

TEST REPORT

Applicant Name: JEM ACCESSORIES INC.
Address: 32 Brunswick Avenue, Edison, New Jersey, United States, 08817
Report Number: 2601S22685E-RF-00B
FCC ID: 2AHAS-PIA31007Y

Test Standard (s)

FCC PART 15.407

Sample Description

Product Type: ONN Wireless Car Adapter
Model No.: PIA3-1007-SIL
Multiple Model(s) No.: N/A
Trade Mark: N/A
Date Received: 2026-04-15
Issue Date: 2026-05-15

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

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Approved By:

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RF Supervisor

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601S22685E-RF-00B	Original Report	2026-05-15

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Frequency Range	5150-5250MHz, 5725-5850MHz
Device Type	Client Device
Mode	802.11a/n20/n40/ac20/ac40
Maximum Conducted Average Output Power	5150-5250MHz: 12.36dBm 5725-5850MHz: 17.15dBm
Modulation Technique	OFDM
Antenna Specification[#]	5150-5250MHz: 0.60dBi, 5725-5850MHz: 2.61dBi(provided by the applicant)
Voltage Range	DC 5V from USB port
Sample serial number	3JZ0-2 for Radiated Emissions Test 3JZ0-4 for RF Conducted Test (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	N/A

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, 15.209 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		52.29kHz(k=1.96, 95% level of confidence)
RF Frequency		81.235Hz(k=1.96, 95% level of confidence)
RF output power, conducted		1.57dB(k=1.96, 95% level of confidence)
Power Spectral Density		2.09dB(k=1.96, 95% level of confidence)
Conducted Spurious Emission		2.48dB(k=1.96, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz~150 kHz	3.46dB(k=2, 95% level of confidence)
	150 kHz ~30MHz	3.72dB(k=2, 95% level of confidence)
Radiated Emissions	0.009MHz~30MHz	3.66dB(k=2, 95% level of confidence)
	30MHz~1000MHz (Horizontal)	5.10dB(k=2, 95% level of confidence)
	30MHz~1000MHz (Vertical)	6.28dB(k=2, 95% level of confidence)
	1GHz - 6GHz	6.18dB(k=2, 95% level of confidence)
	6GHz - 18GHz	6.62dB(k=2, 95% level of confidence)
	18GHz - 40GHz	6.66dB(k=2, 95% level of confidence)
Temperature		$\pm 0.4^{\circ}\text{C}$
Humidity		$\pm 2\%$
Supply voltages		DC $\pm 0.4\%$; AC $\pm 1\%$

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, test firm 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, 6 channels are provided to testing:

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

For 802.11a/ac20 mode: channel 36, 40, 48 were tested;

For 802.11ac40 mode: channel 38, 46 were tested.

For 5725-5850MHz Band, 7 channels are provided to testing:

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

For 802.11a/ac20 mode: channel 149, 157, 165 were tested;

For 802.11ac40 mode: channel 151, 159 were tested.

EUT Exercise Software

Exercise Software [#]	SecureCRTPortable.exe			
5150-5250 MHz Band				
Mode	Test Channels	Test Frequency (MHz)	Data rate	Power Level [#]
802.11a	Low	5180	6Mbps	20
	Middle	5200	6Mbps	20
	High	5240	6Mbps	20
802.11ac-VHT20	Low	5180	MCS0	20
	Middle	5200	MCS0	20
	High	5240	MCS0	20
802.11ac-VHT40	Low	5190	MCS0	20
	High	5230	MCS0	20

5725-5850 MHz Band				
Mode	Test Channels	Test Frequency (MHz)	Data rate	Power Level [#]
802.11a	Low	5745	6Mbps	20
	Middle	5785	6Mbps	20
	High	5825	6Mbps	20
802.11ac-VHT20	Low	5745	MCS0	20
	Middle	5785	MCS0	20
	High	5825	MCS0	20
802.11ac-VHT40	Low	5755	MCS0	20
	High	5795	MCS0	20
Note: 1. The worst-case data rates are determined to be as follows for each mode based upon investigation by measuring the power and PSD across all data rates bandwidths, and modulations. 2. The n20/n40 mode was reduced test as identical parameter with ac20/ac40 mode.				

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

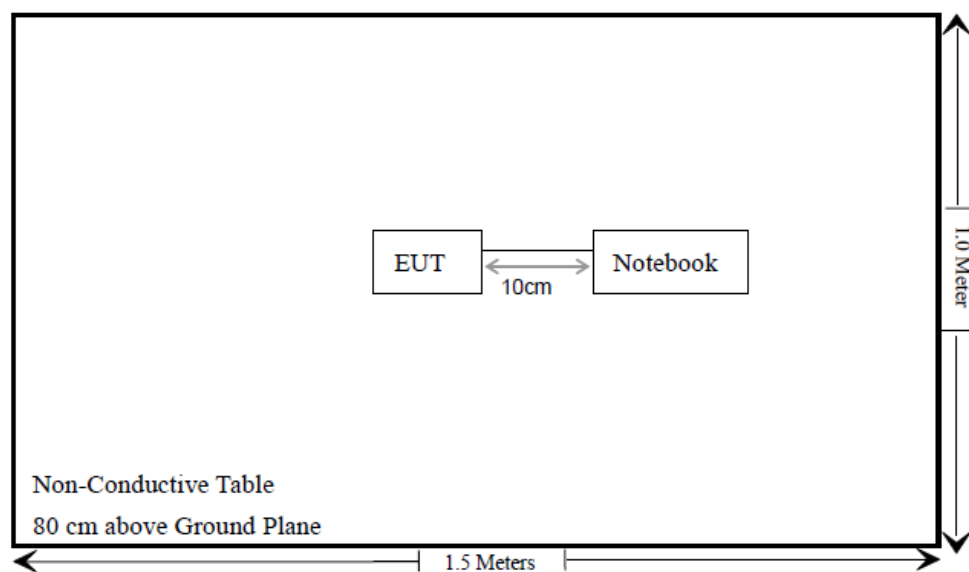
Manufacturer	Description	Model	Serial Number
DELL	Notebook	Latitude E6410	11429208685

External I/O Cable

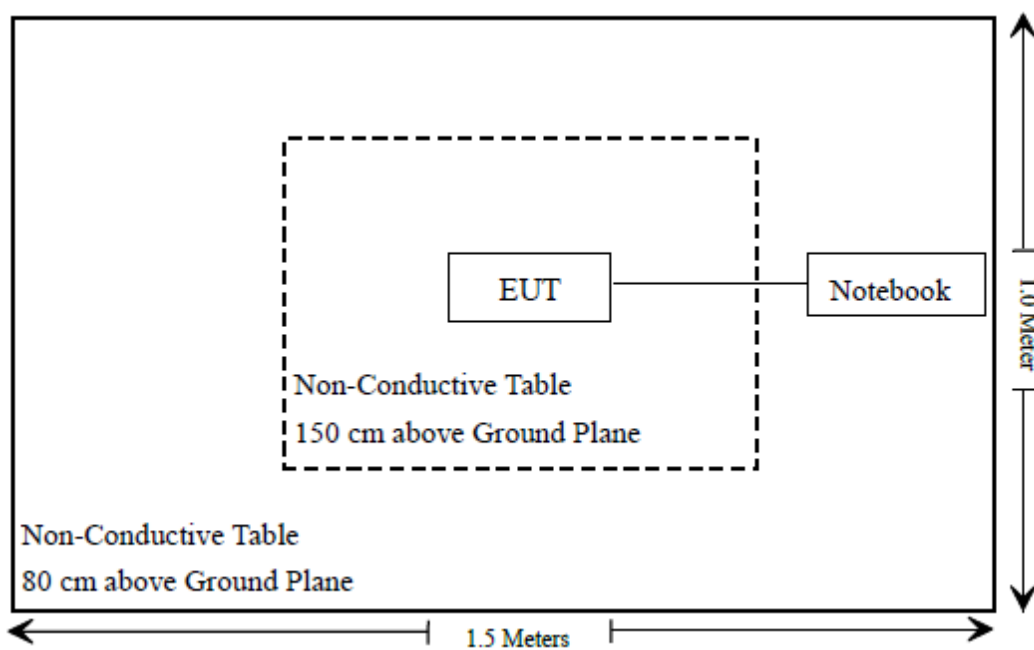
Cable Description	Length (m)	From Port	To
Unshielded Detachable USB Cable	1.2	EUT	Notebook

Block Diagram of Test Setup

For Radiated Emissions below 1GHz:



For Radiated Emissions above 1GHz:



SUMMARY OF TEST RESULTS

Test Rules	Description of Test	Result
FCC §1.1307 (b) & §2.1091	MPE-Based Exemption	Compliant
FCC §15.203	Antenna Requirement	Compliant
FCC §15.207(a)	AC Line Conducted Emissions	Not Applicable*
FCC §15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliant
FCC §15.407(a) (e)	Emission Bandwidth & 99% Occupied Bandwidth	Compliant
FCC §15.407(a)	Conducted Transmitter Output Power	Compliant
FCC §15.407 (a)	Power Spectral Density	Compliant
FCC §15.407 (h)	Transmit Power Control (TPC)	Not Applicable
FCC §15.407 (h)	Dynamic Frequency Selection (DFS)	Not Applicable
C63.10 §11.6	Duty Cycle	/

Not Applicable: The device only operates in 5150-5250MHz, 5725~5850MHz range.

Not Applicable*: This device is a vehicle-mounted device.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2025/09/01	2026/08/31
Sonoma instrument	Pre-amplifier	310 N	186238	2025/09/08	2026/09/07
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Unknown	Chamber A Cable	Cable A3	Cable A3	2025/09/08	2026/09/07
Unknown	Chamber A Cable	Cable A4	Cable A4	2025/09/08	2026/09/07
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
TDK	Chamber	Chamber A	2#	2023/07/12	2026/07/11
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2025/09/01	2026/08/31
A.H.System	Preamplifier	PAM-0118P	489	2025/09/08	2026/09/07
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2023/07/26	2026/07/25
=Unknown	Chamber B Cable	Cable B1	Cable B1	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B2	Cable B2	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B3	Cable B3	2025/09/08	2026/09/07
JD	Filter Switch Unit	DT7220FSU	DS79906	2025/08/12	2026/08/11
JD	Multiplex Switch Test Control Set	DT7220SCU	DS79903	2025/08/12	2026/08/11
A.H.System	Pre-amplifier	PAM-1840VH	190	2025/09/08	2026/09/07
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
Unknown	Chamber B Cable	Cable B4	Cable B4	2025/09/17	2026/09/16
Unknown	Chamber B Cable	Cable B5	Cable B5	2025/09/17	2026/09/16
Audix	EMI Test software	E3	191218 V9(c)	NCR	NCR
TDK	Chamber	Chamber B	1#	2023/07/14	2026/07/13
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101942	2025/09/01	2026/08/31
ANRITSU	Microwave peak power sensor	MA24418A	12622	2025/09/01	2026/08/31
Unknown	10dB Attenuator	Unknown	F-03-EM224	2025/06/26	2026/06/25
JD	JD Auto Test software	NA	1.0.0.3769	NCR	NCR

*** 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

Undesirable Emission

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

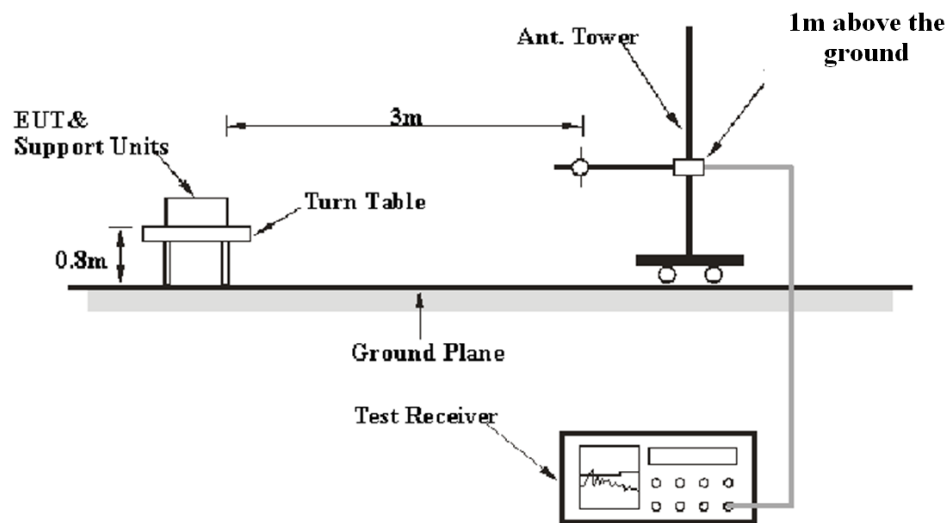
(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

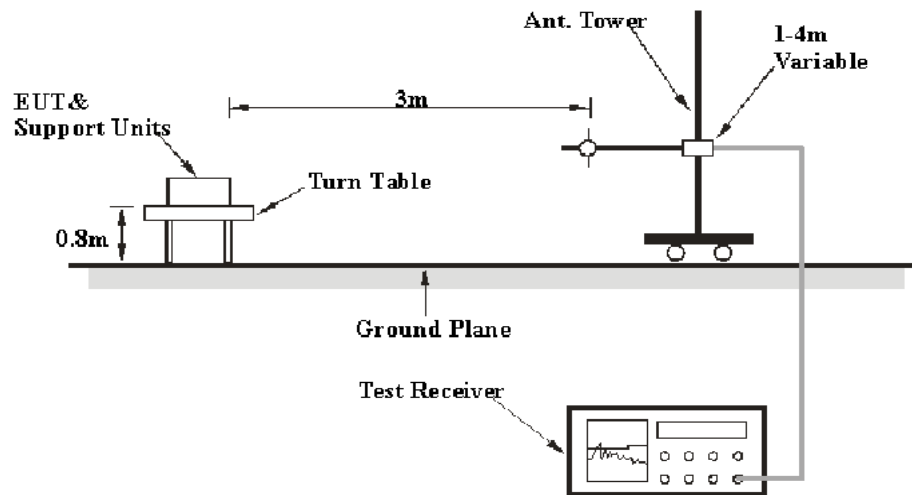
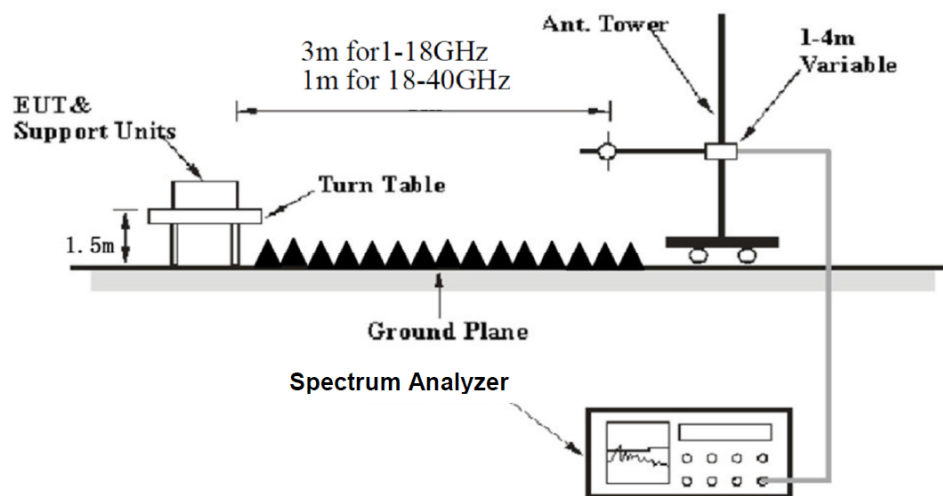
- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (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
	120 kHz	500 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, not less than 1kHz	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	10 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 $20 \cdot \log(1/3) = -9.5$ dB, for 18-40GHz range, the limit of 1m distance was added by 9.5dB from limit of 3m to compared with the result measurement at 1m 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:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

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:

$$\begin{aligned} \text{Over Limit} &= \text{Level} - \text{Limit}; \text{Margin} = \text{Limit} - \text{Corrected Amplitude} \\ \text{Level / Corrected Amplitude} &= \text{Read Level} + \text{Factor} \end{aligned}$$

Emission Bandwidth & 99% Occupied 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) $\geq 3 \times$ 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:

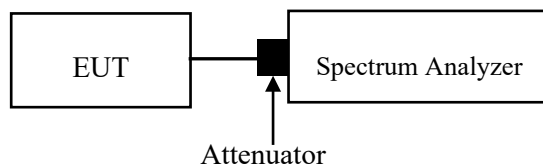
- a) Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- b) Set the VBW $>$ RBW.
- c) Detector = peak.
- d) Trace mode = max-hold.
- e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. 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).



Note: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

Conducted Transmitter Output Power

Applicable Standard

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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.

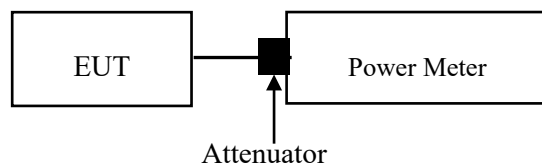
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not 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 colocated 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.



Note 1: 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

Note 2: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

Power Spectral Density

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

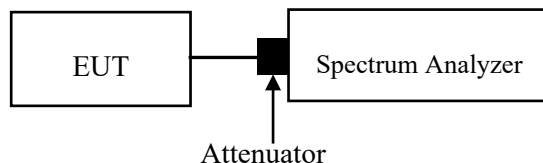
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting 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 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 $11 \text{ dBm} + 10 \log B$, 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 colocated 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 1: 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

Note 2: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

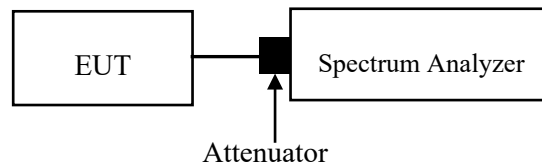
Duty Cycle

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 $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
 - 3) Set $VBW \geq RBW$. 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 $T \leq 16.7 \mu s$.)



Note: Offset (10.5dB) = Attenuator (10dB) + Cable loss (0.5dB)

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
BT	2402-2480	7.5	4.29	2.14	9.64	9.20	0.2	768
5.2G Wi-Fi	5180-5240	13.0	0.60	-1.55	11.45	13.96	0.2	768
5.8G Wi-Fi	5745-5825	18.0	2.61	0.46	18.46	70.15	0.2	768

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.

2. 0dBd=2.15dBi

3. The BT and 5G Wi-Fi cannot transmit at same time.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

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 an internal antenna arrangement, which was permanently attached, fulfill the requirement of this section. Please refer to the EUT photos.

Antenna Type	Antenna Gain [#]	Impedance	Frequency Range
PCB	0.60	50Ω	5150-5250MHz
	2.61	50Ω	5725-5850MHz

Result: Compliant

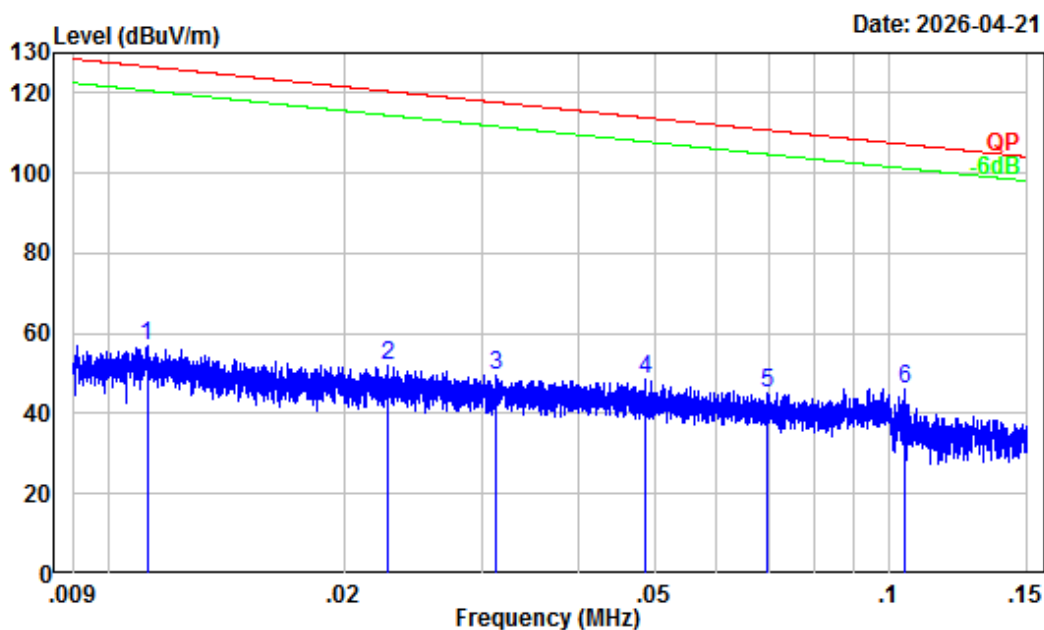
TEST DATA AND RESULTS

Undesirable Emission

Temperature (°C)	24.3-24.7	Relative Humidity (%)	49-51
ATM Pressure (kPa):	100.4-101.5	Test engineer:	Anson Su& Zenos Qiao
Test date:	2026.04.21		
EUT operation mode:	Below 1GHz: Transmitting (Maximum output power mode, 802.11ac40 5795MHz) Above 1GHz: Transmitting		
Note:	1. For the radiated spurious emission below 30MHz, only the worst case (parallel) was recorded. 2. For the radiated spurious emission below 1GHz, When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value was 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:

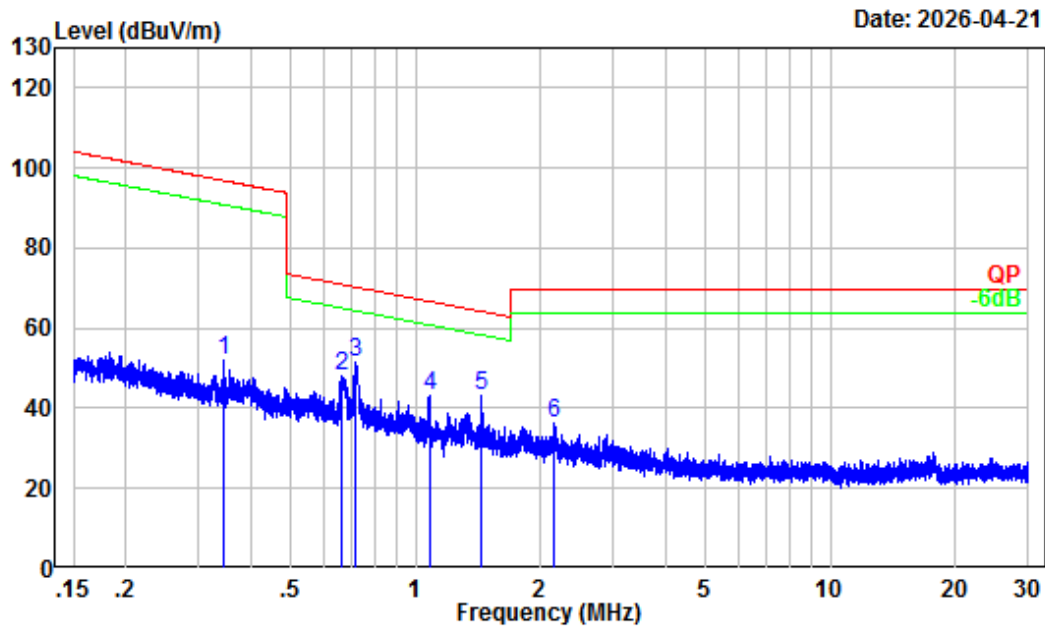
9kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2601S22685E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.011	32.07	24.61	56.68	126.62	-69.94	Peak
2	0.023	29.87	22.36	52.23	120.46	-68.23	Peak
3	0.031	28.35	21.33	49.68	117.66	-67.98	Peak
4	0.049	26.53	21.93	48.46	113.85	-65.39	Peak
5	0.070	24.44	20.73	45.17	110.75	-65.58	Peak
6	0.105	21.72	24.31	46.03	107.21	-61.18	Peak

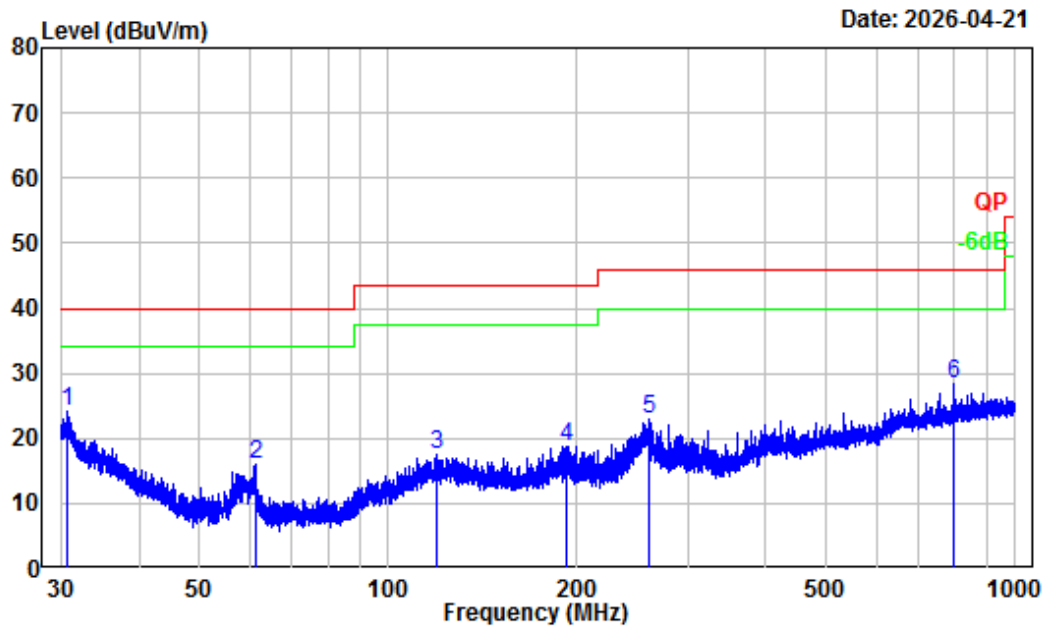
150kHz-30MHz



Site : Chamber A
Condition : 3m
Project Number : 2601S22685E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.343	9.38	42.69	52.07	96.89	-44.82	Peak
2	0.663	4.39	43.51	47.90	71.12	-23.22	Peak
3	0.720	3.69	47.83	51.52	70.39	-18.87	Peak
4	1.080	0.98	42.06	43.04	66.79	-23.75	Peak
5	1.445	-0.05	43.33	43.28	64.21	-20.93	Peak
6	2.167	-1.69	37.86	36.17	69.54	-33.37	Peak

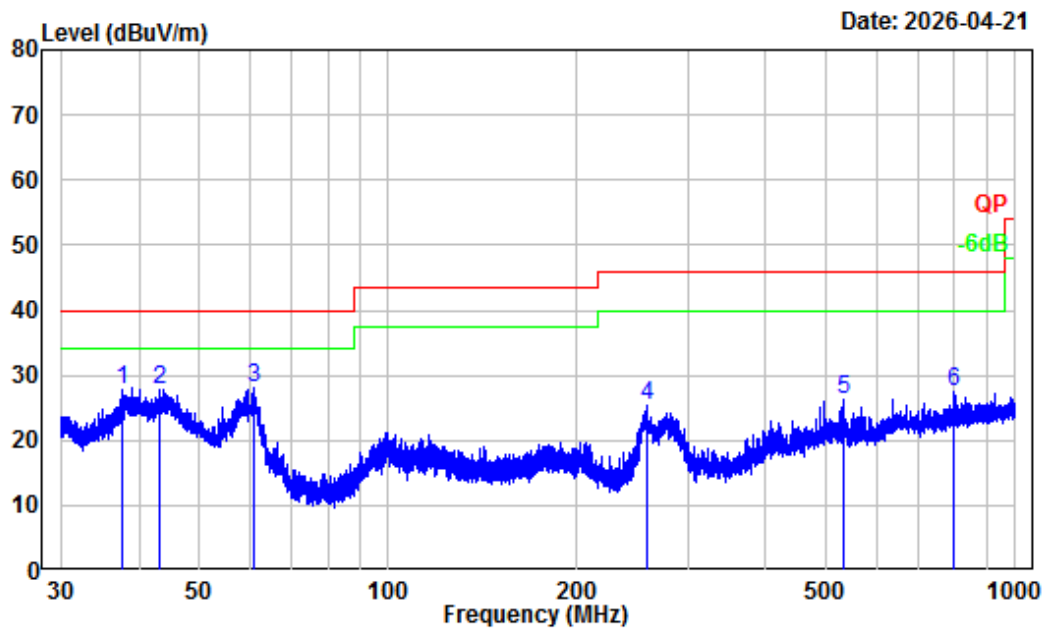
30MHz-1GHz_Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2601S22685E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 120/500kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	30.76	-6.26	30.36	24.10	40.00	-15.90	Peak
2	61.27	-18.20	34.13	15.93	40.00	-24.07	Peak
3	119.38	-11.90	29.35	17.45	43.50	-26.05	Peak
4	192.00	-13.89	32.68	18.79	43.50	-24.71	Peak
5	261.40	-13.06	36.08	23.02	46.00	-22.98	Peak
6	797.23	-2.61	31.04	28.43	46.00	-17.57	Peak

30MHz-1GHz_Vertical



Site : Chamber A
Condition : 3m Vertical
Project Number : 2601S22685E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 120/500kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	37.61	-10.68	38.53	27.85	40.00	-12.15	Peak
2	43.01	-14.59	42.42	27.83	40.00	-12.17	Peak
3	61.02	-18.21	46.33	28.12	40.00	-11.88	Peak
4	257.99	-13.33	38.73	25.40	46.00	-20.60	Peak
5	532.90	-6.30	32.67	26.37	46.00	-19.63	Peak
6	800.38	-2.54	29.90	27.36	46.00	-18.64	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							
Low Channel							
10360	58.21	PK	H	2.48	60.69	68.2	-7.51
10360	57.45	PK	V	2.48	59.93	68.2	-8.27
Middle Channel							
10400	57.48	PK	H	2.47	59.95	68.2	-8.25
10400	56.69	PK	V	2.47	59.16	68.2	-9.04
High Channel							
10480	59.15	PK	H	2.19	61.34	68.2	-6.86
10480	58.32	PK	V	2.19	60.51	68.2	-7.69
802.11ac20							
Low Channel							
10360	58.03	PK	H	2.48	60.51	68.2	-7.69
10360	57.24	PK	V	2.48	59.72	68.2	-8.48
Middle Channel							
10400	57.26	PK	H	2.47	59.73	68.2	-8.47
10400	56.45	PK	V	2.47	58.92	68.2	-9.28
High Channel							
10480	58.94	PK	H	2.19	61.13	68.2	-7.07
10480	58.17	PK	V	2.19	60.36	68.2	-7.84
802.11ac40							
Low Channel							
10380	55.28	PK	H	2.48	57.76	68.2	-10.44
10380	54.51	PK	V	2.48	56.99	68.2	-11.21
High Channel							
10460	55.95	PK	H	2.26	58.21	68.2	-9.99
10460	55.22	PK	V	2.26	57.48	68.2	-10.72

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							
Low Channel							
11490	56.93	PK	H	3.64	60.57	74	-13.43
11490	43.68	AV	H	3.64	47.32	54	-6.68
11490	56.09	PK	V	3.64	59.73	74	-14.27
11490	43.15	AV	V	3.64	46.79	54	-7.21
Middle Channel							
11570	58.44	PK	H	3.34	61.78	74	-12.22
11570	45.76	AV	H	3.34	49.1	54	-4.9
11570	57.58	PK	V	3.34	60.92	74	-13.08
11570	45.21	AV	V	3.34	48.55	54	-5.45
High Channel							
11650	59.23	PK	H	3.46	62.69	74	-11.31
11650	46.07	AV	H	3.46	49.53	54	-4.47
11650	58.36	PK	V	3.46	61.82	74	-12.18
11650	45.54	AV	V	3.46	49	54	-5
802.11ac20							
Low Channel							
11490	56.72	PK	H	3.64	60.36	74	-13.64
11490	43.43	AV	H	3.64	47.07	54	-6.93
11490	55.94	PK	V	3.64	59.58	74	-14.42
11490	42.89	AV	V	3.64	46.53	54	-7.47
Middle Channel							
11570	58.25	PK	H	3.34	61.59	74	-12.41
11570	45.52	AV	H	3.34	48.86	54	-5.14
11570	58.01	PK	V	3.34	61.35	74	-12.65
11570	44.98	AV	V	3.34	48.32	54	-5.68
High Channel							
11650	59.01	PK	H	3.46	62.47	74	-11.53
11650	45.84	AV	H	3.46	49.3	54	-4.7
11650	58.19	PK	V	3.46	61.65	74	-12.35
11650	45.3	AV	V	3.46	48.76	54	-5.24

Frequency (MHz)	Reading (dBμV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac40							
Low Channel							
11510	55.89	PK	H	3.63	59.52	74	-14.48
11510	42.95	AV	H	3.63	46.58	54	-7.42
11510	55.04	PK	V	3.63	58.67	74	-15.33
11510	42.42	AV	V	3.63	46.05	54	-7.95
High Channel							
11590	56.58	PK	H	3.24	59.82	74	-14.18
11590	43.47	AV	H	3.24	46.71	54	-7.29
11590	55.76	PK	V	3.24	59	74	-15
11590	42.95	AV	V	3.24	46.19	54	-7.81

Note:

Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Corrected Amplitude = Factor + Reading

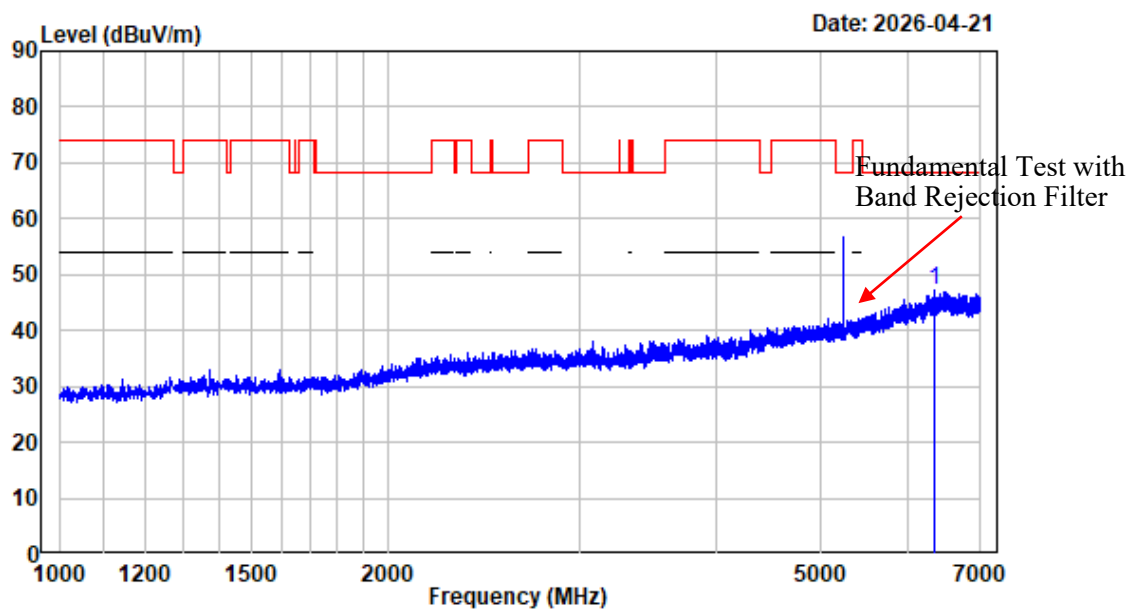
Margin = Corrected. Amplitude - Limit

The other spurious emission which is in the noise floor level was not recorded.

