EUT antenna port,which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss

Duty Cycle

Test Procedure

According to ANSI C63.10-2020 Section 12.2

Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.

b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

1) Set the center frequency of the instrument to the center frequency of the transmission.
2) Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ RBW. Set detector = peak or average.
4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T ≤ 16.7 μs.)

EUT —— ■ Spectrum Analyzer

Attenuator
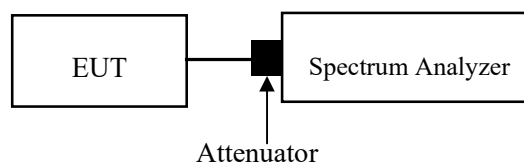
ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 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.

Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Antenna Connector Construction

The EUT has two internal antennas which were permanently attached, fulfill the requirement of this section. Please refer to the EUT photos.

ANT	Type	Antenna Gain[#]	Impedance	Frequency Range
ANT0	FPC	1.87dBi	50Ω	5150-5250MHz
ANT1	FPC	1.94dBi	50Ω	5150-5250MHz
ANT0	FPC	2.02dBi	50Ω	5725-5850MHz
ANT1	FPC	1.35dBi	50Ω	5725-5850MHz

Result: Compliant

TEST DATA AND RESULTS

Conducted Emissions

Temperature (℃)	24.8	**Relative Humidity (%)**	44
ATM Pressure (kPa)	100.5	**Test engineer**	Macy.shi
Test date	2025/04/29		
EUT operation mode	Transmitting(Maximum output power mode, 802.11a Mode 5200MHz)		

AC 120V 60 Hz, Line
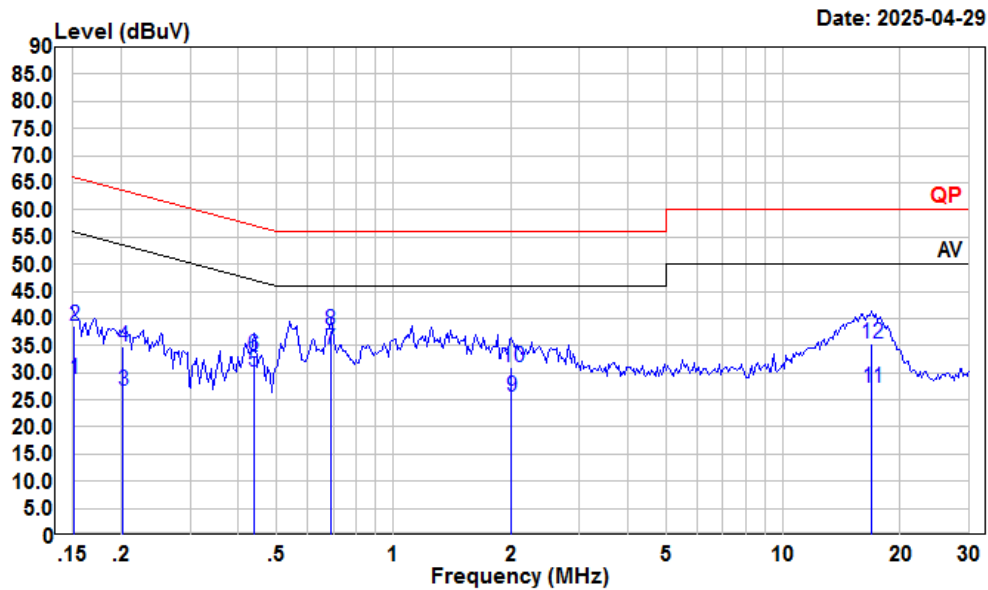
Condition: Line
Project : 2501P42038E-RF
tester   : Macy.shi   Note:5G WIFI Transmitting
Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.152	8.40	28.94	10.41	10.13	55.91	-26.97	Average
2	0.152	18.05	38.59	10.41	10.13	65.91	-27.32	QP
3	0.202	5.76	26.55	10.70	10.09	53.54	-26.99	Average
4	0.202	14.03	34.82	10.70	10.09	63.54	-28.72	QP
5	0.437	9.55	30.19	10.53	10.11	47.11	-16.92	Average
6	0.437	12.52	33.16	10.53	10.11	57.11	-23.95	QP
7	0.690	13.33	34.36	10.88	10.15	46.00	-11.64	Average
8	0.690	16.72	37.75	10.88	10.15	56.00	-18.25	QP
9	2.012	4.31	25.60	11.10	10.19	46.00	-20.40	Average
10	2.012	9.73	31.02	11.10	10.19	56.00	-24.98	QP
11	16.928	6.36	27.15	10.59	10.20	50.00	-22.85	Average
12	16.928	14.53	35.32	10.59	10.20	60.00	-24.68	QP

AC 120V 60 Hz, Neutral

Date: 2025-04-29
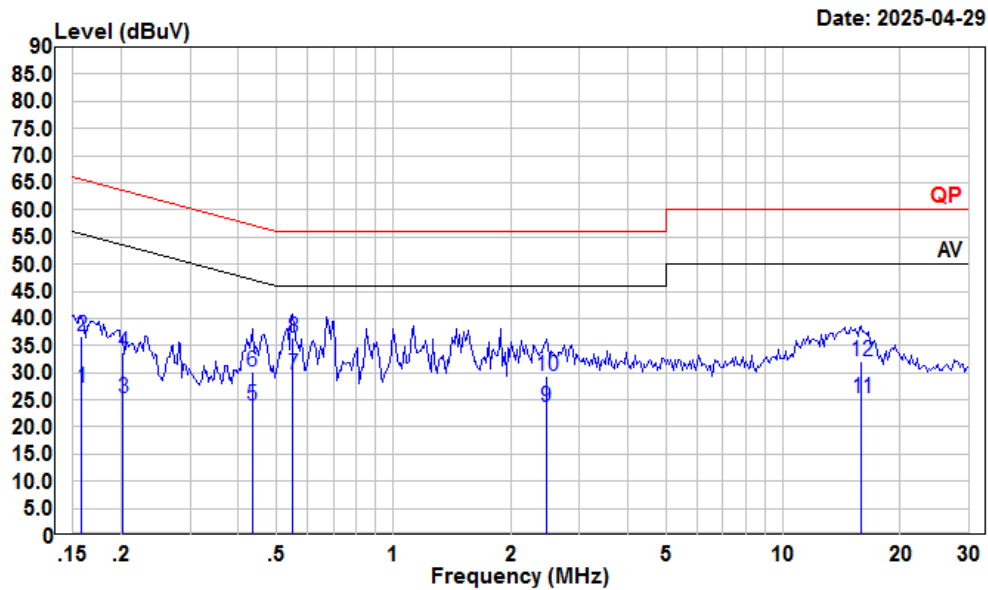
Condition: Neutral
Project : 2501P42038E-RF
tester   : Macy.shi   Note:5G WIFI Transmitting
Setting : RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.158	6.58	27.17	10.47	10.12	55.56	-28.39	Average
2	0.158	16.05	36.64	10.47	10.12	65.56	-28.92	QP
3	0.202	4.41	25.30	10.80	10.09	53.54	-28.24	Average
4	0.202	12.77	33.66	10.80	10.09	63.54	-29.88	QP
5	0.433	3.21	23.87	10.55	10.11	47.20	-23.33	Average
6	0.433	9.50	30.16	10.55	10.11	57.20	-27.04	QP
7	0.552	9.05	29.71	10.53	10.13	46.00	-16.29	Average
8	0.552	15.79	36.45	10.53	10.13	56.00	-19.55	QP
9	2.461	2.82	23.78	10.79	10.17	46.00	-22.22	Average
10	2.461	8.46	29.42	10.79	10.17	56.00	-26.58	QP
11	15.885	4.60	25.27	10.46	10.21	50.00	-24.73	Average
12	15.885	11.29	31.96	10.46	10.21	60.00	-28.04	QP

Undesirable Emission

Temperature (°C)	24.3-25.5	Relative Humidity (%)	35-55
ATM Pressure (kPa):	100.2-101.2	Test engineer:	Alex Yan & Visen Wu
Test date:	Below 1GHz: 2025/05/14 Above 1GHz: 2025/06/03-2025/06/04		
EUT operation mode:	Below 1GHz: Transmitting(Maximum output power mode, 802.11a Mode 5200MHz)) Above 1GHz: Transmitting		
Note:	1. For the radiated spurious emission below 30MHz, only the worst case (parallel) was recorded. 2. When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded. 3. After pre-scan in the X, Y and Z axes of orientation, the worst case z-axis of orientation were recorded.		

Below 1GHz:

9kHz-150kHz
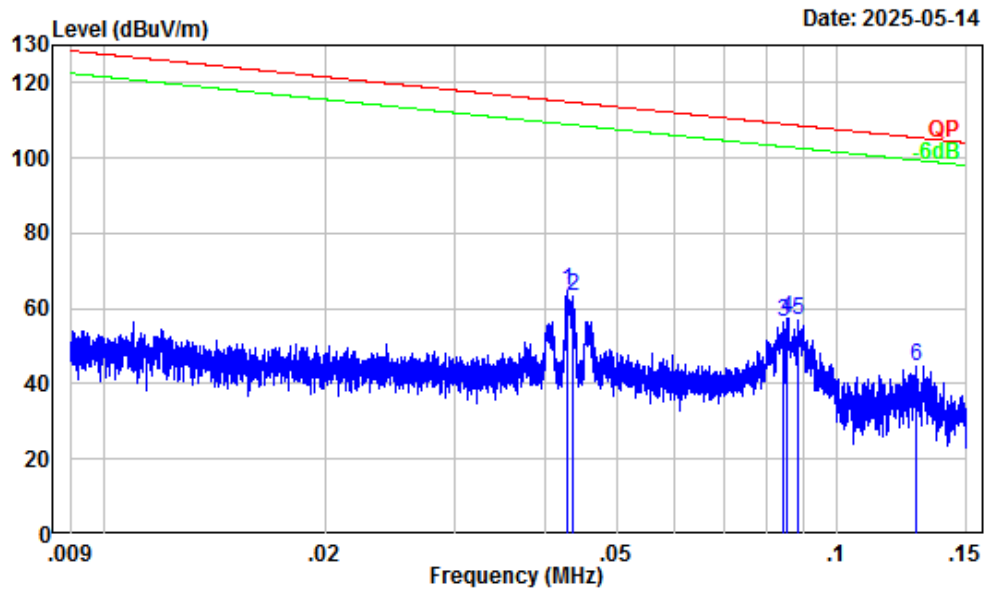

```
Site              : Chamber A
Condition         : 3m
Project Number    : 2501P42038E-RF
Test Mode         : 5G Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester            : Alex Yan
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.043	27.15	37.53	64.68	114.96	-50.28	Peak
2	0.044	27.07	36.15	63.22	114.82	-51.60	Peak
3	0.084	23.09	33.48	56.57	109.07	-52.50	Peak
4	0.086	23.01	34.57	57.58	108.95	-51.37	Peak
5	0.088	22.82	34.08	56.90	108.69	-51.79	Peak
6	0.128	20.35	24.35	44.70	105.46	-60.76	Peak

150kHz-30MHz

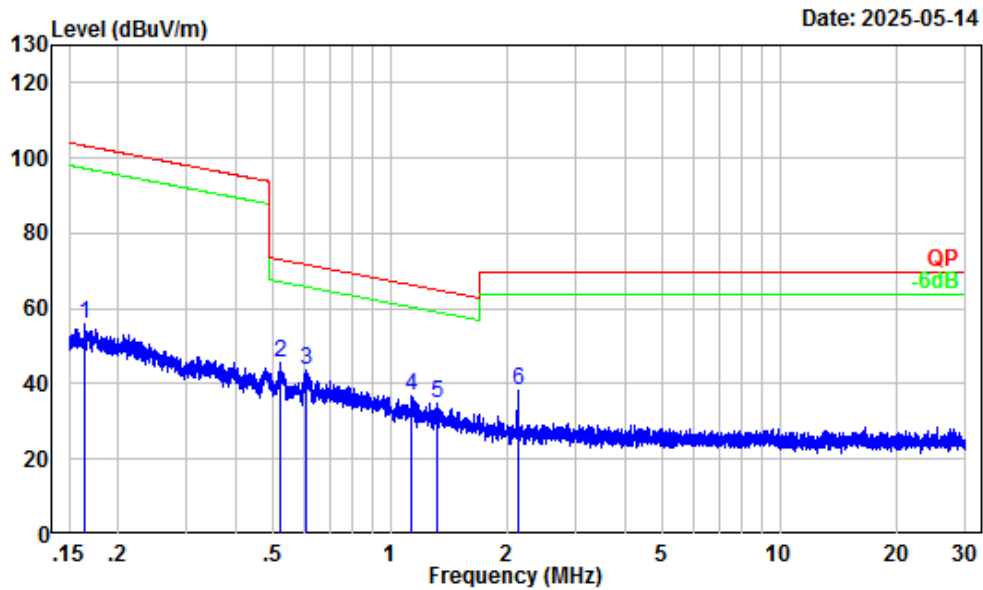Site   : Chamber A
Condition   : 3m
Project Number   : 2501P42038E-RF
Test Mode   : 5G Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester   : Alex Yan

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.164	18.23	37.80	56.03	103.31	-47.28	Peak
2	0.524	6.11	39.68	45.79	73.21	-27.42	Peak
3	0.610	5.04	38.49	43.53	71.86	-28.33	Peak
4	1.138	0.81	35.86	36.67	66.32	-29.65	Peak
5	1.315	0.32	34.41	34.73	65.04	-30.31	Peak
6	2.126	-1.67	39.96	38.29	69.54	-31.25	Peak

30MHz-1GHz_Horizontal

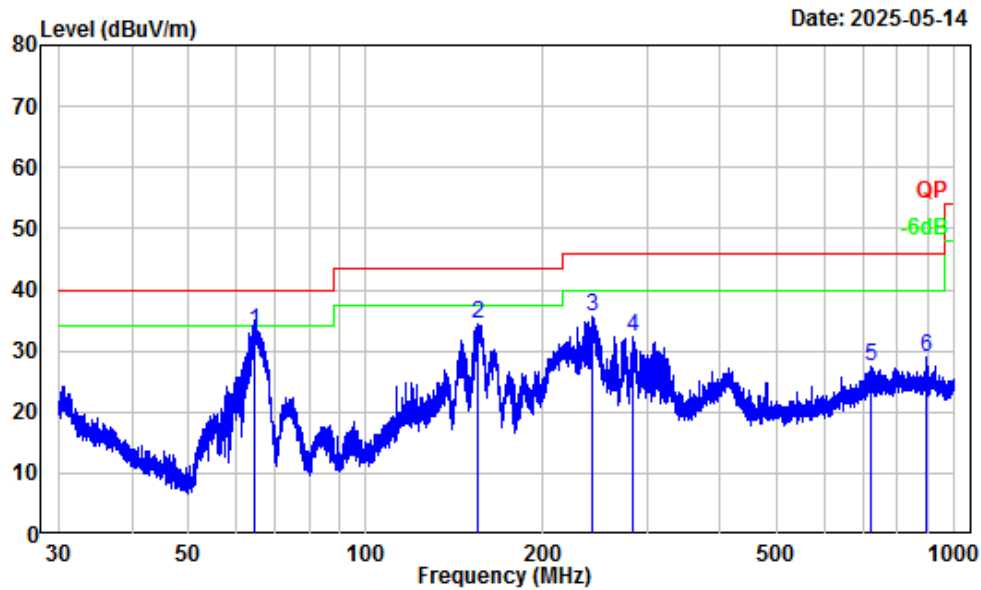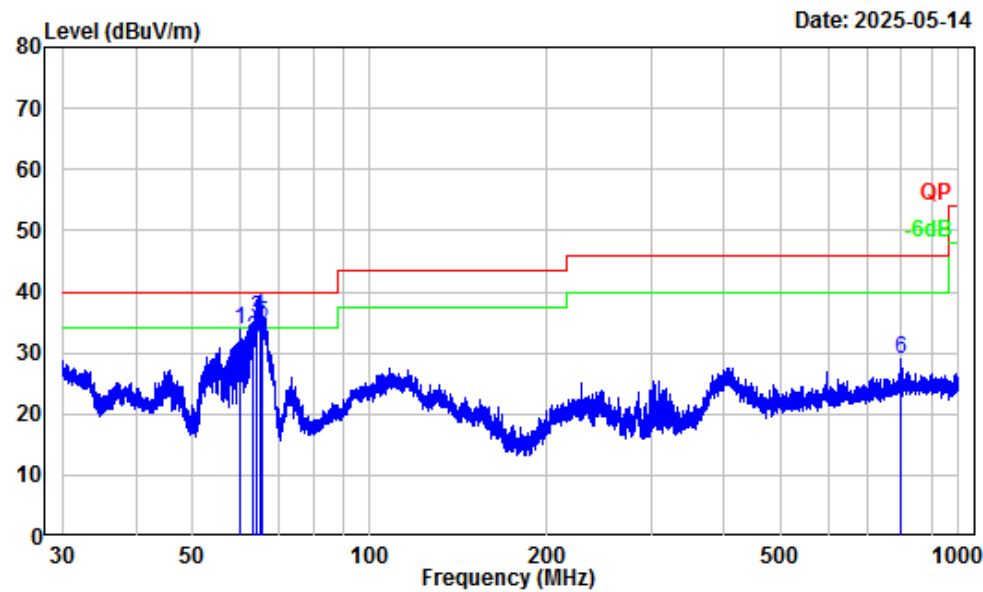Site   : Chamber A
Condition   : 3m Horizontal
Project Number   : 2501P42038E-RF
Test Mode   : 5G Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester   : Alex Yan

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	64.83	-18.00	51.16	33.16	40.00	-6.84	QP
2	154.89	-12.63	47.07	34.44	43.50	-9.06	Peak
3	242.21	-13.27	48.90	35.63	46.00	-10.37	Peak
4	284.73	-11.23	43.58	32.35	46.00	-13.65	Peak
5	718.88	-3.23	30.60	27.37	46.00	-18.63	Peak
6	898.57	-1.31	30.15	28.84	46.00	-17.16	Peak

30MHz-1GHz_Vertical


```
Site                 : Chamber A
Condition            : 3m Vertical
Project Number       : 2501P42038E-RF
Test Mode            : 5G Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester               : Alex Yan
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	59.99	-18.12	51.81	33.69	40.00	-6.31	Peak
2	63.45	-18.06	50.22	32.16	40.00	-7.84	QP
3	64.38	-18.00	53.65	35.65	40.00	-4.35	QP
4	64.89	-18.00	53.90	35.90	40.00	-4.10	QP
5	65.63	-17.93	52.50	34.57	40.00	-5.43	QP
6	799.33	-2.15	31.14	28.99	46.00	-17.01	Peak

Above 1GHz:

5150-5250 MHz

Frequency (MHz)	Reading (dBμV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11a							
5180MHz							
10360	51.81	PK	H	2.53	54.34	68.2	-13.86
10360	51.67	PK	V	2.53	54.2	68.2	-14
5200MHz							
10400	51.18	PK	H	2.55	53.73	68.2	-14.47
10400	51.34	PK	V	2.55	53.89	68.2	-14.31
5240MHz							
10480	51.64	PK	H	2.25	53.89	68.2	-14.31
10480	51.85	PK	V	2.25	54.1	68.2	-14.1
802.11ac20							
5180MHz							
10360	51.56	PK	H	2.53	54.09	68.2	-14.11
10360	51.52	PK	V	2.53	54.05	68.2	-14.15
5200MHz							
10400	51.13	PK	H	2.55	53.68	68.2	-14.52
10400	51.44	PK	V	2.55	53.99	68.2	-14.21
5240MHz							
10480	51.59	PK	H	2.25	53.84	68.2	-14.36
10480	51.4	PK	V	2.25	53.65	68.2	-14.55
802.11ac40							
5190MHz							
10380	51.55	PK	H	2.54	54.09	68.2	-14.11
10380	51.42	PK	V	2.54	53.96	68.2	-14.24
5230MHz							
10460	51.29	PK	H	2.32	53.61	68.2	-14.59
10460	51.58	PK	V	2.32	53.9	68.2	-14.3
802.11ac80							
5210MHz							
10420	51.29	PK	H	2.48	53.77	68.2	-14.43
10420	51.86	PK	V	2.48	54.34	68.2	-13.86

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
802.11ax20							
5180MHz							
10360	51.46	PK	H	2.53	53.99	68.2	-14.21
10360	51.27	PK	V	2.53	53.8	68.2	-14.4
5200MHz							
10400	51.29	PK	H	2.55	53.84	68.2	-14.36
10400	50.93	PK	V	2.55	53.48	68.2	-14.72
5240MHz							
10480	51.1	PK	H	2.25	53.35	68.2	-14.85
10480	51.65	PK	V	2.25	53.9	68.2	-14.3
802.11ax40							
5190MHz							
10380	51.53	PK	H	2.54	54.07	68.2	-14.13
10380	51.34	PK	V	2.54	53.88	68.2	-14.32
5230MHz							
10460	52.27	PK	H	2.32	54.59	68.2	-13.61
10460	51.47	PK	V	2.32	53.79	68.2	-14.41
802.11ax80							
5210MHz							
10420	51.64	PK	H	2.48	54.12	68.2	-14.08
10420	51.36	PK	V	2.48	53.84	68.2	-14.36

5725-5850MHz

Frequency (MHz)	Reading (dBμV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
				802.11a			
				5745MHz			
11490	50.58	PK	H	3.54	54.12	74	-19.88
11490	35.92	AV	H	3.54	39.46	54	-14.54
11490	50.55	PK	V	3.54	54.09	74	-19.91
11490	35.9	AV	V	3.54	39.44	54	-14.56
				5785MHz			
11570	51.42	PK	H	3.3	54.72	74	-19.28
11570	36.75	AV	H	3.3	40.05	54	-13.95
11570	51.24	PK	V	3.3	54.54	74	-19.46
11570	36.78	AV	V	3.3	40.08	54	-13.92
				5825MHz			
11650	51.63	PK	H	3.43	55.06	74	-18.94
11650	37.05	AV	H	3.43	40.48	54	-13.52
11650	51.99	PK	V	3.43	55.42	74	-18.58
11650	37.08	AV	V	3.43	40.51	54	-13.49
				802.11ac20			
				5745MHz			
11490	50.62	PK	H	3.54	54.16	74	-19.84
11490	35.74	AV	H	3.54	39.28	54	-14.72
11490	50.75	PK	V	3.54	54.29	74	-19.71
11490	35.78	AV	V	3.54	39.32	54	-14.68
				5785MHz			
11570	51.59	PK	H	3.3	54.89	74	-19.11
11570	36.83	AV	H	3.3	40.13	54	-13.87
11570	51.52	PK	V	3.3	54.82	74	-19.18
11570	36.86	AV	V	3.3	40.16	54	-13.84
				5825MHz			
11650	51.73	PK	H	3.43	55.16	74	-18.84
11650	37.12	AV	H	3.43	40.55	54	-13.45
11650	52.01	PK	V	3.43	55.44	74	-18.56
11650	37.15	AV	V	3.43	40.58	54	-13.42

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
802.11ac40								
5755MHz								
11510	51.26	PK	H	3.53	54.79	74	-19.21
11510	36.58	AV	H	3.53	40.11	54	-13.89
11510	51.21	PK	V	3.53	54.74	74	-19.26
11510	36.54	AV	V	3.53	40.07	54	-13.93
5795MHz								
11590	51.96	PK	H	3.21	55.17	74	-18.83
11590	37.09	AV	H	3.21	40.3	54	-13.7
11590	51.71	PK	V	3.21	54.92	74	-19.08
11590	37.06	AV	V	3.21	40.27	54	-13.73
802.11ac80								
5775MHz								
11550	50.75	PK	H	3.37	54.12	74	-19.88
11550	36.35	AV	H	3.37	39.72	54	-14.28
11550	51.01	PK	V	3.37	54.38	74	-19.62
11550	36.32	AV	V	3.37	39.69	54	-14.31
802.11ax20								
5745MHz								
11490	50.55	PK	H	3.54	54.09	74	-19.91
11490	35.74	AV	H	3.54	39.28	54	-14.72
11490	50.52	PK	V	3.54	54.06	74	-19.94
11490	35.7	AV	V	3.54	39.24	54	-14.76
5785MHz								
11570	51.43	PK	H	3.3	54.73	74	-19.27
11570	36.81	AV	H	3.3	40.11	54	-13.89
11570	51.3	PK	V	3.3	54.6	74	-19.4
11570	36.84	AV	V	3.3	40.14	54	-13.86
5825MHz								
11650	51.76	PK	H	3.43	55.19	74	-18.81
11650	37.1	AV	H	3.43	40.53	54	-13.47
11650	51.5	PK	V	3.43	54.93	74	-19.07
11650	37.13	AV	V	3.43	40.56	54	-13.44

Frequency (MHz)	Reading (dBμV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ax40							
5755MHz							
11510	51.42	PK	H	3.53	54.95	74	-19.05
11510	36.91	AV	H	3.53	40.44	54	-13.56
11510	50.99	PK	V	3.53	54.52	74	-19.48
11510	36.76	AV	V	3.53	40.29	54	-13.71
5795MHz							
11590	51.69	PK	H	3.21	54.9	74	-19.1
11590	36.98	AV	H	3.21	40.19	54	-13.81
11590	52.21	PK	V	3.21	55.42	74	-18.58
11590	37.02	AV	V	3.21	40.23	54	-13.77
802.11ax80							
5775MHz							
11550	50.56	PK	H	3.37	53.93	74	-20.07
11550	51.45	PK	V	3.37	54.82	74	-19.18
11550	36.31	AV	V	3.37	39.68	54	-14.32

Note:
Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
Corrected Amplitude = Factor + Reading
Margin = Corrected. Amplitude - Limit
The other spurious emission which is in the noise floor level was not recorded.
The test result of peak was less than the limit of average, so just peak values were recorded.
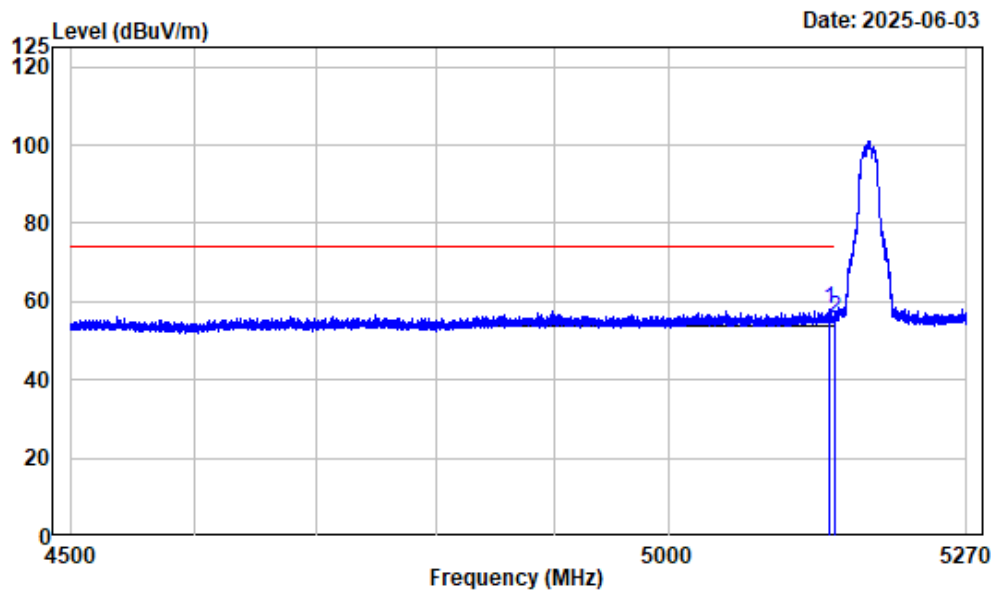
Test plots:

Band Edge

Left Band edge_Horizontal_Peak_802.11a_5180MHz
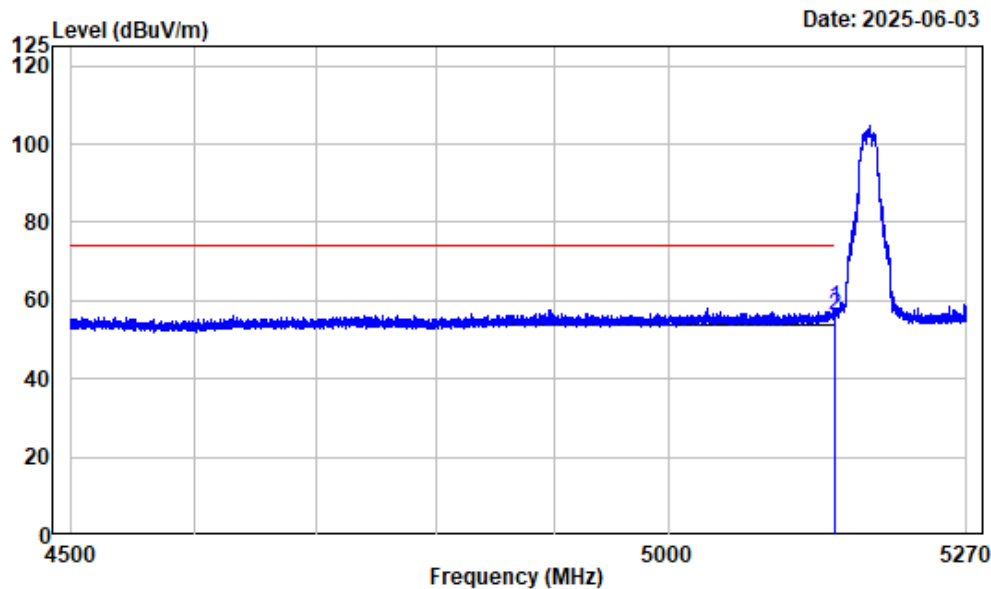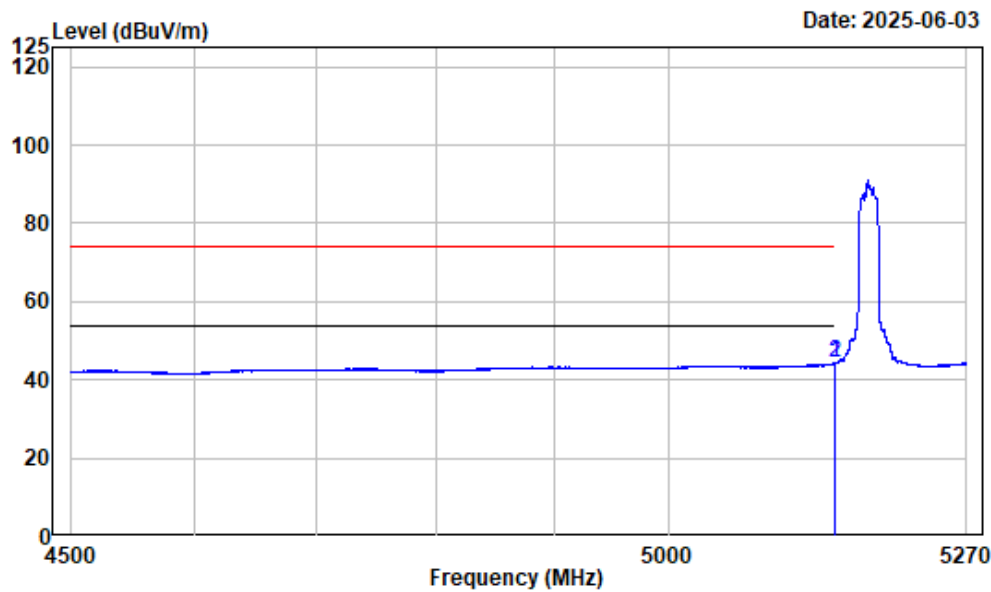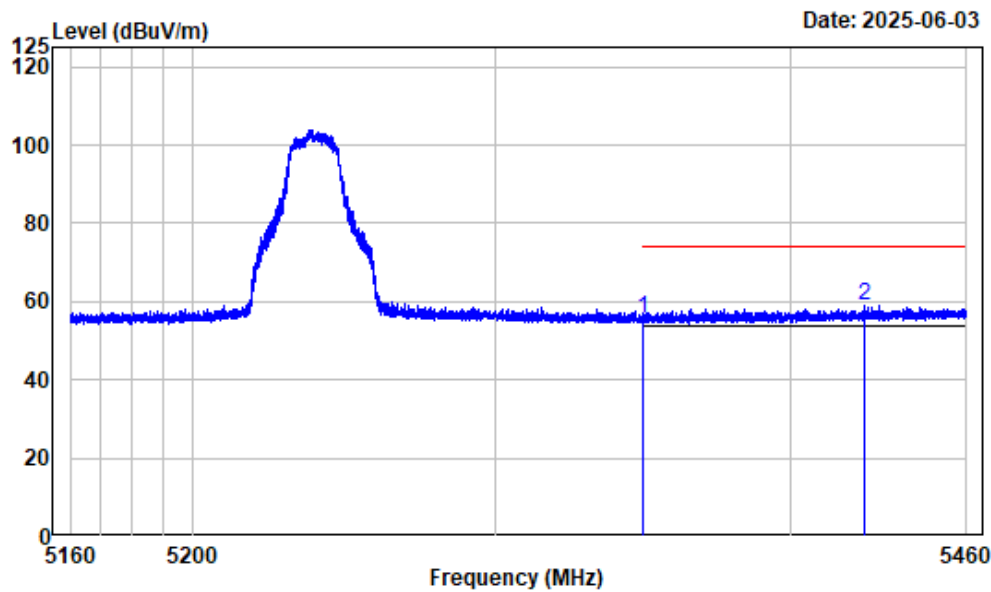


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.710	-7.46	65.35	57.89	74.00	-16.11	Peak
2	5150.000	-7.46	63.74	56.28	74.00	-17.72	Peak

Left Band edge_Horizontal_Average_802.11a_5180MHz
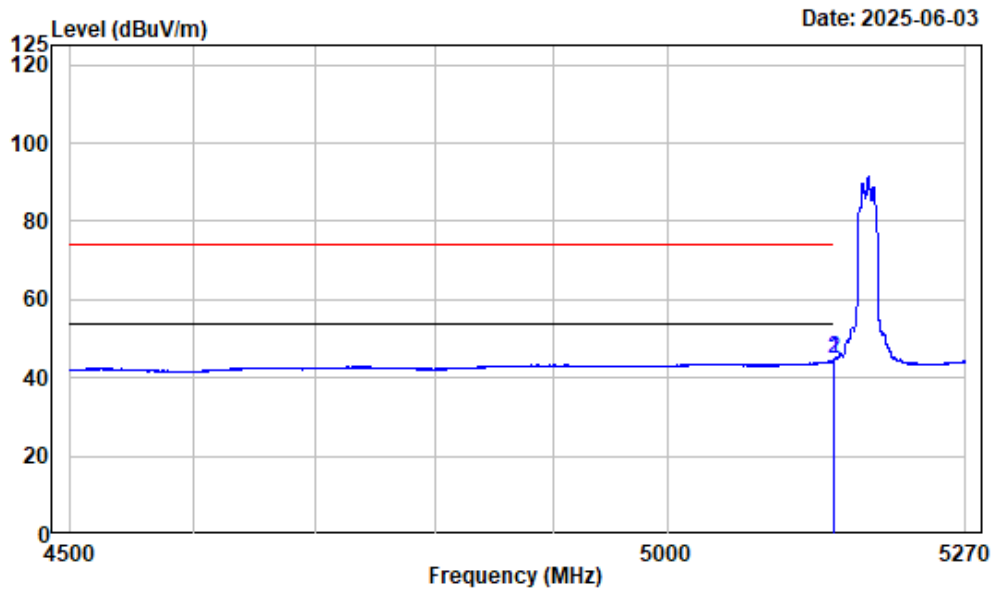

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.865	-7.46	52.41	44.95	54.00	-9.05	Average
2	5150.000	-7.46	52.40	44.94	54.00	-9.06	Average

Left Band edge_Vertical_Peak_802.11a_5180MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_A_ANT0&ANT1_5180

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5144.282	-7.46	65.32	57.86	74.00	-16.14	Peak
2	5150.000	-7.46	63.10	55.64	74.00	-18.36	Peak

Left Band edge_Vertical_Average_802.11a_5180MHz

Condition　　　　　: Vertical
Project No.　　　　: 2501P42038E-RF
Tester　　　　　　: Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note　　　　　　　: 5GWiFi_B1_A_ANT0&ANT1_5180

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.614	-7.46	51.85	44.39	54.00	-9.61	Average
2	5150.000	-7.46	51.79	44.33	54.00	-9.67	Average

Right Band edge_Horizontal_Peak_802.11a_5240MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_A_ANT0&ANT1_5240

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.26	55.52	74.00	-18.48	Peak
2	5424.933	-6.46	65.48	59.02	74.00	-14.98	Peak

Right Band edge_Horizontal_Average_802.11a_5240MHz
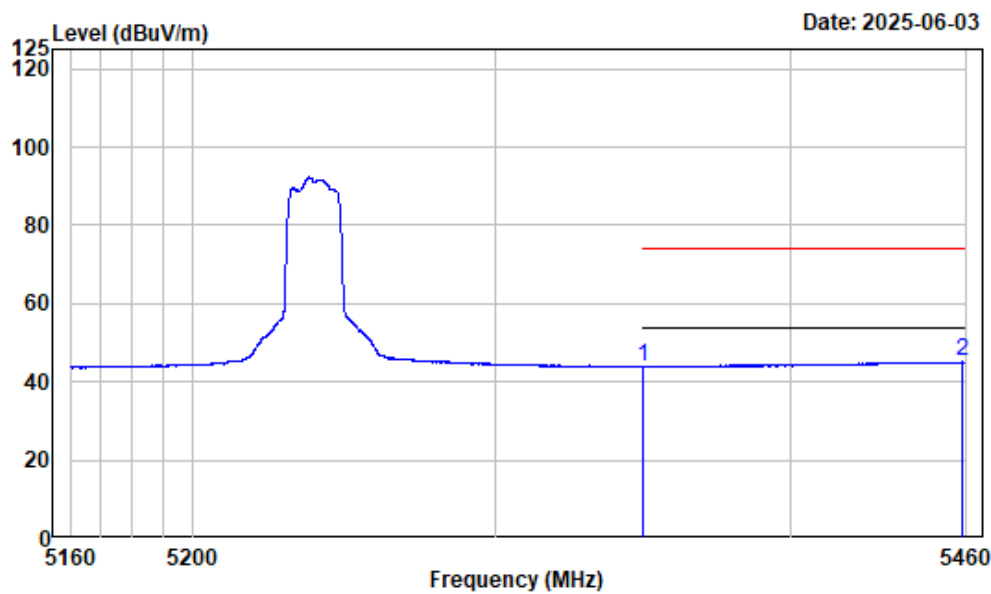

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5240
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.56	43.82	54.00	-10.18	Average
2	5458.837	-6.29	51.35	45.06	54.00	-8.94	Average

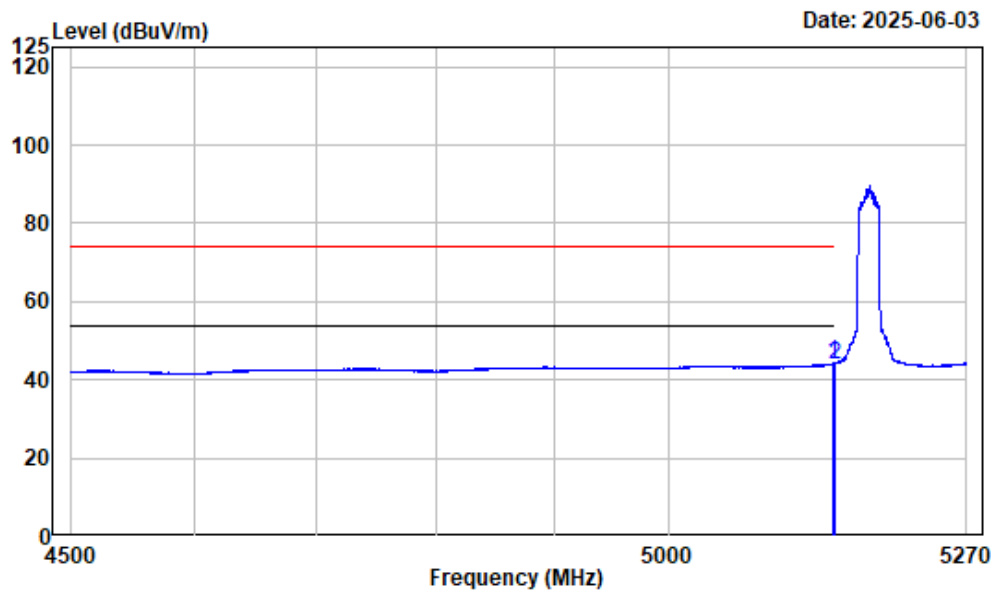Right Band edge_Vertical_Peak_802.11a_5240MHz
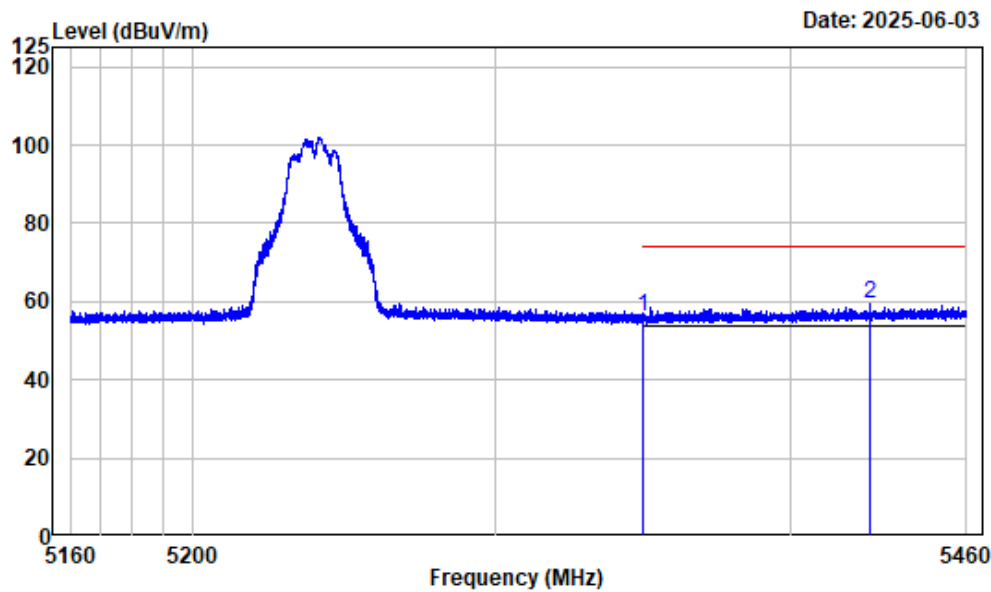
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_A_ANT0&ANT1_5240

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.86	56.12	74.00	-17.88	Peak
2	5426.958	-6.45	65.68	59.23	74.00	-14.77	Peak

Right Band edge_Vertical_Average_802.11a_5240MHz
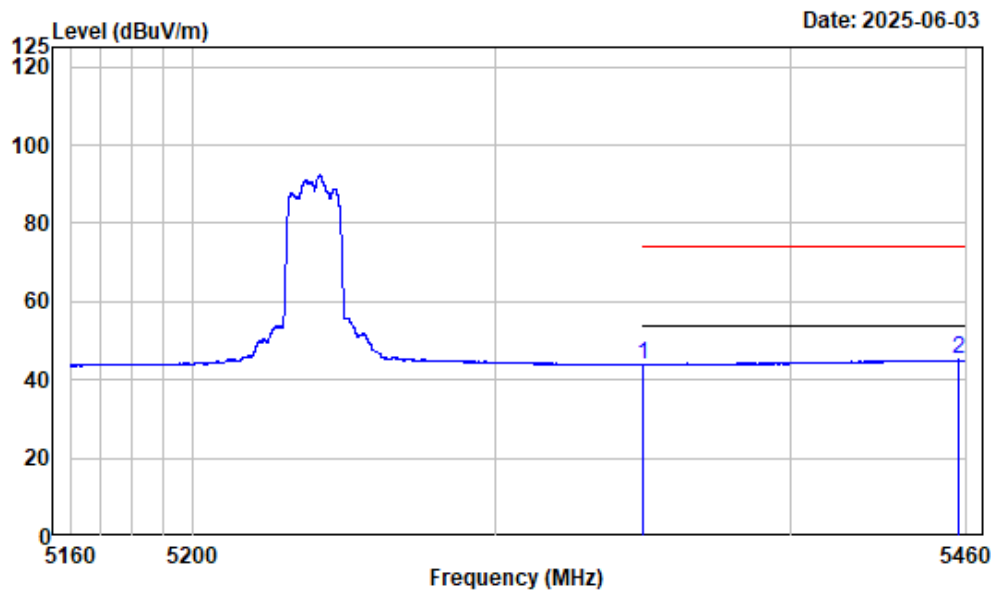

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5240
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.52	43.78	54.00	-10.22	Average
2	5457.187	-6.31	51.41	45.10	54.00	-8.90	Average

Left Band edge_Horizontal_Peak_802.11ac-VHT20_5180MHz
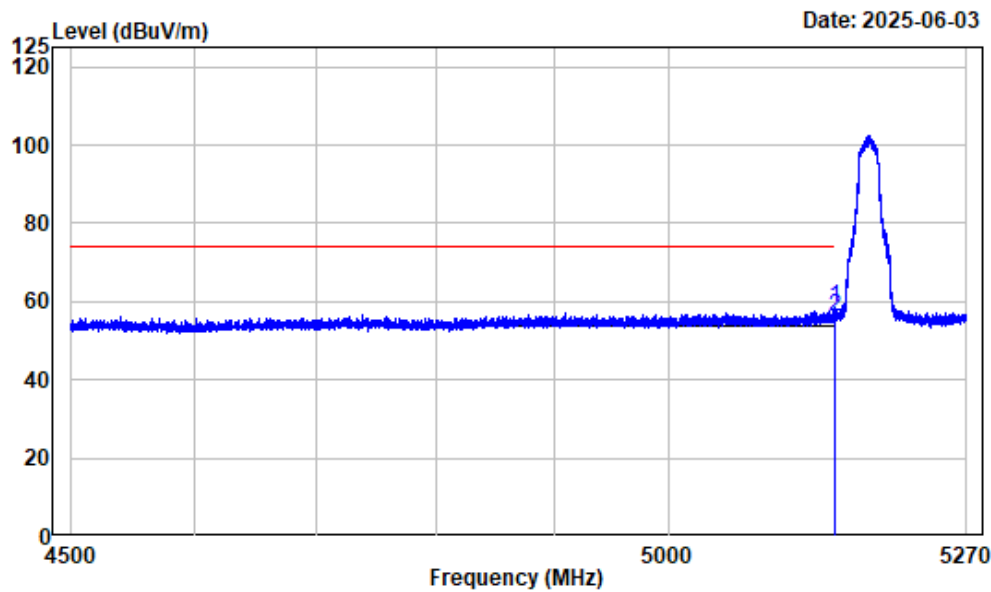
Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5180

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.999	-7.46	65.72	58.26	74.00	-15.74	Peak
2	5150.000	-7.46	63.36	55.90	74.00	-18.10	Peak

Left Band edge_Horizontal_Average_802.11ac-VHT20_5180MHz
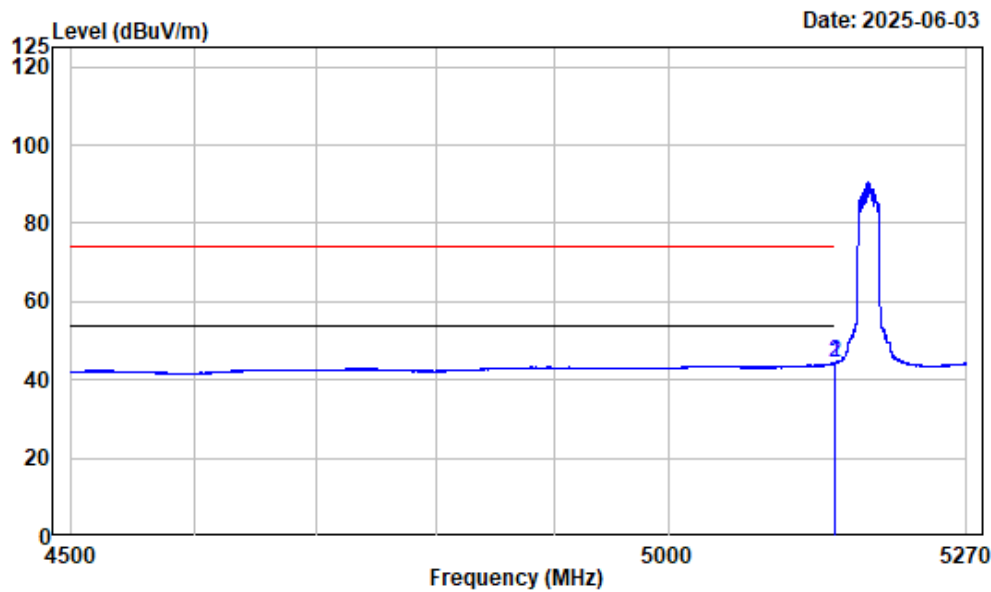

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.710	-7.46	51.80	44.34	54.00	-9.66	Average
2	5150.000	-7.46	51.72	44.26	54.00	-9.74	Average

Left Band edge_Vertical_Peak_802.11ac-VHT20_5180MHz
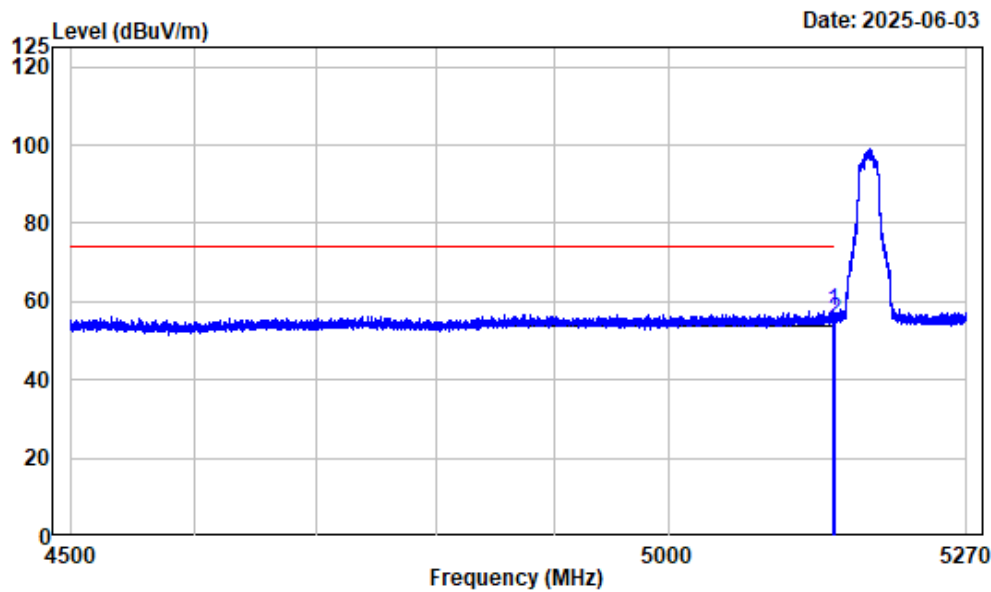
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5147.458	-7.46	65.00	57.54	74.00	-16.46	Peak
2	5150.000	-7.46	62.66	55.20	74.00	-18.80	Peak

Left Band edge_Vertical_Average_802.11ac-VHT20_5180MHz

Date: 2025-06-03

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.325	-7.46	51.62	44.16	54.00	-9.84	Average
2	5150.000	-7.46	51.51	44.05	54.00	-9.95	Average

