

# TEST REPORT

Applicant Name: NL. Durobo B.V  
Address: Lage Mosten 49-63, Breda, 4822 NK, Netherlands  
Report Number: 2501W72957E-RF-00D  
FCC ID: 2BSAG-KRONO

## Test Standard (s)

FCC PART 15.407

## Sample Description

Product Type: Smart ePaper, Smart E Ink, Smart eReader, Digital Paper  
Model No.: Krono  
Multiple Model(s) No.: DuRoBo Krono SE, DuRoBo Krono Plus, DuRoBo Krono Pro  
Trade Mark: DuRoBo  
Date Received: 2025/08/06  
Issue Date: 2025/10/28

Test Result:

Pass▲

▲ 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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Note: The information marked \* is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.  
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DOCUMENT REVISION HISTORY

| Revision Number | Report Number      | Description of Revision | Date of Revision |
|-----------------|--------------------|-------------------------|------------------|
| 0               | 2501W72957E-RF-00D | Original Report         | 2025/10/28       |

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

|                                               |                                                                                                               |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Product</b>                                | Smart ePaper, Smart E Ink, Smart eReader, Digital Paper                                                       |
| <b>Tested Model</b>                           | Krono                                                                                                         |
| <b>Multiple Model(s)</b>                      | DuRoBo Krono SE, DuRoBo Krono Plus, DuRoBo Krono Pro                                                          |
| <b>Frequency Range</b>                        | 5150-5250MHz; 5250-5350 MHz;5470-5725 MHz ;5725-5850MHz                                                       |
| <b>Mode</b>                                   | 802.11a/n20/n40/ac20/ac40/ac80                                                                                |
| <b>Maximum Conducted Average Output Power</b> | 5150-5250MHz: 12.29dBm;5250-5350 MHz: 13.13dBm<br>5470-5725 MHz: 14.05dBm; 5725-5850MHz: 13.25dBm             |
| <b>Modulation Technique</b>                   | OFDM                                                                                                          |
| <b>Antenna Specification<sup>#</sup></b>      | 2.0dBi (provided by the applicant)                                                                            |
| <b>Voltage Range</b>                          | DC5V from USB port or DC 3.87V from battery                                                                   |
| <b>Sample serial number</b>                   | 381A-2 for Conducted and Radiated Emissions Test<br>381A-1 for RF Conducted Test (Assigned by BACL, Shenzhen) |
| <b>Sample/EUT Status</b>                      | Good condition                                                                                                |
| <b>Adapter Information</b>                    | N/A                                                                                                           |

Note: The Multiple models are electrically identical with the test model except for model name, appearance color and sales channels. Please refer to the declaration letter<sup>#</sup> for more detail, which was provided by manufacturer.

### Objective

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

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

### Test Methodology

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

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

Each test item follows test standards and with no deviation.

## Measurement Uncertainty

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

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

## Test Facility

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

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

## SYSTEM TEST CONFIGURATION

### Description of Test Configuration

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

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

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

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

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

For 802.11ac80 mode, channel 42 was tested.

For 5250-5350MHz Band, 7 channels are provided to testing:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 52      | 5260            | 60      | 5300            |
| 54      | 5270            | 62      | 5310            |
| 56      | 5280            | 64      | 5320            |
| 58      | 5290            | /       | /               |

For 802.11a/ac20 mode: channel 52, 56, 64 were tested;

For 802.11ac40 mode: channel 54, 62 were tested;

For 802.11ac80 mode, channel 58 was tested.

For 5470-5725MHz Band, 21 channels are provided to testing:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 100     | 5500            | 124     | 5620            |
| 102     | 5510            | 126     | 5630            |
| 104     | 5520            | 128     | 5640            |
| 106     | 5530            | 132     | 5660            |
| 108     | 5540            | 134     | 5670            |
| 110     | 5550            | 136     | 5680            |
| 112     | 5560            | 138     | 5690            |
| 116     | 5580            | 140     | 5700            |
| 118     | 5590            | 142     | 5710            |
| 120     | 5600            | 144     | 5720            |
| 122     | 5610            | /       | /               |

For 802.11a/ac20 mode: channel 100, 116, 140, 144 were tested;

For 802.11ac40 mode: channel 102, 110, 134, 142 were tested;

For 802.11ac80 mode, channel 106, 122, 138 was tested.

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

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

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

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

For 802.11ac80 mode, channel 155 was tested.

### EUT Exercise Software

| Exercise Software# | QRCT          |                      |           |              |
|--------------------|---------------|----------------------|-----------|--------------|
| 5150-5250 MHz Band |               |                      |           |              |
| Mode               | Test Channels | Test Frequency (MHz) | Data rate | Power Level# |
| 802.11a            | Low           | 5180                 | 6Mbps     | 14           |
|                    | Middle        | 5200                 | 6Mbps     | 14           |
|                    | High          | 5240                 | 6Mbps     | 14           |
| 802.11ac-VHT20     | Low           | 5180                 | MCS0      | 14           |
|                    | Middle        | 5200                 | MCS0      | 14           |
|                    | High          | 5240                 | MCS0      | 14           |
| 802.11ac-VHT40     | Low           | 5190                 | MCS0      | 12           |
|                    | High          | 5230                 | MCS0      | 12           |
| 802.11ac-VHT80     | Middle        | 5210                 | MCS0      | 14           |
| 5250-5350 MHz Band |               |                      |           |              |
| Mode               | Test Channels | Test Frequency (MHz) | Data rate | Power Level# |
| 802.11a            | Low           | 5260                 | 6Mbps     | 13           |
|                    | Middle        | 5280                 | 6Mbps     | 13           |
|                    | High          | 5320                 | 6Mbps     | 14           |
| 802.11ac-VHT20     | Low           | 5260                 | MCS0      | 14           |
|                    | Middle        | 5280                 | MCS0      | 14           |
|                    | High          | 5320                 | MCS0      | 14           |
| 802.11ac-VHT40     | Low           | 5270                 | MCS0      | 14           |
|                    | High          | 5310                 | MCS0      | 14           |
| 802.11ac-VHT80     | Middle        | 5290                 | MCS0      | 14           |

| <b>5470-5725 MHz Band</b>                                                                                                                                                                                                                                                          |                      |                             |                  |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------|------------------|--------------------------------|
| <b>Mode</b>                                                                                                                                                                                                                                                                        | <b>Test Channels</b> | <b>Test Frequency (MHz)</b> | <b>Data rate</b> | <b>Power Level<sup>#</sup></b> |
| 802.11a                                                                                                                                                                                                                                                                            | Low                  | 5500                        | 6Mbps            | 14                             |
|                                                                                                                                                                                                                                                                                    | Middle               | 5580                        | 6Mbps            | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5700                        | 6Mbps            | 14                             |
|                                                                                                                                                                                                                                                                                    | Cross                | 5720                        | 6Mbps            | 14                             |
| 802.11ac-VHT20                                                                                                                                                                                                                                                                     | Low                  | 5500                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Middle               | 5580                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5700                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Cross                | 5720                        | MCS0             | 14                             |
| 802.11ac-VHT40                                                                                                                                                                                                                                                                     | Low                  | 5510                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Middle               | 5550                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5670                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Cross                | 5710                        | MCS0             | 14                             |
| 802.11ac-VHT80                                                                                                                                                                                                                                                                     | Low                  | 5530                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5610                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Cross                | 5690                        | MCS0             | 14                             |
| <b>5725-5850 MHz Band</b>                                                                                                                                                                                                                                                          |                      |                             |                  |                                |
| <b>Mode</b>                                                                                                                                                                                                                                                                        | <b>Test Channels</b> | <b>Test Frequency (MHz)</b> | <b>Data rate</b> | <b>Power Level<sup>#</sup></b> |
| 802.11a                                                                                                                                                                                                                                                                            | Low                  | 5745                        | 6Mbps            | 14                             |
|                                                                                                                                                                                                                                                                                    | Middle               | 5785                        | 6Mbps            | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5825                        | 6Mbps            | 14                             |
| 802.11ac-VHT20                                                                                                                                                                                                                                                                     | Low                  | 5745                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | Middle               | 5785                        | MCS0             | 14                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5825                        | MCS0             | 14                             |
| 802.11ac-VHT40                                                                                                                                                                                                                                                                     | Low                  | 5755                        | MCS0             | 12                             |
|                                                                                                                                                                                                                                                                                    | High                 | 5795                        | MCS0             | 12                             |
| 802.11ac-VHT80                                                                                                                                                                                                                                                                     | Middle               | 5775                        | MCS0             | 14                             |
| Note:<br>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.<br>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

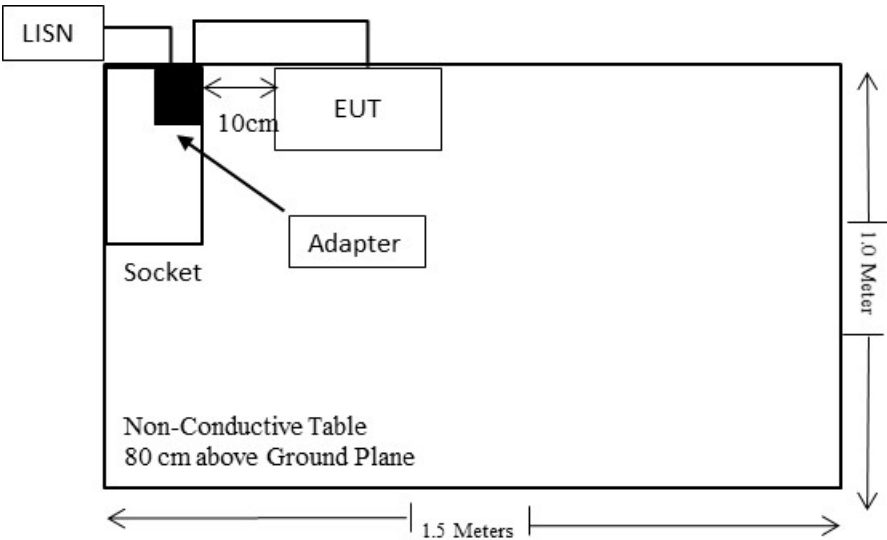
| Manufacturer | Description | Model   | Serial Number |
|--------------|-------------|---------|---------------|
| /            | Adapter     | SW-0983 | E310283       |

External I/O Cable

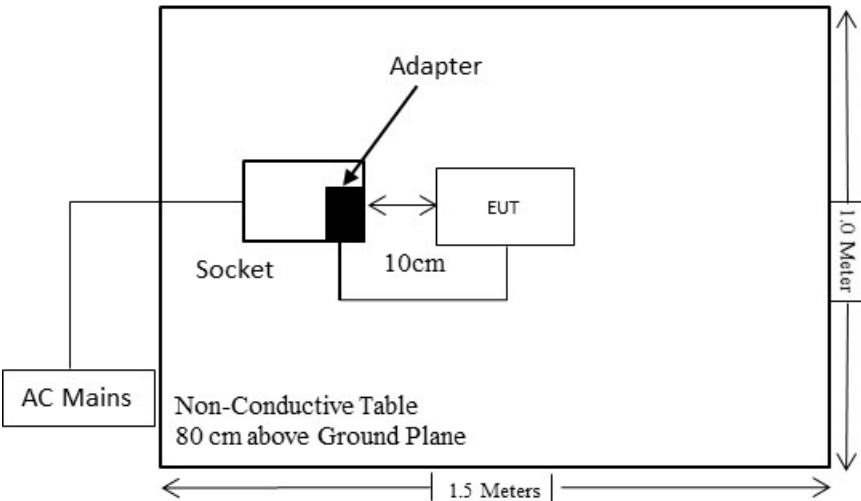
| Cable Description                 | Length (m) | From Port | To            |
|-----------------------------------|------------|-----------|---------------|
| Unshielded Un-detachable AC Cable | 1.2        | Socket    | LISN/AC Mains |
| shielded detachable DC Cable      | 1.0        | EUT       | Adapter       |

Block Diagram of Test Setup

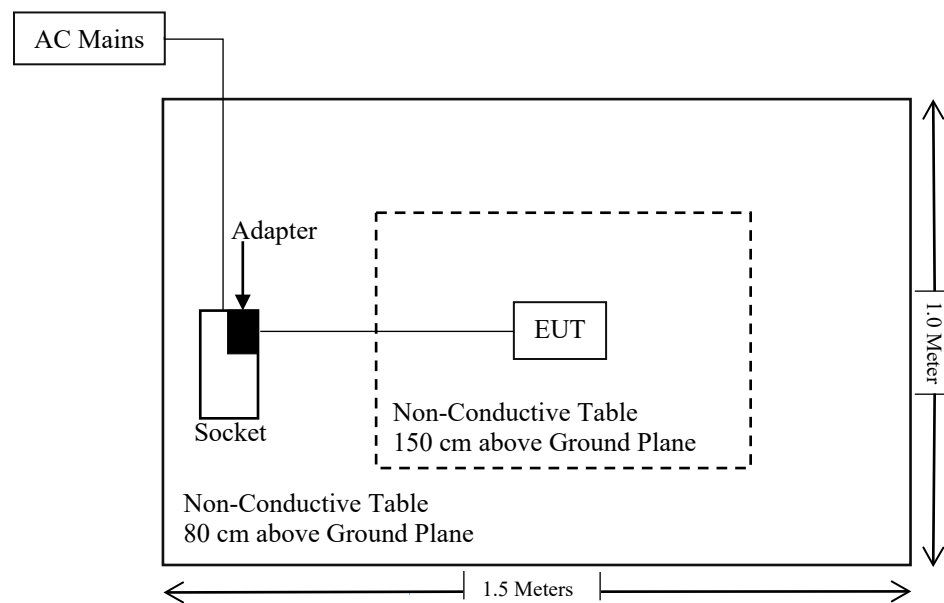
For Conducted Emissions:



For Radiated Emissions below 1GHz:



For Radiated Emissions above 1GHz:



## SUMMARY OF TEST RESULTS

| FCC Rules                       | Description of Test                         | Result         |
|---------------------------------|---------------------------------------------|----------------|
| FCC §1.1310, §2.1093            | RF Exposure                                 | Compliant      |
| §15.203                         | Antenna Requirement                         | Compliant      |
| §15.207(a)                      | Conducted Emissions                         | Compliant      |
| §15.205& §15.209<br>&§15.407(b) | Undesirable Emission& Restricted Bands      | Compliant      |
| §15.407(a) (e)                  | Emission Bandwidth & 99% Occupied Bandwidth | Compliant      |
| §15.407(a)                      | Conducted Transmitter Output Power          | Compliant      |
| §15.407 (a)                     | Power Spectral Density                      | Compliant      |
| §15.407 (h)                     | Transmit Power Control (TPC)                | Not Applicable |
| §15.407 (h)                     | Dynamic Frequency Selection (DFS)           | Compliant*     |
| C63.10 §11.6                    | Duty Cycle                                  | /              |

Compliant\*: Please refer to the DFS report 2501W72957E-RF-00E.

Not Applicable: For 5250-5350MHz/5470-5725MHz, the maximum EIRP is 16.05dBm<27dBm (500mW).

## TEST EQUIPMENT LIST

| Manufacturer                              | Description                       | Model           | Serial Number          | Calibration Date | Calibration Due Date |
|-------------------------------------------|-----------------------------------|-----------------|------------------------|------------------|----------------------|
| <b>Conducted Emission Test</b>            |                                   |                 |                        |                  |                      |
| Rohde & Schwarz                           | EMI Test Receiver                 | ESCI            | 101120                 | 2024/12/04       | 2025/12/03           |
| Rohde & Schwarz                           | LISN                              | ENV216          | 101613                 | 2024/12/04       | 2025/12/03           |
| Rohde & Schwarz                           | Transient Limiter                 | ESH3Z2          | DE25985                | 2025/04/29       | 2026/04/28           |
| Unknown                                   | CE Cable                          | Unknown         | UF A210B-1-0720-504504 | 2025/04/29       | 2026/04/28           |
| Audix                                     | EMI Test software                 | E3              | 191218(V9)             | NCR              | NCR                  |
| <b>Radiated Emission Test_ Below 1GHz</b> |                                   |                 |                        |                  |                      |
| 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           |
| Unknown                                   | Chamber A Cable                   | Cable A1        | Cable A1               | 2025/09/08       | 2026/09/07           |
| Unknown                                   | Chamber A Cable                   | Cable A2        | Cable A2               | 2025/09/08       | 2026/09/07           |
| 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                  |
| <b>Radiated Emission Test_ Above</b>      |                                   |                 |                        |                  |                      |
| 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           |
| Audix                                     | EMI Test software                 | E3              | 191218 V9(c)           | NCR              | NCR                  |

| Manufacturer      | Description                 | Model    | Serial Number | Calibration Date | Calibration Due Date |
|-------------------|-----------------------------|----------|---------------|------------------|----------------------|
| RF Conducted Test |                             |          |               |                  |                      |
| Rohde&Schwarz     | Spectrum Analyzer           | FSV40-N  | 102259        | 2024/12/04       | 2025/12/03           |
| ANRITSU           | Microwave peak power sensor | MA24418A | 12622         | 2025/04/29       | 2026/04/28           |
| Unknown           | 10dB Attenuator             | Unknown  | F-03-EM065    | 2025/06/26       | 2026/06/25           |

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

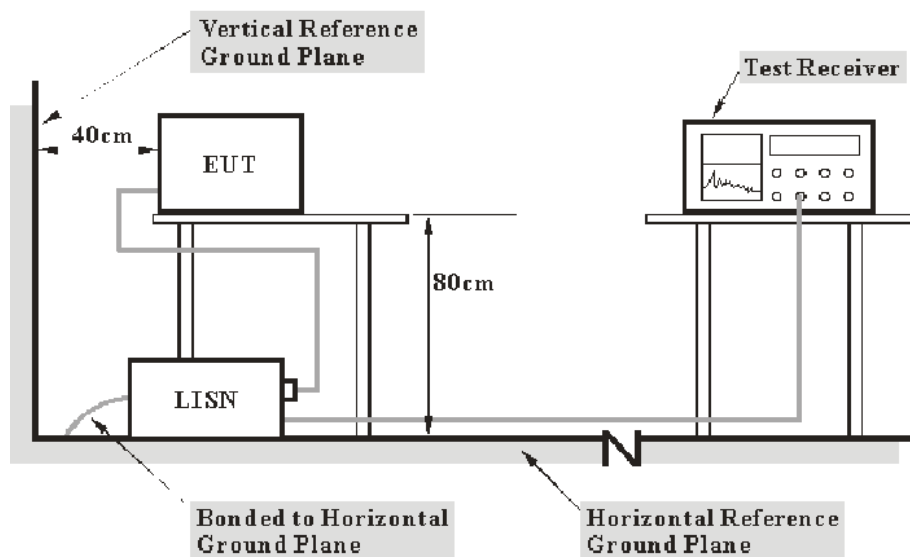
## REQUIREMENTS AND TEST PROCEDURES

### Conducted Emissions

#### Applicable Standard

FCC §15.207

#### EUT Setup



Note: 1. Support units were connected to second LISN.  
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

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

The spacing between the peripherals was 10 cm.

#### EMI Test Receiver Setup

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

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

| Frequency Range  | RBW   |
|------------------|-------|
| 150 kHz – 30 MHz | 9 kHz |

#### Test Procedure

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

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

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

**Factor & Over Limit Calculation**

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

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss}$$

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

$$\begin{aligned}\text{Over Limit} &= \text{Level} - \text{Limit} \\ \text{Level} &= \text{Read Level} + \text{Factor}\end{aligned}$$

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

## Undesirable Emission

### Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

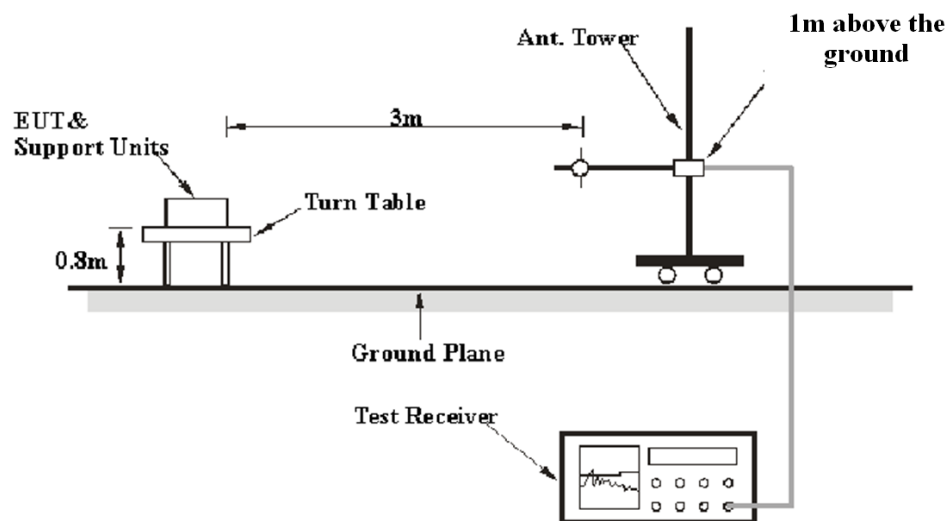
(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

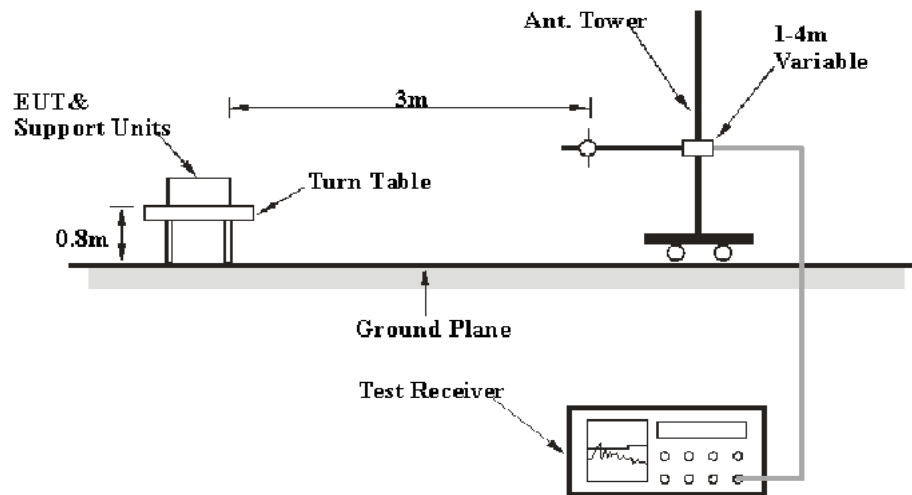
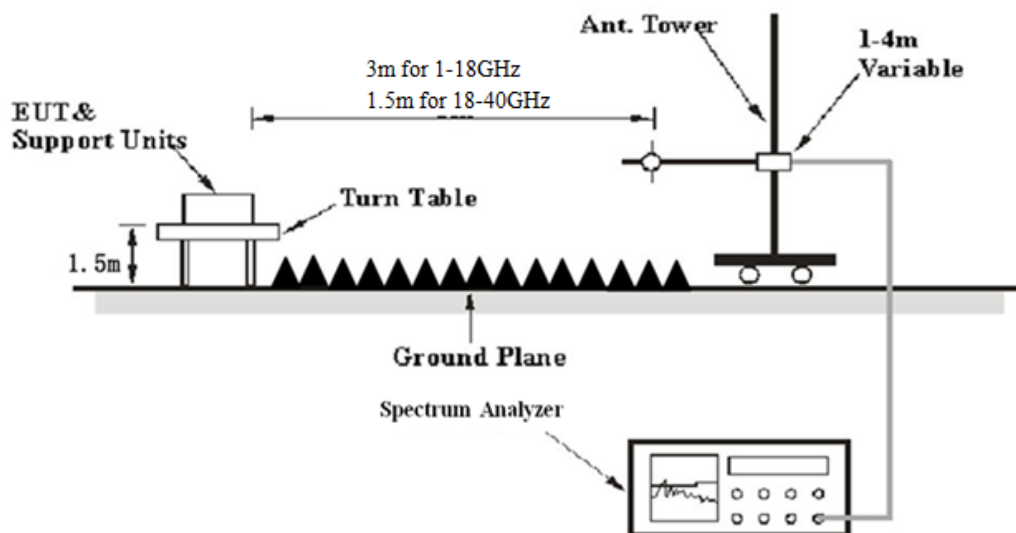
- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
  - (i) All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

### EUT Setup

**9 kHz-30MHz:**



**30MHz-1GHz:****Above 1 GHz:**

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC 15.209 and FCC 15.407 limits.

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

## EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

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

9 kHz-1GHz:

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

1-40GHz:

Pre-scan

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

Final measurement for emission identified during pre-scan

| Measurement | Duty cycle | RBW  | Video B/W | Detector |
|-------------|------------|------|-----------|----------|
| PK          | Any        | 1MHz | 3 MHz     | Peak     |
| AV          | >98%       | 1MHz | 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 |
| $E_{\text{Meas}}$      | is the field strength of the emission at the measurement distance, in dBμV/m            |
| $d_{\text{Meas}}$      | 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  $20 \cdot \log(1.5/3) = -6.0$  dB, for 18-40GHz range, the limit of 1.5m distance was added by 6.0dB from limit of 3m to compared with the result measurement at 1.5m distance.

### Factor & Over Limit/Margin Calculation

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

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

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:

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

## 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:

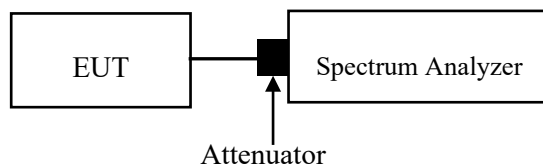
- a) Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- b) Set the VBW  $>$  RBW.
- c) Detector = peak.
- d) Trace mode = max-hold.
- e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument.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

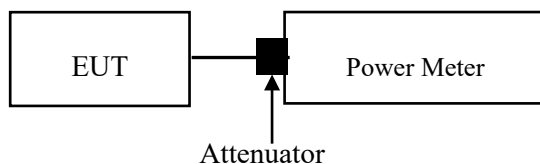
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall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

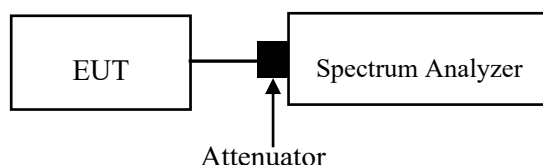
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting 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 collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

## Test Procedure

According to ANSI C63.10-2020 Clause 12.6 Method SA-2 should be applied



Note 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)

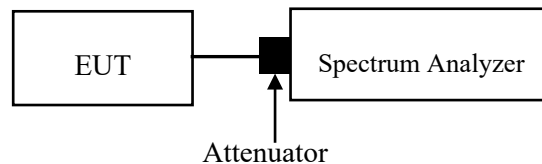
## Duty Cycle

### 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)

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

| Antenna Type | Antenna Gain <sup>#</sup> | Impedance | Frequency Range |
|--------------|---------------------------|-----------|-----------------|
| FPC          | 2.0dBi                    | 50Ω       | 5120-5870MHz    |

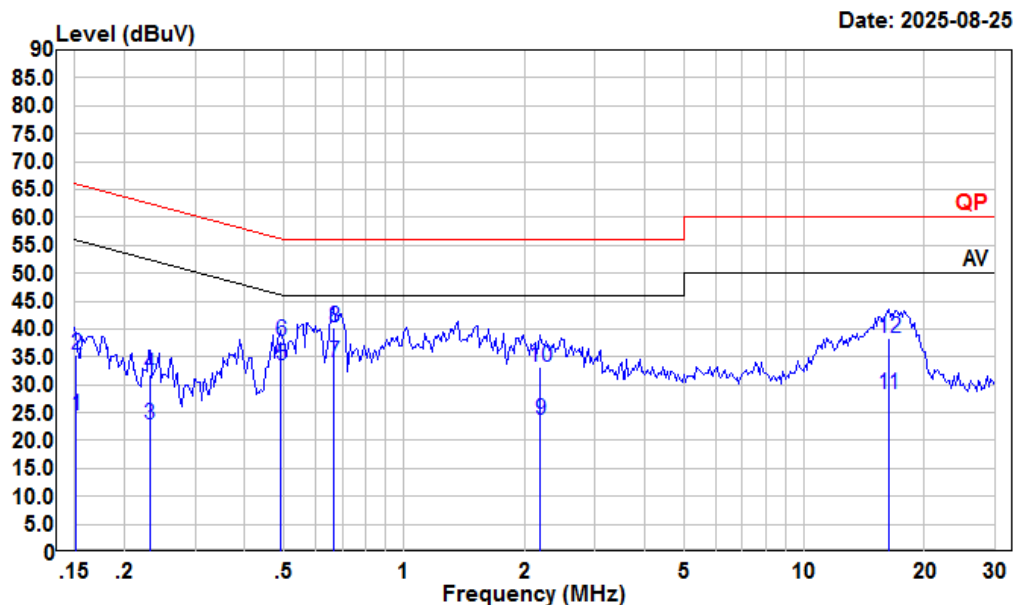
**Result: Compliant**

## TEST DATA AND RESULTS

### Conducted Emissions

|                               |                                                             |                                  |          |
|-------------------------------|-------------------------------------------------------------|----------------------------------|----------|
| <b>Temperature<br/>(°C)</b>   | 26.7                                                        | <b>Relative Humidity<br/>(%)</b> | 57       |
| <b>ATM Pressure<br/>(kPa)</b> | 100.3                                                       | <b>Test engineer</b>             | Macy.shi |
| <b>Test date</b>              | 2025.8.25                                                   |                                  |          |
| <b>EUT operation mode</b>     | Transmitting(Maximum output power mode, 802.11ac40 5510MHz) |                                  |          |