Test plots:

1-18GHz (Listed with the worst case test plot)

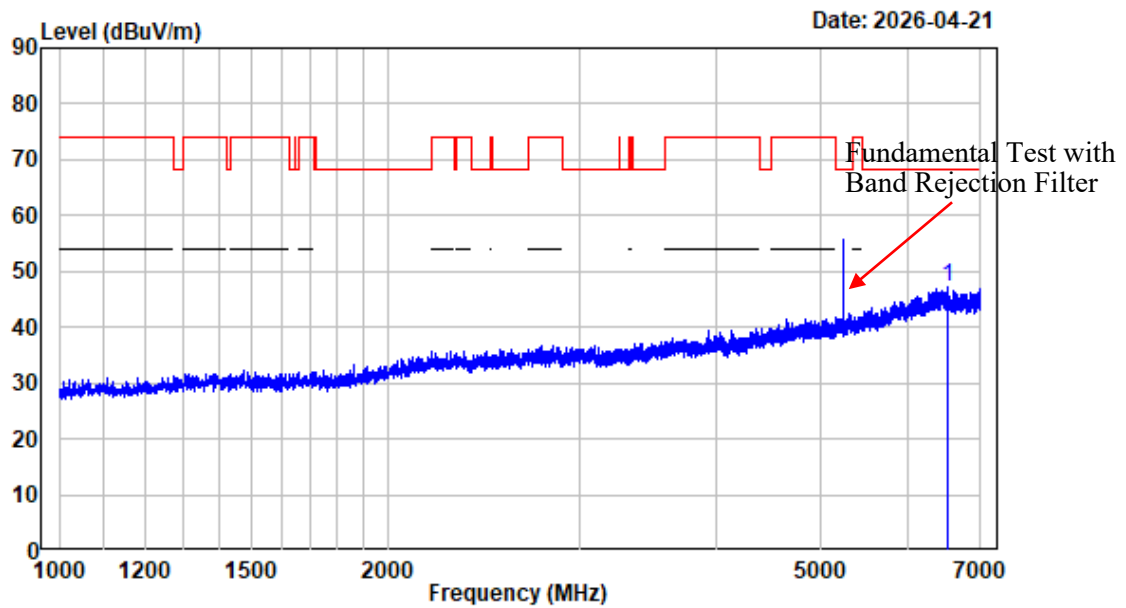
1-7GHz_Horizontal_802.11a_5240MHz



Condition : Horizontal
 Project No. : 2601S22685E-RF
 Tester : Zenos Qiao
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : 5GWiFi-Band1-A-5240

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6340.750	-1.67	48.72	47.05	68.20	-21.15	Peak

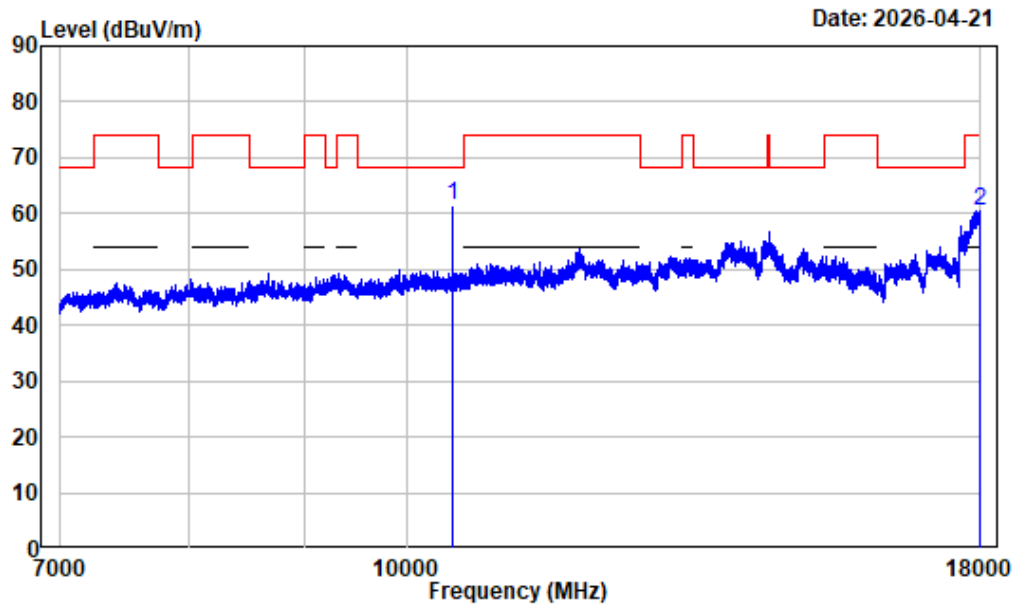
1-7GHz_Vertical_802.11a_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	6523.750	-1.22	48.47	47.25	68.20 -20.95 Peak

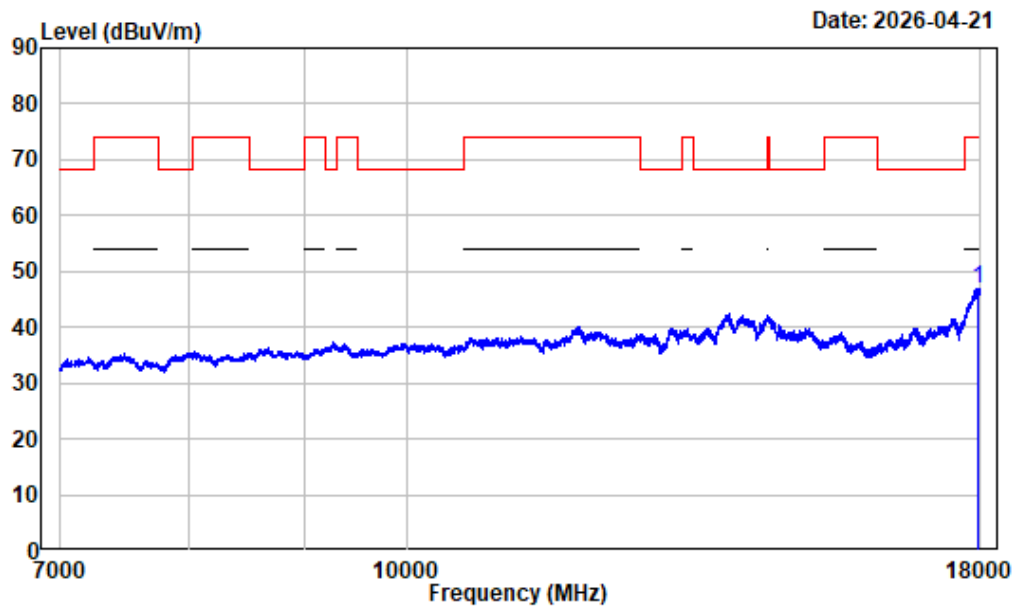
7-18GHz_Horizontal_Peak_802.11a_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10480.000	2.19	59.15	61.34	68.20	-6.86 Peak
2 17979.380	13.16	47.40	60.56	74.00	-13.44 Peak

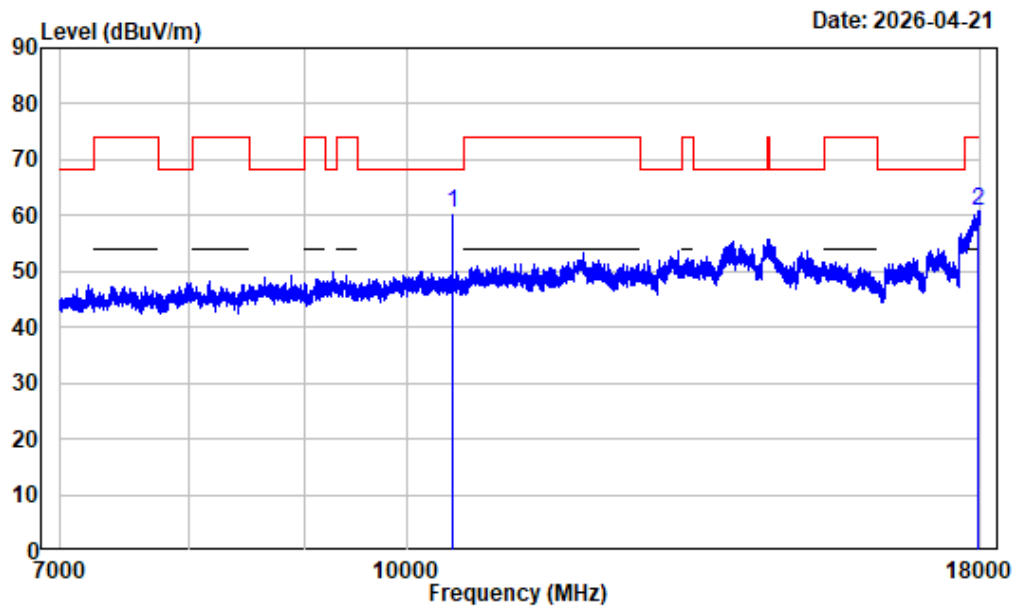
7-18GHz_Horizontal_Average_802.11a_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 17940.880	12.96	34.08	47.04	54.00	-6.96 Average

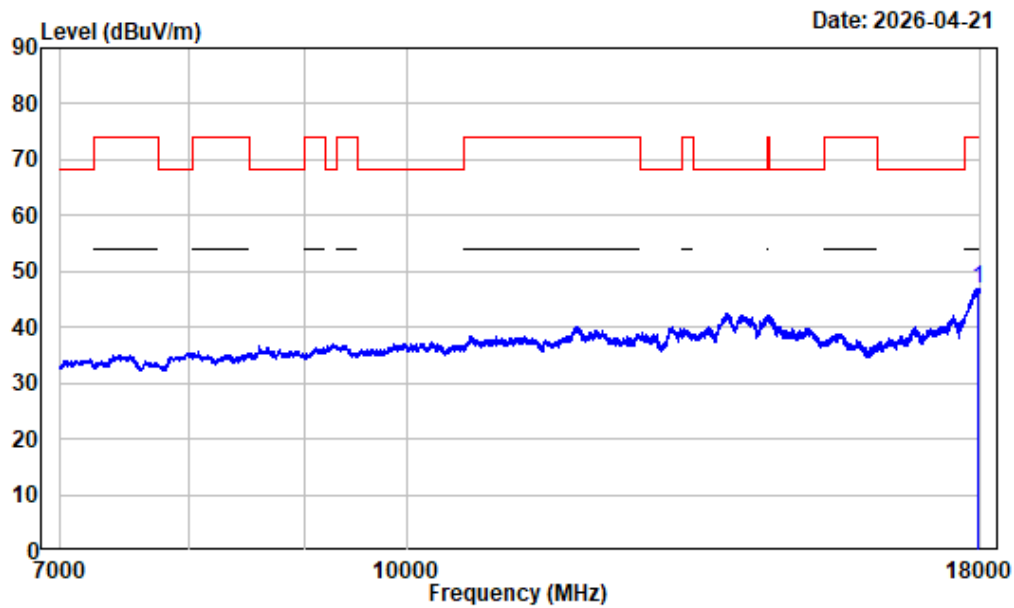
7-18GHz_Vertical_Peak_802.11a_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10480.000	2.19	58.32	60.51	68.20	-7.69 Peak
2 17953.250	13.02	47.85	60.87	74.00	-13.13 Peak

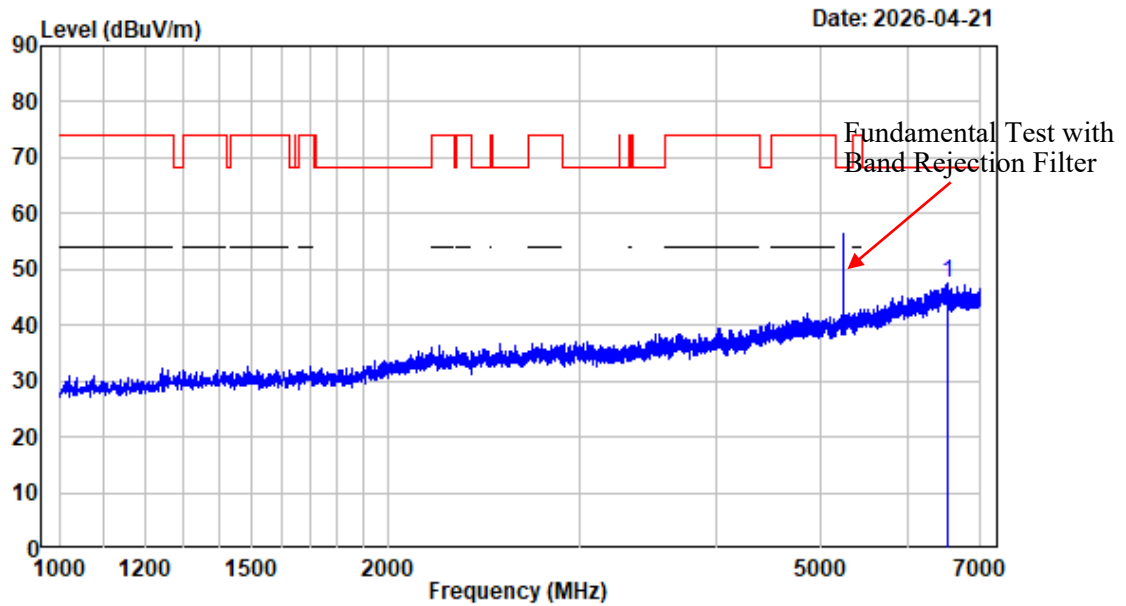
7-18GHz_Vertical_Average_802.11a_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 17954.630	13.03	33.99	47.02	54.00	-6.98 Average

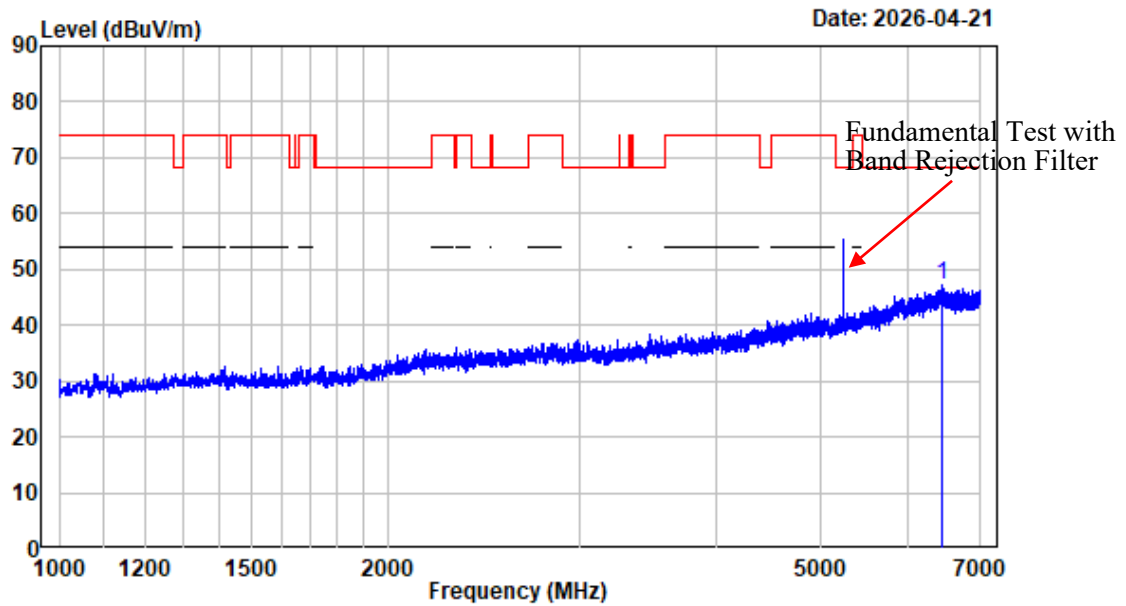
1-7GHz_Horizontal_802.11ac20_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 6528.250	-1.22	48.73	47.51	68.20	-20.69	Peak

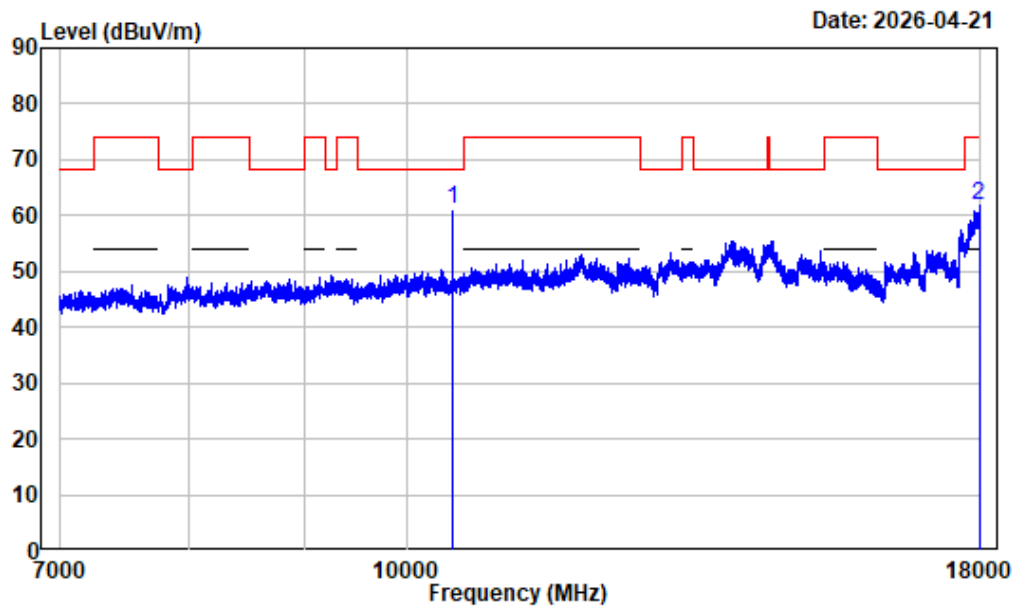
1-7GHz_Vertical_802.11ac20_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6451.750	-1.18	48.25	47.07	68.20	-21.13	Peak

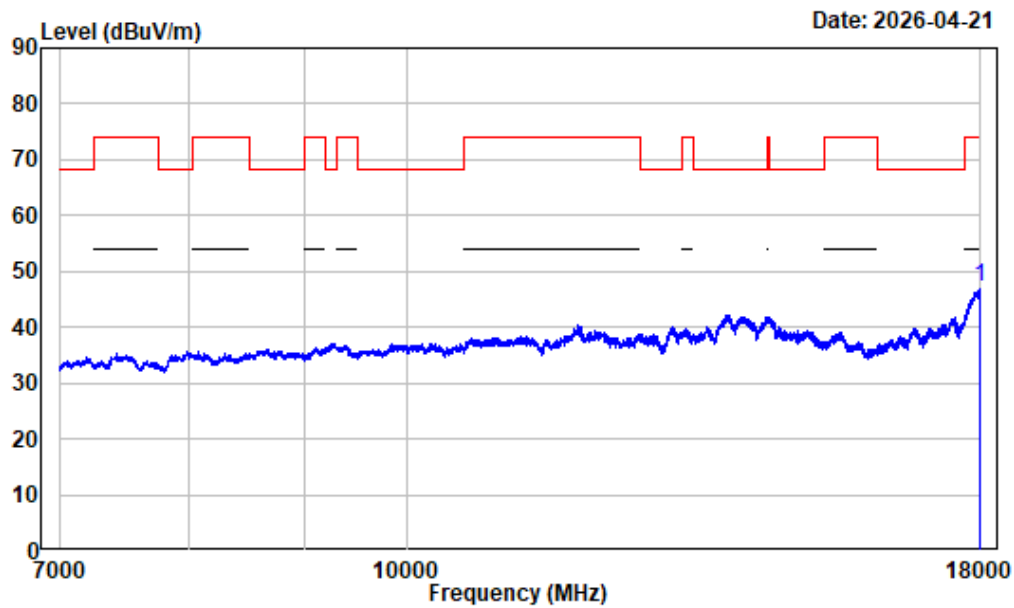
7-18GHz_Horizontal_Peak_802.11ac20_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10480.000	2.19	58.94	61.13	68.20	-7.07 Peak
2 17972.500	13.13	48.62	61.75	74.00	-12.25 Peak

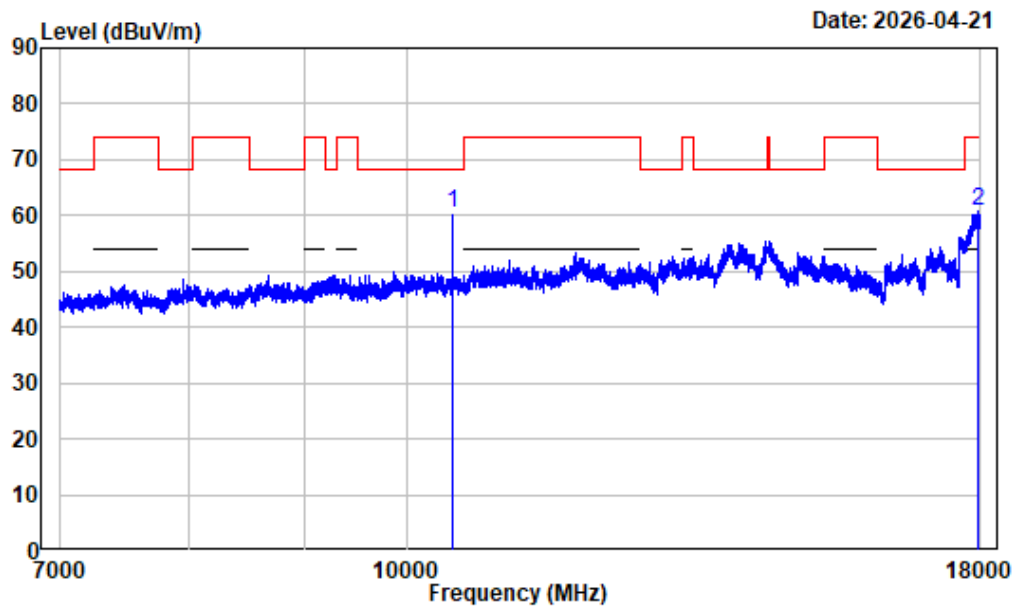
7-18GHz_Horizontal_Average_802.11ac20_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 17998.630	13.26	33.85	47.11	54.00	-6.89 Average

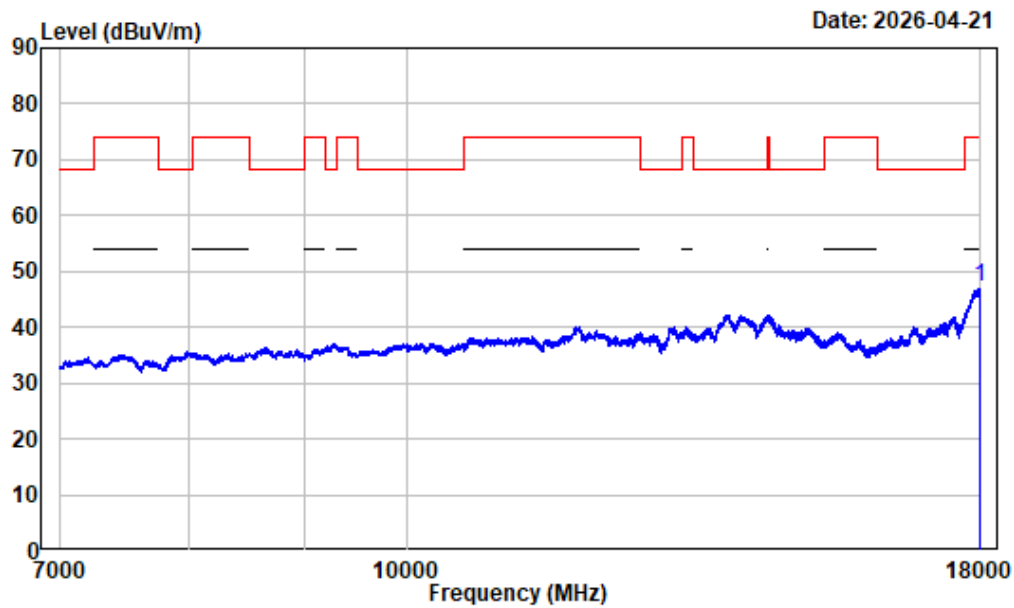
7-18GHz_Vertical_Peak_802.11ac20_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10480.000	2.19	58.17	60.36	68.20	-7.84 Peak
2 17962.880	13.07	47.63	60.70	74.00	-13.30 Peak

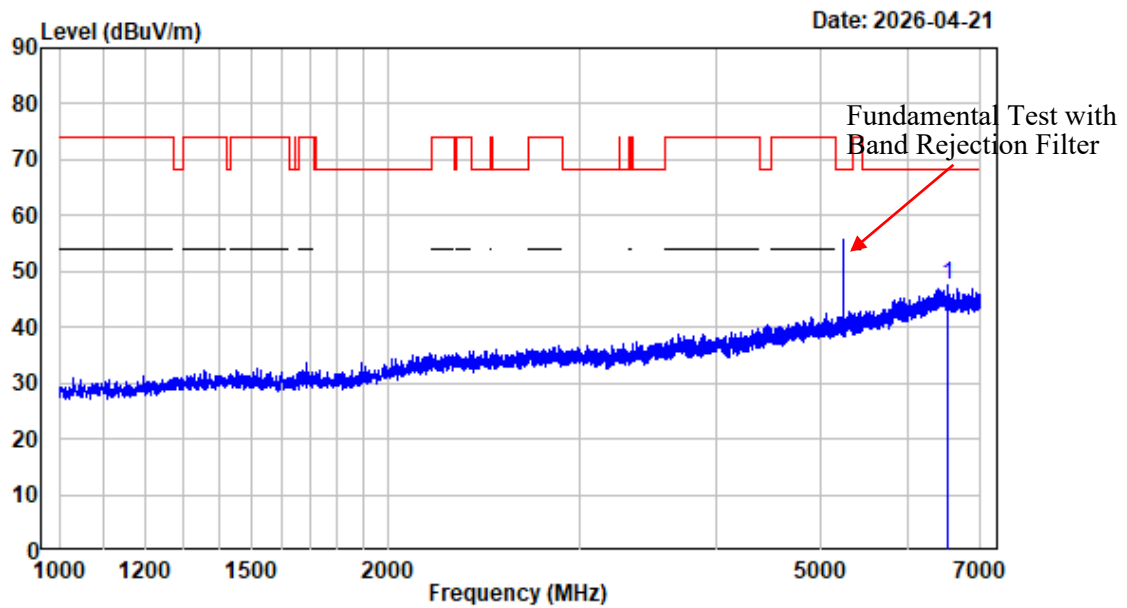
7-18GHz_Vertical_Average_802.11ac20_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read Level		Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 17998.250	13.26	33.84	47.10	54.00	-6.90	Average

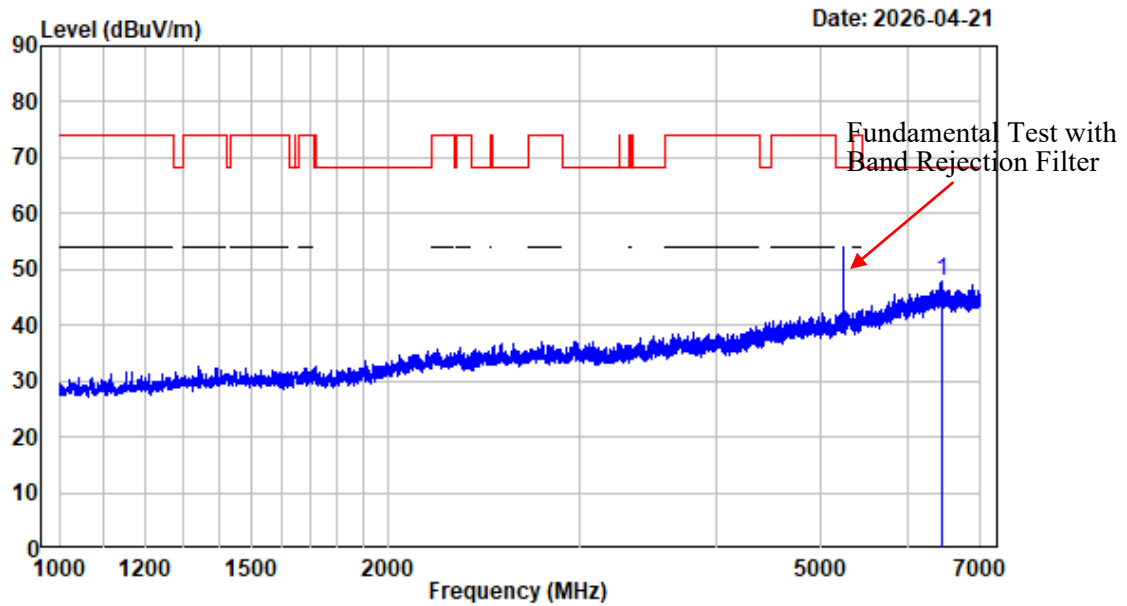
1-7GHz_Horizontal_802.11ac40_5230MHz



Condition : Horizontal
 Project No. : 2601S22685E-RF
 Tester : Zenos Qiao
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : 5GWiFi-Band1-AC40-5230