Right Band edge_Horizontal_Peak_802.11ac-VHT20_5240MHz
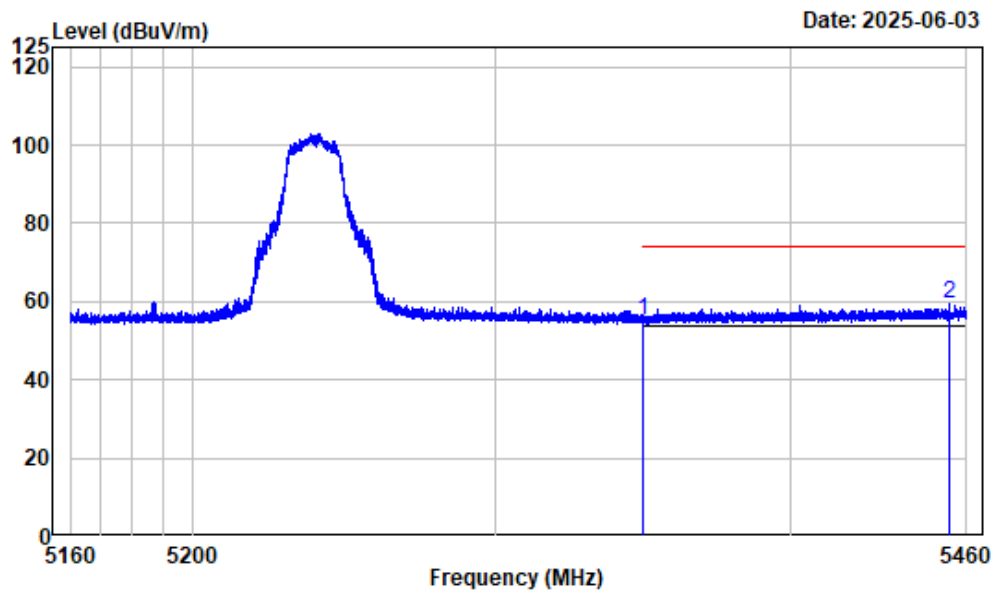
Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5240

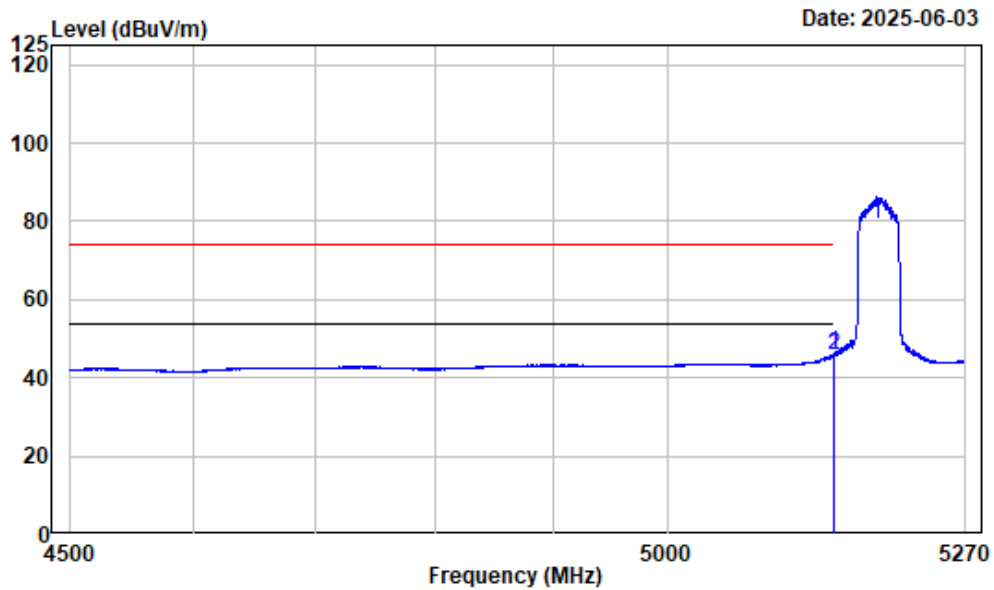|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.99	55.25	74.00	-18.75	Peak
2	5453.924	-6.31	65.79	59.48	74.00	-14.52	Peak

Right Band edge_Horizontal_Average_802.11ac-VHT20_5240MHz
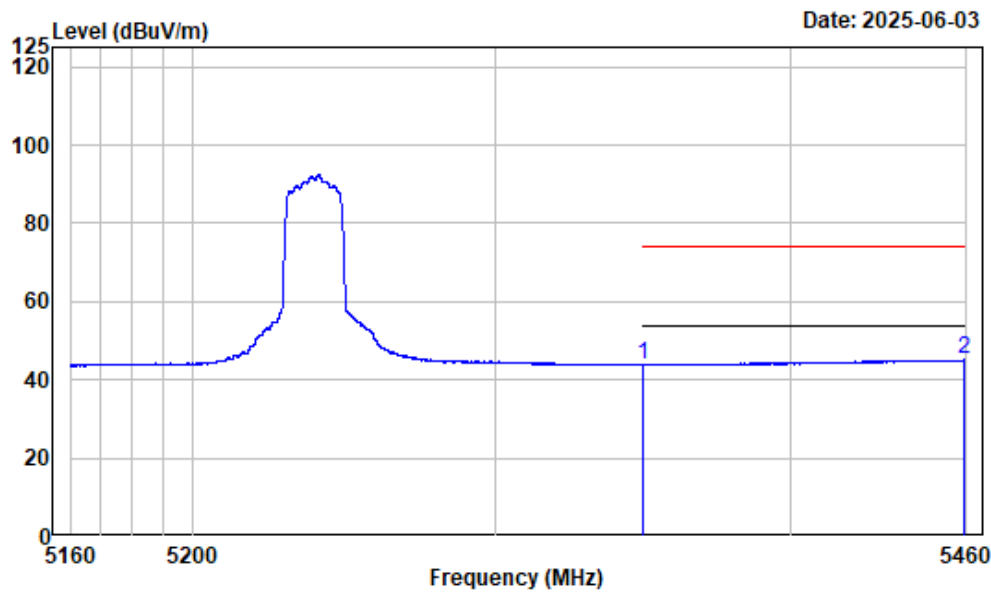

```
Condition       : Horizontal
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note            : 5GWiFi_B1_AC20_ANT0&ANT1_5240
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.47	43.73	54.00	-10.27	Average
2	5459.025	-6.29	51.34	45.05	54.00	-8.95	Average

Right Band edge_Vertical_Peak_802.11ac-VHT20_5240MHz
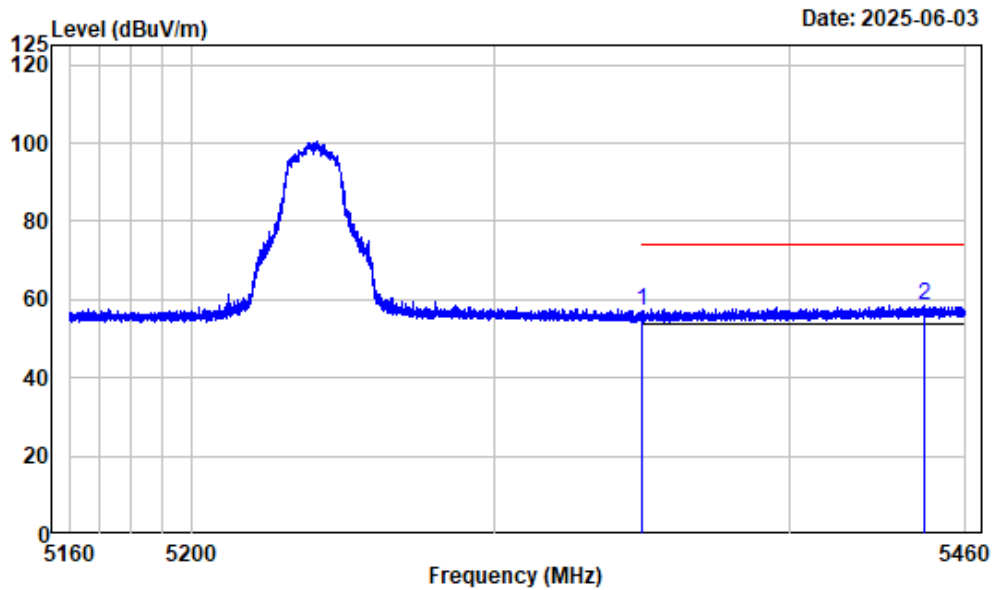
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	64.01	57.27	74.00	-16.73	Peak
2	5445.786	-6.35	64.73	58.38	74.00	-15.62	Peak

Right Band edge_Vertical_Average_802.11ac-VHT20_5240MHz
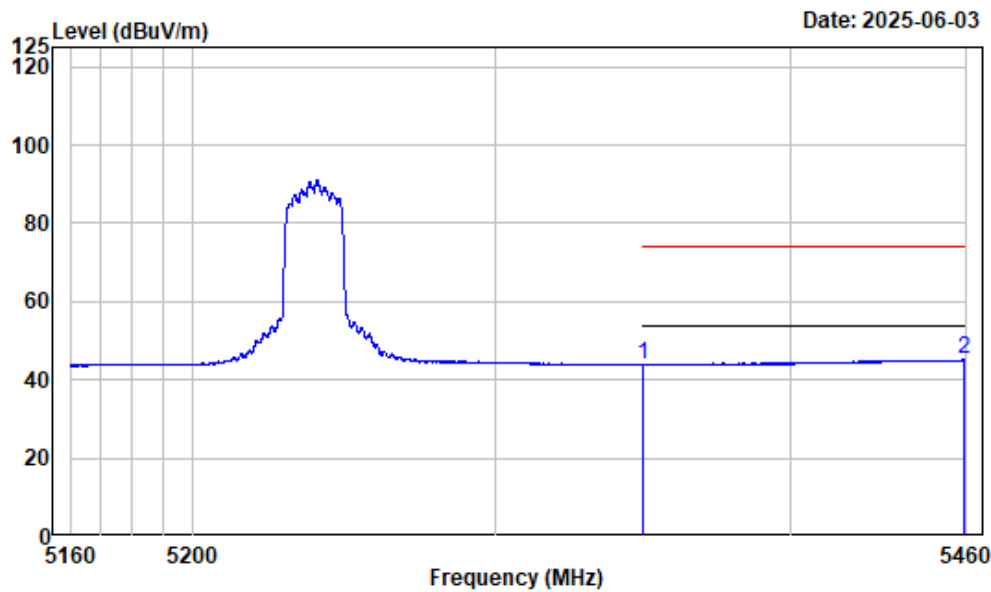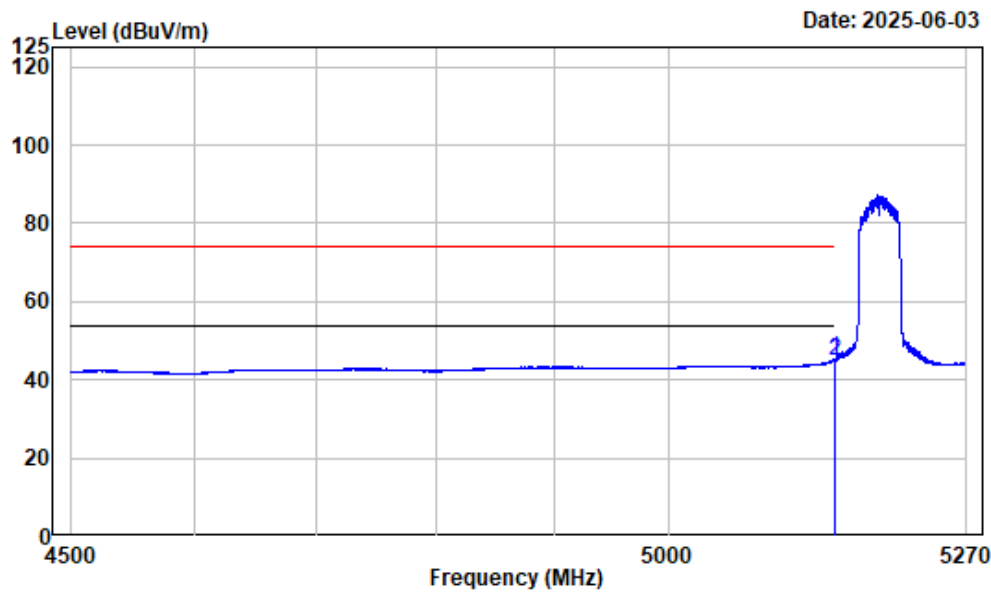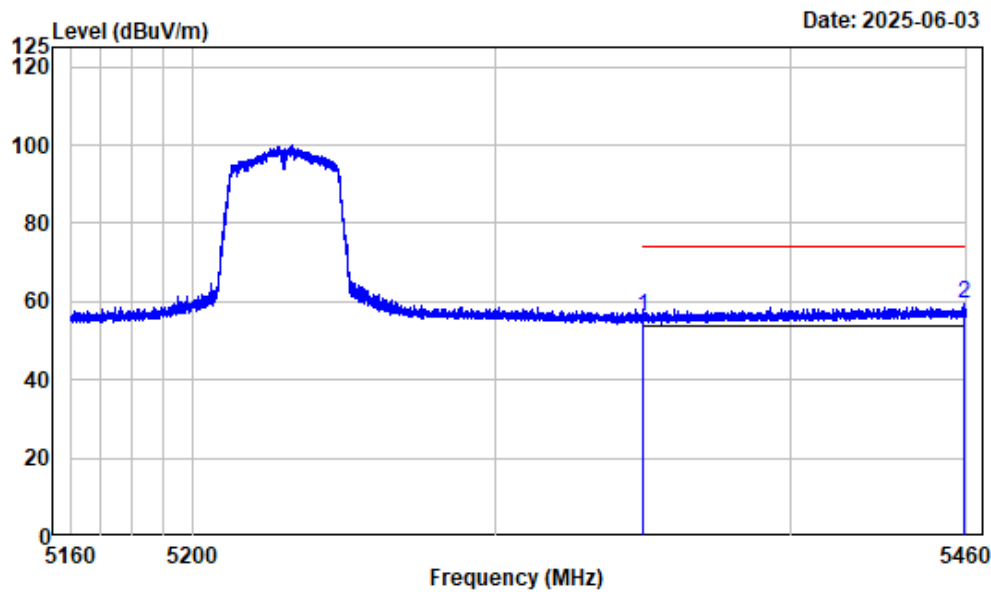


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5240
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.51	43.77	54.00	-10.23	Average
2	5458.913	-6.29	51.35	45.06	54.00	-8.94	Average

Left Band edge_Horizontal_Peak_802.11ac-VHT40_5190MHz
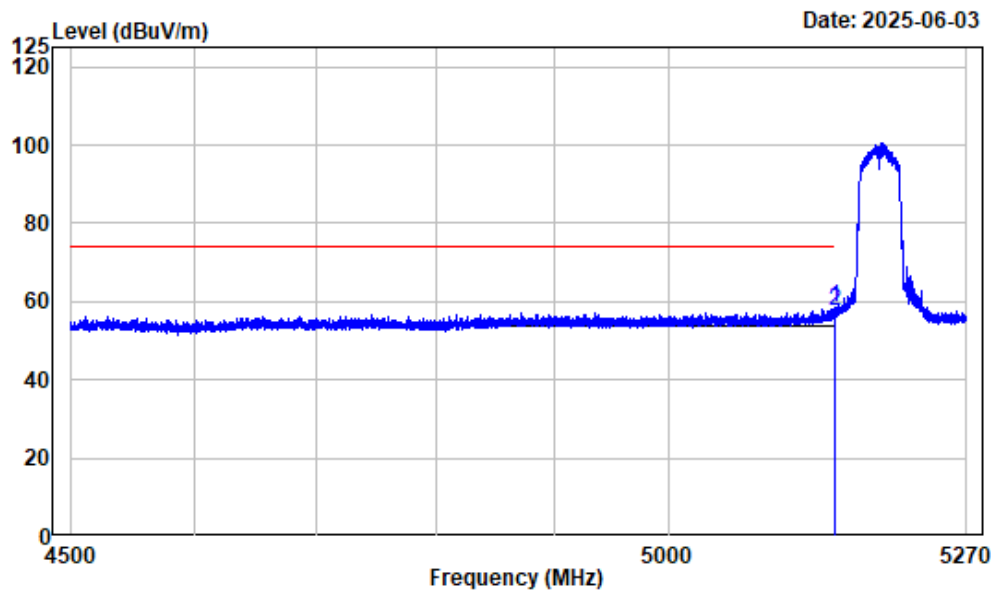

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.614	-7.46	66.11	58.65	74.00	-15.35	Peak
2	5150.000	-7.46	64.92	57.46	74.00	-16.54	Peak

Left Band edge_Horizontal_Average_802.11ac-VHT40_5190MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.999	-7.46	53.73	46.27	54.00	-7.73	Average
2	5150.000	-7.46	53.12	45.66	54.00	-8.34	Average

Left Band edge_Vertical_Peak_802.11ac-VHT40_5190MHz
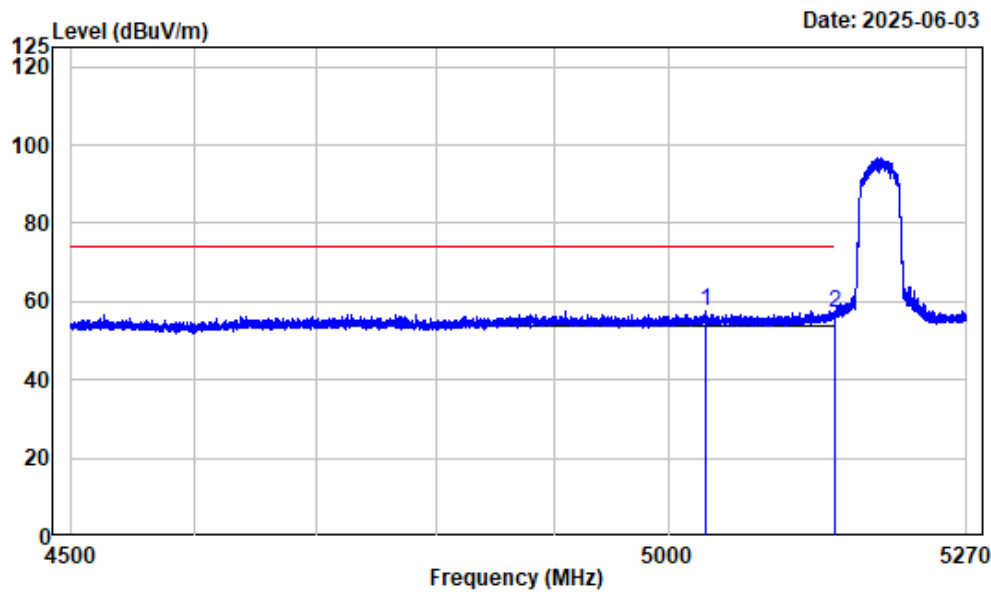

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5033.099	-7.32	65.03	57.71	74.00	-16.29	Peak
2	5150.000	-7.46	64.63	57.17	74.00	-16.83	Peak

Left Band edge_Vertical_Average_802.11ac-VHT40_5190MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AC40_ANT0&ANT1_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.614	-7.46	52.92	45.46	54.00	-8.54	Average
2	5150.000	-7.46	52.46	45.00	54.00	-9.00	Average

Right Band edge_Horizontal_Peak_802.11ac-VHT40_5230MHz

Date: 2025-06-03

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5230
```

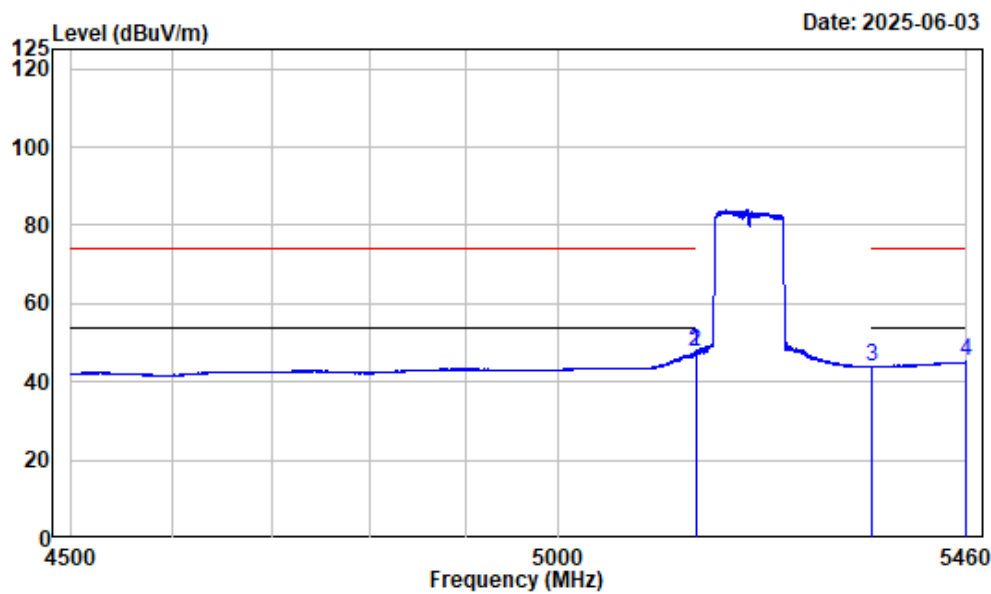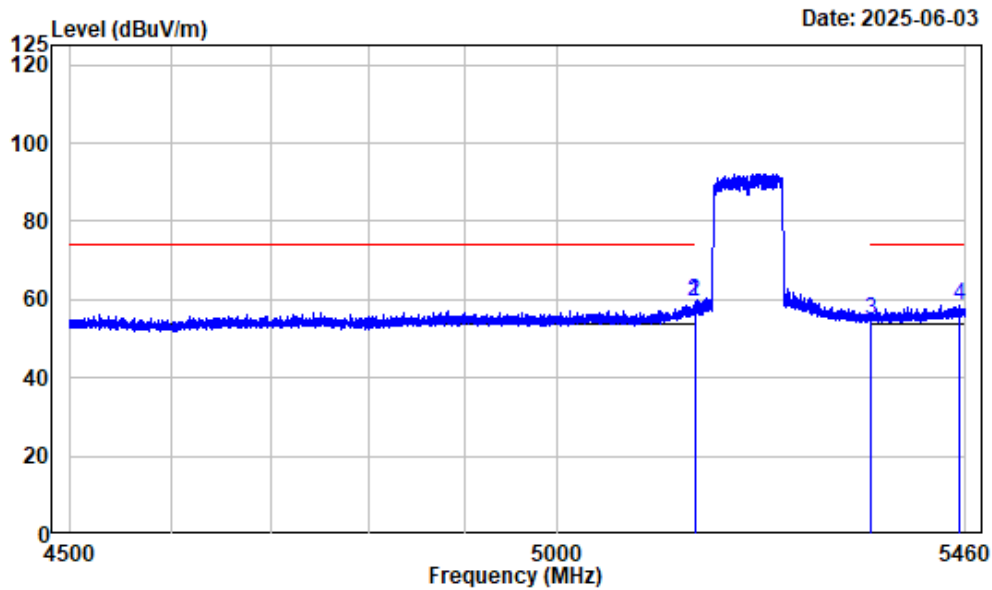|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.99	56.25	74.00	-17.75	Peak
2	5459.362	-6.29	65.64	59.35	74.00	-14.65	Peak

Right Band edge_Horizontal_Average_802.11ac-VHT40_5230MHz
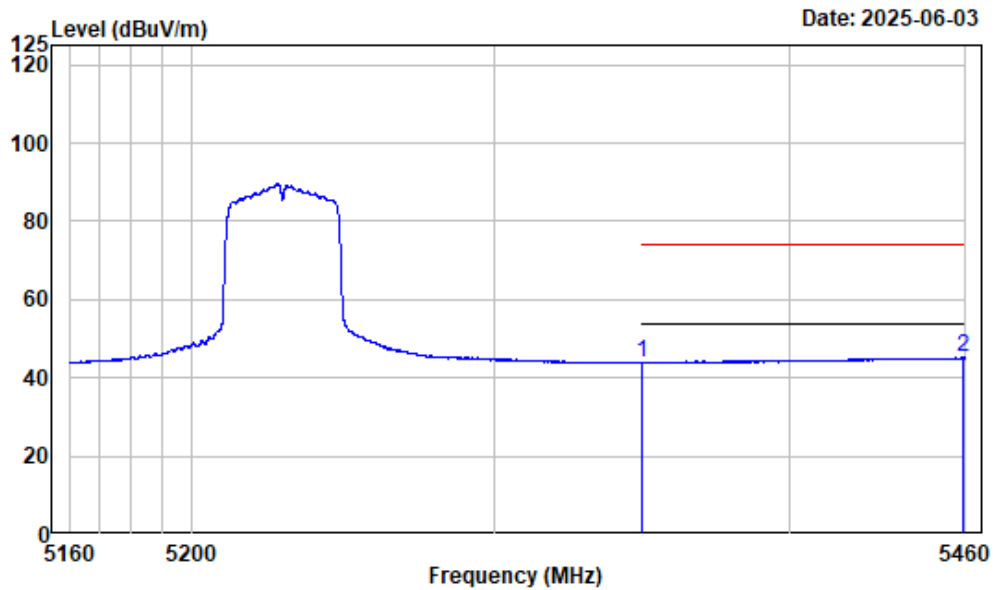

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5230
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.61	43.87	54.00	-10.13	Average
2	5458.950	-6.29	51.37	45.08	54.00	-8.92	Average

Right Band edge_Vertical_Peak_802.11ac-VHT40_5230MHz
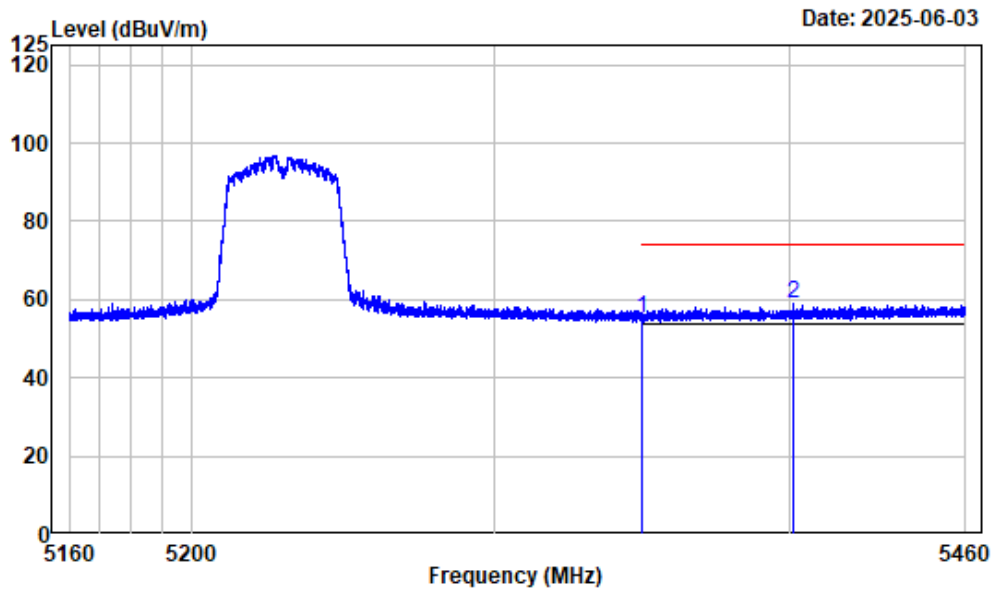
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC40_ANT0&ANT1_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.85	55.11	74.00	-18.89	Peak
2	5400.968	-6.59	65.43	58.84	74.00	-15.16	Peak

Right Band edge_Vertical_Average_802.11ac-VHT40_5230MHz
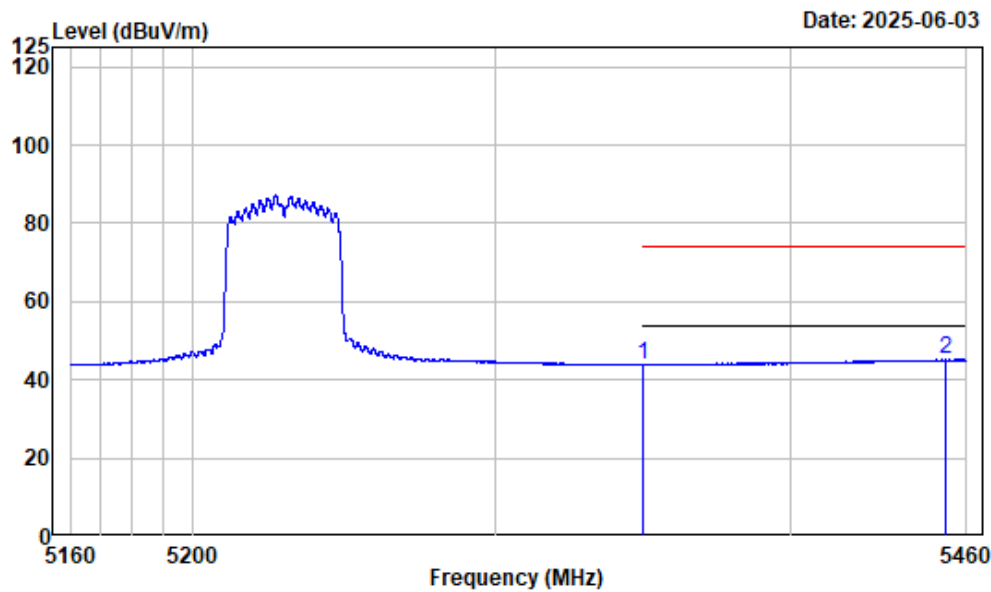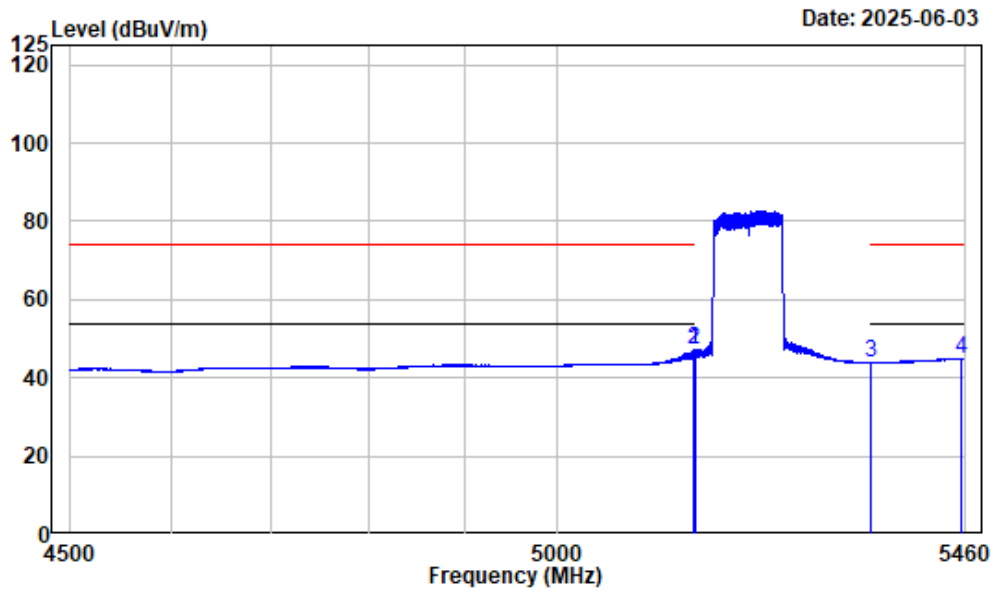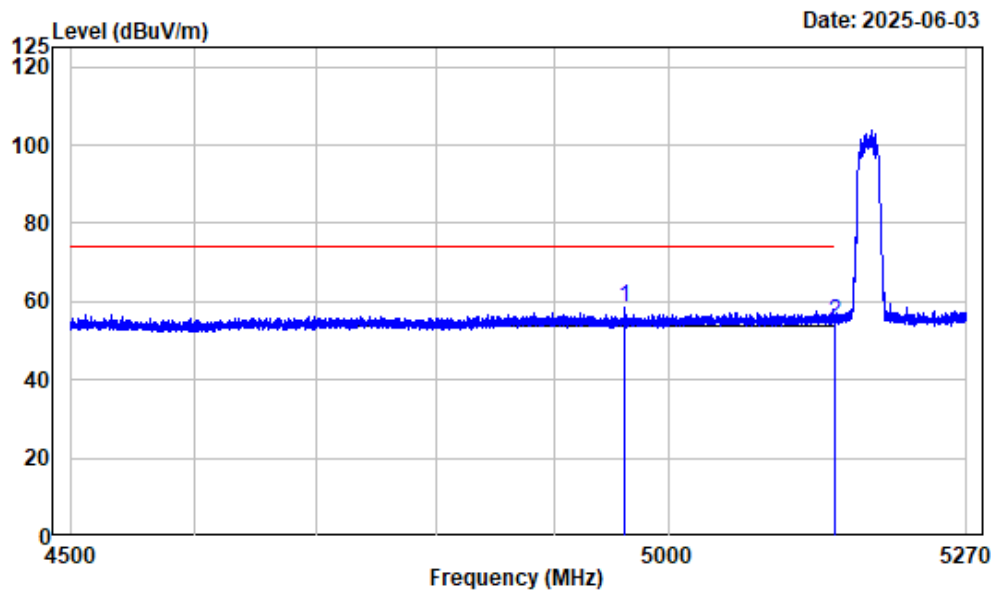

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AC40_ANT0&ANT1_5230

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.53	43.79	54.00	-10.21	Average
2	5453.099	-6.31	51.42	45.11	54.00	-8.89	Average

Band edge_Horizontal_Peak_802.11ac-VHT80_5210MHz
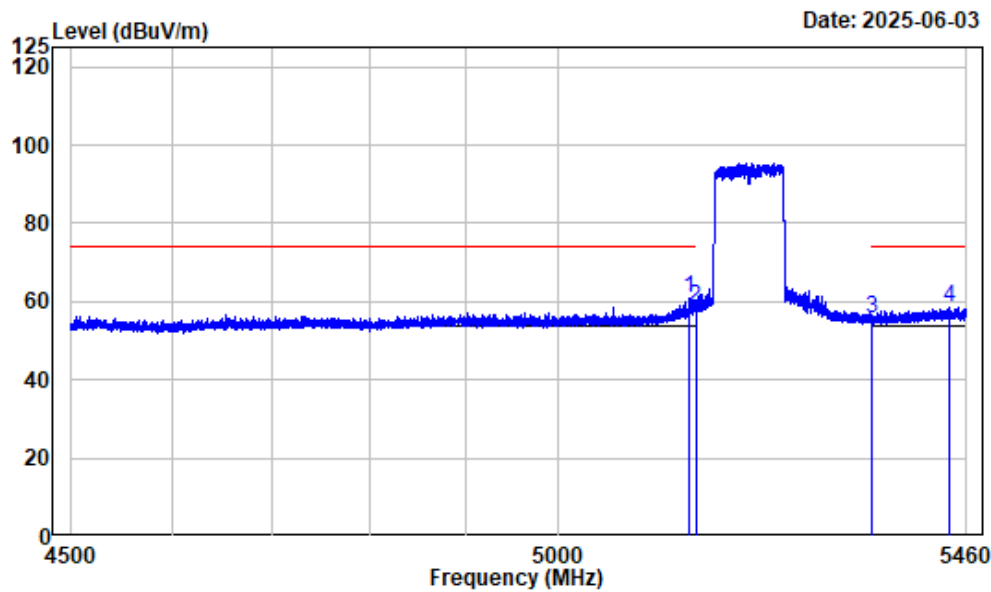
Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC80_ANT0&ANT1_5210

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5142.680	-7.46	68.35	60.89	74.00	-13.11	Peak
2	5150.000	-7.46	65.95	58.49	74.00	-15.51	Peak
3	5350.000	-6.74	62.49	55.75	74.00	-18.25	Peak
4	5439.598	-6.38	65.03	58.65	74.00	-15.35	Peak

Band edge_Horizontal_Average_802.11ac-VHT80_5210MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AC80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.46	55.06	47.60	54.00	-6.40	Average
2	5150.000	-7.46	55.06	47.60	54.00	-6.40	Average
3	5350.000	-6.74	50.46	43.72	54.00	-10.28	Average
4	5459.400	-6.29	51.38	45.09	54.00	-8.91	Average

Band edge_Vertical_Peak_802.11ac-VHT80_5210MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC80_ANT0&ANT1_5210

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-7.46	67.08	59.62	74.00	-14.38	Peak
2	5150.000	-7.46	67.08	59.62	74.00	-14.38	Peak
3	5350.000	-6.74	61.52	54.78	74.00	-19.22	Peak
4	5452.559	-6.31	64.63	58.32	74.00	-15.68	Peak

Band edge_Vertical_Average_802.11ac-VHT80_5210MHz

Condition　　　　　: Vertical
Project No.　　　　: 2501P42038E-RF
Tester　　　　　　: Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note　　　　　　　: 5GWiFi_B1_AC80_ANT0&ANT1_5210

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.881	-7.46	54.60	47.14	54.00	-6.86	Average
2	5150.000	-7.46	54.41	46.95	54.00	-7.05	Average
3	5350.000	-6.74	50.57	43.83	54.00	-10.17	Average
4	5454.839	-6.31	51.33	45.02	54.00	-8.98	Average

Left Band edge_Horizontal_Peak_802.11ax-HE20_5180MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5180

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4962.539	-7.55	65.83	58.28	74.00	-15.72	Peak
2	5150.000	-7.46	62.28	54.82	74.00	-19.18	Peak

Left Band edge_Horizontal_Average_802.11ax-HE20_5180MHz
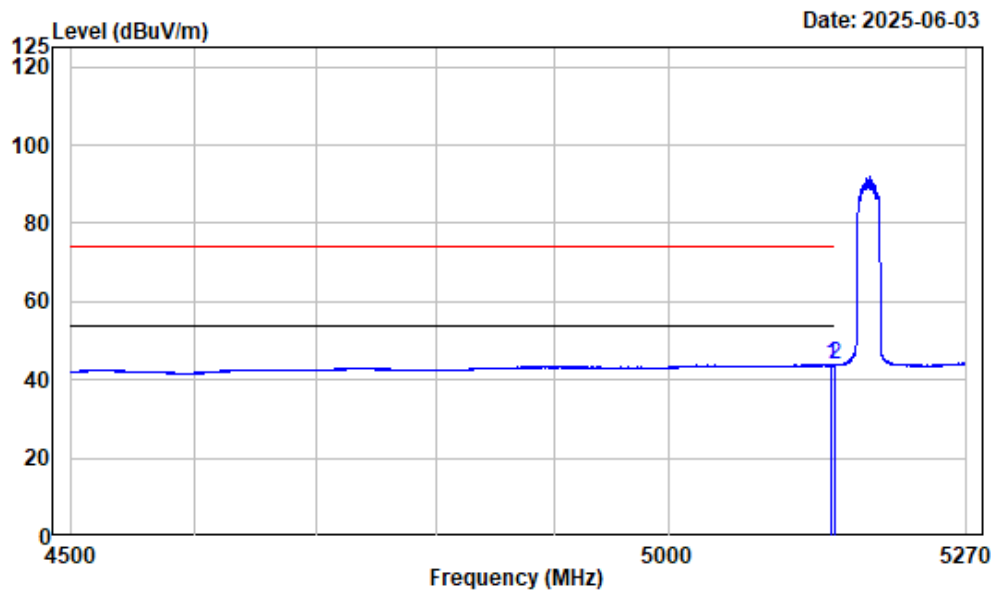

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AX20_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5146.399	-7.46	51.31	43.85	54.00	-10.15	Average
2	5150.000	-7.46	51.29	43.83	54.00	-10.17	Average

Left Band edge_Vertical_Peak_802.11ax-HE20_5180MHz
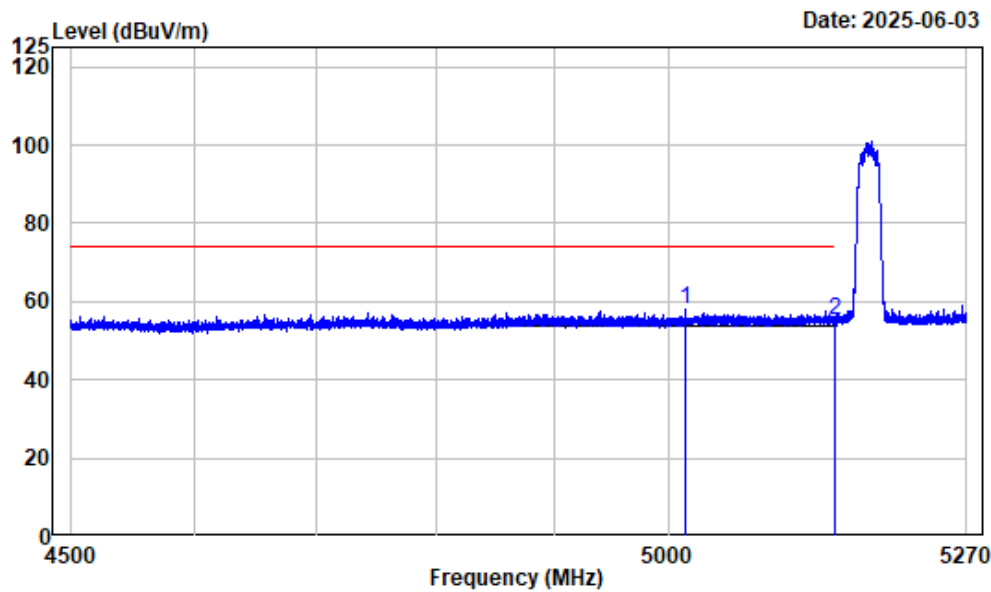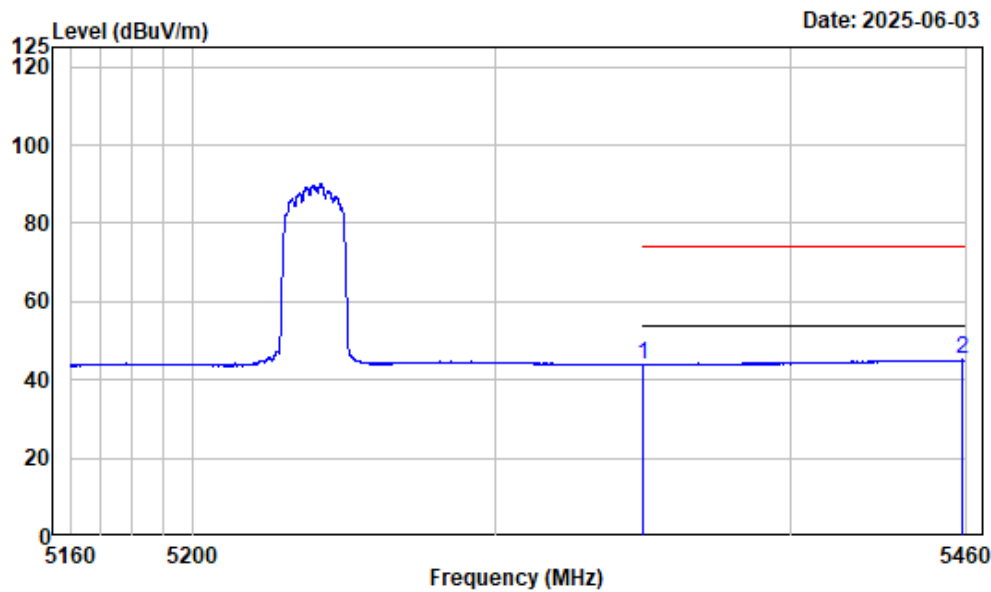
Date: 2025-06-03

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5180

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5015.580	-7.33	65.15	57.82	74.00	-16.18	Peak
2	5150.000	-7.46	62.43	54.97	74.00	-19.03	Peak

Left Band edge_Vertical_Average_802.11ax-HE20_5180MHz
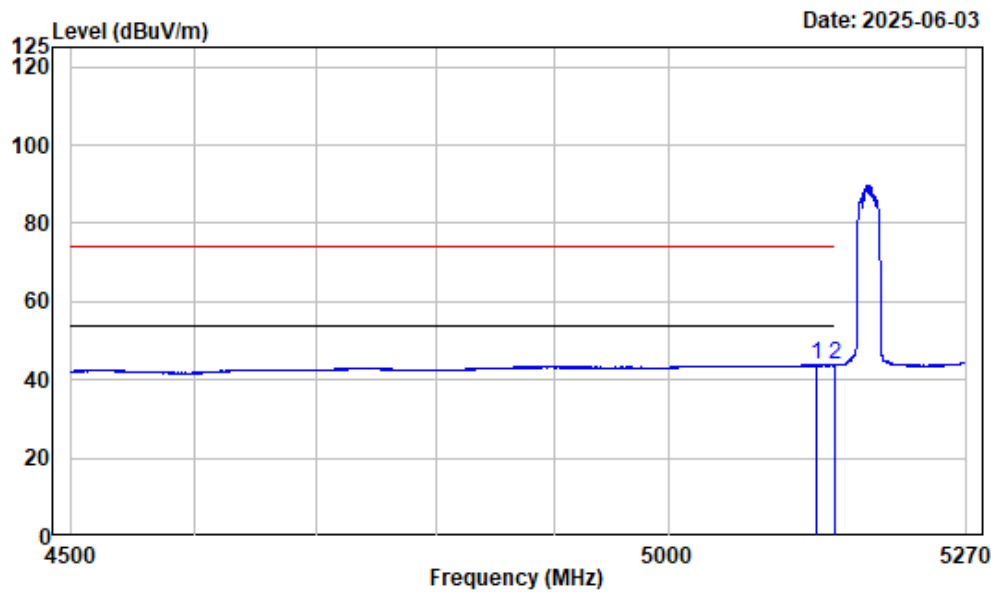
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5132.827	-7.47	51.28	43.81	54.00	-10.19	Average
2	5150.000	-7.46	51.21	43.75	54.00	-10.25	Average

Right Band edge_Horizontal_Peak_802.11ax-HE20_5240MHz
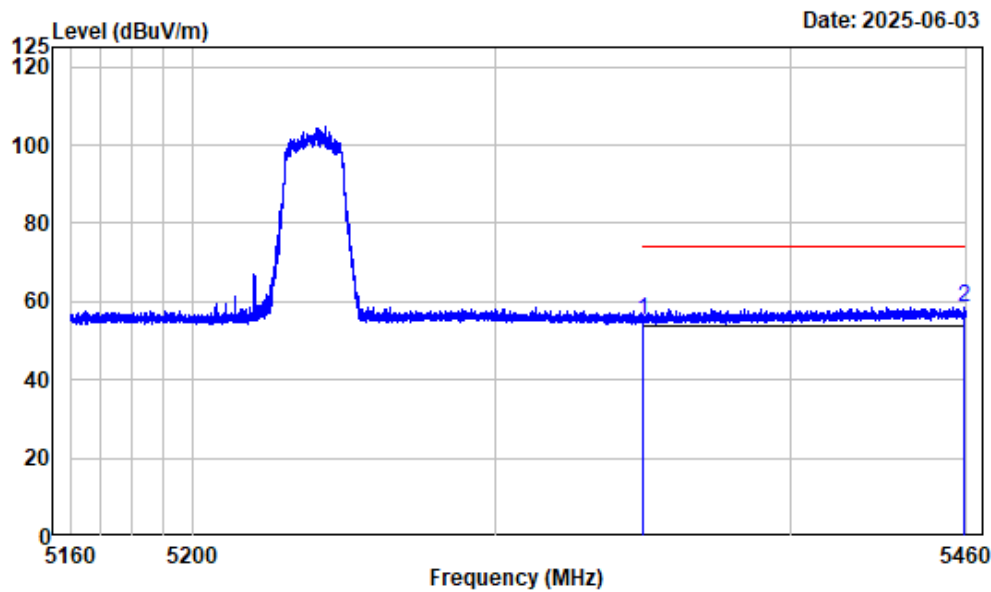
Date: 2025-06-03

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5240

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.87	55.13	74.00	-18.87	Peak
2	5459.063	-6.29	64.93	58.64	74.00	-15.36	Peak

Right Band edge_Horizontal_Average_802.11ax-HE20_5240MHz
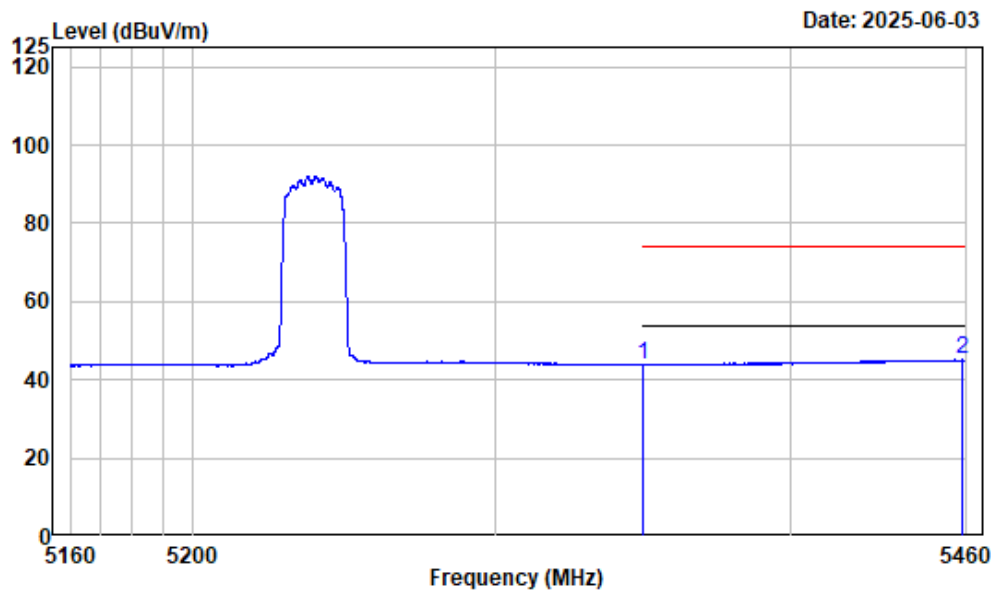
Condition　　　　　: Horizontal
Project No.　　　　: 2501P42038E-RF
Tester　　　　　　: Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note　　　　　　　: 5GWiFi_B1_AX20_ANT0&ANT1_5240

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.46	43.72	54.00	-10.28	Average
2	5458.500	-6.29	51.36	45.07	54.00	-8.93	Average

Right Band edge_Vertical_Peak_802.11ax-HE20_5240MHz
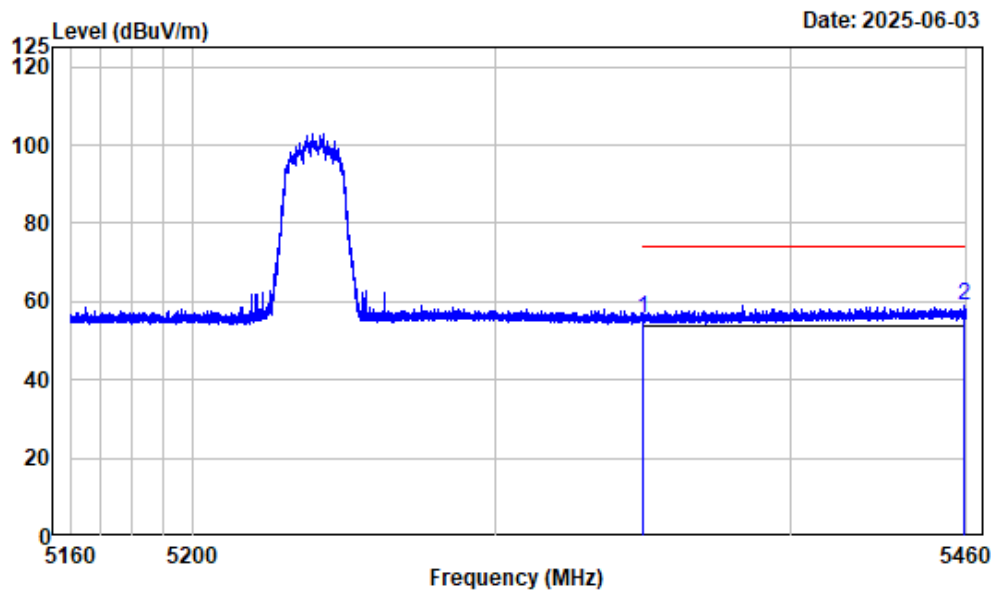