## AC 120V 60 Hz, Line



Condition: Line

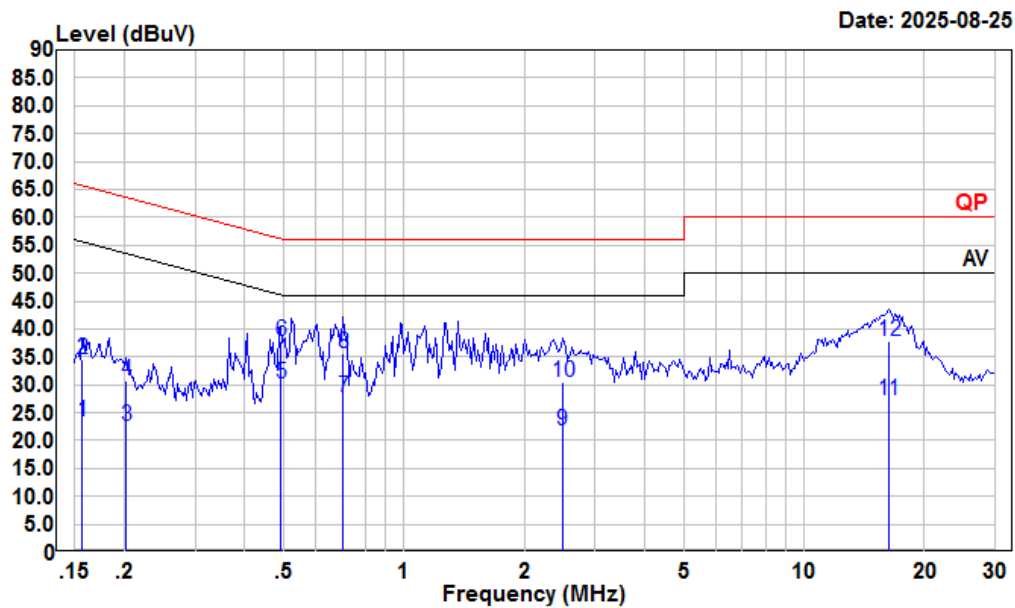
Project : 2501W72957E-RF

tester : Macy.shi Note:5G WIFI Transmitting

Setting : RBW:9kHz

|    | Freq   | Read Level | LISN Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark  |
|----|--------|------------|------------|-------------|------------|------------|------------|---------|
|    | MHz    | dBuV       | dBuV       | dB          | dB         | dBuV       | dB         |         |
| 1  | 0.152  | 4.01       | 24.58      | 10.41       | 10.16      | 55.91      | -31.33     | Average |
| 2  | 0.152  | 14.67      | 35.24      | 10.41       | 10.16      | 65.91      | -30.67     | QP      |
| 3  | 0.232  | 2.10       | 22.97      | 10.67       | 10.20      | 52.39      | -29.42     | Average |
| 4  | 0.232  | 10.99      | 31.86      | 10.67       | 10.20      | 62.39      | -30.53     | QP      |
| 5  | 0.491  | 12.77      | 33.45      | 10.50       | 10.18      | 46.14      | -12.69     | Average |
| 6  | 0.491  | 17.21      | 37.89      | 10.50       | 10.18      | 56.14      | -18.25     | QP      |
| 7  | 0.668  | 12.85      | 33.92      | 10.84       | 10.23      | 46.00      | -12.08     | Average |
| 8  | 0.668  | 19.31      | 40.38      | 10.84       | 10.23      | 56.00      | -15.62     | QP      |
| 9  | 2.190  | 2.46       | 23.77      | 11.07       | 10.24      | 46.00      | -22.23     | Average |
| 10 | 2.190  | 11.93      | 33.24      | 11.07       | 10.24      | 56.00      | -22.76     | QP      |
| 11 | 16.226 | 7.63       | 28.39      | 10.49       | 10.27      | 50.00      | -21.61     | Average |
| 12 | 16.226 | 17.51      | 38.27      | 10.49       | 10.27      | 60.00      | -21.73     | QP      |

## AC 120V 60 Hz, Neutral



Condition: Neutral

Project : 2501W72957E-RF

tester : Macy.shi Note:5G WIFI Transmitting

Setting : RBW:9kHz

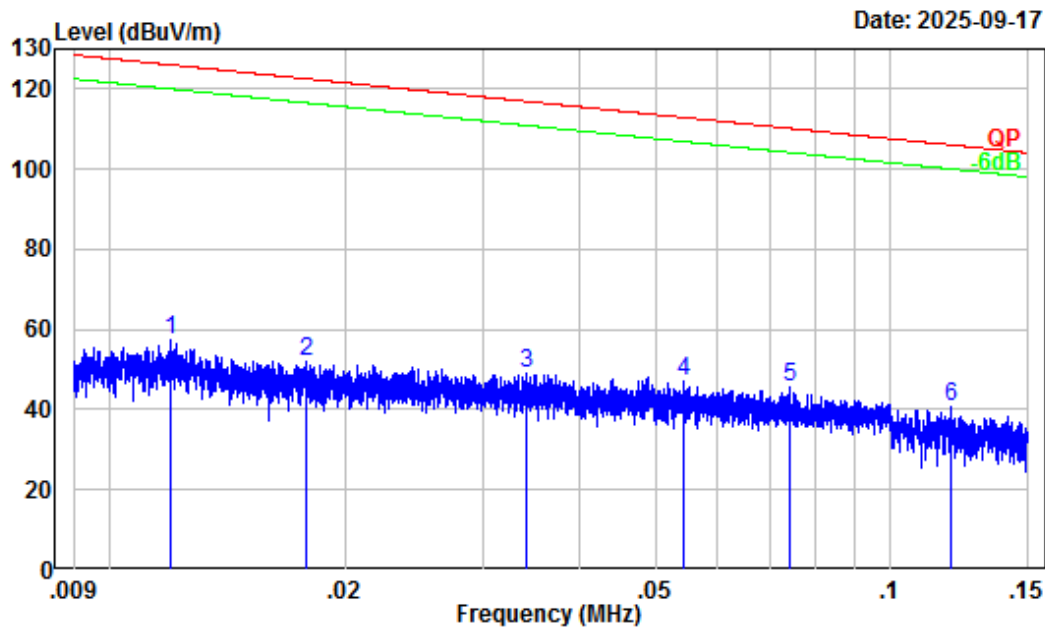
|    | Freq   | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark  |
|----|--------|------------|-------|-------------|------------|------------|------------|---------|
|    | MHz    | dBuV       | dBuV  | dB          | dB         | dBuV       | dB         |         |
| 1  | 0.156  | 2.77       | 23.40 | 10.46       | 10.17      | 55.65      | -32.25     | Average |
| 2  | 0.156  | 13.90      | 34.53 | 10.46       | 10.17      | 65.65      | -31.12     | QP      |
| 3  | 0.202  | 1.50       | 22.49 | 10.80       | 10.19      | 53.54      | -31.05     | Average |
| 4  | 0.202  | 9.86       | 30.85 | 10.80       | 10.19      | 63.54      | -32.69     | QP      |
| 5  | 0.491  | 9.51       | 30.20 | 10.51       | 10.18      | 46.14      | -15.94     | Average |
| 6  | 0.491  | 17.20      | 37.89 | 10.51       | 10.18      | 56.14      | -18.25     | QP      |
| 7  | 0.705  | 6.93       | 27.76 | 10.60       | 10.23      | 46.00      | -18.24     | Average |
| 8  | 0.705  | 14.87      | 35.70 | 10.60       | 10.23      | 56.00      | -20.30     | QP      |
| 9  | 2.487  | 0.85       | 21.89 | 10.79       | 10.25      | 46.00      | -24.11     | Average |
| 10 | 2.487  | 9.45       | 30.49 | 10.79       | 10.25      | 56.00      | -25.51     | QP      |
| 11 | 16.226 | 6.40       | 27.19 | 10.52       | 10.27      | 50.00      | -22.81     | Average |
| 12 | 16.226 | 17.08      | 37.87 | 10.52       | 10.27      | 60.00      | -22.13     | QP      |

**Undesirable Emission**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |                  |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|
| <b>Temperature (°C)</b>    | 22.3&24.8                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Relative Humidity (%)</b> | 49&55            |
| <b>ATM Pressure (kPa):</b> | 100.2&100.3                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Test engineer:</b>        | Nico Wu&Leon Guo |
| <b>Test date:</b>          | Below 1GHz:2025.9.17<br>Above 1GHz: 2025.10.4-2025-10.7                                                                                                                                                                                                                                                                                                                                                                                         |                              |                  |
| <b>EUT operation mode:</b> | Below 1GHz: Transmitting(Maximum output power mode, 802.11ac40 5510MHz)<br>Above 1GHz: Transmitting                                                                                                                                                                                                                                                                                                                                             |                              |                  |
| <b>Note:</b>               | <ol style="list-style-type: none"><li>1. For the radiated spurious emission below 30MHz, only the worst case (parallel) was recorded.</li><li>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 were recorded.</li><li>3. After pre-scan in the X, Y and Z axes of orientation, the worst case z-axis of orientation were recorded.</li></ol> |                              |                  |

**Below 1GHz:**

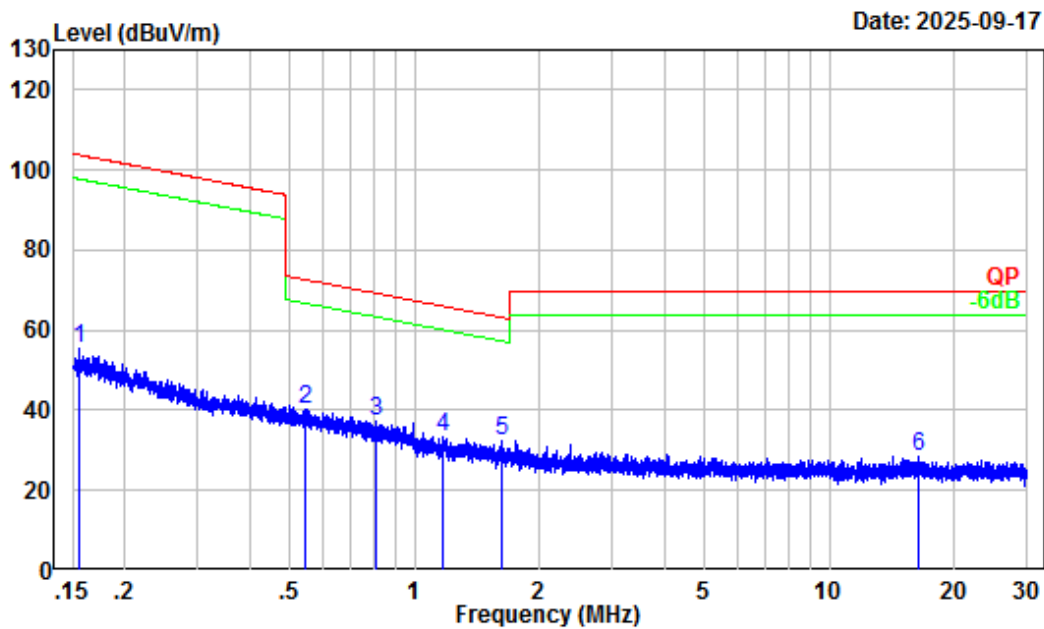
9kHz-150kHz



Site : Chamber A  
Condition : 3m  
Project Number : 2501W72957E-RF  
Test Mode : 5G WIFI Transmitting  
Detector: Peak RBW/VBW: 0.3/1kHz  
Tester : Nico Wu

|   | Freq  | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|-------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz   | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 0.012 | 31.92  | 25.45         | 57.37  | 126.02        | -68.65        | Peak   |
| 2 | 0.018 | 30.80  | 20.96         | 51.76  | 122.55        | -70.79        | Peak   |
| 3 | 0.034 | 28.07  | 21.09         | 49.16  | 116.94        | -67.78        | Peak   |
| 4 | 0.054 | 25.97  | 20.92         | 46.89  | 112.91        | -66.02        | Peak   |
| 5 | 0.074 | 23.96  | 21.44         | 45.40  | 110.17        | -64.77        | Peak   |
| 6 | 0.120 | 20.84  | 20.12         | 40.96  | 106.05        | -65.09        | Peak   |

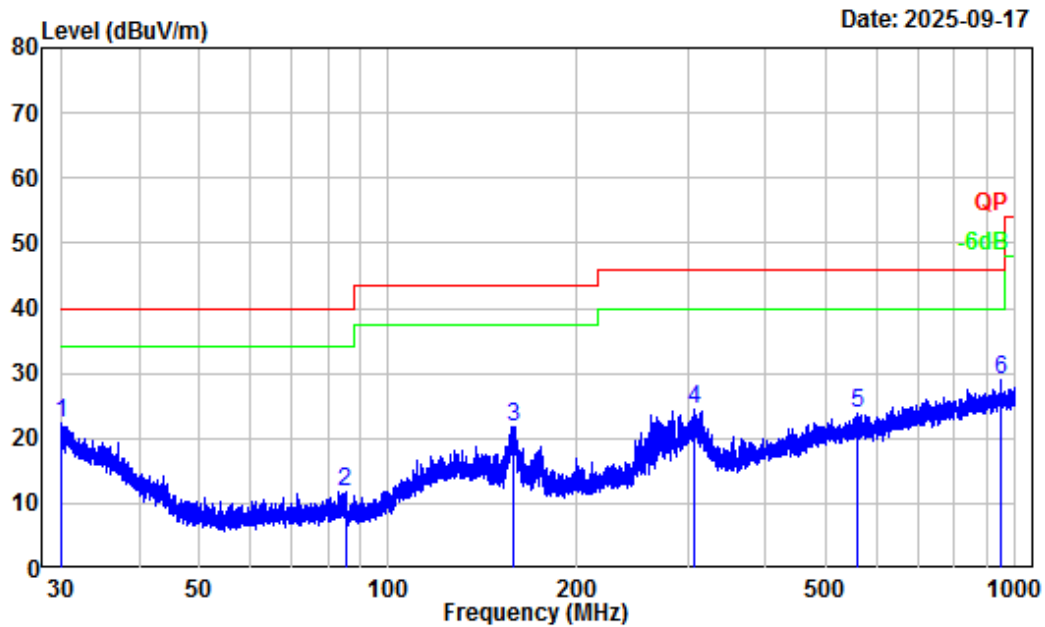
150kHz-30MHz



Site : Chamber A  
Condition : 3m  
Project Number : 2501W72957E-RF  
Test Mode : 5G WIFI Transmitting  
Detector: Peak RBW/VBW: 10/30kHz  
Tester : Nico Wu

|   | Freq   | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|--------|--------|------------|--------|------------|------------|--------|
|   | MHz    | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 0.155  | 18.75  | 36.63      | 55.38  | 103.79     | -48.41     | Peak   |
| 2 | 0.547  | 5.82   | 34.37      | 40.19  | 72.83      | -32.64     | Peak   |
| 3 | 0.810  | 2.62   | 34.82      | 37.44  | 69.34      | -31.90     | Peak   |
| 4 | 1.166  | 0.73   | 32.69      | 33.42  | 66.11      | -32.69     | Peak   |
| 5 | 1.627  | -0.55  | 32.87      | 32.32  | 63.16      | -30.84     | Peak   |
| 6 | 16.431 | -2.43  | 30.86      | 28.43  | 69.54      | -41.11     | Peak   |

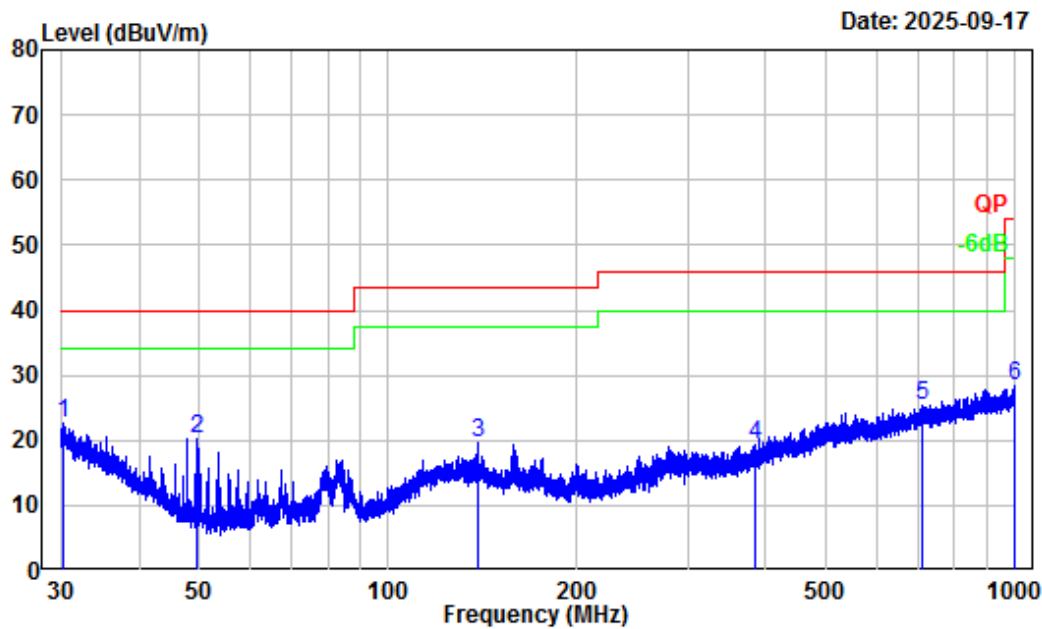
## 30MHz-1GHz\_Horizontal



Site : Chamber A  
Condition : 3m Horizontal  
Project Number : 2501W72957E-RF  
Test Mode : 5G WIFI Transmitting  
Detector: Peak RBW/VBW: 100/300kHz  
Tester : Nico Wu

|   | Freq   | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|--------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz    | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 30.03  | -5.97  | 28.32         | 22.35  | 40.00         | -17.65        | Peak   |
| 2 | 85.37  | -18.08 | 29.79         | 11.71  | 40.00         | -28.29        | Peak   |
| 3 | 158.11 | -12.64 | 34.52         | 21.88  | 43.50         | -21.62        | Peak   |
| 4 | 307.16 | -11.07 | 35.64         | 24.57  | 46.00         | -21.43        | Peak   |
| 5 | 561.43 | -5.24  | 29.14         | 23.90  | 46.00         | -22.10        | Peak   |
| 6 | 948.76 | -0.98  | 29.97         | 28.99  | 46.00         | -17.01        | Peak   |

30MHz-1GHz\_Vertical



Site : Chamber A  
Condition : 3m Vertical  
Project Number : 2501W72957E-RF  
Test Mode : 5G WIFI Transmitting  
Detector: Peak RBW/VBW: 100/300kHz  
Tester : Nico Wu

| Freq |        | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|------|--------|--------|------------|--------|------------|------------|--------|
| MHz  |        | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1    | 30.25  | -6.09  | 28.86      | 22.77  | 40.00      | -17.23     | Peak   |
| 2    | 49.64  | -17.85 | 37.96      | 20.11  | 40.00      | -19.89     | Peak   |
| 3    | 138.75 | -11.77 | 31.26      | 19.49  | 43.50      | -24.01     | Peak   |
| 4    | 384.61 | -9.03  | 28.48      | 19.45  | 46.00      | -26.55     | Peak   |
| 5    | 712.61 | -3.36  | 28.68      | 25.32  | 46.00      | -20.68     | Peak   |
| 6    | 998.25 | -0.43  | 28.74      | 28.31  | 54.00      | -25.69     | 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) |
|-------------------|----------------|--------|-------------|---------------|------------------------------|----------------|-------------|
| <b>802.11a</b>    |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10360             | 53.73          | PK     | H           | 2.48          | 56.21                        | 68.2           | -11.99      |
| 10360             | 53.88          | PK     | V           | 2.48          | 56.36                        | 68.2           | -11.84      |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10400             | 52.64          | PK     | H           | 2.47          | 55.11                        | 68.2           | -13.09      |
| 10400             | 52.76          | PK     | V           | 2.47          | 55.23                        | 68.2           | -12.97      |
| High Channel      |                |        |             |               |                              |                |             |
| 10480             | 52.79          | PK     | H           | 2.19          | 54.98                        | 68.2           | -13.22      |
| 10480             | 52.53          | PK     | V           | 2.19          | 54.72                        | 68.2           | -13.48      |
| <b>802.11ac20</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10360             | 53.25          | PK     | H           | 2.48          | 55.73                        | 68.2           | -12.47      |
| 10360             | 52.8           | PK     | V           | 2.48          | 55.28                        | 68.2           | -12.92      |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10400             | 52.42          | PK     | H           | 2.47          | 54.89                        | 68.2           | -13.31      |
| 10400             | 52.9           | PK     | V           | 2.47          | 55.37                        | 68.2           | -12.83      |
| High Channel      |                |        |             |               |                              |                |             |
| 10480             | 53.01          | PK     | H           | 2.19          | 55.2                         | 68.2           | -13         |
| 10480             | 52.08          | PK     | V           | 2.19          | 54.27                        | 68.2           | -13.93      |
| <b>802.11ac40</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10380             | 52.38          | PK     | H           | 2.48          | 54.86                        | 68.2           | -13.34      |
| 10380             | 52.71          | PK     | V           | 2.48          | 55.19                        | 68.2           | -13.01      |
| High Channel      |                |        |             |               |                              |                |             |
| 10460             | 52.47          | PK     | H           | 2.26          | 54.73                        | 68.2           | -13.47      |
| 10460             | 53.05          | PK     | V           | 2.26          | 55.31                        | 68.2           | -12.89      |
| <b>802.11ac80</b> |                |        |             |               |                              |                |             |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10420             | 53.04          | PK     | H           | 2.4           | 55.44                        | 68.2           | -12.76      |
| 10420             | 53.56          | PK     | V           | 2.4           | 55.96                        | 68.2           | -12.24      |

**5250-5350MHz**

| Frequency (MHz)   | Reading (dBμV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-------------------|----------------|--------|-------------|---------------|------------------------------|----------------|-------------|
| <b>802.11a</b>    |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10520             | 53.85          | PK     | H           | 2.13          | 55.98                        | 68.2           | -12.22      |
| 10520             | 53.67          | PK     | V           | 2.13          | 55.8                         | 68.2           | -12.4       |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10560             | 53.17          | PK     | H           | 2.17          | 55.34                        | 68.2           | -12.86      |
| 10560             | 53.46          | PK     | V           | 2.17          | 55.63                        | 68.2           | -12.57      |
| High Channel      |                |        |             |               |                              |                |             |
| 10640             | 52.95          | PK     | H           | 2.57          | 55.52                        | 74             | -18.48      |
| 10640             | 39.36          | AV     | H           | 2.57          | 41.93                        | 54             | -12.07      |
| 10640             | 53.19          | PK     | V           | 2.57          | 55.76                        | 74             | -18.24      |
| 10640             | 39.38          | AV     | V           | 2.57          | 41.95                        | 54             | -12.05      |
| <b>802.11ac20</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10520             | 53.53          | PK     | H           | 2.13          | 55.66                        | 68.2           | -12.54      |
| 10520             | 53.33          | PK     | V           | 2.13          | 55.46                        | 68.2           | -12.74      |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10560             | 53.4           | PK     | H           | 2.17          | 55.57                        | 68.2           | -12.63      |
| 10560             | 53.84          | PK     | V           | 2.17          | 56.01                        | 68.2           | -12.19      |
| High Channel      |                |        |             |               |                              |                |             |
| 10640             | 53.18          | PK     | H           | 2.57          | 55.75                        | 74             | -18.25      |
| 10640             | 39.42          | AV     | H           | 2.57          | 41.99                        | 54             | -12.01      |
| 10640             | 52.74          | PK     | V           | 2.57          | 55.31                        | 74             | -18.69      |
| 10640             | 39.41          | AV     | V           | 2.57          | 41.98                        | 54             | -12.02      |
| <b>802.11ac40</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 10540             | 54.14          | PK     | H           | 2.15          | 56.29                        | 68.2           | -11.91      |
| 10540             | 53.16          | PK     | V           | 2.15          | 55.31                        | 68.2           | -12.89      |
| High Channel      |                |        |             |               |                              |                |             |
| 10620             | 53.93          | PK     | H           | 2.39          | 56.32                        | 74             | -17.68      |
| 10620             | 39.85          | AV     | H           | 2.39          | 42.24                        | 54             | -11.76      |
| 10620             | 53.22          | PK     | V           | 2.39          | 55.61                        | 74             | -18.39      |
| 10620             | 39.79          | AV     | V           | 2.39          | 42.18                        | 54             | -11.82      |
| <b>802.11ac80</b> |                |        |             |               |                              |                |             |
| Middle Channel    |                |        |             |               |                              |                |             |
| 10580             | 53.26          | PK     | H           | 2.18          | 55.44                        | 68.2           | -12.76      |
| 10580             | 53.16          | PK     | V           | 2.18          | 55.34                        | 68.2           | -12.86      |

**5470-5725MHz**

| Frequency (MHz) | Reading (dB $\mu$ V) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) |
|-----------------|----------------------|--------|-------------|---------------|------------------------------------|----------------------|-------------|
| <b>802.11a</b>  |                      |        |             |               |                                    |                      |             |
| Low Channel     |                      |        |             |               |                                    |                      |             |
| 11000           | 52.55                | PK     | H           | 4.25          | 56.8                               | 74                   | -17.2       |
| 11000           | 38.94                | AV     | H           | 4.25          | 43.19                              | 54                   | -10.81      |
| 11000           | 52.95                | PK     | V           | 4.25          | 57.2                               | 74                   | -16.8       |
| 11000           | 38.59                | AV     | V           | 4.25          | 42.84                              | 54                   | -11.16      |
| Middle Channel  |                      |        |             |               |                                    |                      |             |
| 11160           | 53.07                | PK     | H           | 3.51          | 56.58                              | 74                   | -17.42      |
| 11160           | 39.06                | AV     | H           | 3.51          | 42.57                              | 54                   | -11.43      |
| 11160           | 52.77                | PK     | V           | 3.51          | 56.28                              | 74                   | -17.72      |
| 11160           | 38.96                | AV     | V           | 3.51          | 42.47                              | 54                   | -11.53      |
| High Channel    |                      |        |             |               |                                    |                      |             |
| 11400           | 52.93                | PK     | H           | 3.31          | 56.24                              | 74                   | -17.76      |
| 11400           | 39.6                 | AV     | H           | 3.31          | 42.91                              | 54                   | -11.09      |
| 11400           | 53.15                | PK     | V           | 3.31          | 56.46                              | 74                   | -17.54      |
| 11400           | 39.52                | AV     | V           | 3.31          | 42.83                              | 54                   | -11.17      |
| Cross Channel   |                      |        |             |               |                                    |                      |             |
| 11440           | 52.33                | PK     | H           | 3.42          | 55.75                              | 74                   | -18.25      |
| 11440           | 39.21                | AV     | H           | 3.42          | 42.63                              | 54                   | -11.37      |
| 11440           | 52.96                | PK     | V           | 3.42          | 56.38                              | 74                   | -17.62      |
| 11440           | 39.21                | AV     | V           | 3.42          | 42.63                              | 54                   | -11.37      |

| Frequency (MHz)   | Reading (dB $\mu$ V) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) |
|-------------------|----------------------|--------|-------------|---------------|------------------------------------|----------------------|-------------|
| <b>802.11ac20</b> |                      |        |             |               |                                    |                      |             |
| Low Channel       |                      |        |             |               |                                    |                      |             |
| 11000             | 52.11                | PK     | H           | 4.25          | 56.36                              | 74                   | -17.64      |
| 11000             | 38.42                | AV     | H           | 4.25          | 42.67                              | 54                   | -11.33      |
| 11000             | 52.33                | PK     | V           | 4.25          | 56.58                              | 74                   | -17.42      |
| 11000             | 38.29                | AV     | V           | 4.25          | 42.54                              | 54                   | -11.46      |
| Middle Channel    |                      |        |             |               |                                    |                      |             |
| 11160             | 52.34                | PK     | H           | 3.51          | 55.85                              | 74                   | -18.15      |
| 11160             | 38.85                | AV     | H           | 3.51          | 42.36                              | 54                   | -11.64      |
| 11160             | 52.65                | PK     | V           | 3.51          | 56.16                              | 74                   | -17.84      |
| 11160             | 39                   | AV     | V           | 3.51          | 42.51                              | 54                   | -11.49      |
| High Channel      |                      |        |             |               |                                    |                      |             |
| 11400             | 52.87                | PK     | H           | 3.31          | 56.18                              | 74                   | -17.82      |
| 11400             | 39.47                | AV     | H           | 3.31          | 42.78                              | 54                   | -11.22      |
| 11400             | 53.01                | PK     | V           | 3.31          | 56.32                              | 74                   | -17.68      |
| 11400             | 39.5                 | AV     | V           | 3.31          | 42.81                              | 54                   | -11.19      |
| Cross Channel     |                      |        |             |               |                                    |                      |             |
| 11440             | 52.45                | PK     | H           | 3.42          | 55.87                              | 74                   | -18.13      |
| 11440             | 39.05                | AV     | H           | 3.42          | 42.47                              | 54                   | -11.53      |
| 11440             | 52.43                | PK     | V           | 3.42          | 55.85                              | 74                   | -18.15      |
| 11440             | 38.96                | AV     | V           | 3.42          | 42.38                              | 54                   | -11.62      |

| Frequency (MHz)   | Reading (dBμV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-------------------|----------------|--------|-------------|---------------|------------------------------|----------------|-------------|
| <b>802.11ac40</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 11020             | 52.33          | PK     | H           | 4.08          | 56.41                        | 74             | -17.59      |
| 11020             | 38.86          | AV     | H           | 4.08          | 42.94                        | 54             | -11.06      |
| 11020             | 52.55          | PK     | V           | 4.08          | 56.63                        | 74             | -17.37      |
| 11020             | 38.81          | AV     | V           | 4.08          | 42.89                        | 54             | -11.11      |
| Middle Channel    |                |        |             |               |                              |                |             |
| 11100             | 52.97          | PK     | H           | 3.36          | 56.33                        | 74             | -17.67      |
| 11100             | 39.53          | AV     | H           | 3.36          | 42.89                        | 54             | -11.11      |
| 11100             | 53             | PK     | V           | 3.36          | 56.36                        | 74             | -17.64      |
| 11100             | 39.39          | AV     | V           | 3.36          | 42.75                        | 54             | -11.25      |
| High Channel      |                |        |             |               |                              |                |             |
| 11340             | 53.3           | PK     | H           | 3.47          | 56.77                        | 74             | -17.23      |
| 11340             | 39.68          | AV     | H           | 3.47          | 43.15                        | 54             | -10.85      |
| 11340             | 53.2           | PK     | V           | 3.47          | 56.67                        | 74             | -17.33      |
| 11340             | 39.59          | AV     | V           | 3.47          | 43.06                        | 54             | -10.94      |
| Cross Channel     |                |        |             |               |                              |                |             |
| 11420             | 53.12          | PK     | H           | 3.37          | 56.49                        | 74             | -17.51      |
| 11420             | 39.53          | AV     | H           | 3.37          | 42.9                         | 54             | -11.1       |
| 11420             | 53.12          | PK     | V           | 3.37          | 56.49                        | 74             | -17.51      |
| 11420             | 39.42          | AV     | V           | 3.37          | 42.79                        | 54             | -11.21      |
| <b>802.11ac80</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 11060             | 49.89          | PK     | H           | 3.72          | 53.61                        | 74             | -20.39      |
| 11060             | 38.2           | AV     | H           | 3.72          | 41.92                        | 54             | -12.08      |
| 11060             | 50.72          | PK     | V           | 3.72          | 54.44                        | 74             | -19.56      |
| 11060             | 38.25          | AV     | V           | 3.72          | 41.97                        | 54             | -12.03      |
| High Channel      |                |        |             |               |                              |                |             |
| 11220             | 51.79          | PK     | H           | 3.6           | 55.39                        | 74             | -18.61      |
| 11220             | 38.41          | AV     | H           | 3.6           | 42.01                        | 54             | -11.99      |
| 11220             | 51.81          | PK     | V           | 3.6           | 55.41                        | 74             | -18.59      |
| 11220             | 38.39          | AV     | V           | 3.6           | 41.99                        | 54             | -12.01      |
| Cross Channel     |                |        |             |               |                              |                |             |
| 11380             | 50.59          | PK     | H           | 3.37          | 53.96                        | 74             | -20.04      |
| 11380             | 38.16          | AV     | H           | 3.37          | 41.53                        | 54             | -12.47      |
| 11380             | 51.42          | PK     | V           | 3.37          | 54.79                        | 74             | -19.21      |
| 11380             | 38.28          | AV     | V           | 3.37          | 41.65                        | 54             | -12.35      |