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6541.000	-1.25	48.69	47.44	68.20	-20.76	Peak

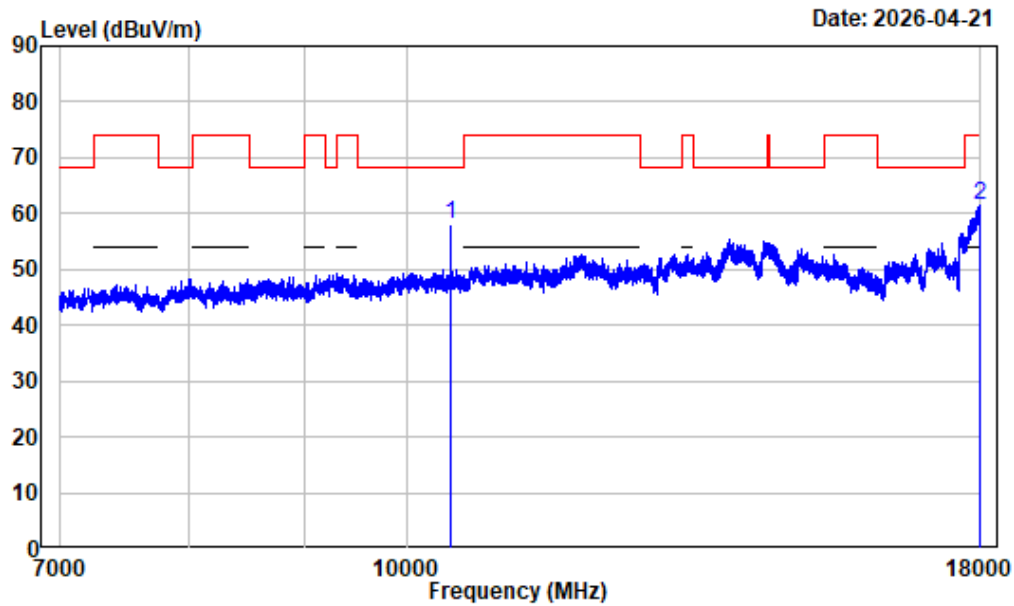
1-7GHz_Vertical_802.11ac40_5230MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 6456.250	-1.17	49.08	47.91	68.20	-20.29 Peak

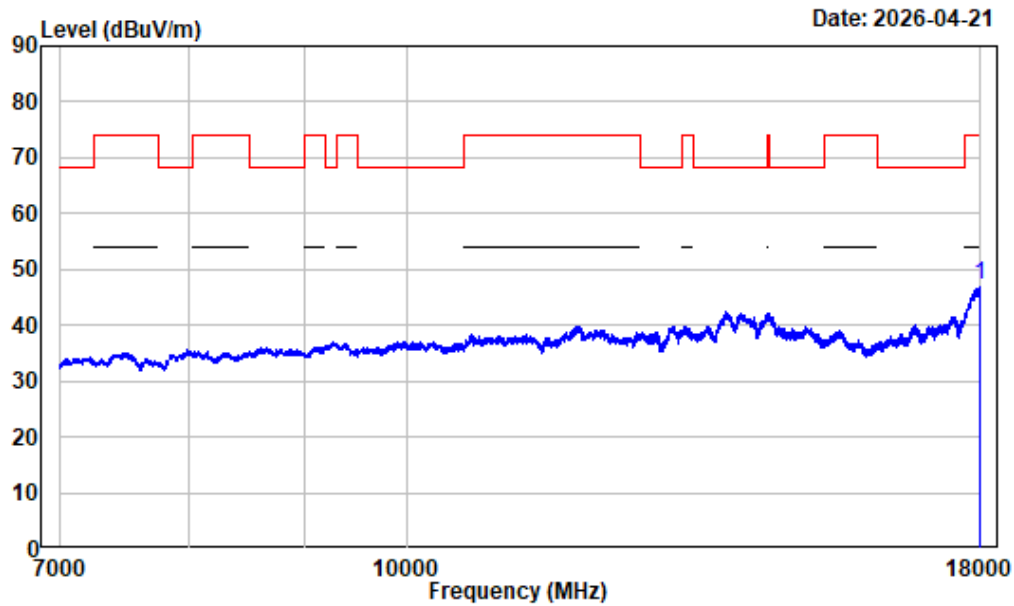
7-18GHz_Horizontal_Peak_802.11ac40_5230MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10460.000	2.26	55.95	58.21	68.20	-9.99 Peak
2 17987.630	13.19	48.22	61.41	74.00	-12.59 Peak

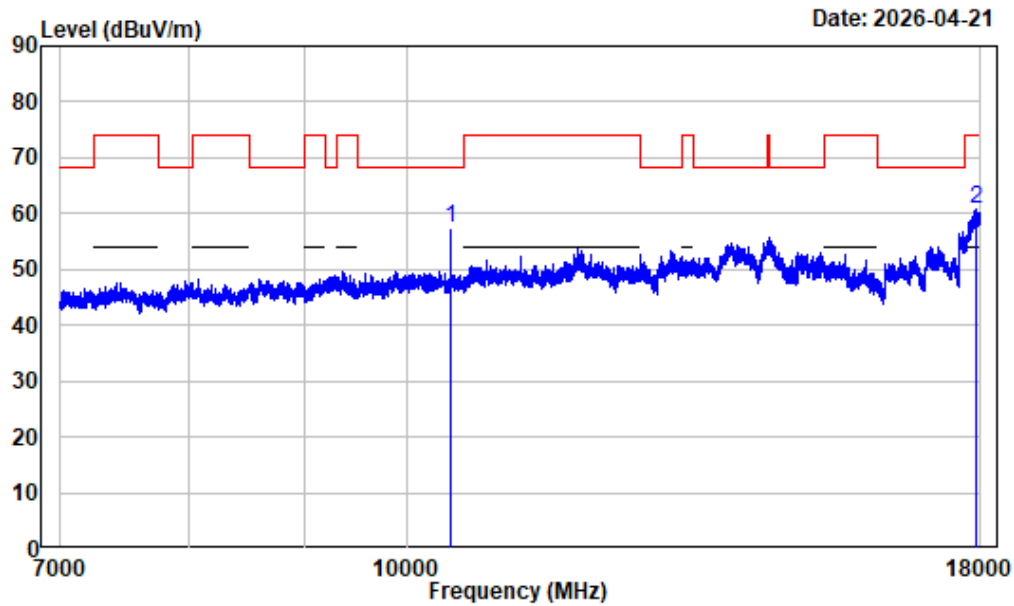
7-18GHz_Horizontal_Average_802.11ac40_5230MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 17998.630	13.26	33.86	47.12	54.00	-6.88	Average

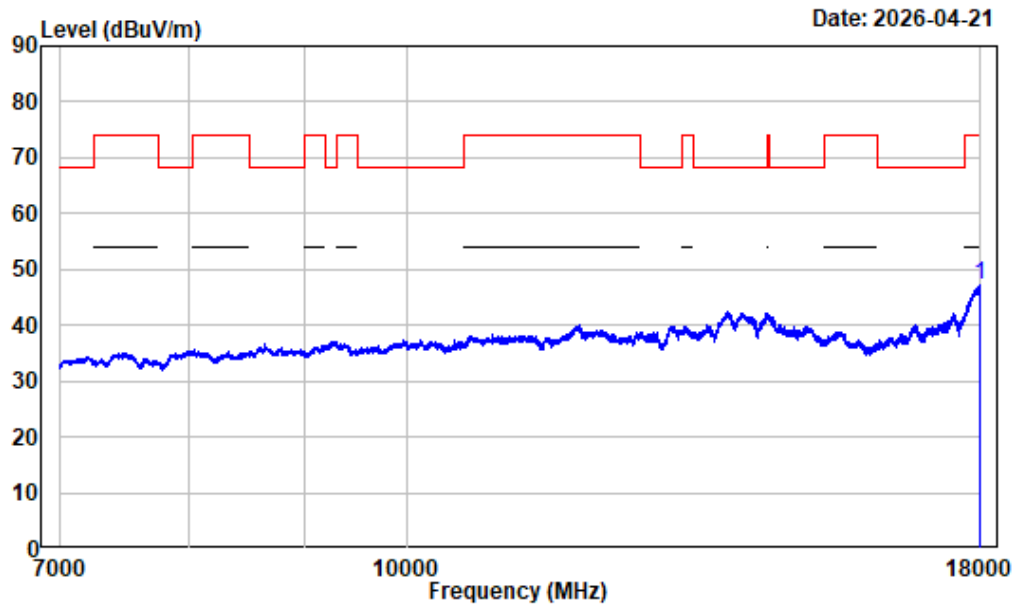
7-18GHz_Vertical_Peak_802.11ac40_5230MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 10460.000	2.26	55.22	57.48	68.20	-10.72 Peak
2 17907.880	12.80	48.02	60.82	74.00	-13.18 Peak

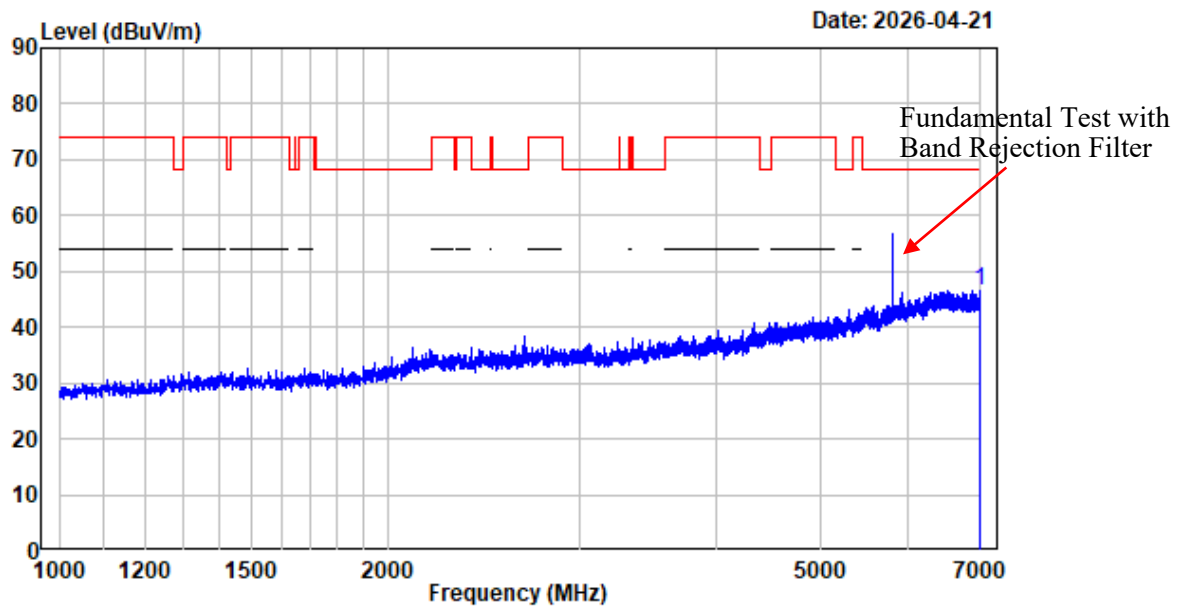
7-18GHz_Vertical_Average_802.11ac40_5230MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 17991.750	13.22	33.85	47.07	54.00	-6.93 Average

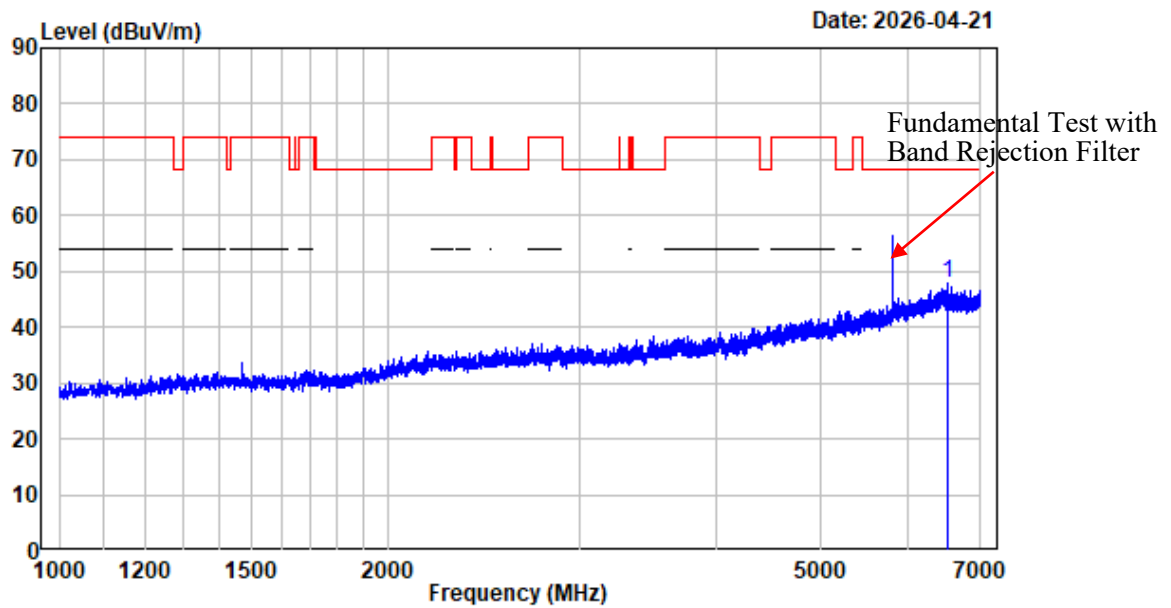
1-7GHz_Horizontal_802.11a_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	6988.750	-1.14	47.70	46.56	68.20 -21.64 Peak

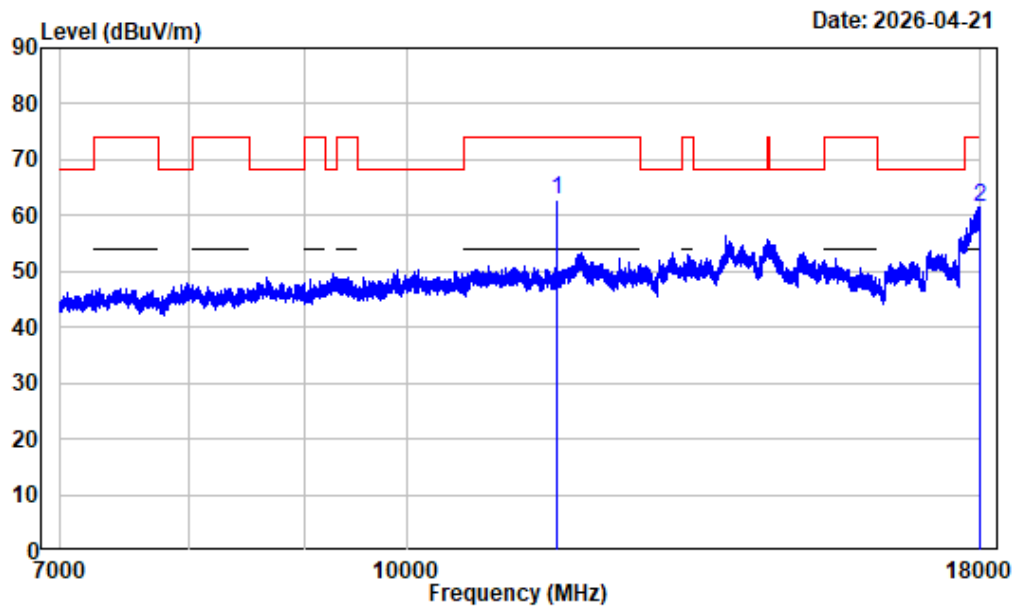
1-7GHz_Vertical_802.11a_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6535.750	-1.23	49.19	47.96	68.20	-20.24	Peak

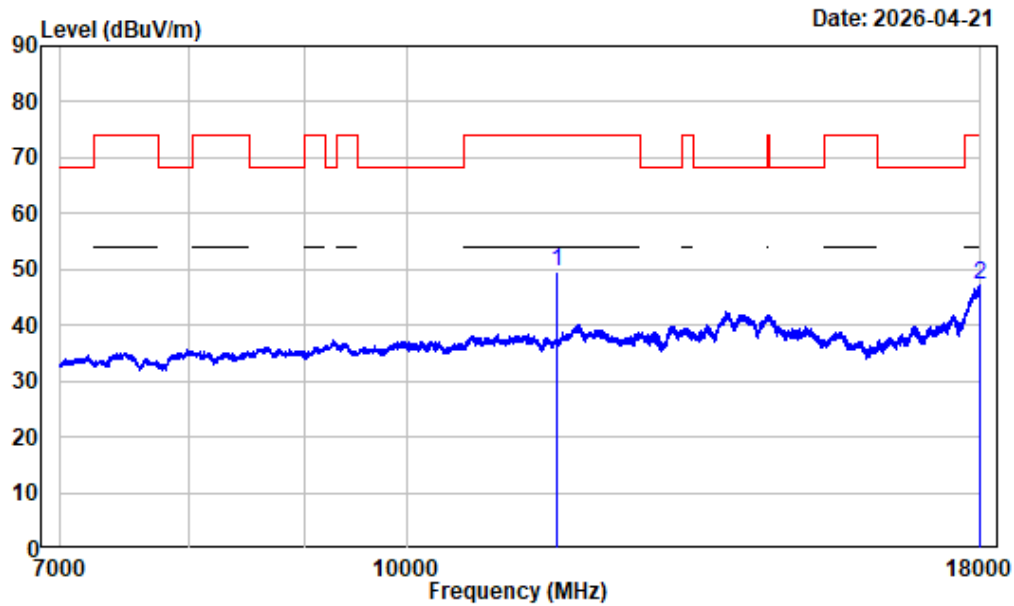
7-18GHz_Horizontal_Peak_802.11a_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 11650.000	3.46	59.23	62.69	74.00	-11.31 Peak
2 17995.880	13.24	48.20	61.44	74.00	-12.56 Peak

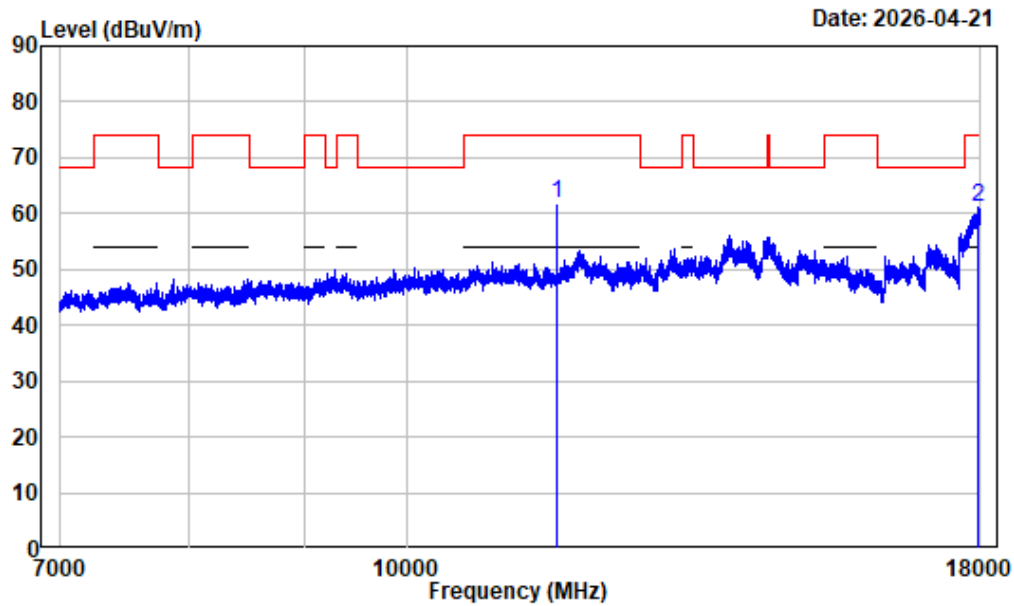
7-18GHz_Horizontal_Average_802.11a_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 11650.000	3.46	46.07	49.53	54.00	-4.47 Average
2 17987.630	13.19	33.98	47.17	54.00	-6.83 Average

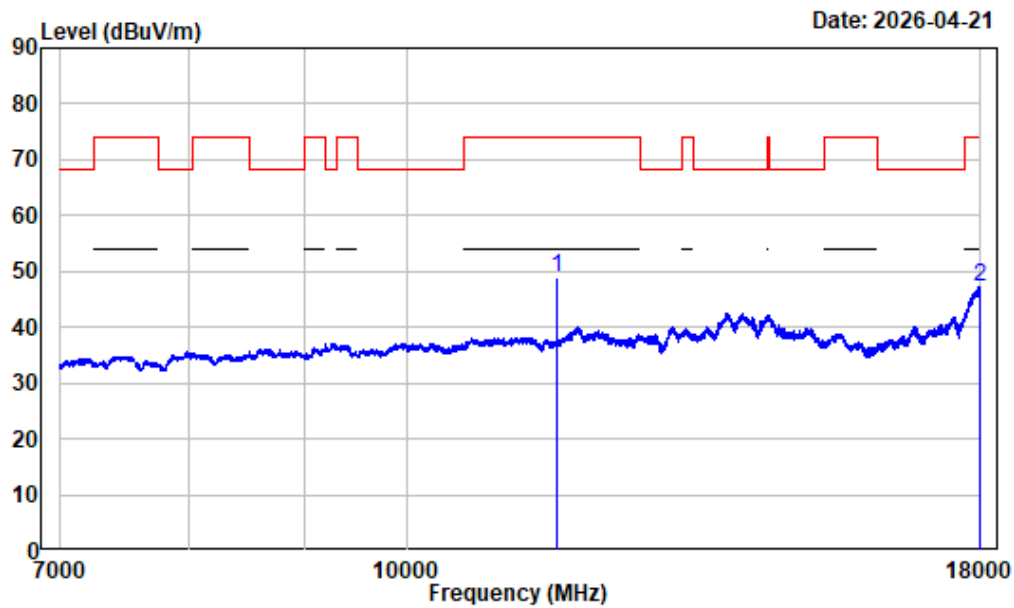
7-18GHz_Vertical_Peak_802.11a_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.46	58.36	61.82	74.00	-12.18	Peak
2	17971.130	13.12	47.91	61.03	74.00	-12.97	Peak

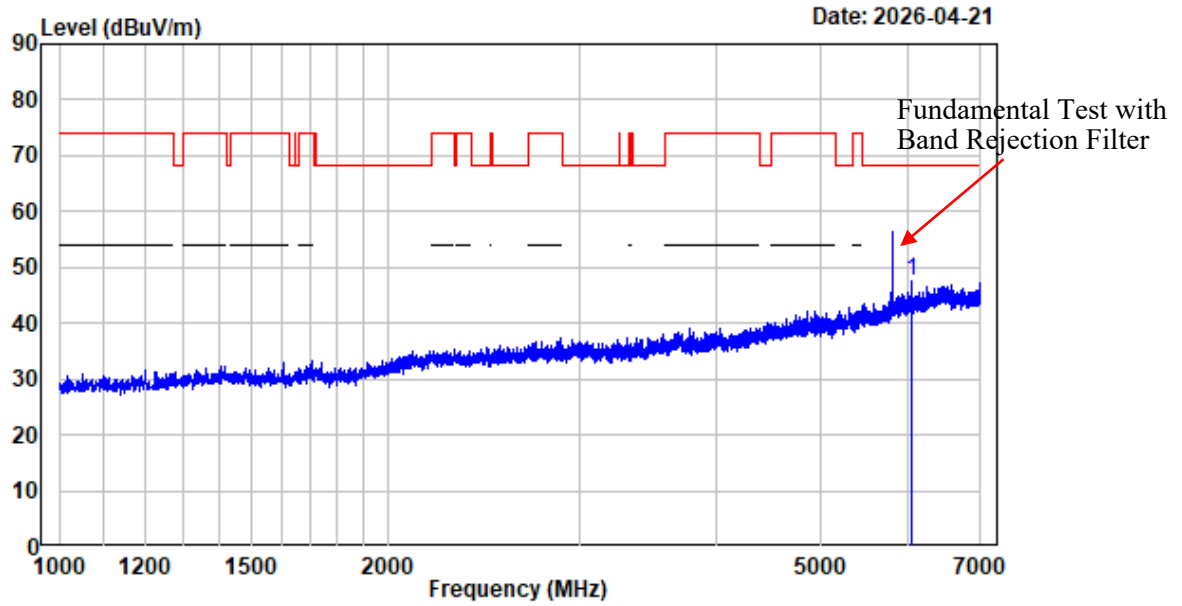
7-18GHz_Vertical_Average_802.11a_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.46	45.54	49.00	54.00	-5.00	Average
2	17997.250	13.25	33.92	47.17	54.00	-6.83	Average

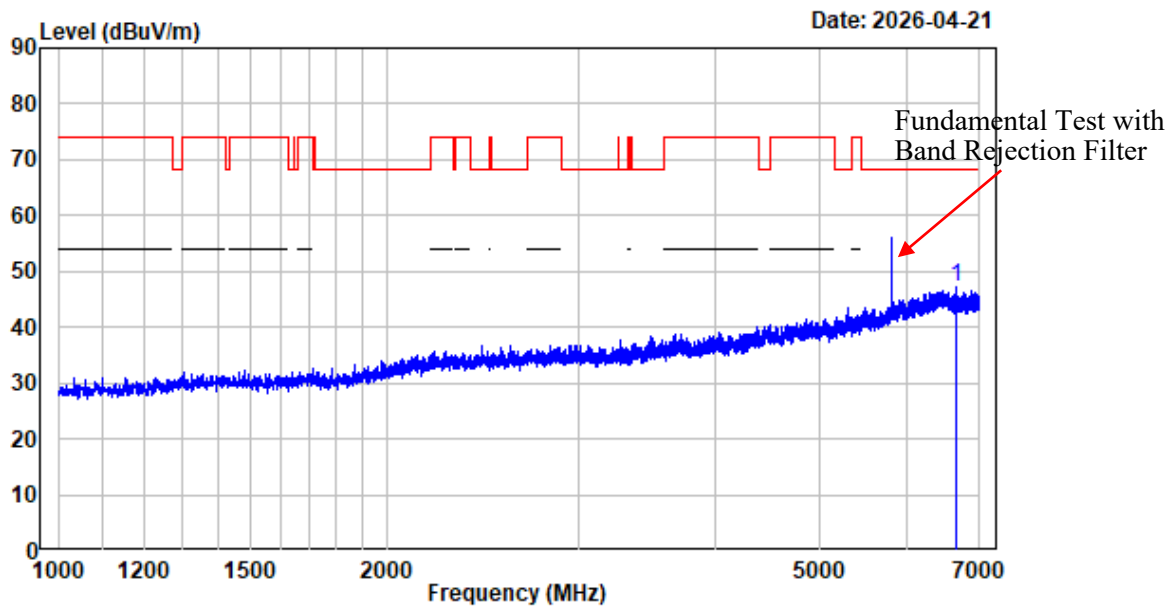
1-7GHz_Horizontal_802.11ac20_5825MHz



Condition : Horizontal
 Project No. : 2601S22685E-RF
 Tester : Zenos Qiao
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : 5GWiFi-Band4-AC20-5825

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 6049.000	-2.72	50.10	47.38	68.20	-20.82	Peak

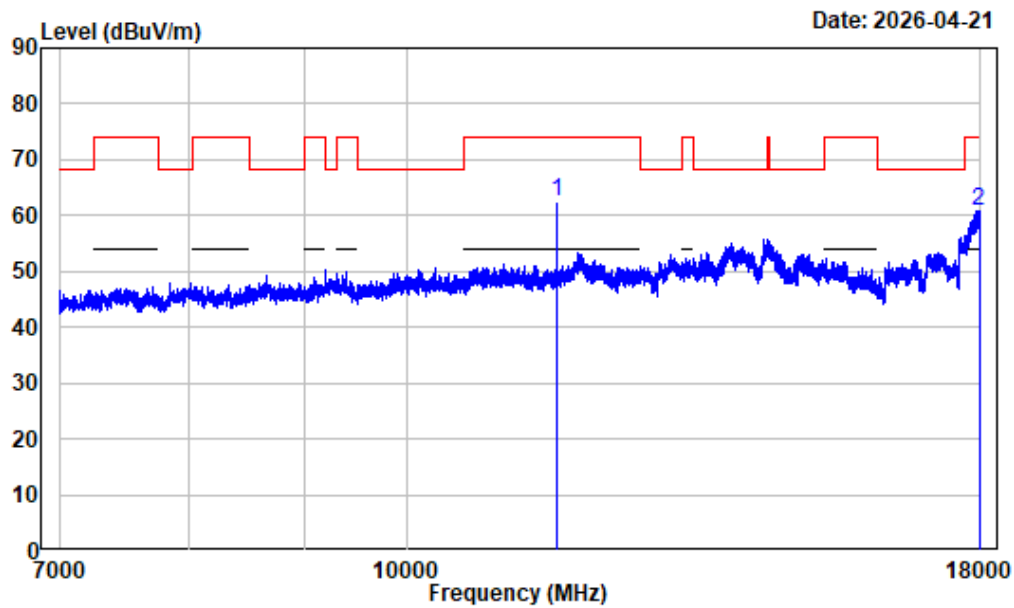
1-7GHz_Vertical_802.11ac20_5825MHz



Condition : Vertical
 Project No. : 2601S22685E-RF
 Tester : Zenos Qiao
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : 5GWiFi-Band4-AC20-5825

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 6675.250	-1.35	48.67	47.32	68.20	-20.88 Peak

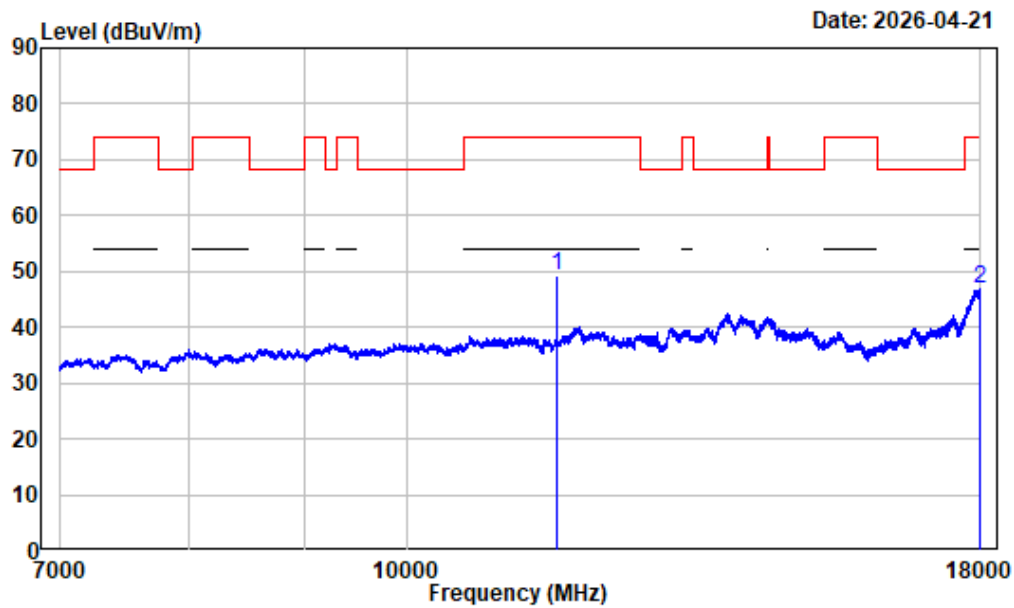
7-18GHz_Horizontal_Peak_802.11ac20_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.46	59.01	62.47	74.00	-11.53	Peak
2	17973.880	13.13	47.77	60.90	74.00	-13.10	Peak