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX20_ANT0&ANT1_5240
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.56	55.82	74.00	-18.18	Peak
2	5459.362	-6.29	65.14	58.85	74.00	-15.15	Peak

Right Band edge_Vertical_Average_802.11ax-HE20_5240MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5240

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.51	43.77	54.00	-10.23	Average
2	5458.837	-6.29	51.34	45.05	54.00	-8.95	Average

Left Band edge_Horizontal_Peak_802.11ax-HE40_5190MHz
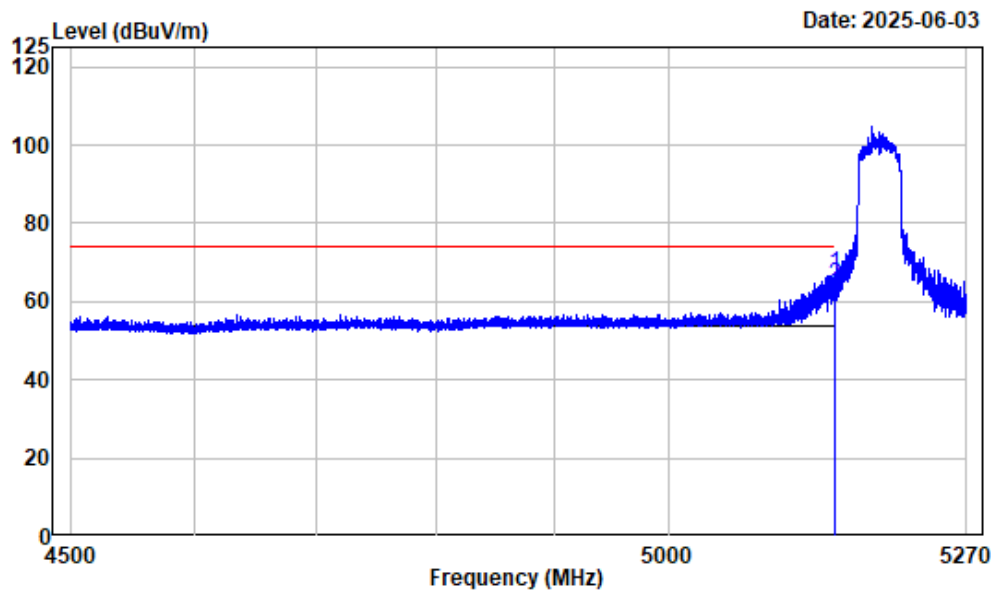

```
Condition         : Horizontal
Project No.       : 2501P42038E-RF
Tester            : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note              : 5GWiFi_B1_AX40_ANT0&ANT1_5190
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.710	-7.46	74.41	66.95	74.00	-7.05	Peak
2	5150.000	-7.46	71.77	64.31	74.00	-9.69	Peak

Left Band edge_Horizontal_Average_802.11ax-HE40_5190MHz
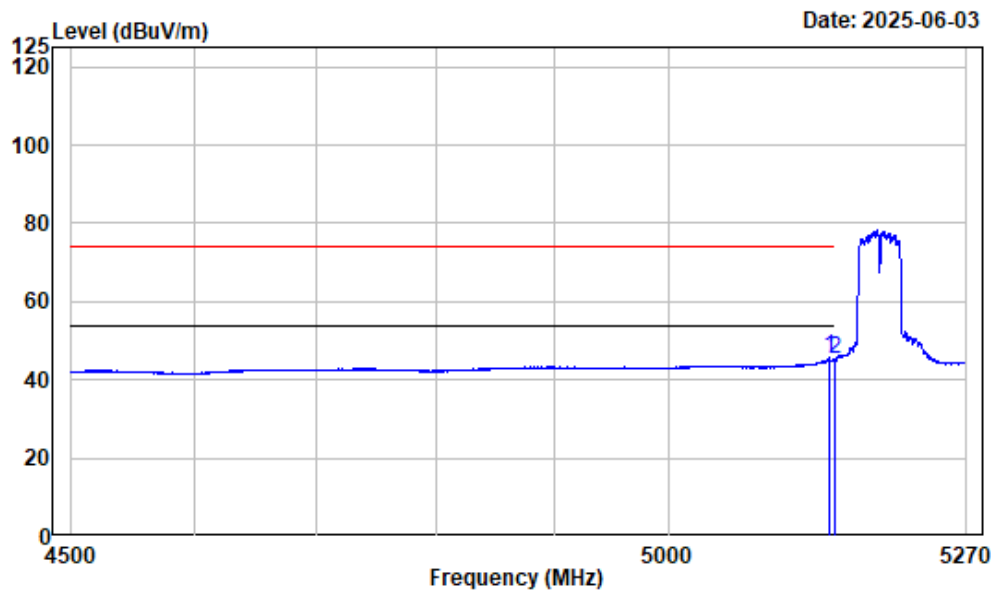

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5190
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5144.186	-7.46	52.99	45.53	54.00	-8.47	Average
2	5150.000	-7.46	52.75	45.29	54.00	-8.71	Average

Left Band edge_Vertical_Peak_802.11ax-HE40_5190MHz
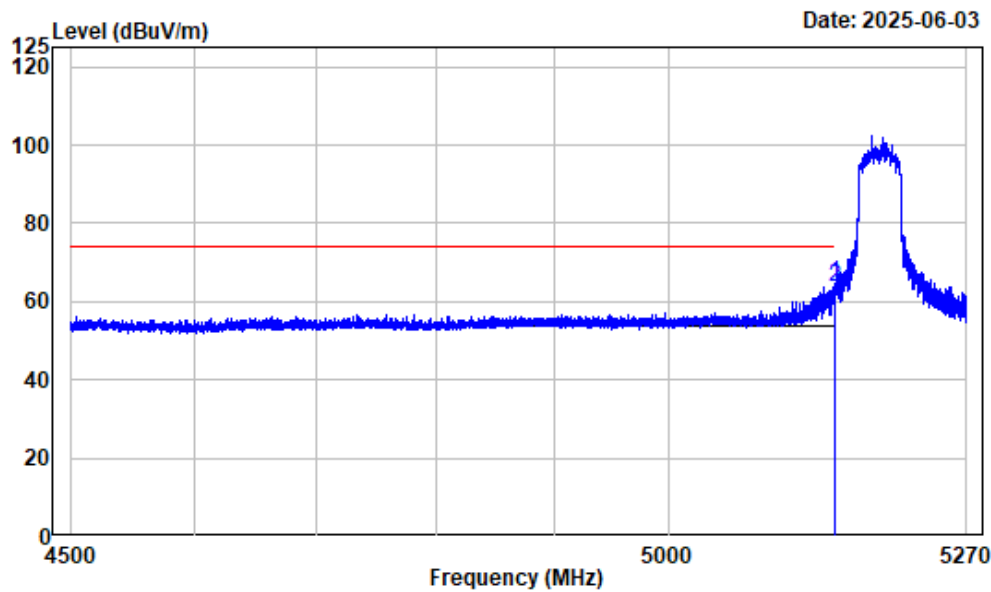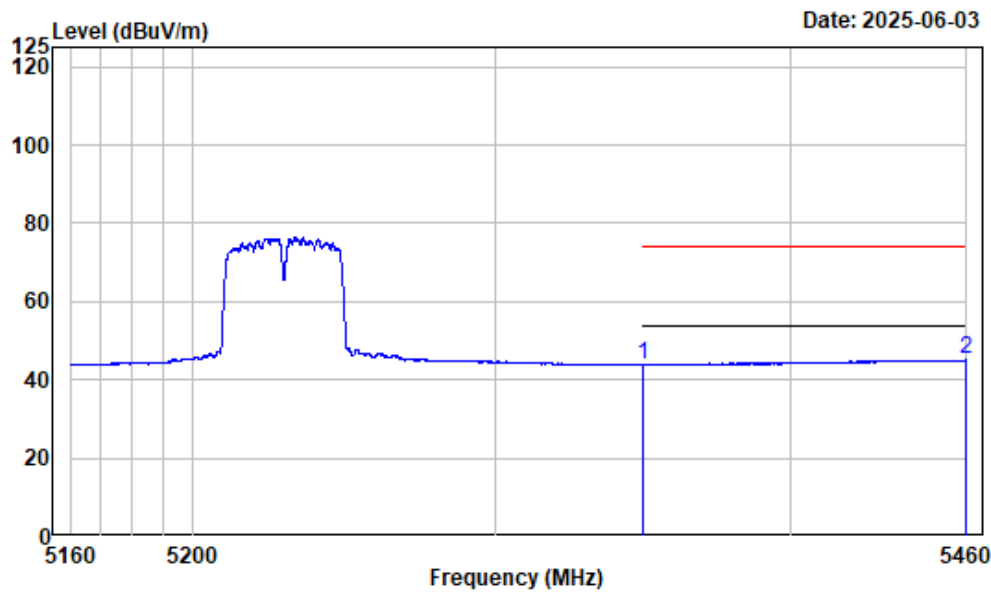

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5190

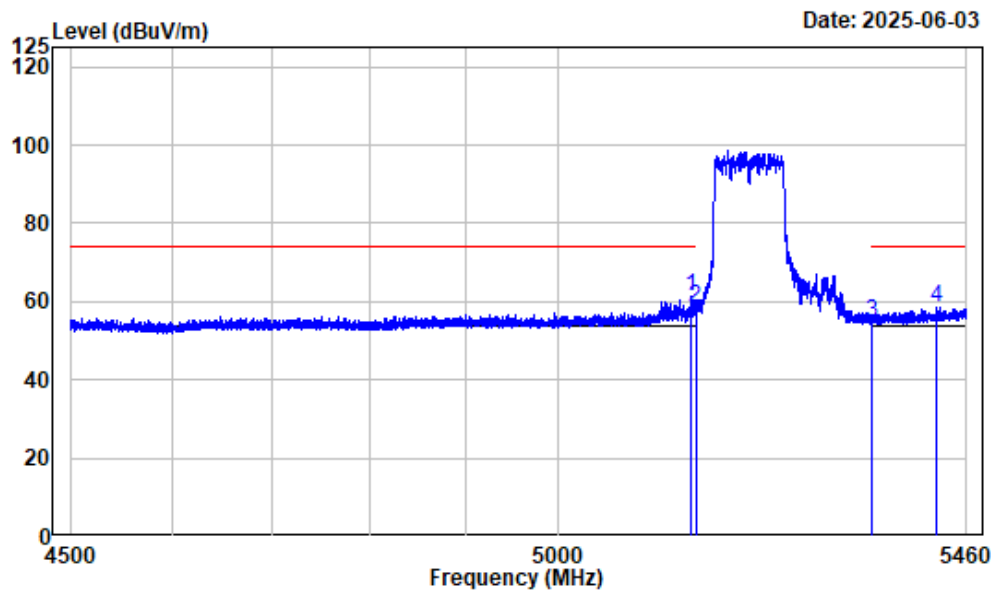|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.480	-7.46	72.15	64.69	74.00	-9.31	Peak
2	5150.000	-7.46	71.28	63.82	74.00	-10.18	Peak

Left Band edge_Vertical_Average_802.11ax-HE40_5190MHz
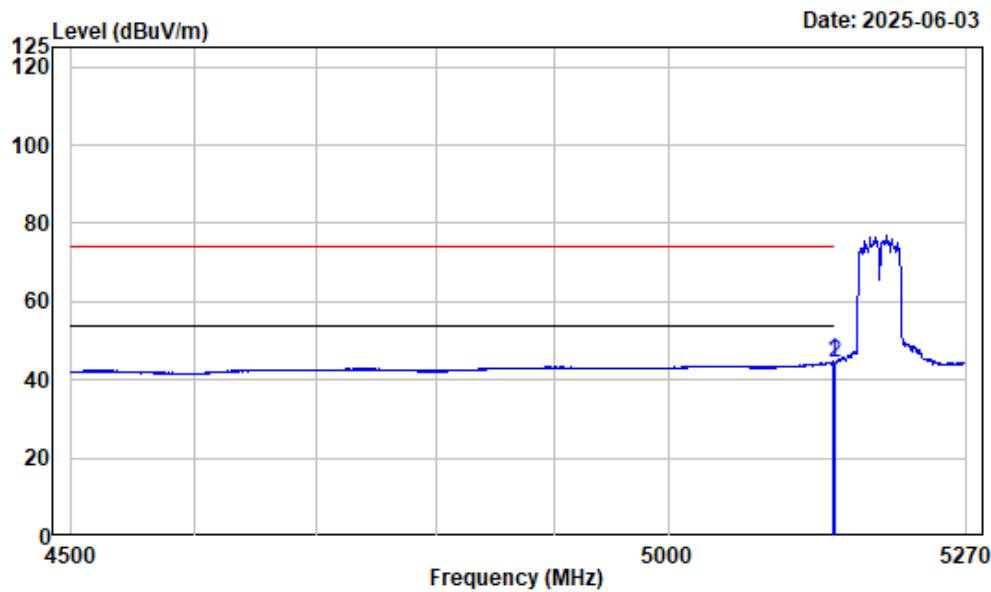
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5190

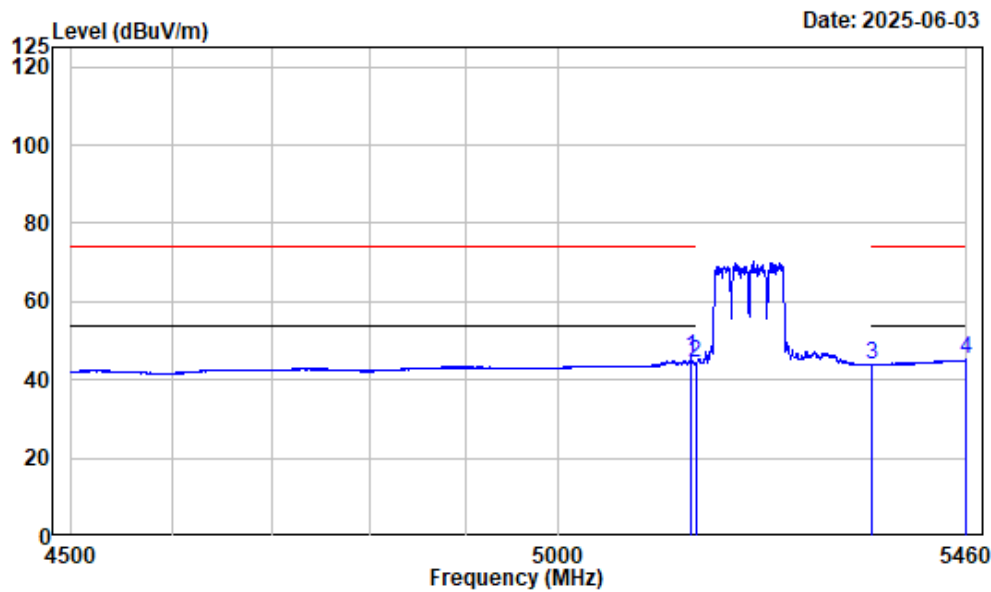|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5147.651	-7.46	52.14	44.68	54.00	-9.32	Average
2	5150.000	-7.46	51.85	44.39	54.00	-9.61	Average

Right Band edge_Horizontal_Peak_802.11ax-HE40_5230MHz
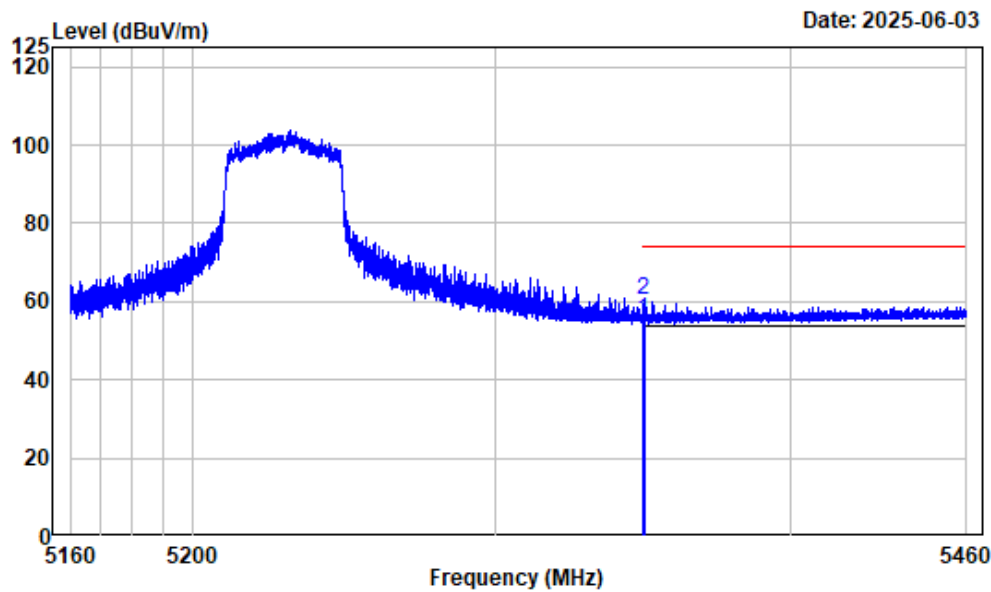
Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5230

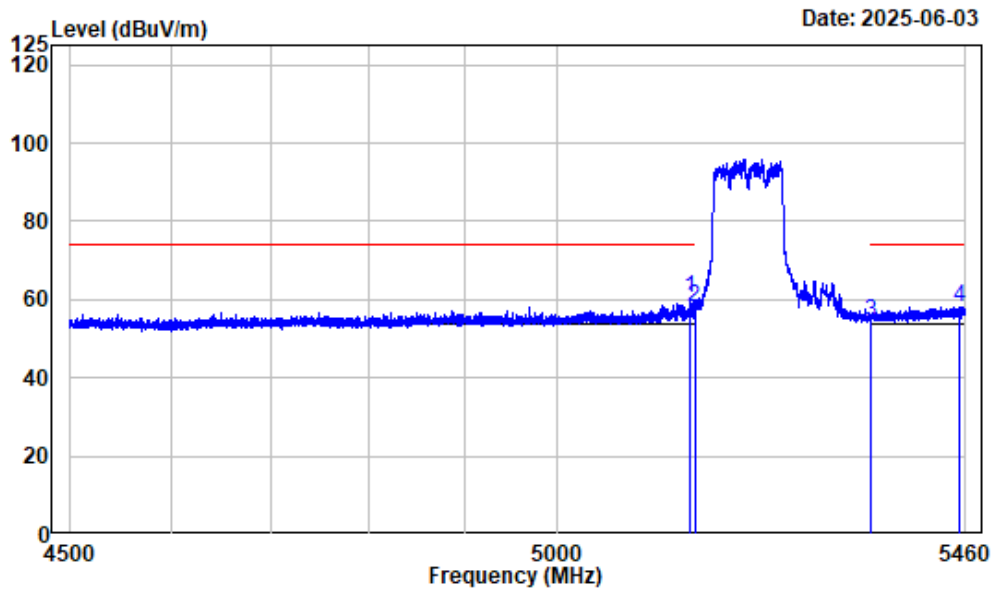|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.84	55.10	74.00	-18.90	Peak
2	5350.074	-6.74	67.06	60.32	74.00	-13.68	Peak

Right Band edge_Horizontal_Average_802.11ax-HE40_5230MHz
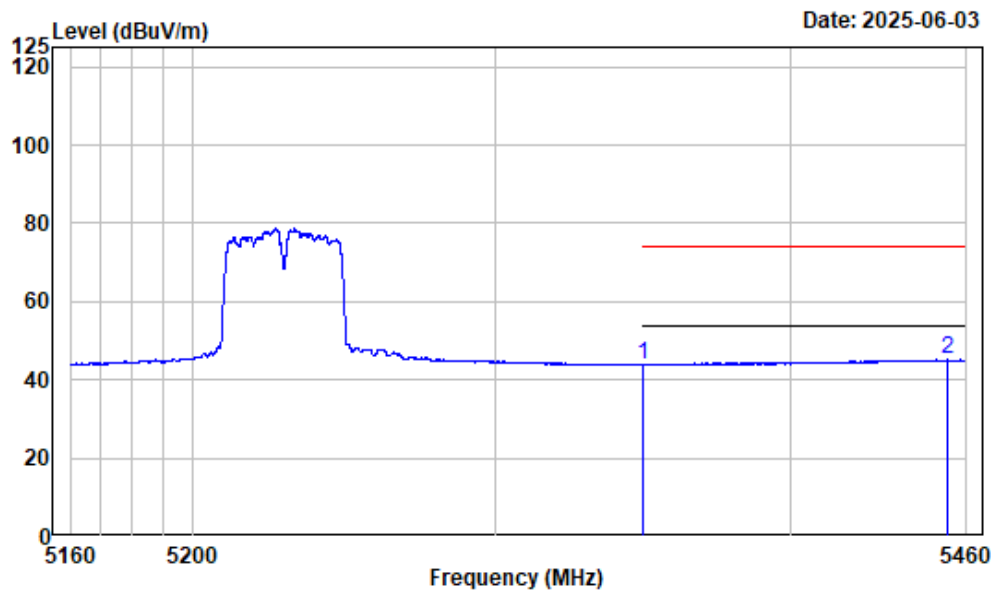

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

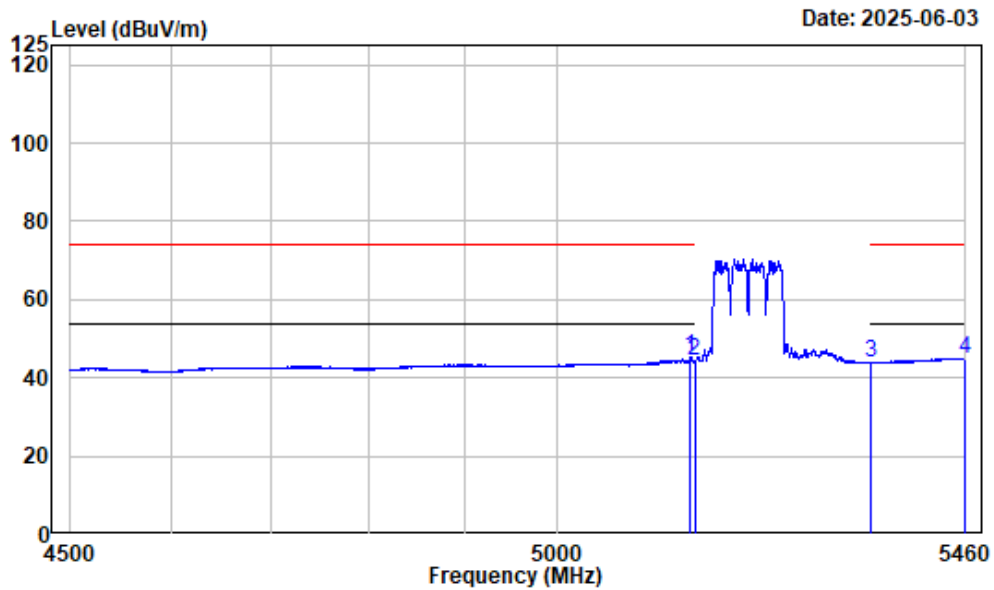|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.58	43.84	54.00	-10.16	Average
2	5453.737	-6.31	51.40	45.09	54.00	-8.91	Average

Right Band edge_Vertical_Peak_802.11ax-HE40_5230MHz
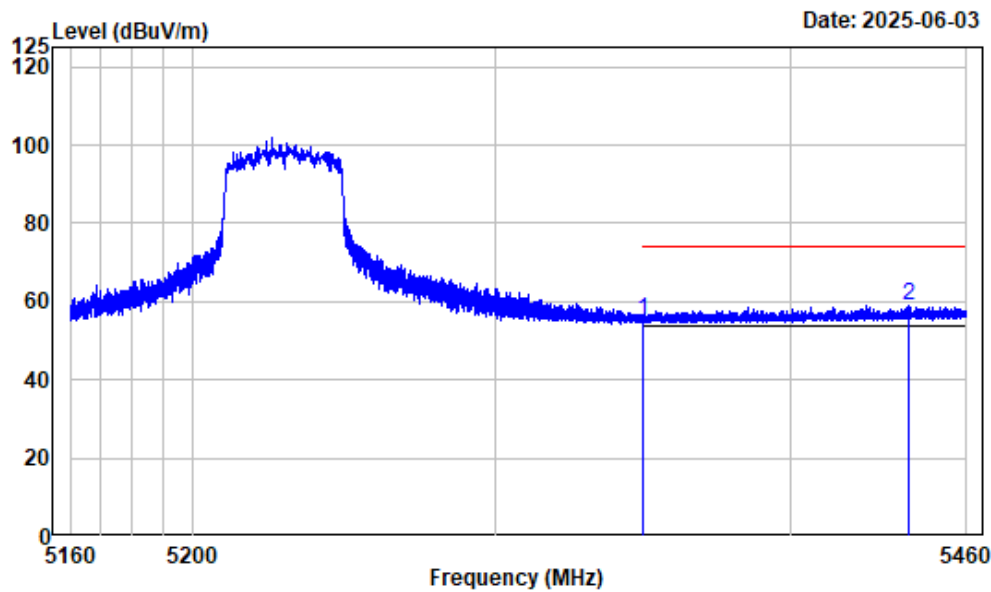
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5230

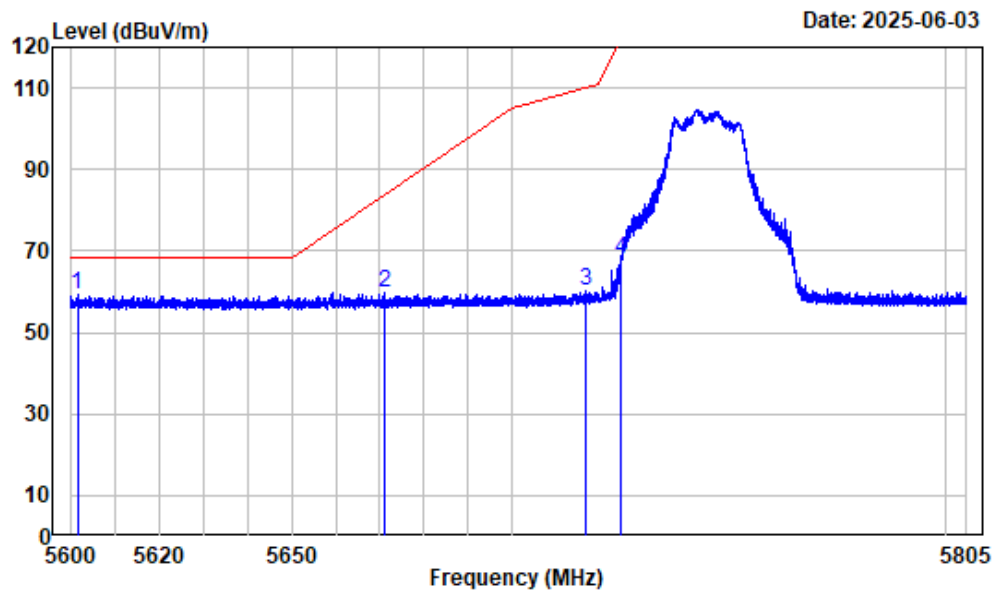|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.96	55.22	74.00	-18.78	Peak
2	5440.460	-6.38	65.39	59.01	74.00	-14.99	Peak

Right Band edge_Vertical_Average_802.11ax-HE40_5230MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	50.52	43.78	54.00	-10.22	Average
2	5459.700	-6.29	51.35	45.06	54.00	-8.94	Average

Band edge_Horizontal_Peak_802.11ax-HE80_5210MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5145.681	-7.46	68.66	61.20	74.00	-12.80	Peak
2	5150.000	-7.46	66.05	58.59	74.00	-15.41	Peak
3	5350.000	-6.74	61.63	54.89	74.00	-19.11	Peak
4	5424.596	-6.46	65.07	58.61	74.00	-15.39	Peak

Band edge_Horizontal_Average_802.11ax-HE80_5210MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5145.081	-7.46	53.10	45.64	54.00	-8.36	Average
2	5150.000	-7.46	51.68	44.22	54.00	-9.78	Average
3	5350.000	-6.74	50.53	43.79	54.00	-10.21	Average
4	5459.520	-6.29	51.34	45.05	54.00	-8.95	Average

Band edge_Vertical_Peak_802.11ax-HE80_5210MHz
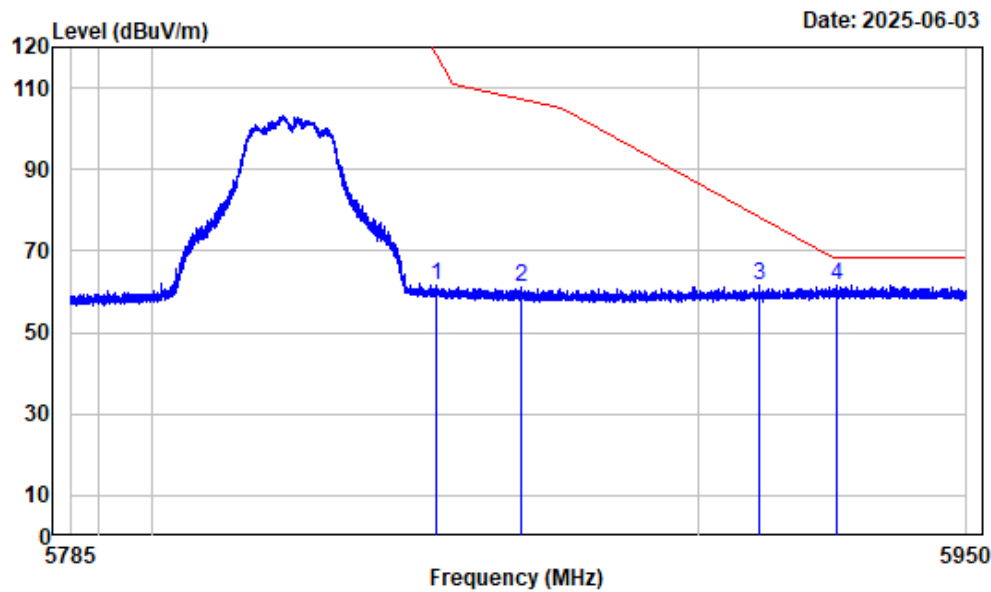

Date: 2025-06-03

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX80_ANT0&ANT1_5210

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5145.681	-7.46	67.65	60.19	74.00	-13.81	Peak
2	5150.000	-7.46	65.50	58.04	74.00	-15.96	Peak
3	5350.000	-6.74	61.17	54.43	74.00	-19.57	Peak
4	5453.879	-6.31	64.40	58.09	74.00	-15.91	Peak

Band edge_Vertical_Average_802.11ax-HE80_5210MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:100Hz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

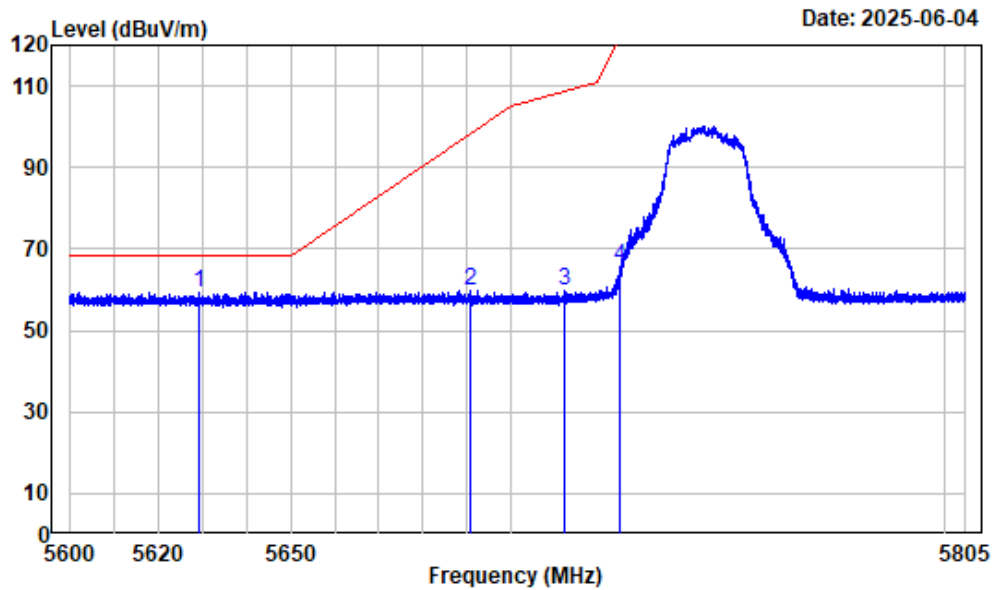|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5145.201	-7.46	52.86	45.40	54.00	-8.60	Average
2	5150.000	-7.46	51.62	44.16	54.00	-9.84	Average
3	5350.000	-6.74	50.60	43.86	54.00	-10.14	Average
4	5459.760	-6.29	51.31	45.02	54.00	-8.98	Average

Left Band edge_Horizontal_802.11a_5745MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5745
```

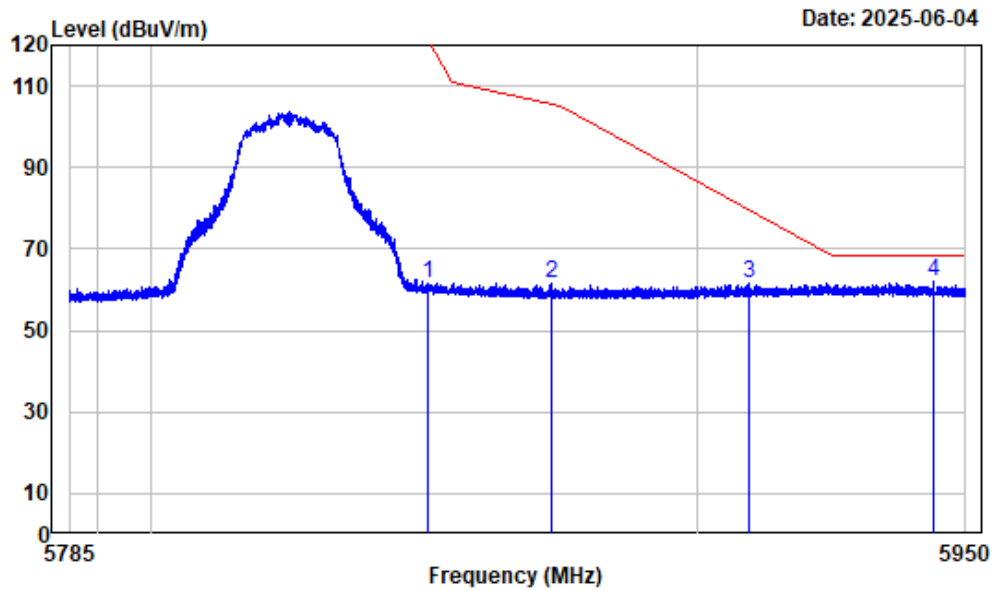|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5601.589	-6.20	65.53	59.33	68.20	-8.87	Peak
2	5671.195	-5.80	65.53	59.73	83.92	-24.19	Peak
3	5717.070	-5.56	65.57	60.01	109.98	-49.97	Peak
4	5724.963	-5.49	73.29	67.80	122.12	-54.32	Peak

Left Band edge_Vertical_802.11a_5745MHz
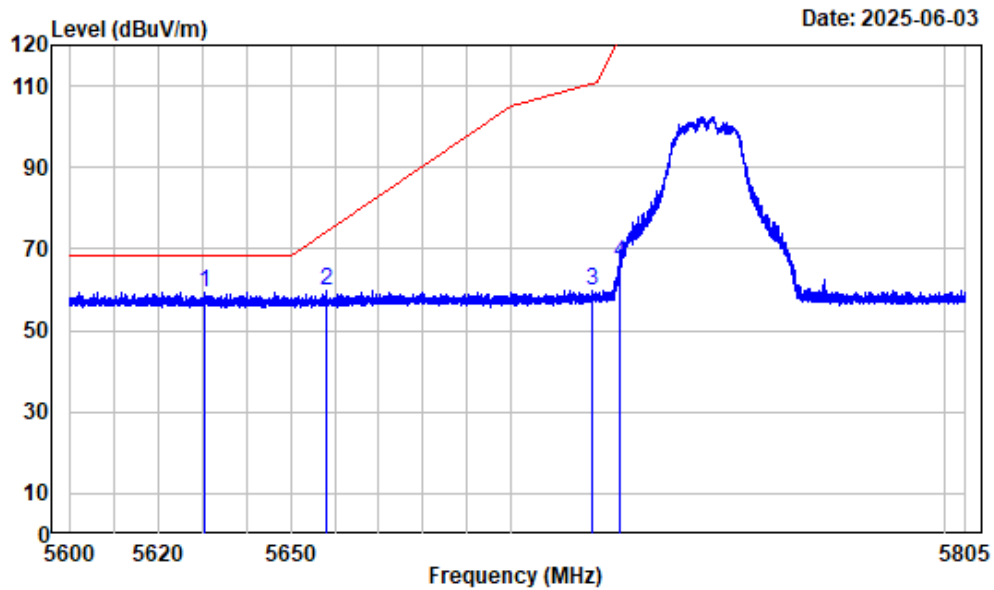
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_A_ANT0&ANT1_5745

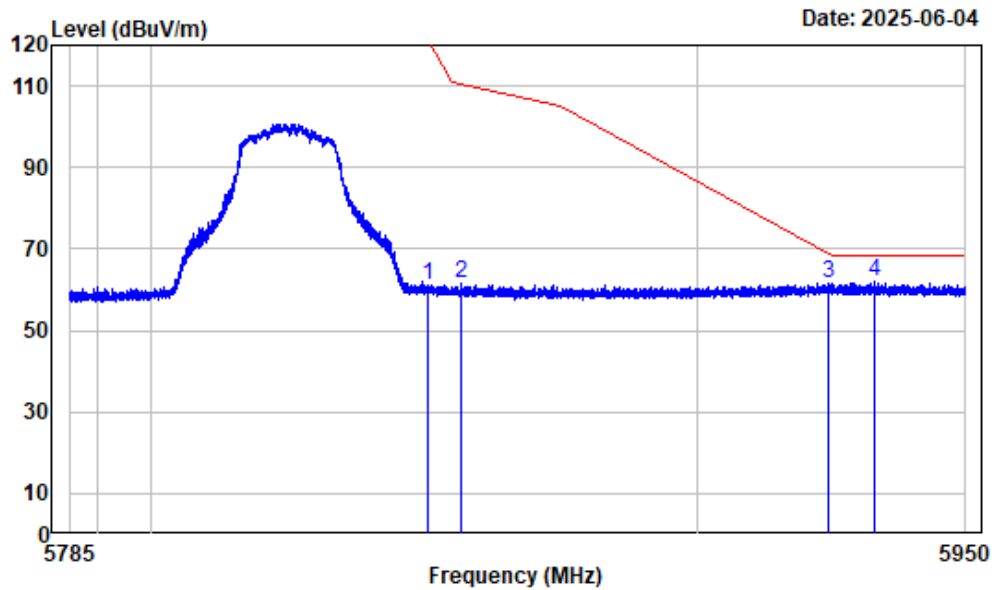|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5630.677	-5.99	65.46	59.47	68.20	-8.73	Peak
2	5657.945	-5.84	65.46	59.62	74.10	-14.48	Peak
3	5718.761	-5.54	65.34	59.80	110.45	-50.65	Peak
4	5724.938	-5.49	71.97	66.48	122.06	-55.58	Peak

Right Band edge_Horizontal_802.11a_5825MHz
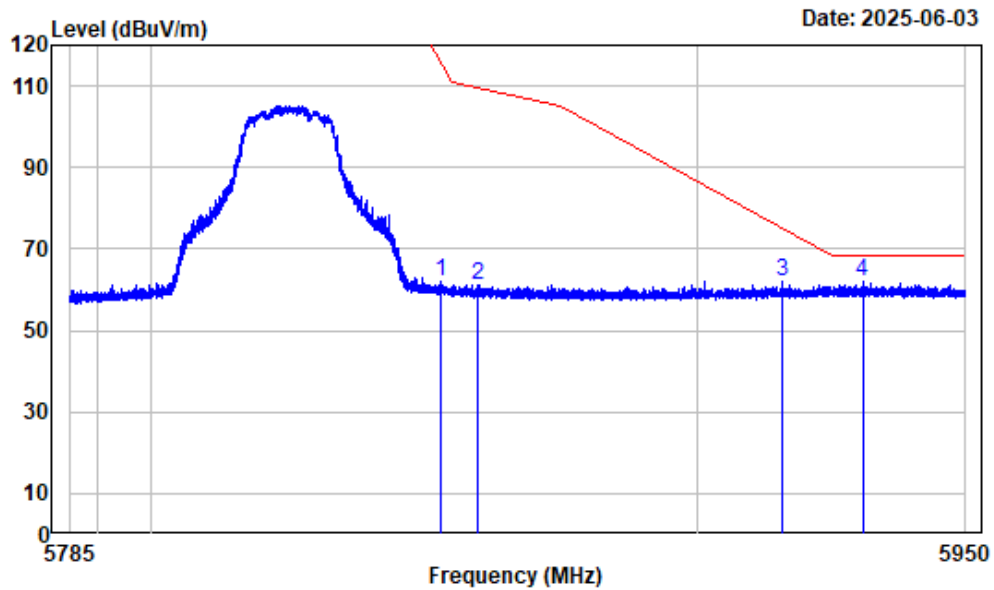
Date: 2025-06-03

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5825
```

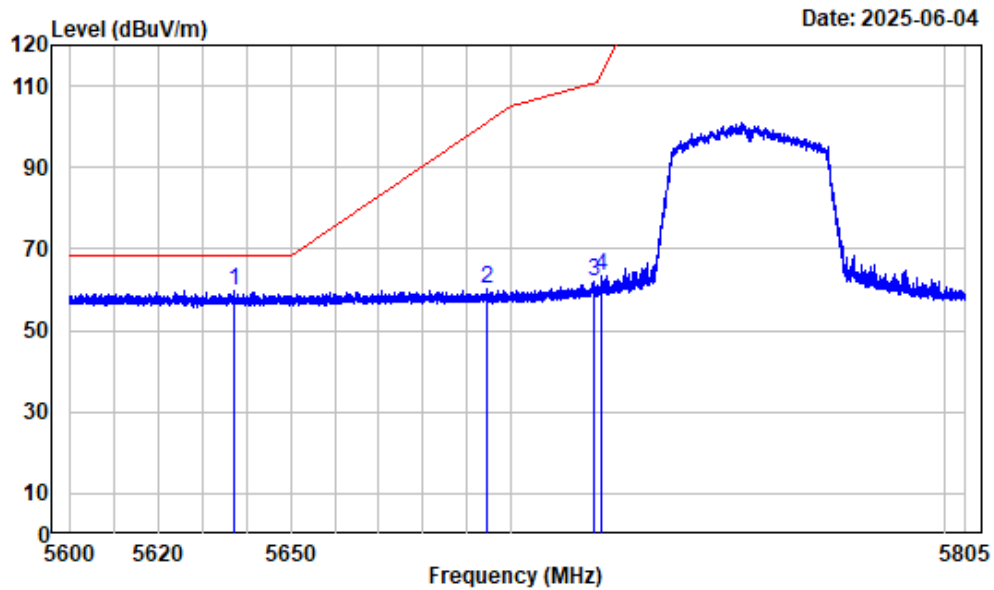|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5852.803	-4.66	66.65	61.99	115.81	-53.82	Peak
2	5859.630	-4.63	65.86	61.23	109.50	-48.27	Peak
3	5915.841	-4.46	66.35	61.89	74.95	-13.06	Peak
4	5930.816	-4.45	66.30	61.85	68.20	-6.35	Peak

Right Band edge_Vertical_802.11a_5825MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5851.751	-4.66	66.20	61.54	118.21	-56.67	Peak
2	5867.387	-4.60	65.82	61.22	107.33	-46.11	Peak
3	5911.365	-4.45	65.82	61.37	78.26	-16.89	Peak
4	5925.866	-4.45	66.09	61.64	68.20	-6.56	Peak

Left Band edge_Horizontal_802.11ac-VHT20_5745MHz
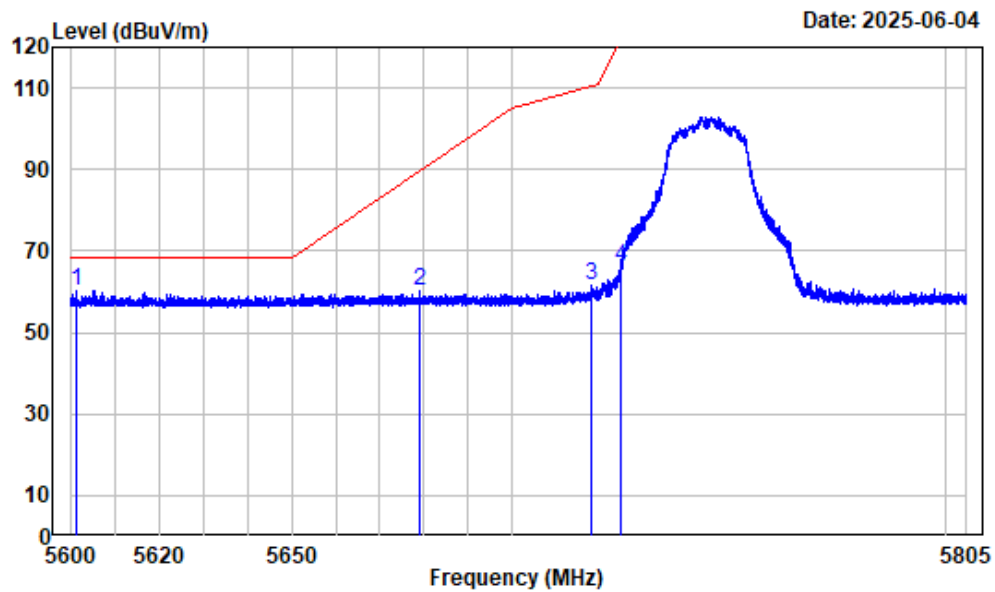
Date: 2025-06-04

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5745
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5601.461	-6.20	66.51	60.31	68.20	-7.89	Peak
2	5679.012	-5.77	65.79	60.02	89.71	-29.69	Peak
3	5718.249	-5.54	67.06	61.52	110.31	-48.79	Peak
4	5724.938	-5.49	71.49	66.00	122.06	-56.06	Peak

Left Band edge_Vertical_802.11ac-VHT20_5745MHz

Date: 2025-06-04

```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_AC20_ANT0&ANT1_5745
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5629.319	-6.01	65.25	59.24	68.20	-8.96	Peak
2	5690.698	-5.75	65.54	59.79	98.34	-38.55	Peak
3	5712.303	-5.61	65.58	59.97	108.65	-48.68	Peak
4	5724.989	-5.49	71.36	65.87	122.17	-56.30	Peak

Right Band edge_Horizontal_802.11ac-VHT20_5825MHz
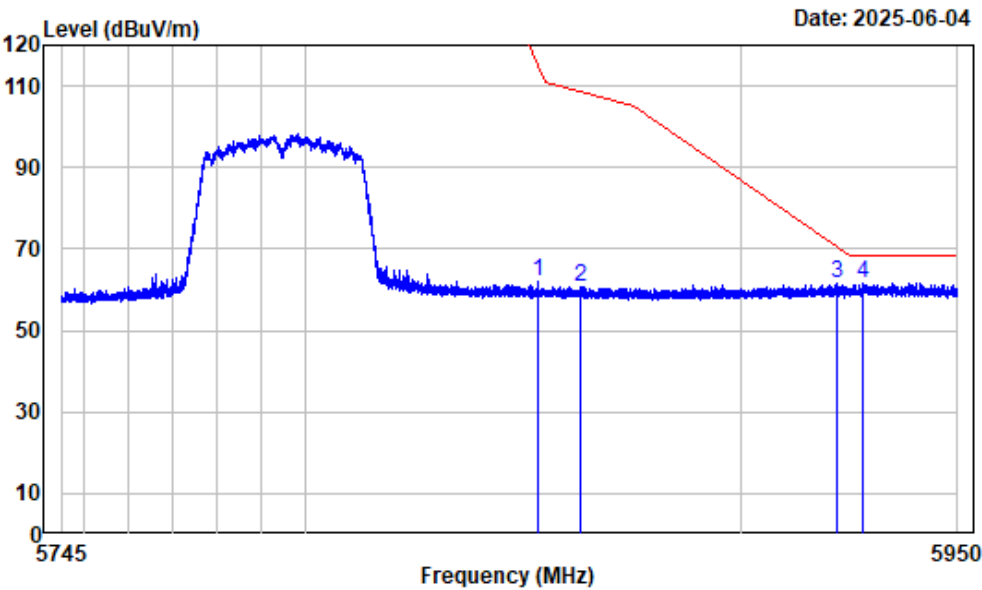


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

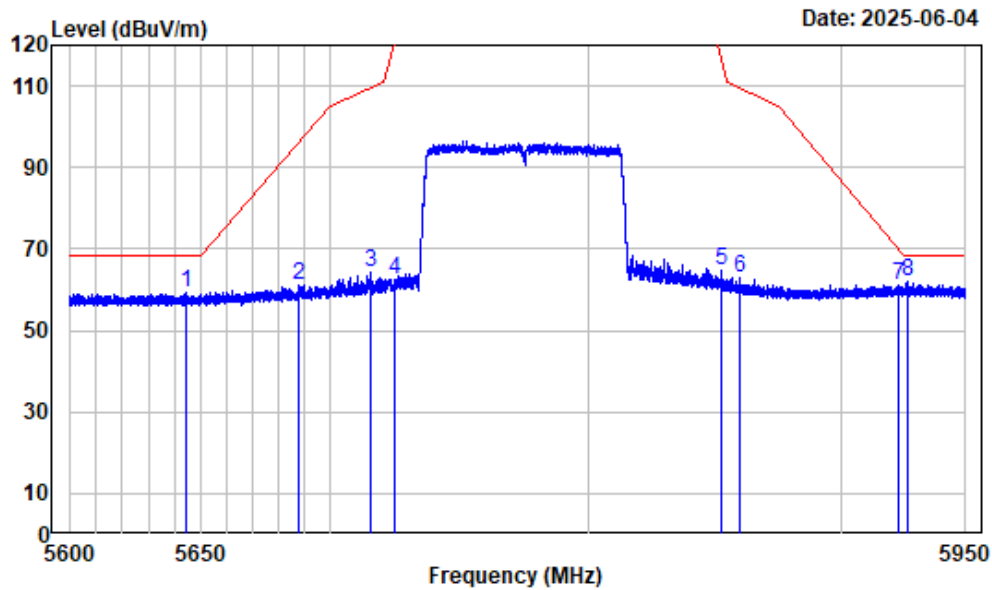|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.472	-4.68	66.07	61.39	121.12	-59.73	Peak
2	5873.348	-4.57	66.10	61.53	105.66	-44.13	Peak
3	5909.694	-4.45	66.13	61.68	79.49	-17.81	Peak
4	5943.936	-4.45	66.46	62.01	68.20	-6.19	Peak

Right Band edge_Vertical_802.11ac-VHT20_5825MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC20_ANT0&ANT1_5825