**5725-5850MHz**

| Frequency (MHz)   | Reading (dBμV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-------------------|----------------|--------|-------------|---------------|------------------------------|----------------|-------------|
| <b>802.11a</b>    |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 11490             | 53.05          | PK     | H           | 3.64          | 56.69                        | 74             | -17.31      |
| 11490             | 39.27          | AV     | H           | 3.64          | 42.91                        | 54             | -11.09      |
| 11490             | 52.61          | PK     | V           | 3.64          | 56.25                        | 74             | -17.75      |
| 11490             | 39.06          | AV     | V           | 3.64          | 42.7                         | 54             | -11.3       |
| Middle Channel    |                |        |             |               |                              |                |             |
| 11570             | 52.95          | PK     | H           | 3.34          | 56.29                        | 74             | -17.71      |
| 11570             | 40.05          | AV     | H           | 3.34          | 43.39                        | 54             | -10.61      |
| 11570             | 52.55          | PK     | V           | 3.34          | 55.89                        | 74             | -18.11      |
| 11570             | 39.96          | AV     | V           | 3.34          | 43.3                         | 54             | -10.7       |
| High Channel      |                |        |             |               |                              |                |             |
| 11650             | 53.81          | PK     | H           | 3.46          | 57.27                        | 74             | -16.73      |
| 11650             | 40.5           | AV     | H           | 3.46          | 43.96                        | 54             | -10.04      |
| 11650             | 54.54          | PK     | V           | 3.46          | 58                           | 74             | -16         |
| 11650             | 40.74          | AV     | V           | 3.46          | 44.2                         | 54             | -9.8        |
| <b>802.11ac20</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 11490             | 52.84          | PK     | H           | 3.64          | 56.48                        | 74             | -17.52      |
| 11490             | 39.39          | AV     | H           | 3.64          | 43.03                        | 54             | -10.97      |
| 11490             | 52.4           | PK     | V           | 3.64          | 56.04                        | 74             | -17.96      |
| 11490             | 39.38          | AV     | V           | 3.64          | 43.02                        | 54             | -10.98      |
| Middle Channel    |                |        |             |               |                              |                |             |
| 11570             | 53.66          | PK     | H           | 3.34          | 57                           | 74             | -17         |
| 11570             | 39.57          | AV     | H           | 3.34          | 42.91                        | 54             | -11.09      |
| 11570             | 53.11          | PK     | V           | 3.34          | 56.45                        | 74             | -17.55      |
| 11570             | 39.43          | AV     | V           | 3.34          | 42.77                        | 54             | -11.23      |
| High Channel      |                |        |             |               |                              |                |             |
| 11650             | 54.11          | PK     | H           | 3.46          | 57.57                        | 74             | -16.43      |
| 11650             | 40.9           | AV     | H           | 3.46          | 44.36                        | 54             | -9.64       |
| 11650             | 54.05          | PK     | V           | 3.46          | 57.51                        | 74             | -16.49      |
| 11650             | 40.46          | AV     | V           | 3.46          | 43.92                        | 54             | -10.08      |

| Frequency (MHz)   | Reading (dBμV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Corrected Amplitude (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-------------------|----------------|--------|-------------|---------------|------------------------------|----------------|-------------|
| <b>802.11ac40</b> |                |        |             |               |                              |                |             |
| Low Channel       |                |        |             |               |                              |                |             |
| 11510             | 52.35          | PK     | H           | 3.63          | 55.98                        | 74             | -18.02      |
| 11510             | 39.48          | AV     | H           | 3.63          | 43.11                        | 54             | -10.89      |
| 11510             | 52.27          | PK     | V           | 3.63          | 55.9                         | 74             | -18.1       |
| 11510             | 39.19          | AV     | V           | 3.63          | 42.82                        | 54             | -11.18      |
| High Channel      |                |        |             |               |                              |                |             |
| 11590             | 52.54          | PK     | H           | 3.24          | 55.78                        | 74             | -18.22      |
| 11590             | 39.89          | AV     | H           | 3.24          | 43.13                        | 54             | -10.87      |
| 11590             | 52.78          | PK     | V           | 3.24          | 56.02                        | 74             | -17.98      |
| 11590             | 39.74          | AV     | V           | 3.24          | 42.98                        | 54             | -11.02      |
| <b>802.11ac80</b> |                |        |             |               |                              |                |             |
| Middle Channel    |                |        |             |               |                              |                |             |
| 11550             | 52.09          | PK     | H           | 3.44          | 55.53                        | 74             | -18.47      |
| 11550             | 39.43          | AV     | H           | 3.44          | 42.87                        | 54             | -11.13      |
| 11550             | 52.2           | PK     | V           | 3.44          | 55.64                        | 74             | -18.36      |
| 11550             | 39.41          | AV     | V           | 3.44          | 42.85                        | 54             | -11.15      |

Note:

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

Corrected Amplitude = Factor + Reading

Margin = Corrected. Amplitude - Limit

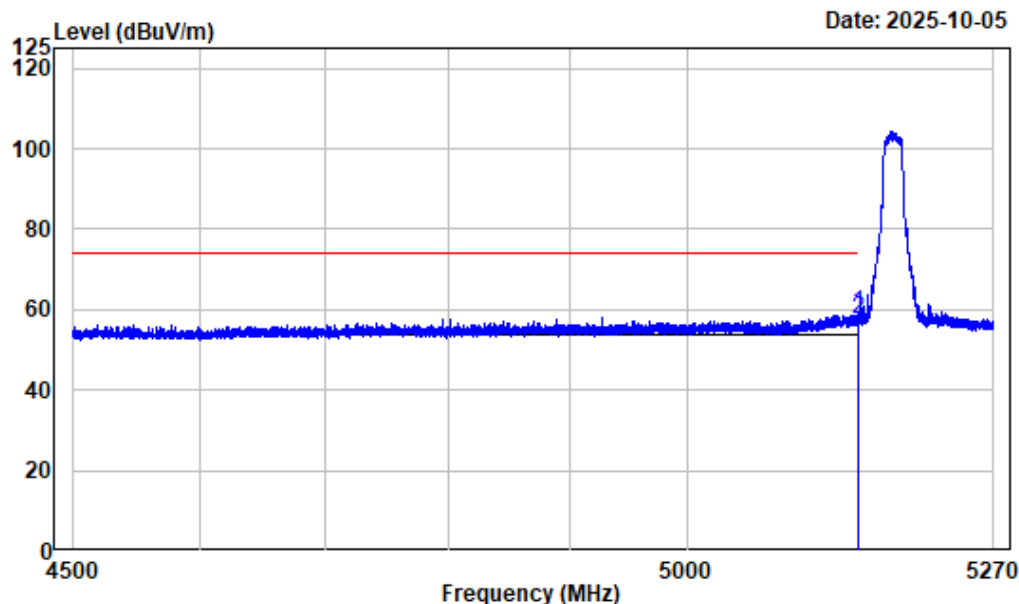
The other spurious emission which is in the noise floor level was not recorded.

Test plots:

Band Edge

5150-5250MHz:

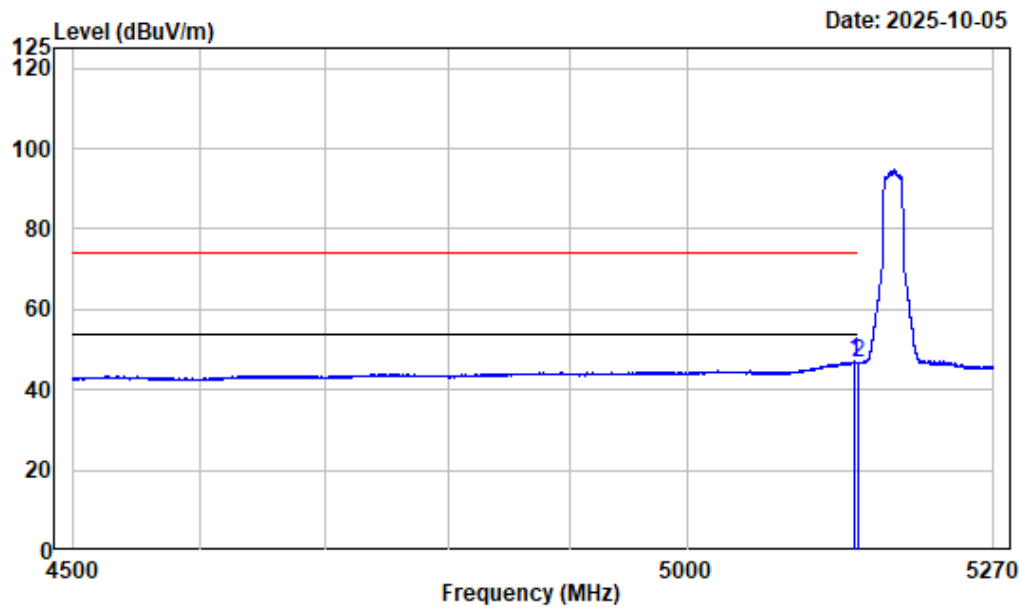
Left Band edge Horizontal Peak 802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

|             |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
| Freq Factor |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5148.725 | -7.46 | 66.20 | 58.74  | 74.00  | -15.26 Peak |
| 2           | 5150.000 | -7.46 | 64.83 | 57.37  | 74.00  | -16.63 Peak |

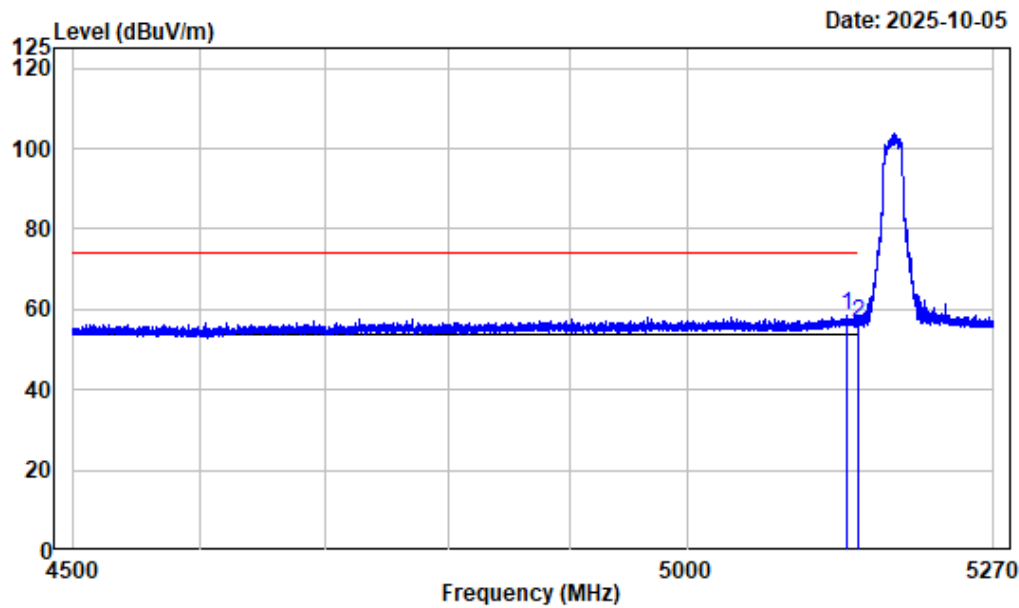
Left Band edge\_Horizontal\_Average\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5145.934 | -7.46 | 54.41 | 46.95  | 54.00  | -7.05 Average |
| 2           | 5150.000 | -7.46 | 54.25 | 46.79  | 54.00  | -7.21 Average |

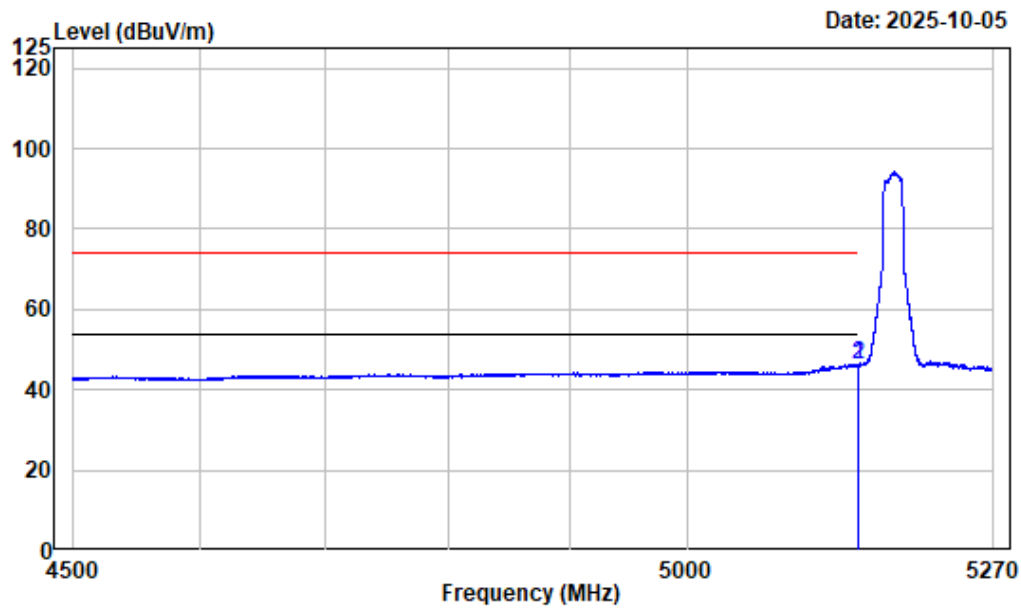
Left Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5139.485 | -7.47 | 65.86 | 58.39  | 74.00  | -15.61 Peak |
| 2           | 5150.000 | -7.46 | 64.01 | 56.55  | 74.00  | -17.45 Peak |

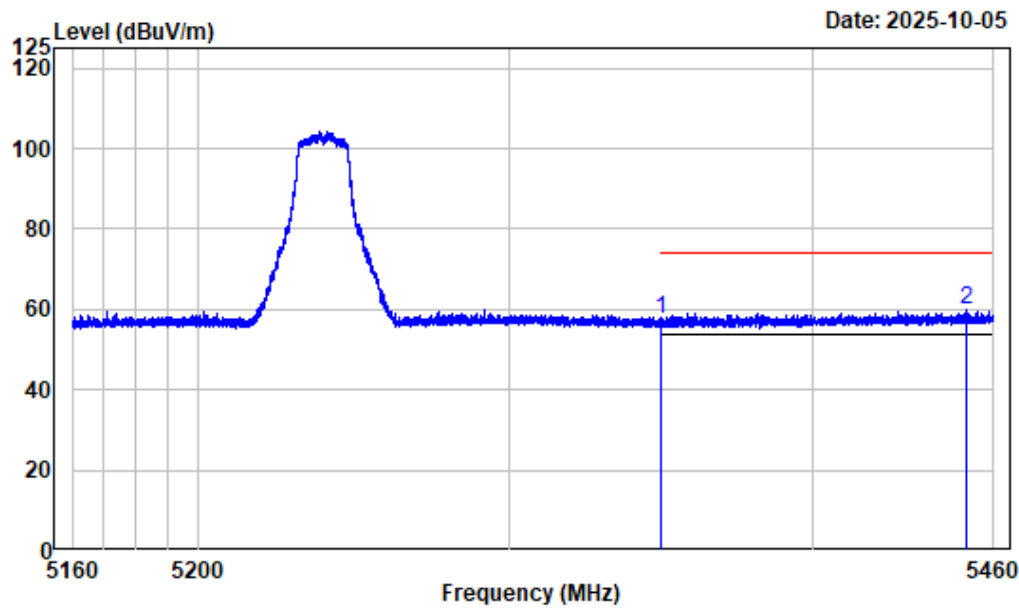
## Left Band edge\_Vertical\_Average\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5149.014 | -7.46 | 53.84 | 46.38  | 54.00  | -7.62 Average |
| 2           | 5150.000 | -7.46 | 53.65 | 46.19  | 54.00  | -7.81 Average |

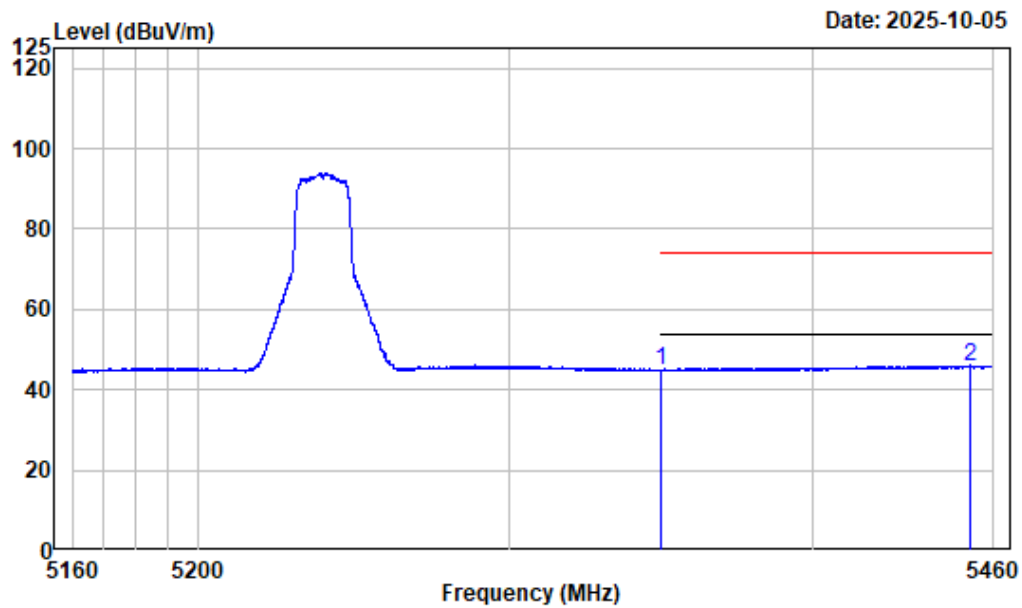
Right Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5240

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 64.50 | 57.76  | 74.00  | -16.24 Peak |
| 2           | 5451.225 | -6.32 | 66.08 | 59.76  | 74.00  | -14.24 Peak |

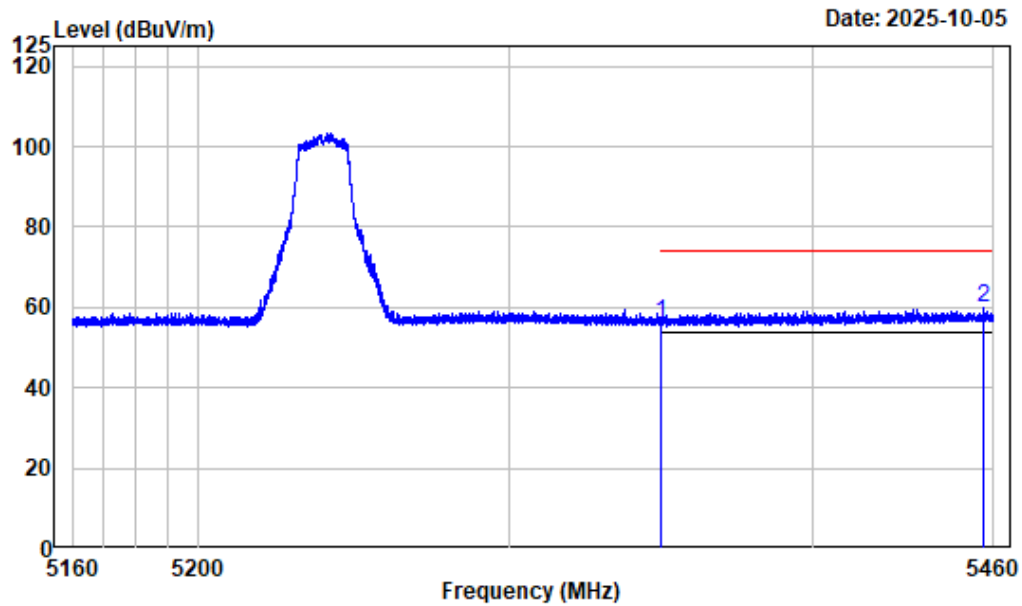
## Right Band edge\_Horizontal\_Average\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5240

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 51.54 | 44.80  | 54.00  | -9.20 Average |
| 2           | 5452.237 | -6.32      | 52.31 | 45.99  | 54.00  | -8.01 Average |

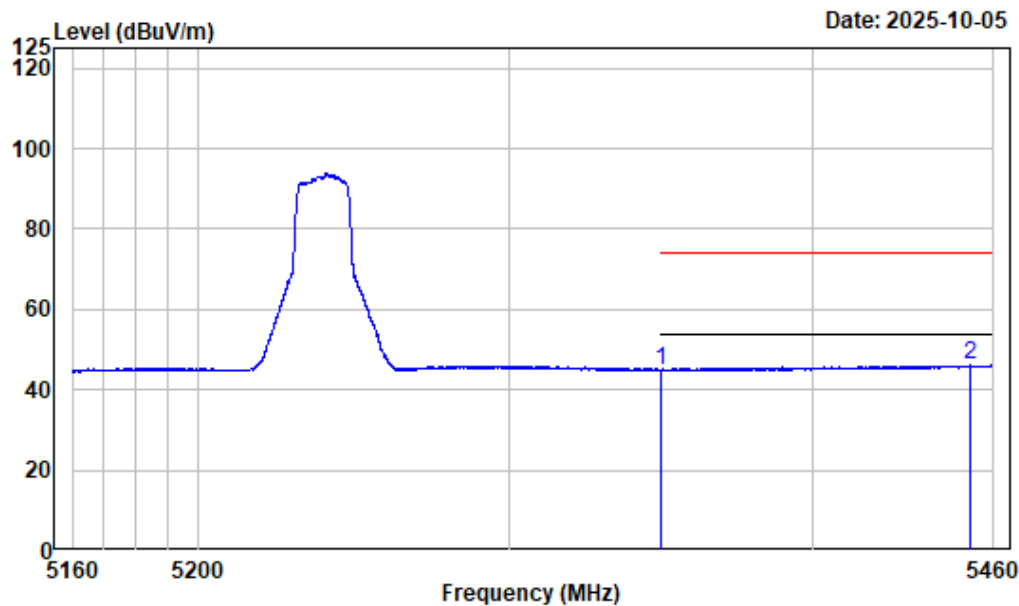
## Right Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5240

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5350.000  | -6.74 | 62.85 | 56.11  | 74.00  | -17.89 | Peak   |
| 2 5456.737  | -6.31 | 65.99 | 59.68  | 74.00  | -14.32 | Peak   |

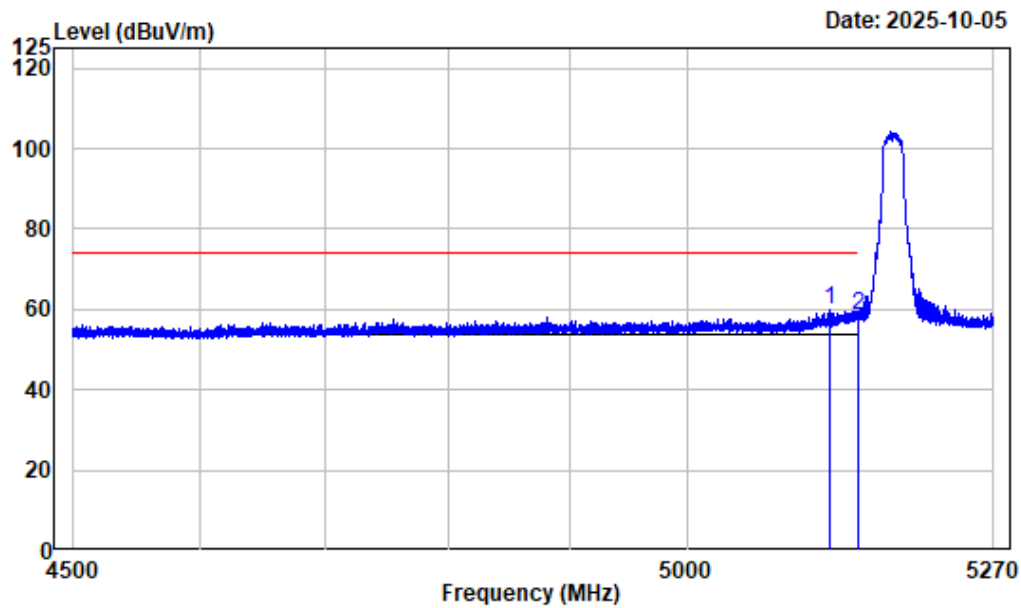
Right Band edge\_Vertical\_Average\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5240

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 51.72 | 44.98  | 54.00  | -9.02 Average |
| 2           | 5452.350 | -6.32      | 52.33 | 46.01  | 54.00  | -7.99 Average |

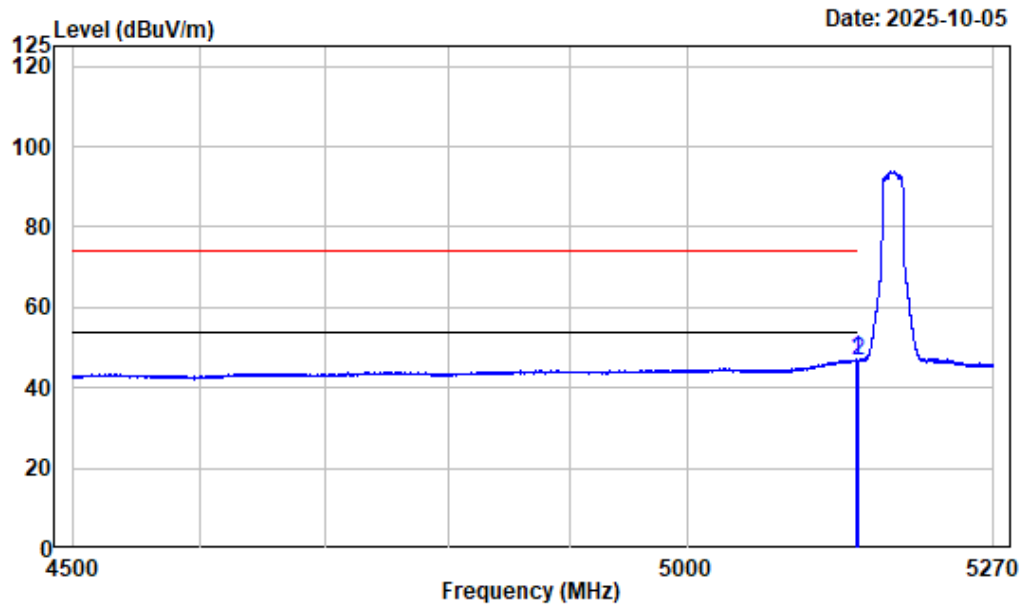
## Left Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5124.951  | -7.47 | 67.17 | 59.70  | 74.00  | -14.30 | Peak   |
| 2 5150.000  | -7.46 | 65.86 | 58.40  | 74.00  | -15.60 | Peak   |

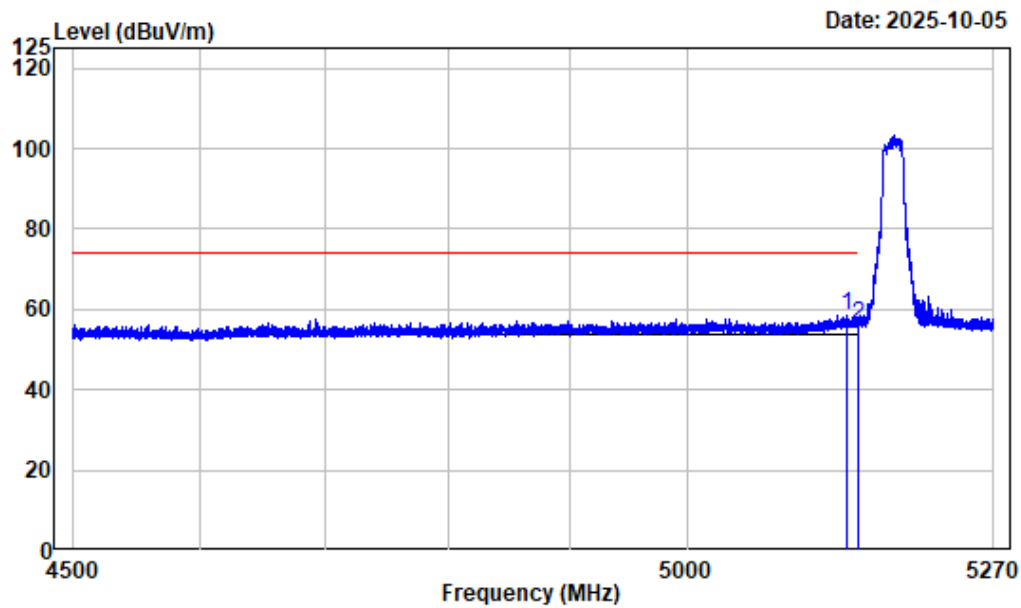
## Left Band edge\_Horizontal\_Average\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 5147.763  | -7.46 | 54.47      | 47.01  | 54.00      | -6.99      | Average |
| 2 5150.000  | -7.46 | 54.21      | 46.75  | 54.00      | -7.25      | Average |

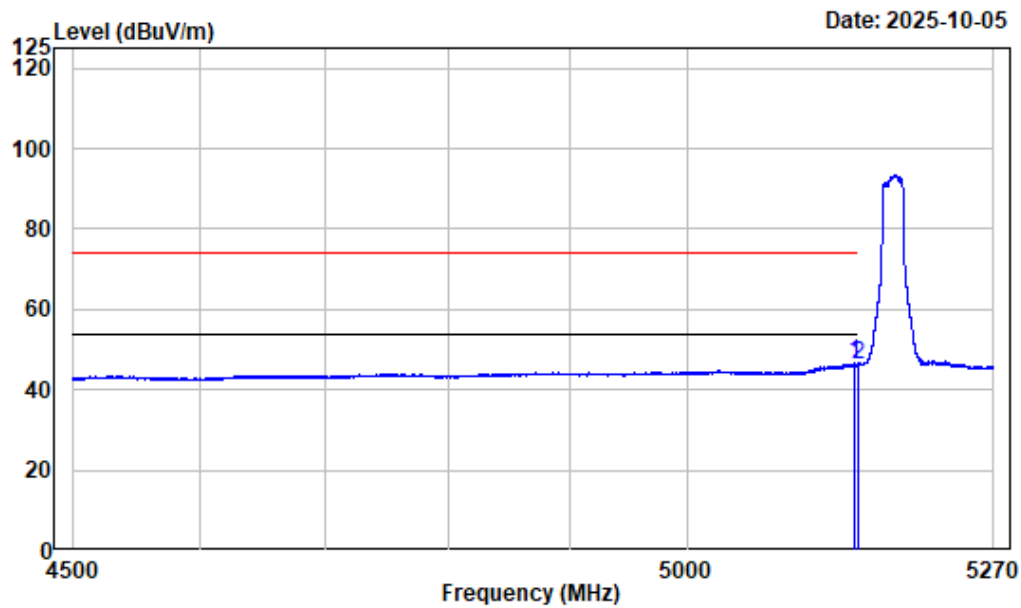
## Left Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5139.004  | -7.47 | 66.17 | 58.70  | 74.00  | -15.30 | Peak   |
| 2 5150.000  | -7.46 | 63.79 | 56.33  | 74.00  | -17.67 | Peak   |