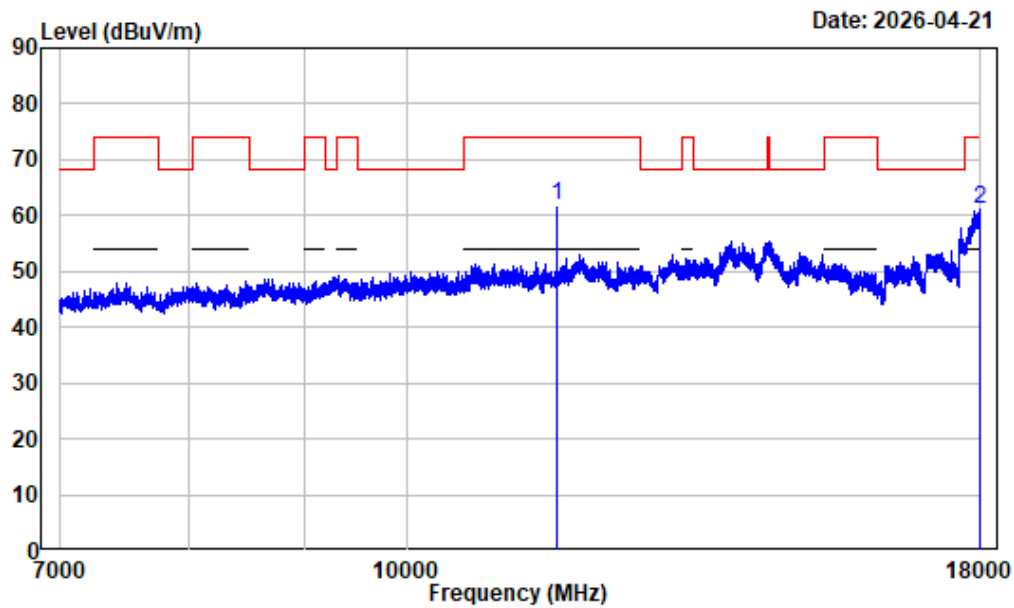
7-18GHz_Horizontal_Average_802.11ac20_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

Freq Factor		Read		Limit	Over	Remark
MHz	dB/m	Level	Level	Line	Limit	
		dBuV	dBuV/m	dBuV/m	dB	
1 11650.000	3.46	45.84	49.30	54.00	-4.70	Average
2 17998.750	13.26	33.64	46.90	54.00	-7.10	Average

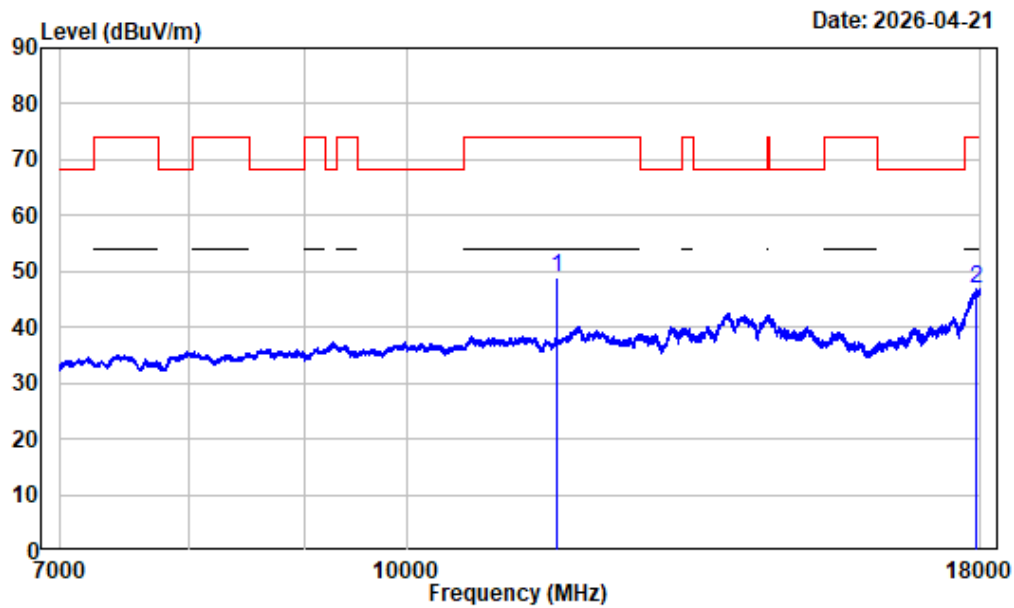
7-18GHz_Vertical_Peak_802.11ac20_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	3.46	58.19	61.65	74.00	-12.35	Peak
2	17990.380	13.21	47.78	60.99	74.00	-13.01	Peak

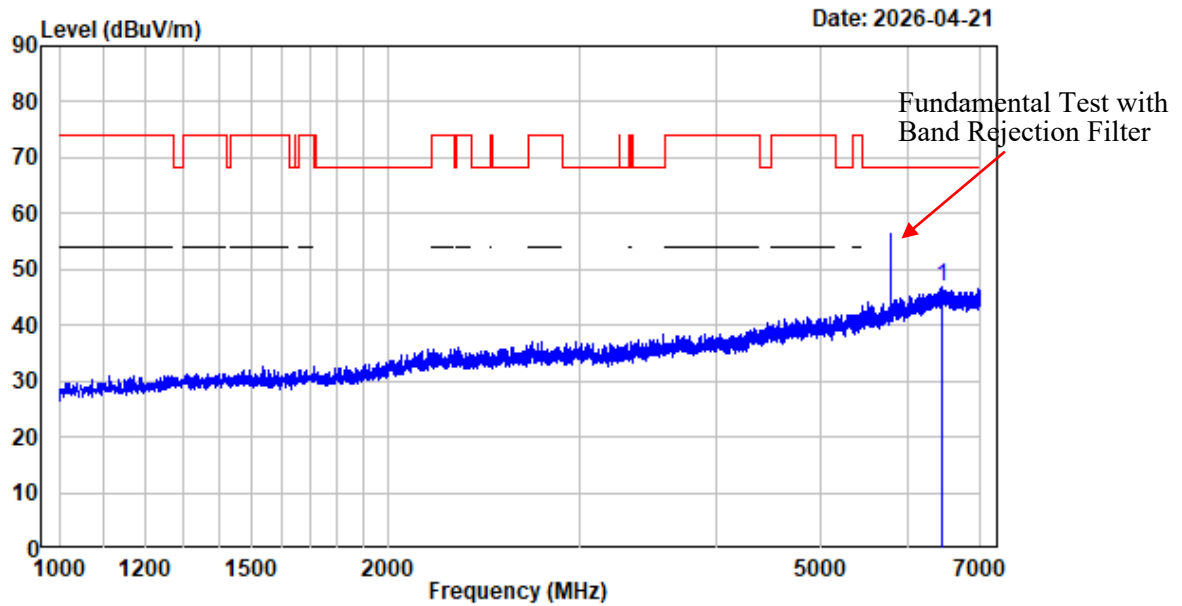
7-18GHz_Vertical_Average_802.11ac20_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 11650.000	3.46	45.30	48.76	54.00	-5.24 Average
2 17934.000	12.93	34.00	46.93	54.00	-7.07 Average

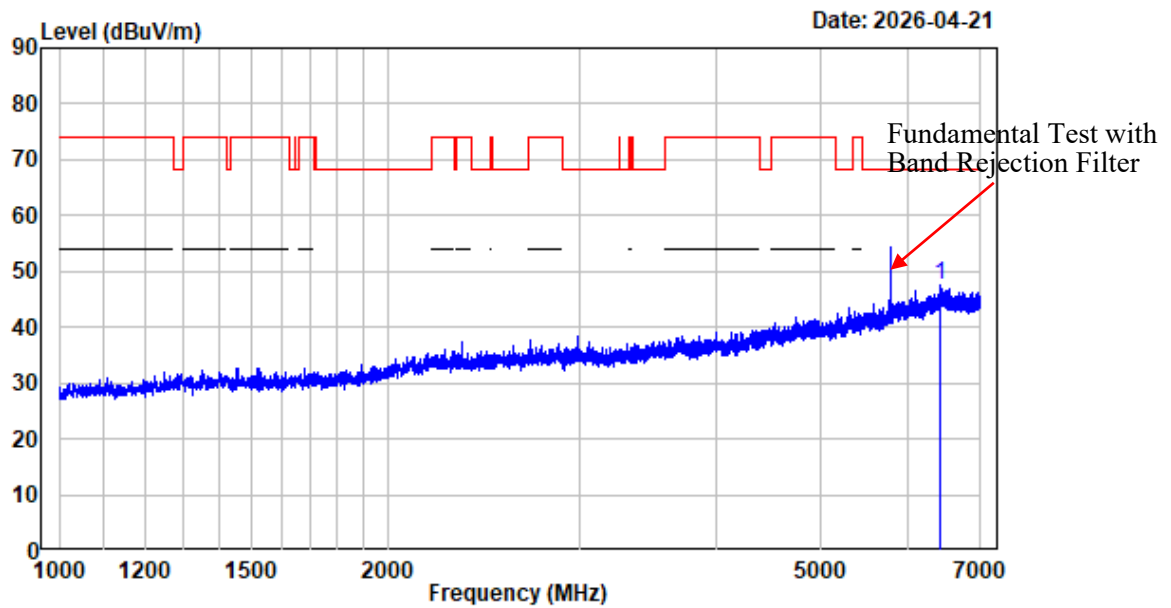
1-7GHz_Horizontal_802.11ac40_5795MHz



Condition : Horizontal
 Project No. : 2601S22685E-RF
 Tester : Zenos Qiao
 Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
 Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 6465.250	-1.18	48.08	46.90	68.20	-21.30	Peak

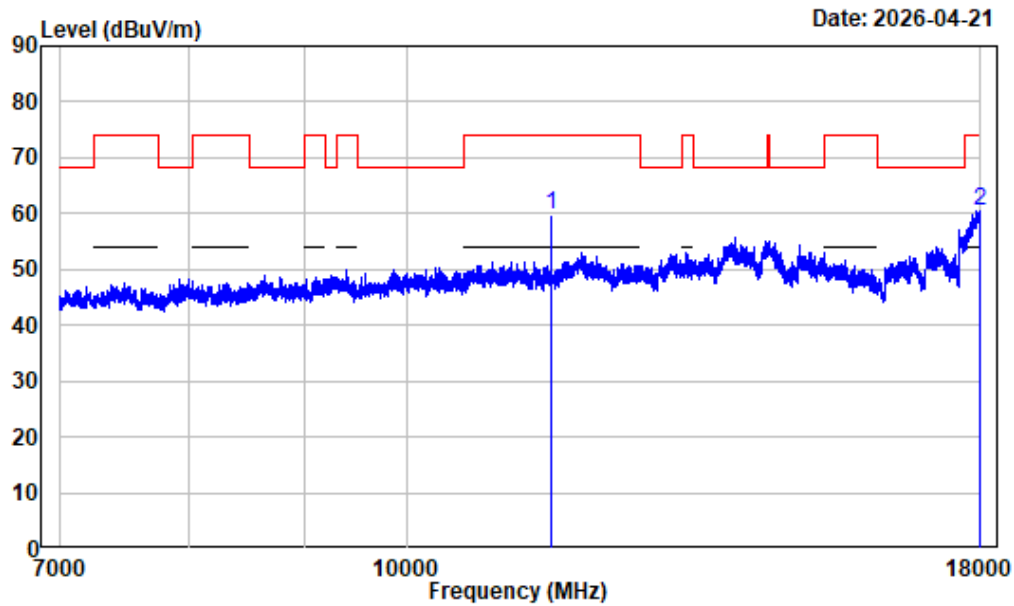
1-7GHz_Vertical_802.11ac40_5795MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 6433.750	-1.18	48.64	47.46	68.20	-20.74 Peak

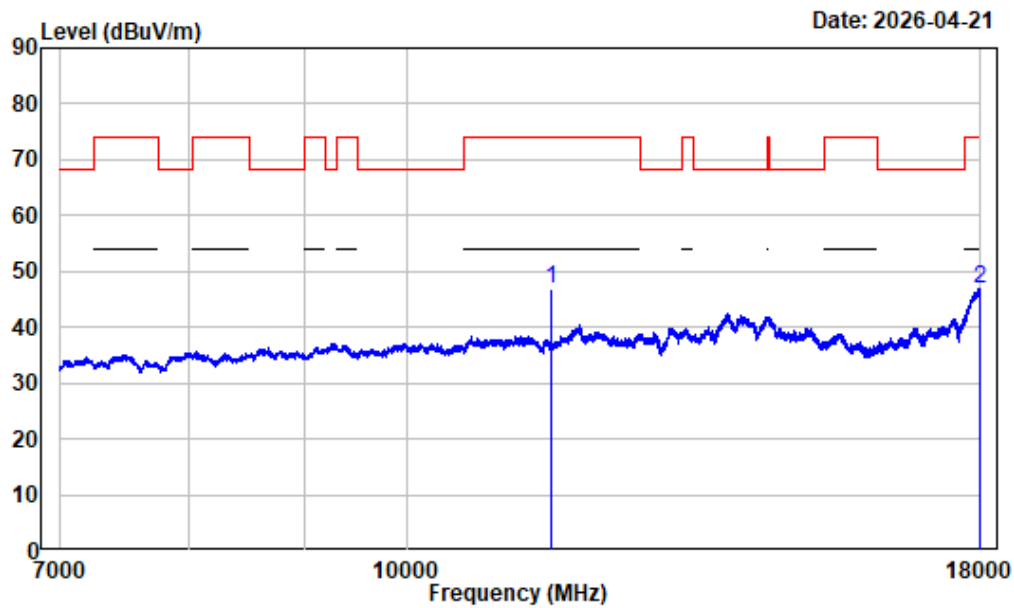
7-18GHz_Horizontal_Peak_802.11ac40_5795MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 11590.000	3.24	56.58	59.82	74.00	-14.18 Peak
2 17997.250	13.25	47.23	60.48	74.00	-13.52 Peak

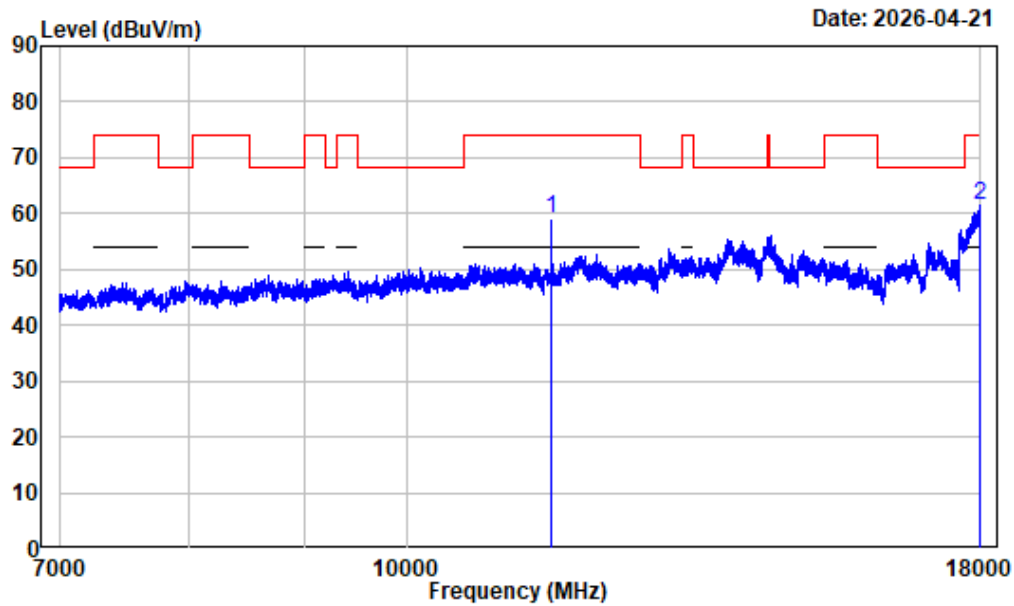
7-18GHz_Horizontal_Average_802.11ac40_5795MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	3.24	43.47	46.71	54.00	-7.29 Average
2	17998.250	13.26	33.76	47.02	54.00	-6.98 Average

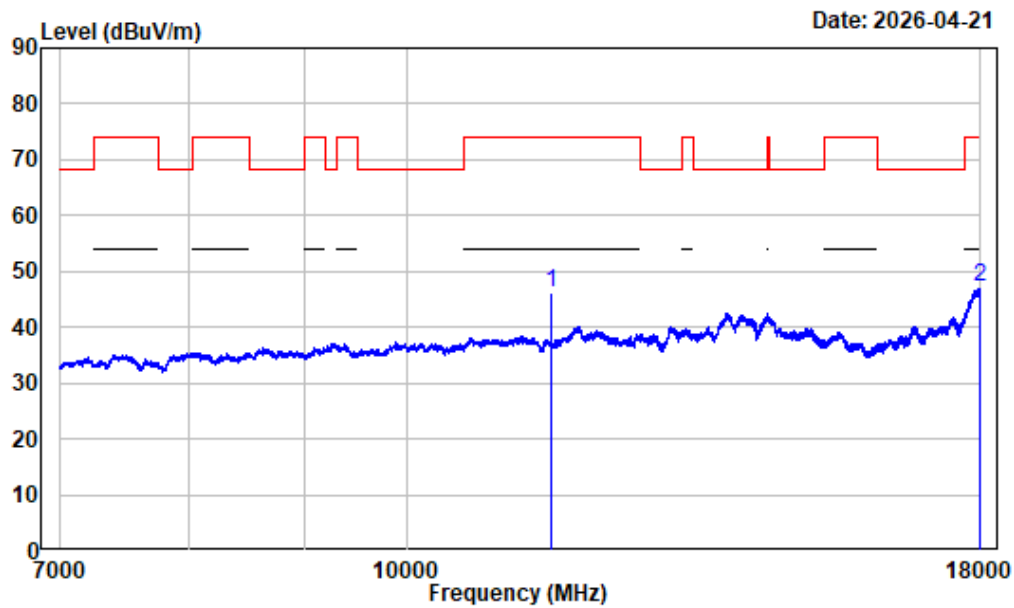
7-18GHz_Vertical_Peak_802.11ac40_5795MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1 11590.000	3.24	55.76	59.00	74.00	-15.00 Peak
2 17997.250	13.25	48.23	61.48	74.00	-12.52 Peak

7-18GHz_Vertical_Average_802.11ac40_5795MHz

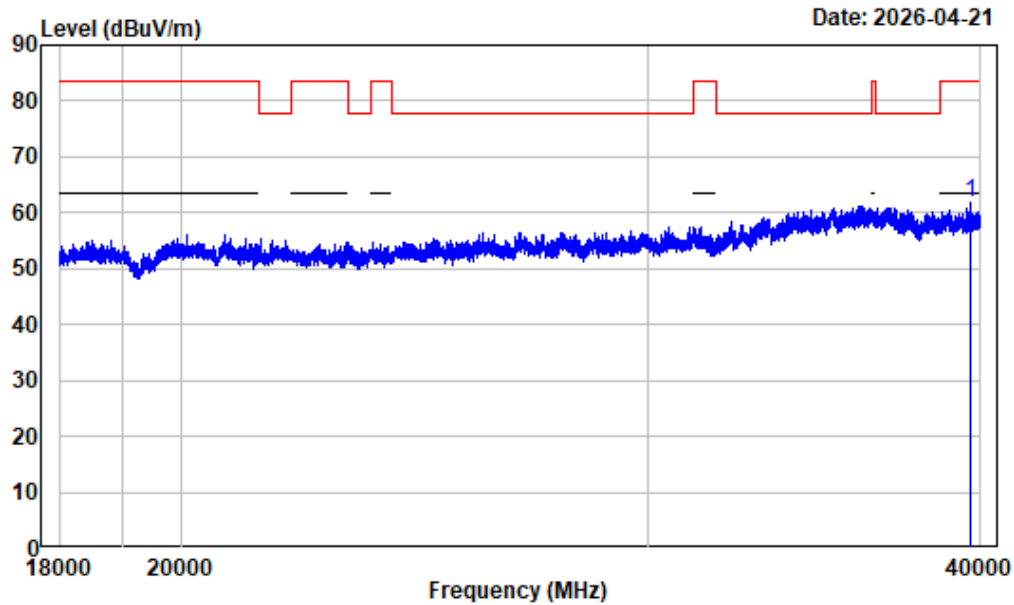


Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 11590.000	3.24	42.95	46.19	54.00	-7.81 Average
2 17998.630	13.26	33.89	47.15	54.00	-6.85 Average

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

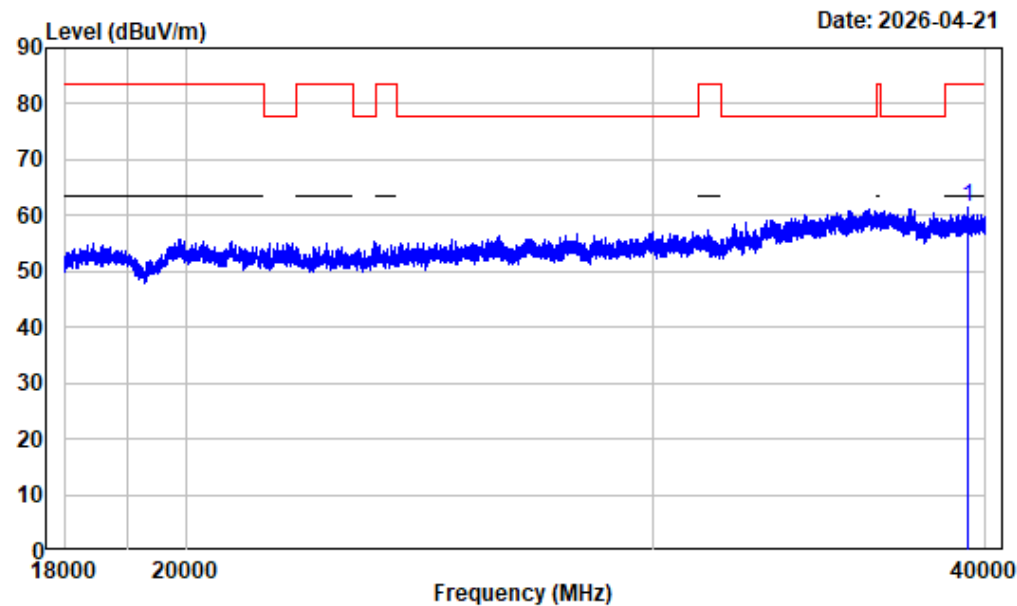
18-40GHz_Horizontal_Peak_802.11a_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 39670.000	23.82	38.15	61.97	83.50	-21.53	Peak

18-40GHz__Vertical_Peak_802.11a_5825MHz

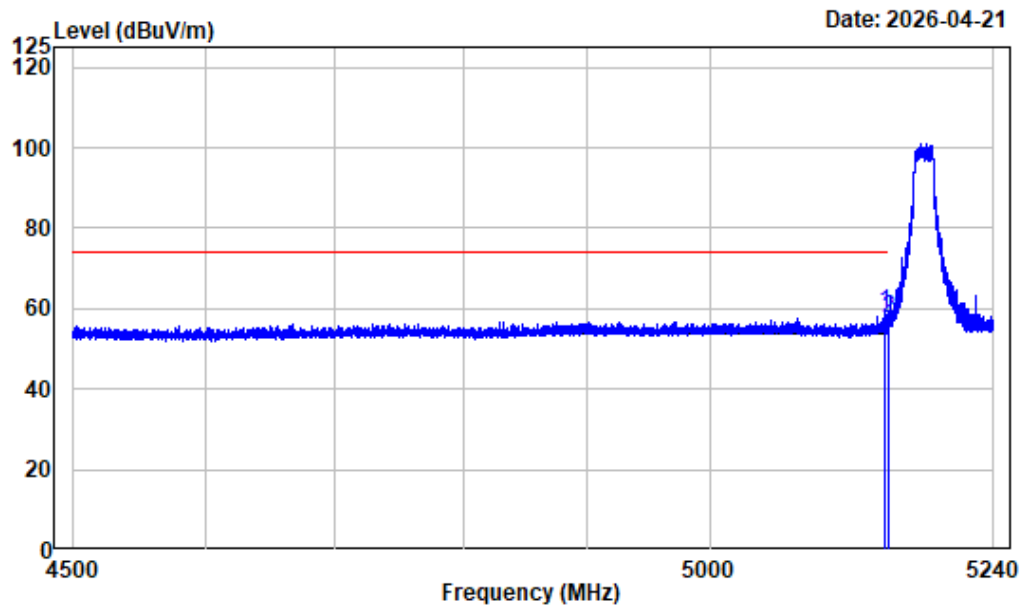


Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 39419.750	23.85	37.64	61.49	83.50	-22.01	Peak

Band Edge

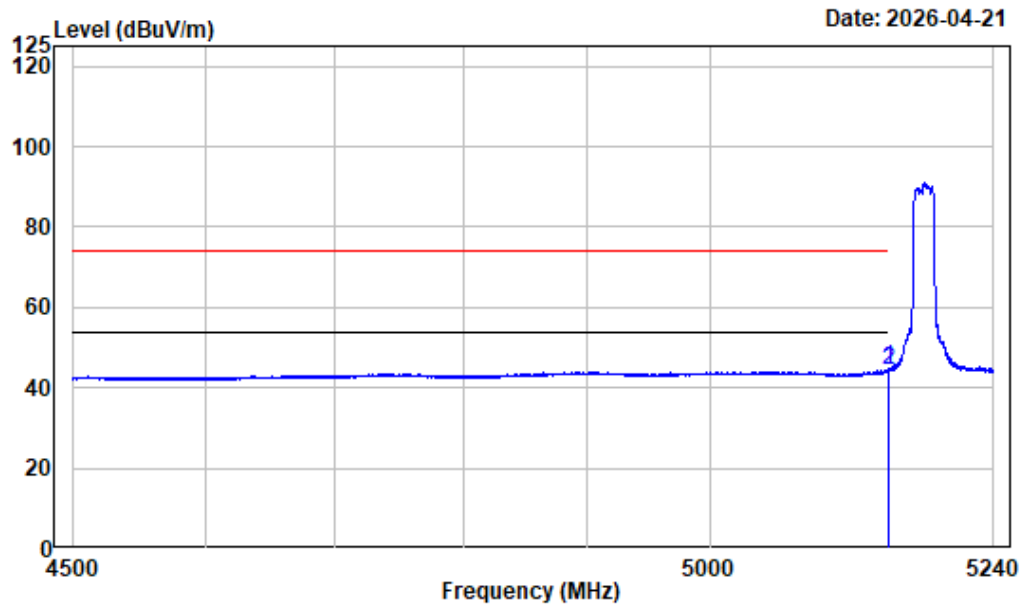
Left Band edge Horizontal Peak 802.11a 5180MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5180

Freq Factor		Read Level		Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5146.112	-7.45	66.37	58.92	74.00	-15.08 Peak
2	5150.000	-7.45	64.86	57.41	74.00	-16.59 Peak

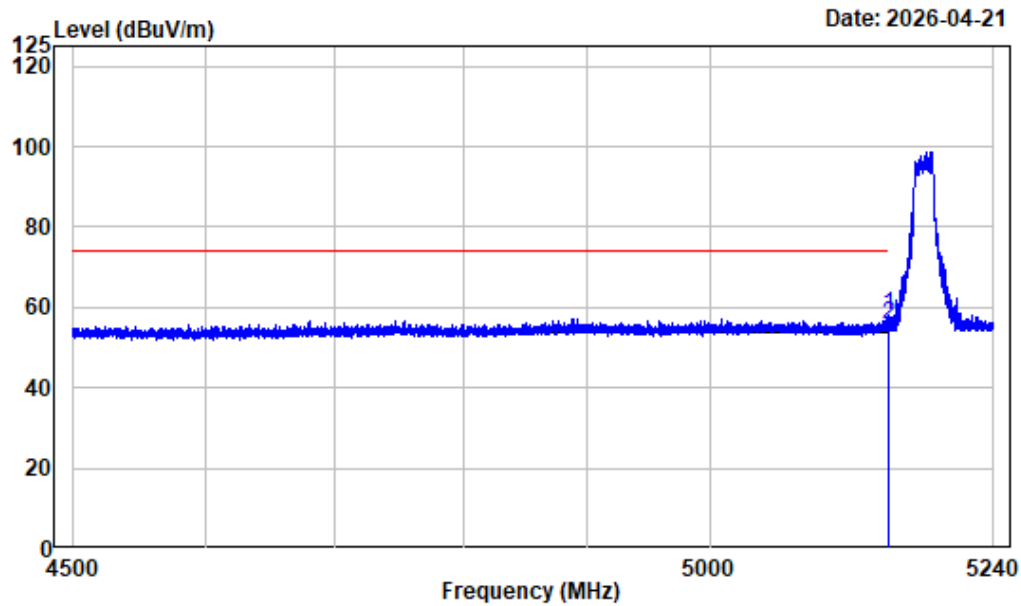
Left Band edge_Horizontal_Average_802.11a_5180MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:300Hz Detector:Peak
Note : 5GWiFi-Band1-A-5180

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5149.535	-7.45	52.33	44.88	54.00	-9.12 Average
2	5150.000	-7.45	51.92	44.47	54.00	-9.53 Average

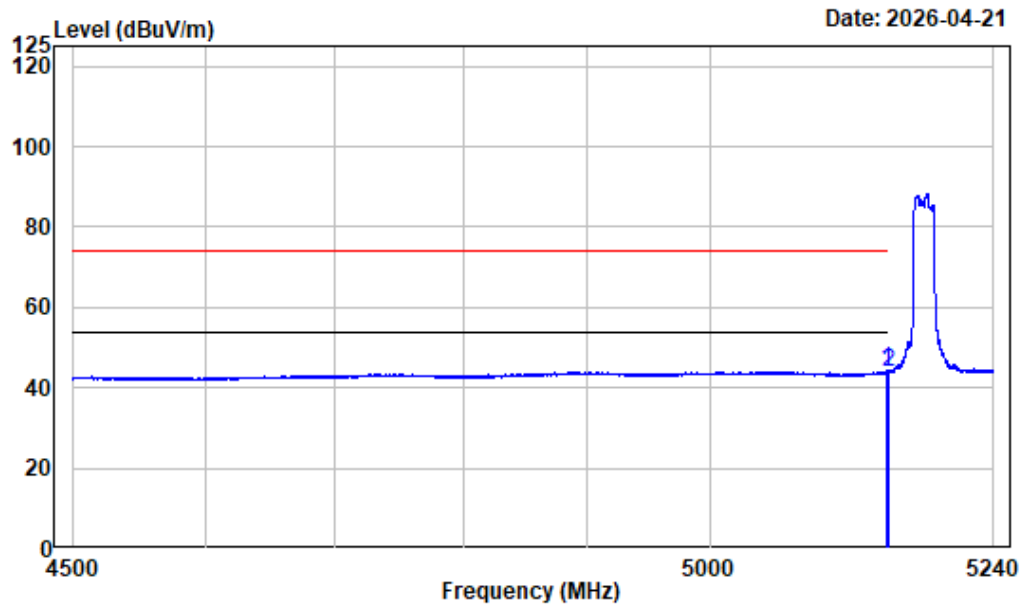
Left Band edge_Vertical_Peak_802.11a_5180MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5180