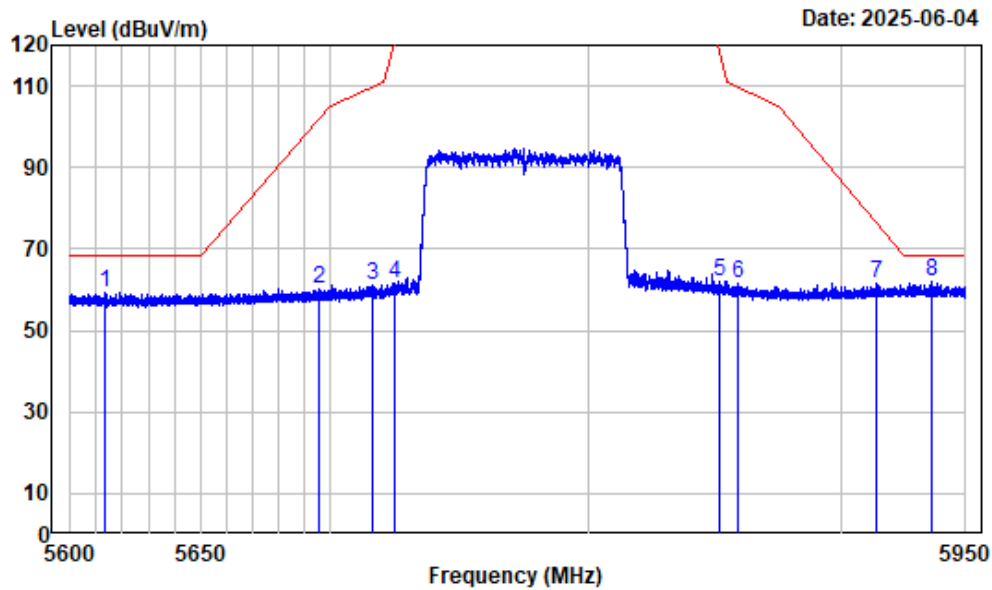|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.369	-4.68	65.91	61.23	121.36	-60.13	Peak
2	5856.516	-4.65	66.39	61.74	110.37	-48.63	Peak
3	5924.587	-4.45	66.18	61.73	68.50	-6.77	Peak
4	5933.023	-4.45	66.40	61.95	68.20	-6.25	Peak

Left Band edge_Horizontal_802.11ac-VHT40_5755MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC40_ANT0&ANT1_5755
```

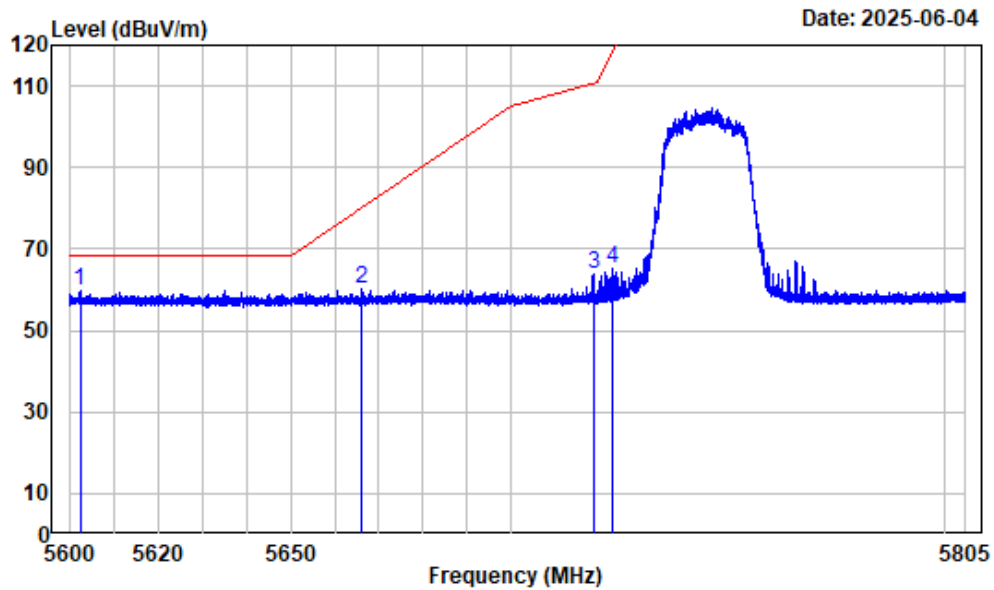|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5637.135	-5.95	65.60	59.65	68.20	-8.55	Peak
2	5694.824	-5.73	65.81	60.08	101.39	-41.31	Peak
3	5718.966	-5.54	67.64	62.10	110.51	-48.41	Peak
4	5720.863	-5.53	68.81	63.28	112.77	-49.49	Peak

Left Band edge_Vertical_802.11ac-VHT40_5755MHz
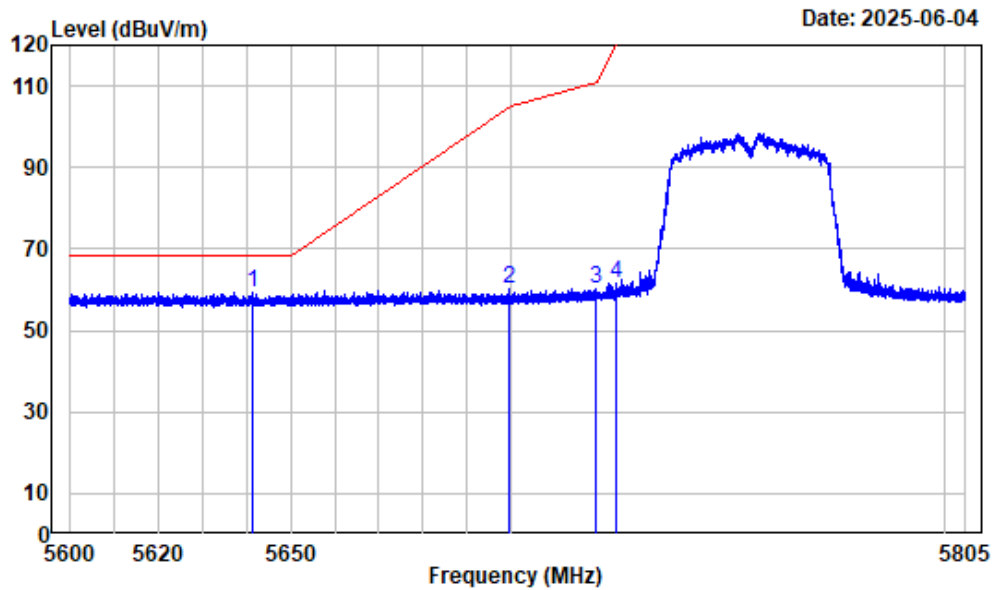
Date: 2025-06-04

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5755

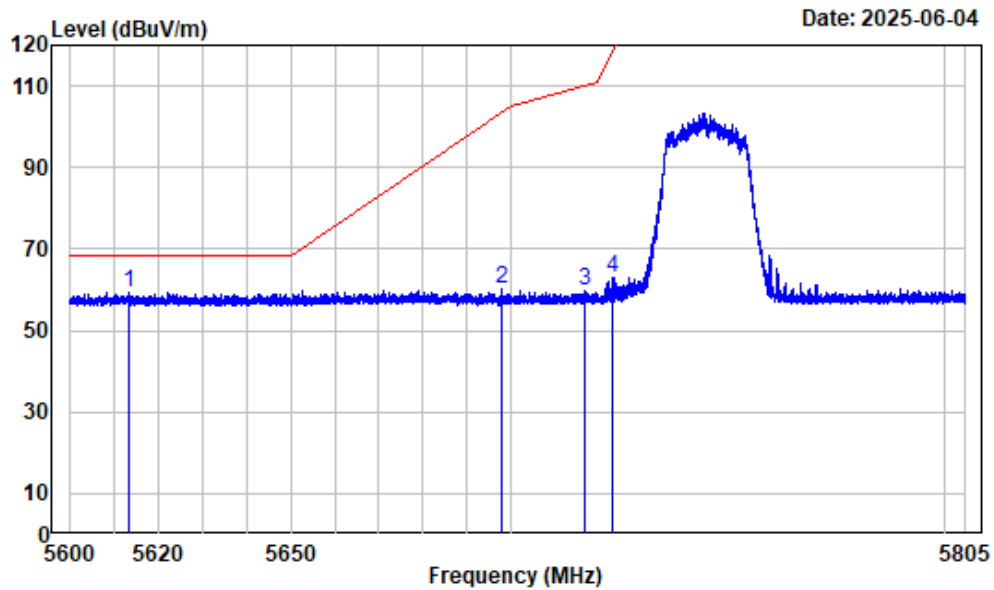|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5641.159	-5.93	65.30	59.37	68.20	-8.83	Peak
2	5699.643	-5.71	65.78	60.07	104.94	-44.87	Peak
3	5719.530	-5.54	65.80	60.26	110.67	-50.41	Peak
4	5724.374	-5.49	67.04	61.55	120.77	-59.22	Peak

Right Band edge_Horizontal_802.11ac-VHT40_5795MHz
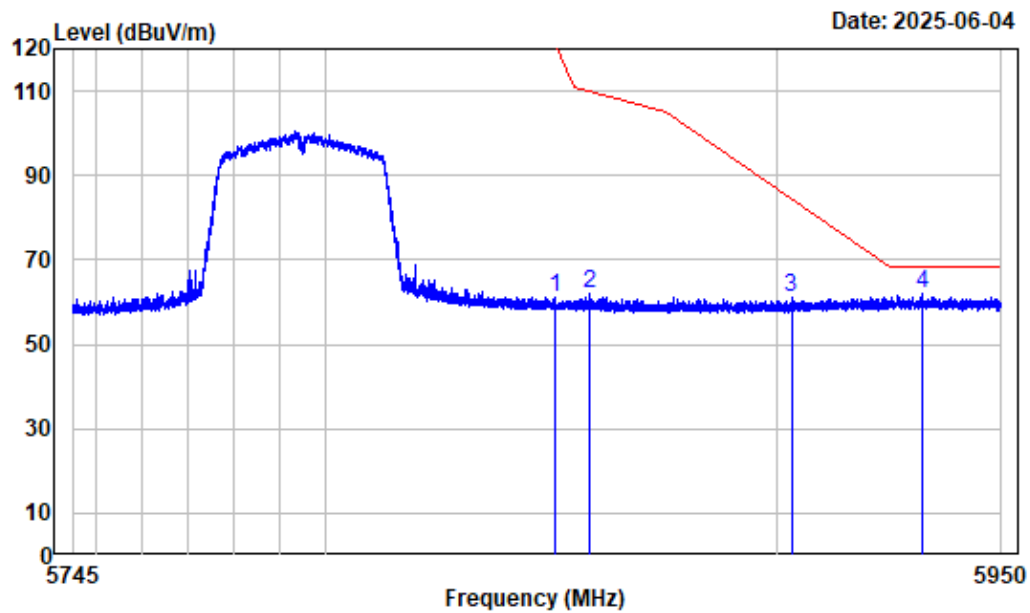

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC40_ANT0&ANT1_5795
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.716	-4.68	65.80	61.12	120.57	-59.45	Peak
2	5858.226	-4.65	66.83	62.18	109.90	-47.72	Peak
3	5903.023	-4.46	65.71	61.25	84.42	-23.17	Peak
4	5932.445	-4.44	66.28	61.84	68.20	-6.36	Peak

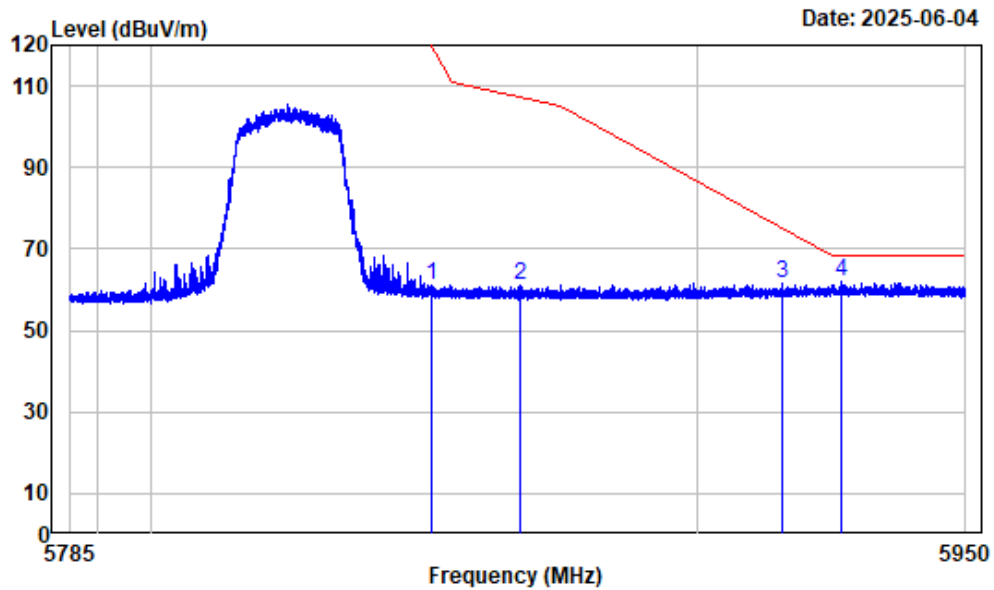Right Band edge_Vertical_802.11ac-VHT40_5795MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5795

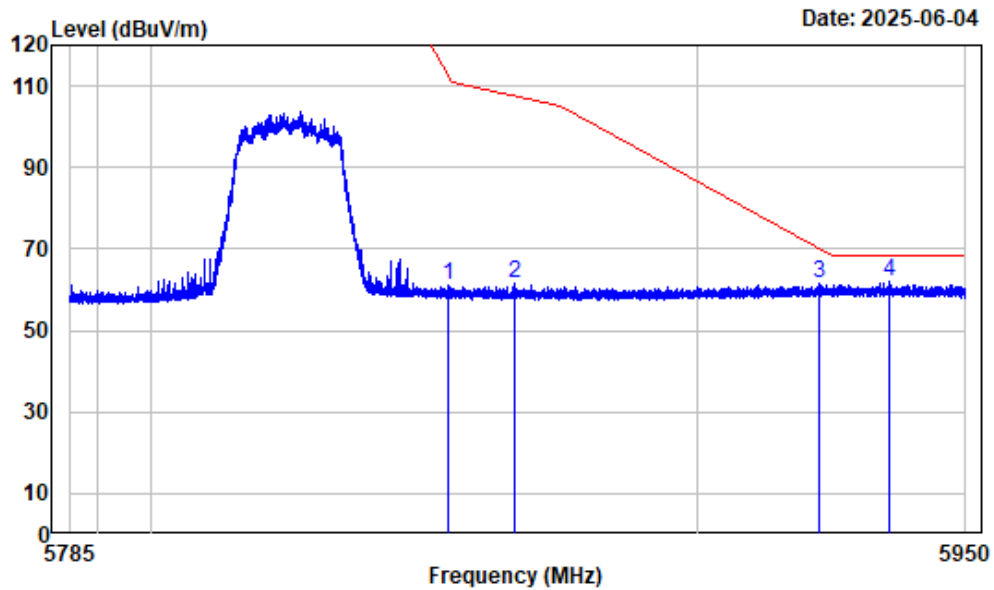|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5852.972	-4.66	66.52	61.86	115.42	-53.56	Peak
2	5862.813	-4.62	65.38	60.76	108.61	-47.85	Peak
3	5922.091	-4.45	65.88	61.43	70.34	-8.91	Peak
4	5927.934	-4.45	66.18	61.73	68.20	-6.47	Peak

Band edge_Horizontal_802.11ac-VHT80_5775MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC80_ANT0&ANT1_5775

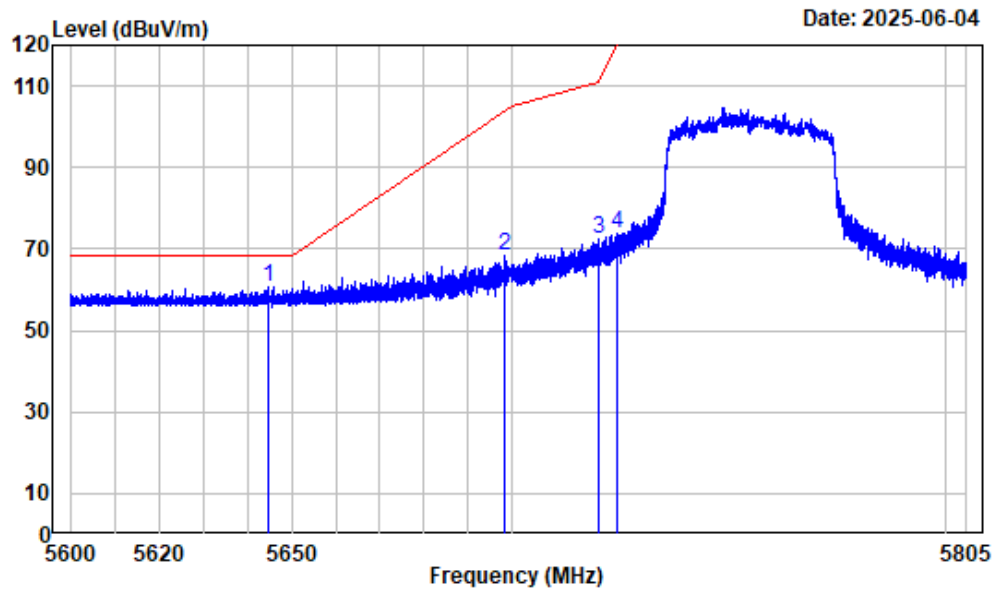|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5644.762	-5.90	65.29	59.39	68.20	-8.81	Peak
2	5687.686	-5.75	67.01	61.26	96.12	-34.86	Peak
3	5715.252	-5.57	69.90	64.33	109.47	-45.14	Peak
4	5724.878	-5.49	68.18	62.69	121.92	-59.23	Peak
5	5852.469	-4.66	69.31	64.65	116.57	-51.92	Peak
6	5859.688	-4.63	67.44	62.81	109.49	-46.68	Peak
7	5923.178	-4.46	65.50	61.04	69.54	-8.50	Peak
8	5926.985	-4.45	66.35	61.90	68.20	-6.30	Peak

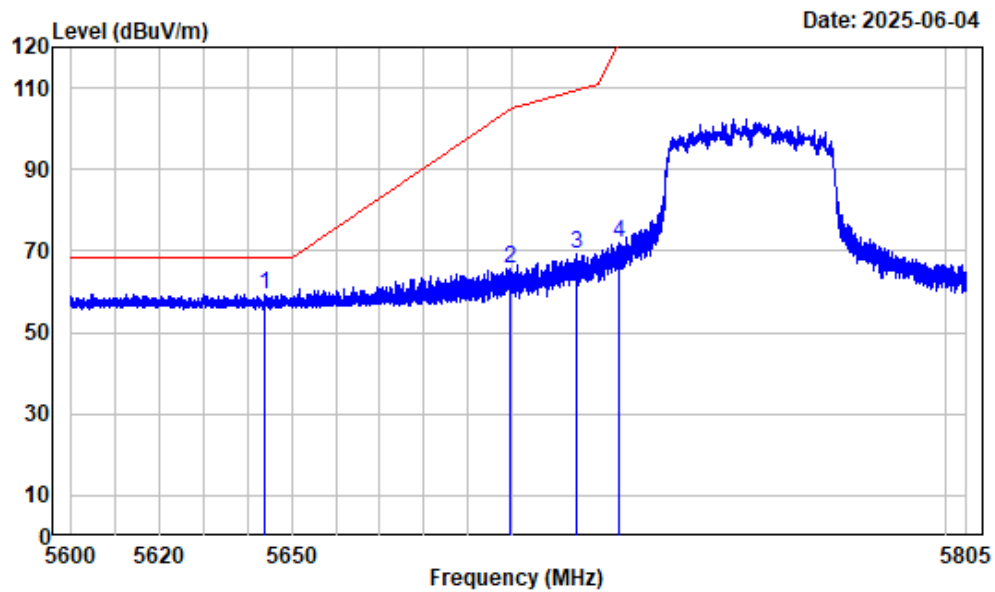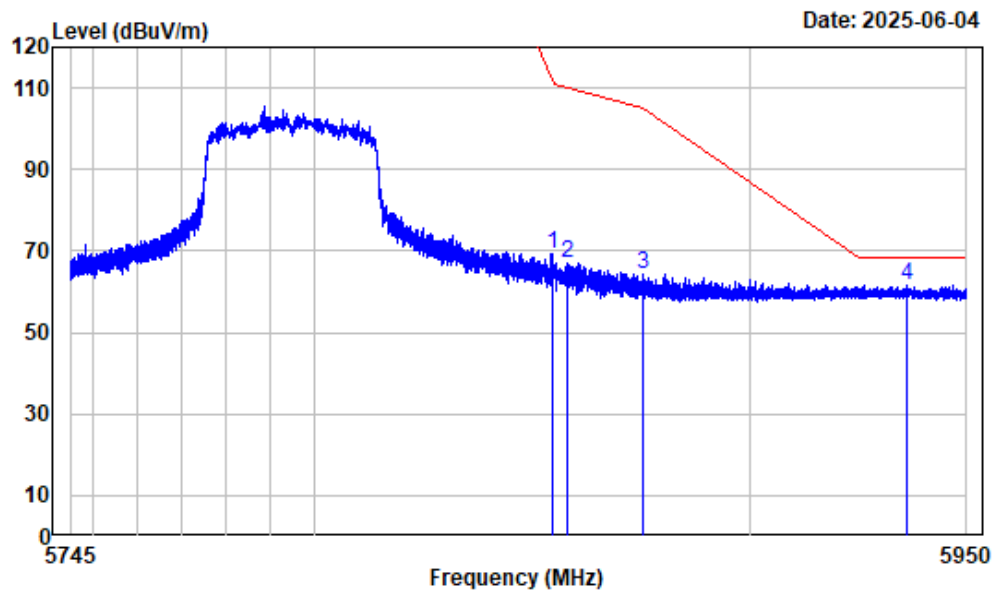Band edge_Vertical_802.11ac-VHT80_5775MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC80_ANT0&ANT1_5775

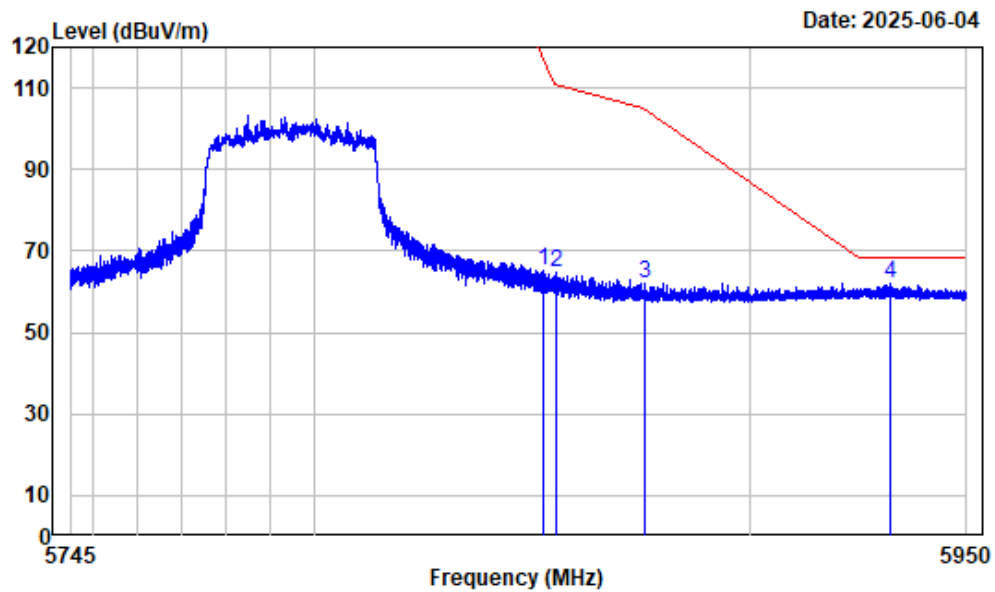|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5613.739	-6.11	65.24	59.13	68.20	-9.07	Peak
2	5695.299	-5.73	65.99	60.26	101.74	-41.48	Peak
3	5716.302	-5.57	66.83	61.26	109.77	-48.51	Peak
4	5724.878	-5.49	67.25	61.76	121.92	-60.16	Peak
5	5851.550	-4.66	66.79	62.13	118.66	-56.53	Peak
6	5859.295	-4.63	66.07	61.44	109.60	-48.16	Peak
7	5913.989	-4.46	66.21	61.75	76.32	-14.57	Peak
8	5936.348	-4.45	66.38	61.93	68.20	-6.27	Peak

Left Band edge_Horizontal_802.11ax-HE20_5745MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5745
```

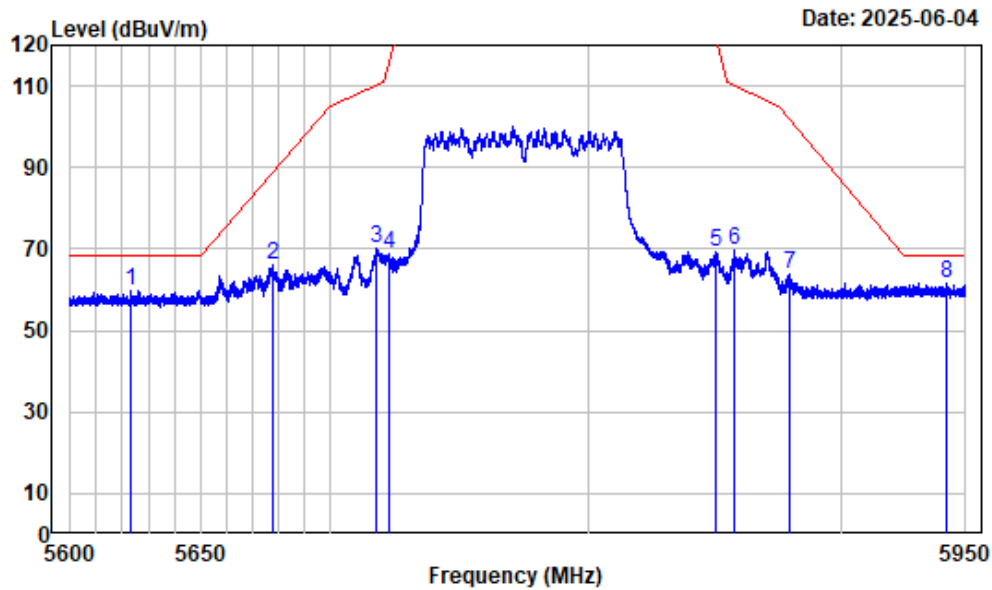|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5602.409	-6.20	66.03	59.83	68.20	-8.37	Peak
2	5666.069	-5.82	66.11	60.29	80.13	-19.84	Peak
3	5719.043	-5.54	69.51	63.97	110.53	-46.56	Peak
4	5723.554	-5.49	70.58	65.09	118.90	-53.81	Peak

Left Band edge_Vertical_802.11ax-HE20_5745MHz

Condition　　　　　: Vertical
Project No.　　　　: 2501P42038E-RF
Tester　　　　　　 : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note　　　　　　　 : 5GWiFi_B4_AX20_ANT0&ANT1_5745

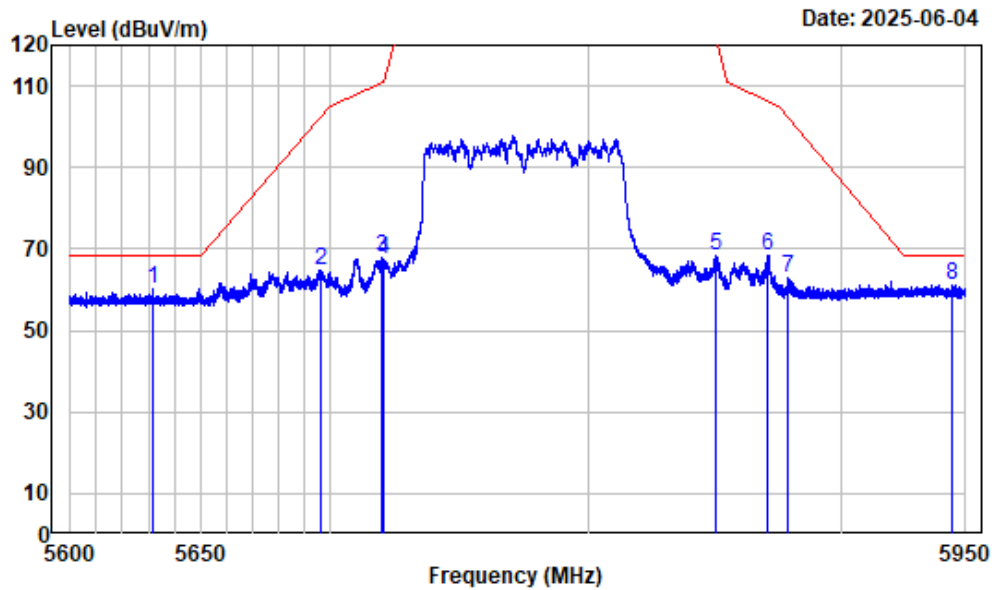|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5613.429	-6.11	65.32	59.21	68.20	-8.99	Peak
2	5698.156	-5.73	66.17	60.44	103.84	-43.40	Peak
3	5717.044	-5.56	65.33	59.77	109.97	-50.20	Peak
4	5723.477	-5.49	68.65	63.16	118.73	-55.57	Peak

Right Band edge_Horizontal_802.11ax-HE20_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5851.049	-4.68	65.94	61.26	119.81	-58.55	Peak
2	5867.407	-4.60	65.53	60.93	107.32	-46.39	Peak
3	5915.923	-4.46	65.93	61.47	74.89	-13.42	Peak
4	5926.753	-4.45	66.40	61.95	68.20	-6.25	Peak

Right Band edge_Vertical_802.11ax-HE20_5825MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX20_ANT0&ANT1_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5854.185	-4.65	65.60	60.95	112.66	-51.71	Peak
2	5866.334	-4.60	66.24	61.64	107.62	-45.98	Peak
3	5922.709	-4.46	66.08	61.62	69.89	-8.27	Peak
4	5935.747	-4.45	66.65	62.20	68.20	-6.00	Peak

Left Band edge_Horizontal_802.11ax-HE40_5755MHz
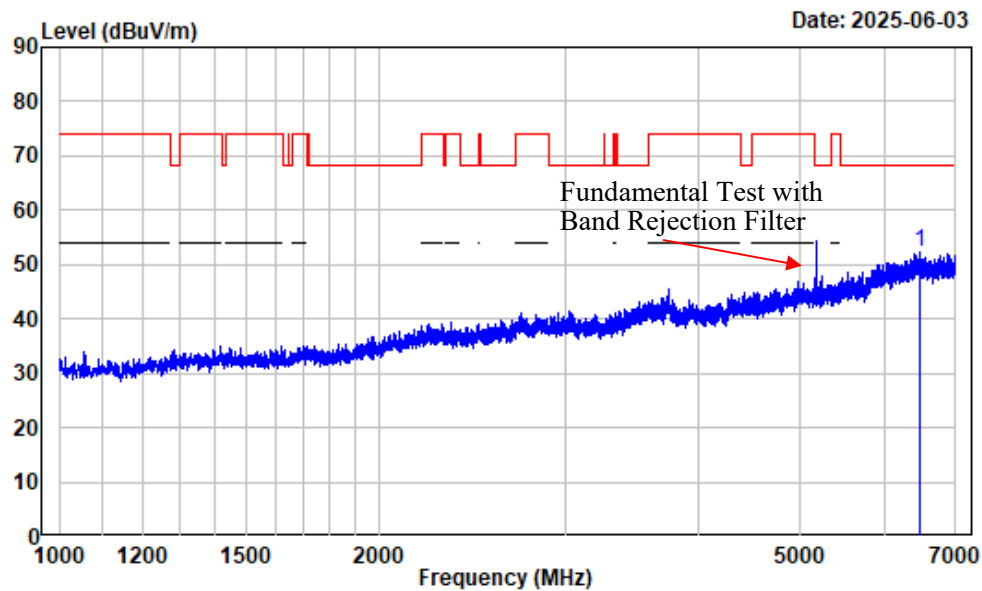


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX40_ANT0&ANT1_5755
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5644.542	-5.90	66.79	60.89	68.20	-7.31	Peak
2	5698.258	-5.73	74.21	68.48	103.92	-35.44	Peak
3	5719.812	-5.54	77.82	72.28	110.75	-38.47	Peak
4	5724.143	-5.49	79.42	73.93	120.25	-46.32	Peak

Left Band edge_Vertical_802.11ax-HE40_5755MHz


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_AX40_ANT0&ANT1_5755
```

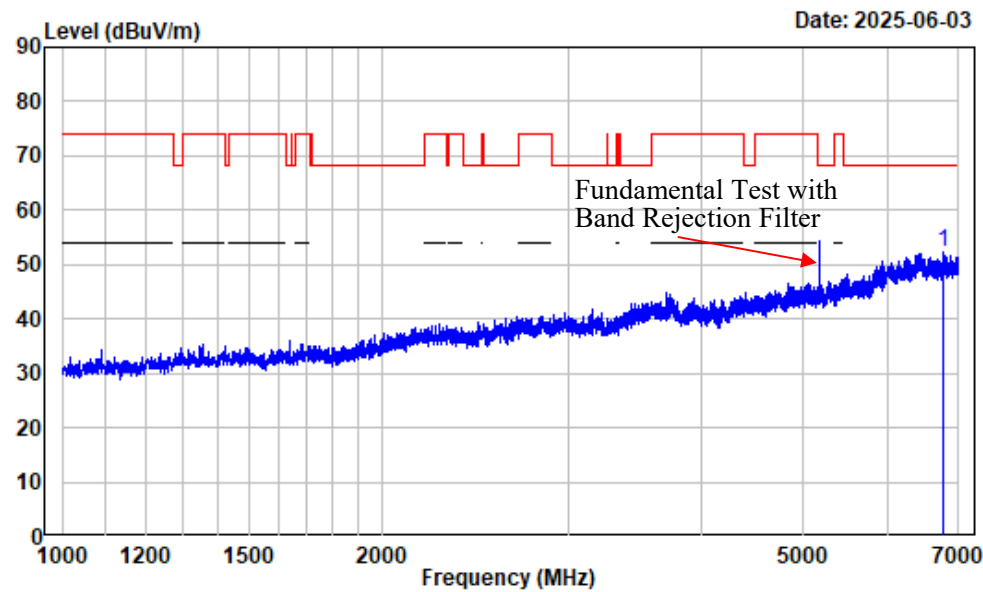|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5643.952	-5.91	65.35	59.44	68.20	-8.76	Peak
2	5699.822	-5.71	71.44	65.73	105.07	-39.34	Peak
3	5714.814	-5.57	74.81	69.24	109.35	-40.11	Peak
4	5724.553	-5.49	77.71	72.22	121.18	-48.96	Peak

Right Band edge_Horizontal_802.11ax-HE40_5795MHz


```
Condition       : Horizontal
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_AX40_ANT0&ANT1_5795
```

```
                  Read          Limit  Over
          Freq Factor Level Level Line  Limit Remark