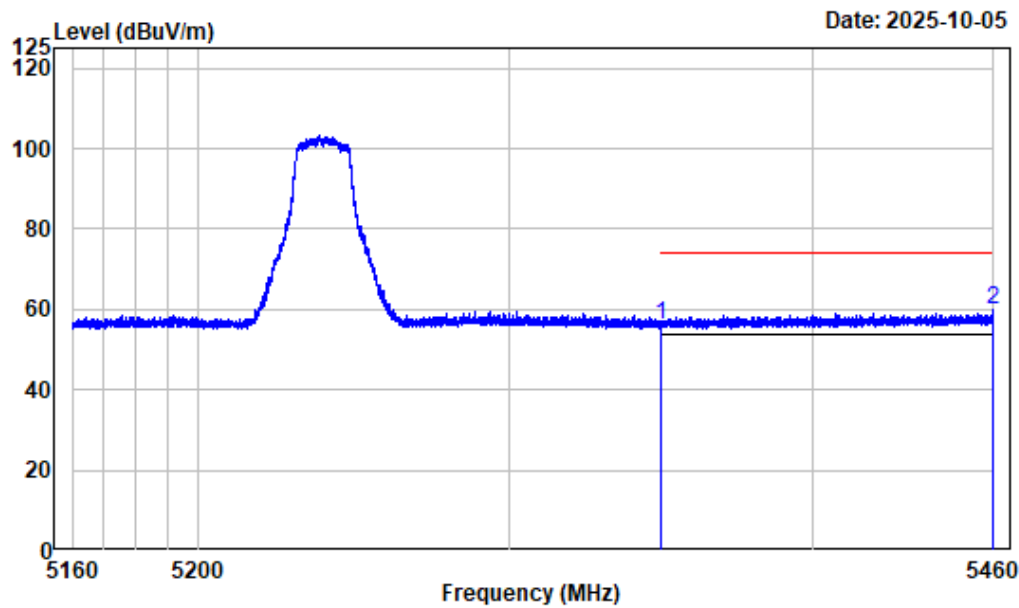
## Left Band edge\_Vertical\_Average\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5146.607 | -7.46 | 54.03 | 46.57  | 54.00  | -7.43 Average |
| 2           | 5150.000 | -7.46 | 53.66 | 46.20  | 54.00  | -7.80 Average |

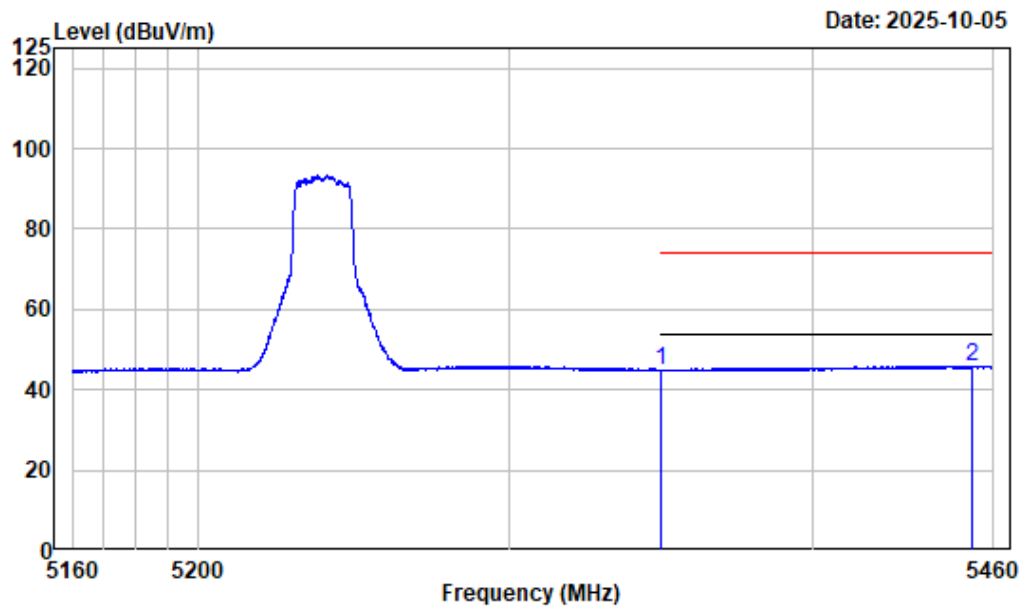
Right Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5240

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark      |
|-------------|----------|------------|-------|--------|--------|-------------|
|             |          |            |       | Line   | Limit  |             |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74      | 62.81 | 56.07  | 74.00  | -17.93 Peak |
| 2           | 5459.625 | -6.29      | 66.02 | 59.73  | 74.00  | -14.27 Peak |

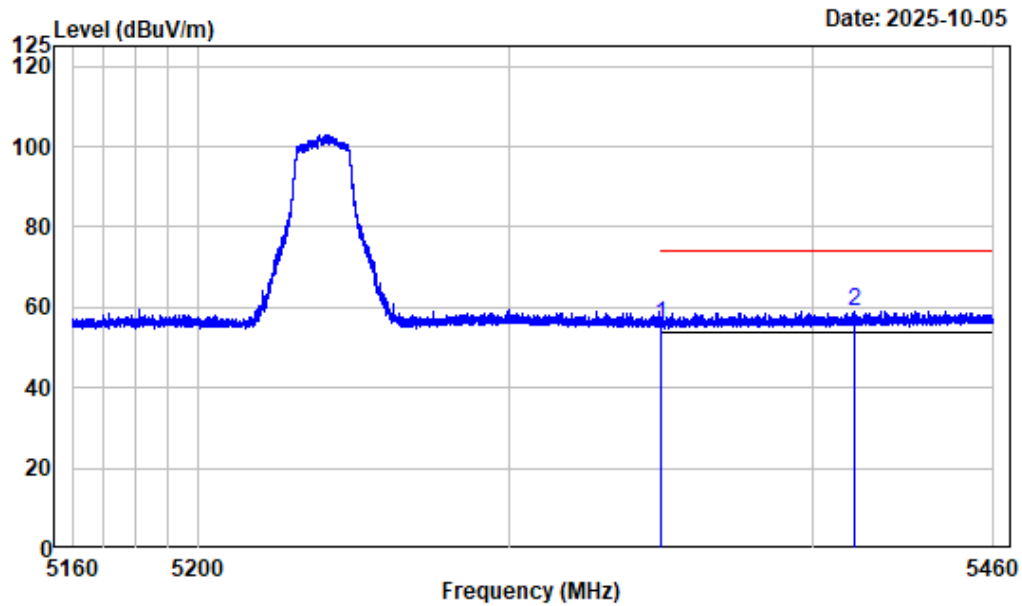
Right Band edge\_Horizontal\_Average\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5240

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 51.50 | 44.76  | 54.00  | -9.24 Average |
| 2           | 5453.025 | -6.31      | 52.28 | 45.97  | 54.00  | -8.03 Average |

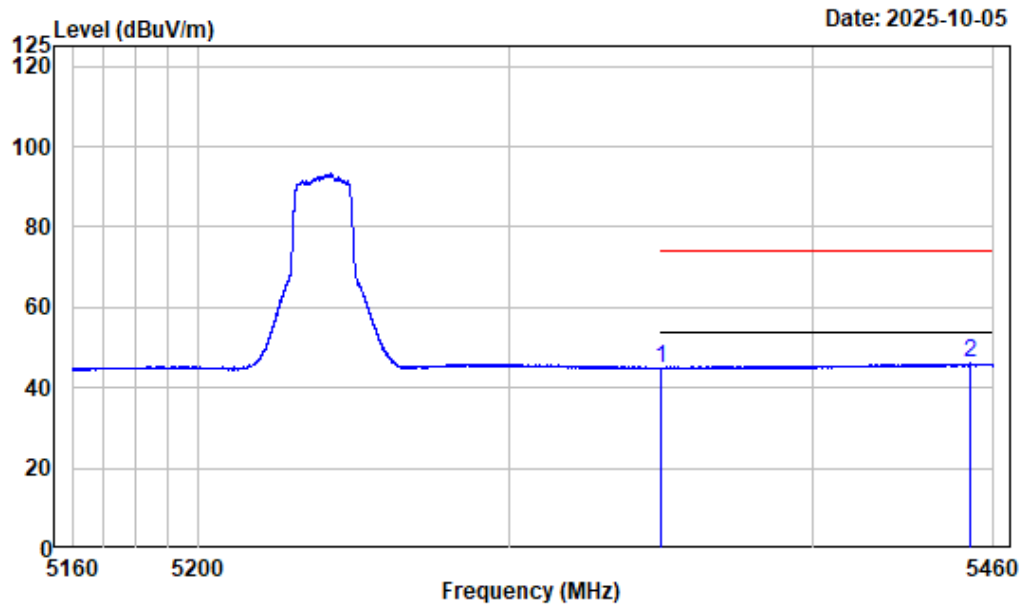
## Right Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5240

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5350.000  | -6.74 | 62.47 | 55.73  | 74.00  | -18.27 | Peak   |
| 2 5413.763  | -6.51 | 65.69 | 59.18  | 74.00  | -14.82 | Peak   |

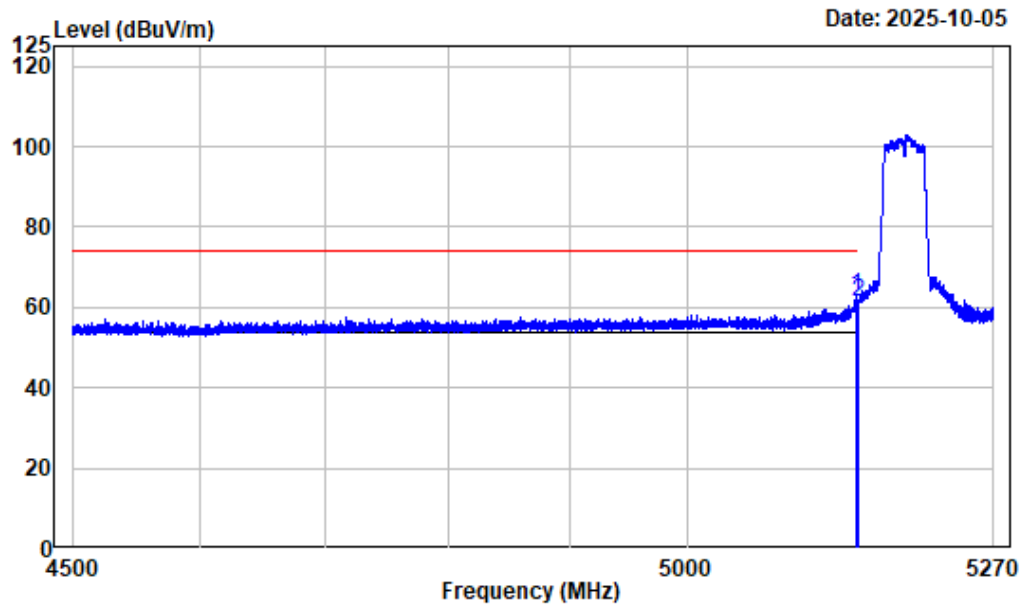
## Right Band edge\_Vertical\_Average\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5240

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 51.60 | 44.86  | 54.00  | -9.14 Average |
| 2           | 5452.237 | -6.32      | 52.33 | 46.01  | 54.00  | -7.99 Average |

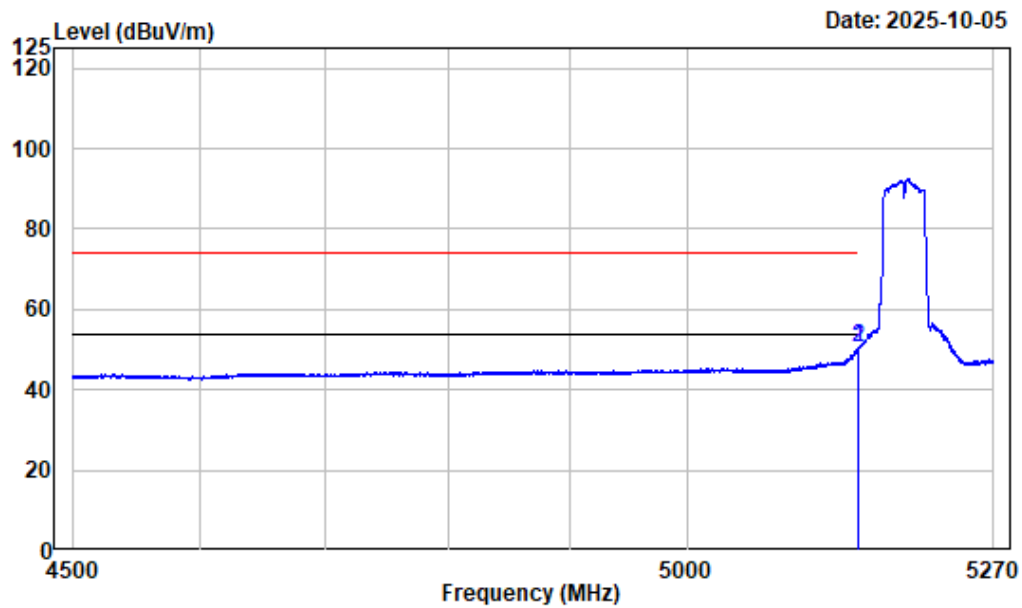
## Left Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5190

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5147.474  | -7.46 | 70.30 | 62.84  | 74.00  | -11.16 | Peak   |
| 2 5150.000  | -7.46 | 68.67 | 61.21  | 74.00  | -12.79 | Peak   |

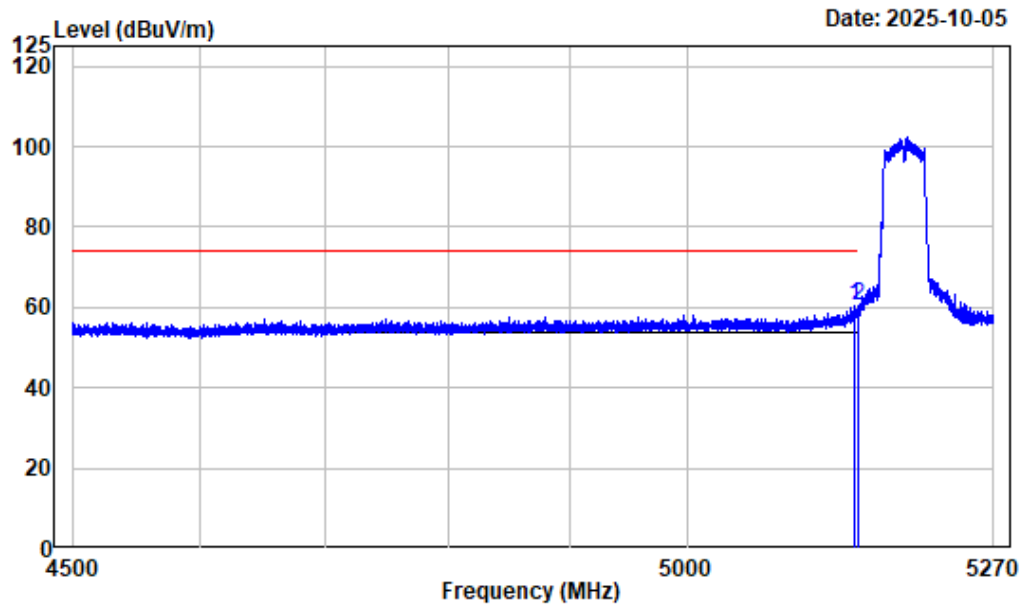
## Left Band edge\_Horizontal\_Average\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5190

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5149.880 | -7.46 | 57.97 | 50.51  | 54.00  | -3.49 Average |
| 2           | 5150.000 | -7.46 | 57.93 | 50.47  | 54.00  | -3.53 Average |

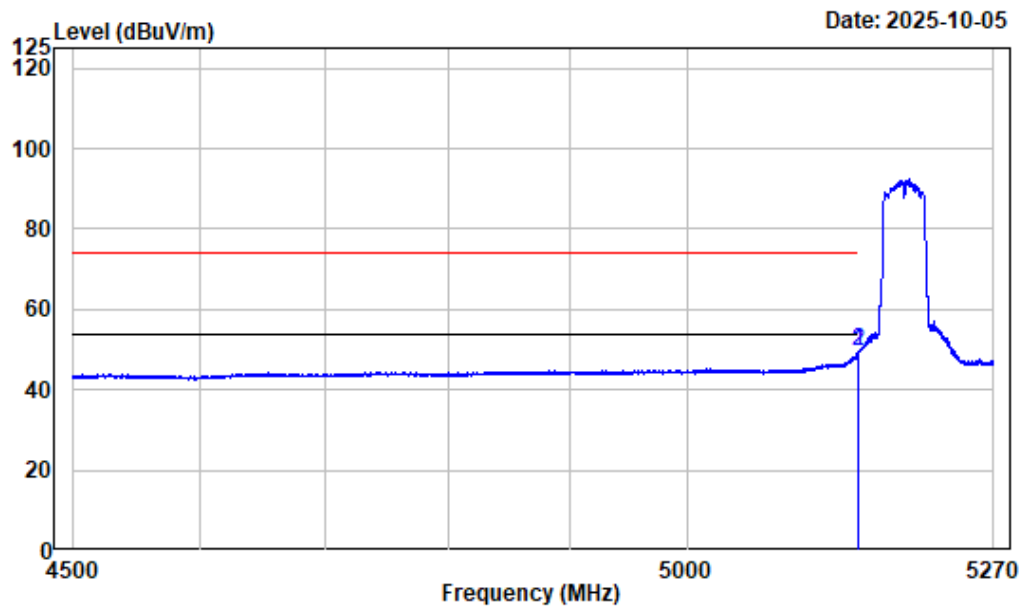
## Left Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5190

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5146.511  | -7.46 | 68.04 | 60.58  | 74.00  | -13.42 | Peak   |
| 2 5150.000  | -7.46 | 67.75 | 60.29  | 74.00  | -13.71 | Peak   |

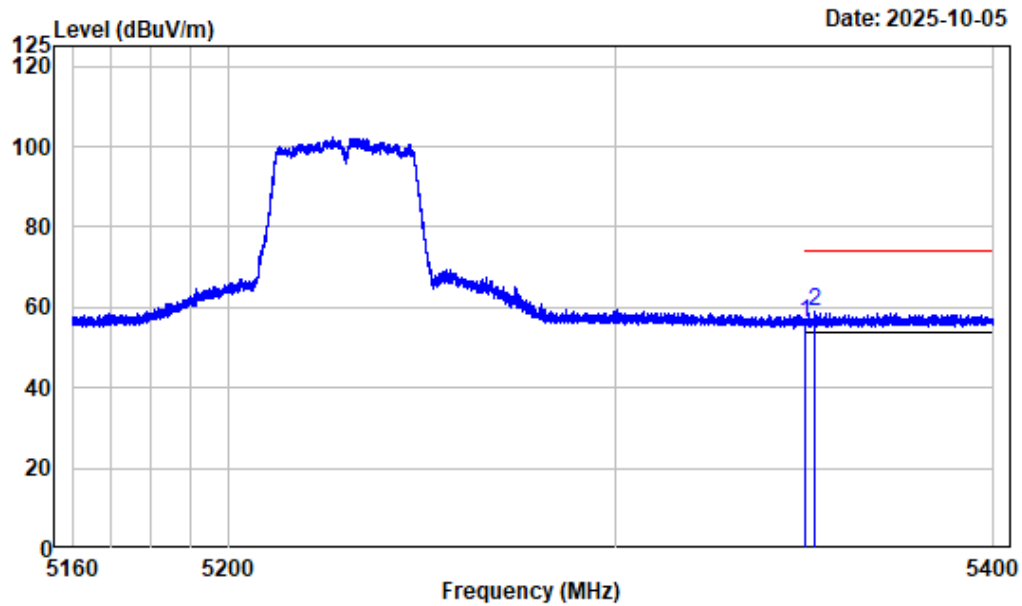
Left Band edge\_Vertical\_Average\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5190

| Freq Factor |          | Read  |        | Limit  | Over  | Remark        |
|-------------|----------|-------|--------|--------|-------|---------------|
| MHz         | dB/m     | Level | Level  | Line   | Limit |               |
|             |          | dBuV  | dBuV/m | dBuV/m | dB    |               |
| 1           | 5149.976 | -7.46 | 56.79  | 49.33  | 54.00 | -4.67 Average |
| 2           | 5150.000 | -7.46 | 56.78  | 49.32  | 54.00 | -4.68 Average |

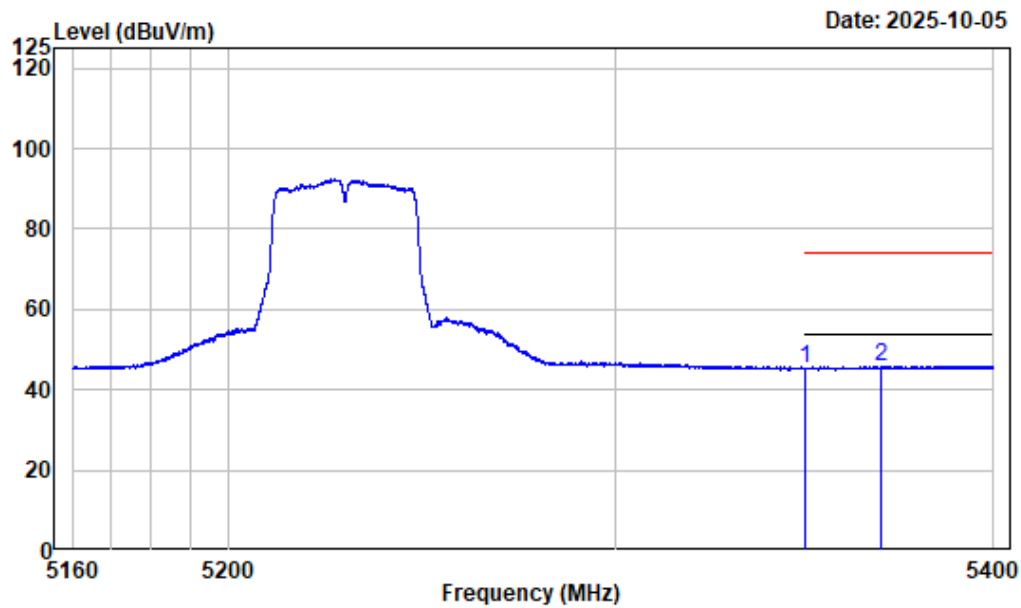
## Right Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5350.000  | -6.74 | 62.75 | 56.01  | 74.00  | -17.99 | Peak   |
| 2 5352.480  | -6.74 | 65.87 | 59.13  | 74.00  | -14.87 | Peak   |

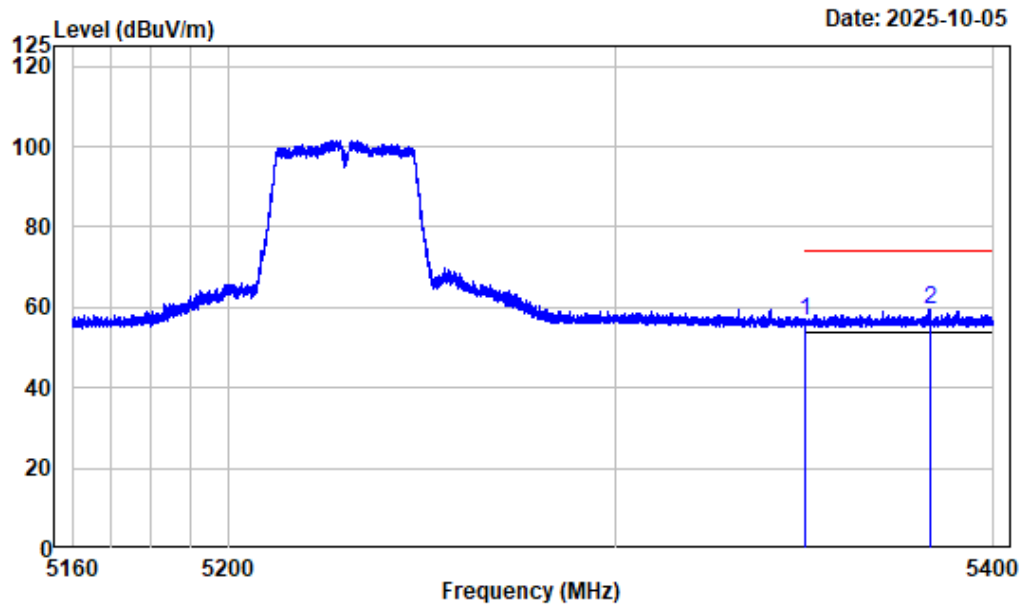
## Right Band edge\_Horizontal\_Average\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 51.99 | 45.25  | 54.00  | -8.75 Average |
| 2           | 5369.940 | -6.68      | 52.54 | 45.86  | 54.00  | -8.14 Average |

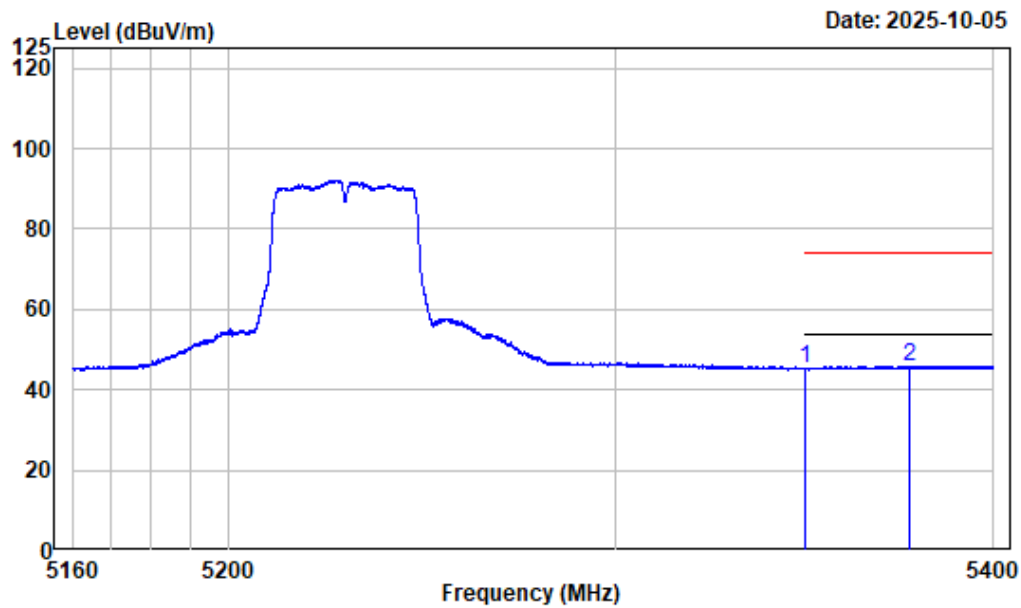
## Right Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark      |
|-------------|----------|------------|-------|--------|--------|-------------|
|             |          |            |       | Line   | Limit  |             |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74      | 63.46 | 56.72  | 74.00  | -17.28 Peak |
| 2           | 5383.410 | -6.64      | 66.06 | 59.42  | 74.00  | -14.58 Peak |

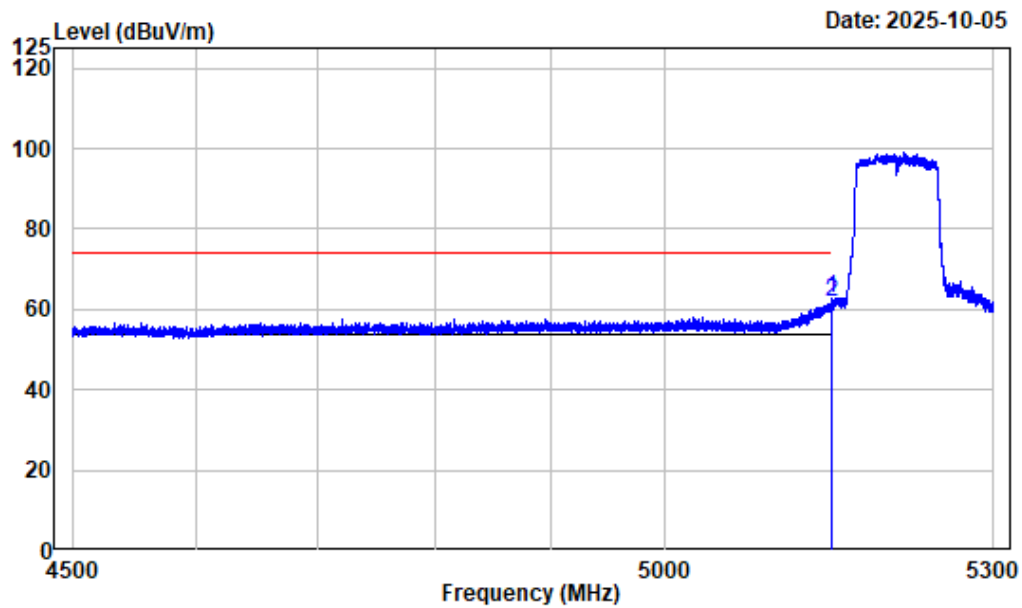
## Right Band edge\_Vertical\_Average\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 52.04 | 45.30  | 54.00  | -8.70 Average |
| 2           | 5377.710 | -6.65      | 52.58 | 45.93  | 54.00  | -8.07 Average |

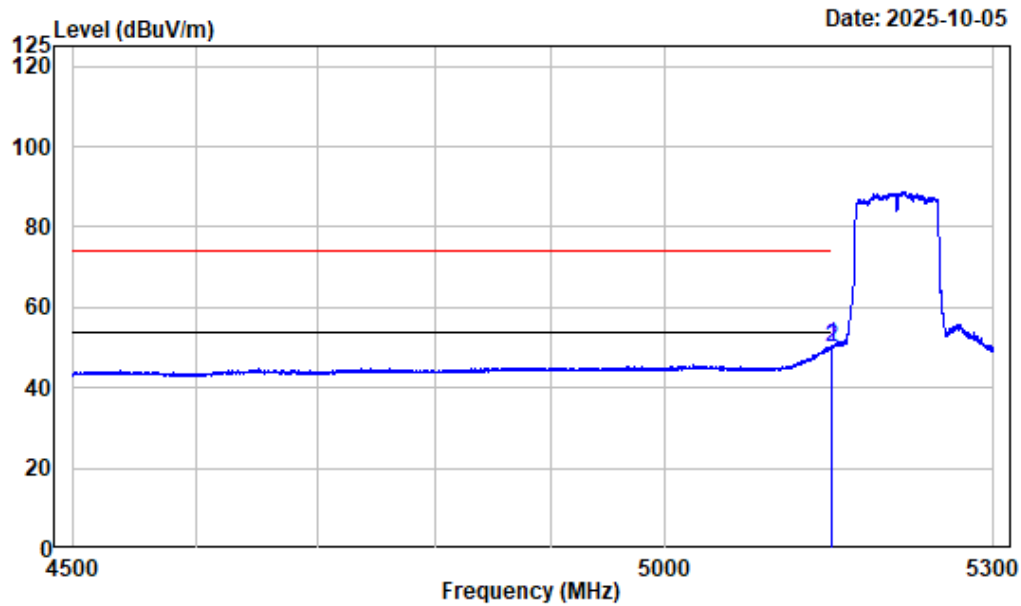
## Left Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5149.900  | -7.46 | 70.01 | 62.55  | 74.00  | -11.45 | Peak   |
| 2 5150.000  | -7.46 | 69.12 | 61.66  | 74.00  | -12.34 | Peak   |