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5149.627	-7.45	65.45	58.00	74.00	-16.00	Peak
2 5150.000	-7.45	63.14	55.69	74.00	-18.31	Peak

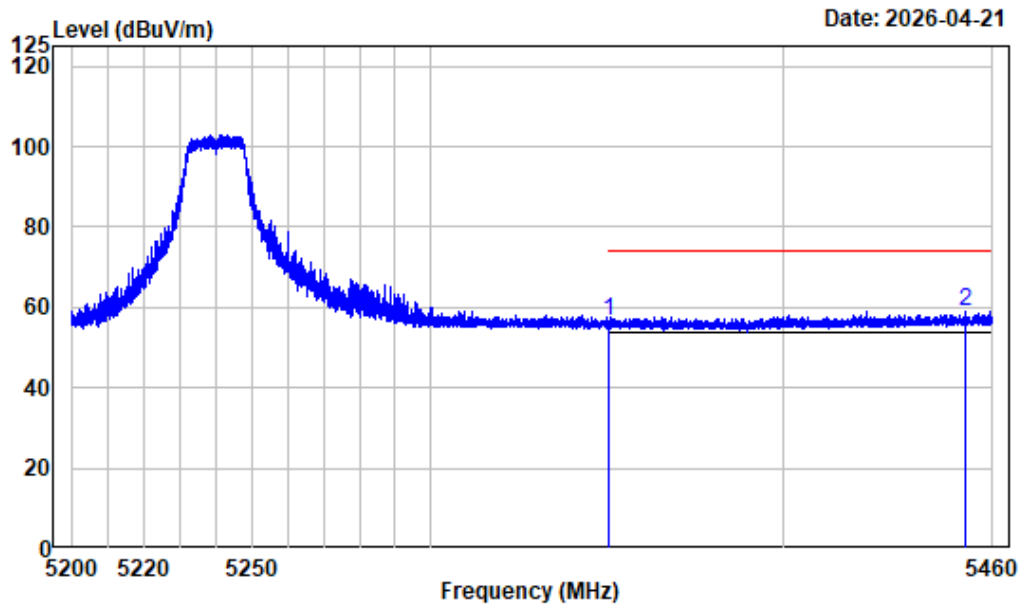
Left Band edge_Vertical_Average_802.11a_5180MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:300Hz Detector:Peak
Note : 5GWiFi-Band1-A-5180

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5148.703	-7.45	51.67	44.22	54.00	-9.78 Average
2	5150.000	-7.45	51.24	43.79	54.00	-10.21 Average

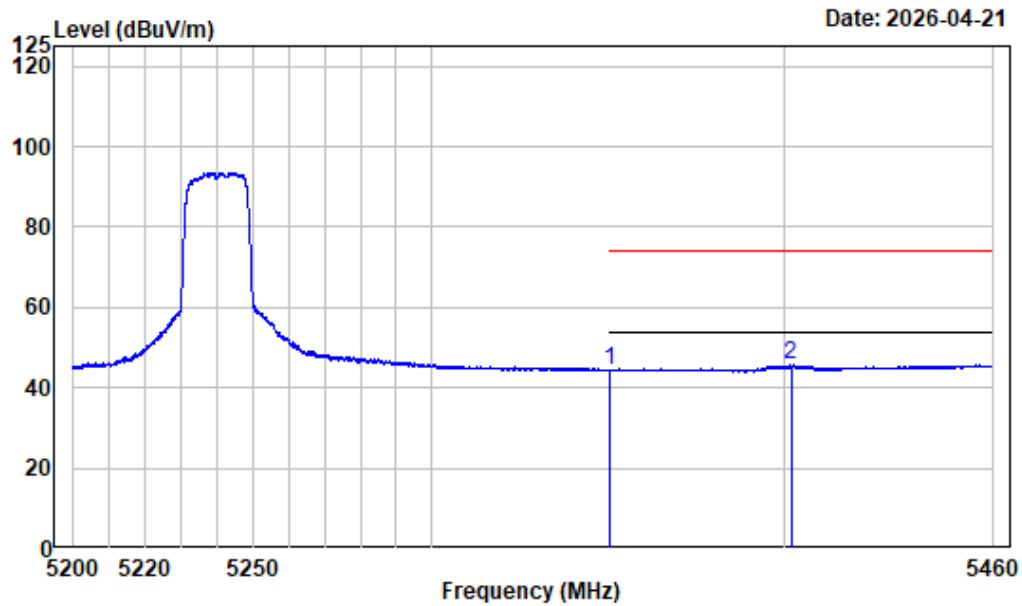
Right Band edge_Horizontal_Peak_802.11a_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5350.000	-6.76	63.44	56.68	74.00	-17.32	Peak
2 5452.200	-6.29	65.34	59.05	74.00	-14.95	Peak

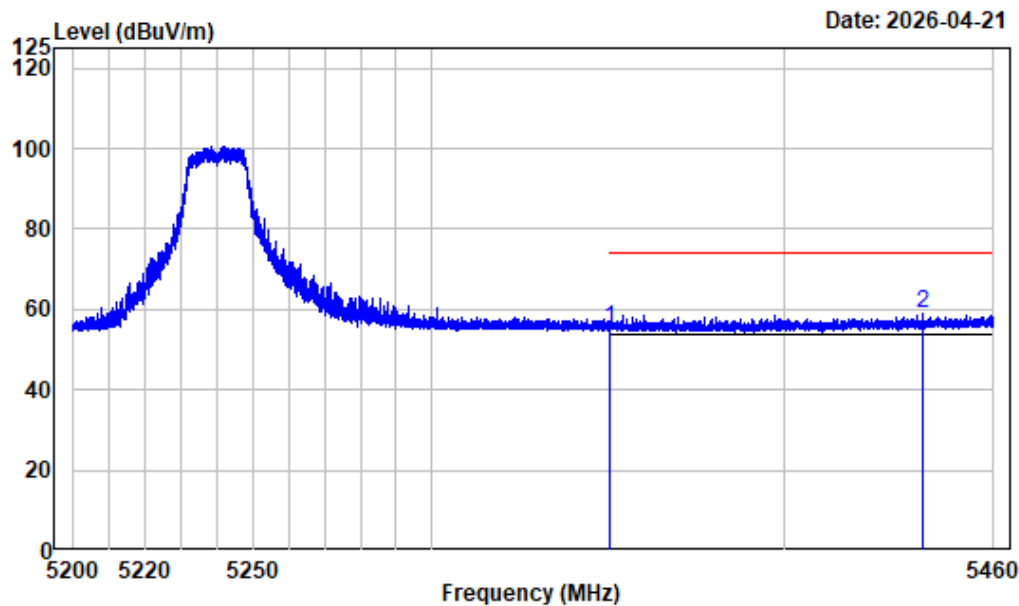
Right Band edge_Horizontal_Average_802.11a_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:300Hz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read Level		Limit	Over	Remark
				Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5350.000	-6.76	51.13	44.37	54.00	-9.63 Average
2	5401.728	-6.61	52.18	45.57	54.00	-8.43 Average

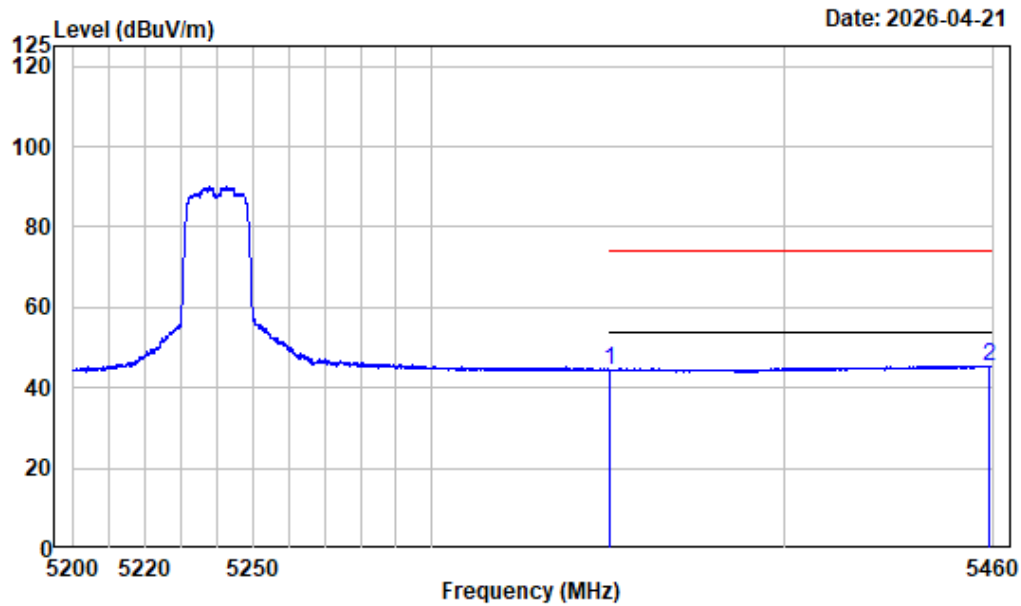
Right Band edge_Vertical_Peak_802.11a_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5350.000	-6.76	62.14	55.38	74.00	-18.62 Peak
2	5439.720	-6.37	65.29	58.92	74.00	-15.08 Peak

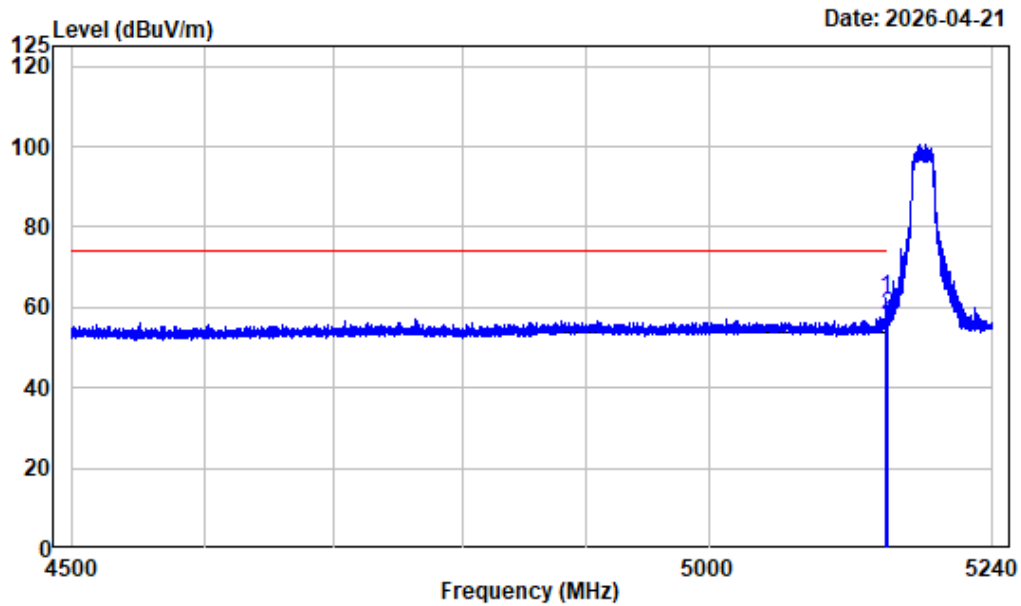
Right Band edge_Vertical_Average_802.11a_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:300Hz Detector:Peak
Note : 5GWiFi-Band1-A-5240

Freq Factor		Read Level		Limit	Over	Remark
				Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5350.000	-6.76	51.26	44.50	54.00	-9.50 Average
2	5458.667	-6.28	51.74	45.46	54.00	-8.54 Average

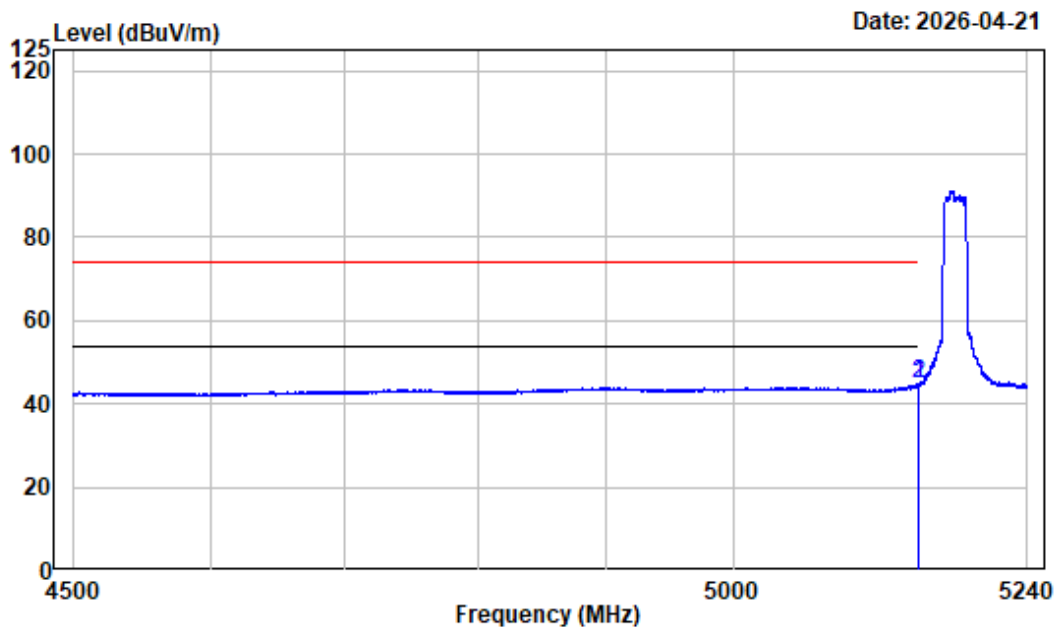
Left Band edge_Horizontal_Peak_802.11ac-VHT20_5180MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5180

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5148.610	-7.45	69.49	62.04	74.00	-11.96	Peak
2 5150.000	-7.45	65.49	58.04	74.00	-15.96	Peak

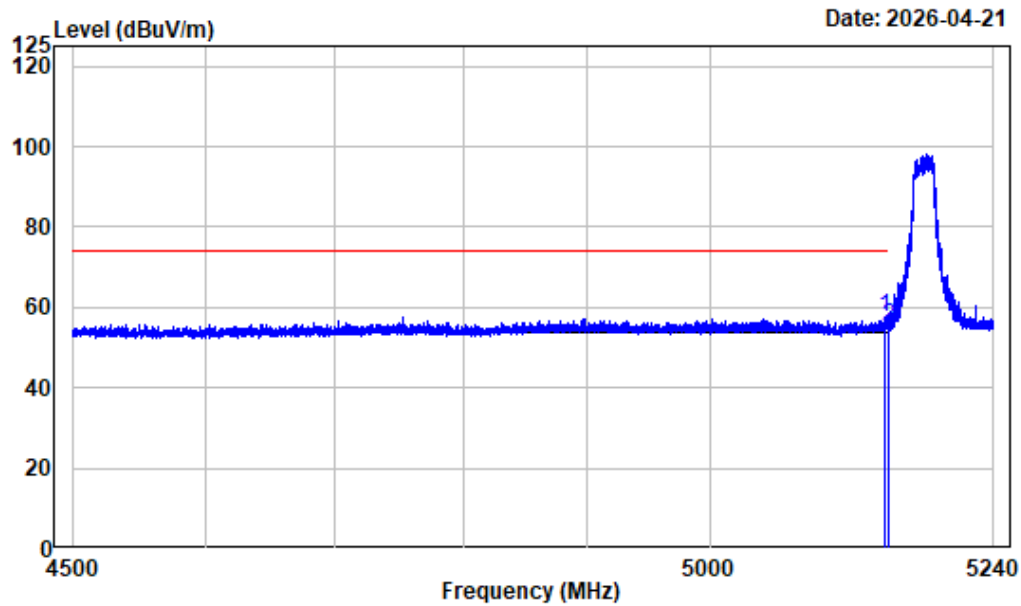
Left Band edge_Horizontal_Average_802.11ac-VHT20_5180MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC20-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.998	-7.45	52.29	44.84	54.00	-9.16	Average
2	5150.000	-7.45	52.20	44.75	54.00	-9.25	Average

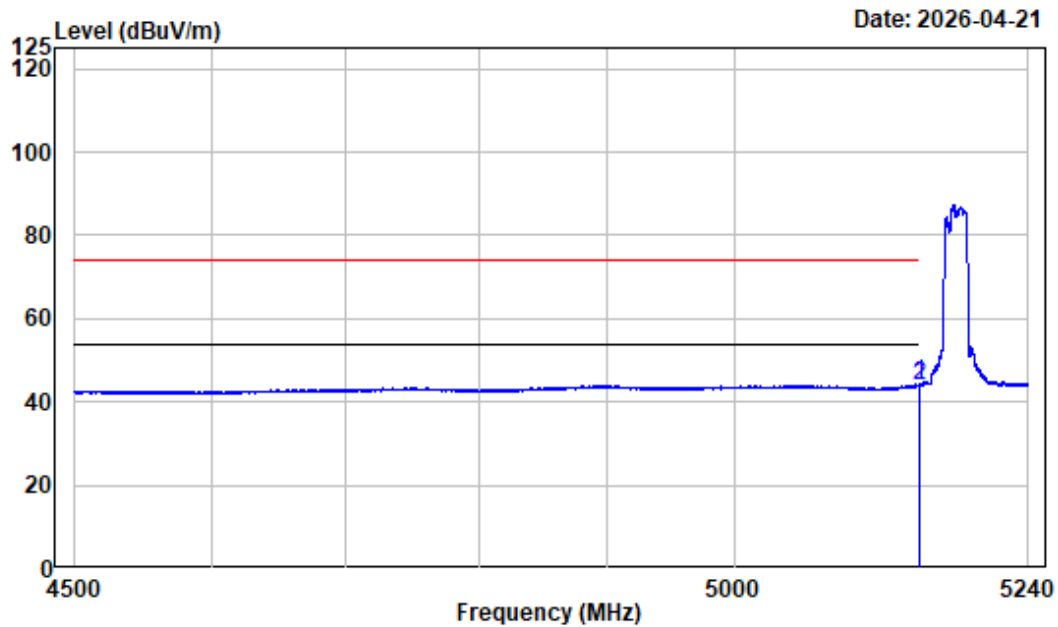
Left Band edge_Vertical_Peak_802.11ac-VHT20_5180MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5180

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5147.223	-7.45	65.03	57.58	74.00	-16.42	Peak
2 5150.000	-7.45	62.74	55.29	74.00	-18.71	Peak

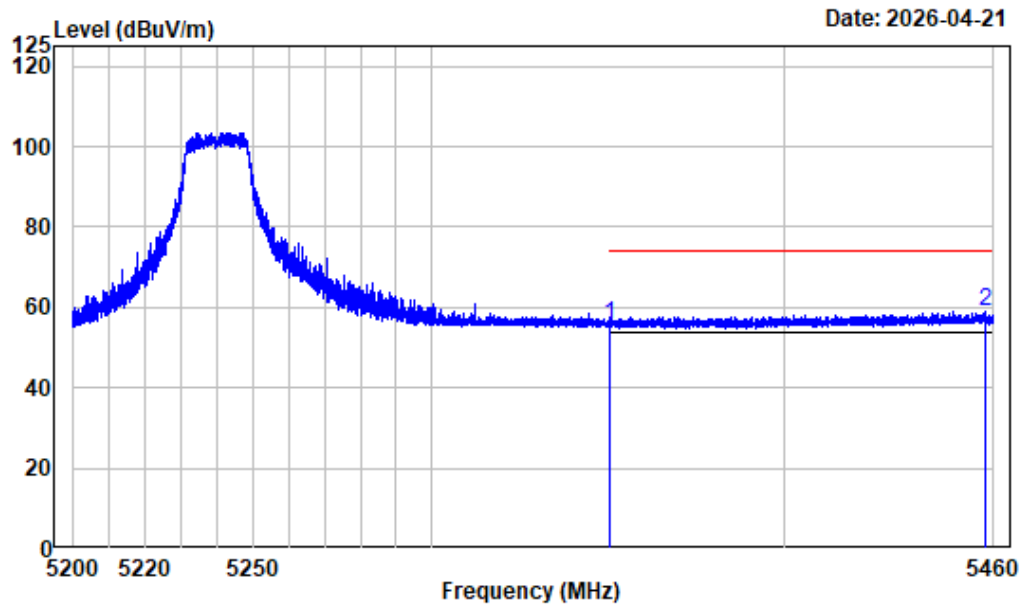
Left Band edge_Vertical_Average_802.11ac-VHT20_5180MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC20-5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.720	-7.45	51.75	44.30	54.00	-9.70	Average
2	5150.000	-7.45	51.38	43.93	54.00	-10.07	Average

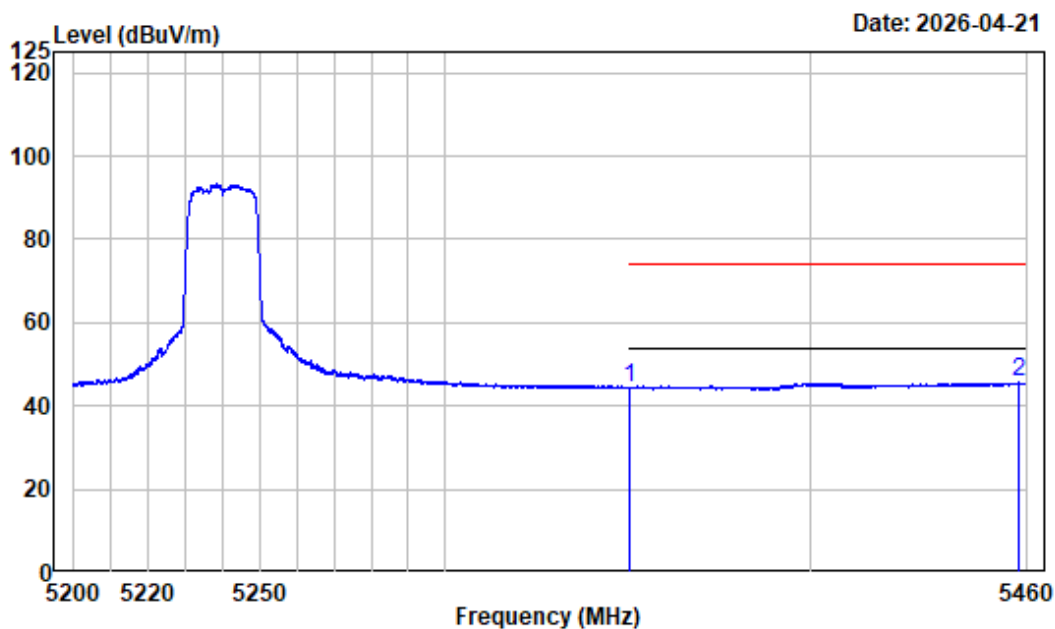
Right Band edge_Horizontal_Peak_802.11ac-VHT20_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5350.000	-6.76	62.42	55.66	74.00	-18.34	Peak
2 5457.465	-6.28	65.14	58.86	74.00	-15.14	Peak

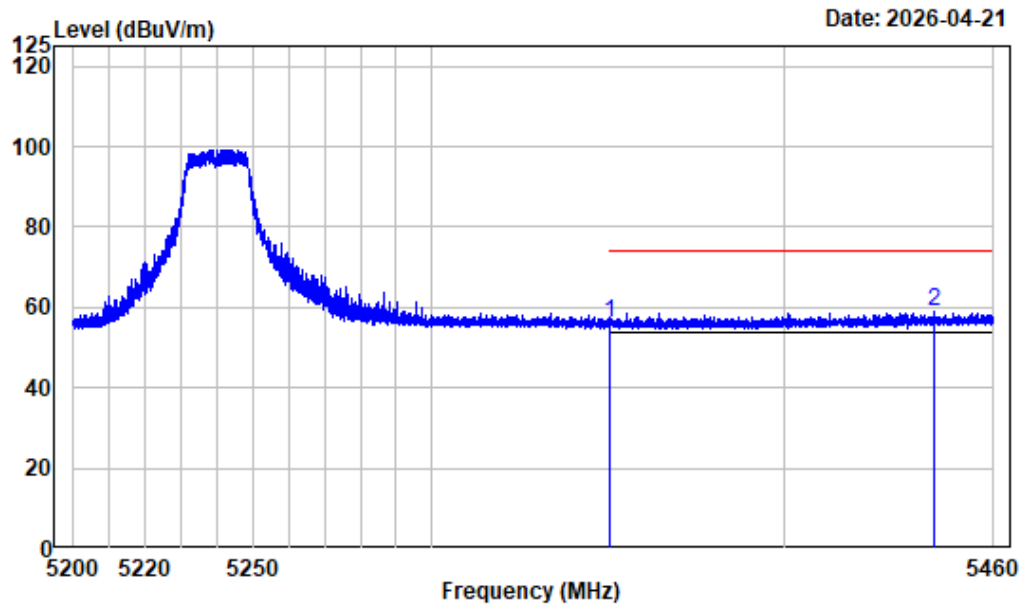
Right Band edge_Horizontal_Average_802.11ac-VHT20_5240MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.76	51.24	44.48	54.00	-9.52	Average
2	5457.465	-6.28	51.86	45.58	54.00	-8.42	Average

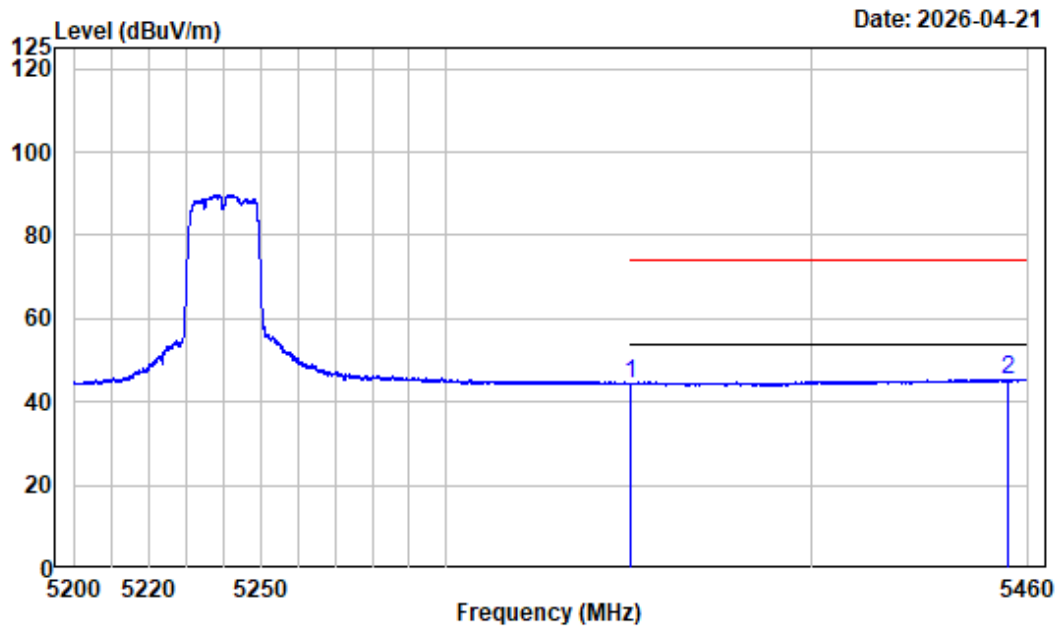
Right Band edge_Vertical_Peak_802.11ac-VHT20_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

Freq Factor		Read Level		Limit	Over	Remark
				Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5350.000	-6.76	62.69	55.93	74.00	-18.07 Peak
2	5443.100	-6.35	65.21	58.86	74.00	-15.14 Peak

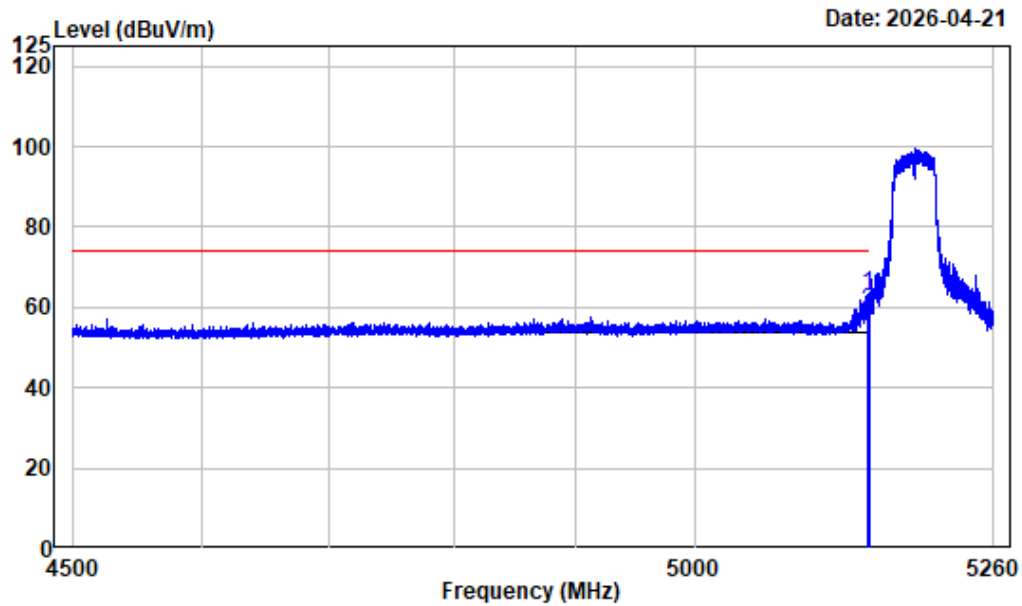
Right Band edge_Vertical_Average_802.11ac-VHT20_5240MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC20-5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.76	51.04	44.28	54.00	-9.72	Average
2	5454.442	-6.29	51.76	45.47	54.00	-8.53	Average

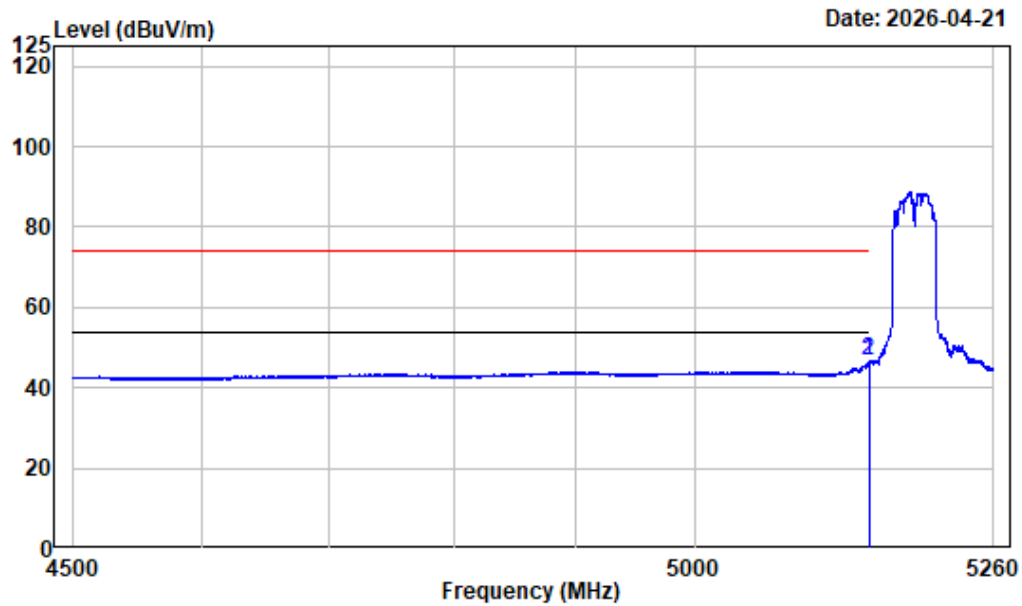
Left Band edge_Horizontal_Peak_802.11ac-VHT40_5190MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5190

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5149.610	-7.45	70.82	63.37	74.00	-10.63	Peak
2 5150.000	-7.45	66.24	58.79	74.00	-15.21	Peak