           MHz   dB/m   dBuV dBuV/m dBuV/m   dB
  1  5854.228  -4.65  74.07  69.42 112.56 -43.14 Peak
  2  5857.867  -4.65  71.62  66.97 110.00 -43.03 Peak
  3  5875.217  -4.57  68.91  64.34 105.04 -40.70 Peak
  4  5936.109  -4.45  65.98  61.53  68.20  -6.67 Peak
```

Right Band edge_Vertical_802.11ax-HE40_5795MHz

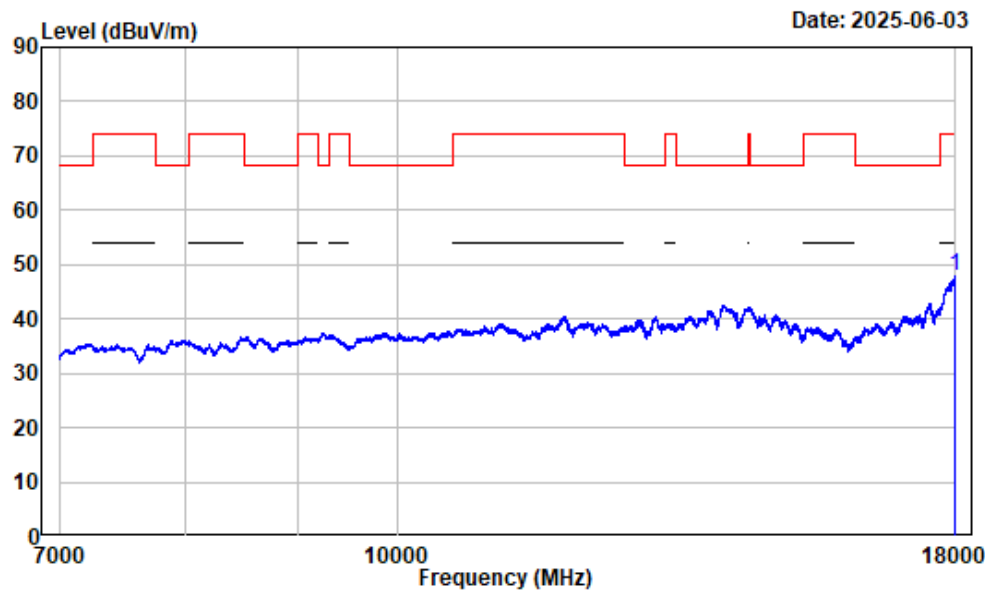

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX40_ANT0&ANT1_5795

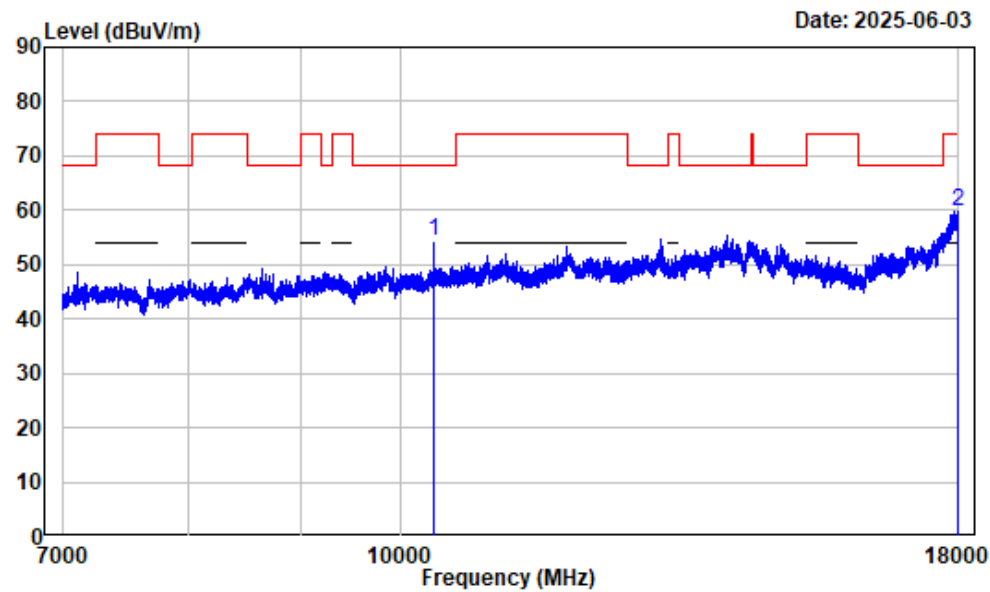|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5852.305	-4.66	69.98	65.32	116.94	-51.62	Peak
2	5855.252	-4.66	69.43	64.77	110.73	-45.96	Peak
3	5875.499	-4.57	66.78	62.21	104.83	-42.62	Peak
4	5932.342	-4.44	66.43	61.99	68.20	-6.21	Peak

Band edge_Horizontal_802.11ax-HE80_5775MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX80_ANT0&ANT1_5775

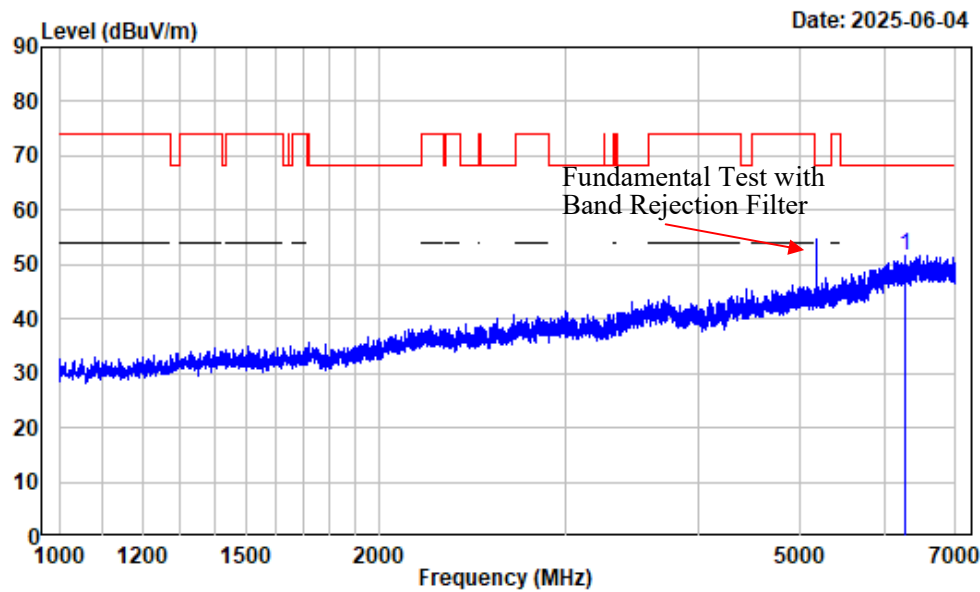|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5623.628	-6.05	65.90	59.85	68.20	-8.35	Peak
2	5677.666	-5.78	71.92	66.14	88.71	-22.57	Peak
3	5717.790	-5.55	75.56	70.01	110.18	-40.17	Peak
4	5722.296	-5.51	74.13	68.62	116.04	-47.42	Peak
5	5850.369	-4.68	74.11	69.43	121.36	-51.93	Peak
6	5857.676	-4.65	74.27	69.62	110.05	-40.43	Peak
7	5879.947	-4.55	68.51	63.96	101.53	-37.57	Peak
8	5942.255	-4.44	65.89	61.45	68.20	-6.75	Peak

Band edge_Vertical_802.11ax-HE80_5775MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX80_ANT0&ANT1_5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5631.810	-6.00	66.22	60.22	68.20	-7.98	Peak
2	5696.262	-5.72	70.49	64.77	102.45	-37.68	Peak
3	5719.802	-5.54	73.29	67.75	110.74	-42.99	Peak
4	5720.371	-5.53	72.95	67.42	111.65	-44.23	Peak
5	5850.281	-4.68	73.24	68.56	121.56	-53.00	Peak
6	5871.021	-4.59	72.88	68.29	106.31	-38.02	Peak
7	5879.160	-4.55	67.57	63.02	102.11	-39.09	Peak
8	5944.355	-4.45	65.71	61.26	68.20	-6.94	Peak

1-18GHz (Listed with the worst harmonic margin test plot)
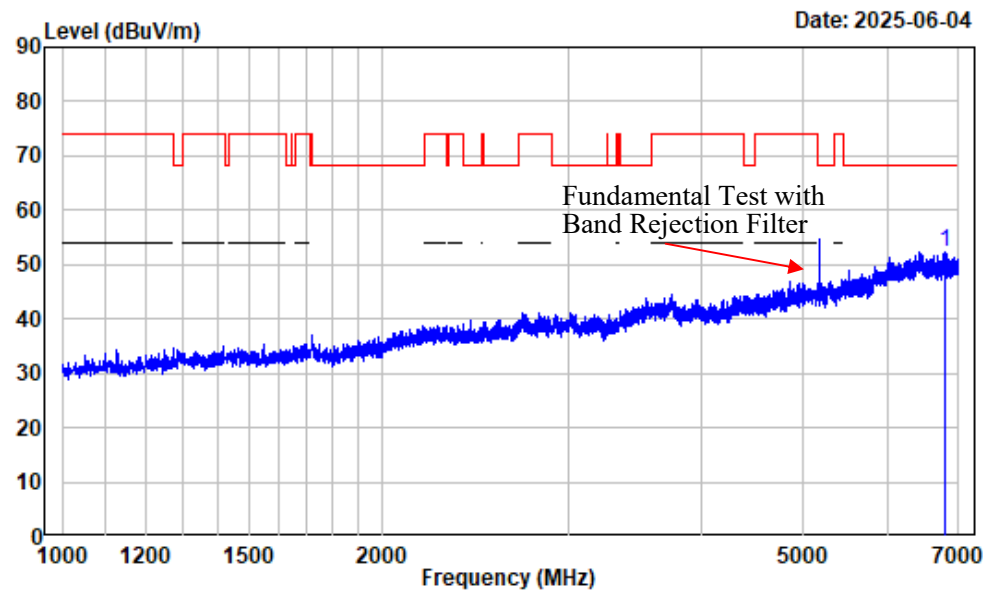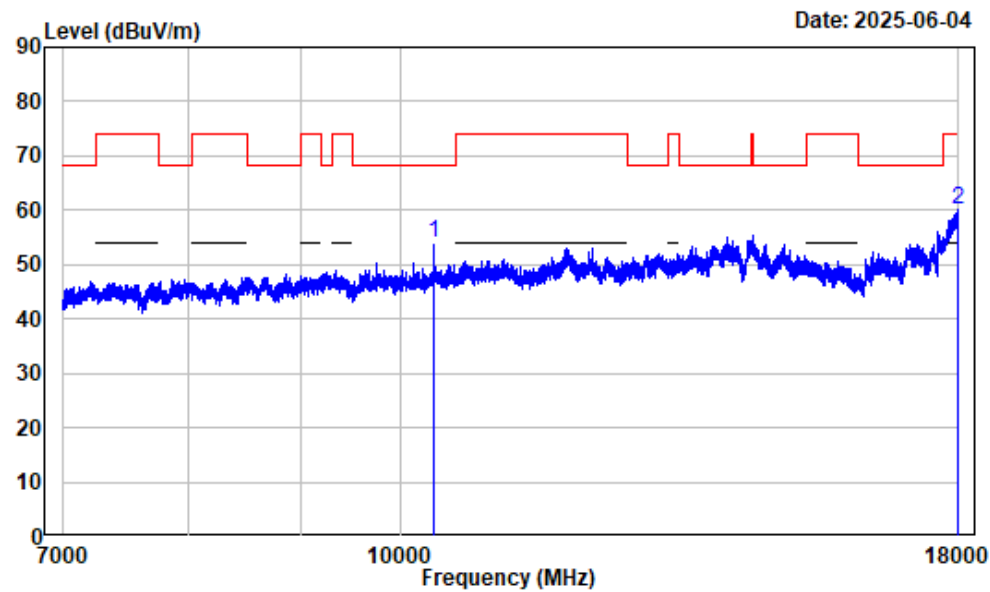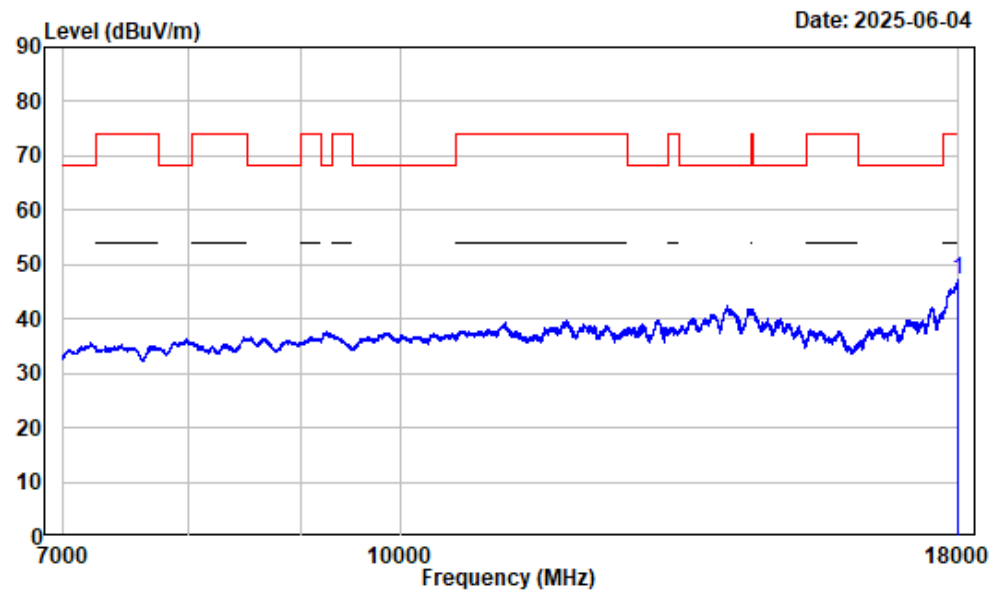
1-7GHz_Horizontal_802.11a_5180MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6487.686	-2.93	55.18	52.25	68.20	-15.95	Peak

1-7GHz_Vertical_802.11a_5180MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_A_ANT0&ANT1_5180

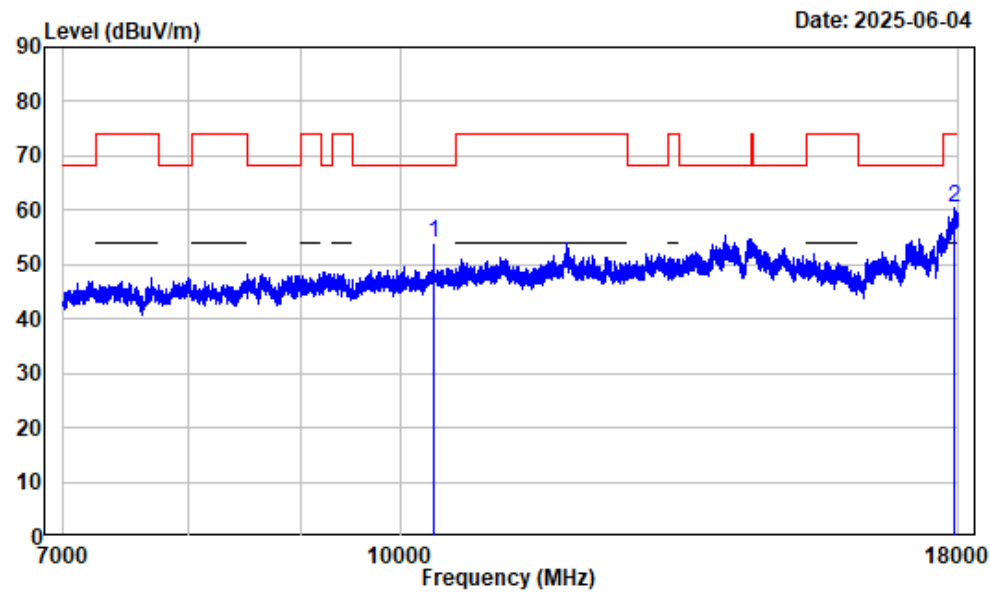|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6780.973	-3.30	55.52	52.22	68.20	-15.98	Peak
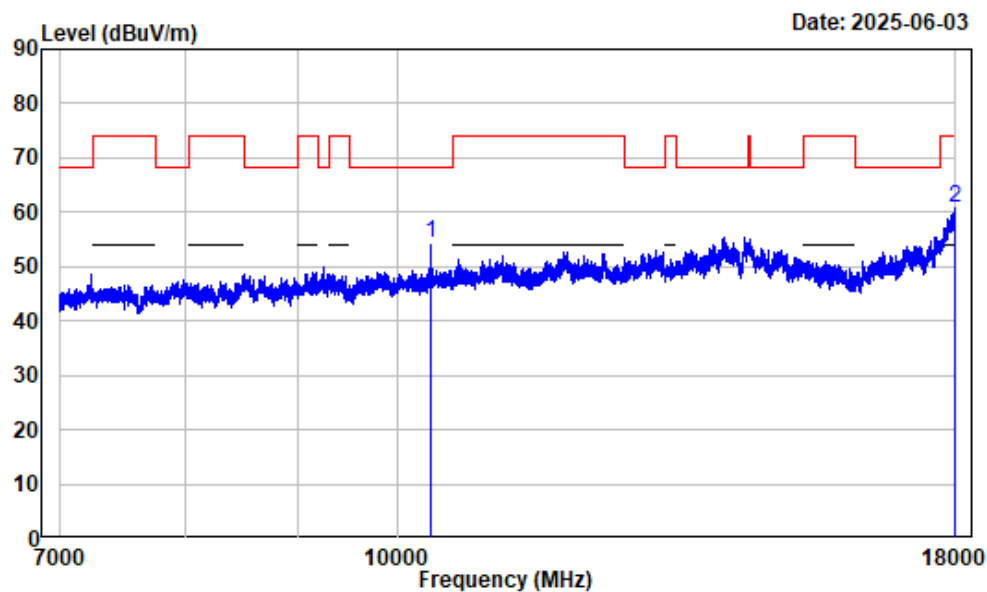
7-18GHz_Horizontal_Peak_802.11a_5180MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```
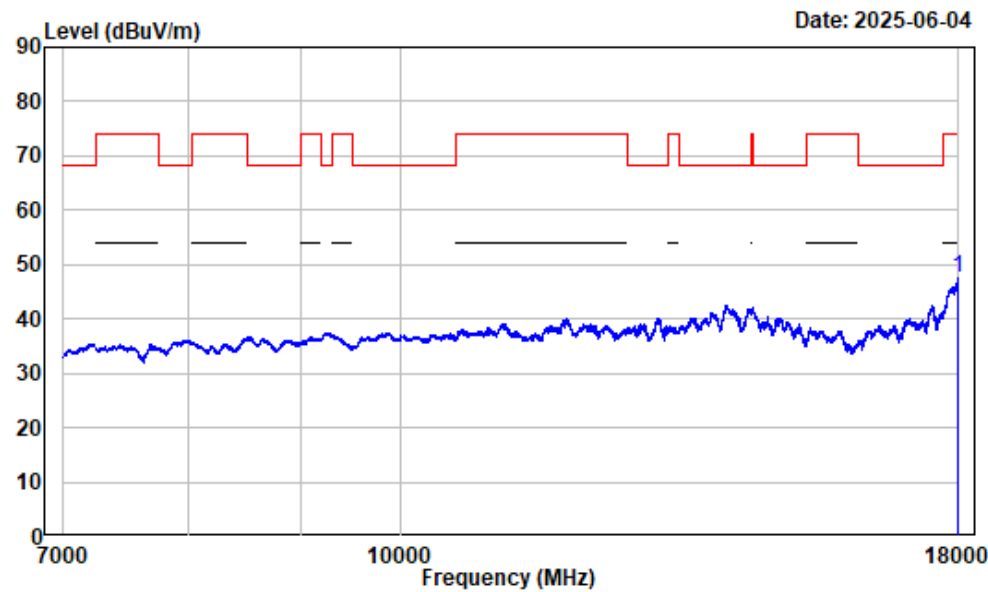
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.81	54.34	68.20	-13.86	Peak
2	17982.120	13.10	47.68	60.78	74.00	-13.22	Peak

7-18GHz_Horizontal_Average_802.11a_5180MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```

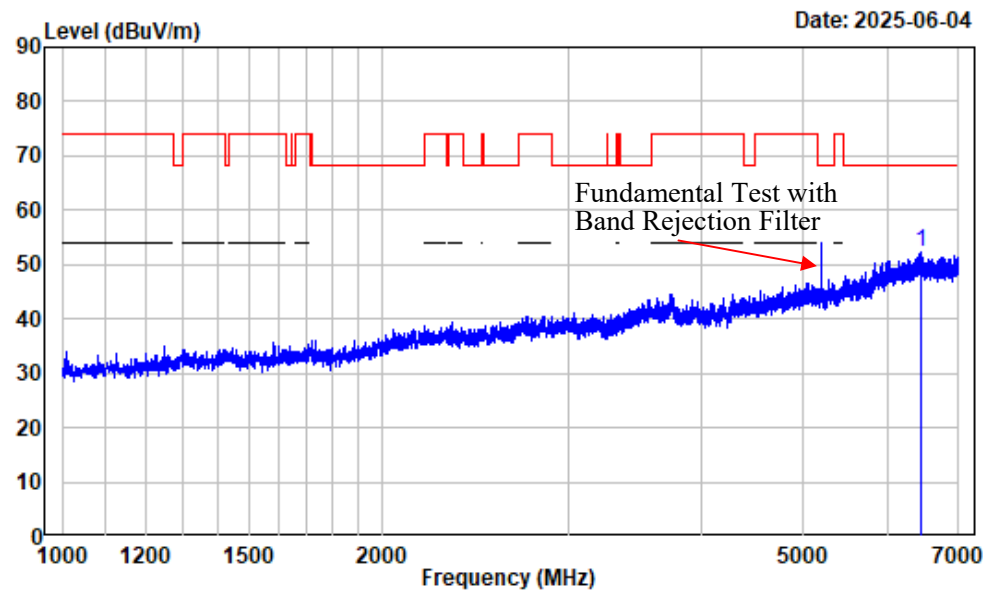|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17986.250	13.12	34.79	47.91	54.00	-6.09	Average

7-18GHz_Vertical_Peak_802.11a_5180MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_A_ANT0&ANT1_5180

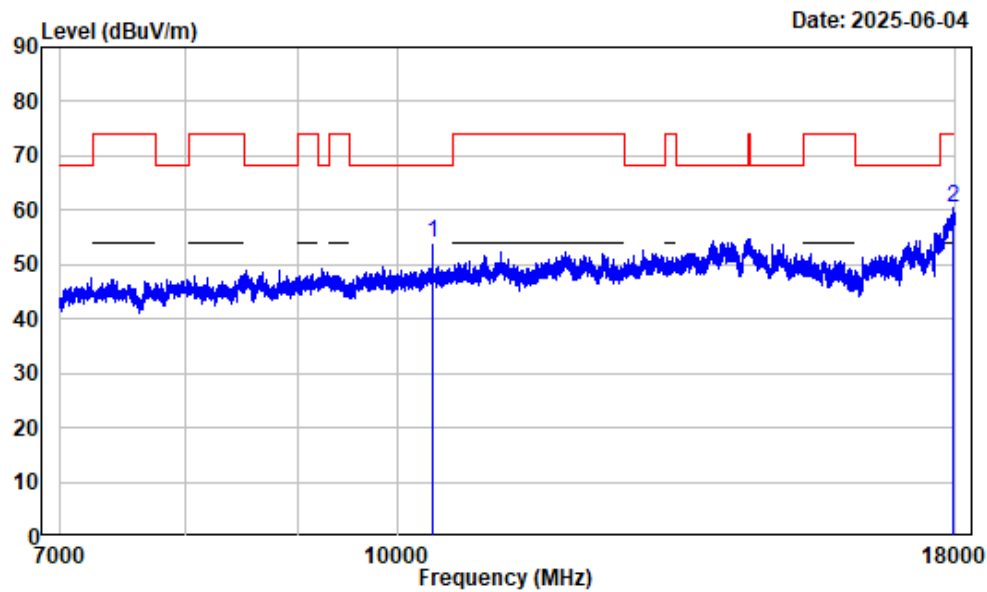|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.67	54.20	68.20	-14.00	Peak
2	17995.880	13.18	46.70	59.88	74.00	-14.12	Peak

7-18GHz_Vertical_Average_802.11a_5180MHz
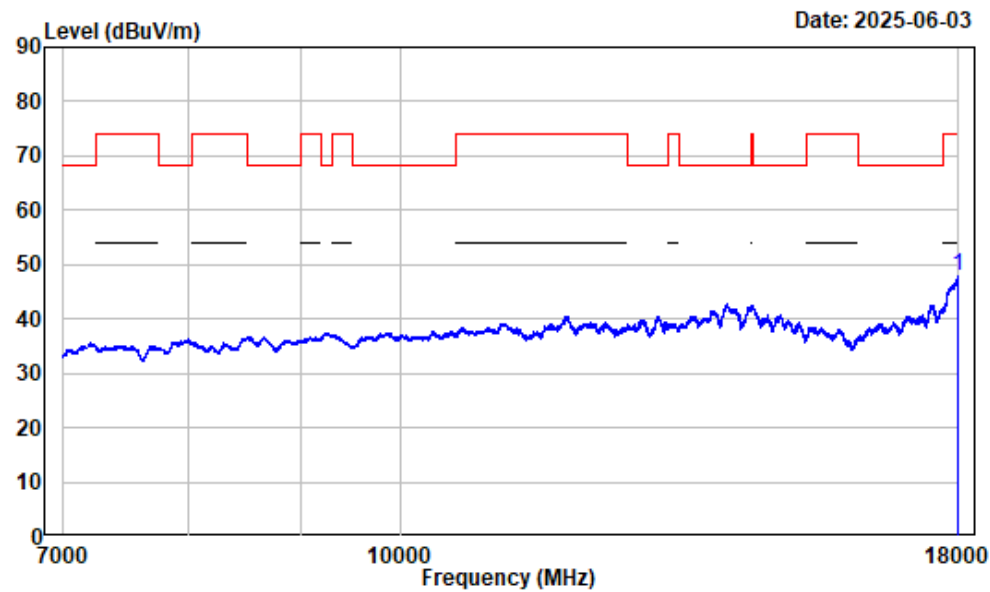

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_A_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17991.750	13.16	34.69	47.85	54.00	-6.15	Average

1-7GHz_Horizontal_802.11ac-VHT20_5180MHz

Date: 2025-06-04

Fundamental Test with
Band Rejection Filter

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6264.908	-3.77	55.40	51.63	68.20	-16.57	Peak

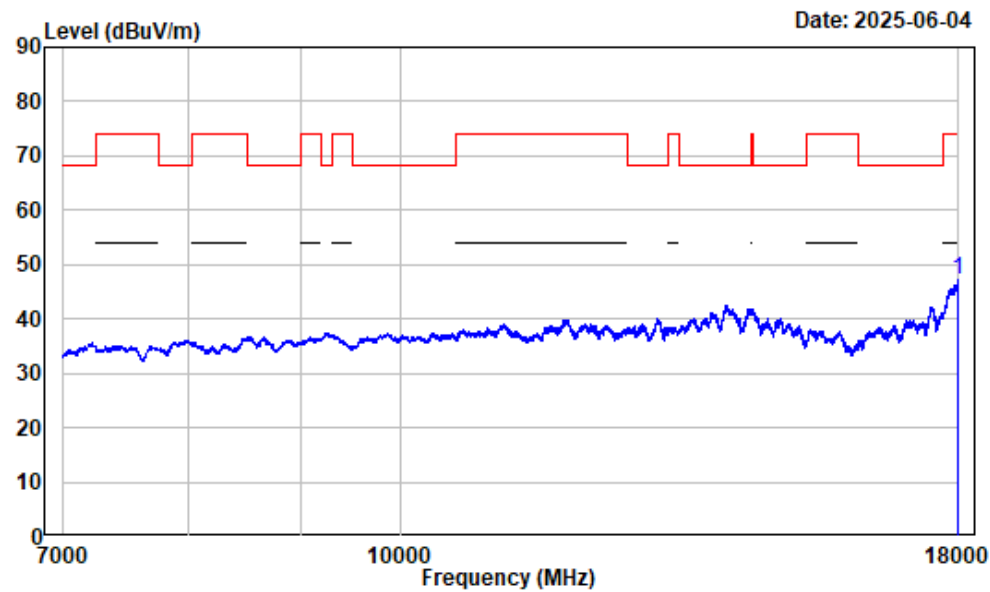## 1-7GHz_Vertical_802.11ac-VHT20_5180MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6809.476	-3.31	55.45	52.14	68.20	-16.06	Peak

7-18GHz_Horizontal_Peak_802.11ac-VHT20_5180MHz

Date: 2025-06-04


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

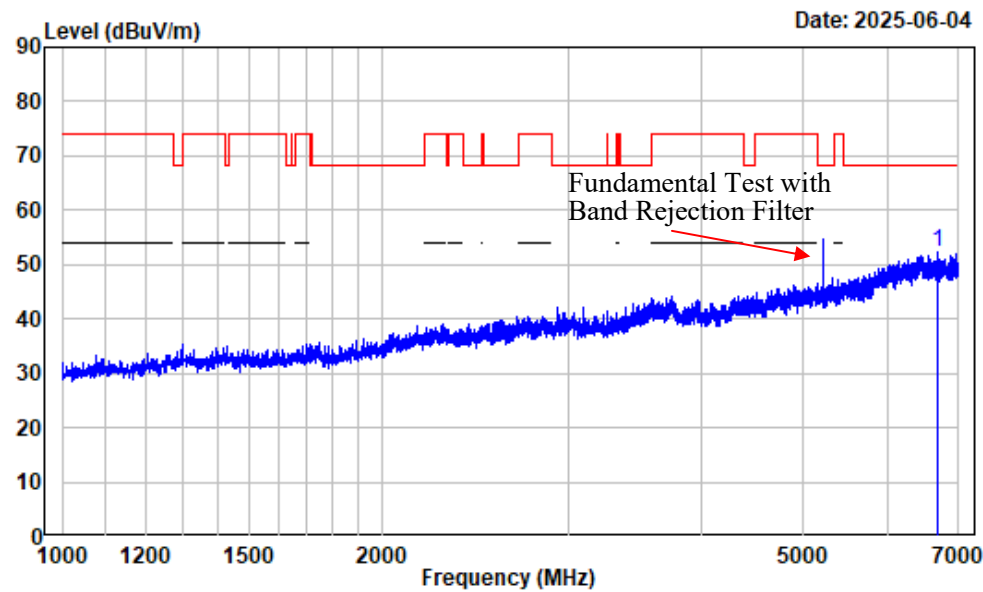|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.56	54.09	68.20	-14.11	Peak
2	17979.370	13.10	46.99	60.09	74.00	-13.91	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT20_5180MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17995.880	13.18	33.96	47.14	54.00	-6.86	Average

7-18GHz_Vertical_Peak_802.11ac-VHT20_5180MHz

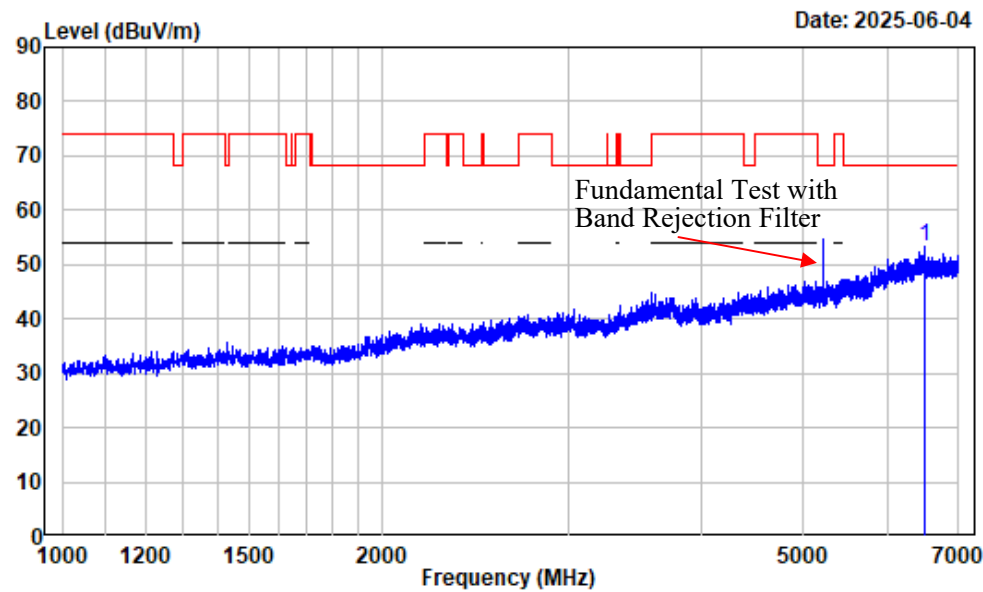
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC20_ANT0&ANT1_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.52	54.05	68.20	-14.15	Peak
2	17920.240	12.80	47.58	60.38	74.00	-13.62	Peak

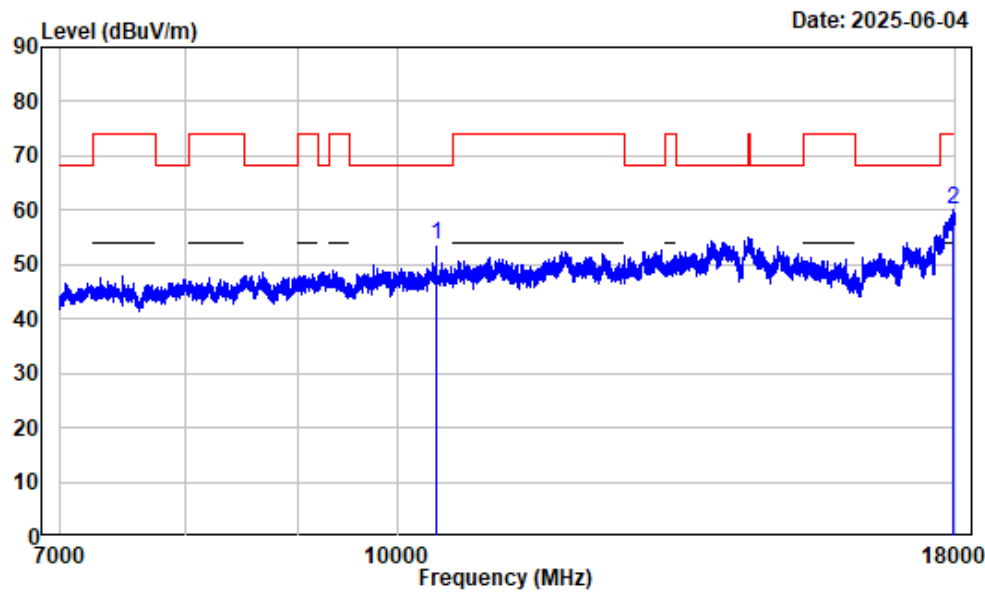## 7-18GHz_Vertical_Average_802.11ac-VHT20_5180MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC20_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	34.25	47.44	54.00	-6.56	Average

1-7GHz_Horizontal_802.11ac-VHT40_5190MHz

Date: 2025-06-04

Fundamental Test with
Band Rejection Filter

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC40_ANT0&ANT1_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6450.181	-2.87	55.06	52.19	68.20	-16.01	Peak

1-7GHz_Vertical_802.11ac-VHT40_5190MHz
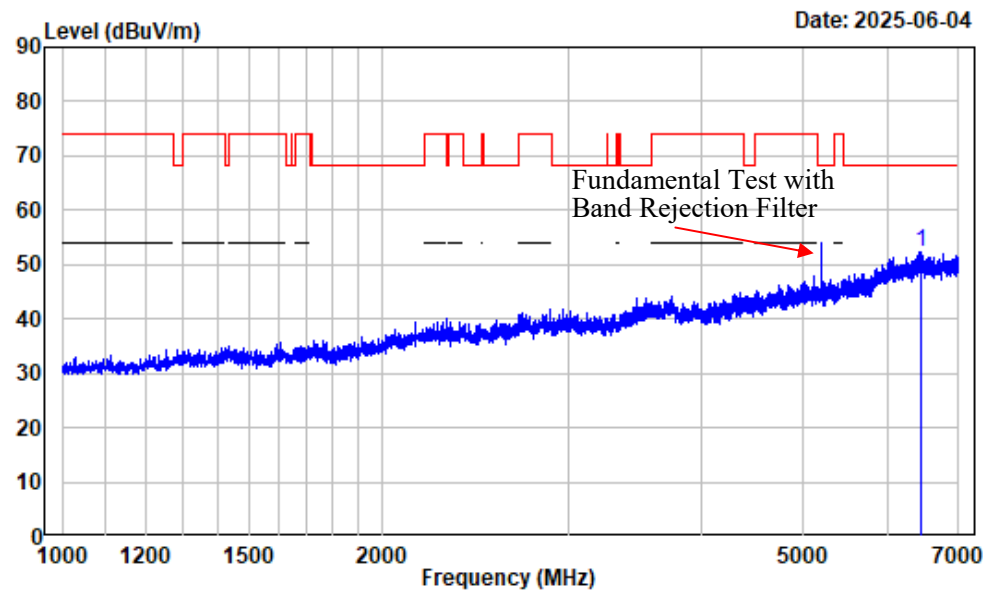
Date: 2025-06-04

Fundamental Test with
Band Rejection Filter

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6459.933	-2.89	55.17	52.28	68.20	-15.92	Peak

7-18GHz_Horizontal_Peak_802.11ac-VHT40_5190MHz

Date: 2025-06-04


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

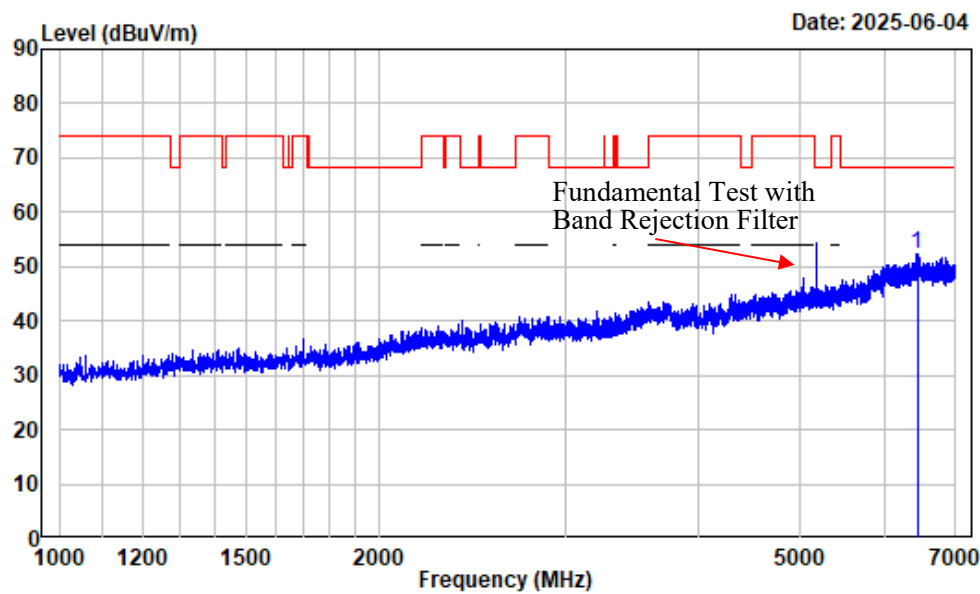|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10380.000	2.54	51.55	54.09	68.20	-14.11	Peak
2	17971.120	13.06	47.49	60.55	74.00	-13.45	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT40_5190MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

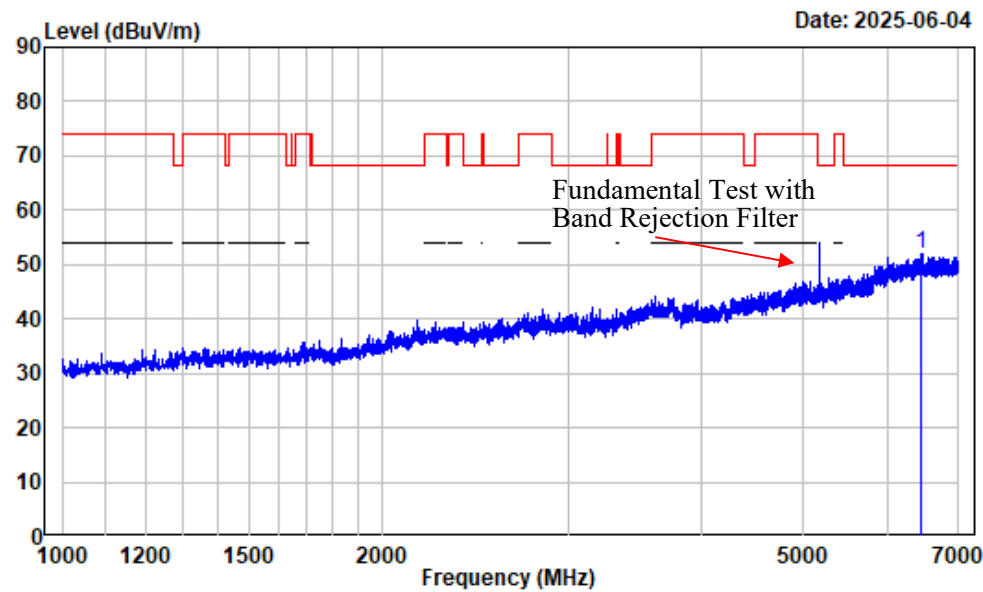|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	34.08	47.27	54.00	-6.73	Average

7-18GHz_Vertical_Peak_802.11ac-VHT40_5190MHz
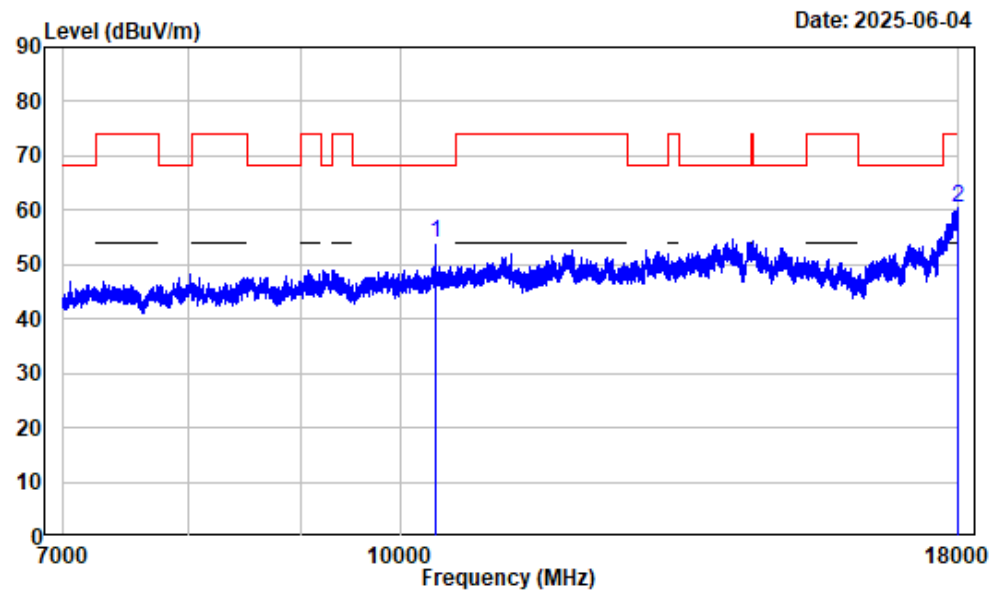

```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

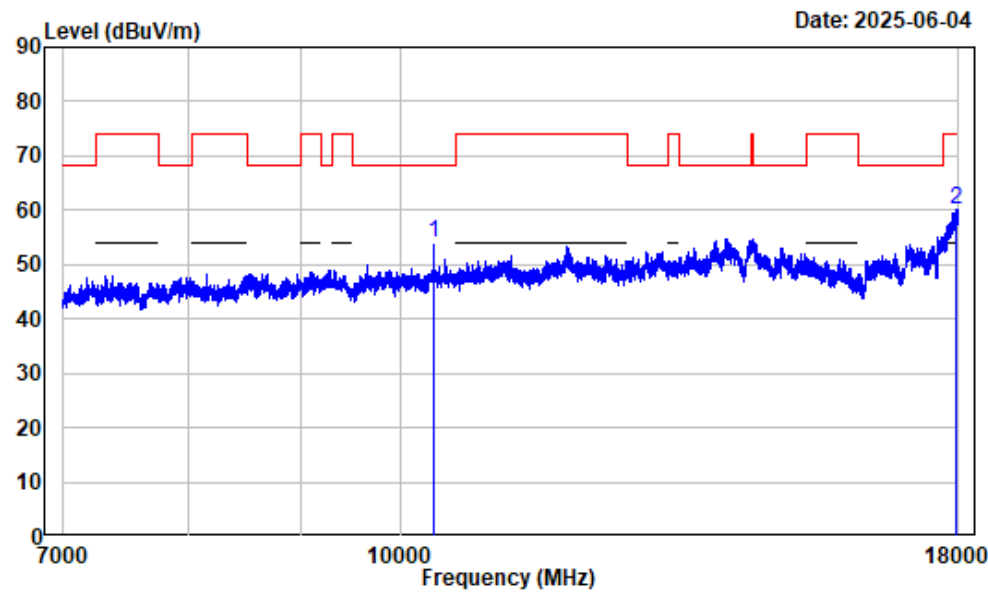|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10380.000	2.54	51.42	53.96	68.20	-14.24	Peak
2	17983.500	13.11	47.27	60.38	74.00	-13.62	Peak
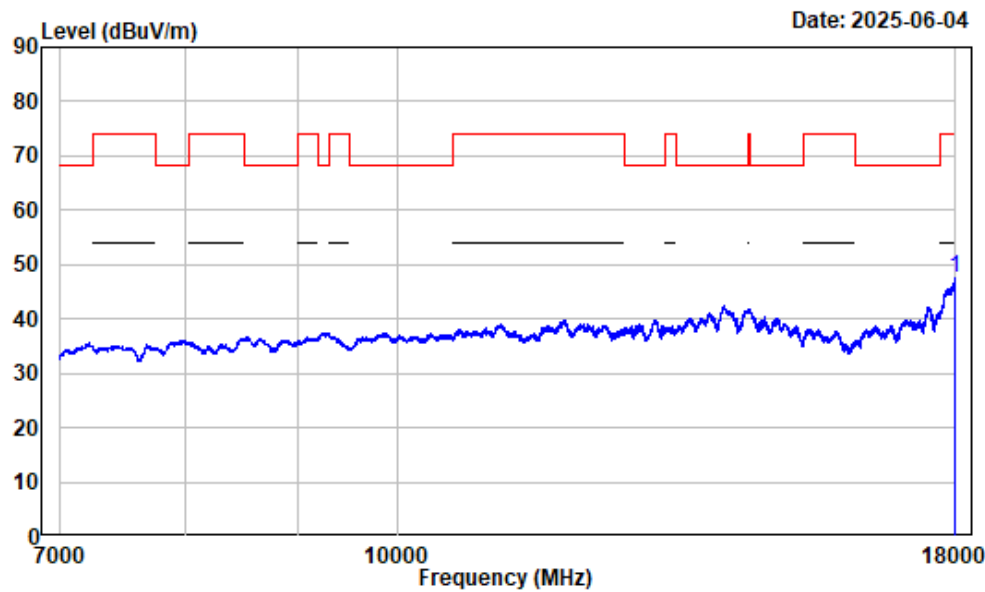
7-18GHz_Vertical_Average_802.11ac-VHT40_5190MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC40_ANT0&ANT1_5190
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	34.21	47.40	54.00	-6.60	Average

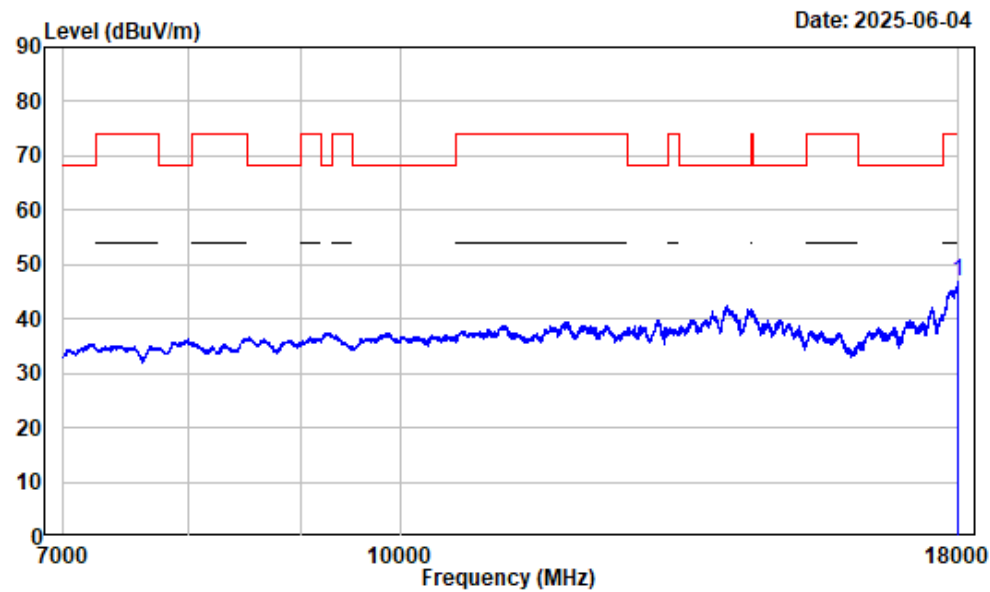## 1-7GHz_Horizontal_802.11ac-VHT80_5210MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC80_ANT0&ANT1_5210

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6683.460	-3.22	55.51	52.29	68.20	-15.91	Peak

1-7GHz_Vertical_802.11ac-VHT80_5210MHz


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B1_AC80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6499.688	-2.95	56.26	53.31	68.20	-14.89	Peak

7-18GHz_Horizontal_Peak_802.11ac-VHT80_5210MHz

Date: 2025-06-04

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC80_ANT0&ANT1_5210

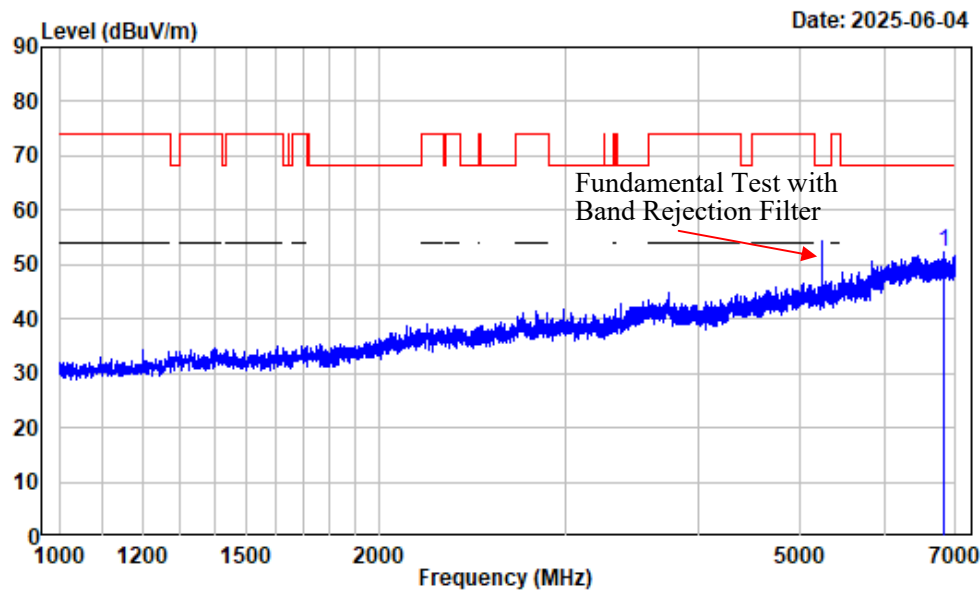|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10420.000	2.48	51.29	53.77	68.20	-14.43	Peak
2	17947.740	12.94	47.11	60.05	74.00	-13.95	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT80_5210MHz
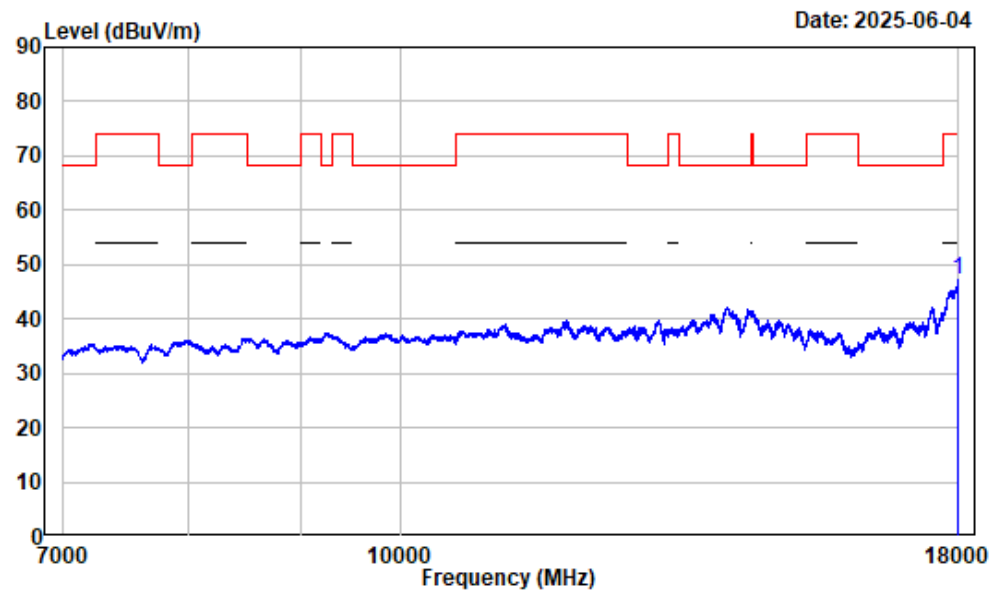

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.93	47.12	54.00	-6.88	Average

7-18GHz_Vertical_Peak_802.11ac-VHT80_5210MHz
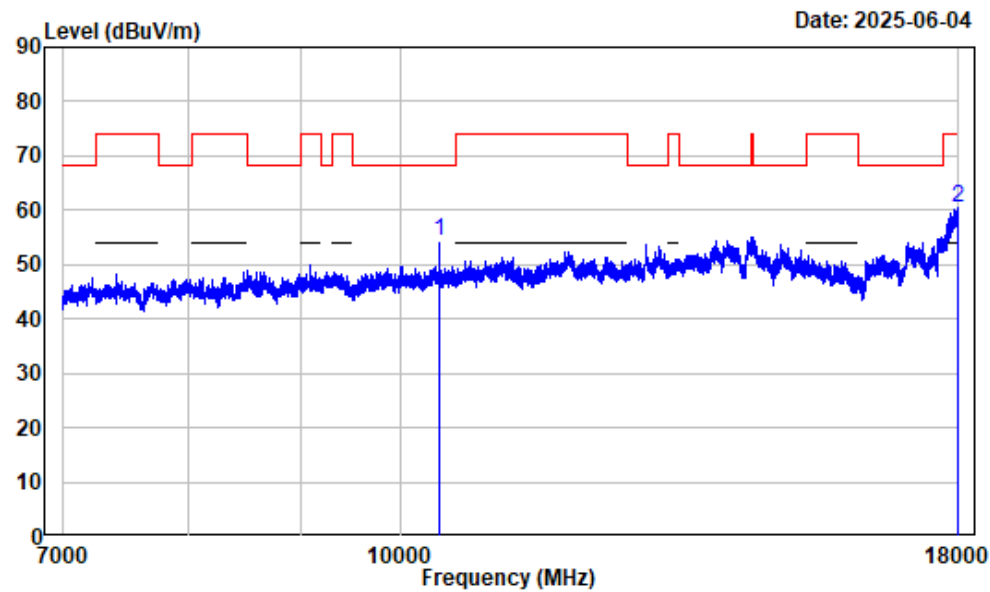
Date: 2025-06-04

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AC80_ANT0&ANT1_5210

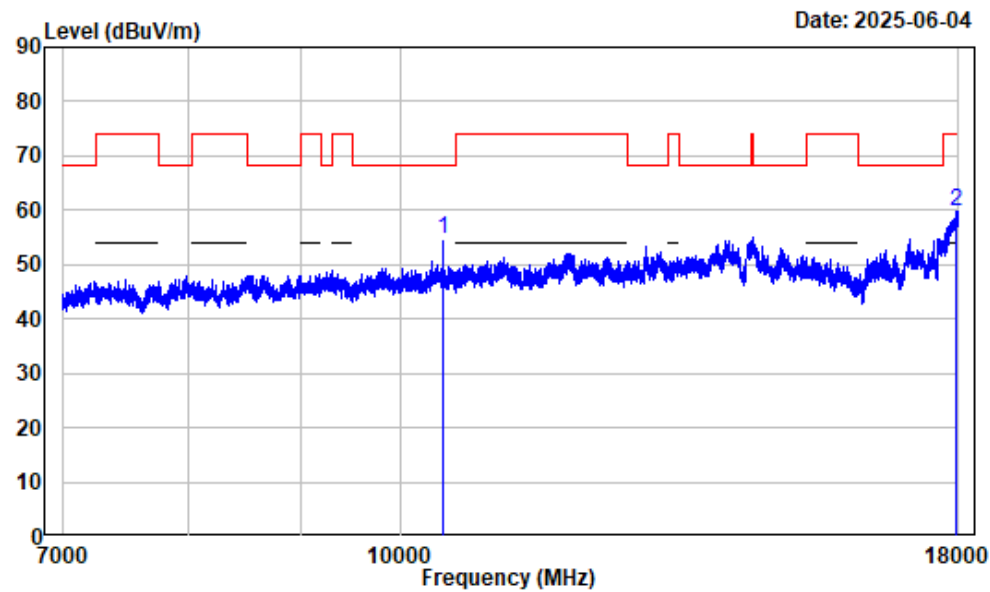|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10420.000	2.48	51.86	54.34	68.20	-13.86	Peak
2	17980.750	13.11	47.41	60.52	74.00	-13.48	Peak

7-18GHz_Vertical_Average_802.11ac-VHT80_5210MHz
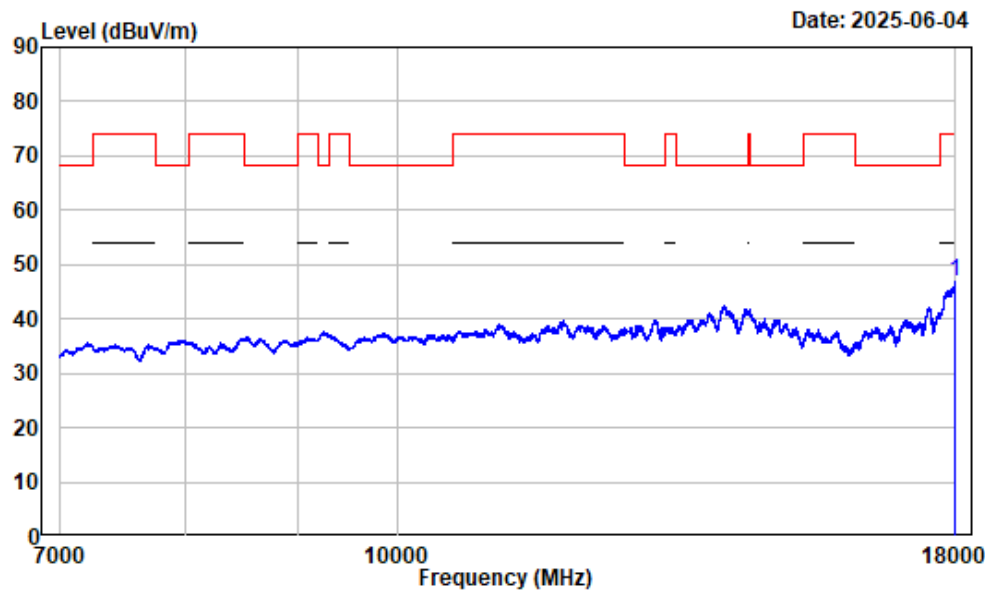

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AC80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.76	46.95	54.00	-7.05	Average

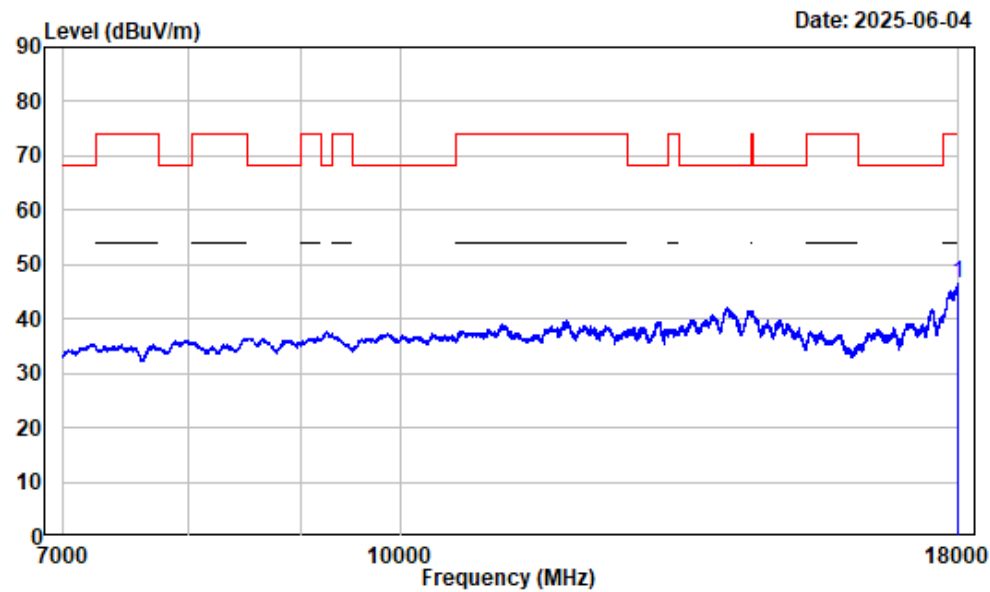1-7GHz_Horizontal_802.11ax-HE20_5180MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6441.180	-2.87	55.21	52.34	68.20	-15.86	Peak

1-7GHz_Vertical_802.11ax-HE20_5180MHz


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B1_AX20_ANT0&ANT1_5180
```

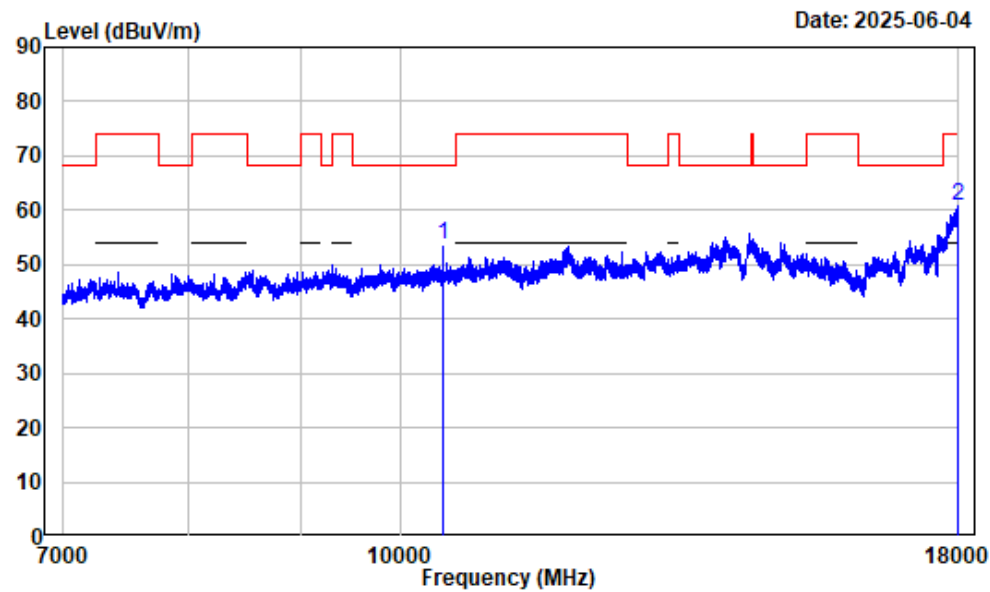|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6444.181	-2.87	54.81	51.94	68.20	-16.26	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE20_5180MHz

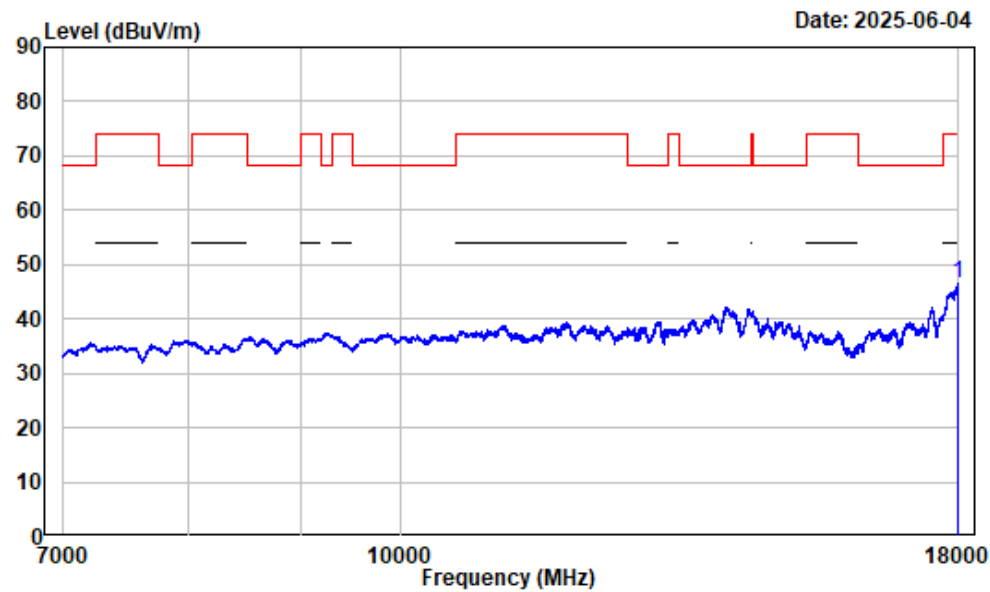Date: 2025-06-04

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX20_ANT0&ANT1_5180

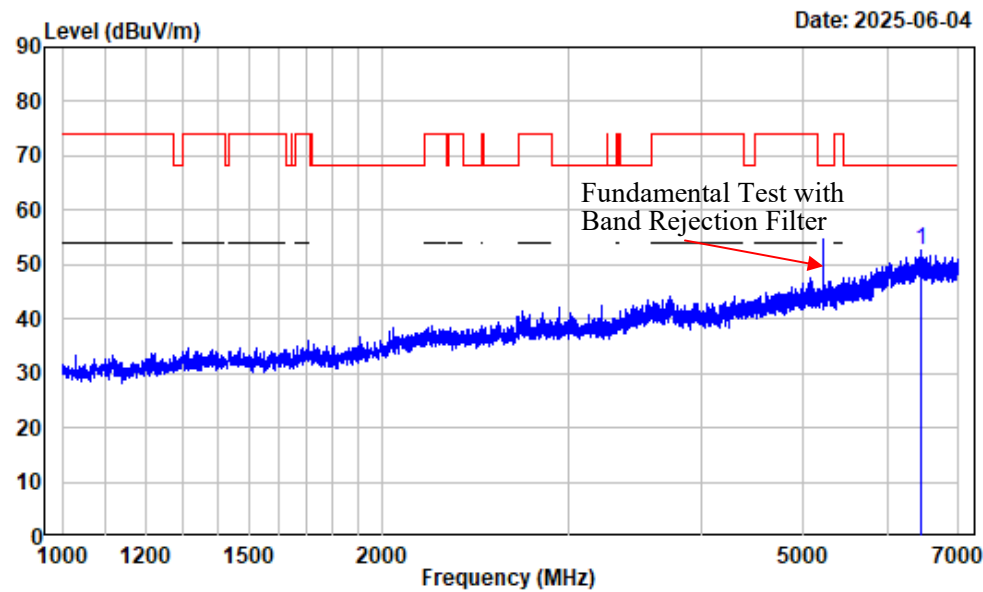|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.46	53.99	68.20	-14.21	Peak
2	17944.990	12.92	47.12	60.04	74.00	-13.96	Peak

7-18GHz_Horizontal_Average_802.11ax-HE20_5180MHz