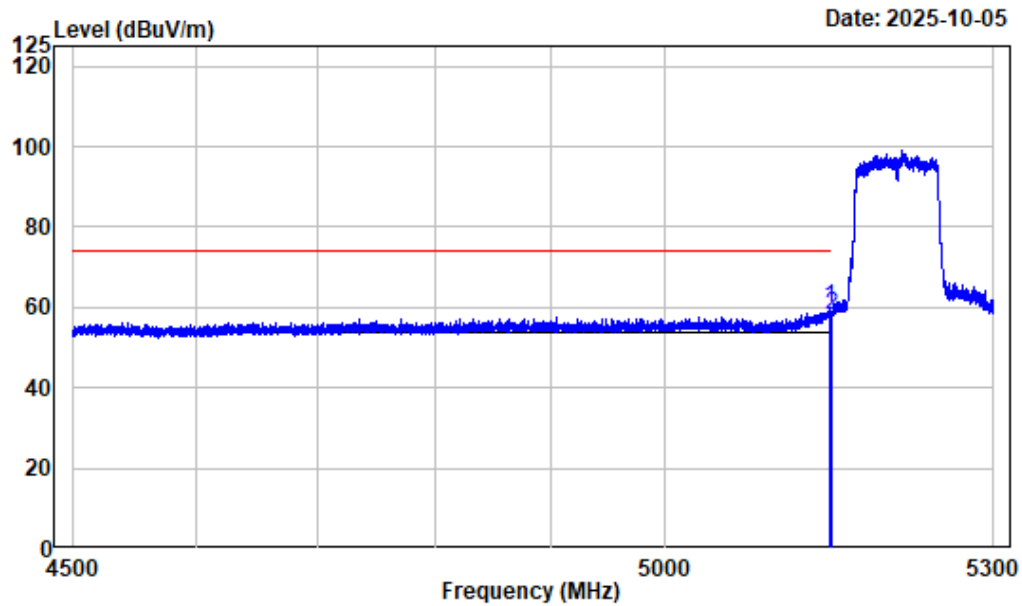
## Left Band edge\_Horizontal\_Average\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read  |        | Limit  | Over  | Remark  |
|-------------|-------|-------|--------|--------|-------|---------|
|             |       | Level | Level  | Line   | Limit |         |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 5149.400  | -7.46 | 57.70 | 50.24  | 54.00  | -3.76 | Average |
| 2 5150.000  | -7.46 | 57.60 | 50.14  | 54.00  | -3.86 | Average |

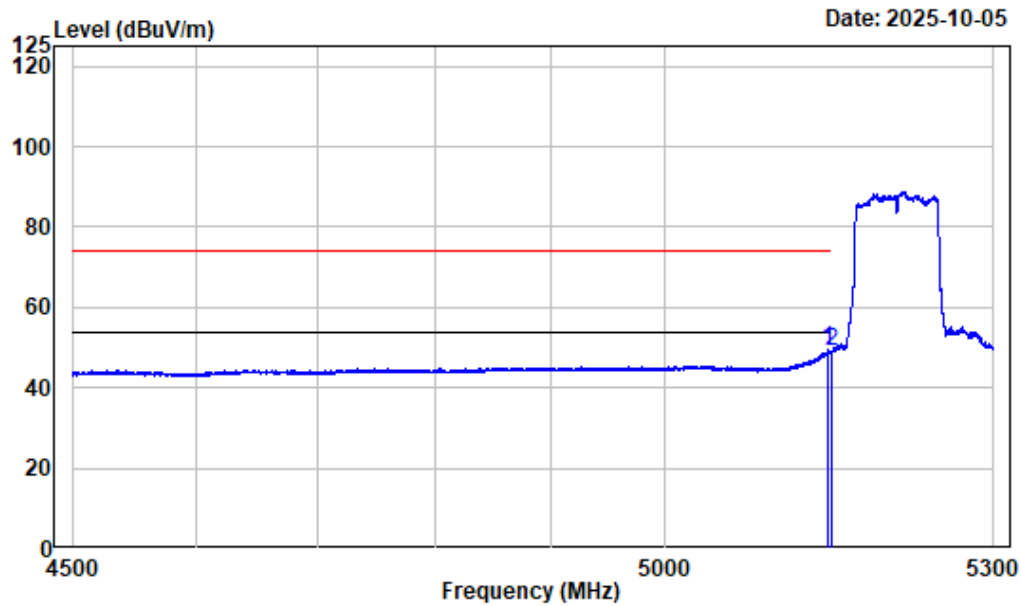
## Left Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5147.800  | -7.46 | 67.60 | 60.14  | 74.00  | -13.86 | Peak   |
| 2 5150.000  | -7.46 | 65.55 | 58.09  | 74.00  | -15.91 | Peak   |

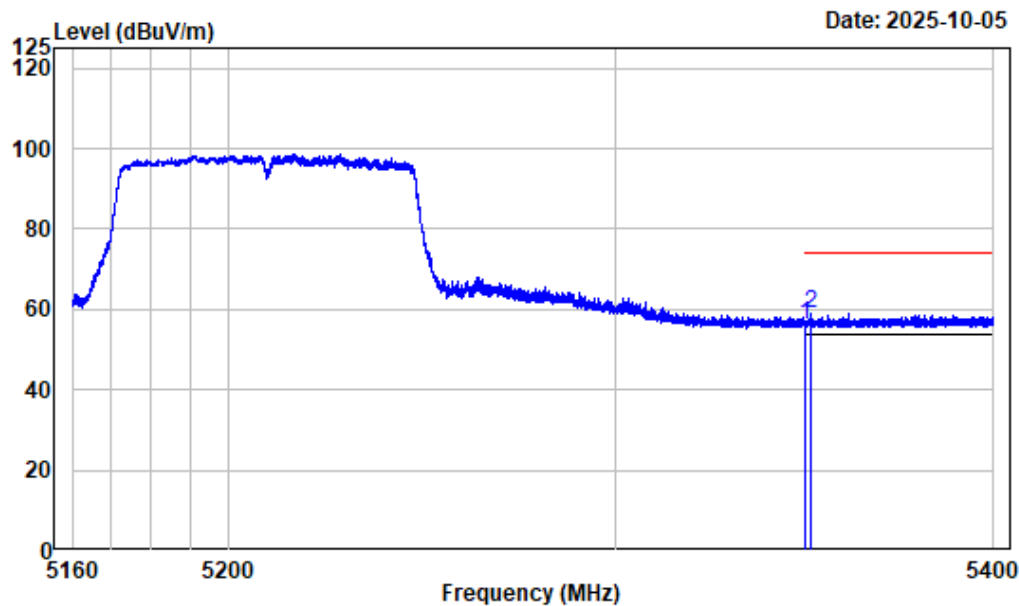
## Left Band edge\_Vertical\_Average\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read  |        | Limit  | Over  | Remark  |
|-------------|-------|-------|--------|--------|-------|---------|
|             |       | Level | Level  | Line   | Limit |         |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 5147.200  | -7.46 | 56.93 | 49.47  | 54.00  | -4.53 | Average |
| 2 5150.000  | -7.46 | 56.42 | 48.96  | 54.00  | -5.04 | Average |

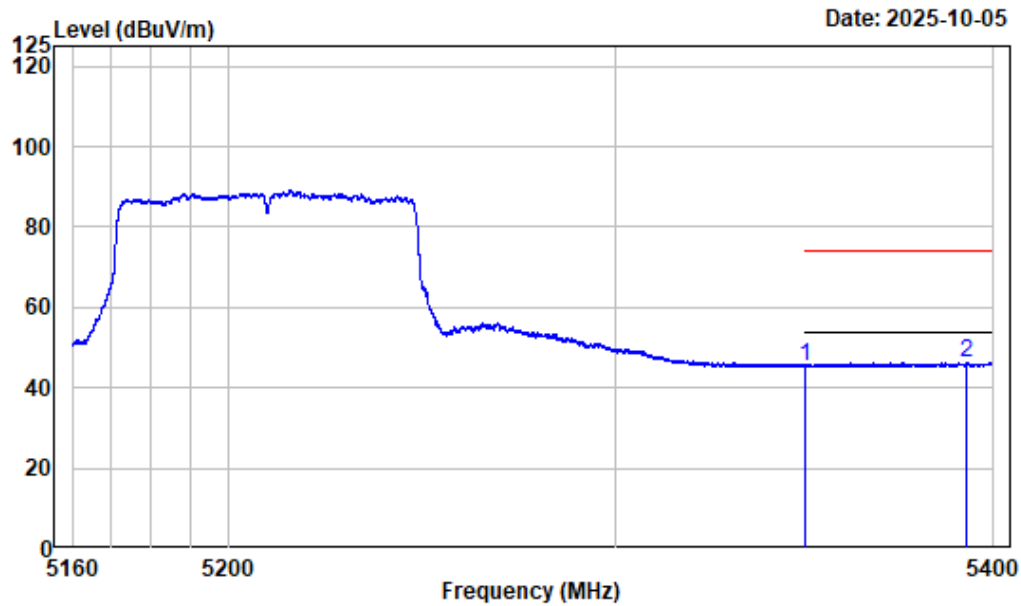
Right Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 5350.000 | -6.74      | 62.69  | 55.95  | 74.00 | -18.05 Peak |
| 2           | 5351.310 | -6.74      | 65.56  | 58.82  | 74.00 | -15.18 Peak |

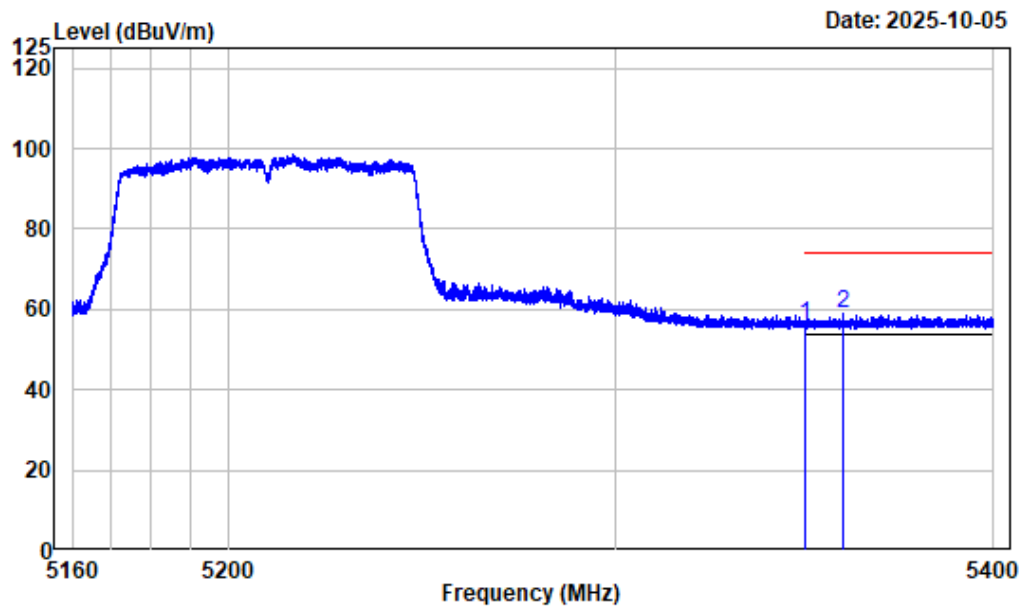
## Right Band edge\_Horizontal\_Average\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark        |
|-------------|----------|------------|--------|--------|-------|---------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |               |
| 1           | 5350.000 | -6.74      | 52.19  | 45.45  | 54.00 | -8.55 Average |
| 2           | 5392.590 | -6.61      | 52.94  | 46.33  | 54.00 | -7.67 Average |

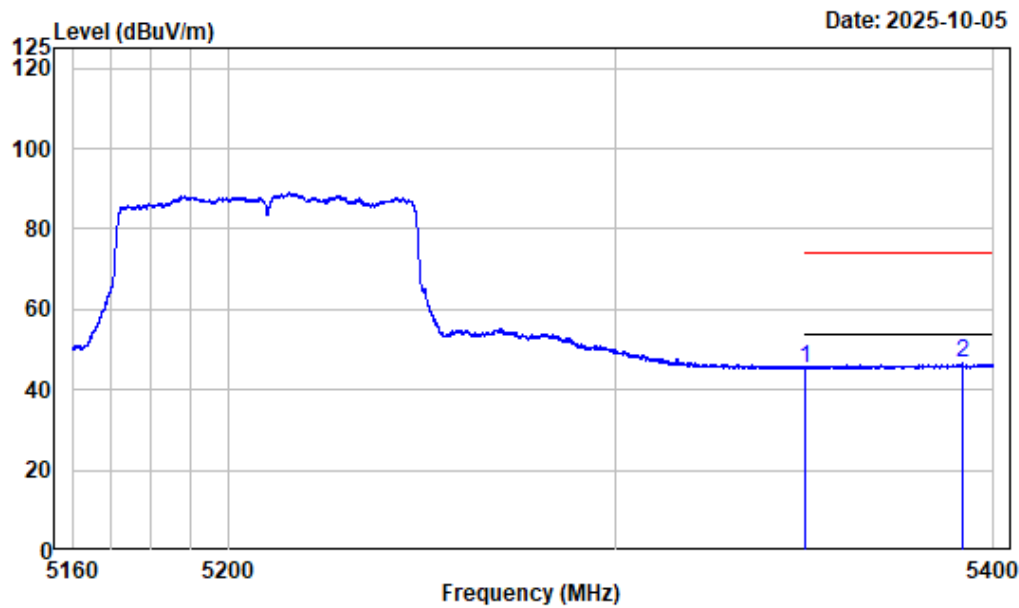
Right Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark      |
|-------------|----------|------------|-------|--------|--------|-------------|
|             |          |            |       | Line   | Limit  |             |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74      | 62.72 | 55.98  | 74.00  | -18.02 Peak |
| 2           | 5360.190 | -6.71      | 65.54 | 58.83  | 74.00  | -15.17 Peak |

Right Band edge\_Vertical\_Average\_802.11ac80--B1

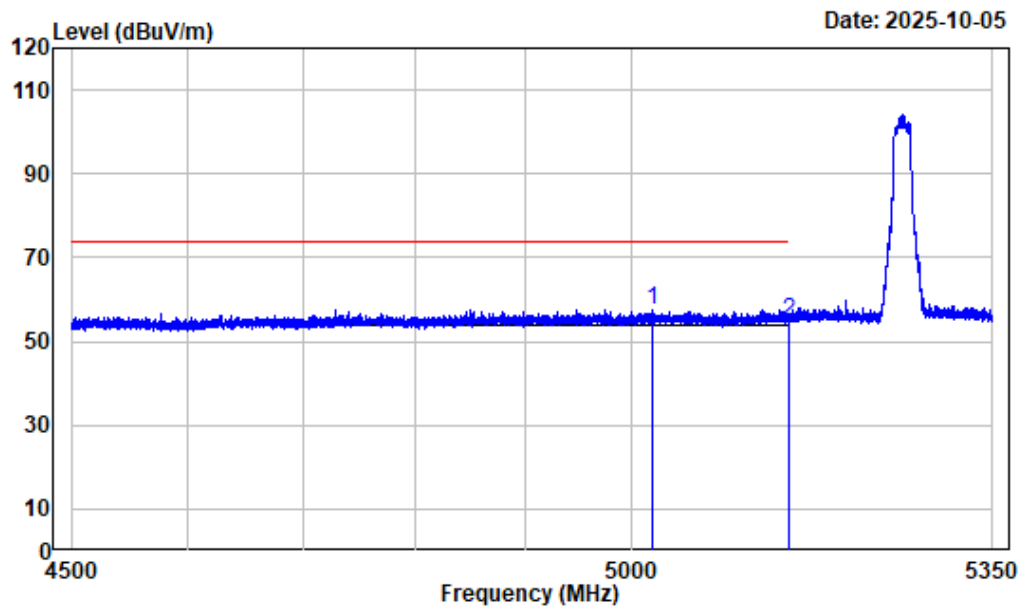


Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 52.15 | 45.41  | 54.00  | -8.59 Average |
| 2           | 5391.780 | -6.62      | 53.09 | 46.47  | 54.00  | -7.53 Average |

**5250-5350MHz:**

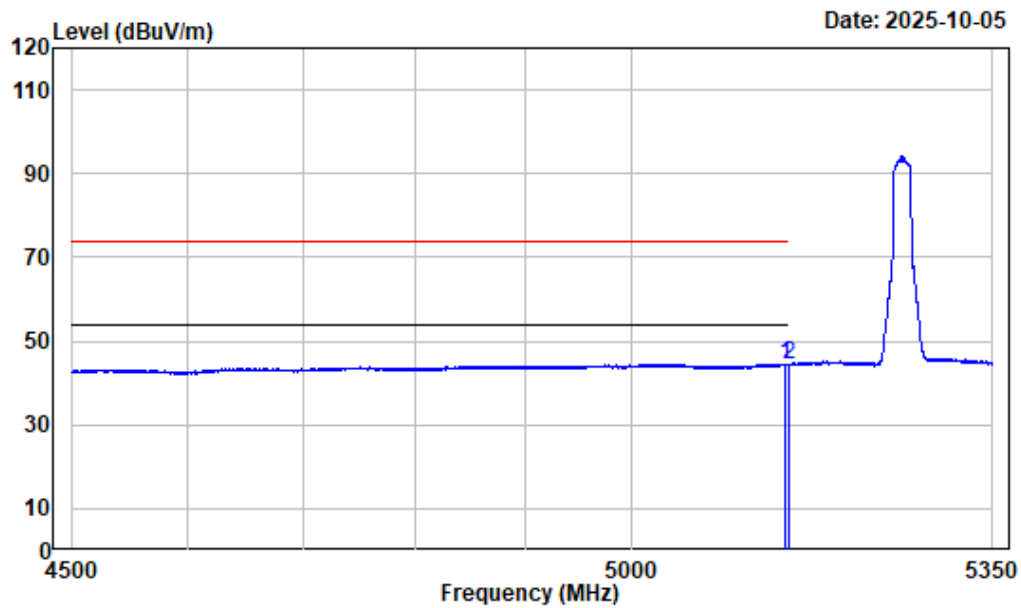
Left Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5260

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 5019.138 | -7.33      | 65.00  | 57.67  | 74.00 | -16.33 Peak |
| 2           | 5150.000 | -7.46      | 62.39  | 54.93  | 74.00 | -19.07 Peak |

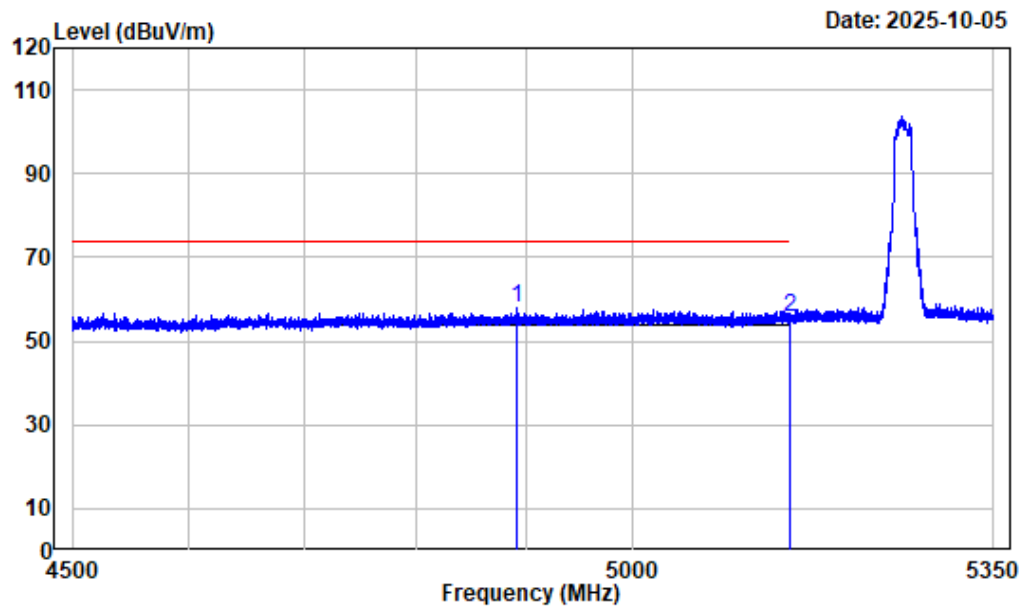
## Left Band edge\_Horizontal\_Average\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5145.044 | -7.46 | 52.05 | 44.59  | 54.00  | -9.41 Average |
| 2           | 5150.000 | -7.46 | 51.81 | 44.35  | 54.00  | -9.65 Average |

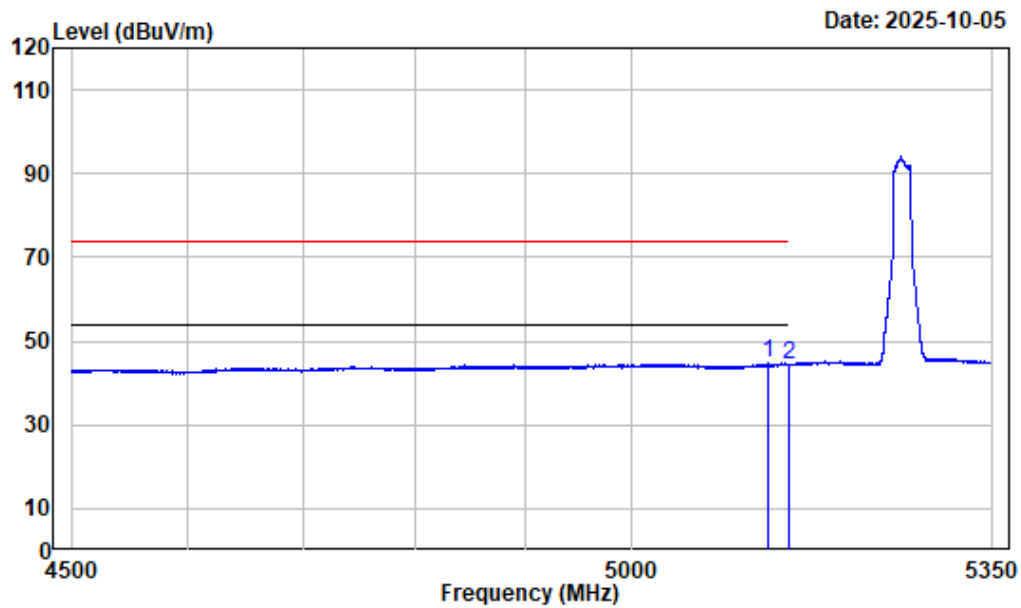
Left Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5260

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 4891.850  | -7.55 | 65.29 | 57.74  | 74.00  | -16.26 | Peak   |
| 2 5150.000  | -7.46 | 63.12 | 55.66  | 74.00  | -18.34 | Peak   |

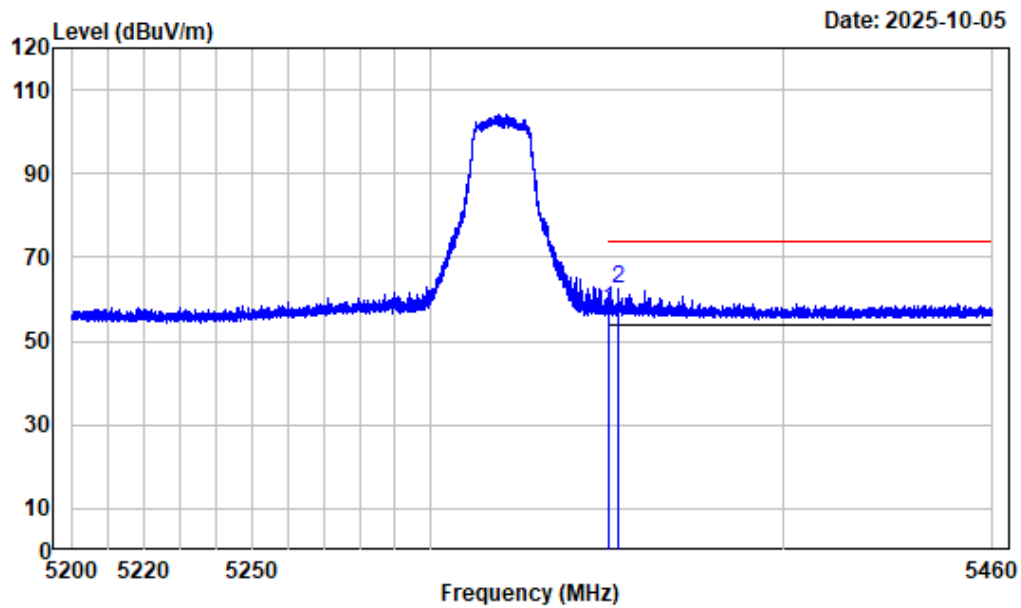
## Left Band edge\_Vertical\_Average\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5129.531 | -7.47 | 52.15 | 44.68  | 54.00  | -9.32 Average |
| 2           | 5150.000 | -7.46 | 51.80 | 44.34  | 54.00  | -9.66 Average |

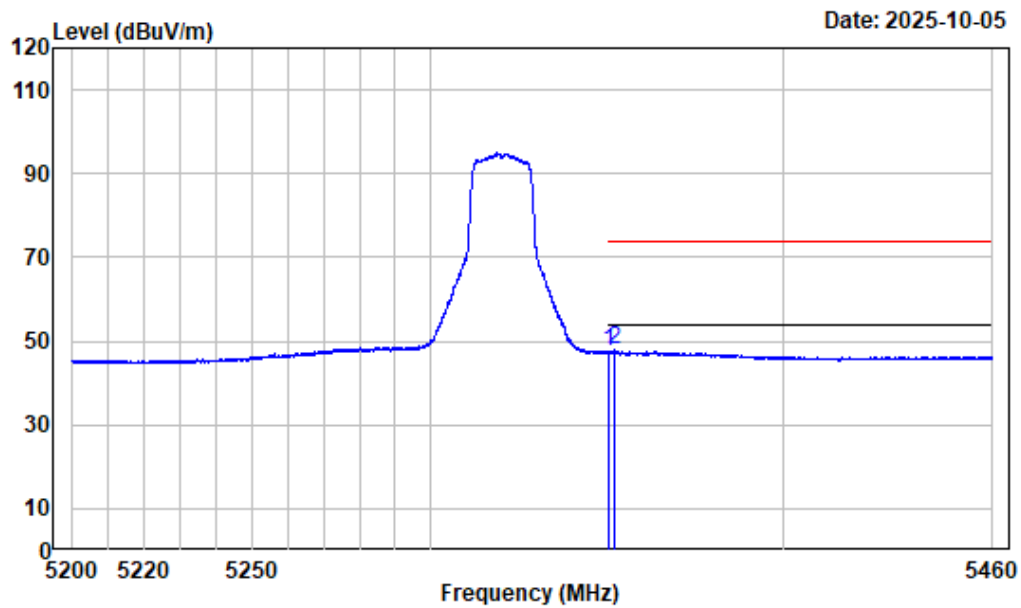
## Right Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 64.17 | 57.43  | 74.00  | -16.57 Peak |
| 2           | 5352.685 | -6.73 | 69.09 | 62.36  | 74.00  | -11.64 Peak |

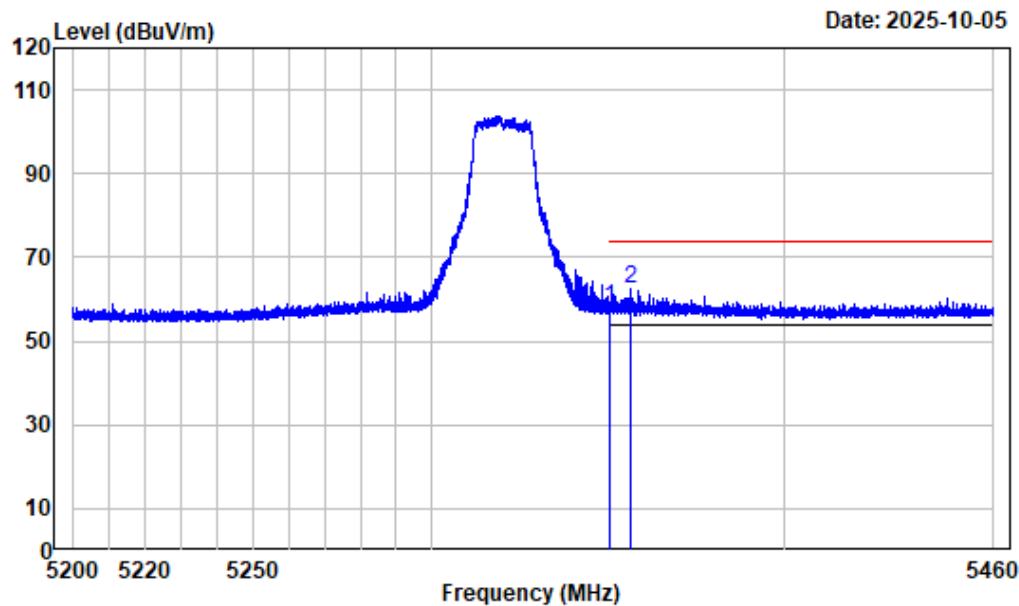
## Right Band edge\_Horizontal\_Average\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 54.14 | 47.40  | 54.00  | -6.60 Average |
| 2           | 5351.645 | -6.74      | 54.53 | 47.79  | 54.00  | -6.21 Average |

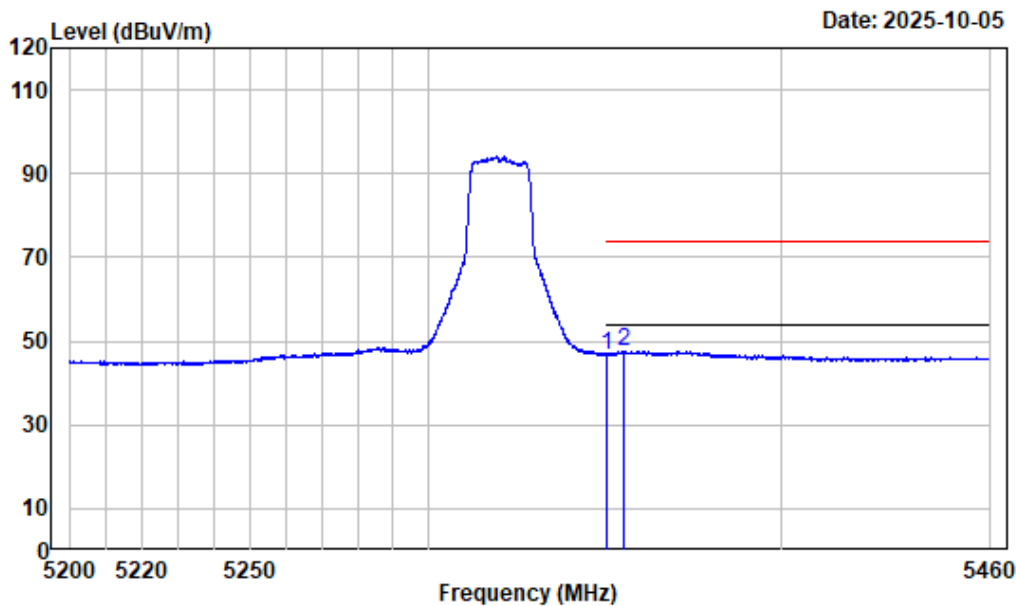
Right Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 64.76 | 58.02  | 74.00  | -15.98 Peak |
| 2           | 5356.033 | -6.73 | 69.39 | 62.66  | 74.00  | -11.34 Peak |