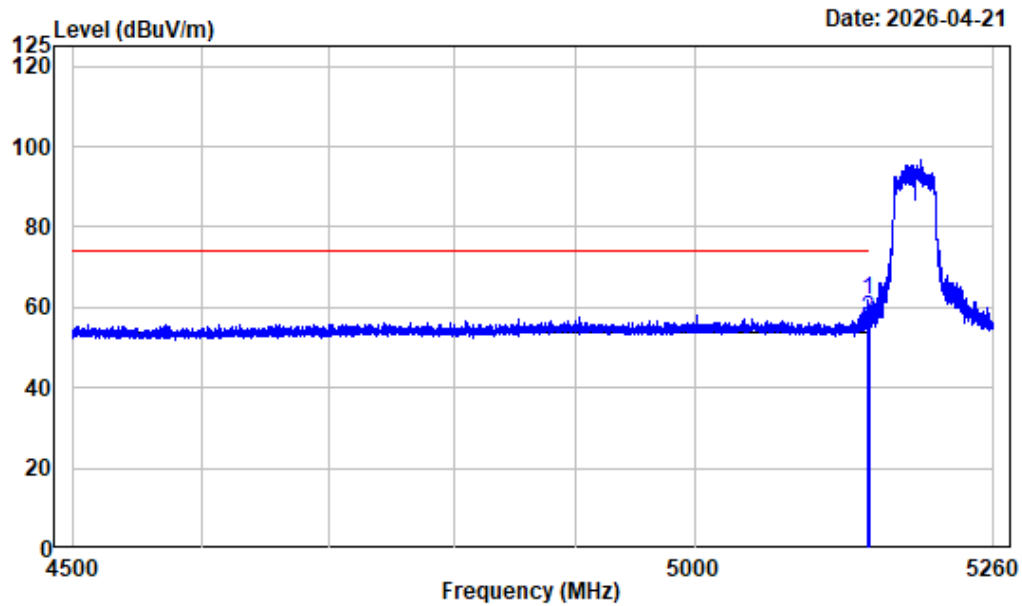
Left Band edge_Horizontal_Average_802.11ac-VHT40_5190MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC40-5190

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.990	-7.45	54.01	46.56	54.00	-7.44 Average
2	5150.000	-7.45	53.92	46.47	54.00	-7.53 Average

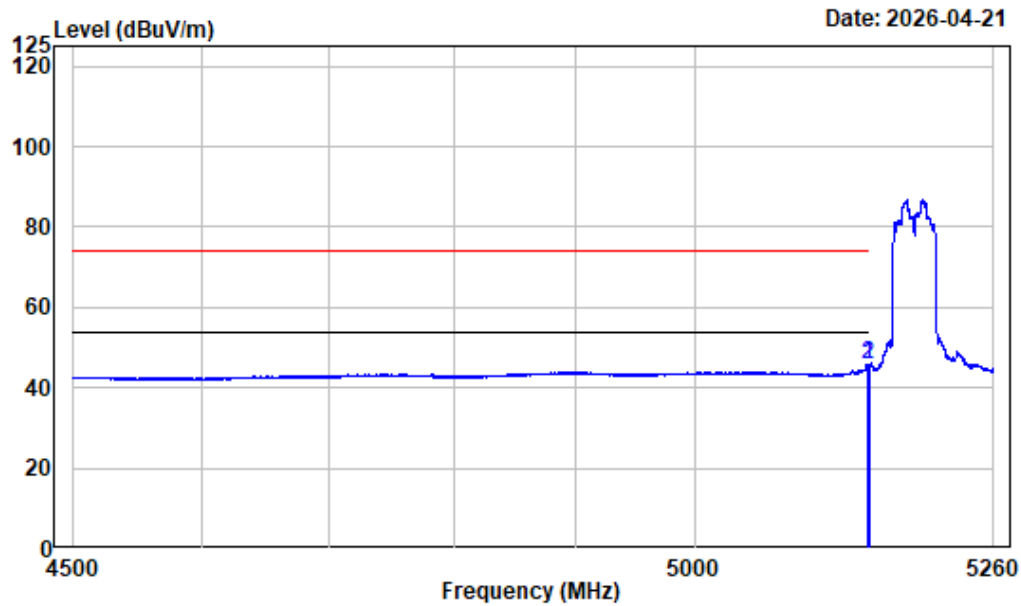
Left Band edge_Vertical_Peak_802.11ac-VHT40_5190MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5190

Freq Factor		Read Level		Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.610	-7.45	69.33	61.88	74.00	-12.12 Peak
2	5150.000	-7.45	64.45	57.00	74.00	-17.00 Peak

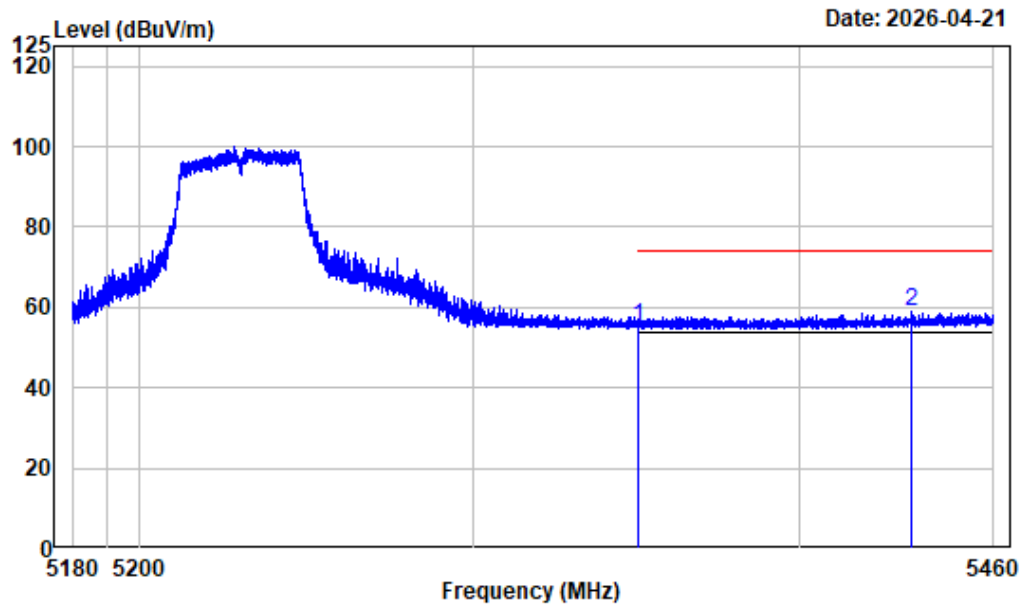
Left Band edge_Vertical_Average_802.11ac-VHT40_5190MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC40-5190

Freq Factor		Read		Limit	Over	Remark
		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5148.565	-7.45	53.34	45.89	54.00	-8.11 Average
2	5150.000	-7.45	53.02	45.57	54.00	-8.43 Average

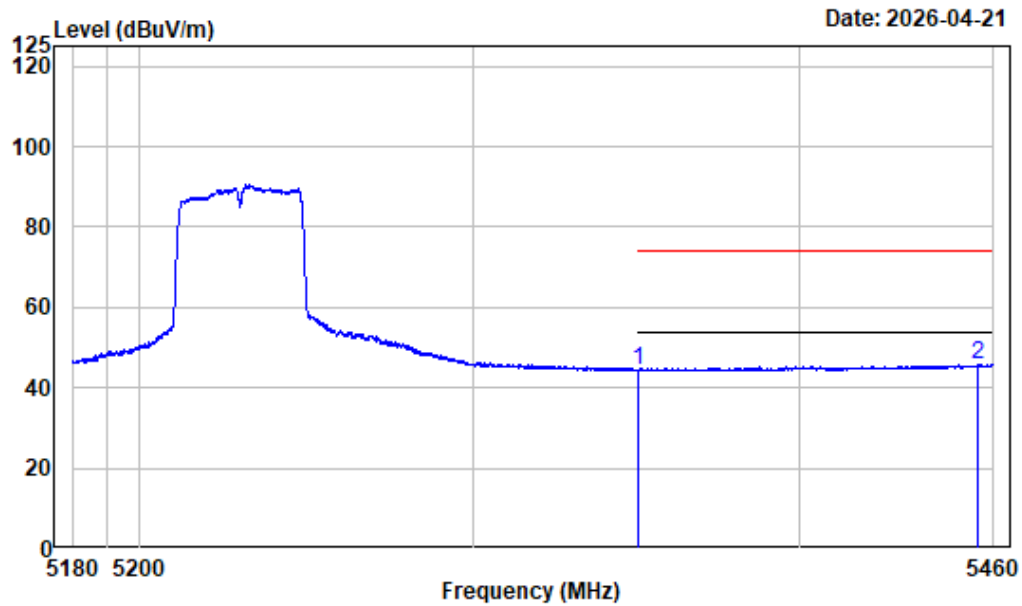
Right Band edge_Horizontal_Peak_802.11ac-VHT40_5230MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.76	62.18	55.42	74.00	-18.58	Peak
2	5434.380	-6.40	65.30	58.90	74.00	-15.10	Peak

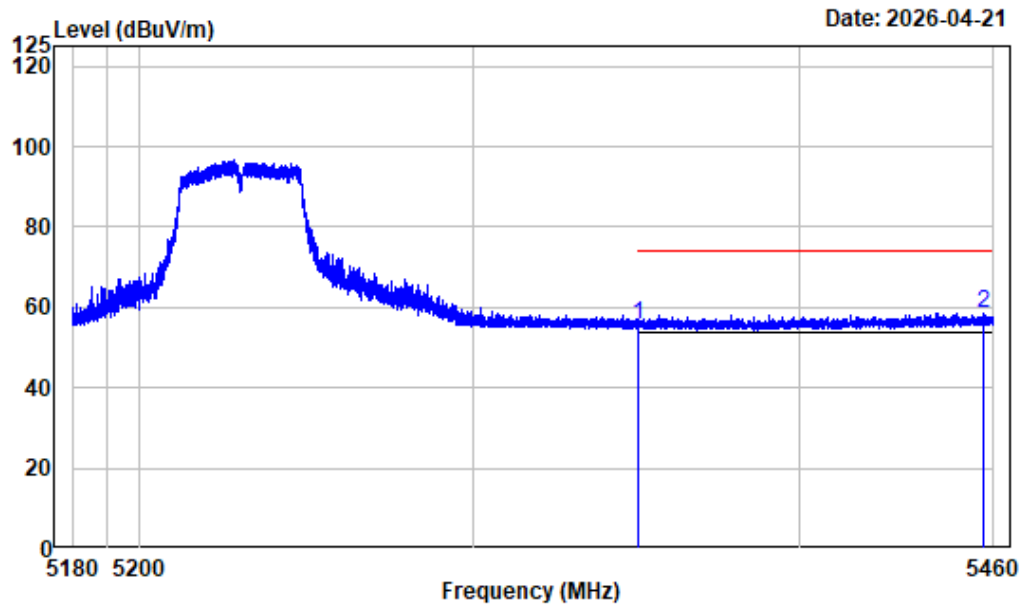
Right Band edge_Horizontal_Average_802.11ac-VHT40_5230MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read Level		Limit	Over	Remark
				Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5350.000	-6.76	51.29	44.53	54.00	-9.47 Average
2	5455.170	-6.29	51.95	45.66	54.00	-8.34 Average

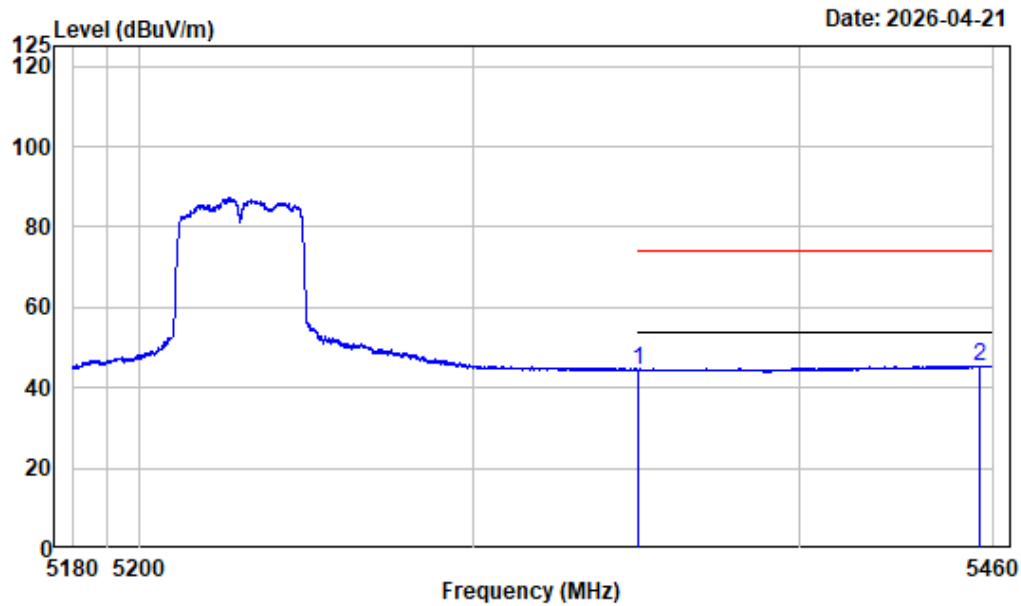
Right Band edge_Vertical_Peak_802.11ac-VHT40_5230MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read		Limit	Over	Remark
MHz	dB/m	Level	Level	Line	Limit	
		dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.76	62.19	55.43	74.00	-18.57 Peak
2	5456.745	-6.28	64.89	58.61	74.00	-15.39 Peak

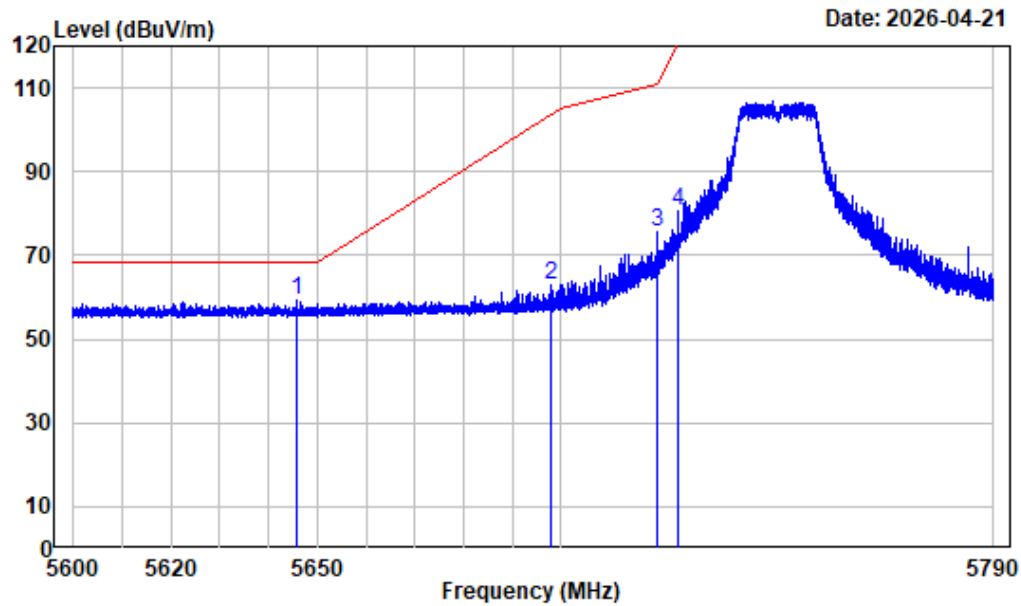
Right Band edge_Vertical_Average_802.11ac-VHT40_5230MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Average reading:RBW:1MHz VBW:500Hz Detector:Peak
Note : 5GWiFi-Band1-AC40-5230

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5350.000	-6.76	51.10	44.34	54.00	-9.66	Average
2 5455.800	-6.28	51.75	45.47	54.00	-8.53	Average

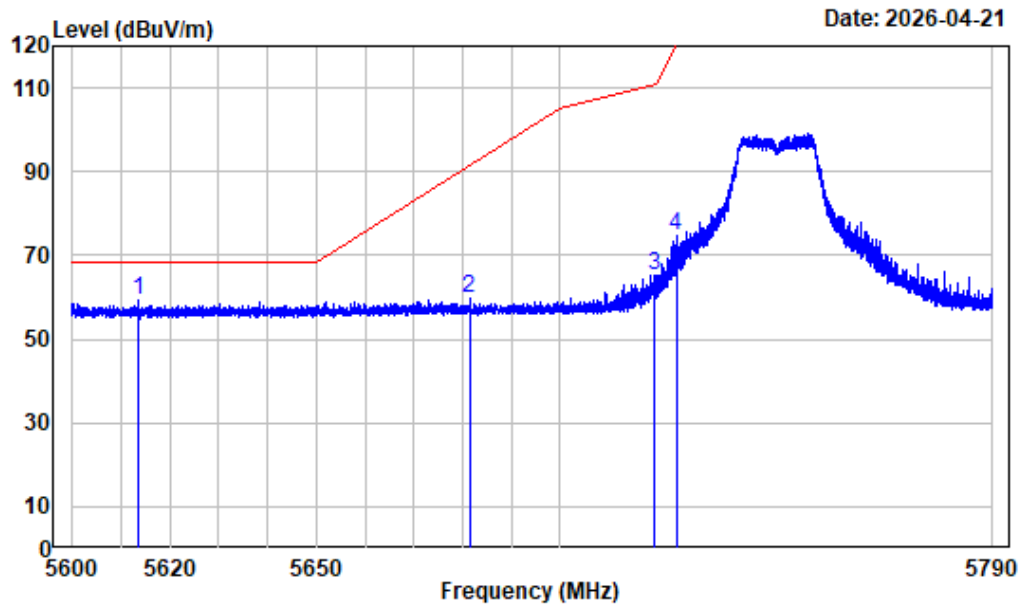
Left Band edge_Horizontal_Peak_802.11a_5745MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5645.647	-5.92	65.31	59.39	68.20	-8.81	Peak
2	5697.993	-5.78	68.87	63.09	103.72	-40.63	Peak
3	5719.985	-5.58	81.05	75.47	110.80	-35.33	Peak
4	5724.070	-5.54	86.07	80.53	120.08	-39.55	Peak

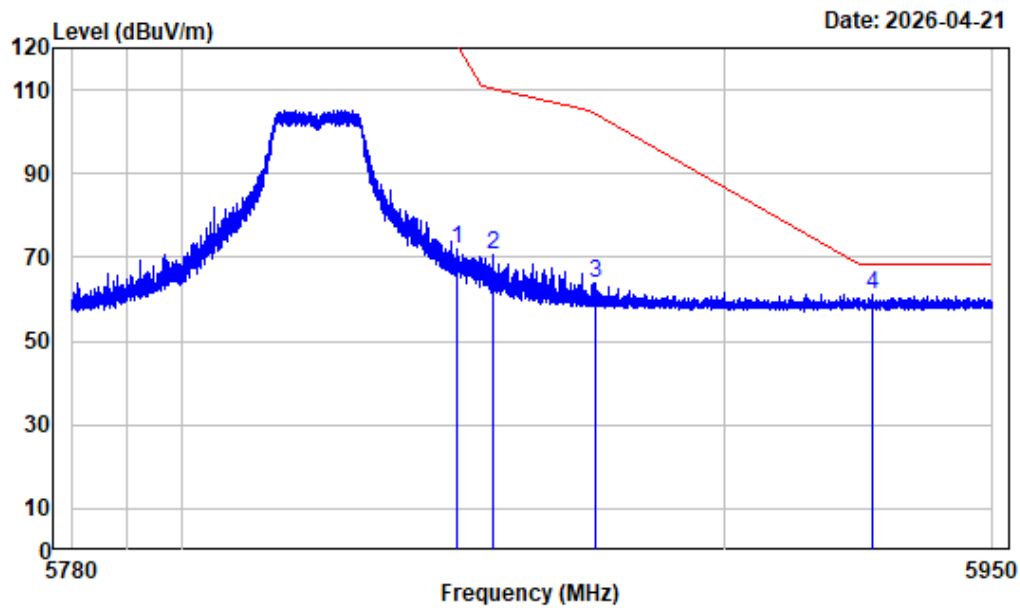
Left Band edge_Vertical_Peak_802.11a_5745MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5613.704	-6.12	65.27	59.15	68.20	-9.05	Peak
2	5681.320	-5.81	65.56	59.75	91.41	-31.66	Peak
3	5719.558	-5.58	70.97	65.39	110.68	-45.29	Peak
4	5724.022	-5.54	80.09	74.55	119.97	-45.42	Peak

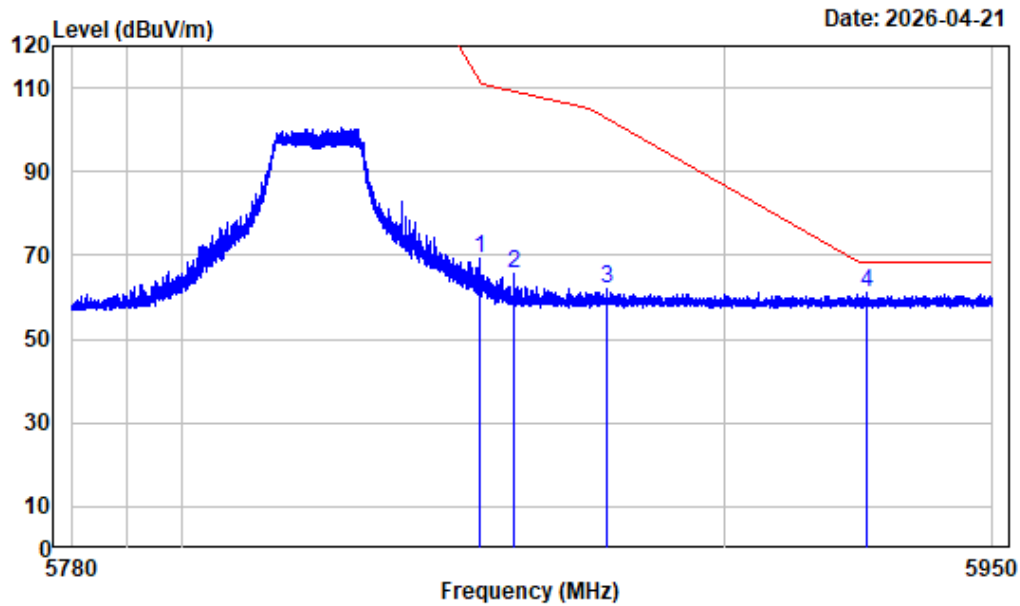
Right Band edge_Horizontal_Peak_802.11a_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.486	-4.70	76.63	71.93	121.09	-49.16	Peak
2	5857.329	-4.67	75.20	70.53	110.15	-39.62	Peak
3	5876.284	-4.60	68.49	63.89	104.25	-40.36	Peak
4	5927.539	-4.50	65.50	61.00	68.20	-7.20	Peak

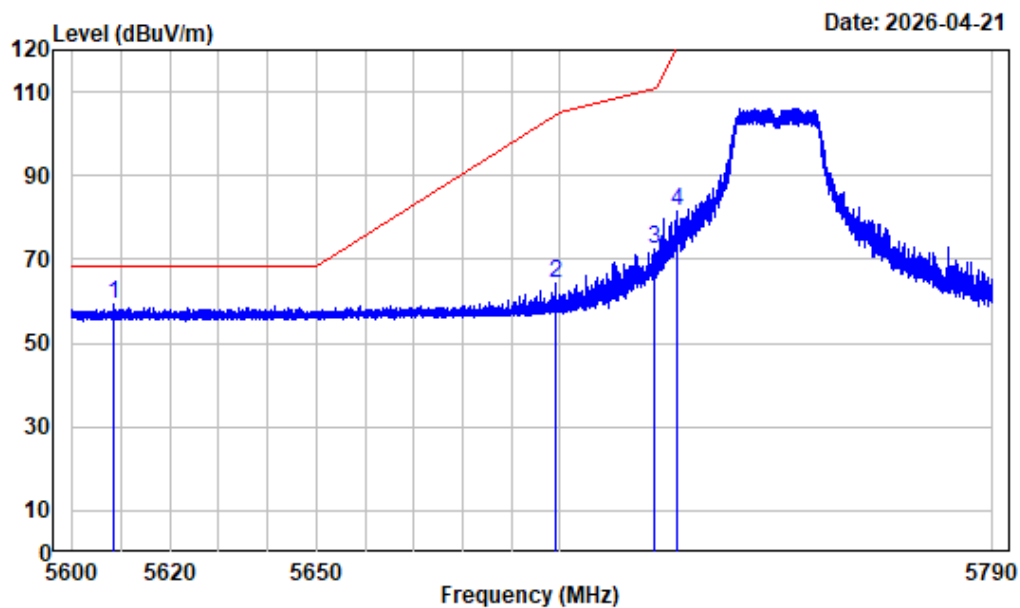
Right Band edge_Vertical_Peak_802.11a_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-A-5825

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 5854.779	-4.68	74.06	69.38	111.30	-41.92 Peak
2 5861.005	-4.67	70.15	65.48	109.12	-43.64 Peak
3 5878.345	-4.59	66.48	61.89	102.71	-40.82 Peak
4 5926.455	-4.49	65.65	61.16	68.20	-7.04 Peak

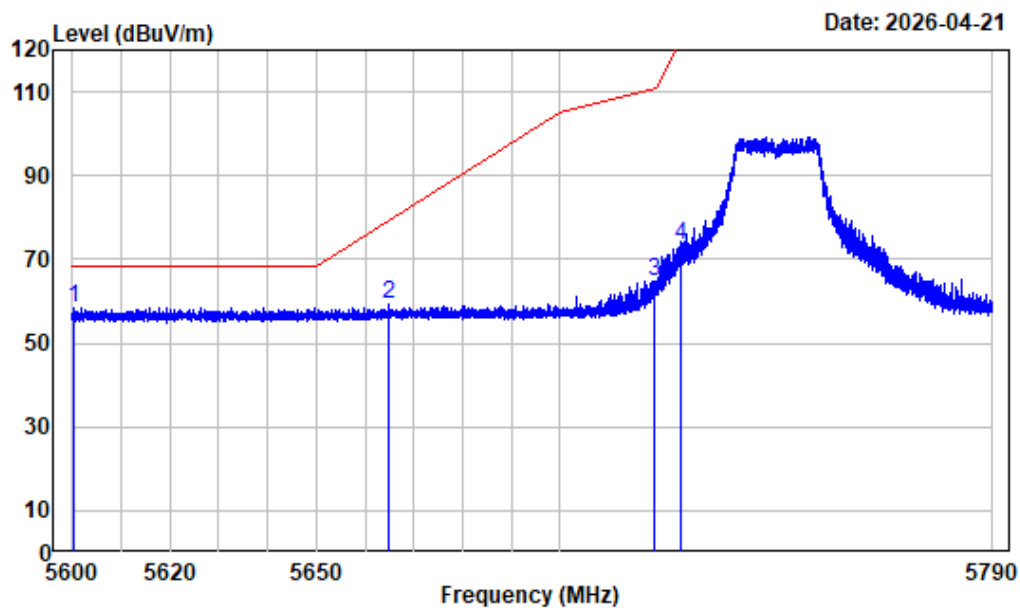
Left Band edge_Horizontal_Peak_802.11ac-VHT20_5745MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5608.550	-6.15	65.34	59.19	68.20	-9.01	Peak
2	5699.085	-5.78	70.09	64.31	104.53	-40.22	Peak
3	5719.581	-5.58	77.91	72.33	110.68	-38.35	Peak
4	5724.284	-5.54	86.85	81.31	120.57	-39.26	Peak

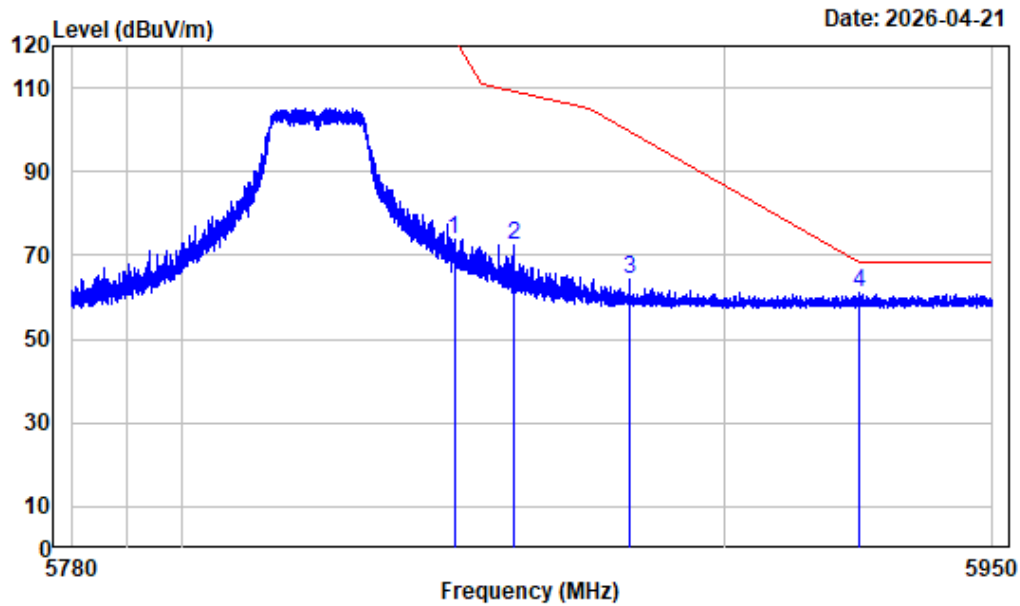
Left Band edge_Vertical_Peak_802.11ac-VHT20_5745MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5745

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 5600.475	-6.20	64.81	58.61	68.20	-9.59 Peak
2 5664.933	-5.85	65.19	59.34	79.28	-19.94 Peak
3 5719.486	-5.58	70.46	64.88	110.66	-45.78 Peak
4 5724.925	-5.54	78.84	73.30	122.03	-48.73 Peak

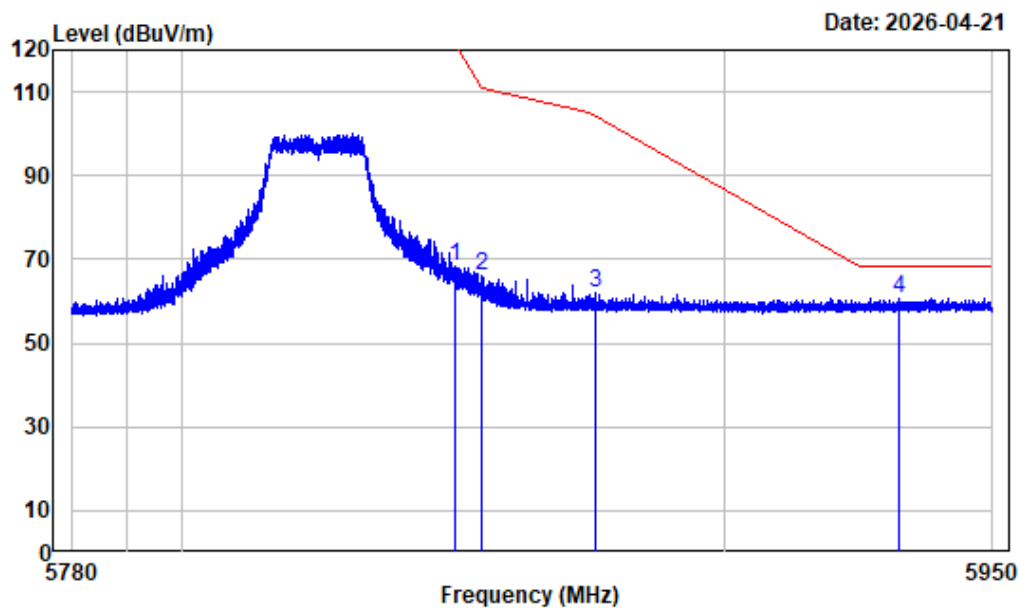
Right Band edge_Horizontal_Peak_802.11ac-VHT20_5825MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.061	-4.70	78.62	73.92	122.06	-48.14	Peak
2	5860.962	-4.67	77.08	72.41	109.13	-36.72	Peak
3	5882.382	-4.58	69.00	64.42	99.72	-35.30	Peak
4	5925.010	-4.49	65.49	61.00	68.20	-7.20	Peak