```
Condition       : Horizontal
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note            : 5GWiFi_B1_AX20_ANT0&ANT1_5180
```

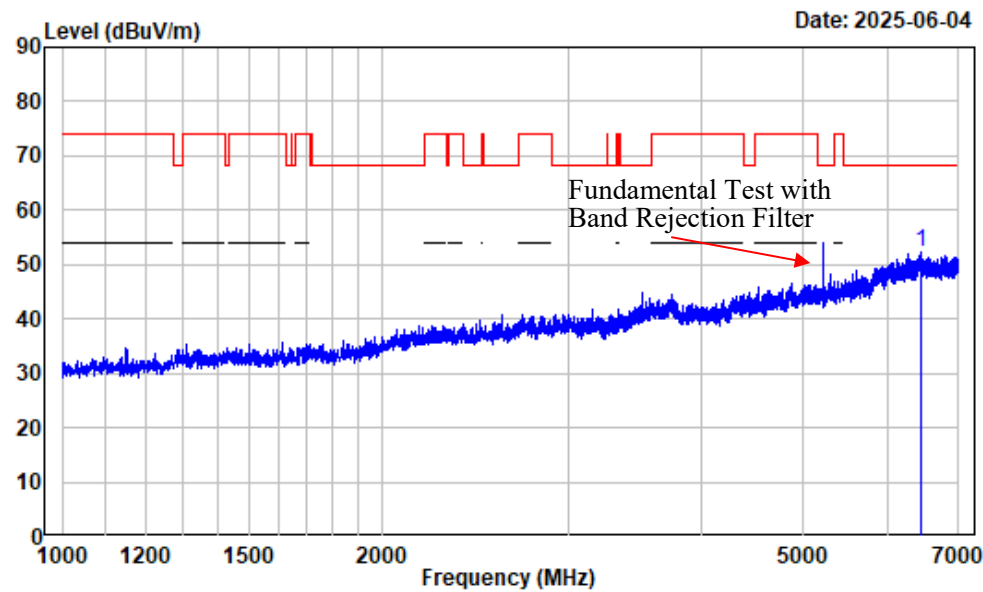|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17995.880	13.18	33.82	47.00	54.00	-7.00	Average

7-18GHz_Vertical_Peak_802.11ax-HE20_5180MHz
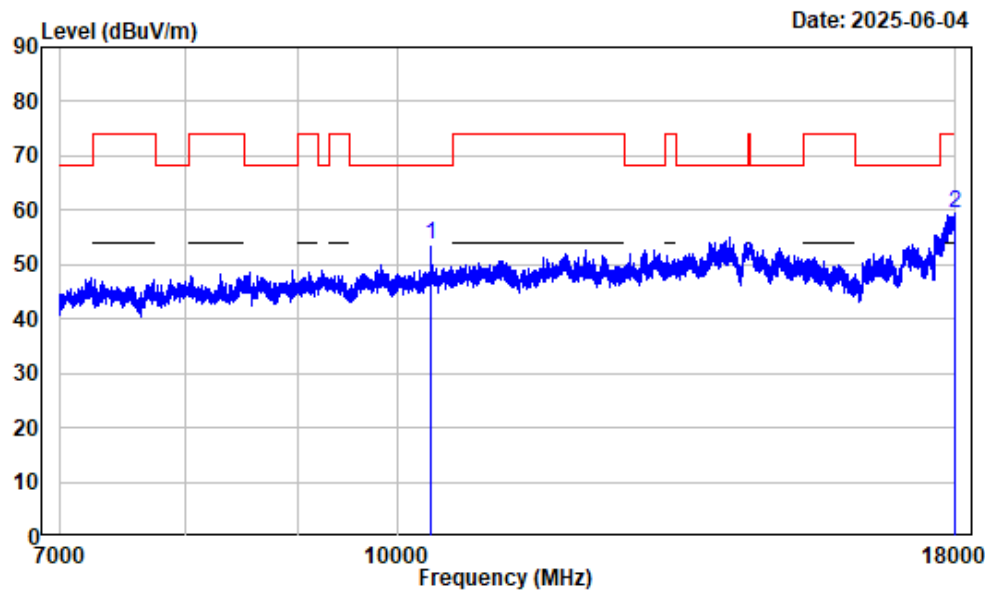

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX20_ANT0&ANT1_5180
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	2.53	51.27	53.80	68.20	-14.40	Peak
2	17982.120	13.10	46.35	59.45	74.00	-14.55	Peak

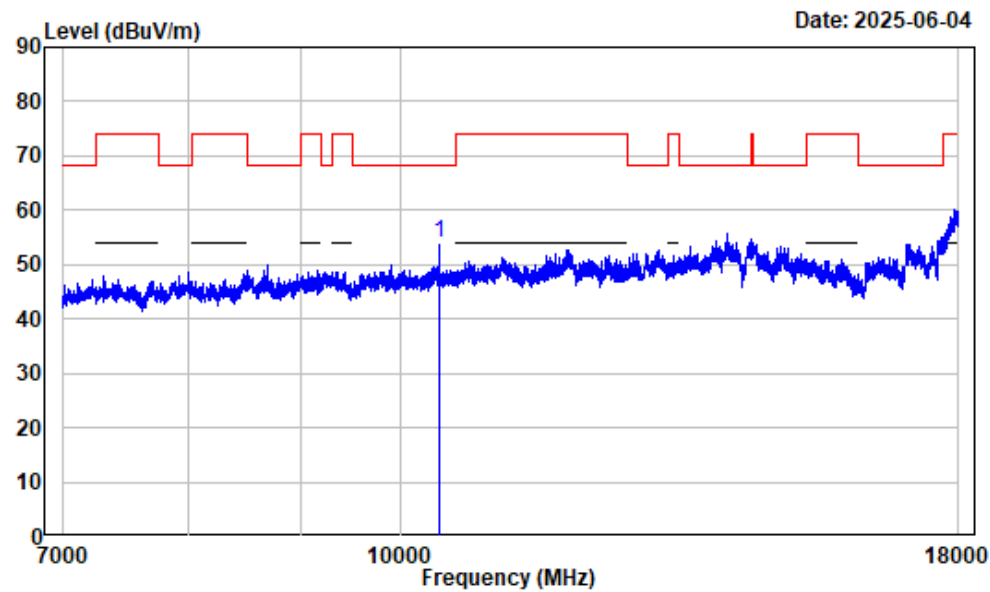## 7-18GHz_Vertical_Average_802.11ax-HE20_5180MHz
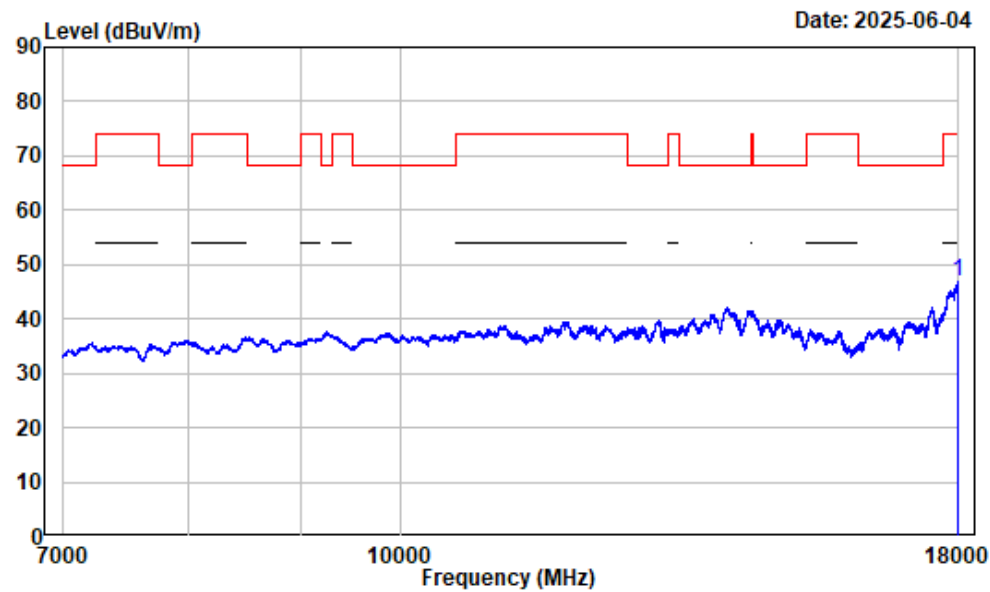

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AX20_ANT0&ANT1_5180
```

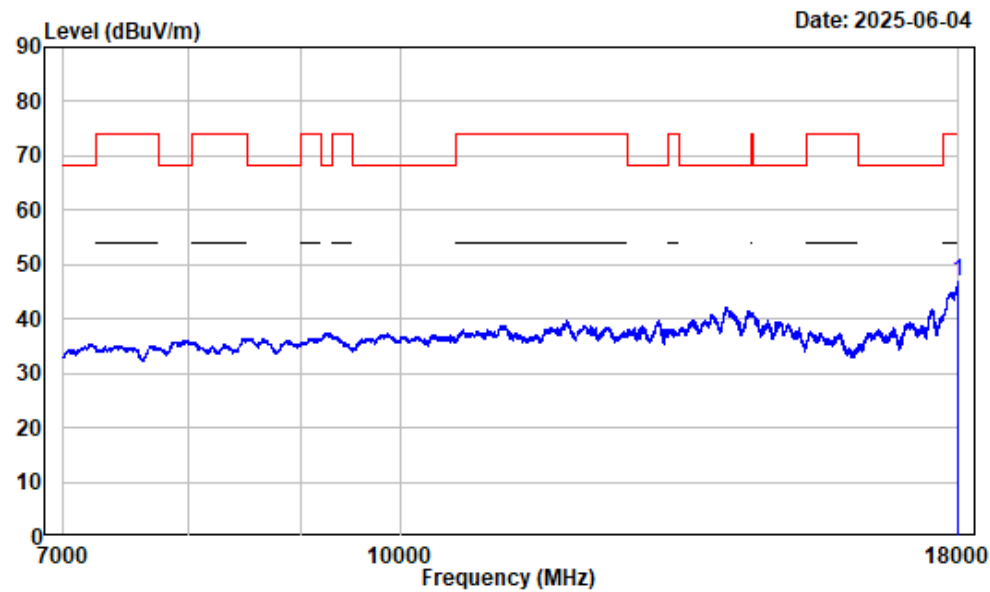|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.61	46.80	54.00	-7.20	Average

1-7GHz_Horizontal_802.11ax-HE40_5230MHz


```
Condition       : Horizontal
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6823.728	-3.23	55.50	52.27	68.20	-15.93	Peak

1-7GHz_Vertical_802.11ax-HE40_5230MHz
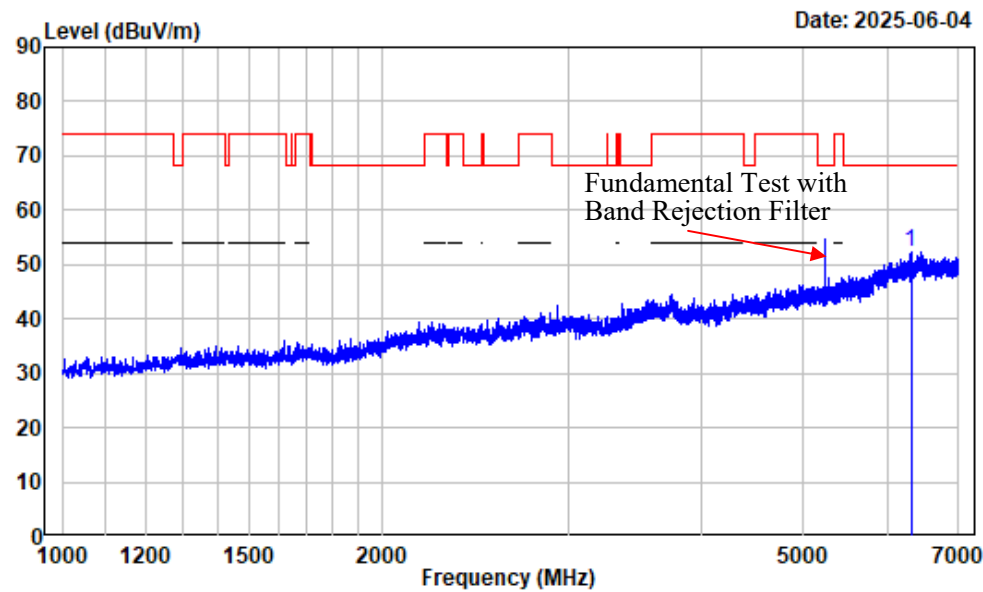
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX40_ANT0&ANT1_5230

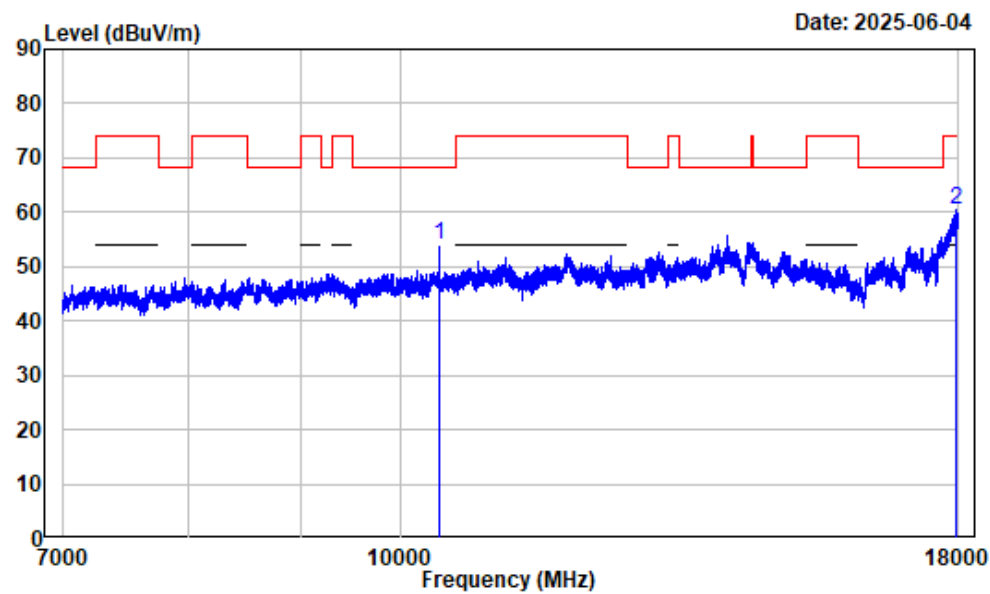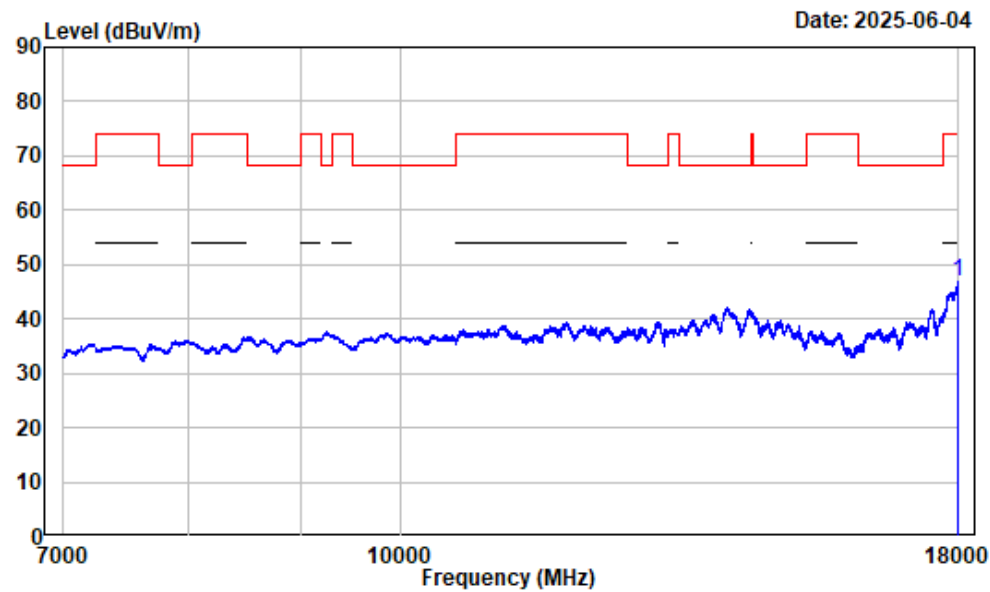|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6312.914	-3.49	55.88	52.39	68.20	-15.81	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE40_5230MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

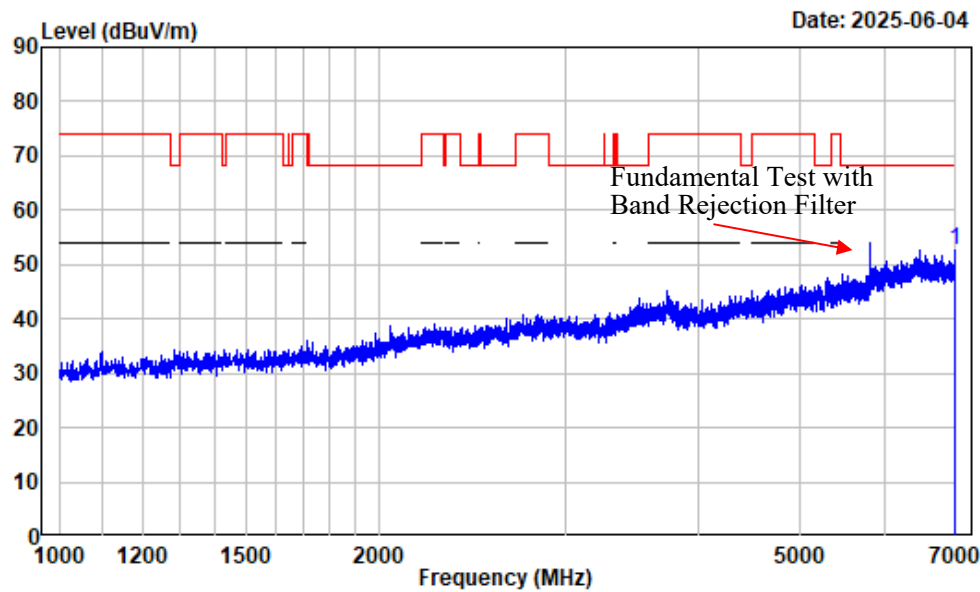|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	2.32	52.27	54.59	68.20	-13.61	Peak
2	17960.120	13.00	46.68	59.68	74.00	-14.32	Peak

7-18GHz_Horizontal_Average_802.11ax-HE40_5230MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.35	46.54	54.00	-7.46	Average

7-18GHz_Vertical_Peak_802.11ax-HE40_5230MHz
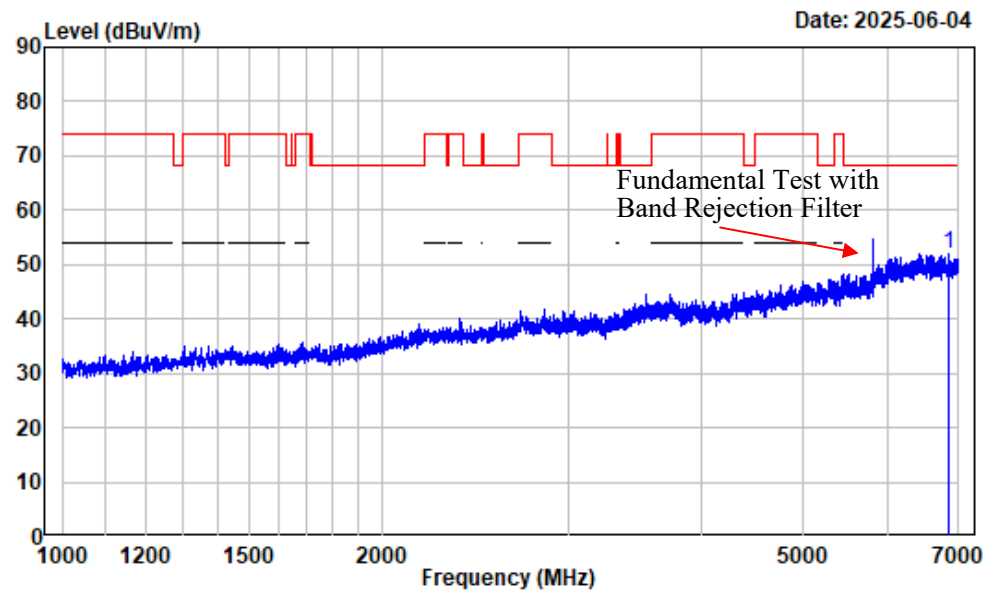


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	2.32	51.47	53.79	68.20	-14.41	Peak
2	17995.880	13.18	47.62	60.80	74.00	-13.20	Peak

7-18GHz_Vertical_Average_802.11ax-HE40_5230MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AX40_ANT0&ANT1_5230
```

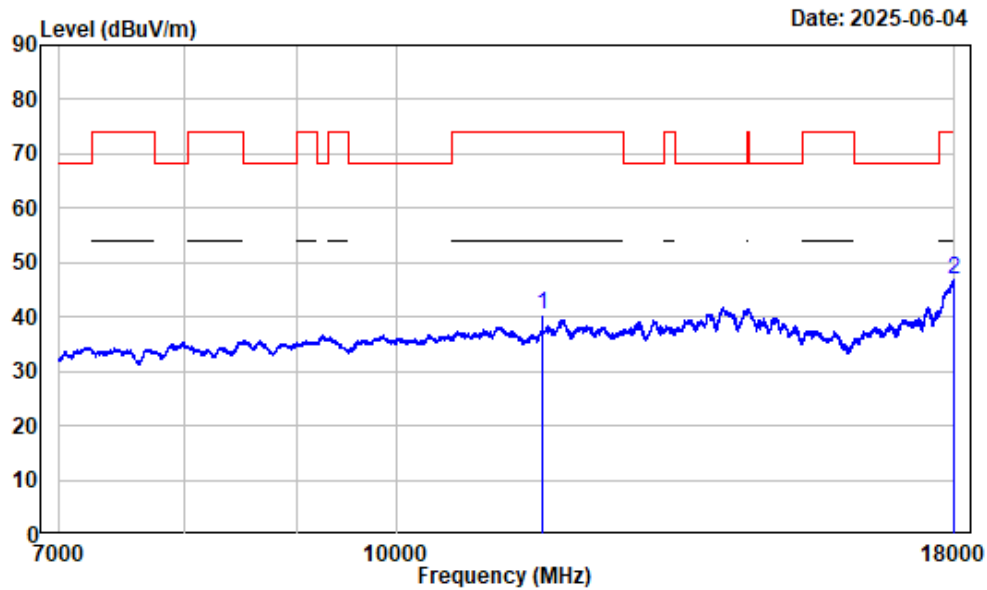|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17994.500	13.17	33.36	46.53	54.00	-7.47	Average

1-7GHz_Horizontal_802.11ax-HE80_5210MHz

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX80_ANT0&ANT1_5210

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6464.433	-2.89	55.59	52.70	68.20	-15.50	Peak

1-7GHz_Vertical_802.11ax-HE80_5210MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX80_ANT0&ANT1_5210

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6447.181	-2.87	55.09	52.22	68.20	-15.98	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE80_5210MHz

Date: 2025-06-04


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10420.000	2.48	51.64	54.12	68.20	-14.08	Peak
2	18000.000	13.20	47.07	60.27	74.00	-13.73	Peak

7-18GHz_Horizontal_Average_802.11ax-HE80_5210MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17994.500	13.17	33.73	46.90	54.00	-7.10	Average

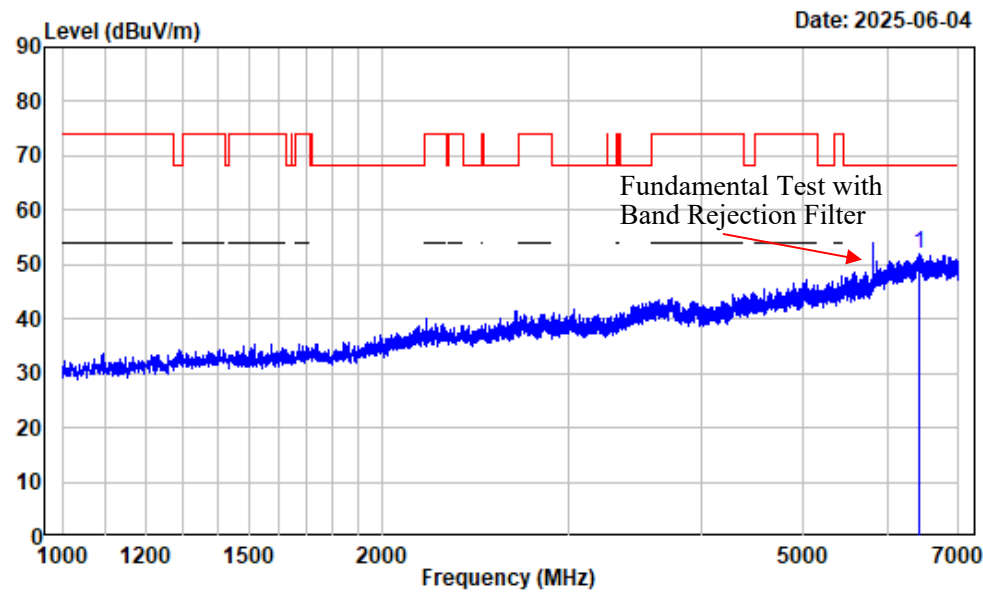7-18GHz_Vertical_Peak_802.11ax-HE80_5210MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B1_AX80_ANT0&ANT1_5210

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10420.000	2.48	51.36	53.84	68.20	-14.36	Peak
2	17969.750	13.06	47.40	60.46	74.00	-13.54	Peak

7-18GHz_Vertical_Average_802.11ax-HE80_5210MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B1_AX80_ANT0&ANT1_5210
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.52	46.71	54.00	-7.29	Average

1-7GHz_Horizontal_802.11a_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6984.998	-2.87	55.66	52.79	68.20	-15.41	Peak

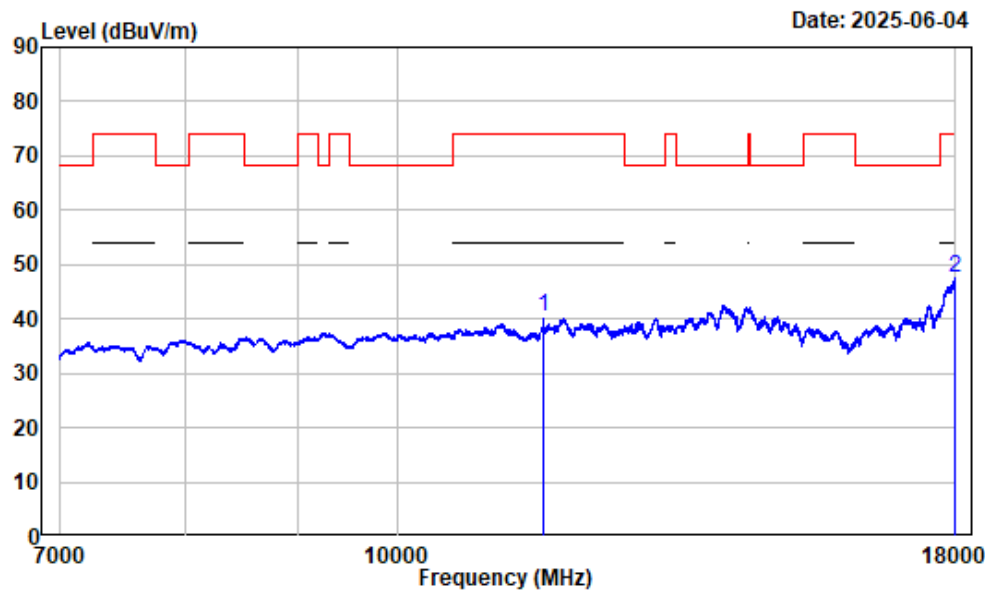## 1-7GHz_Vertical_802.11a_5825MHz


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_A_ANT0&ANT1_5825
```

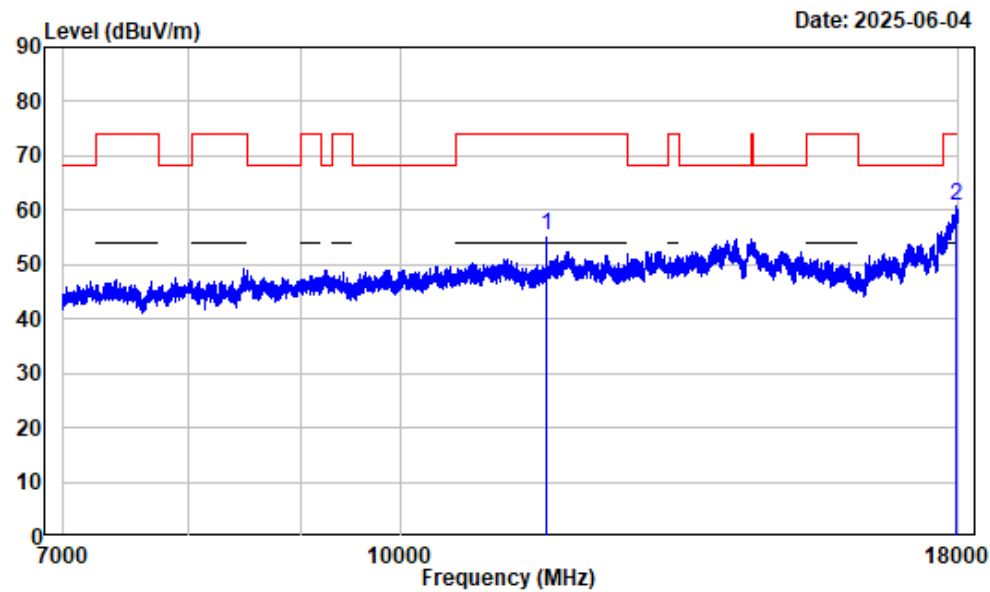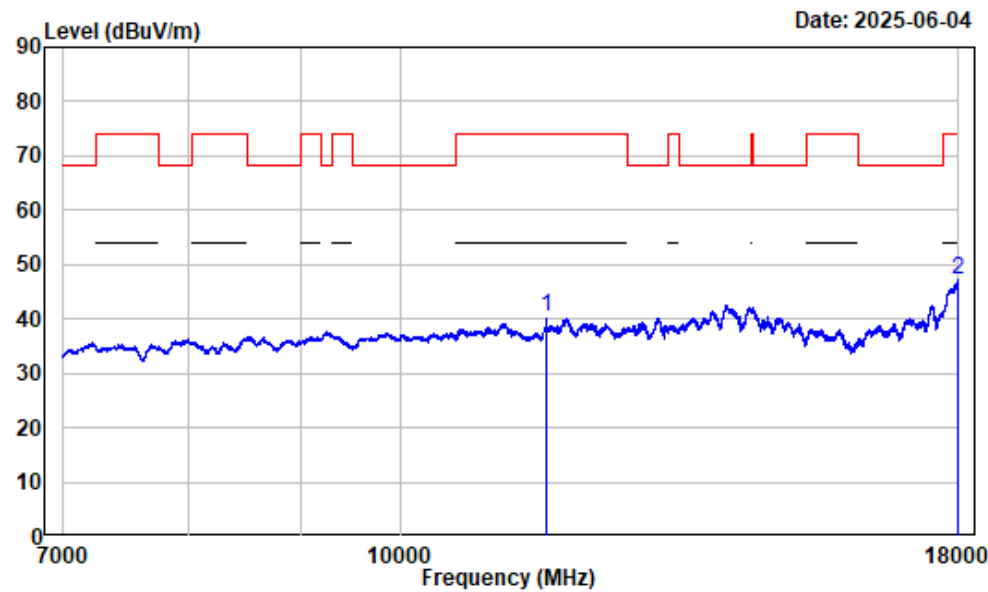|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6842.480	-3.13	55.19	52.06	68.20	-16.14	Peak

7-18GHz_Horizontal_Peak_802.11a_5825MHz
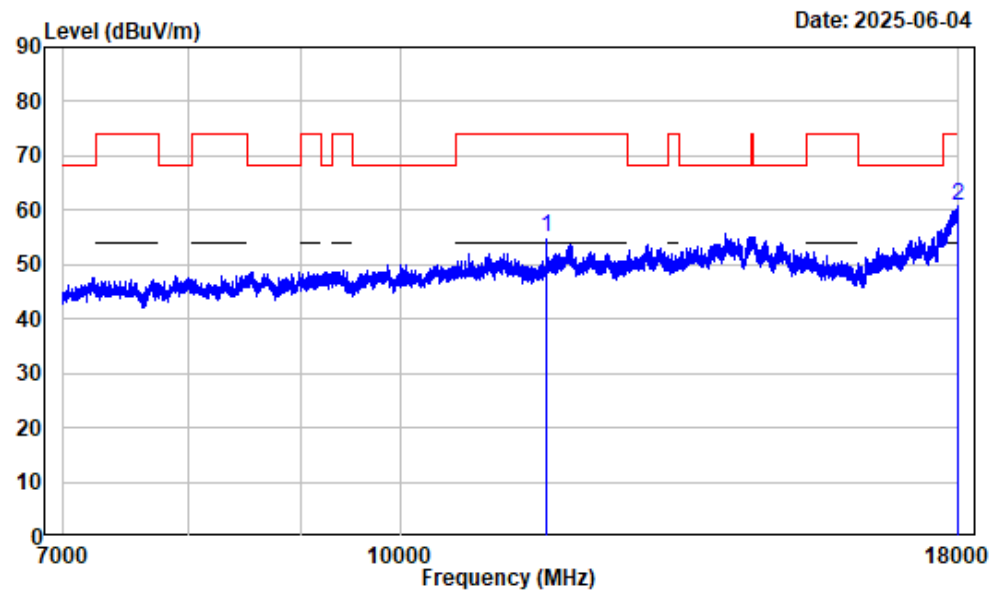

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	51.63	55.06	74.00	-18.94	Peak
2	17980.750	13.11	47.55	60.66	74.00	-13.34	Peak

7-18GHz_Horizontal_Average_802.11a_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_A_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.05	40.48	54.00	-13.52	Average
2	17998.630	13.19	33.83	47.02	54.00	-6.98	Average

7-18GHz_Vertical_Peak_802.11a_5825MHz
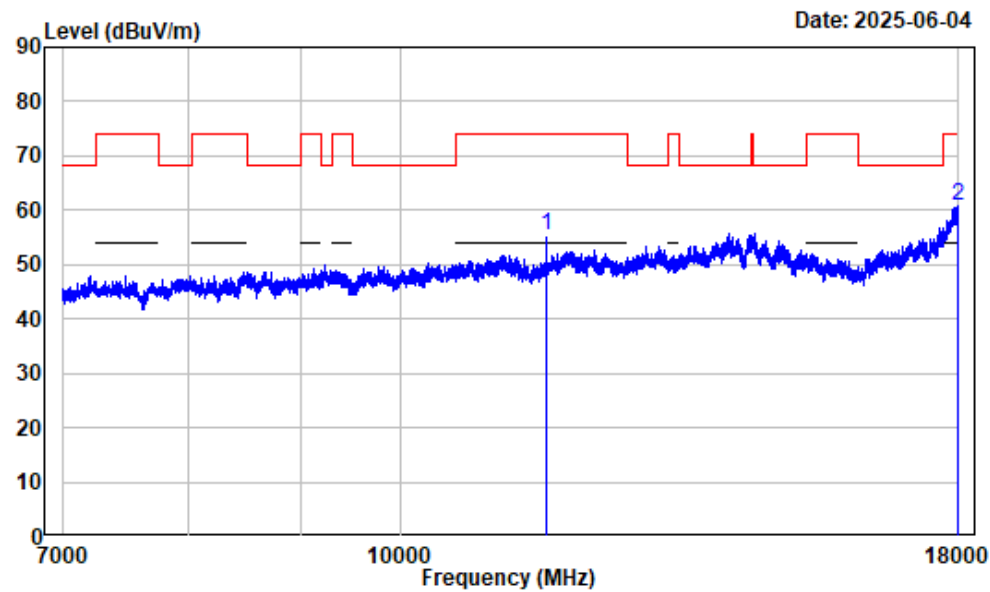
Date: 2025-06-04


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_A_ANT0&ANT1_5825
```

|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	51.99	55.42	74.00	-18.58	Peak
2	17987.620	13.13	47.65	60.78	74.00	-13.22	Peak