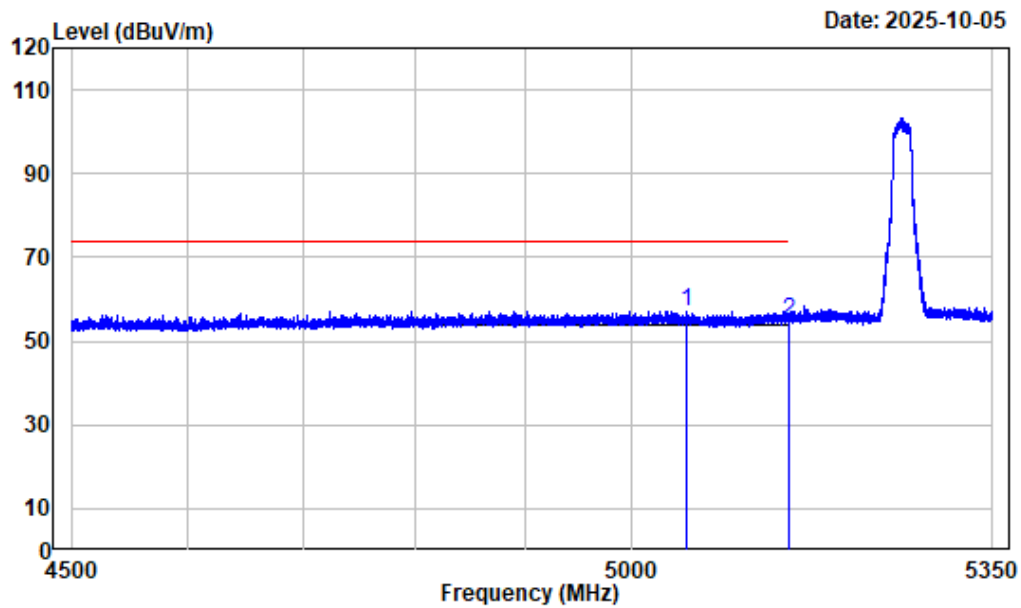
Right Band edge\_Vertical\_Average\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 53.45 | 46.71  | 54.00  | -7.29 Average |
| 2           | 5354.960 | -6.73      | 54.34 | 47.61  | 54.00  | -6.39 Average |

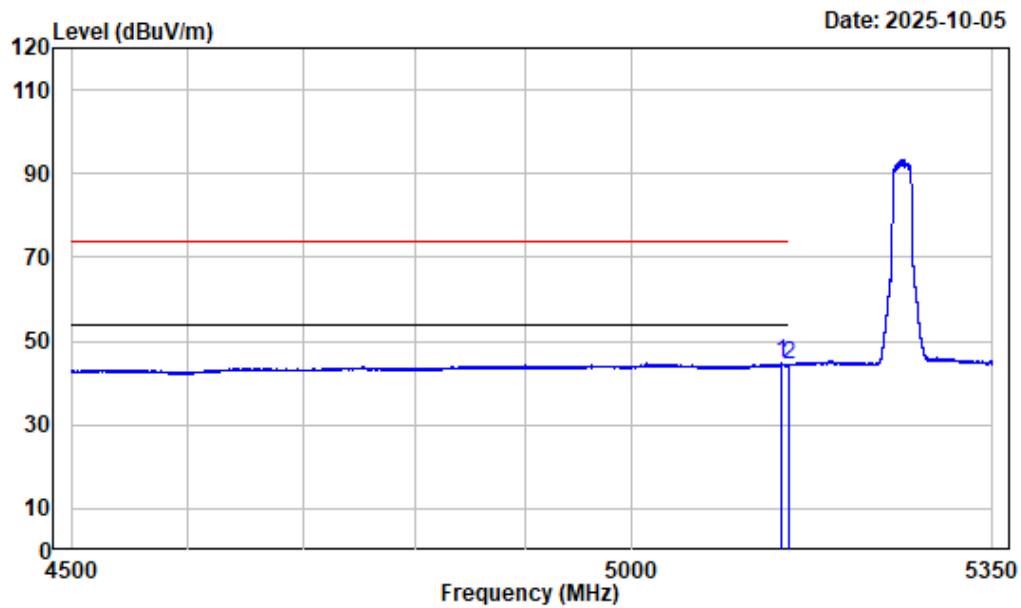
## Left Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5051.650 | -7.32 | 64.56 | 57.24  | 74.00  | -16.76 Peak |
| 2           | 5150.000 | -7.46 | 62.39 | 54.93  | 74.00  | -19.07 Peak |

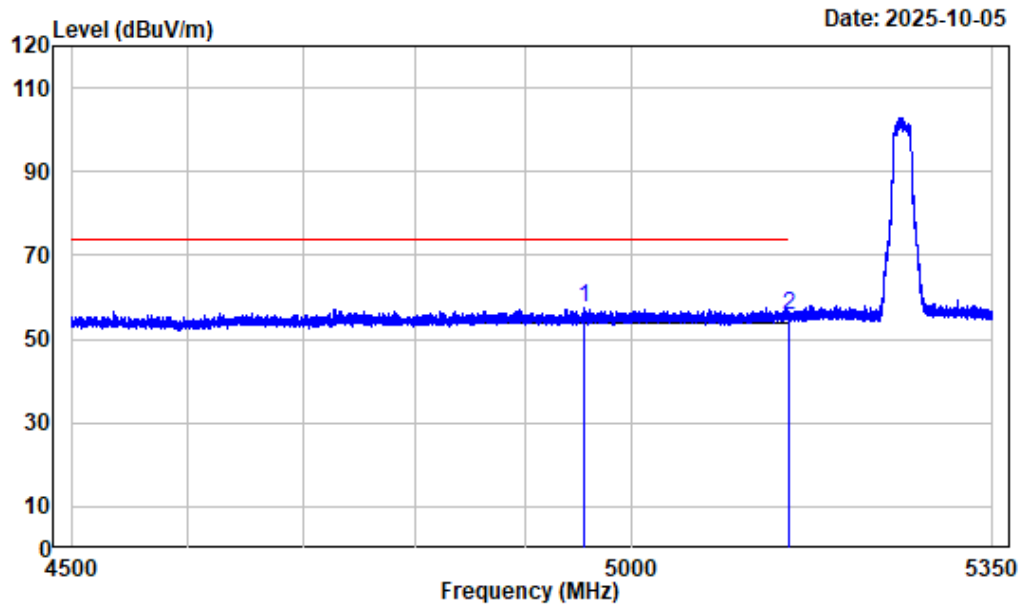
## Left Band edge\_Horizontal\_Average\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5142.600 | -7.46 | 52.28 | 44.82  | 54.00  | -9.18 Average |
| 2           | 5150.000 | -7.46 | 51.75 | 44.29  | 54.00  | -9.71 Average |

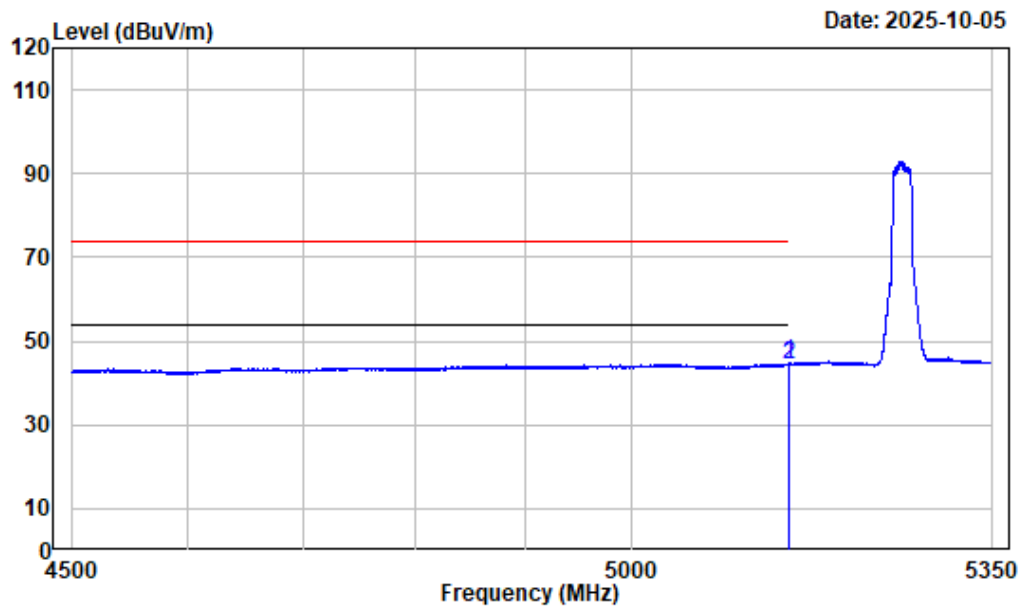
## Left Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 4955.388 | -7.61 | 65.10 | 57.49  | 74.00  | -16.51 Peak |
| 2           | 5150.000 | -7.46 | 63.12 | 55.66  | 74.00  | -18.34 Peak |

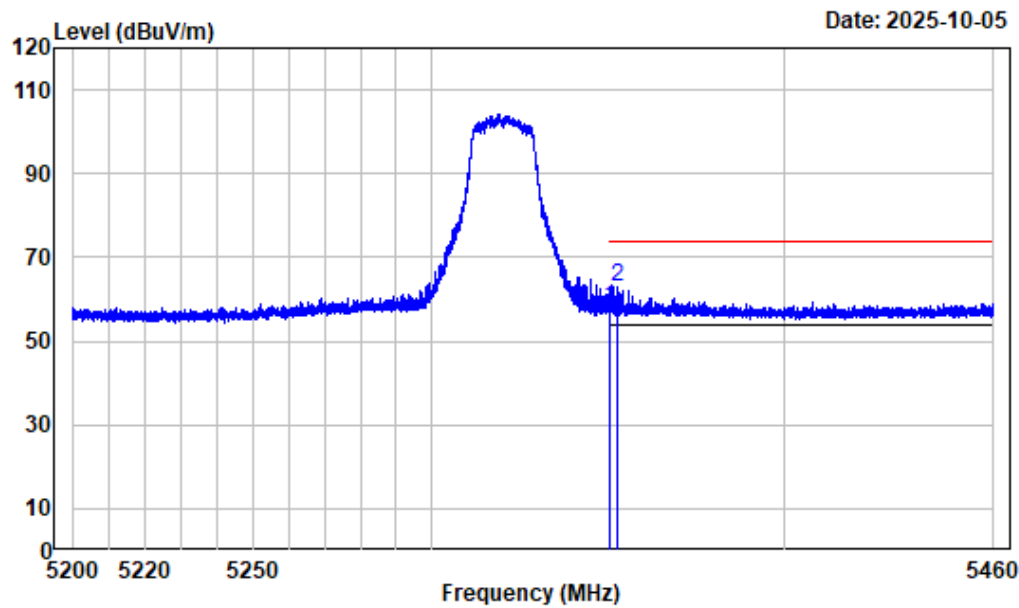
## Left Band edge\_Vertical\_Average\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5260

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5149.825 | -7.46 | 52.08 | 44.62  | 54.00  | -9.38 Average |
| 2           | 5150.000 | -7.46 | 51.65 | 44.19  | 54.00  | -9.81 Average |

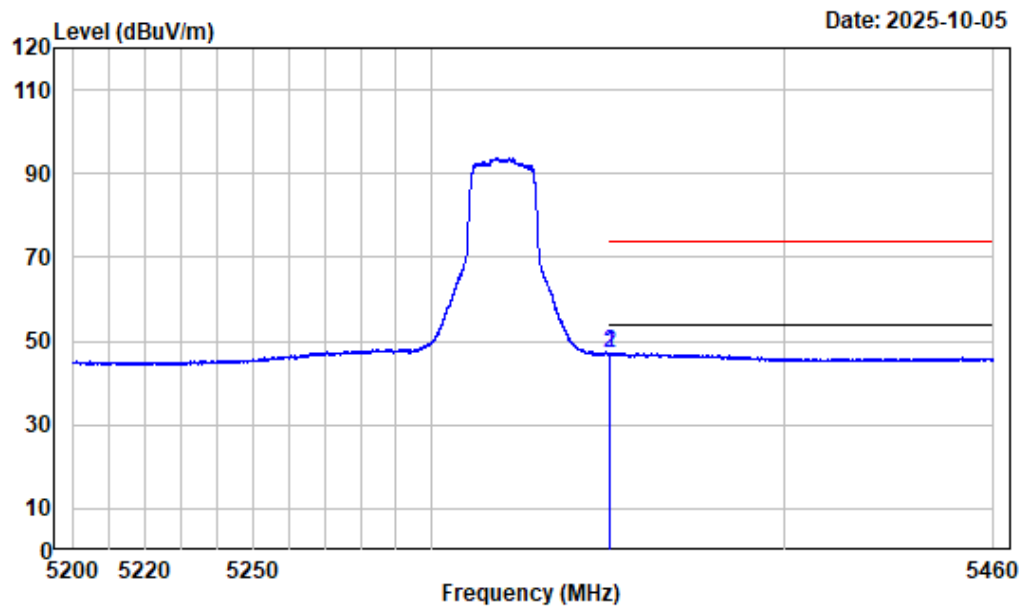
Right Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 64.62 | 57.88  | 74.00  | -16.12 Peak |
| 2           | 5352.360 | -6.74 | 69.74 | 63.00  | 74.00  | -11.00 Peak |

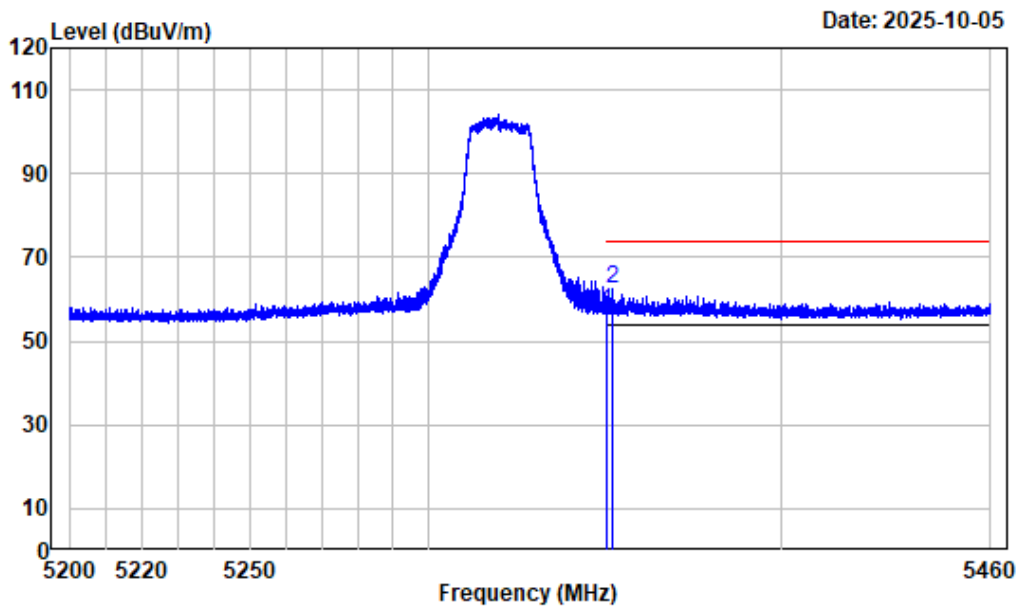
Right Band edge\_Horizontal\_Average\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m |               |
| 1           | 5350.000 | -6.74      | 53.76 | 47.02  | 54.00  | -6.98 Average |
| 2           | 5350.053 | -6.74      | 53.88 | 47.14  | 54.00  | -6.86 Average |

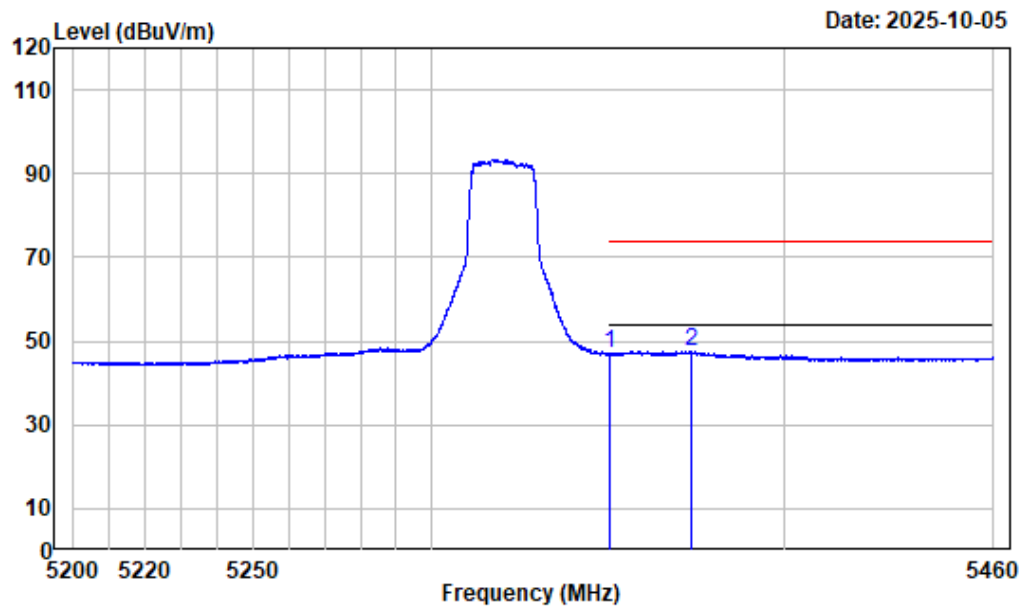
Right Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 63.58 | 56.84  | 74.00  | -17.16 Peak |
| 2           | 5351.515 | -6.74 | 69.42 | 62.68  | 74.00  | -11.32 Peak |

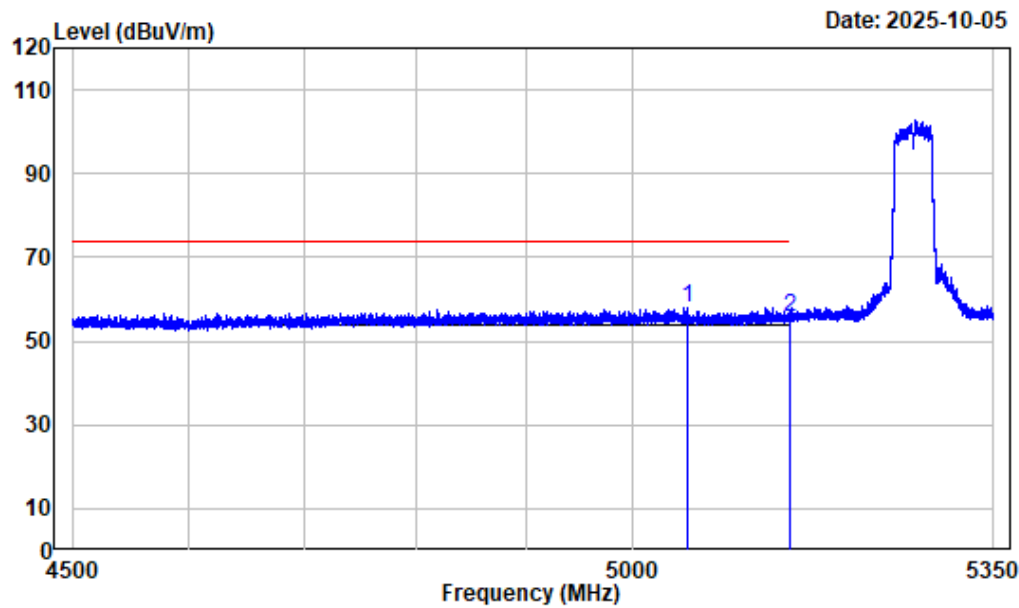
Right Band edge\_Vertical\_Average\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 53.69 | 46.95  | 54.00  | -7.05 Average |
| 2           | 5373.127 | -6.66      | 54.16 | 47.50  | 54.00  | -6.50 Average |

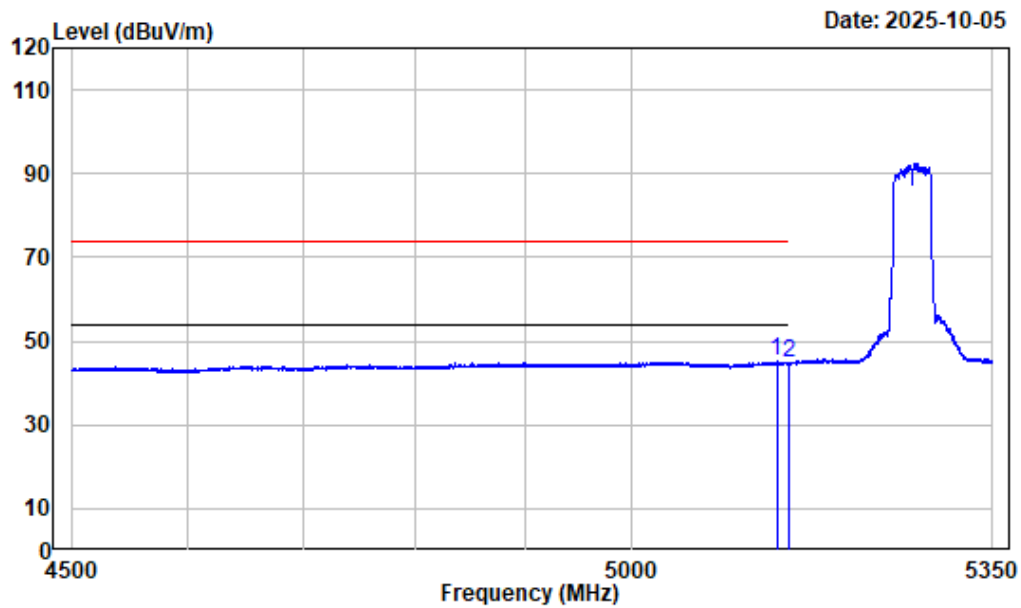
Left Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5270

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5051.013 | -7.31 | 65.49 | 58.18  | 74.00  | -15.82 Peak |
| 2           | 5150.000 | -7.46 | 63.33 | 55.87  | 74.00  | -18.13 Peak |

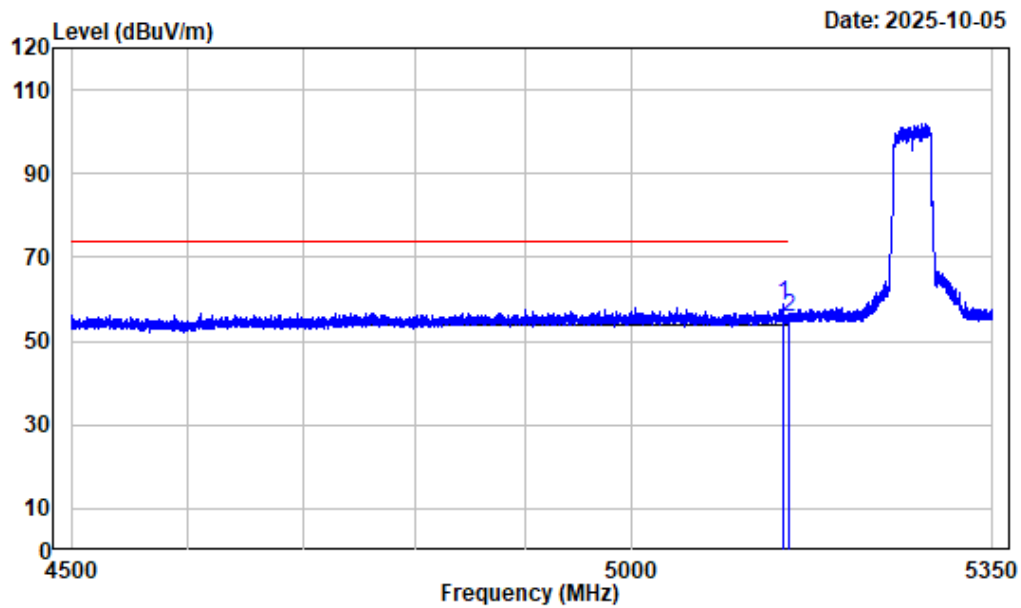
## Left Band edge\_Horizontal\_Average\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5270

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5137.500 | -7.46 | 52.57 | 45.11  | 54.00  | -8.89 Average |
| 2           | 5150.000 | -7.46 | 52.12 | 44.66  | 54.00  | -9.34 Average |

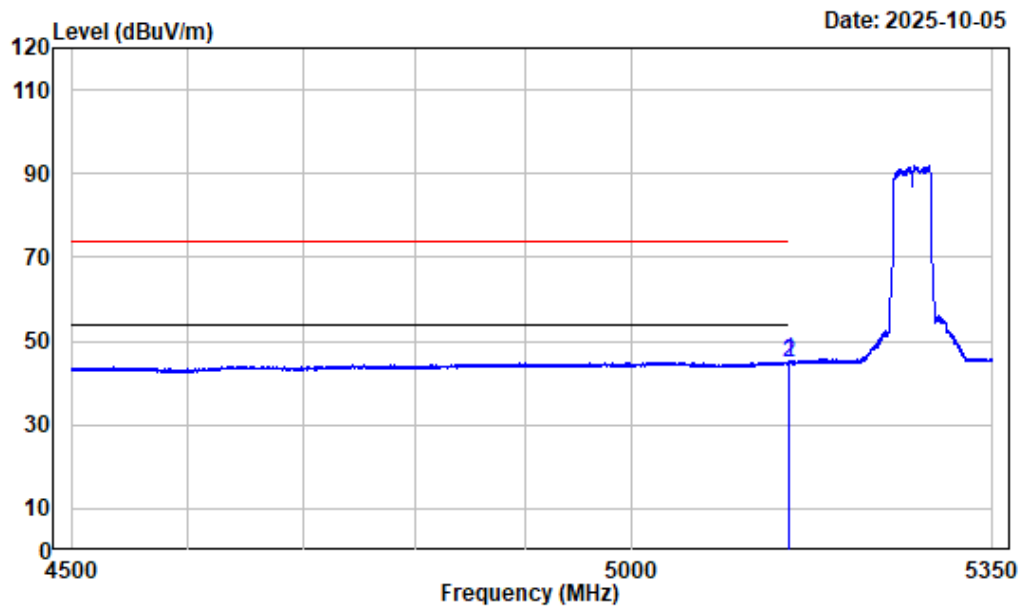
## Left Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5270

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5143.875 | -7.46 | 66.49 | 59.03  | 74.00  | -14.97 Peak |
| 2           | 5150.000 | -7.46 | 63.17 | 55.71  | 74.00  | -18.29 Peak |

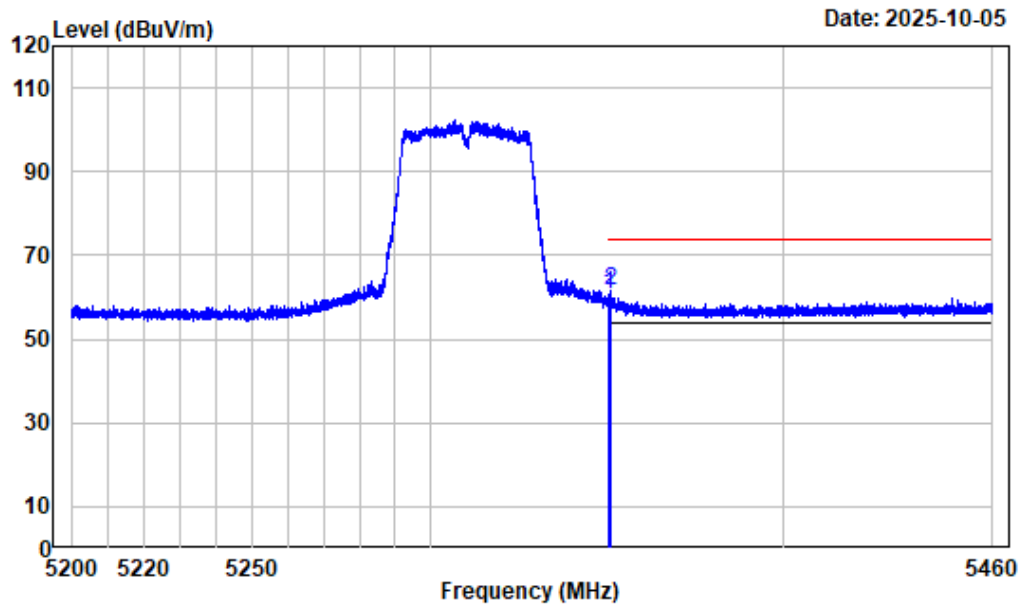
## Left Band edge\_Vertical\_Average\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5270

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5149.188 | -7.46 | 52.52 | 45.06  | 54.00  | -8.94 Average |
| 2           | 5150.000 | -7.46 | 52.35 | 44.89  | 54.00  | -9.11 Average |

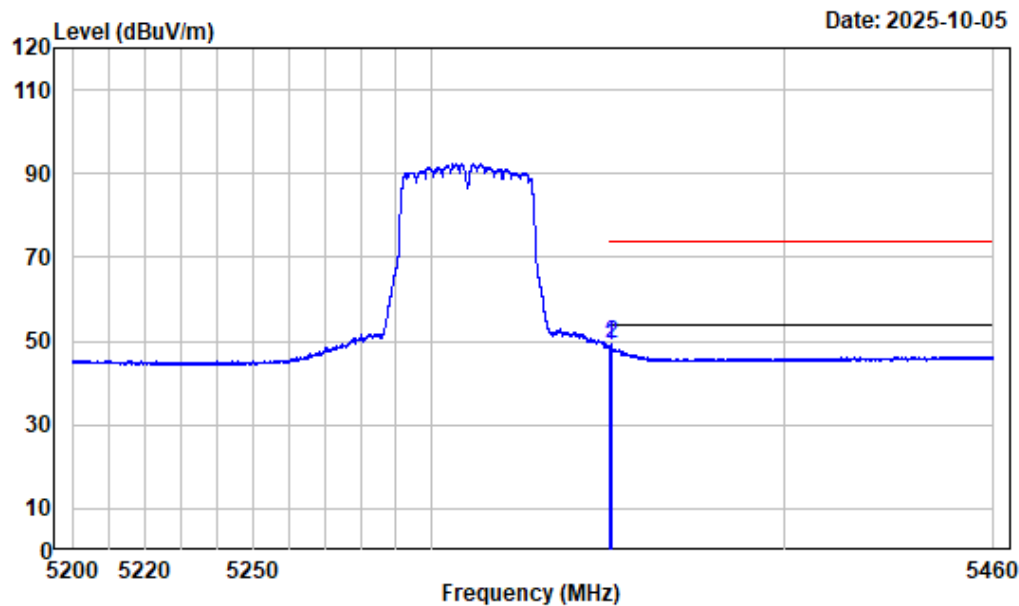
## Right Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 67.55 | 60.81  | 74.00  | -13.19 Peak |
| 2           | 5350.572 | -6.74 | 68.43 | 61.69  | 74.00  | -12.31 Peak |

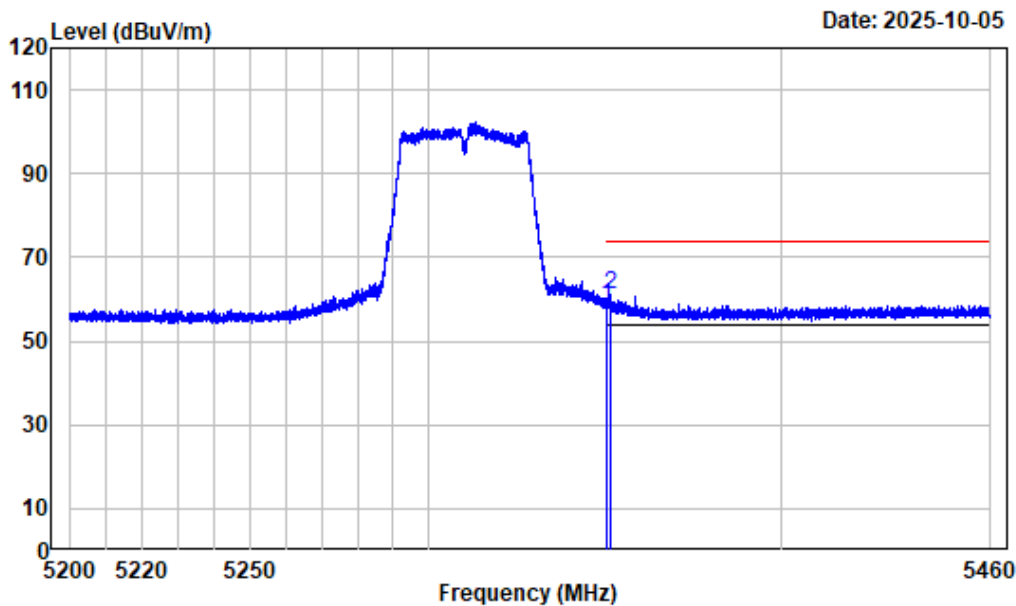
Right Band edge\_Horizontal\_Average\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 55.64 | 48.90  | 54.00  | -5.10 Average |
| 2           | 5350.670 | -6.74      | 55.97 | 49.23  | 54.00  | -4.77 Average |