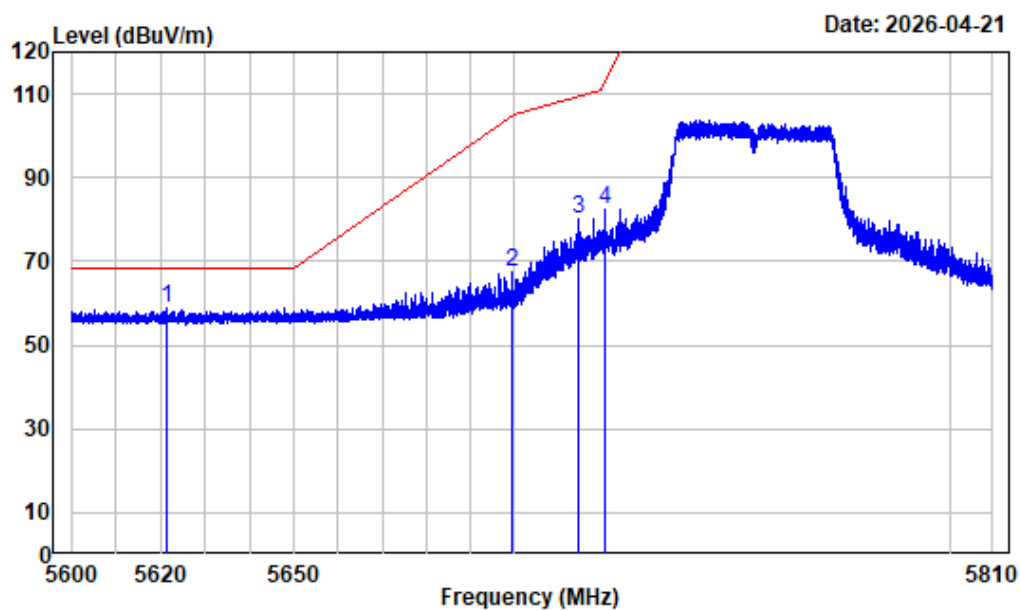
Right Band edge_Vertical_Peak_802.11ac-VHT20_5825MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.316	-4.70	73.03	68.33	121.48	-53.15	Peak
2	5855.119	-4.68	70.76	66.08	110.77	-44.69	Peak
3	5875.965	-4.61	66.42	61.81	104.48	-42.67	Peak
4	5932.681	-4.49	65.13	60.64	68.20	-7.56	Peak

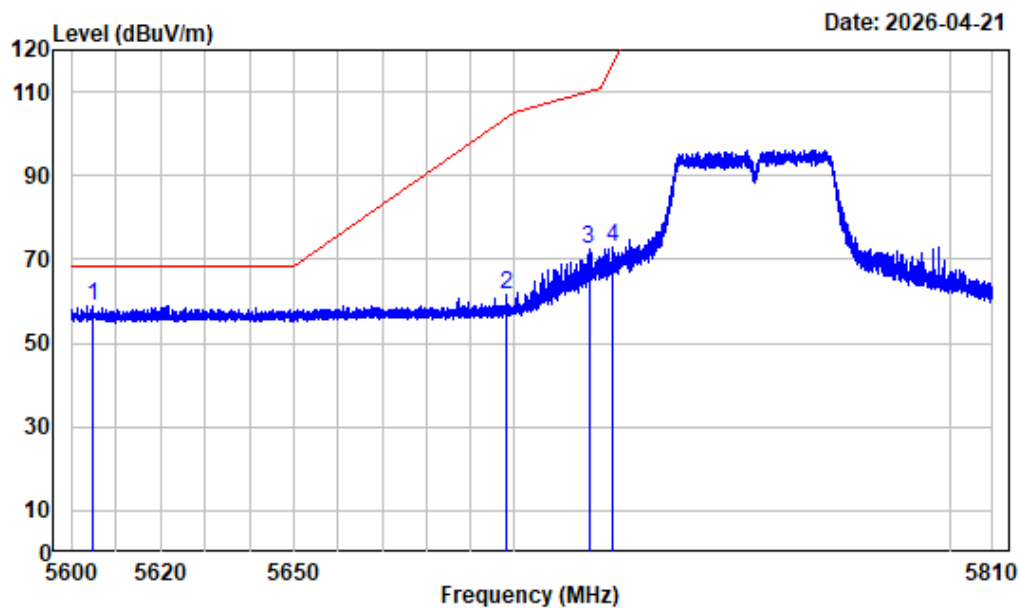
Left Band edge_Horizontal_Peak_802.11ac-VHT40_5755MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5621.210	-6.07	65.13	59.06	68.20	-9.14	Peak
2	5699.356	-5.78	73.39	67.61	104.73	-37.12	Peak
3	5714.607	-5.63	85.99	80.36	109.29	-28.93	Peak
4	5720.855	-5.57	87.87	82.30	112.75	-30.45	Peak

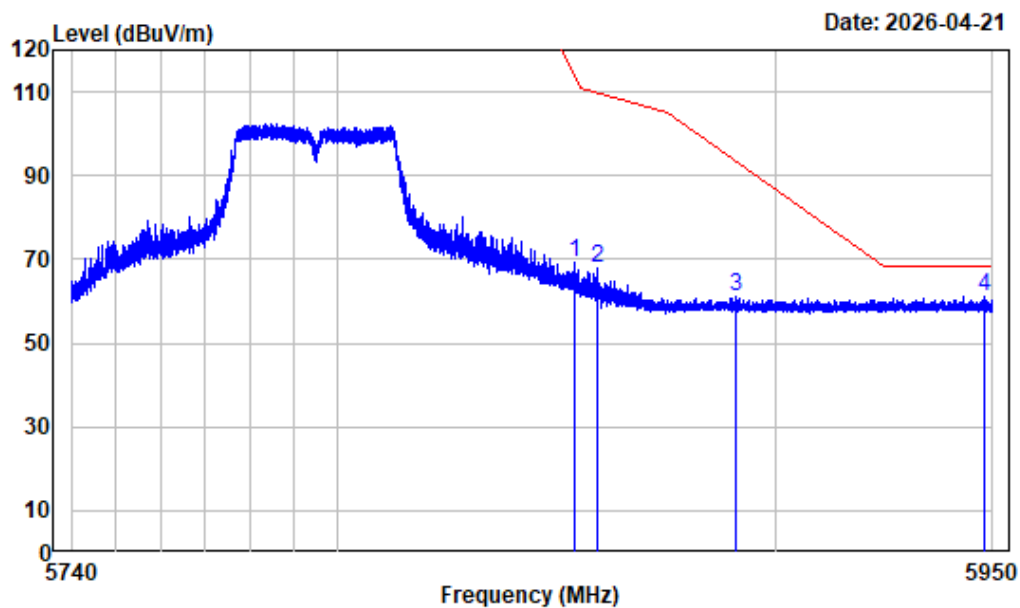
Left Band edge_Vertical_Peak_802.11ac-VHT40_5755MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5604.646	-6.17	65.02	58.85	68.20	-9.35	Peak
2	5698.175	-5.78	67.42	61.64	103.86	-42.22	Peak
3	5717.022	-5.62	78.23	72.61	109.97	-37.36	Peak
4	5722.272	-5.56	78.59	73.03	115.98	-42.95	Peak

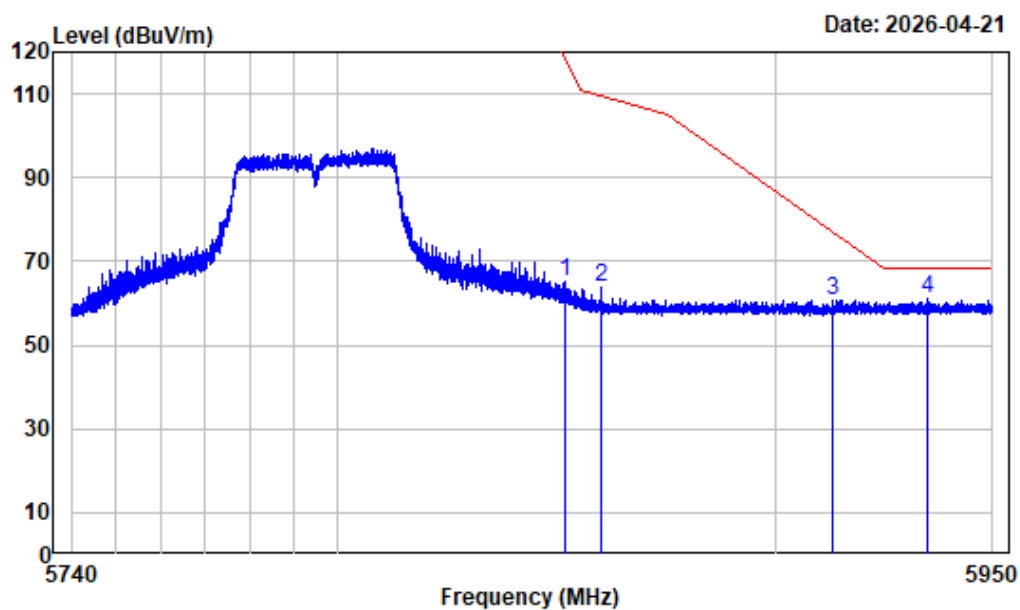
Right Band edge_Horizontal_Peak_802.11ac-VHT40_5795MHz



Condition : Horizontal
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5853.689	-4.69	73.91	69.22	113.79	-44.57	Peak
2	5858.913	-4.66	72.39	67.73	109.70	-41.97	Peak
3	5890.701	-4.55	65.75	61.20	93.55	-32.35	Peak
4	5948.163	-4.49	65.67	61.18	68.20	-7.02	Peak

Right Band edge_Vertical_Peak_802.11ac-VHT40_5795MHz



Condition : Vertical
Project No. : 2601S22685E-RF
Tester : Zenos Qiao
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi-Band4-AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5851.667	-4.69	69.96	65.27	118.40	-53.13	Peak
2	5859.779	-4.66	68.44	63.78	109.46	-45.68	Peak
3	5913.014	-4.50	65.31	60.81	77.04	-16.23	Peak
4	5934.723	-4.49	65.46	60.97	68.20	-7.23	Peak

Emission Bandwidth**Test Information:**

Sample No.:	3JZ0-4	Test Date:	2026/04/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Yuna Mo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.3
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**26dB Emission Bandwidth
5150-5250MHz**

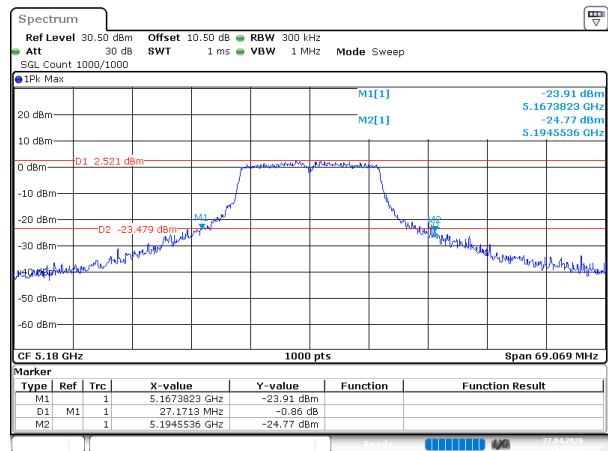
Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5180	27.171
	5200	27.560
	5240	29.185
802.11ac20	5180	28.875
	5200	27.360
	5240	29.151
802.11ac40	5190	48.949
	5230	70.649

**6dB Emission Bandwidth
5725-5850MHz**

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	16.467	0.5	Pass
	5785	16.467	0.5	Pass
	5825	16.416	0.5	Pass
802.11ac20	5745	17.718	0.5	Pass
	5785	17.718	0.5	Pass
	5825	17.718	0.5	Pass
802.11ac40	5755	36.537	0.5	Pass
	5795	36.537	0.5	Pass

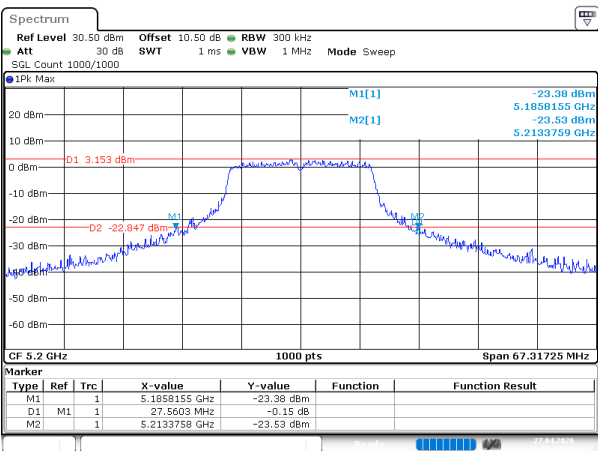
5150-5250MHz

802.11a_5180MHz



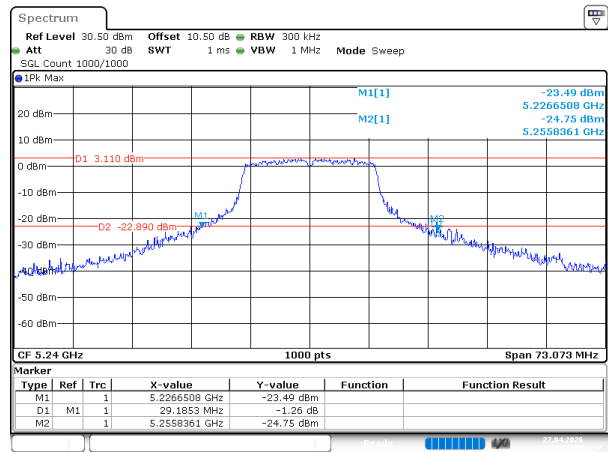
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Date: 27.APR.2026 11:23:31

802.11a_5200MHz



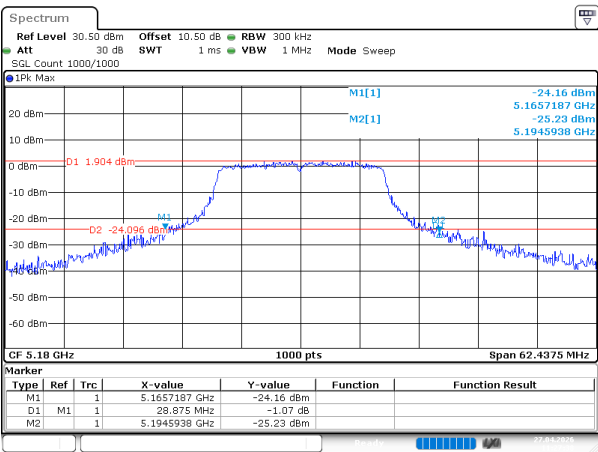
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Date: 27.APR.2026 11:24:52

802.11a_5240MHz



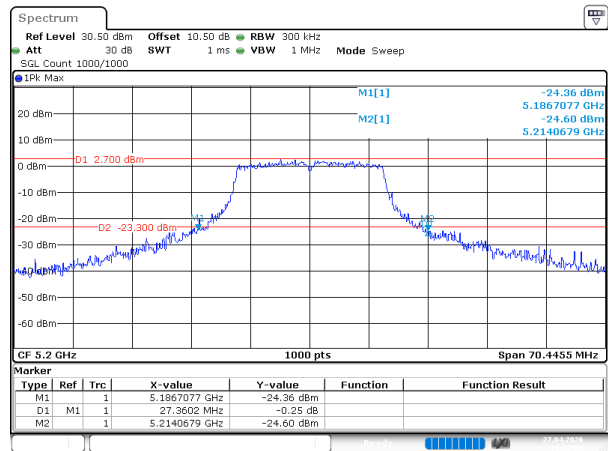
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802.11ac20_5180MHz



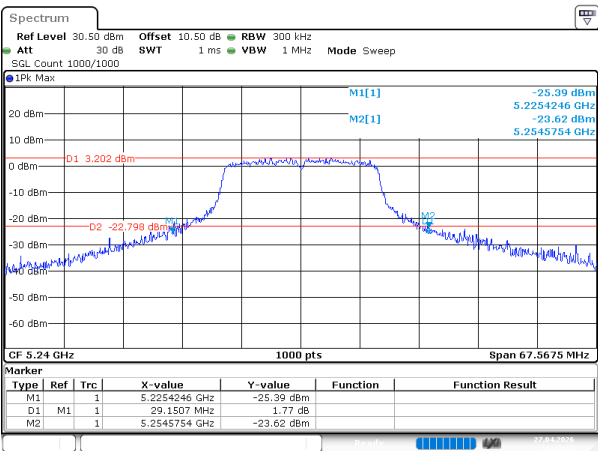
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Date: 27.APR.2026 11:27:18

802.11ac20_5200MHz



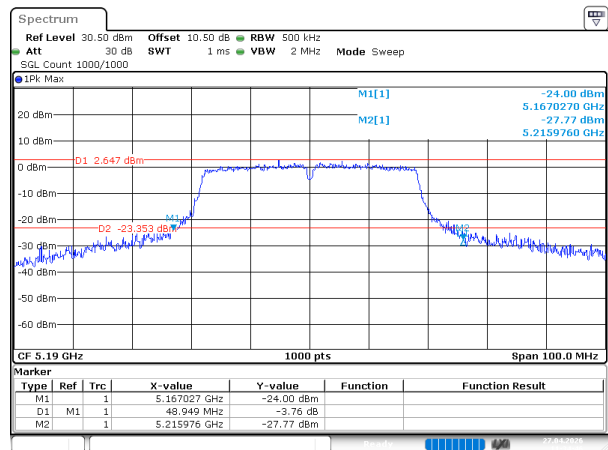
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Date: 27.APR.2026 11:30:24

802.11ac20_5240MHz



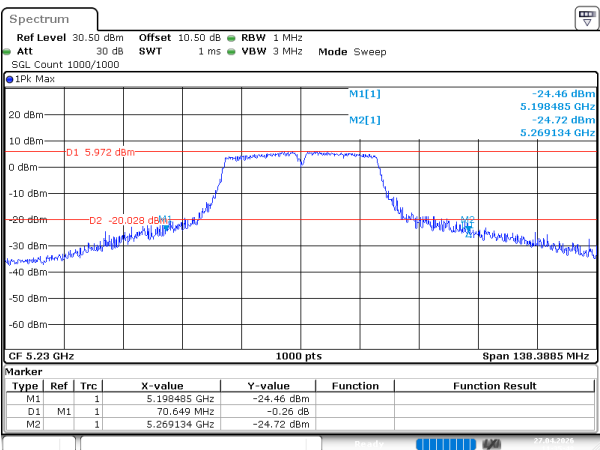
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:32:19

802.11ac40_5190MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:34:47

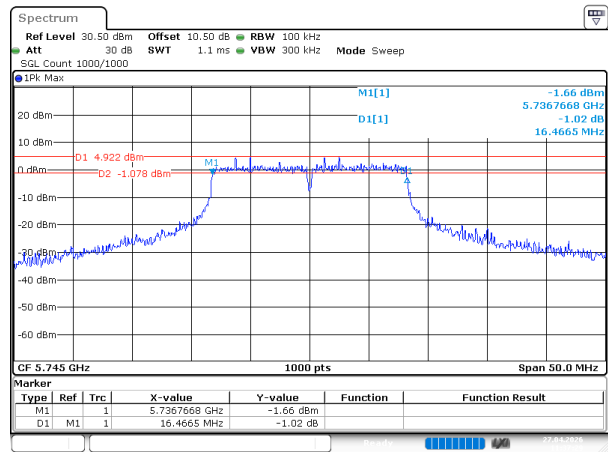
802.11ac40_5230MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:35:48

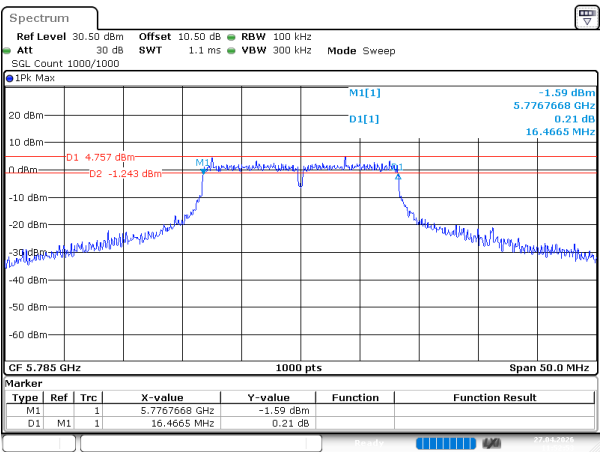
5725-5850MHz

802.11a_5745MHz



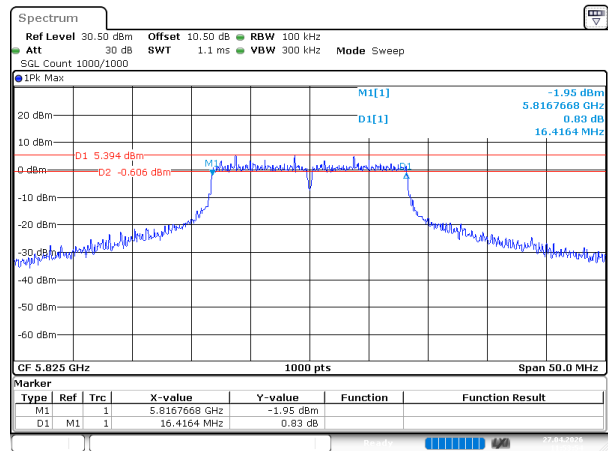
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:37:29

802.11a_5785MHz



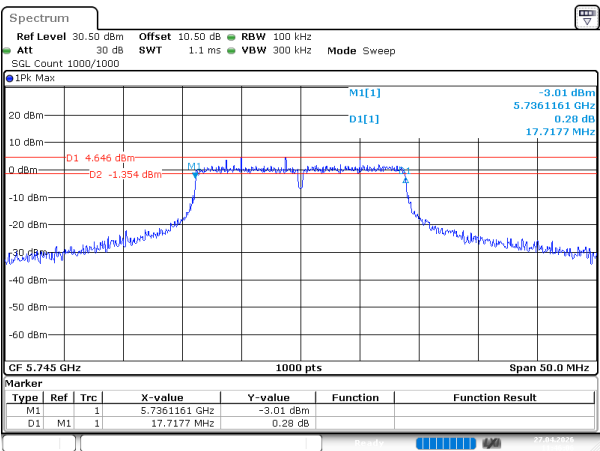
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Date: 27.APR.2026 11:52:54

802.11a_5825MHz



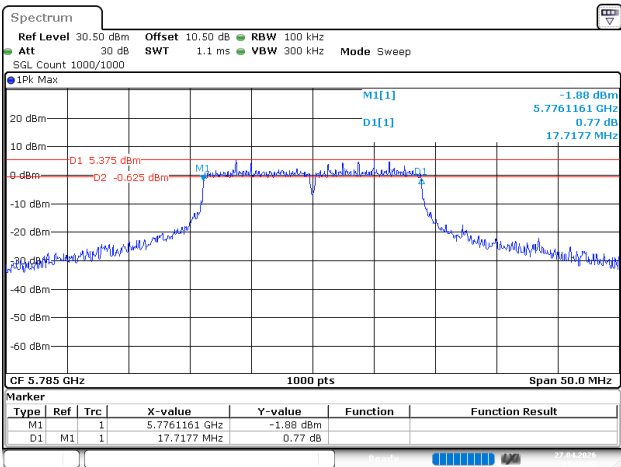
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Date: 27.APR.2026 11:53:54

802.11ac20_5745MHz



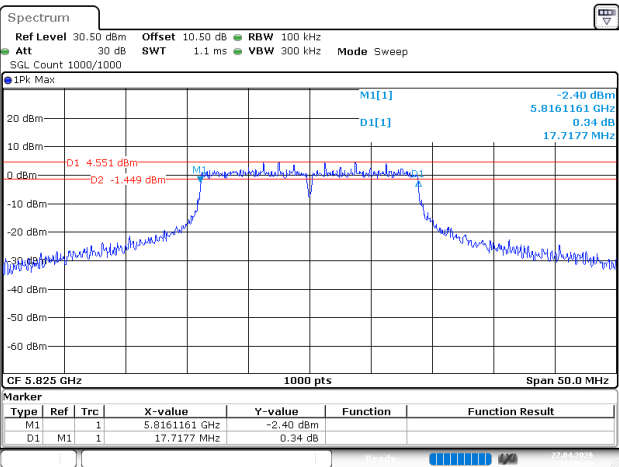
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Date: 27.APR.2026 11:46:07

802.11ac20_5785MHz



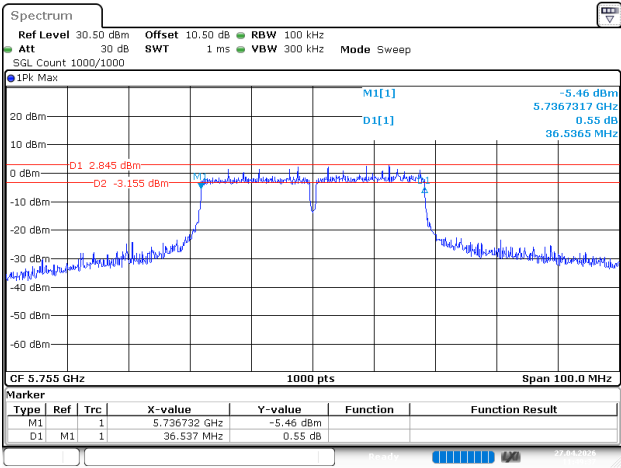
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:47:23

802.11ac20_5825MHz



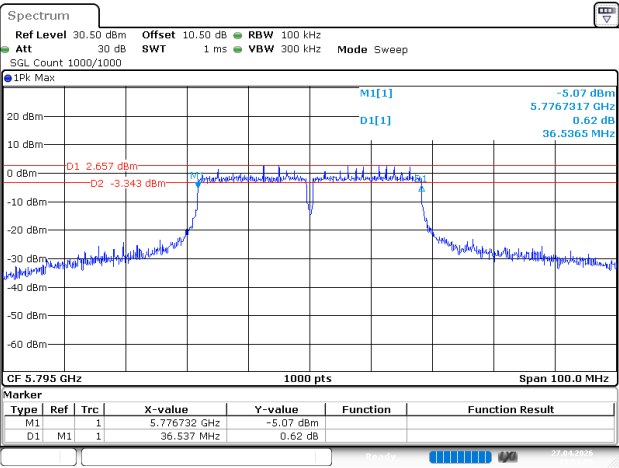
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:48:35

802.11ac40_5755MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:49:37

802.11ac40_5795MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:51:06

99% Occupied Bandwidth**Test Information:**

Sample No.:	3JZ0-4	Test Date:	2026/04/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Yuna Mo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.3
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5150-5250MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5180	16.800
	5200	16.850
	5240	16.900
802.11ac20	5180	18.050
	5200	18.050
	5240	18.100
802.11ac40	5190	36.900
	5230	37.000

Note:

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5725-5850MHz

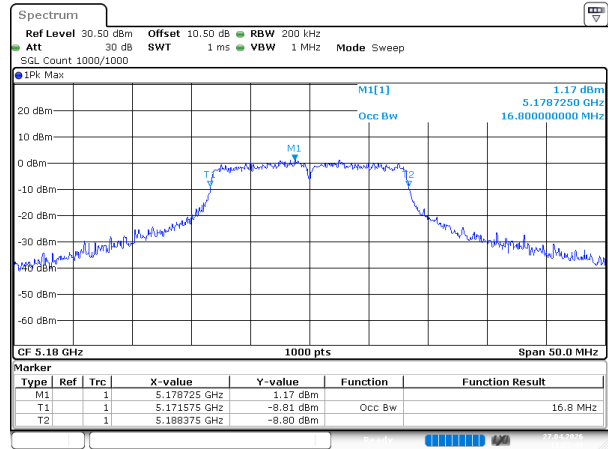
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	17.250
	5785	17.350
	5825	17.350
802.11ac20	5745	18.400
	5785	18.400
	5825	18.300
802.11ac40	5755	37.500
	5795	37.400

Note:

The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

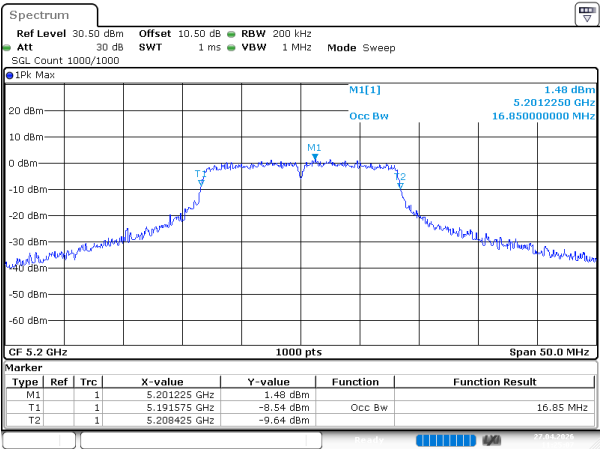
5150-5250MHz

802.11a_5180MHz



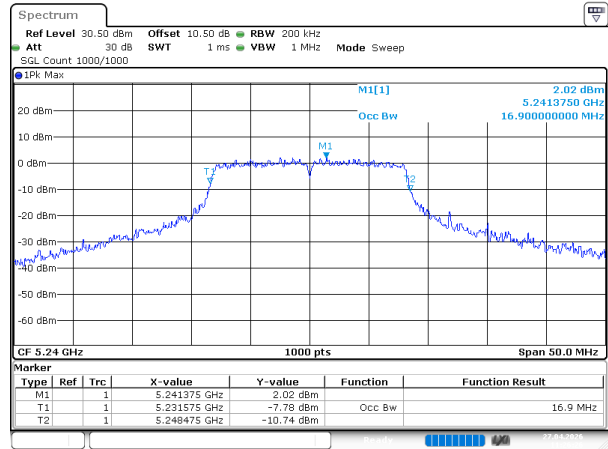
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:23:49

802.11a_5200MHz



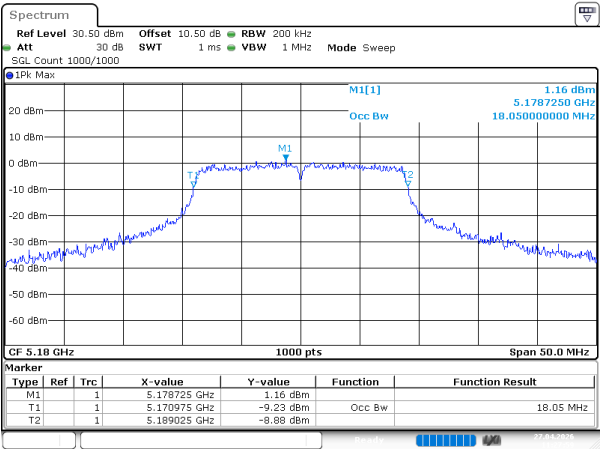
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:25:07

802.11a_5240MHz



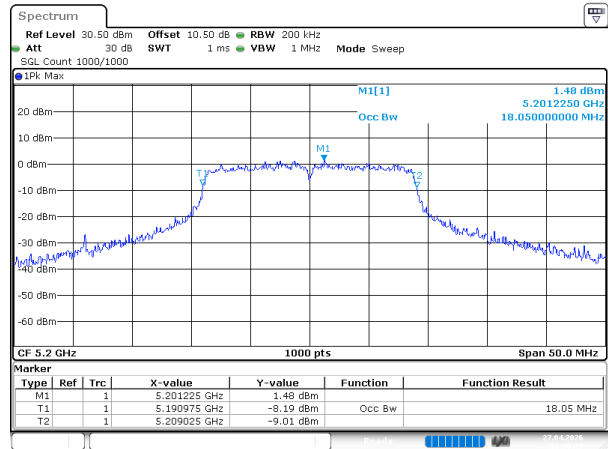
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Date: 27.APR.2026 11:26:26