7-18GHz_Vertical_Average_802.11a_5825MHz
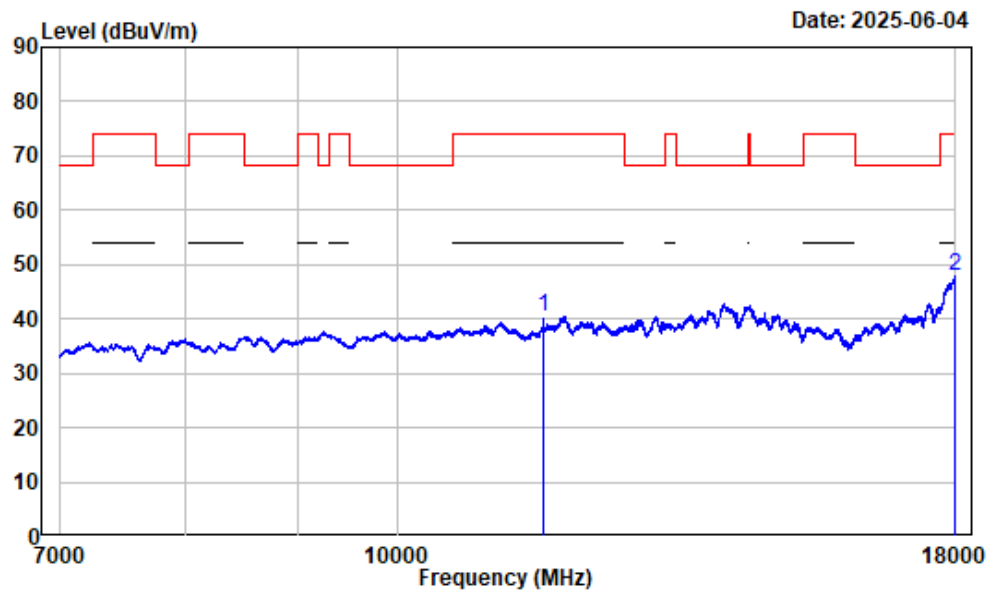

```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note            : 5GWiFi_B4_A_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.08	40.51	54.00	-13.49	Average
2	17989.000	13.14	34.69	47.83	54.00	-6.17	Average

1-7GHz_Horizontal_802.11ac-VHT20_5825MHz

Date: 2025-06-04

Fundamental Test with Band Rejection Filter

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6439.680	-2.87	54.71	51.84	68.20	-16.36	Peak

1-7GHz_Vertical_802.11ac-VHT20_5825MHz
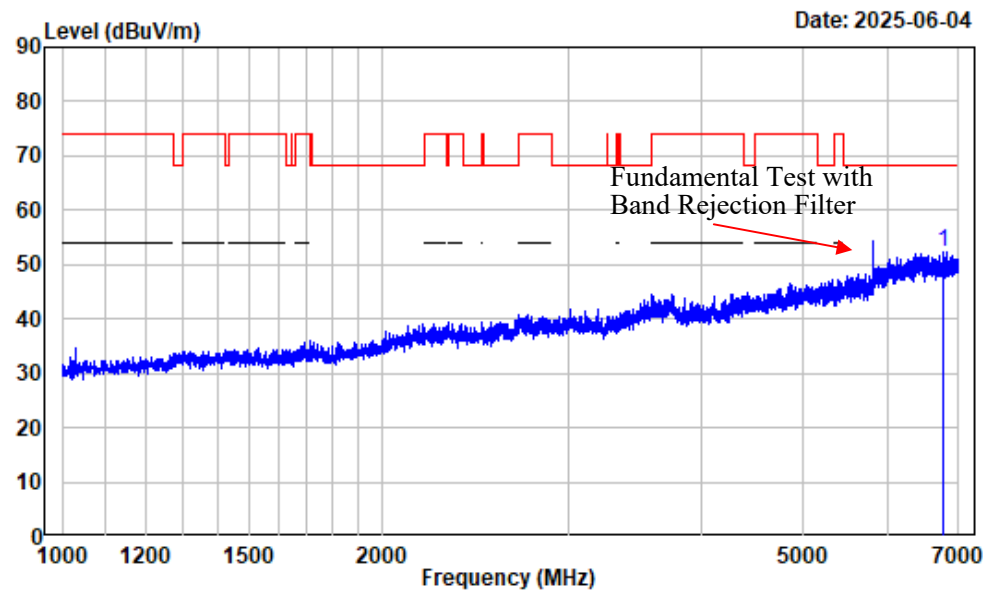
Date: 2025-06-04

Fundamental Test with Band Rejection Filter

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

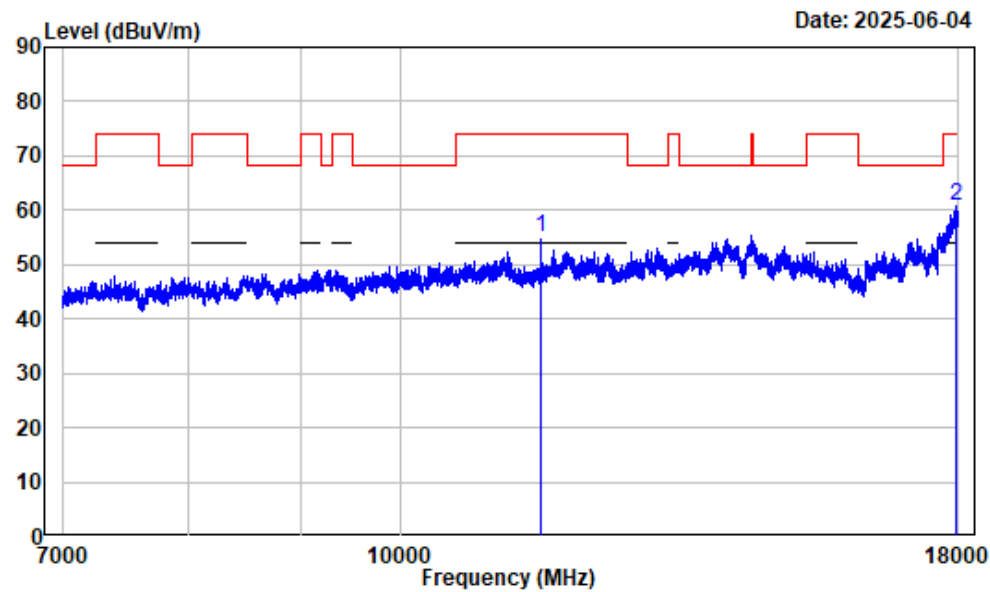|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6783.973	-3.31	55.66	52.35	68.20	-15.85	Peak

7-18GHz_Horizontal_Peak_802.11ac-VHT20_5825MHz
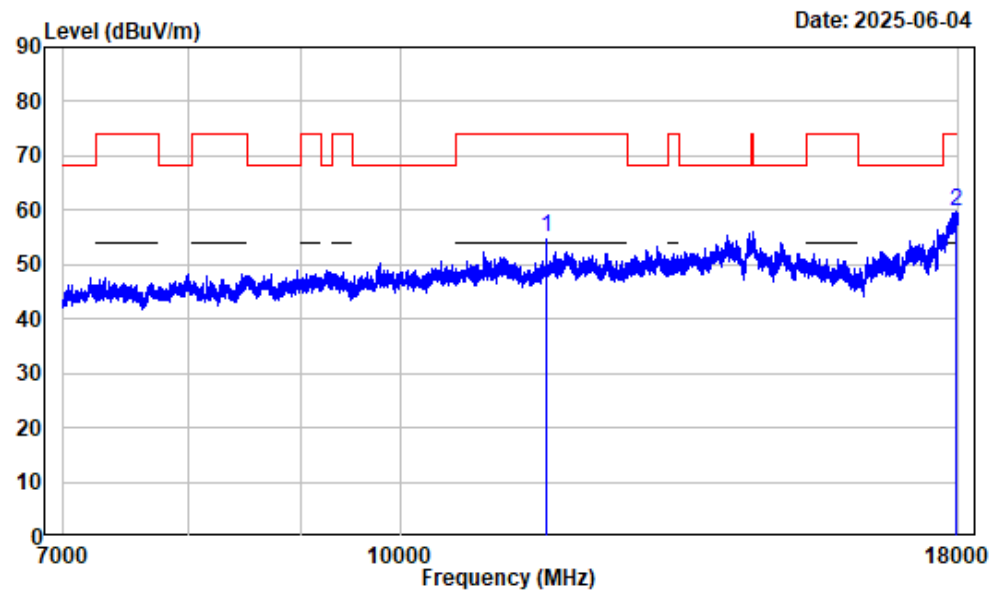

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```
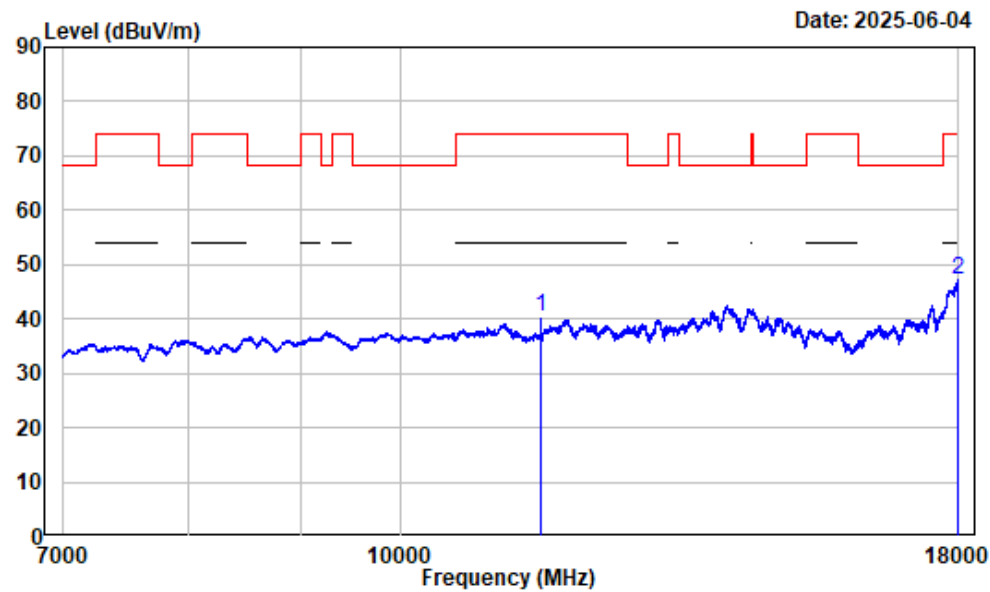
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	51.73	55.16	74.00	-18.84	Peak
2	17942.240	12.91	46.77	59.68	74.00	-14.32	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT20_5825MHz

Date: 2025-06-04

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

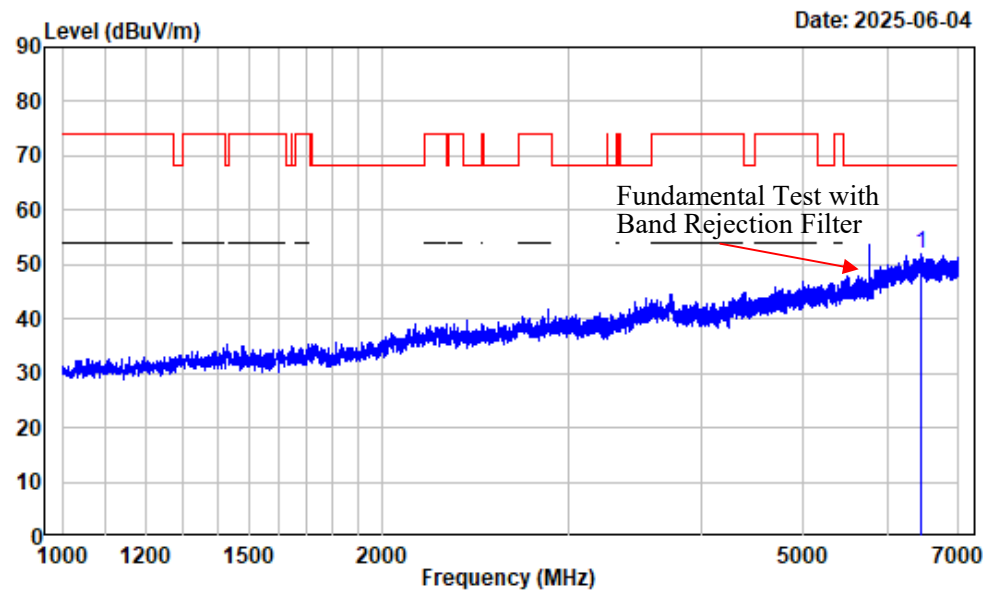|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.12	40.55	54.00	-13.45	Average
2	17989.000	13.14	34.29	47.43	54.00	-6.57	Average

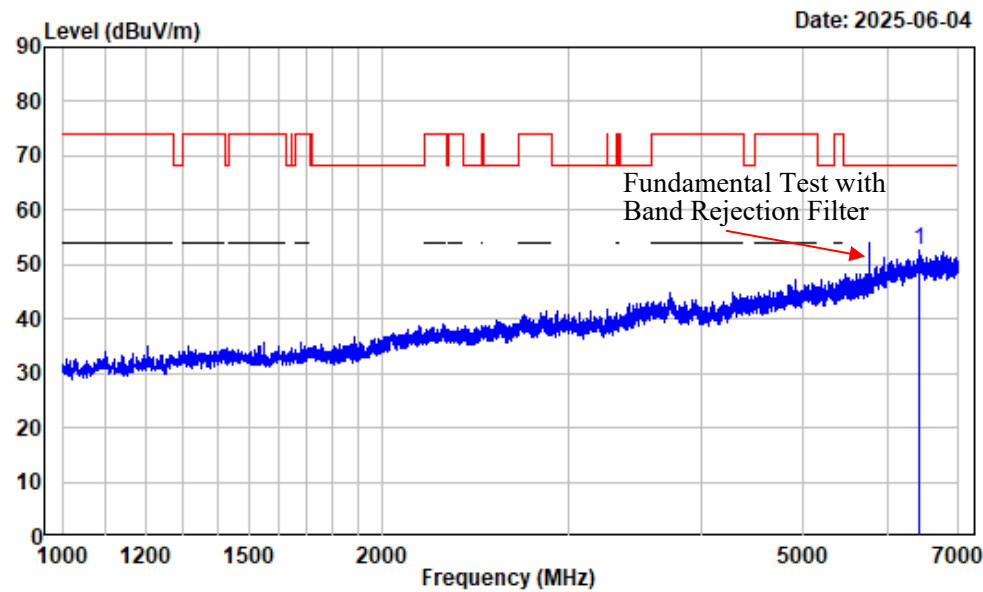### 7-18GHz_Vertical_Peak_802.11ac-VHT20_5825MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC20_ANT0&ANT1_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	52.01	55.44	74.00	-18.56	Peak
2	17949.120	12.95	47.92	60.87	74.00	-13.13	Peak

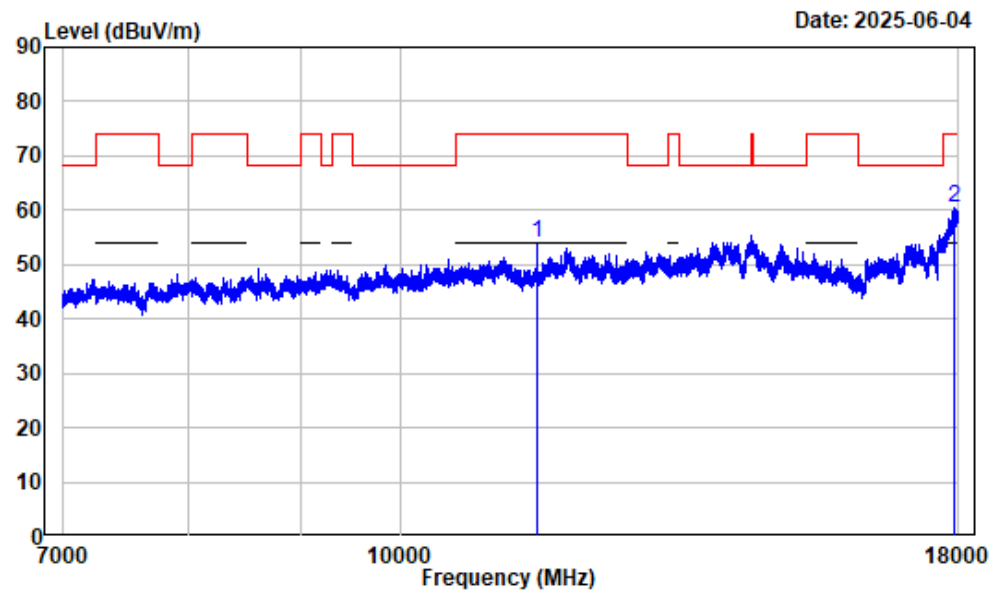## 7-18GHz_Vertical_Average_802.11ac-VHT20_5825MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

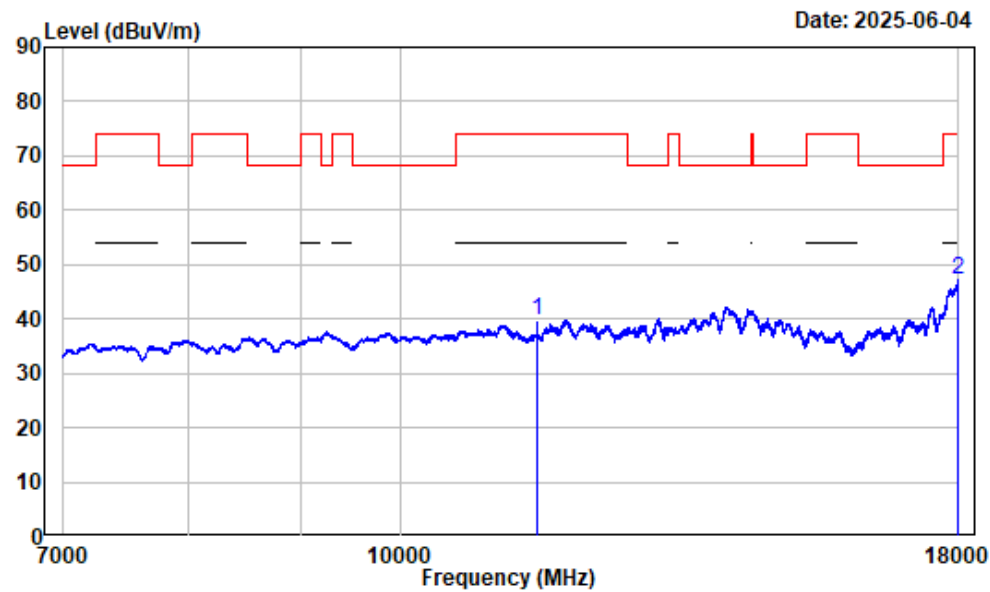|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.15	40.58	54.00	-13.42	Average
2	17993.130	13.17	34.11	47.28	54.00	-6.72	Average

1-7GHz_Horizontal_802.11ac-VHT40_5795MHz
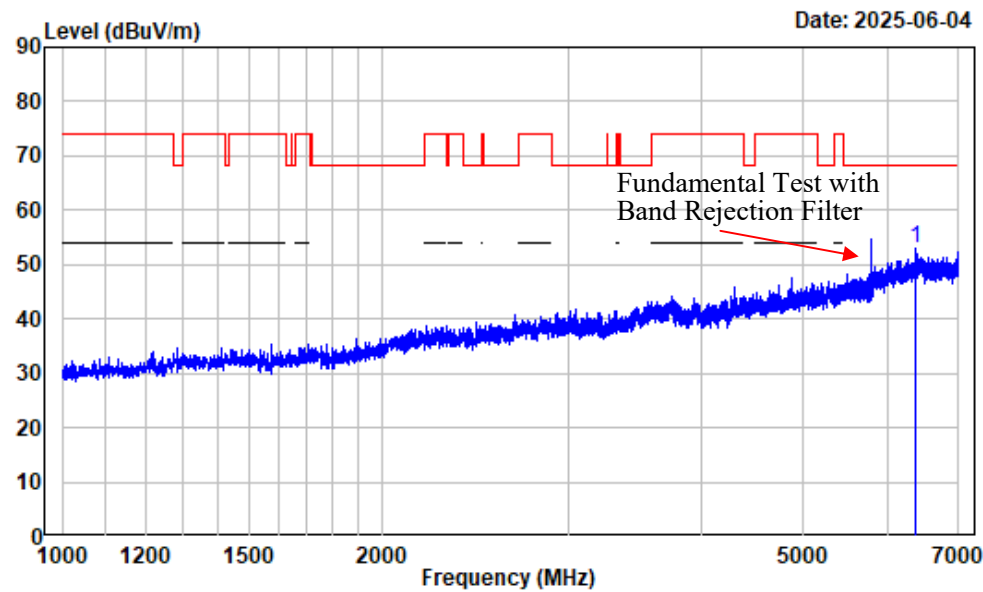
Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6372.171	-3.15	56.10	52.95	68.20	-15.25	Peak

1-7GHz_Vertical_802.11ac-VHT40_5795MHz
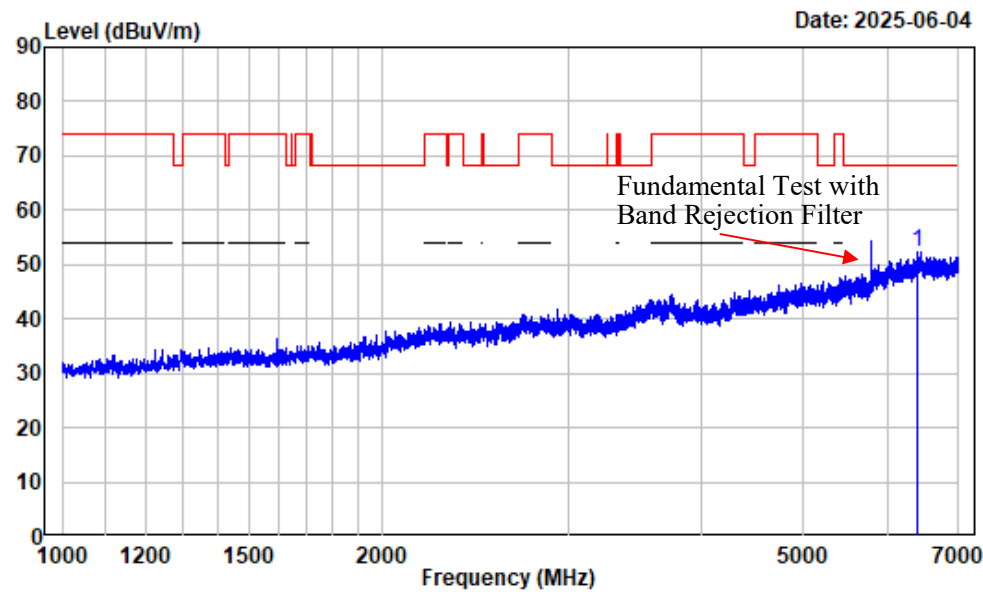
Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5795

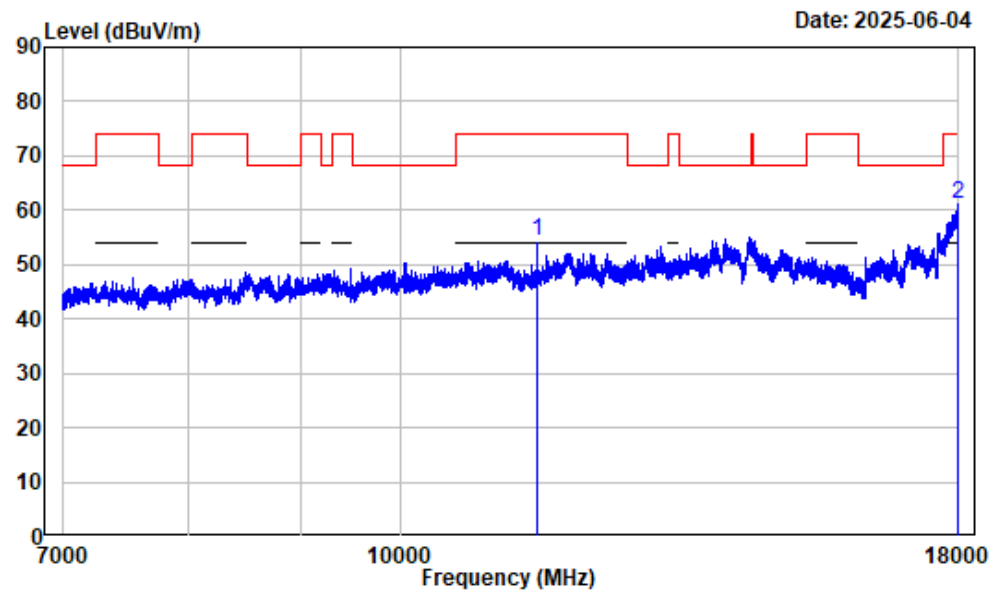|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6404.426	-2.90	55.10	52.20	68.20	-16.00	Peak

7-18GHz_Horizontal_Peak_802.11ac-VHT40_5795MHz
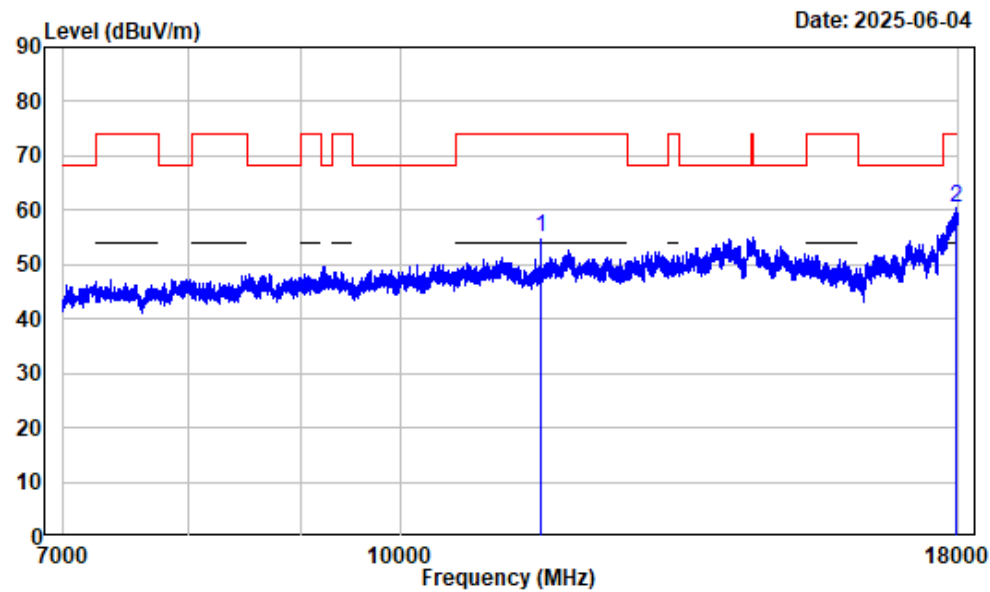
Date: 2025-06-04

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5795

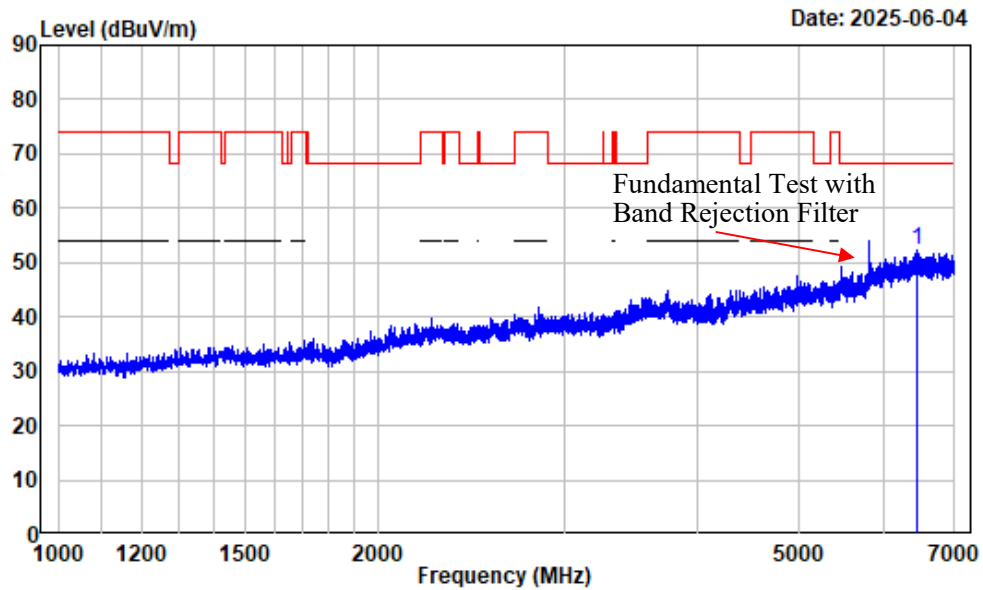|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	3.21	51.96	55.17	74.00	-18.83	Peak
2	17939.490	12.90	47.56	60.46	74.00	-13.54	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT40_5795MHz
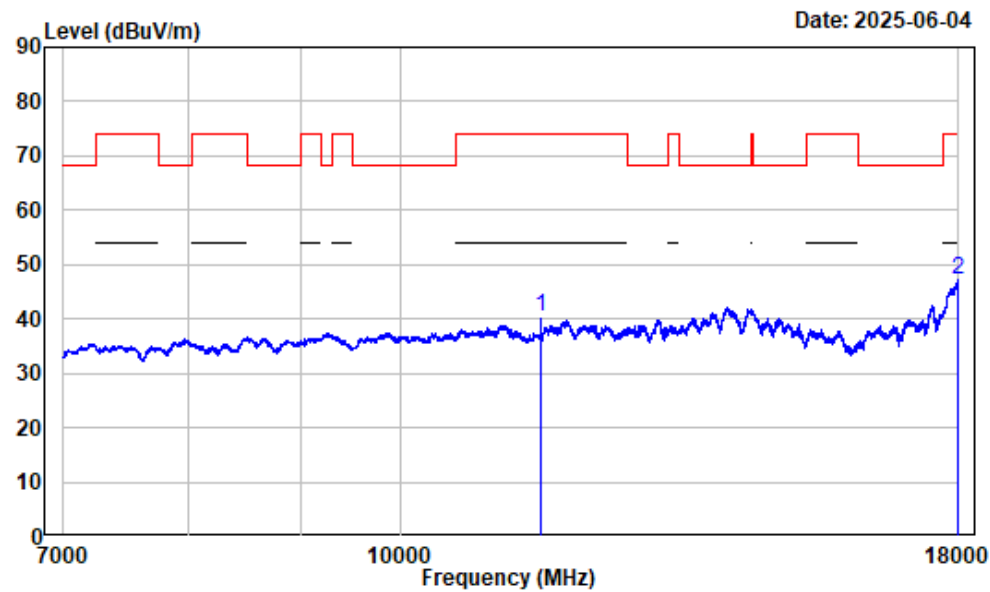

```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AC40_ANT0&ANT1_5795
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	3.21	37.09	40.30	54.00	-13.70	Average
2	17998.630	13.19	34.07	47.26	54.00	-6.74	Average

7-18GHz_Vertical_Peak_802.11ac-VHT40_5795MHz
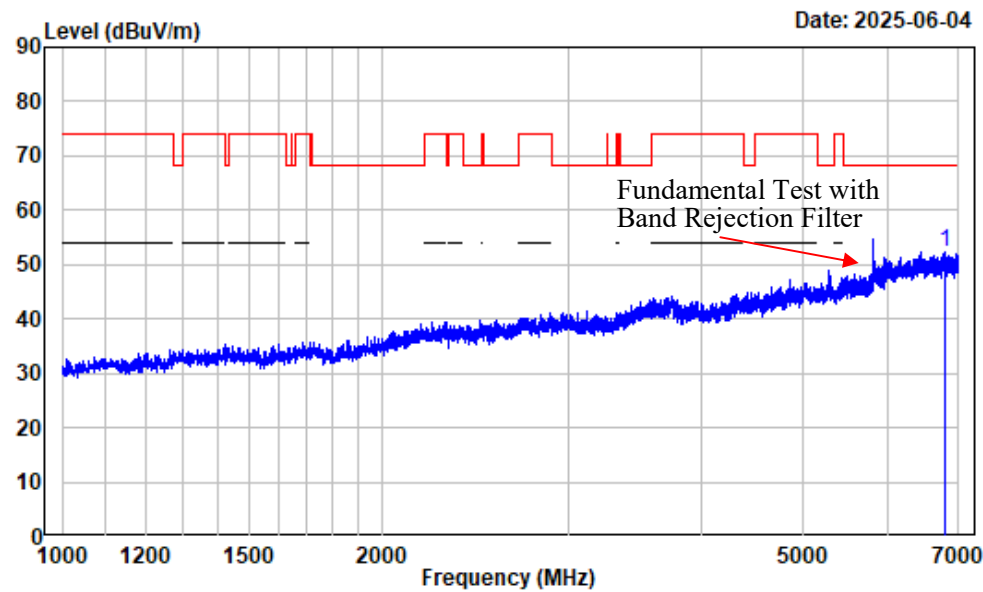
Date: 2025-06-04

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC40_ANT0&ANT1_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	3.21	51.71	54.92	74.00	-19.08	Peak
2	17968.370	13.05	47.62	60.67	74.00	-13.33	Peak

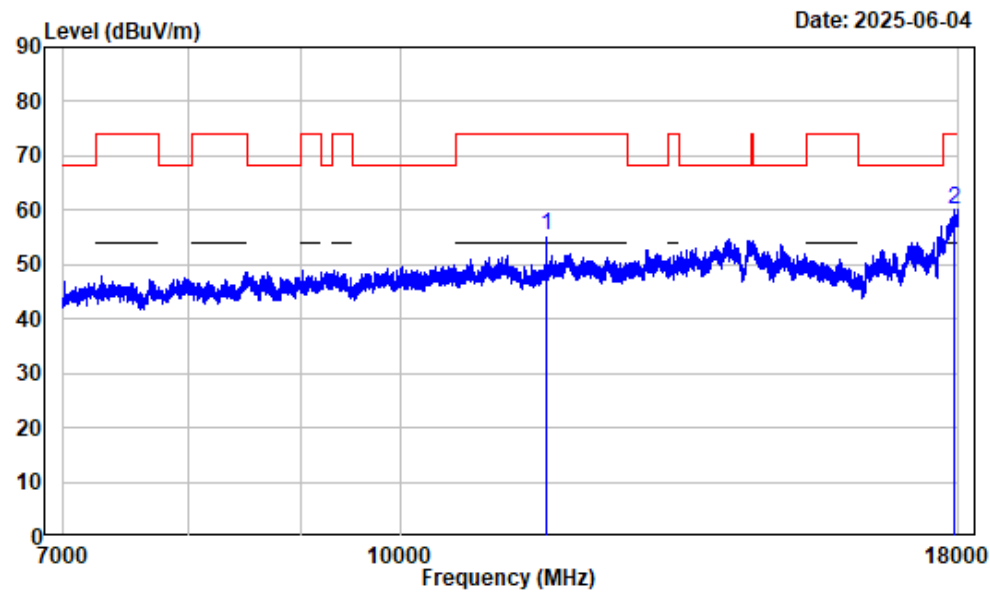## 7-18GHz_Vertical_Average_802.11ac-VHT40_5795MHz


```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note            : 5GWiFi_B4_AC40_ANT0&ANT1_5795
```

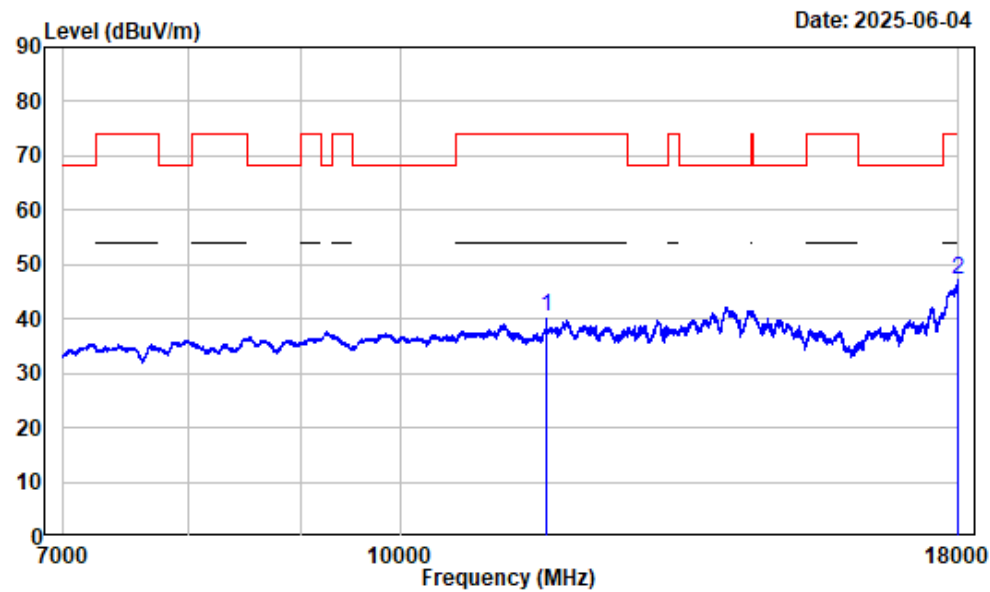|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	3.21	37.06	40.27	54.00	-13.73	Average
2	17998.630	13.19	34.05	47.24	54.00	-6.76	Average

1-7GHz_Horizontal_802.11ac-VHT80_5775MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6446.431	-2.88	54.82	51.94	68.20	-16.26	Peak

1-7GHz_Vertical_802.11ac-VHT80_5775MHz

Date: 2025-06-04

Fundamental Test with
Band Rejection Filter

```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note            : 5GWiFi_B4_AC80_ANT0&ANT1_5775
```

```
                    Read          Limit  Over
          Freq Factor Level Level  Line  Limit Remark

          MHz   dB/m  dBuV  dBuV/m dBuV/m  dB
1  6437.430  -2.87  55.58  52.71  68.20 -15.49 Peak
```
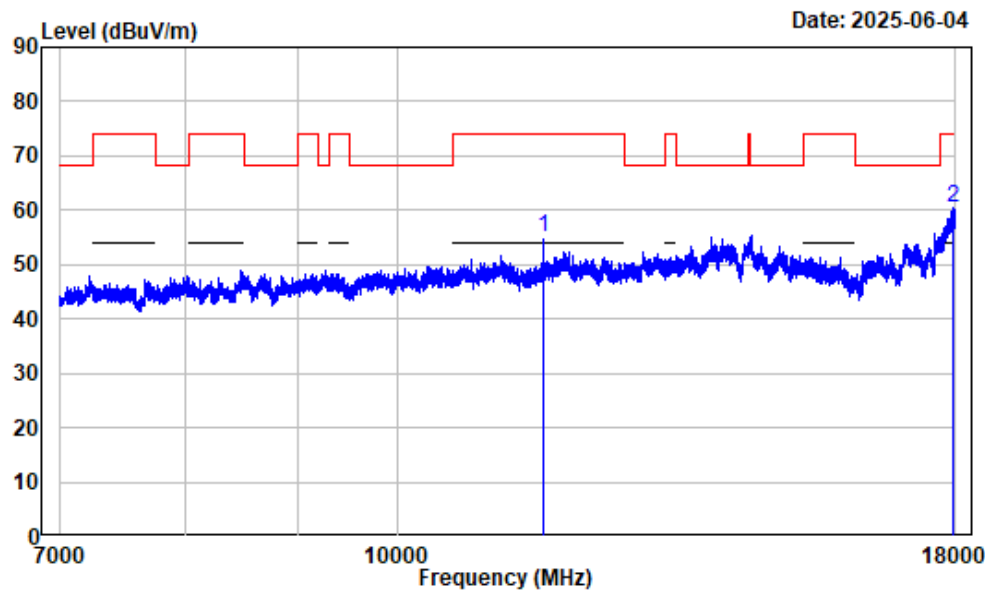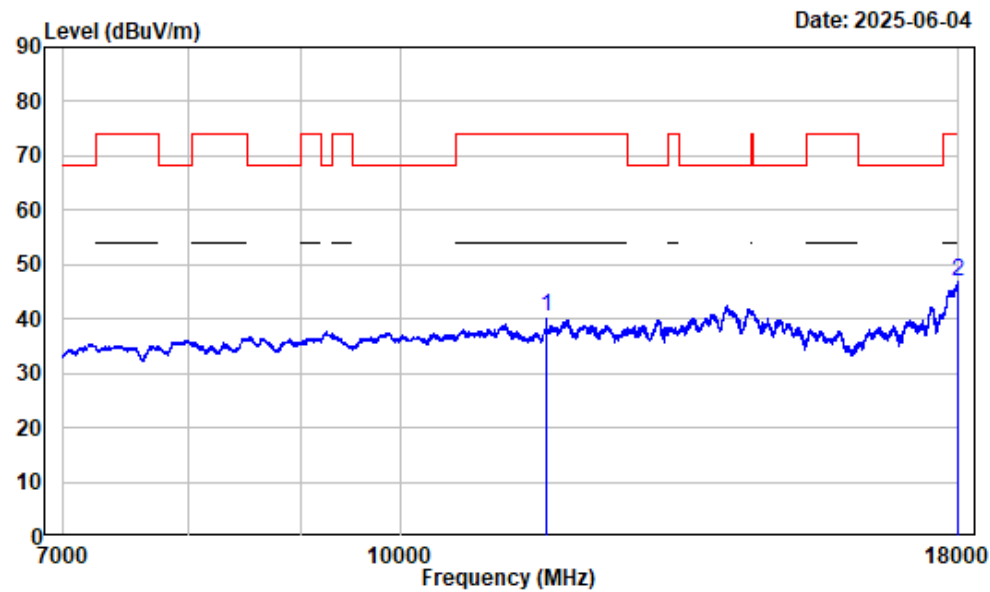
7-18GHz_Horizontal_Peak_802.11ac-VHT80_5775MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC80_ANT0&ANT1_5775
```

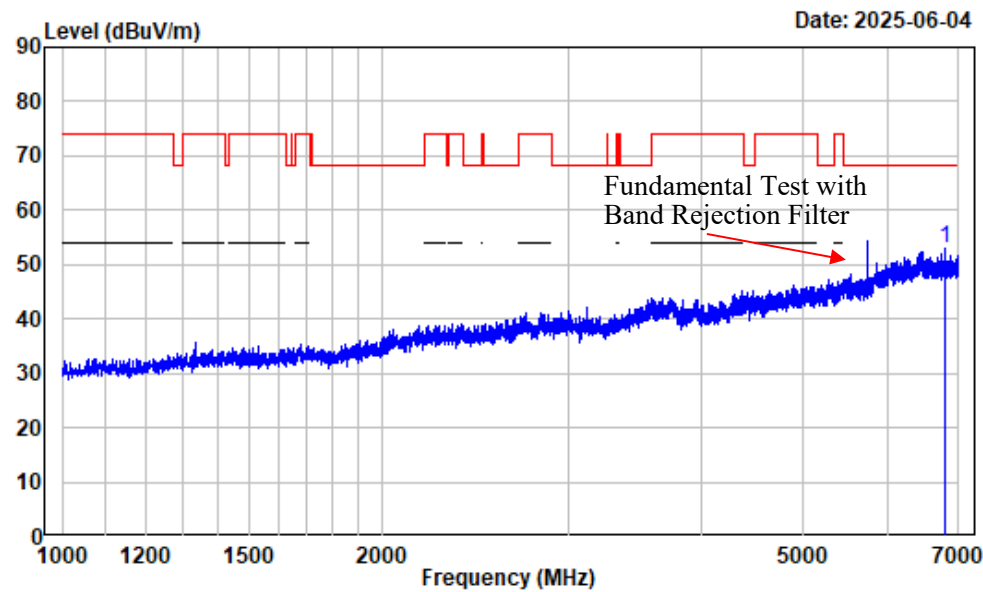|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	50.75	54.12	74.00	-19.88	Peak
2	17928.490	12.85	47.56	60.41	74.00	-13.59	Peak

7-18GHz_Horizontal_Average_802.11ac-VHT80_5775MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AC80_ANT0&ANT1_5775
```

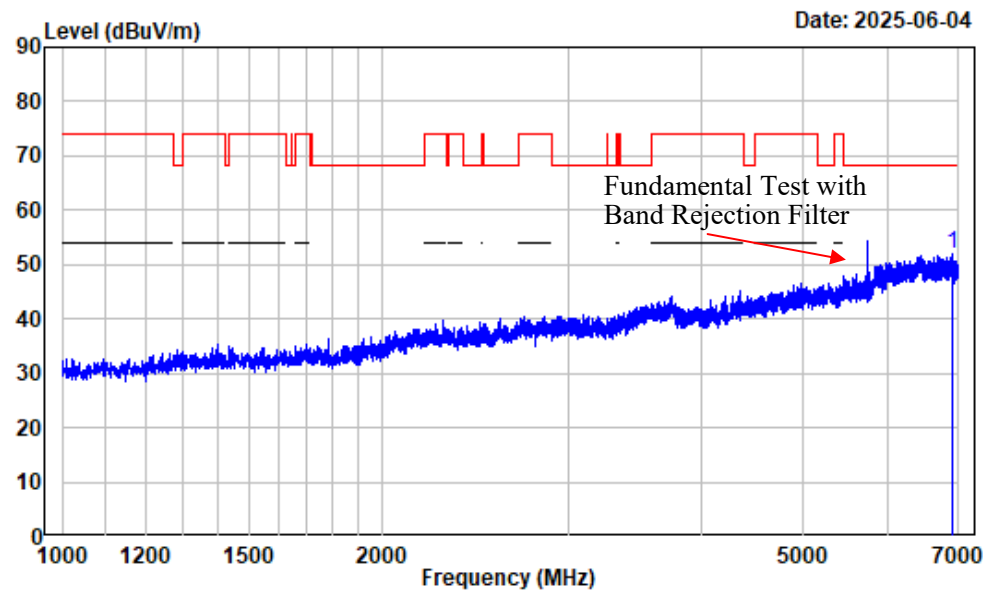|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	36.35	39.72	54.00	-14.28	Average
2	17995.880	13.18	33.88	47.06	54.00	-6.94	Average

7-18GHz_Vertical_Peak_802.11ac-VHT80_5775MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AC80_ANT0&ANT1_5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	51.01	54.38	74.00	-19.62	Peak
2	17976.620	13.09	47.97	61.06	74.00	-12.94	Peak

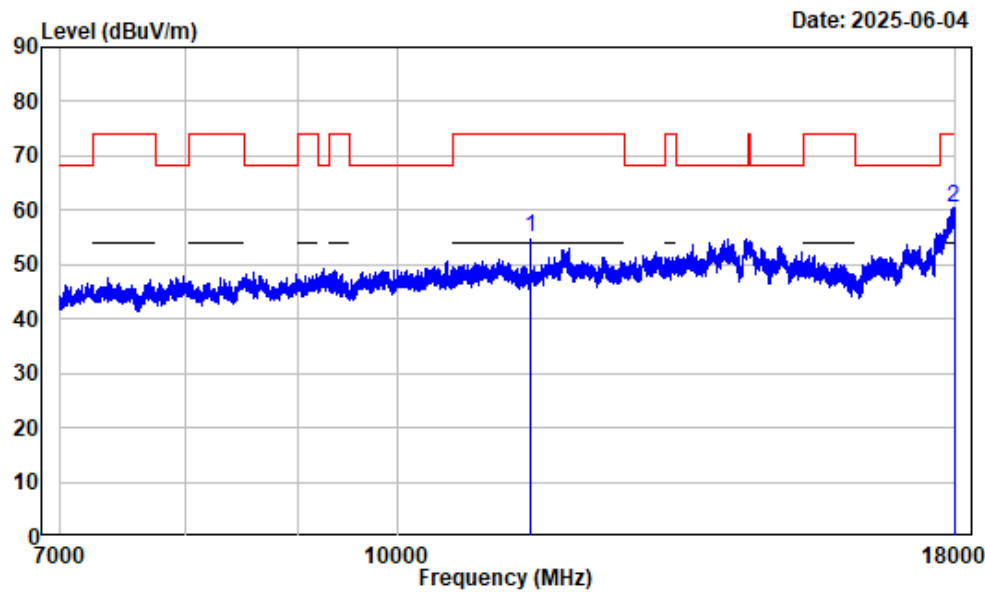## 7-18GHz_Vertical_Average_802.11ac-VHT80_5775MHz
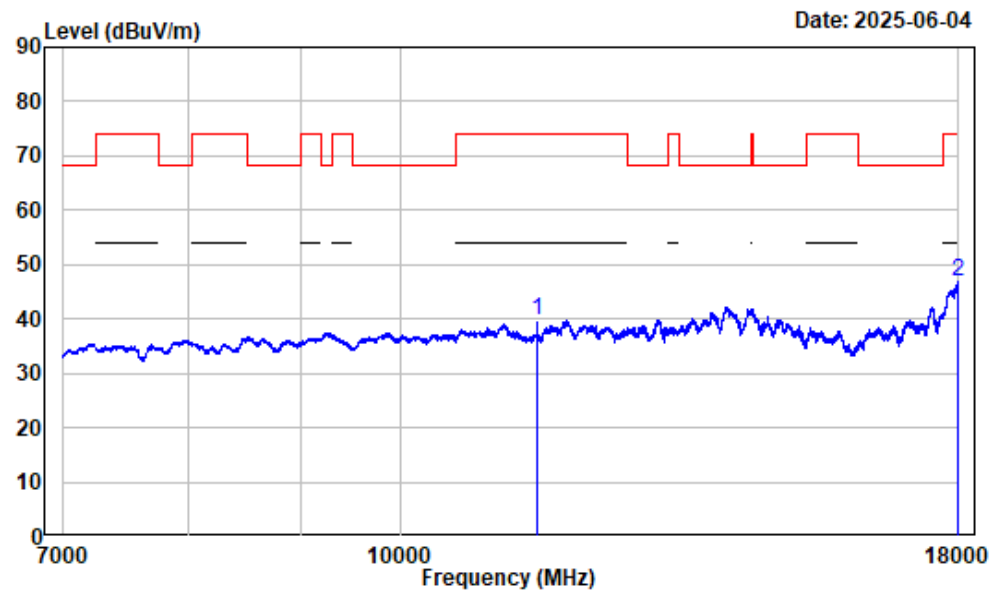

```
Condition       : Vertical
Project No.     : 2501P42038E-RF
Tester          : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note            : 5GWiFi_B4_AC80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	36.32	39.69	54.00	-14.31	Average
2	17998.630	13.19	33.81	47.00	54.00	-7.00	Average

1-7GHz_Horizontal_802.11ax-HE20_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5825
```
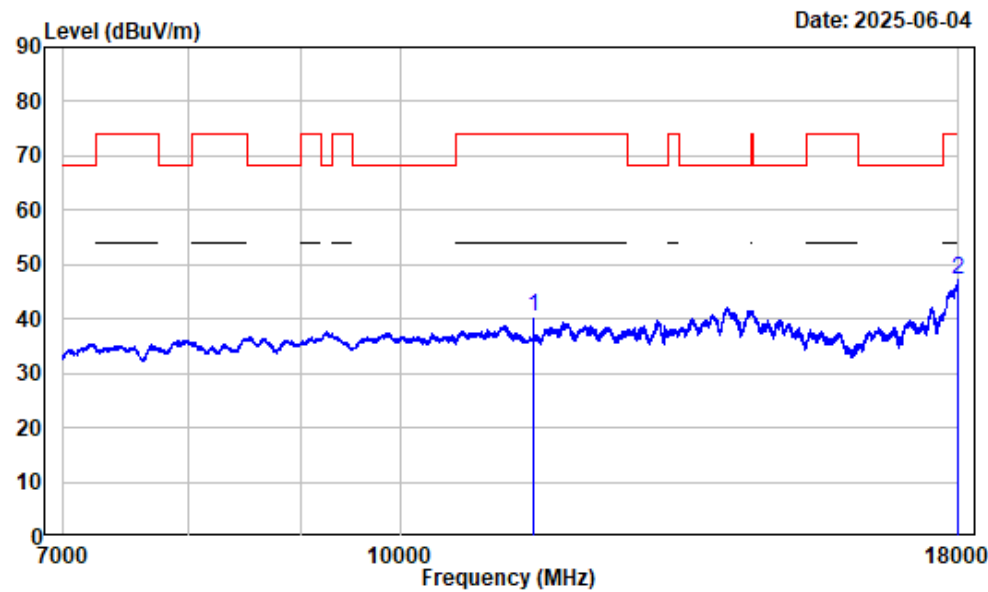
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6445.681	-2.88	55.04	52.16	68.20	-16.04	Peak

1-7GHz_Vertical_802.11ax-HE20_5825MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX20_ANT0&ANT1_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6790.724	-3.33	55.72	52.39	68.20	-15.81	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE20_5825MHz

Date: 2025-06-04


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5825
```

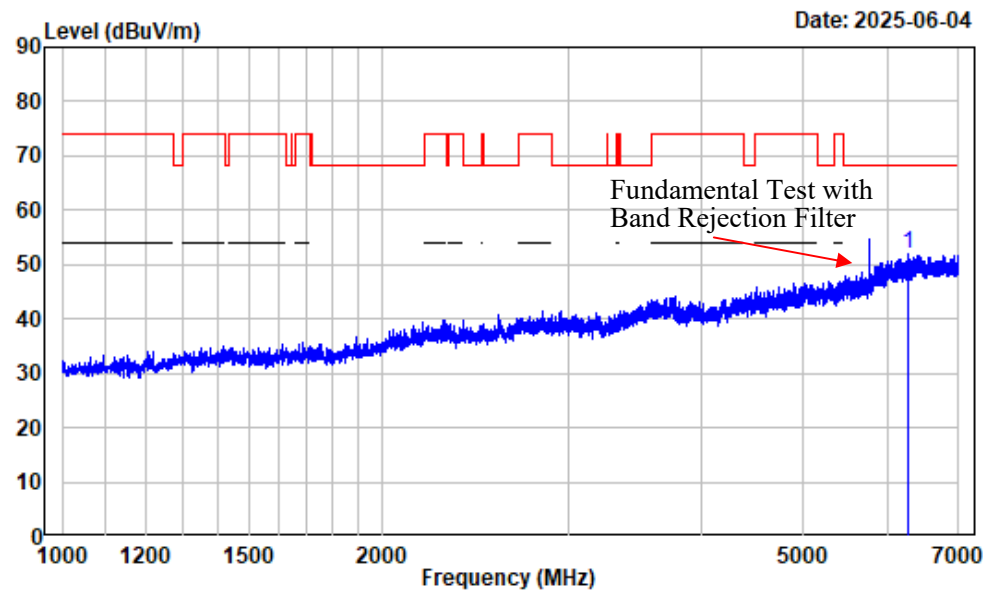|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	51.76	55.19	74.00	-18.81	Peak
2	17936.740	12.89	47.30	60.19	74.00	-13.81	Peak

7-18GHz_Horizontal_Average_802.11ax-HE20_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.10	40.53	54.00	-13.47	Average
2	17986.250	13.12	34.03	47.15	54.00	-6.85	Average

7-18GHz_Vertical_Peak_802.11ax-HE20_5825MHz

Date: 2025-06-04


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX20_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	51.50	54.93	74.00	-19.07	Peak
2	17965.620	13.03	47.56	60.59	74.00	-13.41	Peak

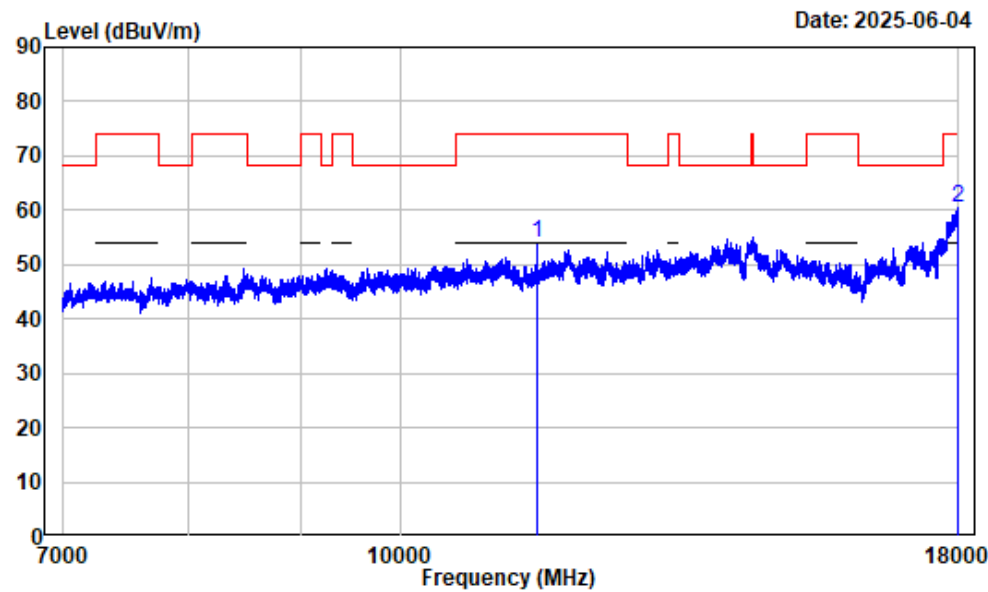## 7-18GHz_Vertical_Average_802.11ax-HE20_5825MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note   : 5GWiFi_B4_AX20_ANT0&ANT1_5825

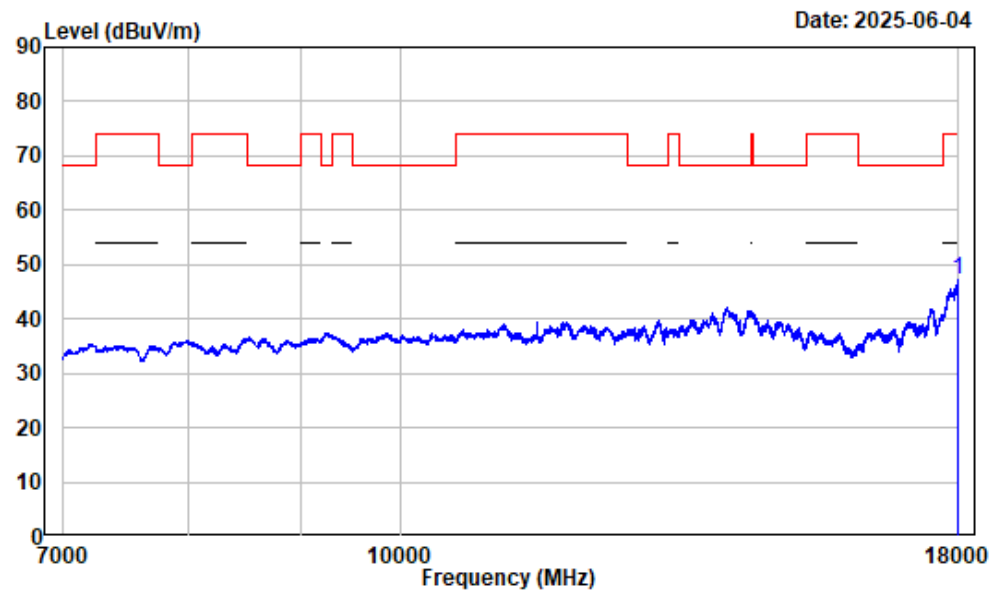|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.43	37.13	40.56	54.00	-13.44	Average
2	17999.990	13.20	33.72	46.92	54.00	-7.08	Average

1-7GHz_Horizontal_802.11ax-HE40_5755MHz

Condition　　　　: Horizontal
Project No.　　　: 2501P42038E-RF
Tester　　　　　　: Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note　　　　　　　: 5GWiFi_B4_AX40_ANT0&ANT1_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6803.476	-3.34	56.25	52.91	68.20	-15.29	Peak

1-7GHz_Vertical_802.11ax-HE40_5755MHz

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX40_ANT0&ANT1_5755

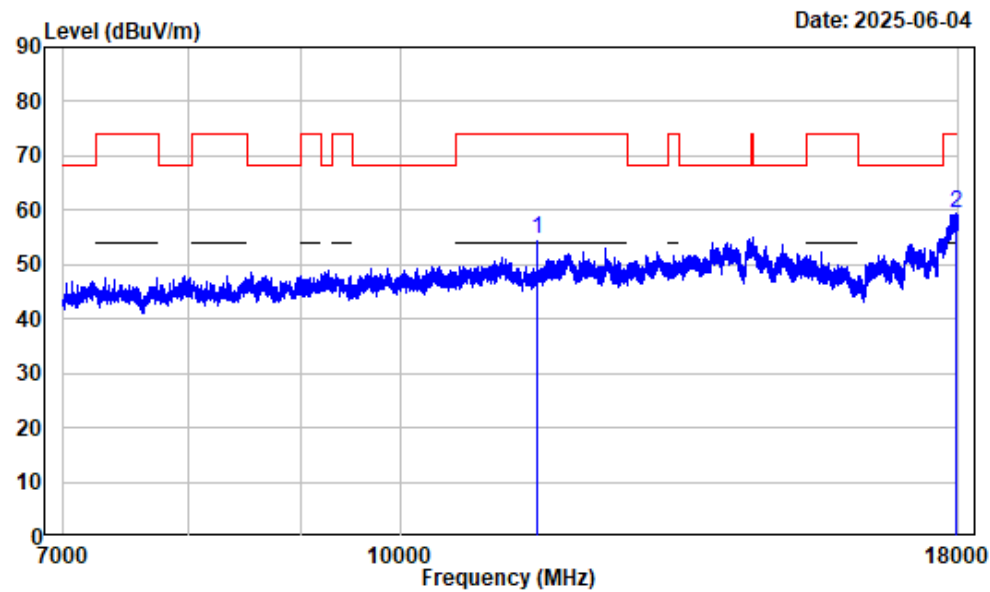|	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6917.490	-2.98	54.94	51.96	68.20	-16.24	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE40_5755MHz
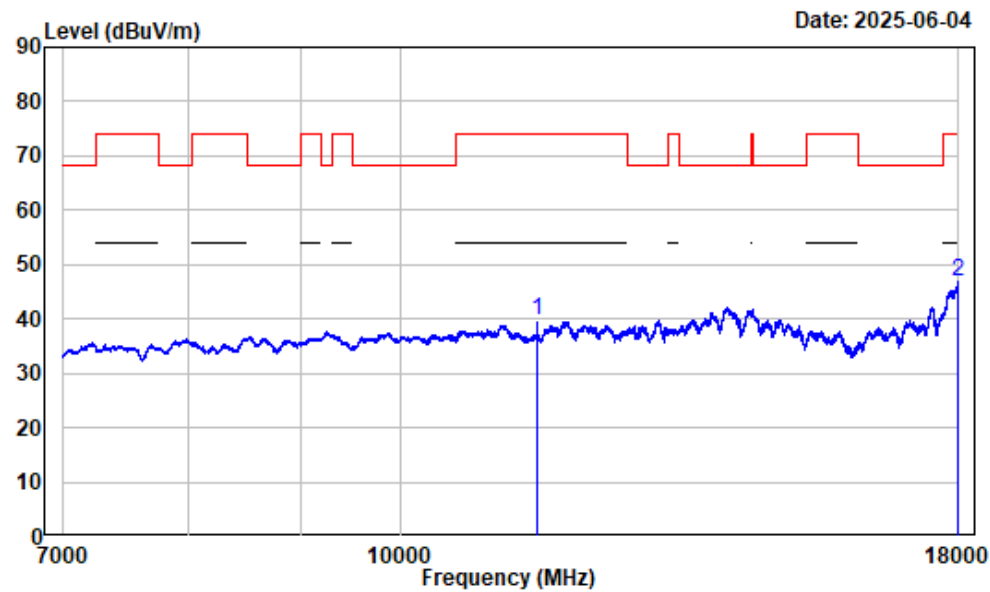

Condition   : Horizontal
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX40_ANT0&ANT1_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	3.53	51.42	54.95	74.00	-19.05	Peak
2	17972.500	13.07	47.52	60.59	74.00	-13.41	Peak

7-18GHz_Horizontal_Average_802.11ax-HE40_5755MHz

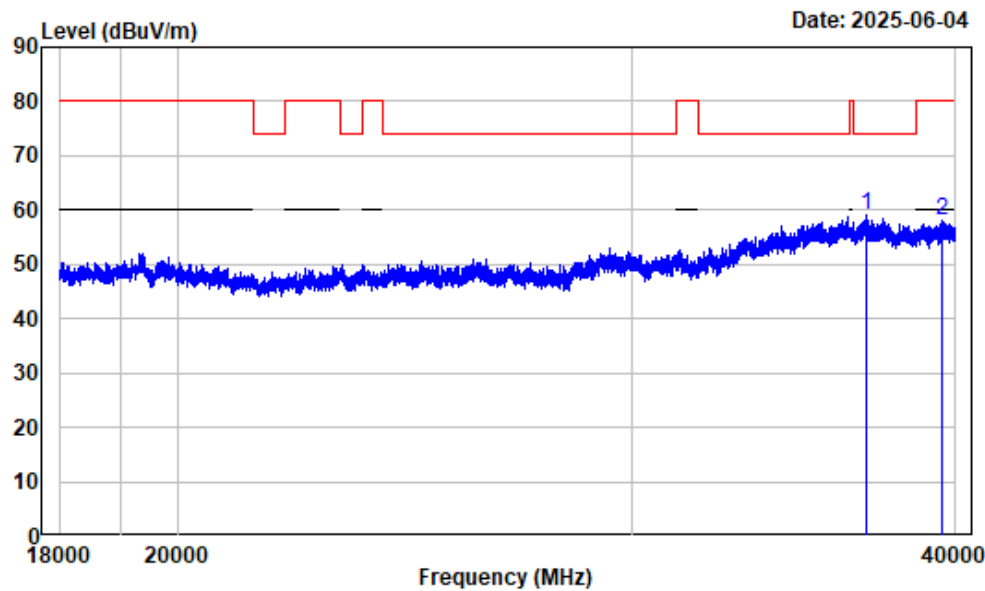
```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AX40_ANT0&ANT1_5755
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	3.53	36.91	40.44	54.00	-13.56	Average
2	17998.630	13.19	33.92	47.11	54.00	-6.89	Average