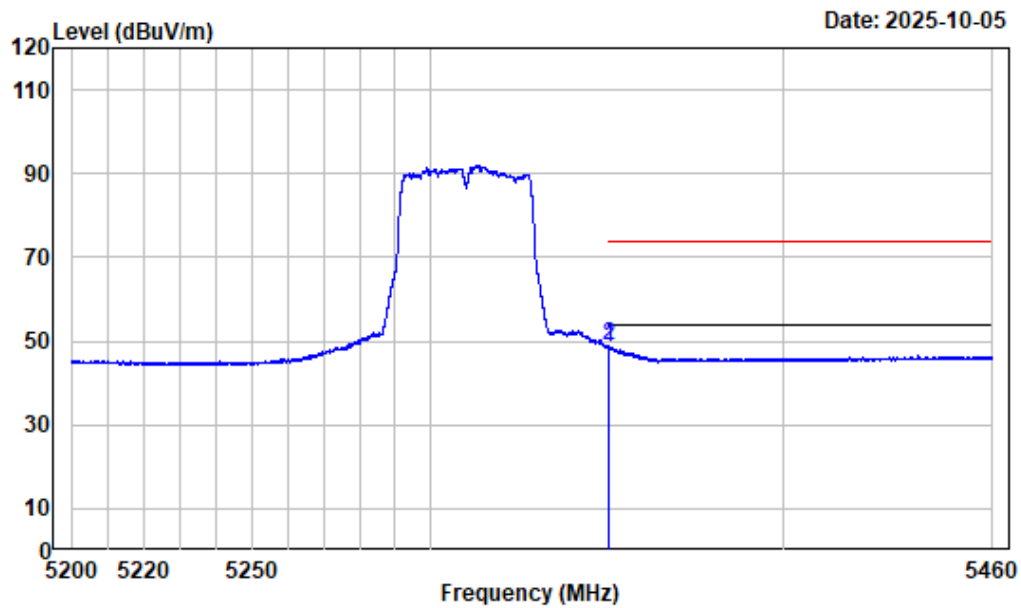
Right Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 65.27 | 58.53  | 74.00  | -15.47 Peak |
| 2           | 5351.320 | -6.74 | 67.92 | 61.18  | 74.00  | -12.82 Peak |

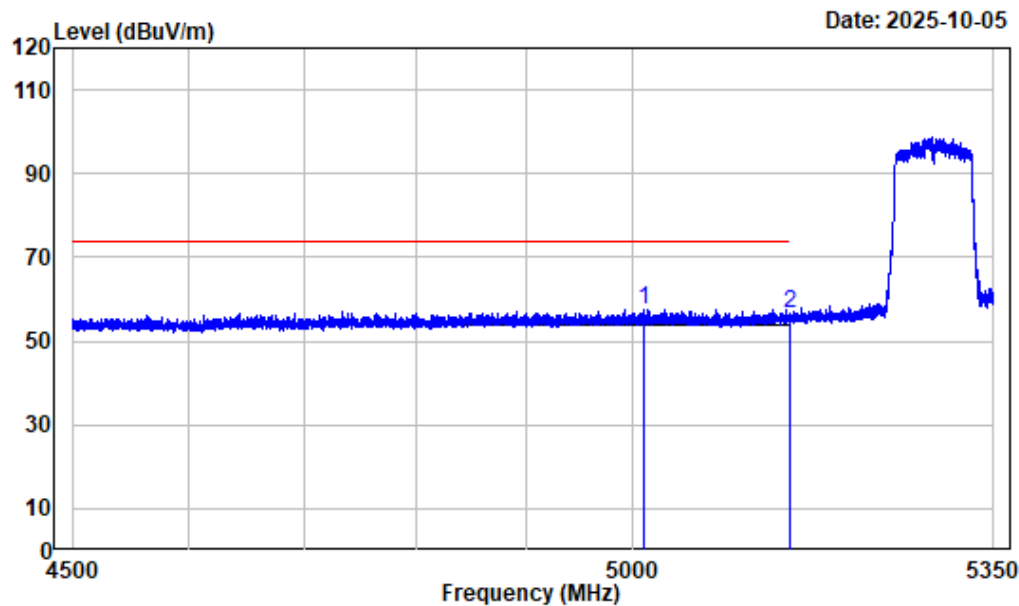
## Right Band edge\_Vertical\_Average\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74 | 55.11 | 48.37  | 54.00  | -5.63 Average |
| 2           | 5350.085 | -6.74 | 55.47 | 48.73  | 54.00  | -5.27 Average |

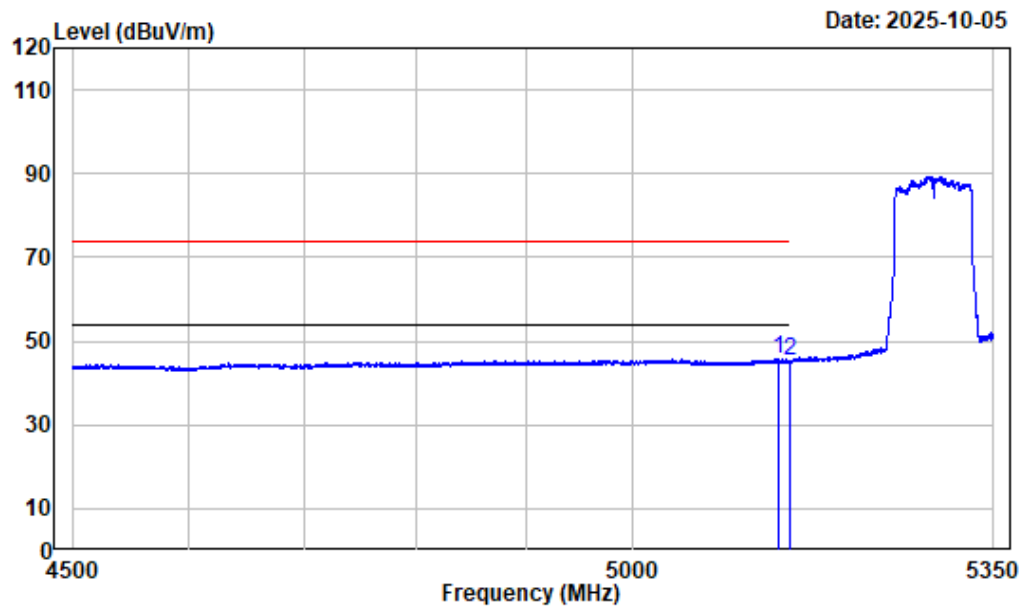
Left Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5010.638 | -7.34 | 65.04 | 57.70  | 74.00  | -16.30 Peak |
| 2           | 5150.000 | -7.46 | 63.95 | 56.49  | 74.00  | -17.51 Peak |

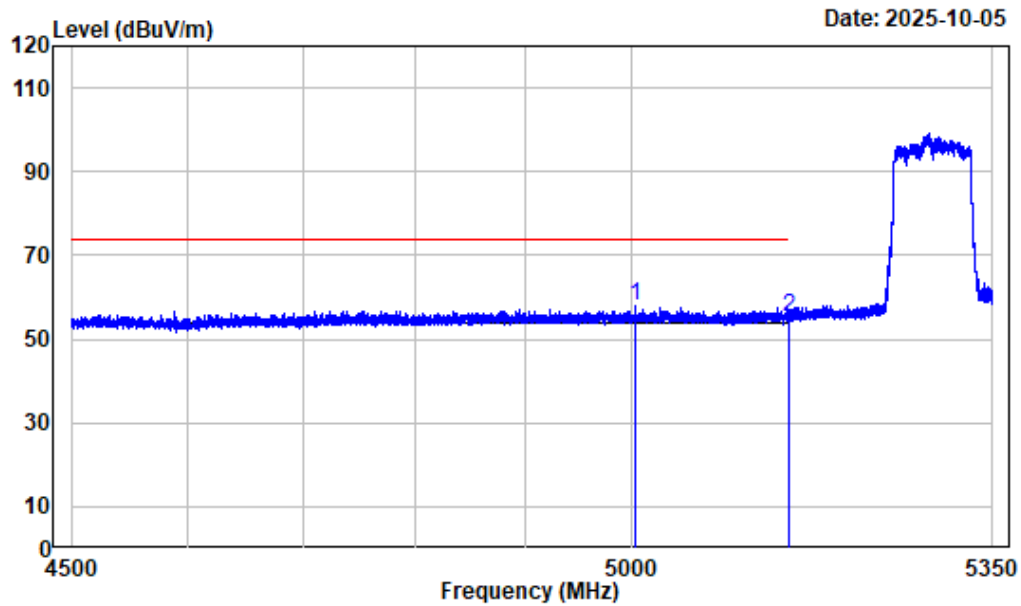
Left Band edge\_Horizontal\_Average\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |        | Limit  | Over  | Remark        |
|-------------|----------|-------|--------|--------|-------|---------------|
| MHz         | dB/m     | Level | Level  | Line   | Limit |               |
|             |          | dBuV  | dBuV/m | dBuV/m | dB    |               |
| 1           | 5138.563 | -7.46 | 53.35  | 45.89  | 54.00 | -8.11 Average |
| 2           | 5150.000 | -7.46 | 52.70  | 45.24  | 54.00 | -8.76 Average |

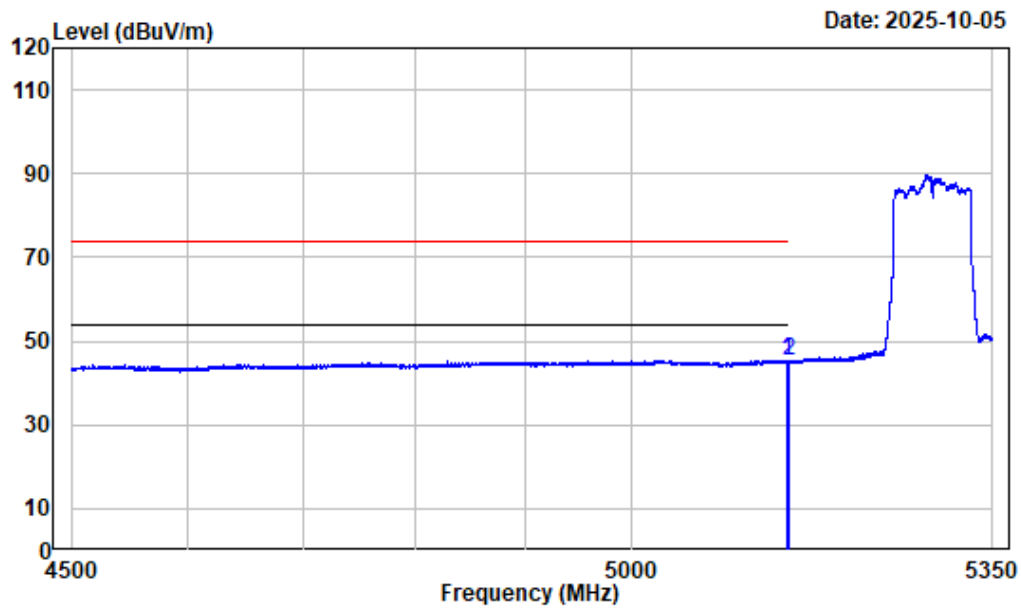
## Left Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5003.625 | -7.34 | 65.22 | 57.88  | 74.00  | -16.12 Peak |
| 2           | 5150.000 | -7.46 | 62.80 | 55.34  | 74.00  | -18.66 Peak |

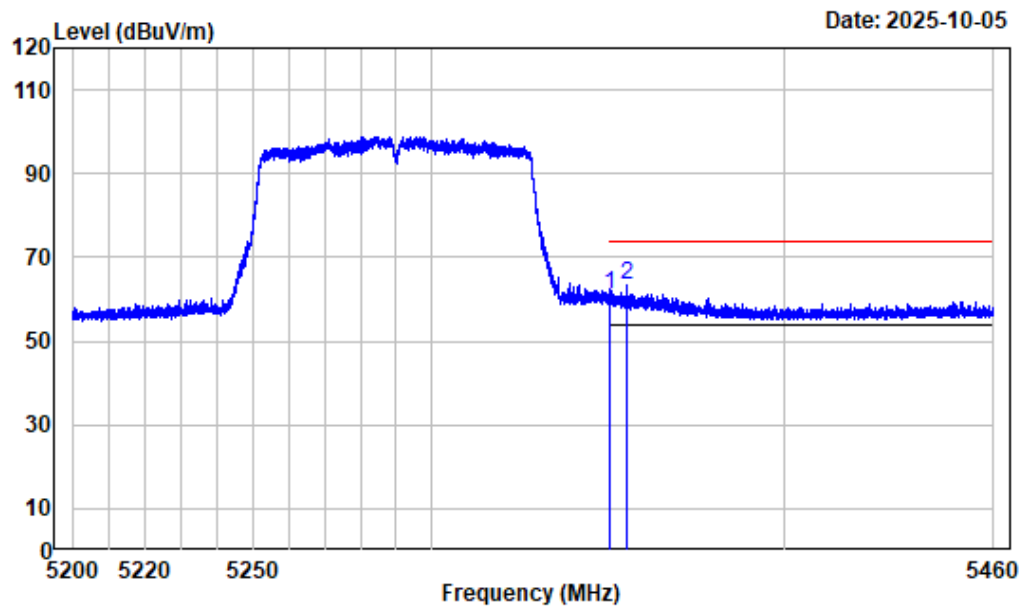
## Left Band edge\_Vertical\_Average\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |       | Limit  | Over   | Remark        |
|-------------|----------|-------|-------|--------|--------|---------------|
|             |          | Level | Level | Line   | Limit  |               |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5147.806 | -7.46 | 52.86 | 45.40  | 54.00  | -8.60 Average |
| 2           | 5150.000 | -7.46 | 52.55 | 45.09  | 54.00  | -8.91 Average |

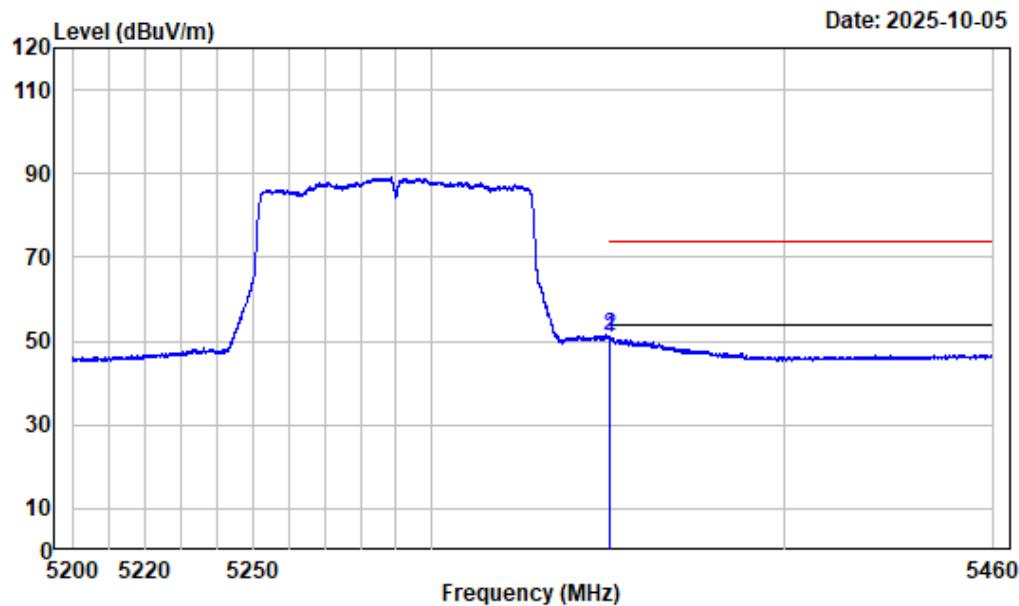
Right Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 67.88 | 61.14  | 74.00  | -12.86 Peak |
| 2           | 5354.928 | -6.73 | 69.92 | 63.19  | 74.00  | -10.81 Peak |

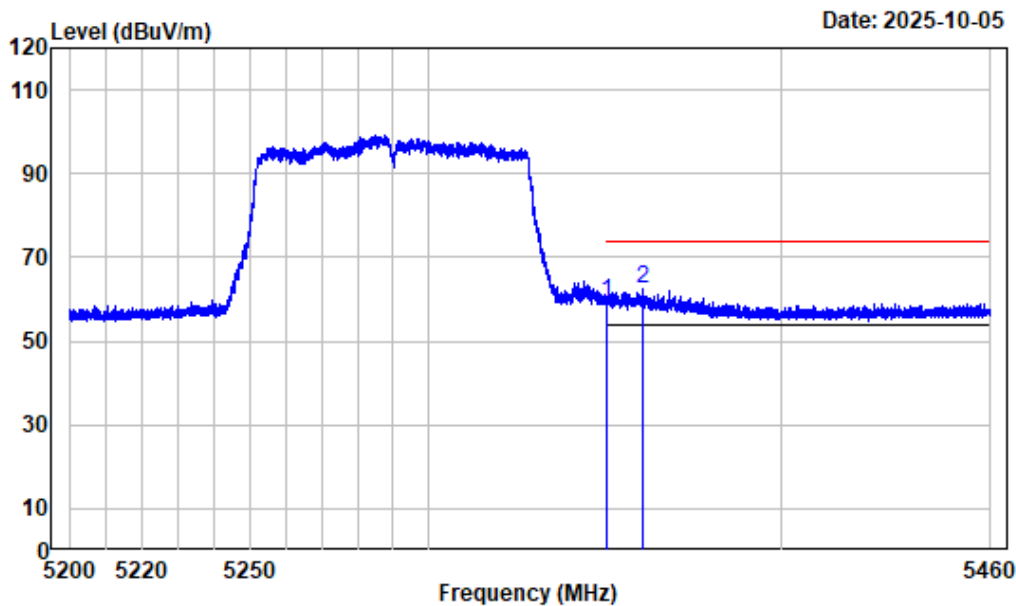
Right Band edge\_Horizontal\_Average\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark        |
|-------------|----------|------------|-------|--------|--------|---------------|
|             |          |            |       | Line   | Limit  |               |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB            |
| 1           | 5350.000 | -6.74      | 57.43 | 50.69  | 54.00  | -3.31 Average |
| 2           | 5350.118 | -6.74      | 57.72 | 50.98  | 54.00  | -3.02 Average |

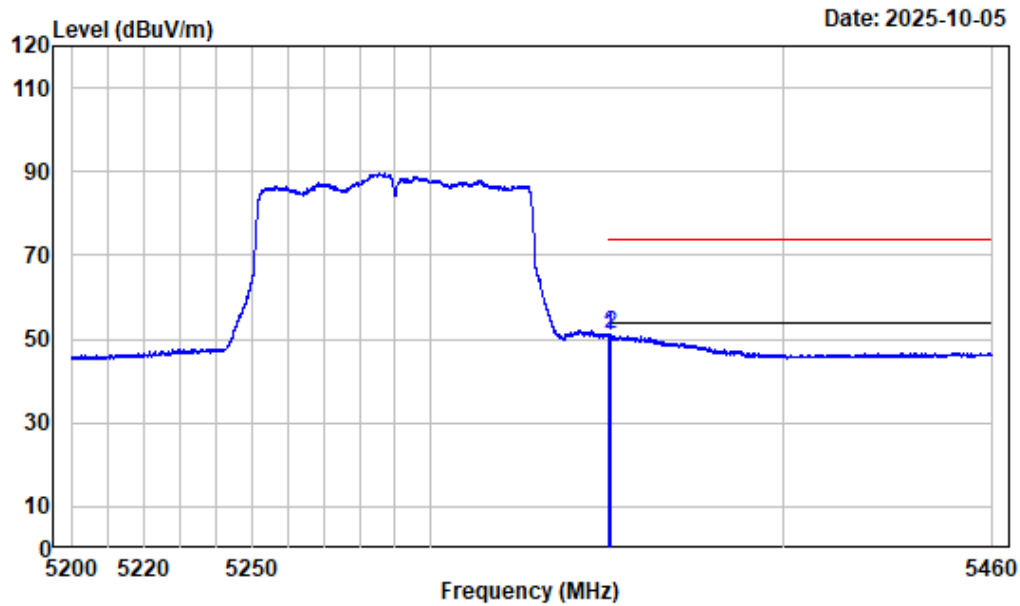
Right Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5350.000 | -6.74 | 66.19 | 59.45  | 74.00  | -14.55 Peak |
| 2           | 5360.257 | -6.71 | 69.13 | 62.42  | 74.00  | -11.58 Peak |

## Right Band edge\_Vertical\_Average\_802.11ac80-B2

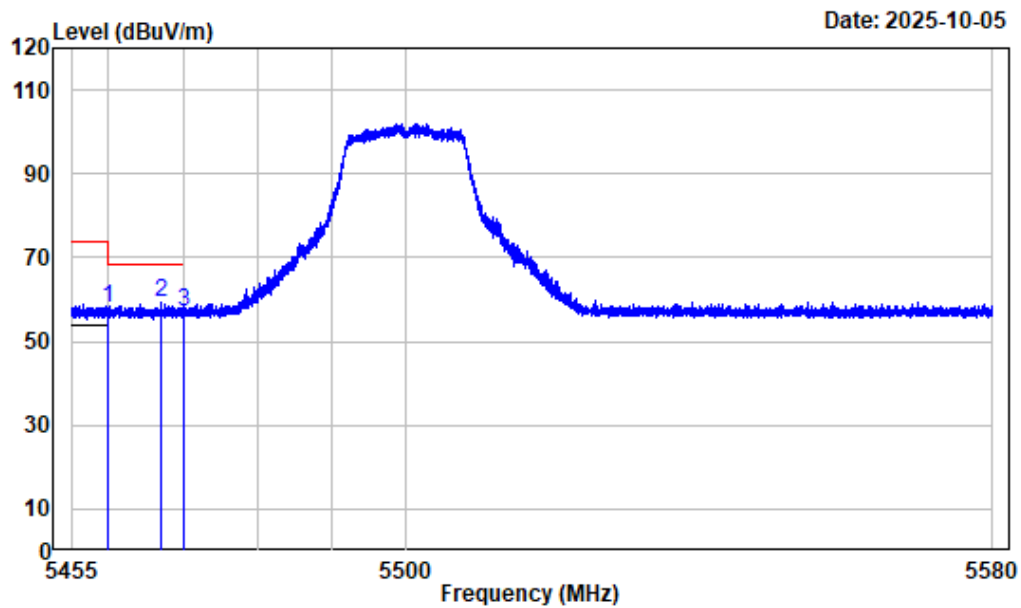


Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
|             |       |            |        | Line   | Limit |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 5350.000  | -6.74 | 57.61      | 50.87  | 54.00  | -3.13 | Average |
| 2 5350.475  | -6.74 | 57.72      | 50.98  | 54.00  | -3.02 | Average |

**5470-5725MHz:**

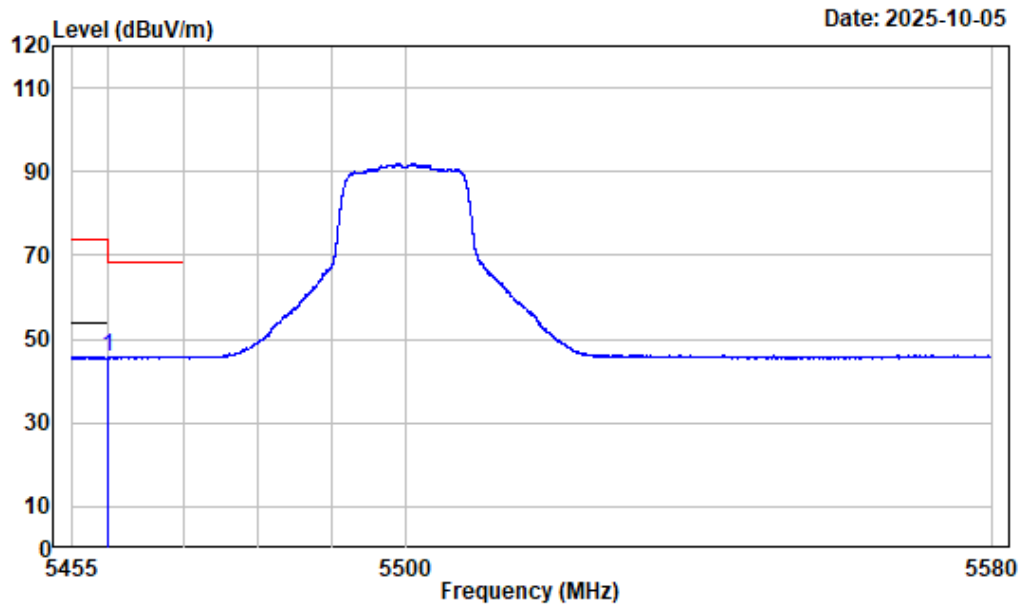
Left Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

|             |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| Freq Factor |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5460.000  | -6.29 | 64.21 | 57.92  | 74.00  | -16.08 | Peak   |
| 2 5467.063  | -6.27 | 65.37 | 59.10  | 68.20  | -9.10  | Peak   |
| 3 5470.000  | -6.26 | 63.45 | 57.19  | 68.20  | -11.01 | Peak   |

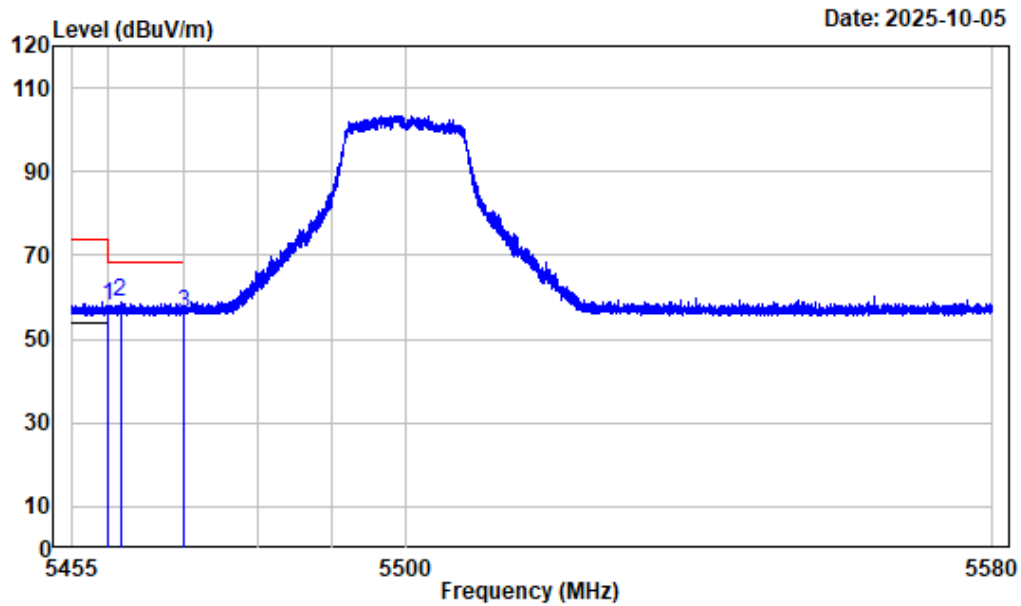
## Left Band edge\_Horizontal\_Average\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 5460.000  | -6.29 | 51.86      | 45.57  | 54.00      | -8.43      | Average |

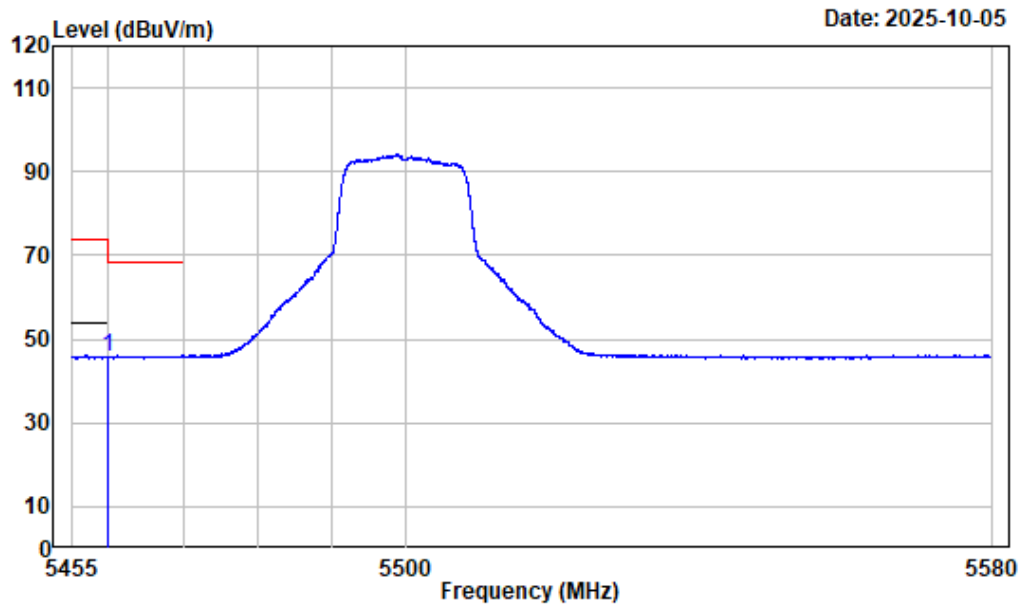
## Left Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5460.000  | -6.29 | 64.03 | 57.74  | 74.00  | -16.26 Peak |
| 2 5461.578  | -6.29 | 64.95 | 58.66  | 68.20  | -9.54 Peak  |
| 3 5470.000  | -6.26 | 62.50 | 56.24  | 68.20  | -11.96 Peak |

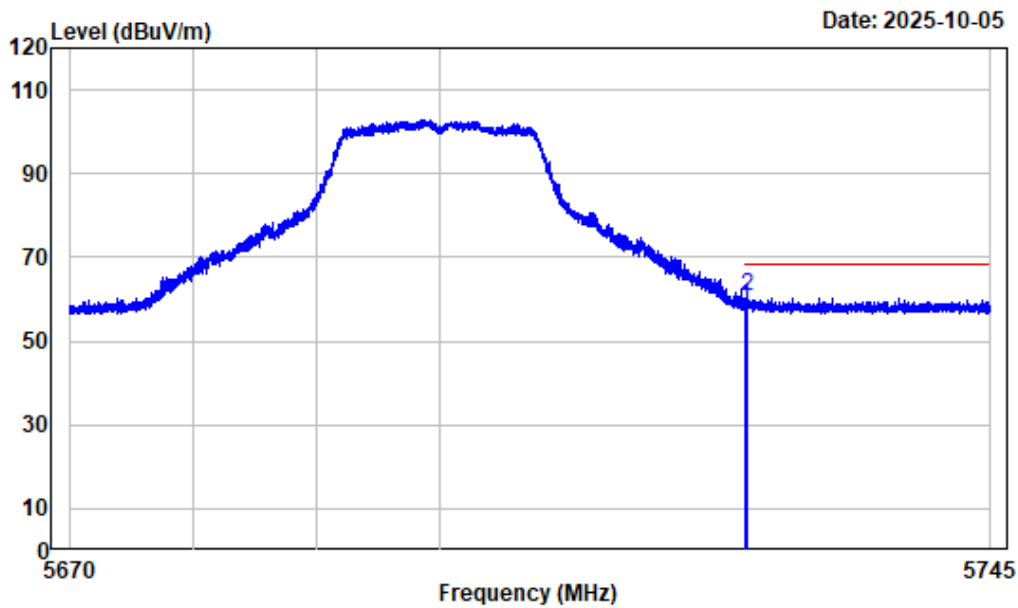
## Left Band edge\_Vertical\_Average\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read  | Limit  | Over   | Remark        |
|-------------|-------|-------|--------|--------|---------------|
|             |       | Level | Level  | Line   |               |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1 5460.000  | -6.29 | 52.05 | 45.76  | 54.00  | -8.24 Average |