802.11ac20_5180MHz



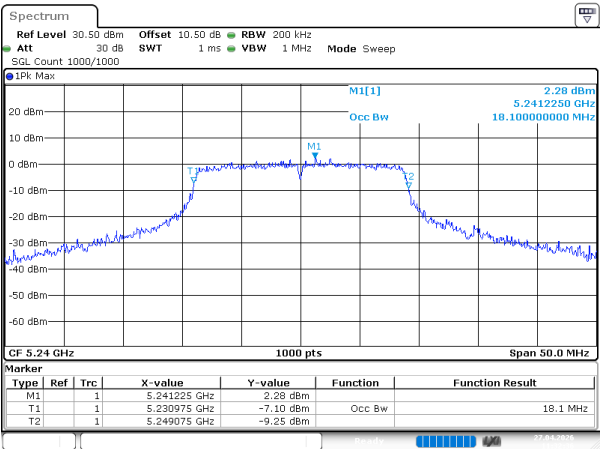
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Date: 27.APR.2026 11:27:19

802.11ac20_5200MHz



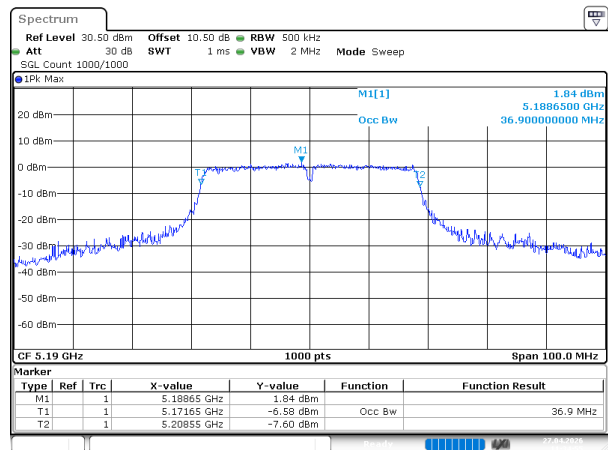
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Date: 27.APR.2026 11:30:40

802.11ac20_5240MHz



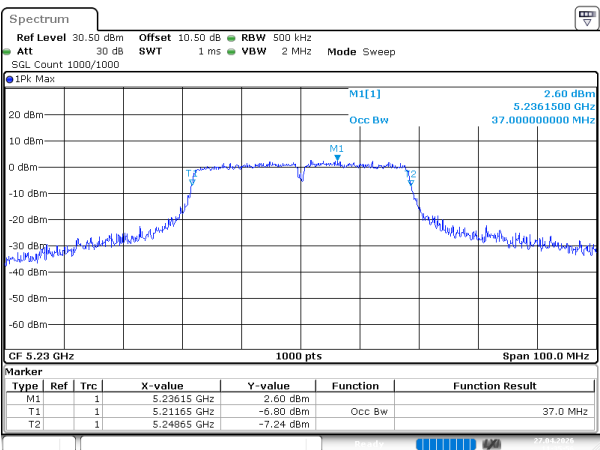
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:32:16

802.11ac40_5190MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:34:55

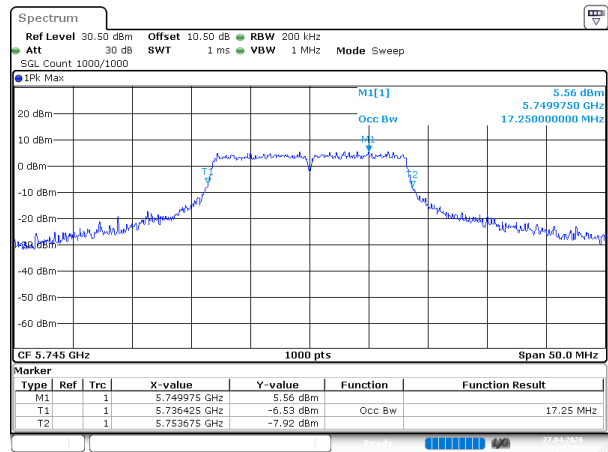
802.11ac40_5230MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
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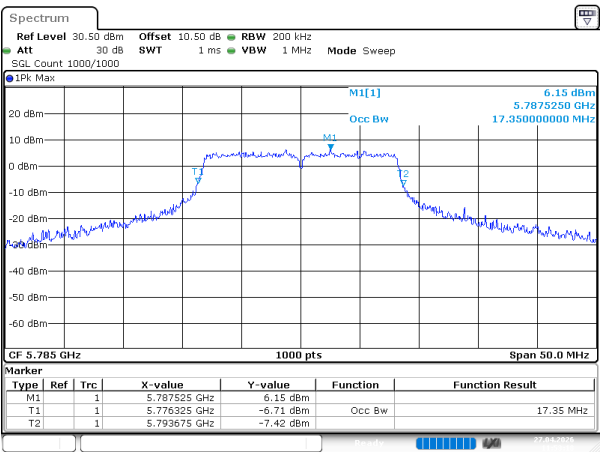
5725-5850MHz

802.11a_5745MHz



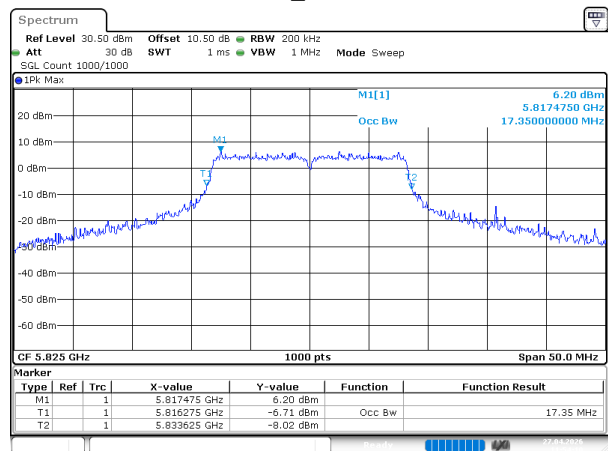
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:37:50

802.11a_5785MHz



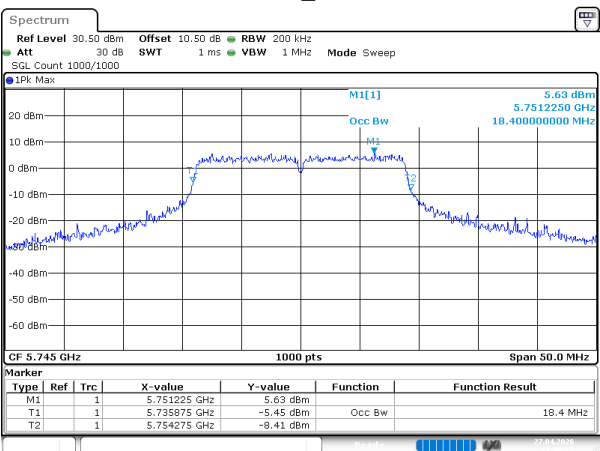
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:53:18

802.11a_5825MHz



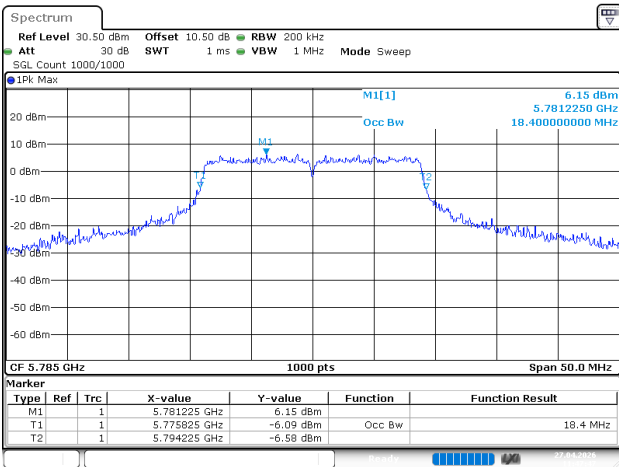
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:54:10

802.11ac20_5745MHz



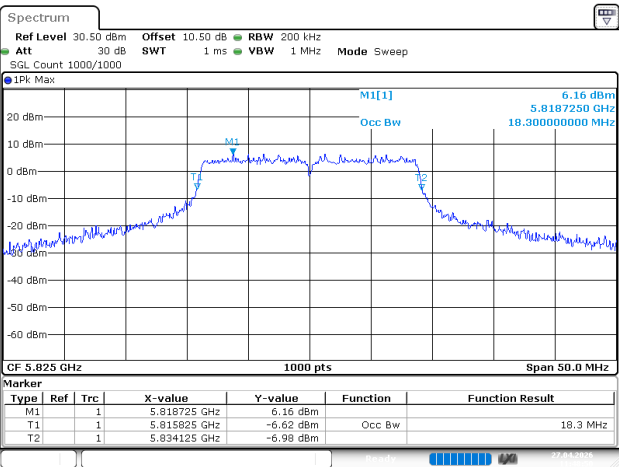
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:46:27

802.11ac20_5785MHz



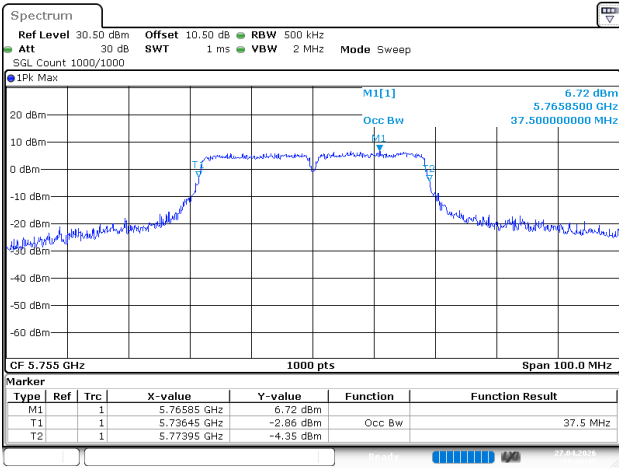
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:47:47

802.11ac20_5825MHz



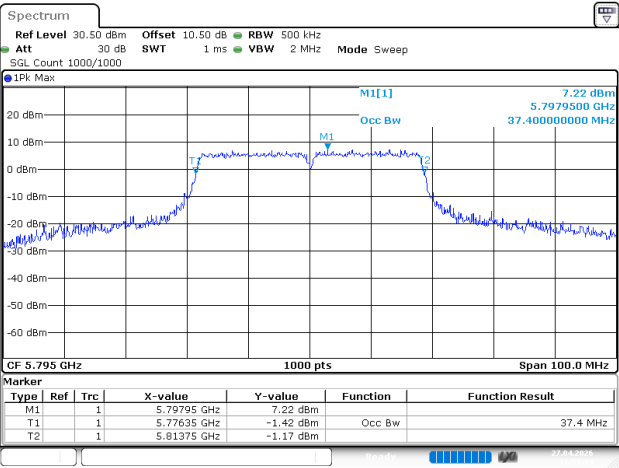
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:48:51

802.11ac40_5755MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:49:45

802.11ac40_5795MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:51:14

Maximum Conducted Output Power**Test Information:**

Sample No.:	3JZ0-4	Test Date:	2026/04/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Yuna Mo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.3
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5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	11.52	24	Pass
	5200	11.68	24	Pass
	5240	12.36	24	Pass
802.11ac20	5180	11.63	24	Pass
	5200	11.80	24	Pass
	5240	12.20	24	Pass
802.11ac40	5190	11.94	24	Pass
	5230	12.36	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	16.65	30	Pass
	5785	16.80	30	Pass
	5825	16.55	30	Pass
802.11ac20	5745	16.19	30	Pass
	5785	16.82	30	Pass
	5825	16.72	30	Pass
802.11ac40	5755	16.94	30	Pass
	5795	17.15	30	Pass

Power Spectral Density**Test Information:**

Sample No.:	3JZ0-4	Test Date:	2026/04/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Yuna Mo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.3
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5150-5250MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	-4.56	6.03	1.47	11	Pass
	5200	-3.99	6.03	2.04	11	Pass
	5240	-3.54	6.03	2.49	11	Pass
802.11ac20	5180	-5.60	6.23	0.63	11	Pass
	5200	-5.18	6.23	1.05	11	Pass
	5240	-4.39	6.23	1.84	11	Pass
802.11ac40	5190	-8.39	6.57	-1.82	11	Pass
	5230	-7.89	6.57	-1.32	11	Pass

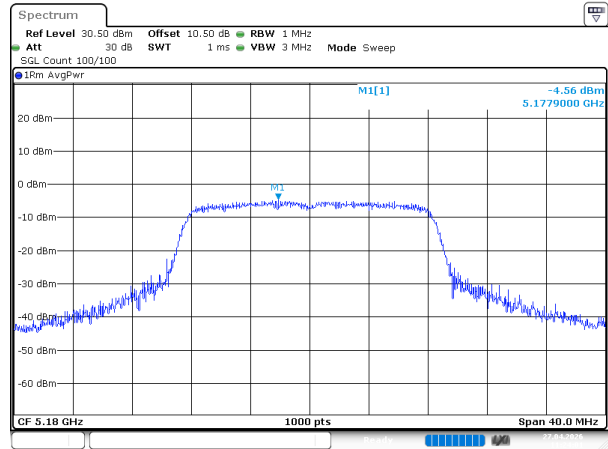
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-2.70	6.03	3.33	30	Pass
	5785	-2.17	6.03	3.86	30	Pass
	5825	-2.91	6.03	3.12	30	Pass
802.11ac20	5745	-3.59	6.23	2.64	30	Pass
	5785	-3.03	6.23	3.20	30	Pass
	5825	-2.98	6.23	3.25	30	Pass
802.11ac40	5755	-6.32	6.57	0.25	30	Pass
	5795	-6.29	6.57	0.28	30	Pass

Result = Reading + Duty Cycle Factor

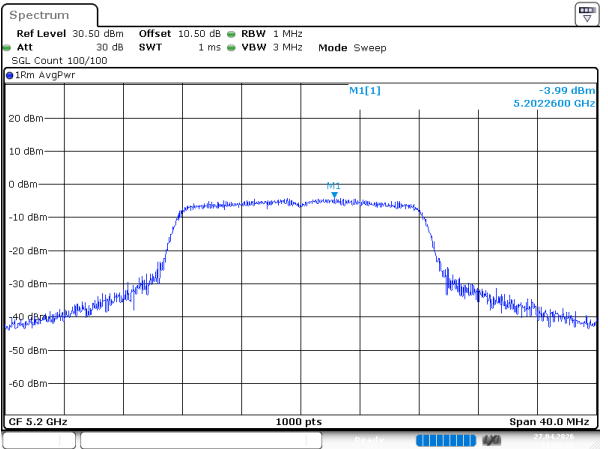
5150-5250MHz

802.11a_5180MHz



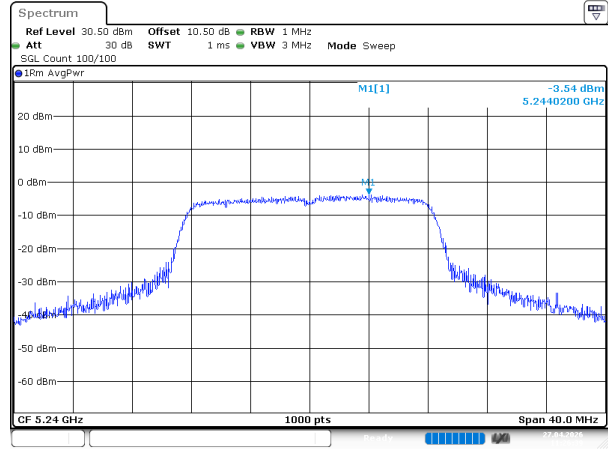
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:24:01

802.11a_5200MHz



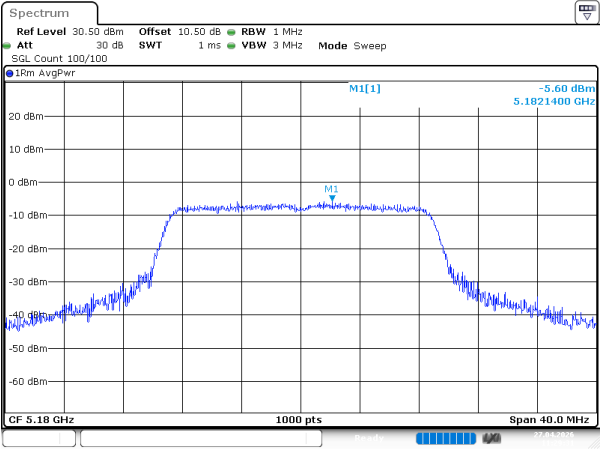
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802.11a_5240MHz



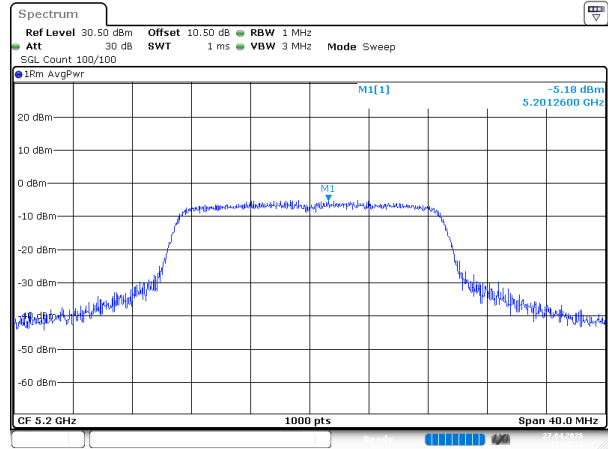
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802.11ac20_5180MHz



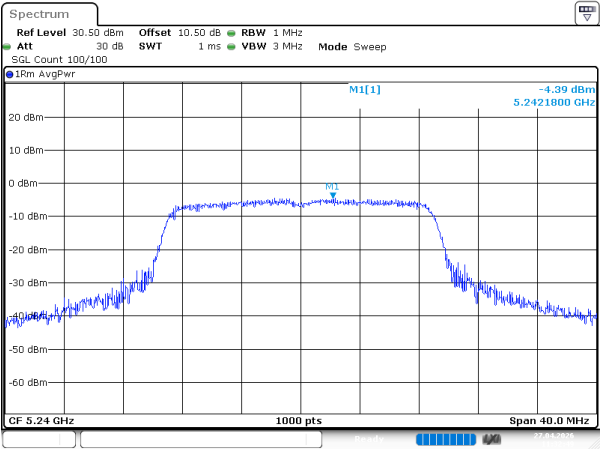
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802.11ac20_5200MHz



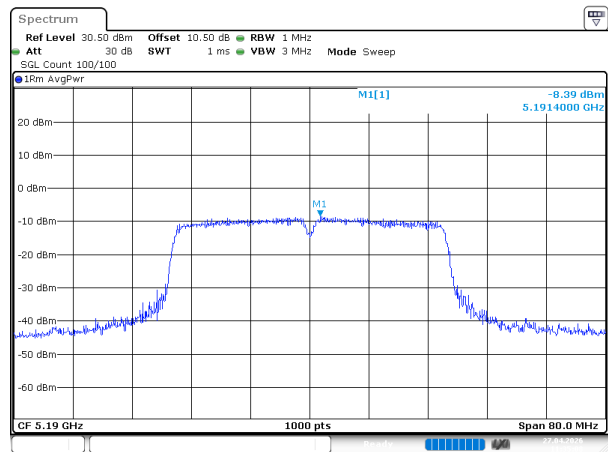
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802.11ac20_5240MHz



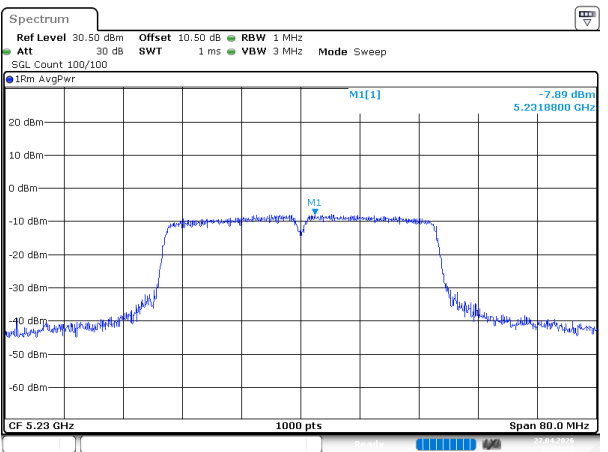
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Date: 27.APR.2026 11:32:50

802.11ac40_5190MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:35:08

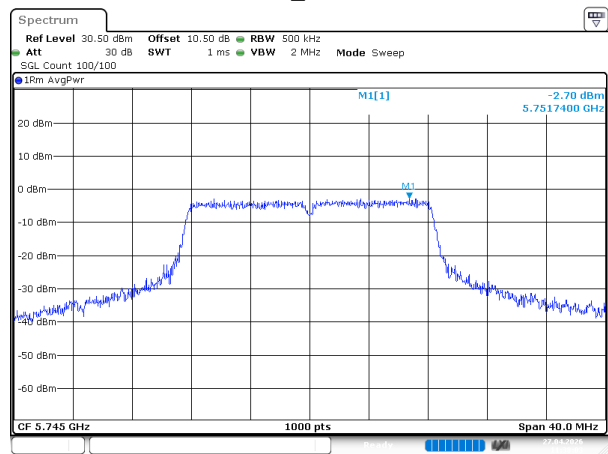
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Date: 27.APR.2026 11:36:10

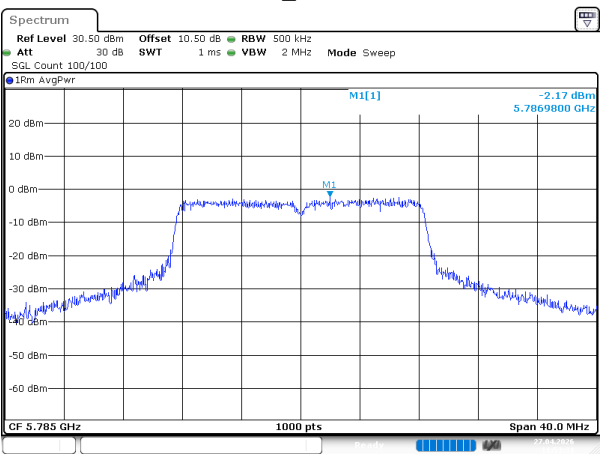
5725-5850MHz

802.11a_5745MHz



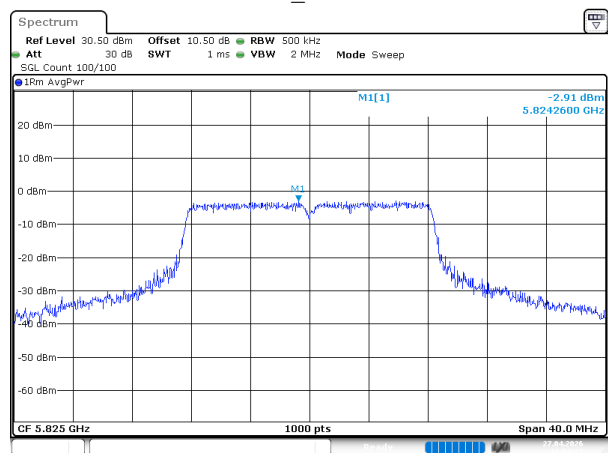
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Date: 27.APR.2026 11:38:04

802.11a_5785MHz



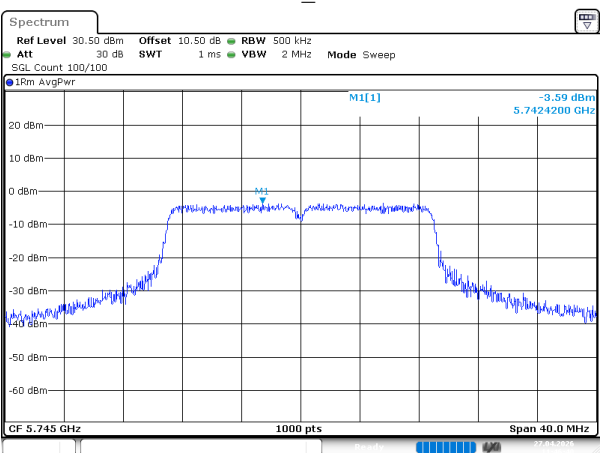
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Date: 27.APR.2026 11:53:32

802.11a_5825MHz



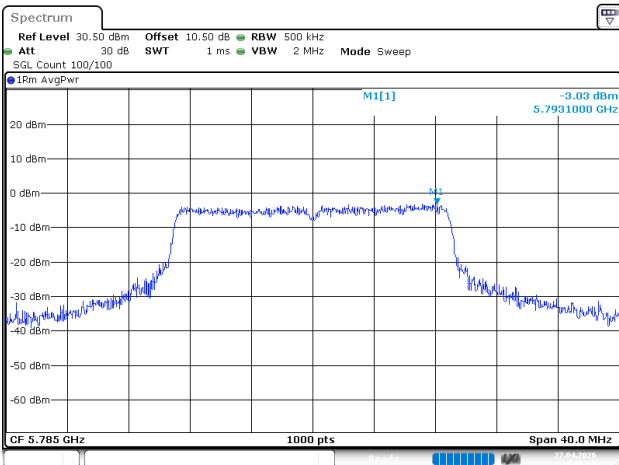
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Date: 27.APR.2026 11:54:23

802.11ac20_5745MHz



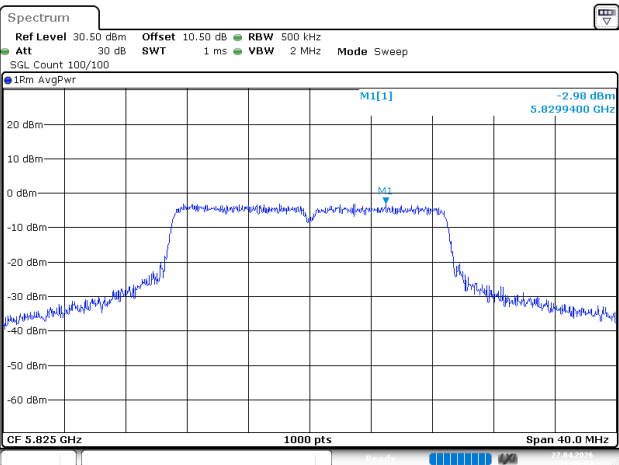
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Date: 27.APR.2026 11:46:41

802.11ac20_5785MHz



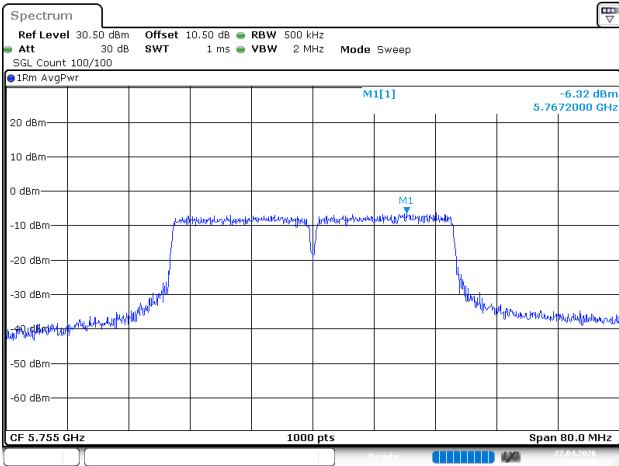
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Date: 27.APR.2026 11:48:01

802.11ac20_5825MHz



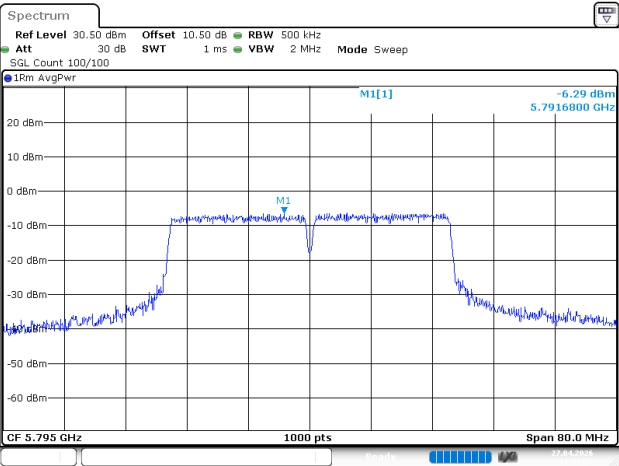
ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:49:04

802.11ac40_5755MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:49:58

802.11ac40_5795MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:51:27

Duty Cycle

Test Information:

Sample No.:	3JZ0-4	Test Date:	2026/04/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Yuna Mo	Test Result:	Pass

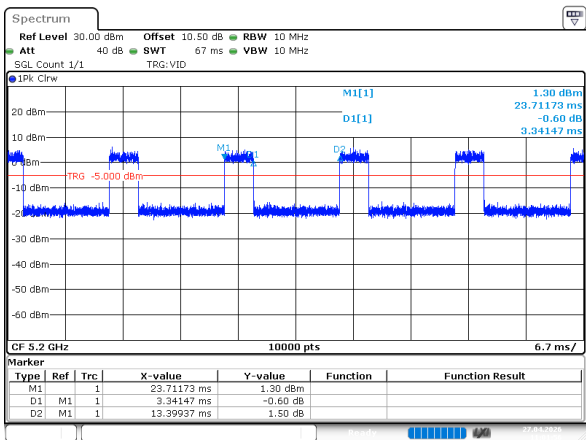
Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.3
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Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	3.341	13.399	24.93	6.03	299	0.3
802.11ac20	5200	3.133	13.156	23.81	6.23	319	0.5
802.11ac40	5190	3.011	13.678	22.01	6.57	332	0.5

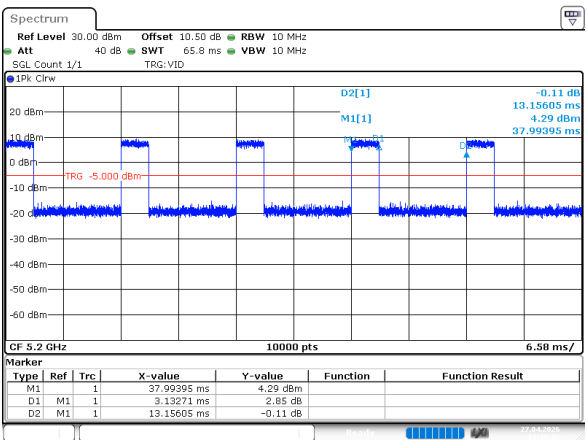
$$\text{Duty Cycle} = \text{Ton}/(\text{Ton}+\text{Toff})*100\%$$

802.11a_5200MHz



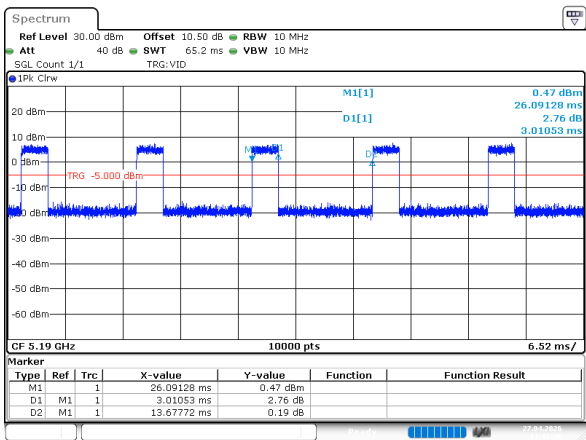
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Date: 27.APR.2026 11:01:56

802.11ac20_5200MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:15:02

802.11ac40_5190MHz



ProjectNo.:2601S22685E-RF Tester:Yuna Mo
Date: 27.APR.2026 11:17:26

EUT PHOTOGRAPHS

Please refer to the attachment 2601S22685E-RF-EXP External photo and 2601S22685E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601S22685E-RF-00B-TSP Test Setup photo.

******* END OF REPORT *******