7-18GHz_Vertical_Peak_802.11ax-HE40_5755MHz
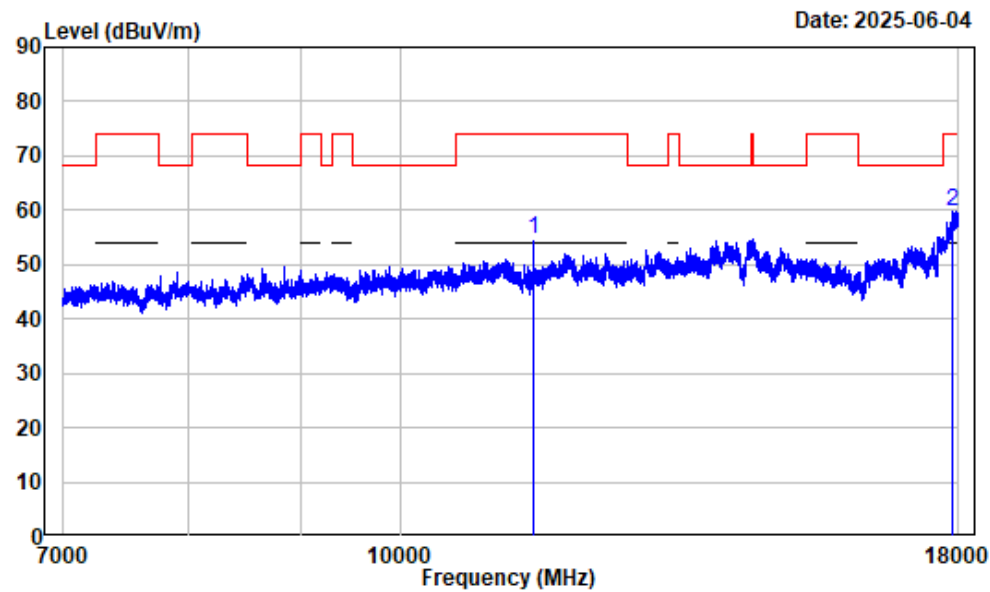
Date: 2025-06-04

Condition   : Vertical
Project No.   : 2501P42038E-RF
Tester   : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note   : 5GWiFi_B4_AX40_ANT0&ANT1_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	3.53	50.99	54.52	74.00	-19.48	Peak
2	17894.110	12.60	47.15	59.75	74.00	-14.25	Peak

7-18GHz_Vertical_Average_802.11ax-HE40_5755MHz
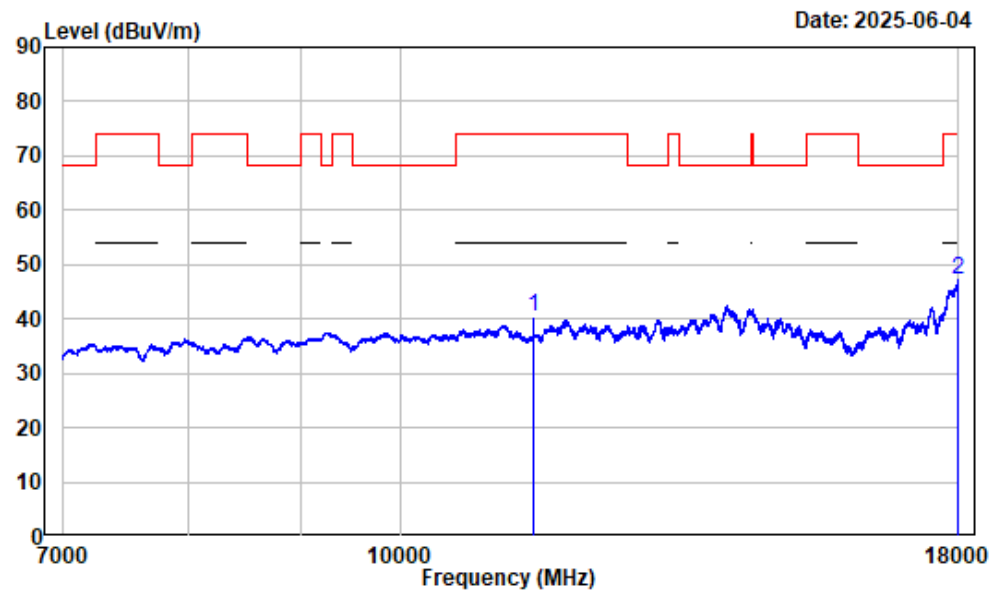

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AX40_ANT0&ANT1_5755
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	3.53	36.76	40.29	54.00	-13.71	Average
2	17998.630	13.19	33.96	47.15	54.00	-6.85	Average

1-7GHz_Horizontal_802.11ax-HE80_5775MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6264.158	-3.77	55.60	51.83	68.20	-16.37	Peak

1-7GHz_Vertical_802.11ax-HE80_5775MHz
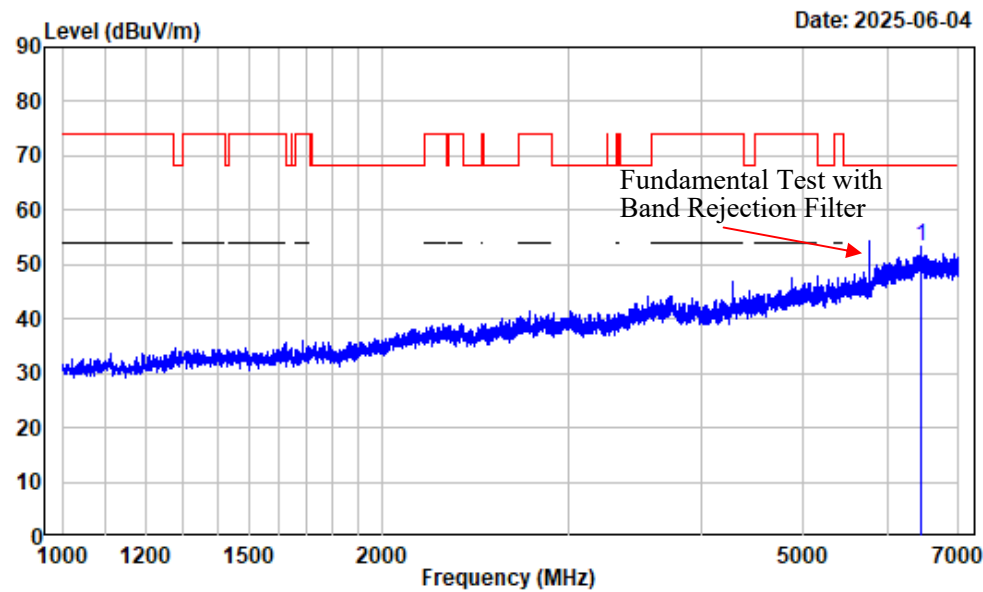

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6444.931	-2.87	56.08	53.21	68.20	-14.99	Peak

7-18GHz_Horizontal_Peak_802.11ax-HE80_5775MHz

Date: 2025-06-04


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	50.56	53.93	74.00	-20.07	Peak
2	17982.120	13.10	47.38	60.48	74.00	-13.52	Peak

7-18GHz_Horizontal_Average_802.11ax-HE80_5775MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17998.630	13.19	33.90	47.09	54.00	-6.91	Average

7-18GHz_Vertical_Peak_802.11ax-HE80_5775MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	51.45	54.82	74.00	-19.18	Peak
2	17968.370	13.05	46.29	59.34	74.00	-14.66	Peak

7-18GHz_Vertical_Average_802.11ax-HE80_5775MHz


```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note             : 5GWiFi_B4_AX80_ANT0&ANT1_5775
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	3.37	36.31	39.68	54.00	-14.32	Average
2	17998.630	13.19	33.54	46.73	54.00	-7.27	Average

18-40GHz (Only Listed with the worst harmonic margin test plot):

18-40GHz_Horizontal_802.11ac-VHT20_5825MHz


```
Condition        : Horizontal
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

	Freq MHz	Factor dB/m	Read Level dBuV	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Remark
1	36919.610	22.78	36.16	58.94	74.20	-15.26	peak
2	39513.190	22.21	35.88	58.09	80.00	-21.91	Peak

18-40GHz_Vertical_802.11ac-VHT20_5825MHz
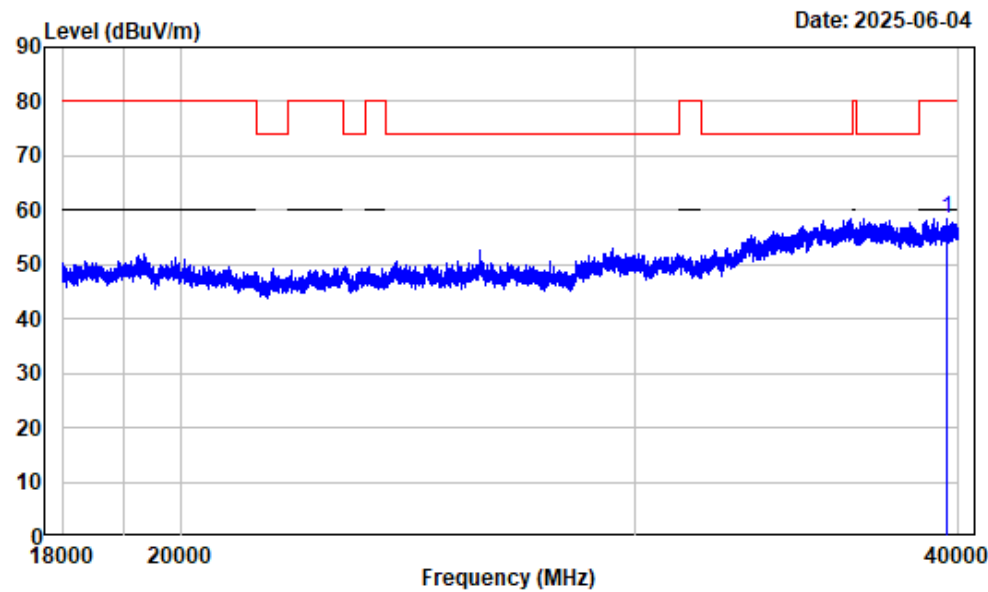

```
Condition        : Vertical
Project No.      : 2501P42038E-RF
Tester           : Visen Wu
Spectrum setting : Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note             : 5GWiFi_B4_AC20_ANT0&ANT1_5825
```

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39606.700	22.26	36.12	58.38	80.00	-21.62	peak

RF Conducted data

Emission Bandwidth

Test Information:

Sample No.:	306X-1	**Test Date:**	2025/04/16~2025/06/25
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	25.5-26.9	Relative Humidity: (%)	47-55	ATM Pressure: (kPa)	100.1~101

Test Data:

26dB Emission Bandwidth
5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 0	5180	26.768
		5200	26.429
		5240	25.610
	Chain 1	5180	24.927
		5200	23.976
		5240	23.277
802.11ac20	Chain 0	5180	26.156
		5200	25.779
		5240	26.794
	Chain 1	5180	26.558
		5200	23.788
		5240	24.672
802.11ac40	Chain 0	5190	40.741
		5230	40.641
	Chain 1	5190	39.740
		5230	39.940
802.11ac80	Chain 0	5210	**81.081**
	Chain 1	5210	80.681
802.11ax20_RU_Full	Chain 0	5180	21.395
		5200	22.809
		5240	22.759
	Chain 1	5180	22.792
		5200	21.567
		5240	23.146
802.11ax40_RU_Full	Chain 0	5190	41.642
		5230	43.143
	Chain 1	5190	41.141
		5230	41.842
802.11ax80_RU_Full	Chain 0	5210	85.686
	Chain 1	5210	**86.487**

6dB Emission Bandwidth
5725-5850MHz

| Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 0	5745	16.466	0.5	Pass
		5785	16.466	0.5	Pass
		5825	16.416	0.5	Pass
	Chain 1	5745	16.466	0.5	Pass
		5785	16.466	0.5	Pass
		5825	16.416	0.5	Pass
802.11ac20	Chain 0	5745	17.718	0.5	Pass
		5785	17.718	0.5	Pass
		5825	17.668	0.5	Pass
	Chain 1	5745	17.718	0.5	Pass
		5785	17.718	0.5	Pass
		5825	17.668	0.5	Pass
802.11ac40	Chain 0	5755	36.236	0.5	Pass
		5795	35.936	0.5	Pass
	Chain 1	5755	34.635	0.5	Pass
		5795	35.836	0.5	Pass
802.11ac80	Chain 0	5775	**76.877**	0.5	Pass
	Chain 1	5775	76.677	0.5	Pass
802.11ax20_RU_Full	Chain 0	5745	18.519	0.5	Pass
		5785	19.019	0.5	Pass
		5825	18.669	0.5	Pass
	Chain 1	5745	18.919	0.5	Pass
		5785	18.869	0.5	Pass
		5825	18.719	0.5	Pass
802.11ax40_RU_Full	Chain 0	5755	35.235	0.5	Pass
		5795	35.335	0.5	Pass
	Chain 1	5755	35.235	0.5	Pass
		5795	36.136	0.5	Pass
802.11ax80_RU_Full	Chain 0	5775	**78.278**	0.5	Pass
	Chain 1	5775	**78.078**	0.5	Pass

5150-5250MHz

802.11a_5180MHz_Chain 0
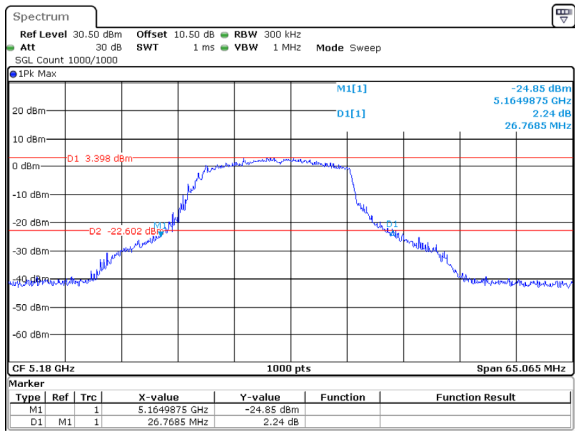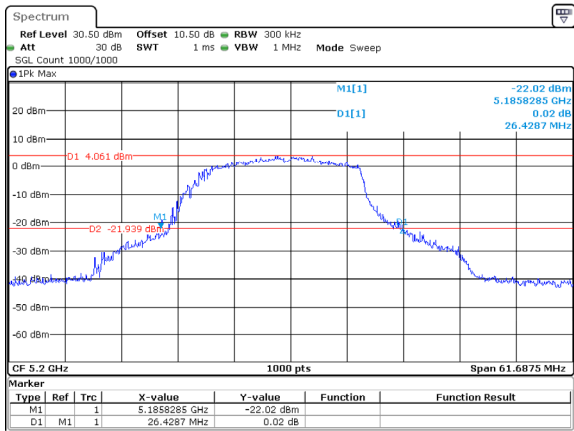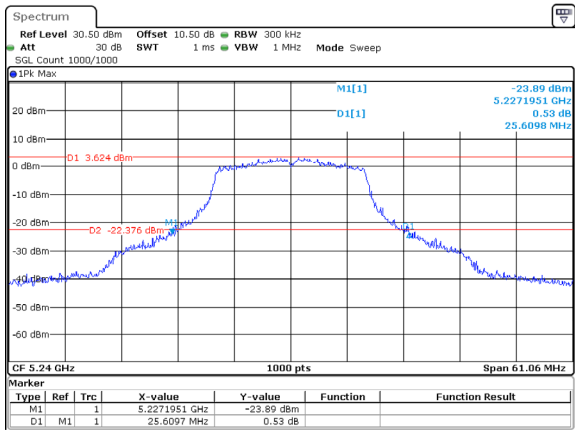
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
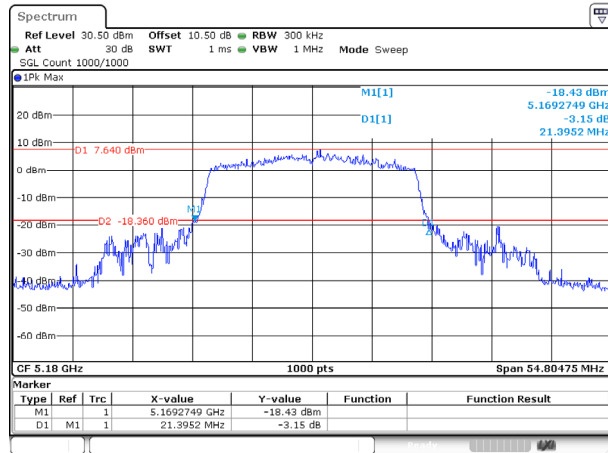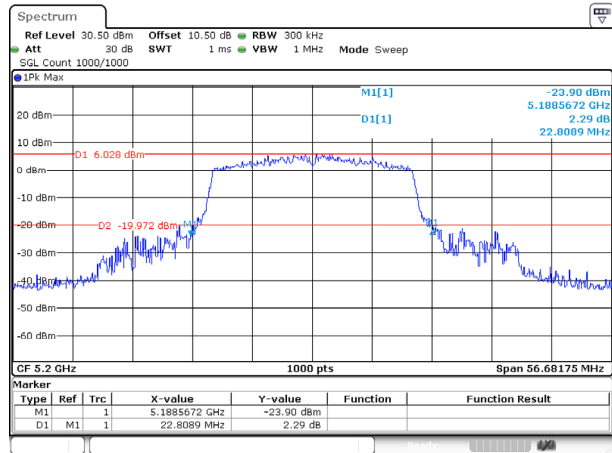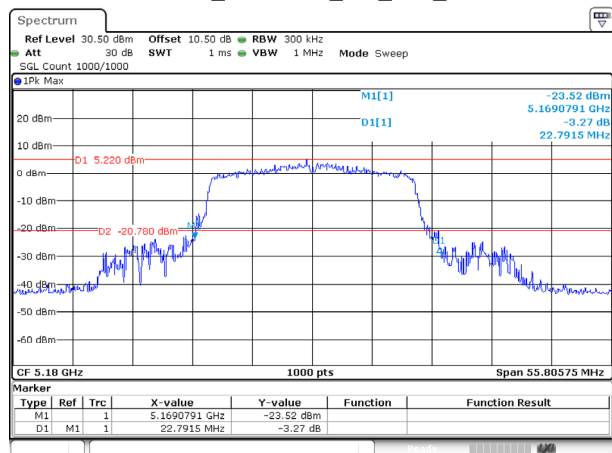Date: 16.APR.2025 00:07:17

802.11a_5200MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 16.APR.2025 00:09:39

802.11a_5240MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
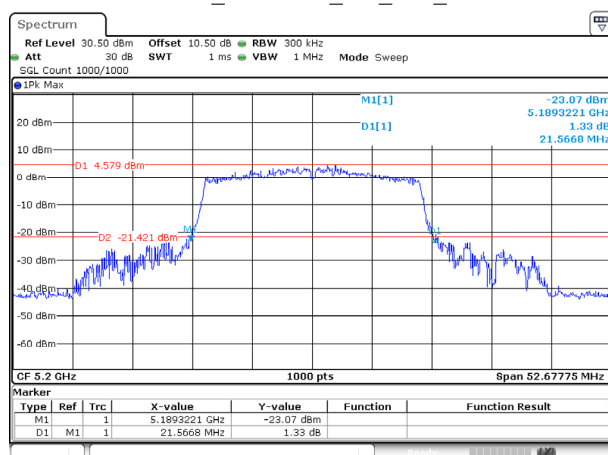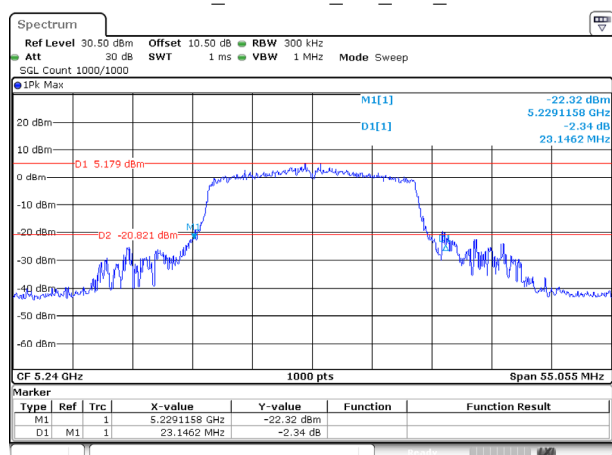Date: 16.APR.2025 00:11:44

802.11a_5180MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 16.APR.2025 00:27:07

802.11a_5200MHz_Chain 1

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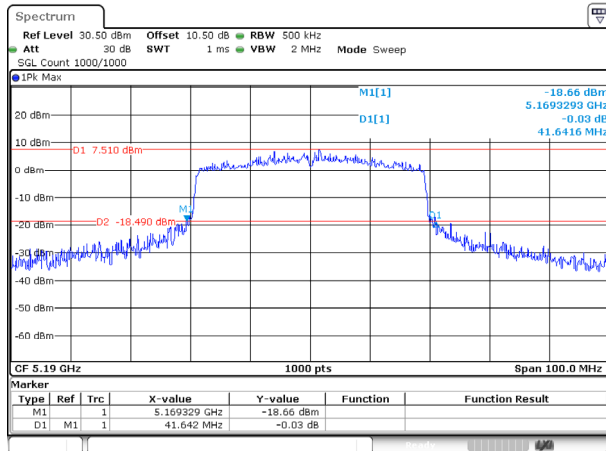Date: 16.APR.2025 00:29:18

802.11a_5240MHz_Chain 1

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Date: 16.APR.2025 00:31:19
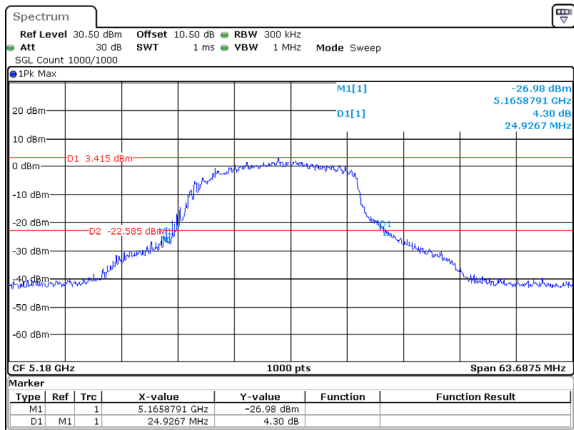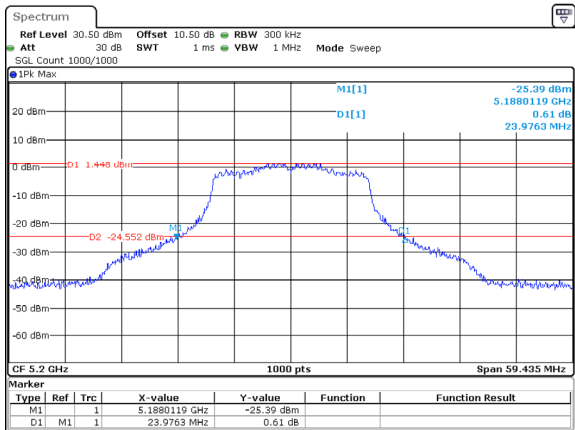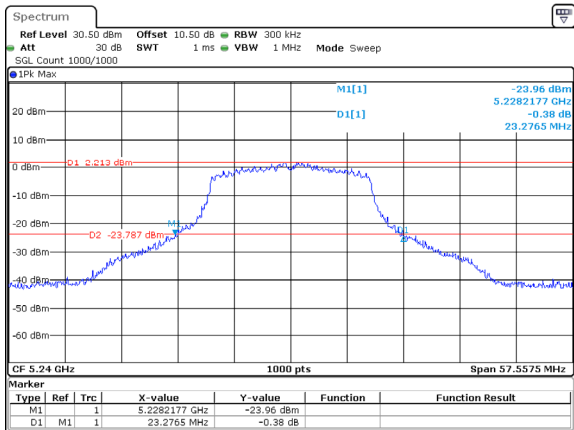
802.11ac20_5180MHz_Chain 0
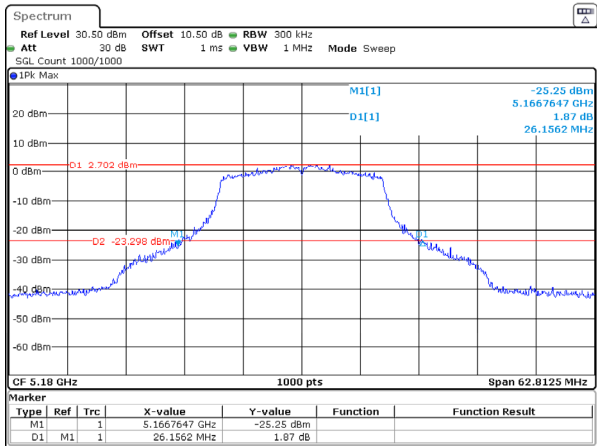
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Date: 16.APR.2025 22:58:49

802.11ac20_5200MHz_Chain 0
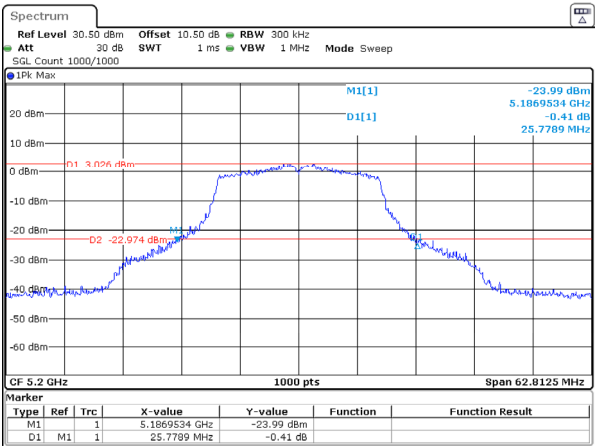
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Date: 16.APR.2025 23:05:46

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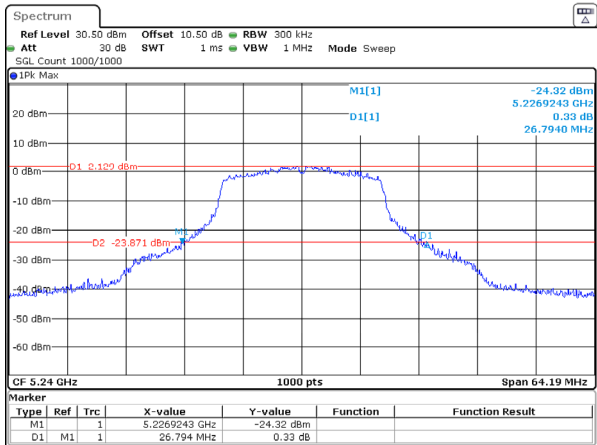
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang

Date: 16.APR.2025 23:03:07

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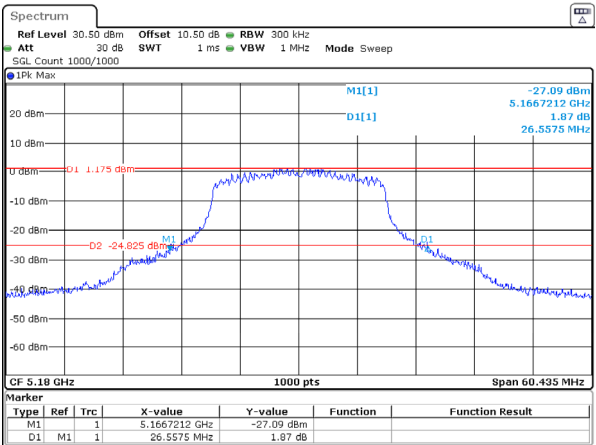
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang

Date: 16.APR.2025 23:47:14

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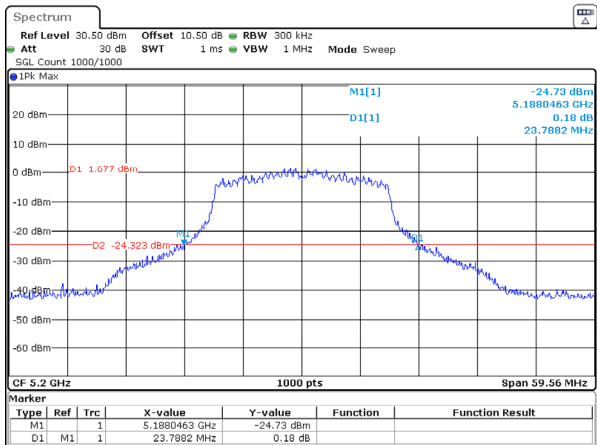
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Date: 16.APR.2025 23:50:32

802.11ac20_5240MHz_Chain 1
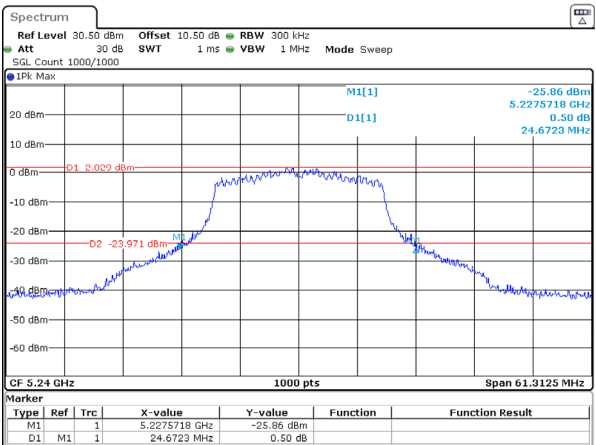
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Date: 16.APR.2025 23:52:38

802.11ac40_5190MHz_Chain 0
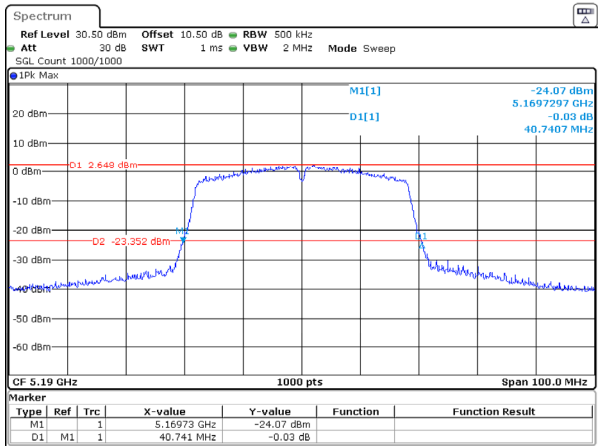
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Date: 16.APR.2025 23:12:51

802.11ac40_5230MHz_Chain 0
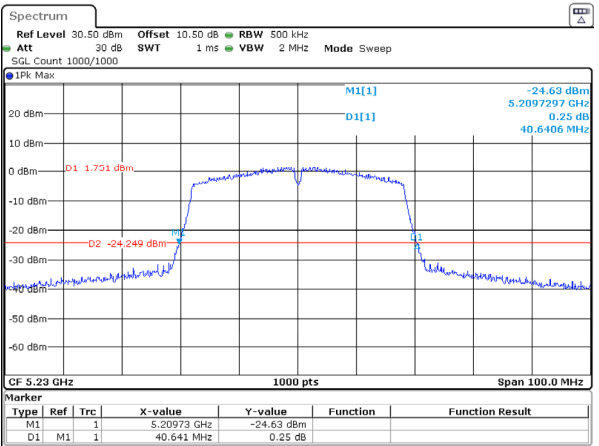
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Date: 16.APR.2025 23:14:15

802.11ac40_5190MHz_Chain 1
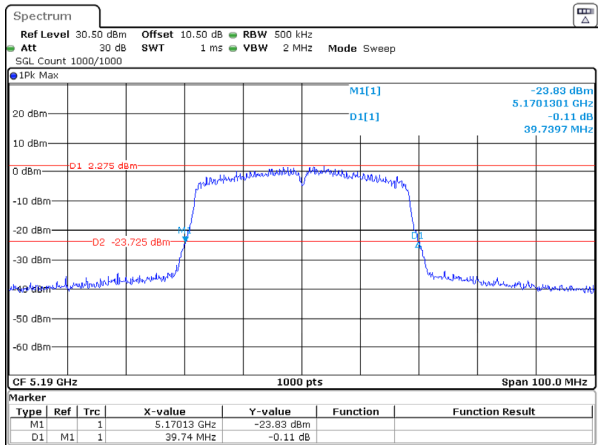
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Date: 16.APR.2025 23:56:43

802.11ac40_5230MHz_Chain 1
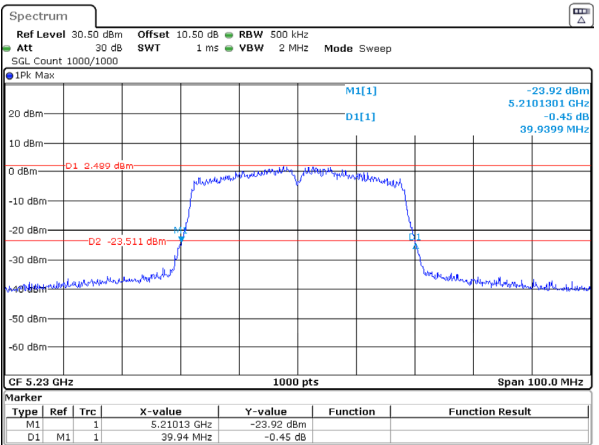
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Date: 17.APR.2025 00:00:58

802.11ac80_5210MHz_Chain 0
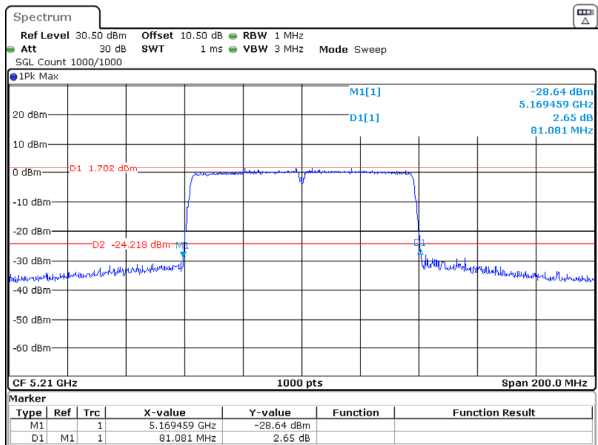
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Date: 16.APR.2025 23:20:53

802.11ac80_5210MHz_Chain 1
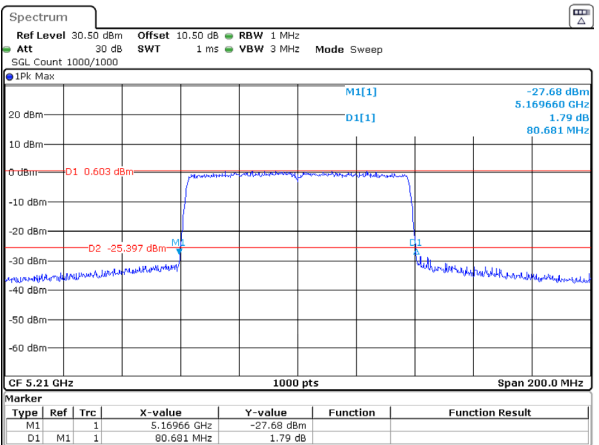
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Date: 17.APR.2025 00:08:22

802.11ax20_5180MHz_RU_Full_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
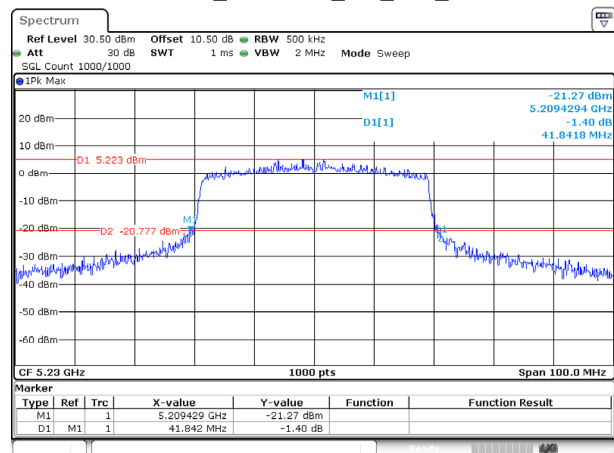Date: 25.JUN.2025 09:53:31

802.11ax20_5200MHz_RU_Full_Chain 0

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Date: 25.JUN.2025 09:54:42

802.11ax20_5240MHz_RU_Full_Chain 0
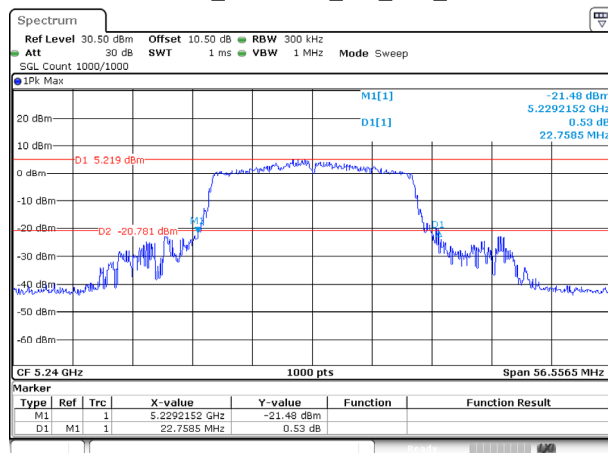
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Date: 25.JUN.2025 09:55:48

802.11ax20_5180MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:09:51

802.11ax20_5200MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:11:45

802.11ax20_5240MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:13:36

802.11ax40_5190MHz_RU_Full_Chain 0
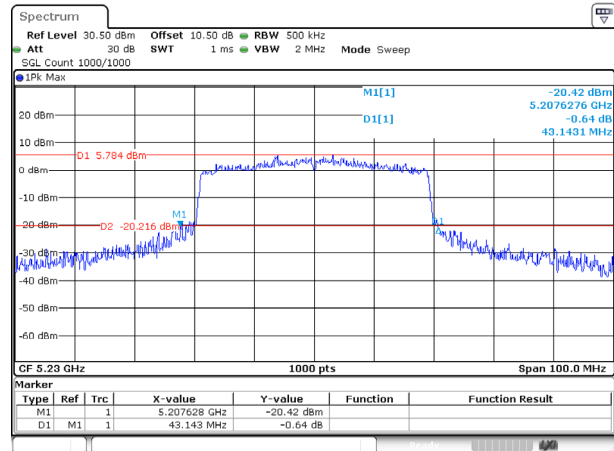
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Date: 25.JUN.2025 09:56:45

802.11ax40_5230MHz_RU_Full_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 09:57:27

802.11ax40_5190MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:17:02

802.11ax40_5230MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:17:56

802.11ax80_5210MHz_RU_Full_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 09:58:25

802.11ax80_5210MHz_RU_Full_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:18:55
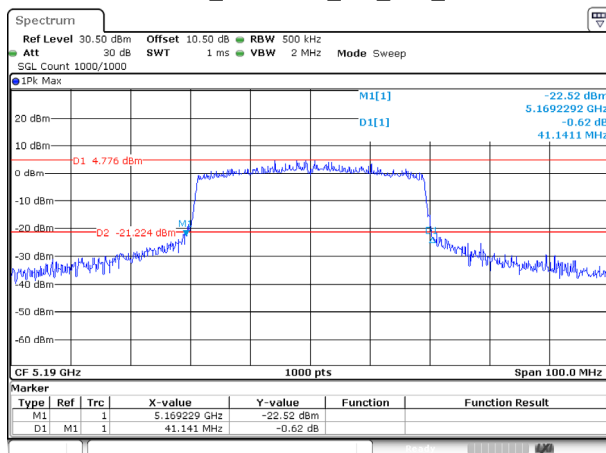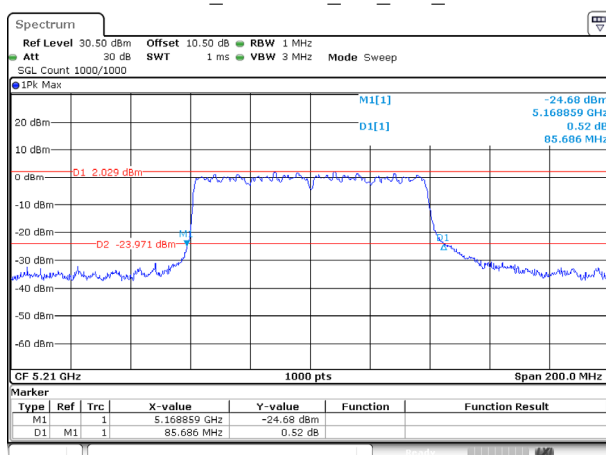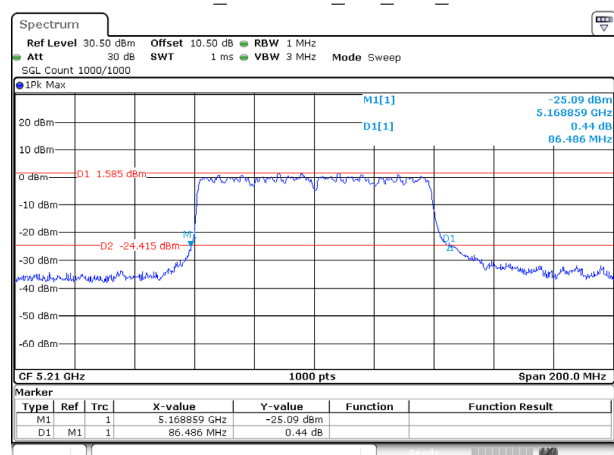
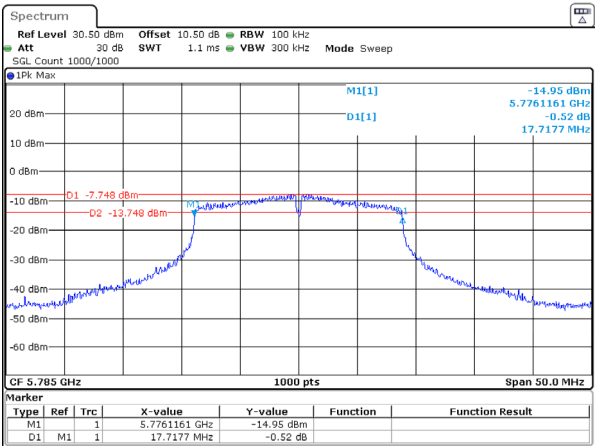**5725-5850MHz**

802.11a_5745MHz_Chain 0
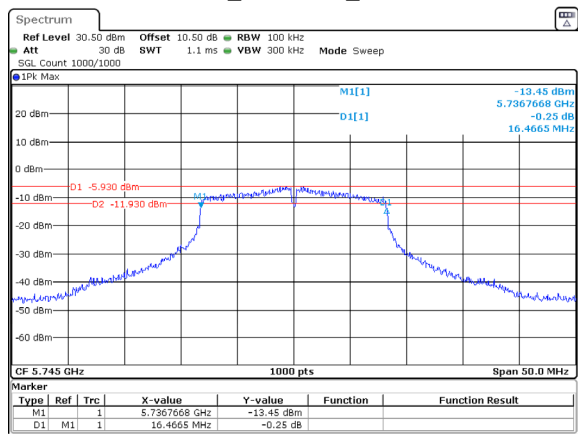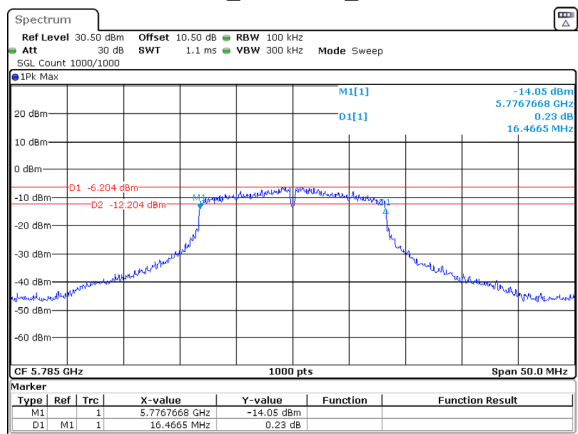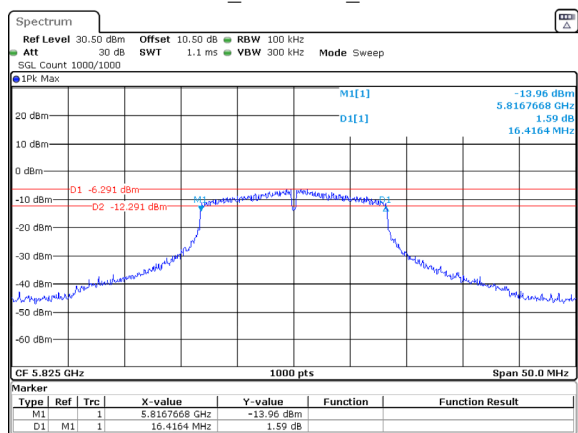
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:15:33

802.11a_5785MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:18:26

802.11a_5825MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:20:27

802.11a_5745MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:22:55

802.11a_5785MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:25:23

802.11a_5825MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 01:27:27
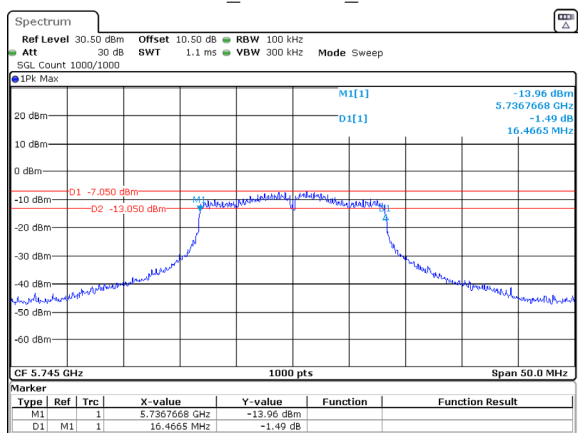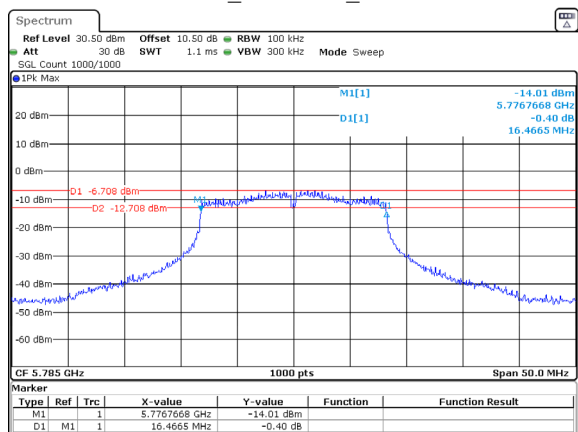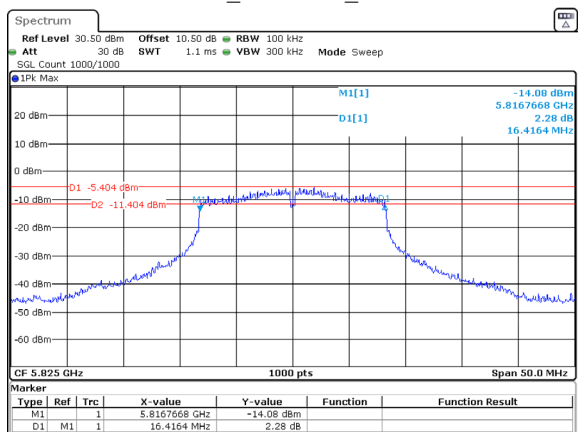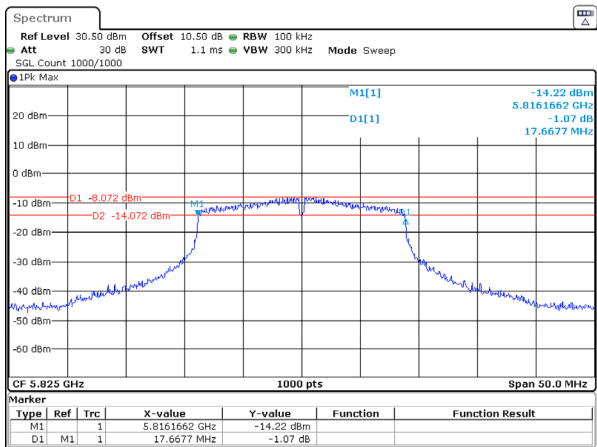
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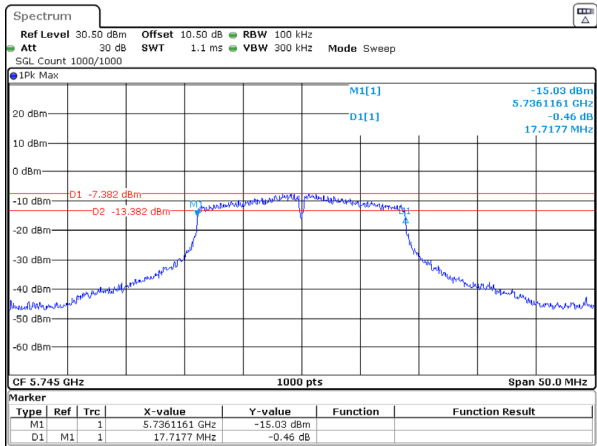
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Date: 16.APR.2025 23:27:59
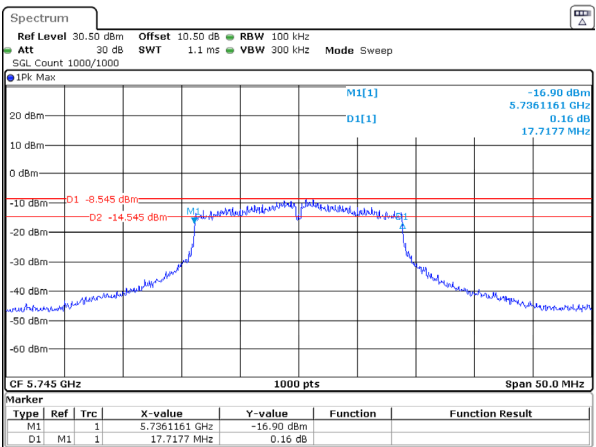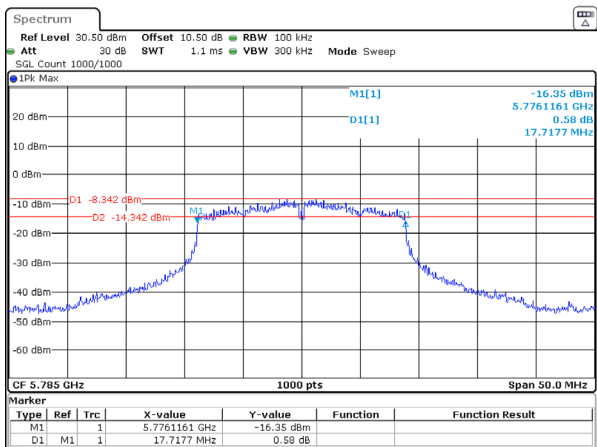
802.11ac20_5785MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 16.APR.2025 23:30:21

802.11ac20_5825MHz_Chain 0

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 16.APR.2025 23:32:25

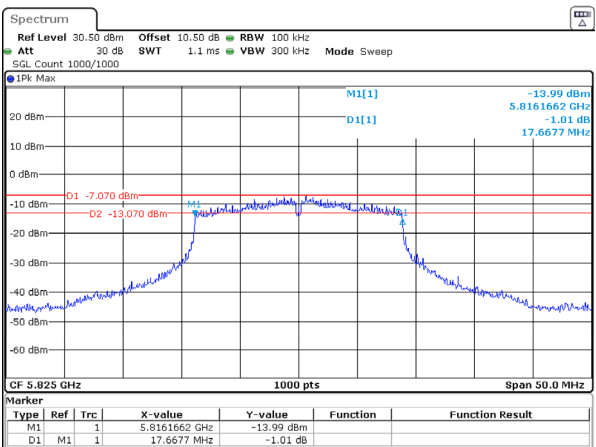### 802.11ac20_5745MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 00:41:57

802.11ac20_5785MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 00:44:16

802.11ac20_5825MHz_Chain 1

ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 17.APR.2025 00:46:16