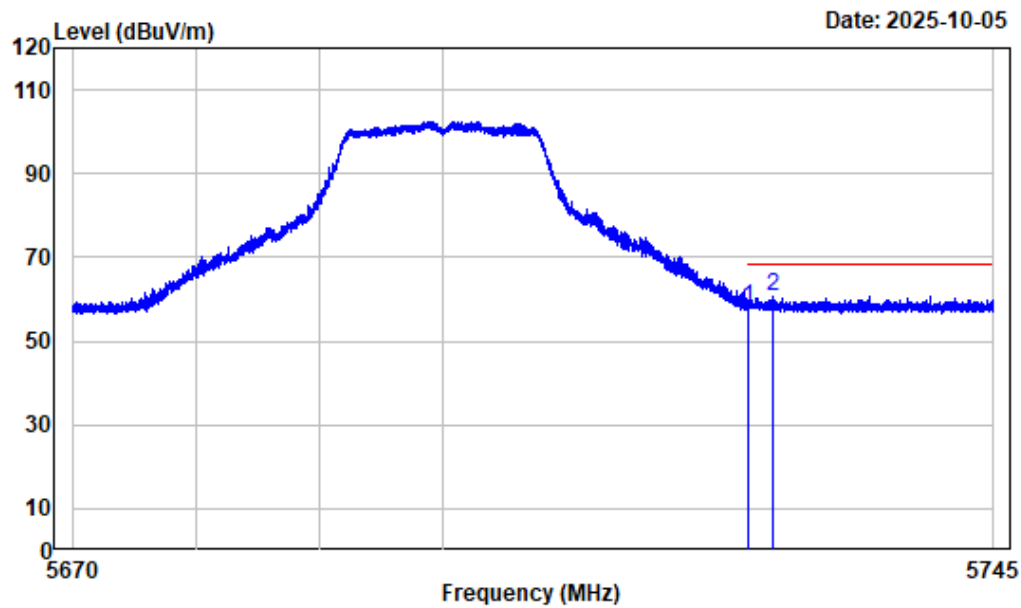
Right Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5700

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m |             |
| 1           | 5725.000 | -5.48 | 63.59 | 58.11  | 68.20  | -10.09 Peak |
| 2           | 5725.116 | -5.48 | 66.09 | 60.61  | 68.20  | -7.59 Peak  |

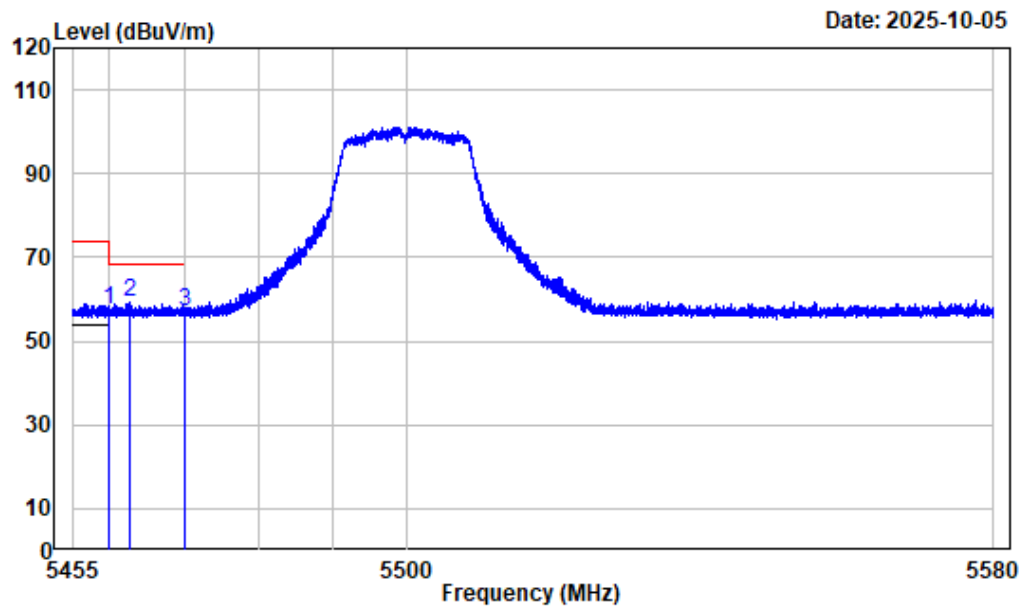
Right Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5700

| Freq Factor |          | Read  |       | Limit  | Over   | Remark      |
|-------------|----------|-------|-------|--------|--------|-------------|
|             |          | Level | Level | Line   | Limit  |             |
|             | MHz      | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5725.000 | -5.48 | 63.23 | 57.75  | 68.20  | -10.45 Peak |
| 2           | 5726.925 | -5.47 | 66.09 | 60.62  | 68.20  | -7.58 Peak  |

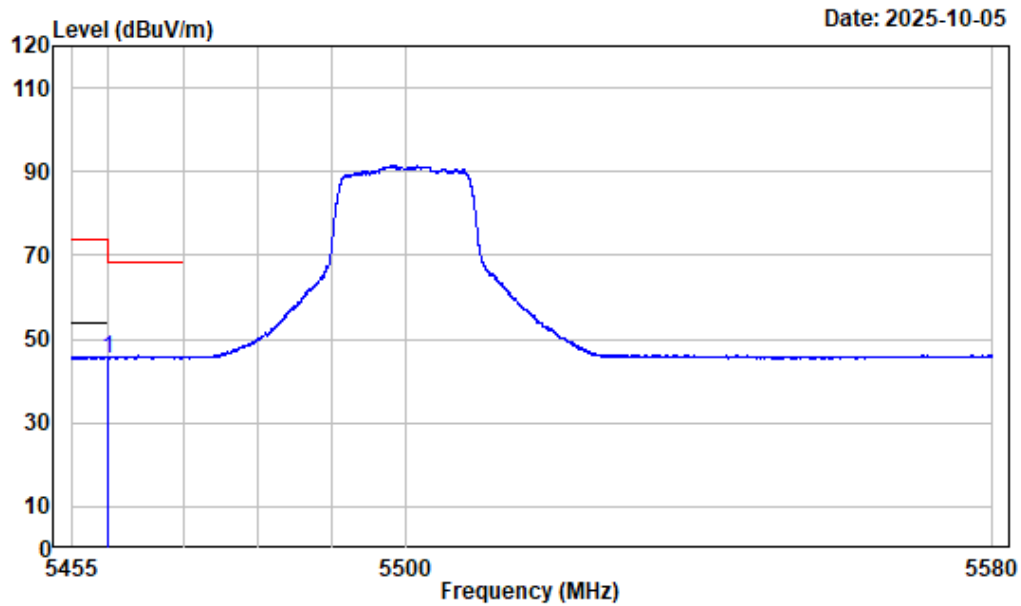
Left Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5500

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5460.000 | -6.29  | 63.67      | 57.38  | 74.00      | -16.62     | Peak   |
| 2 | 5462.641 | -6.28  | 65.80      | 59.52  | 68.20      | -8.68      | Peak   |
| 3 | 5470.000 | -6.26  | 63.15      | 56.89  | 68.20      | -11.31     | Peak   |

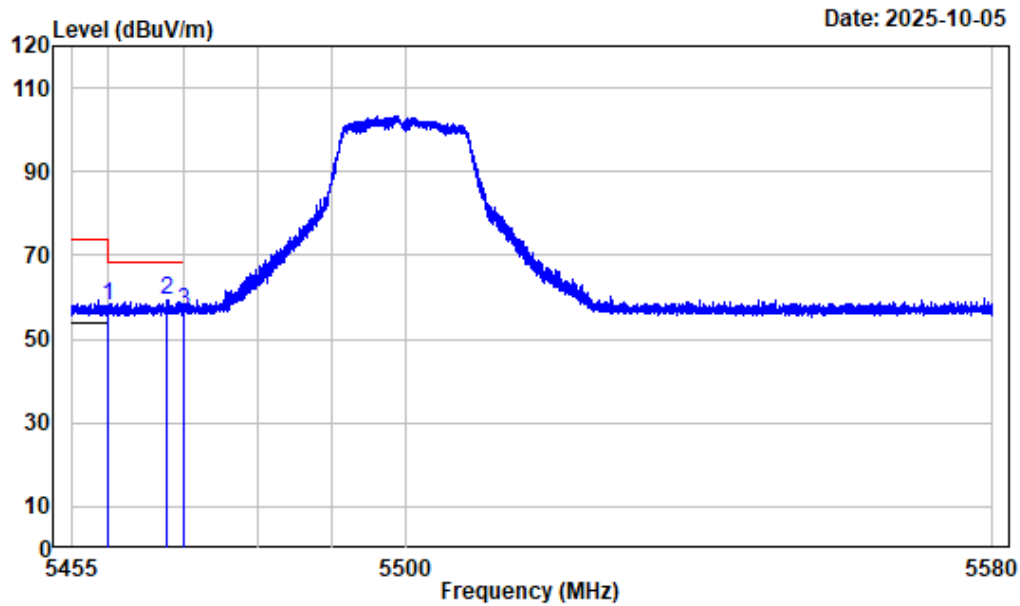
## Left Band edge\_Horizontal\_Average\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5500

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 5460.000  | -6.29 | 51.71      | 45.42  | 54.00      | -8.58      | Average |

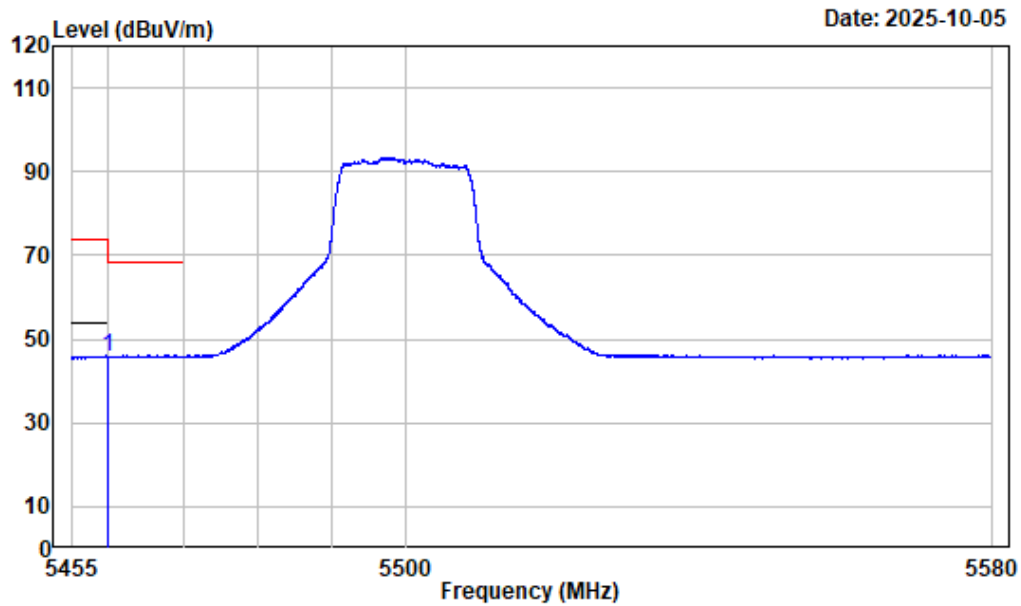
## Left Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5500

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5460.000  | -6.29 | 64.17 | 57.88  | 74.00  | -16.12 Peak |
| 2 5467.938  | -6.26 | 65.53 | 59.27  | 68.20  | -8.93 Peak  |
| 3 5470.000  | -6.26 | 62.94 | 56.68  | 68.20  | -11.52 Peak |

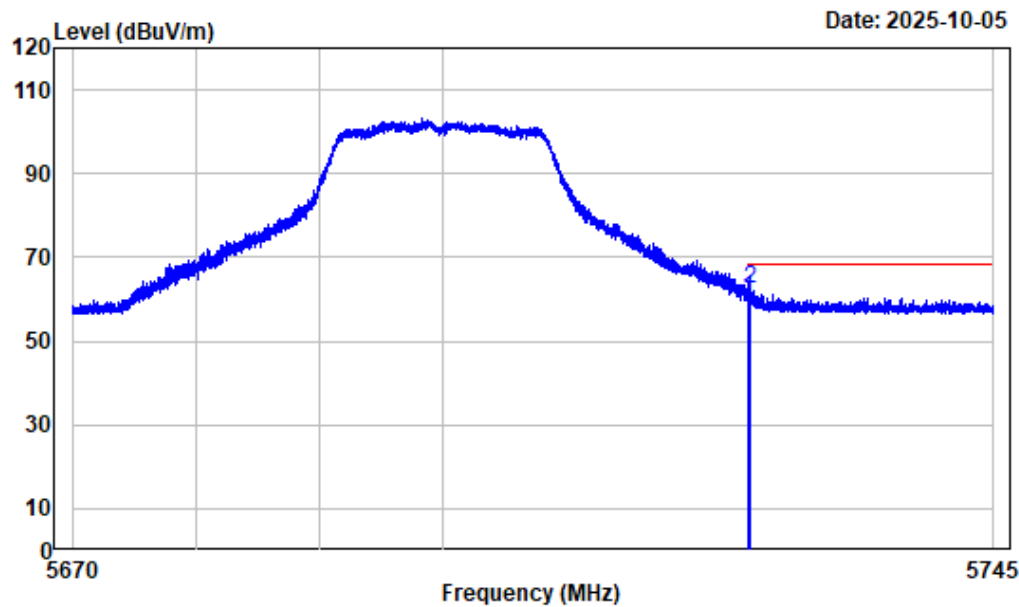
## Left Band edge\_Vertical\_Average\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5500

| Freq Factor |       | Read  | Limit  | Over   | Remark        |
|-------------|-------|-------|--------|--------|---------------|
|             |       | Level | Level  | Line   |               |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB            |
| 1 5460.000  | -6.29 | 52.05 | 45.76  | 54.00  | -8.24 Average |

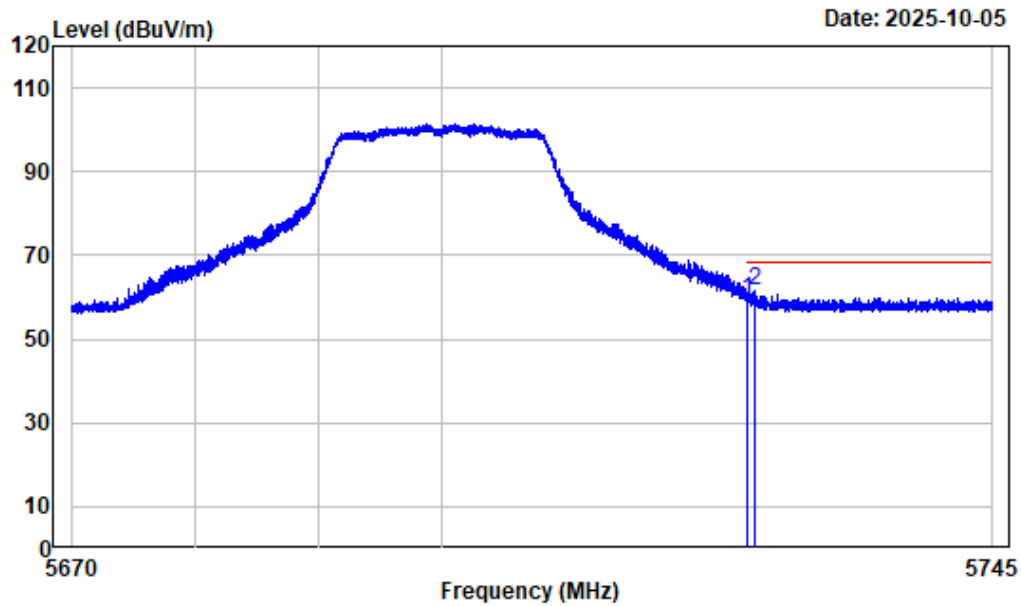
Right Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark     |
|-------------|----------|------------|--------|--------|-------|------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |            |
| 1           | 5725.000 | -5.48      | 65.85  | 60.37  | 68.20 | -7.83 Peak |
| 2           | 5725.050 | -5.48      | 67.78  | 62.30  | 68.20 | -5.90 Peak |

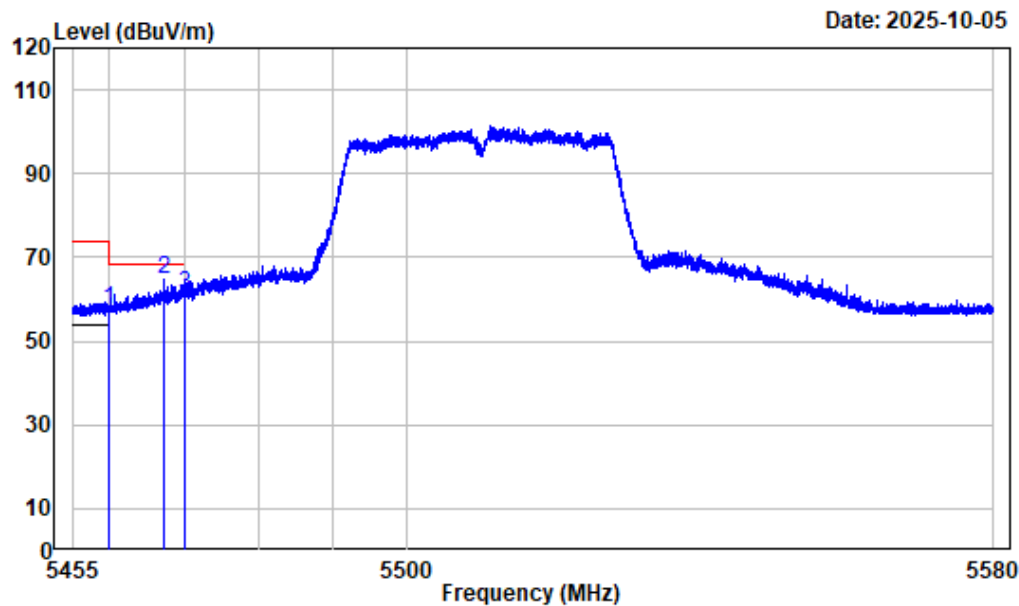
## Right Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

|   | Freq Factor |       | Read  |        | Limit  | Over  | Remark |
|---|-------------|-------|-------|--------|--------|-------|--------|
|   | MHz         | dB/m  | Level | Level  | Line   | Limit |        |
|   | MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB    |        |
| 1 | 5725.000    | -5.48 | 64.95 | 59.47  | 68.20  | -8.73 | Peak   |
| 2 | 5725.528    | -5.48 | 67.12 | 61.64  | 68.20  | -6.56 | Peak   |

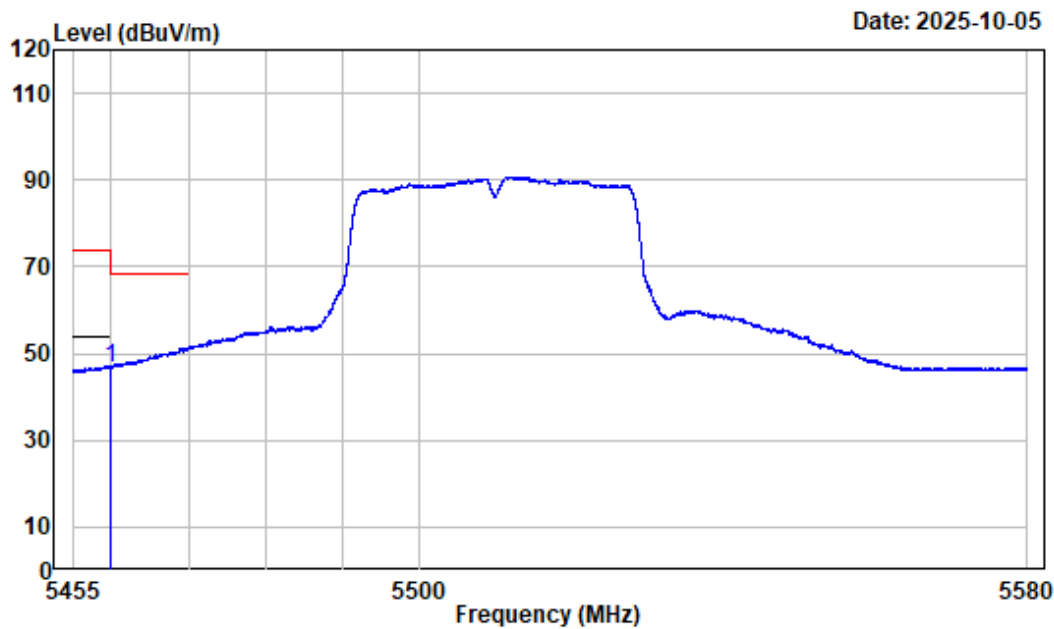
Left Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5510

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5460.000  | -6.29 | 63.71 | 57.42  | 74.00  | -16.58 Peak |
| 2 5467.391  | -6.27 | 70.83 | 64.56  | 68.20  | -3.64 Peak  |
| 3 5470.000  | -6.26 | 67.45 | 61.19  | 68.20  | -7.01 Peak  |

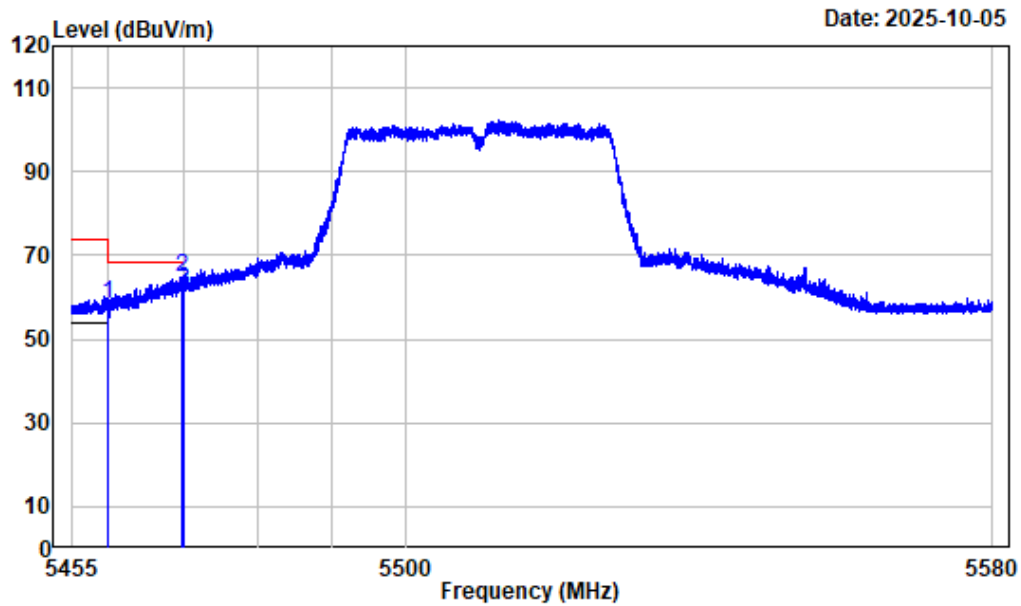
Left Band edge\_Horizontal\_Average\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5510

|            |        | Read  |        | Limit  | Over  | Remark  |
|------------|--------|-------|--------|--------|-------|---------|
| Freq       | Factor | Level | Level  | Line   | Limit |         |
| MHz        | dB/m   | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 5460.000 | -6.29  | 53.14 | 46.85  | 54.00  | -7.15 | Average |

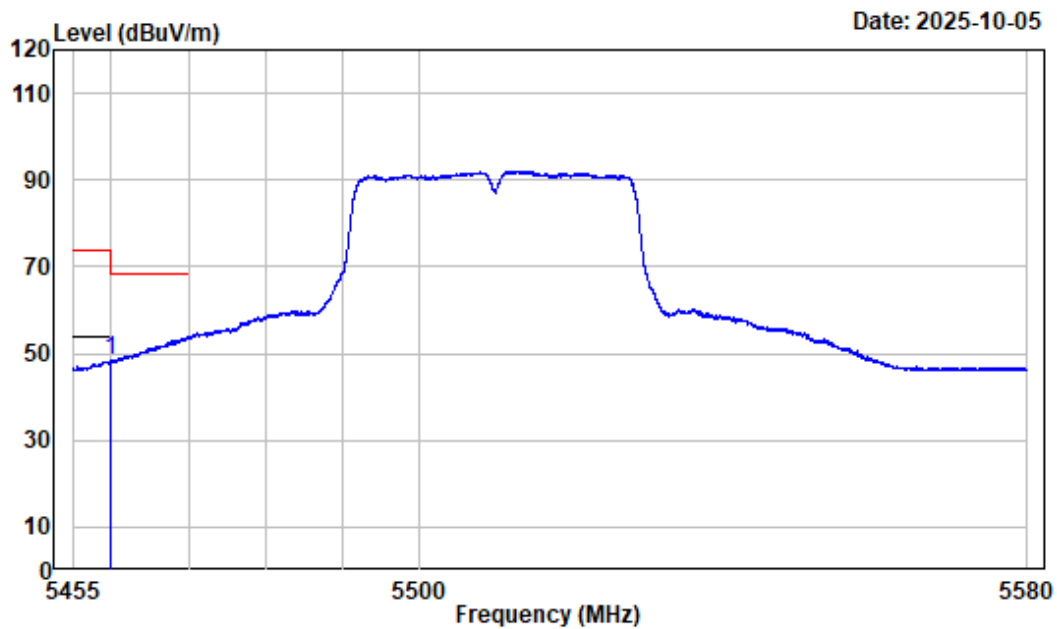
## Left Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5510

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5460.000 | -6.29  | 64.69      | 58.40  | 74.00      | -15.60     | Peak   |
| 2 | 5469.828 | -6.26  | 71.22      | 64.96  | 68.20      | -3.24      | Peak   |
| 3 | 5470.000 | -6.26  | 68.04      | 61.78  | 68.20      | -6.42      | Peak   |

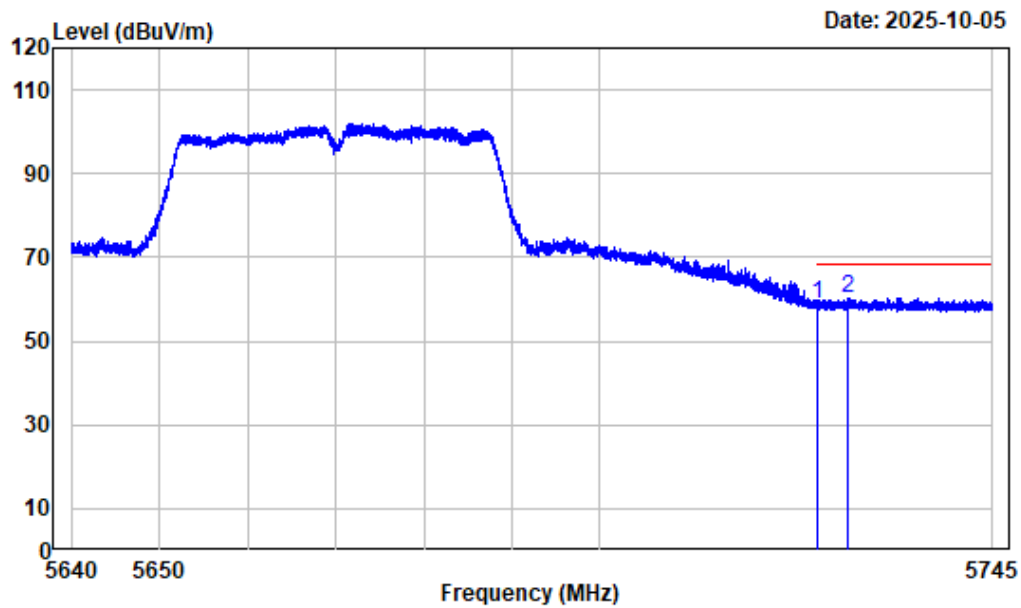
## Left Band edge\_Vertical\_Average\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5510

|            |        | Read  | Limit  | Over   | Remark        |
|------------|--------|-------|--------|--------|---------------|
| Freq       | Factor | Level | Level  | Line   |               |
| MHz        | dB/m   | dBuV  | dBuV/m | dBuV/m | dB            |
| 1 5460.000 | -6.29  | 54.85 | 48.56  | 54.00  | -5.44 Average |

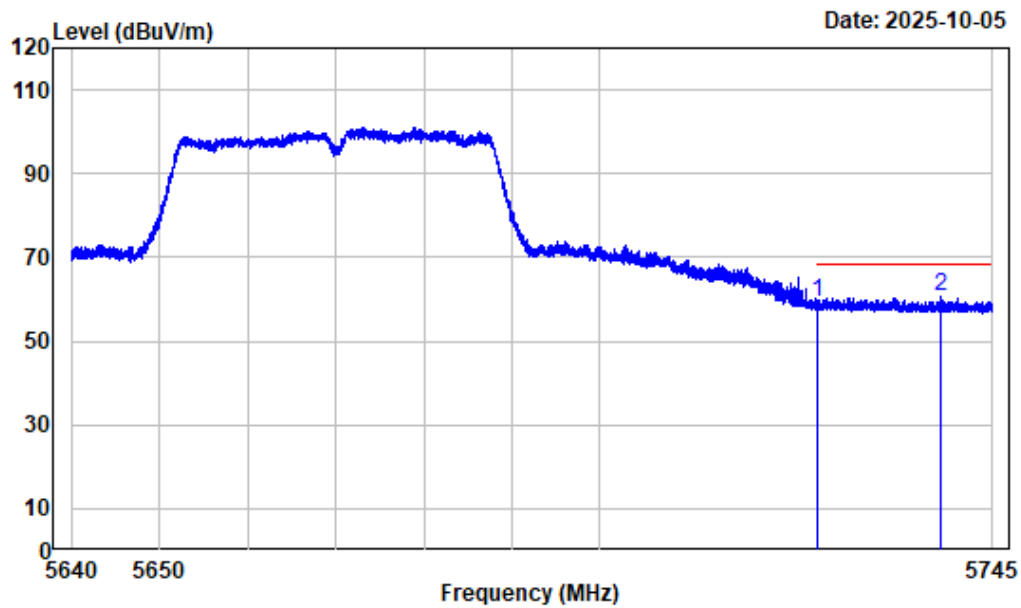
## Right Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

|   | Freq Factor |       | Read  |        | Limit  | Over  | Remark |
|---|-------------|-------|-------|--------|--------|-------|--------|
|   | MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB    |        |
| 1 | 5725.000    | -5.48 | 64.16 | 58.68  | 68.20  | -9.52 | Peak   |
| 2 | 5728.449    | -5.44 | 65.80 | 60.36  | 68.20  | -7.84 | Peak   |

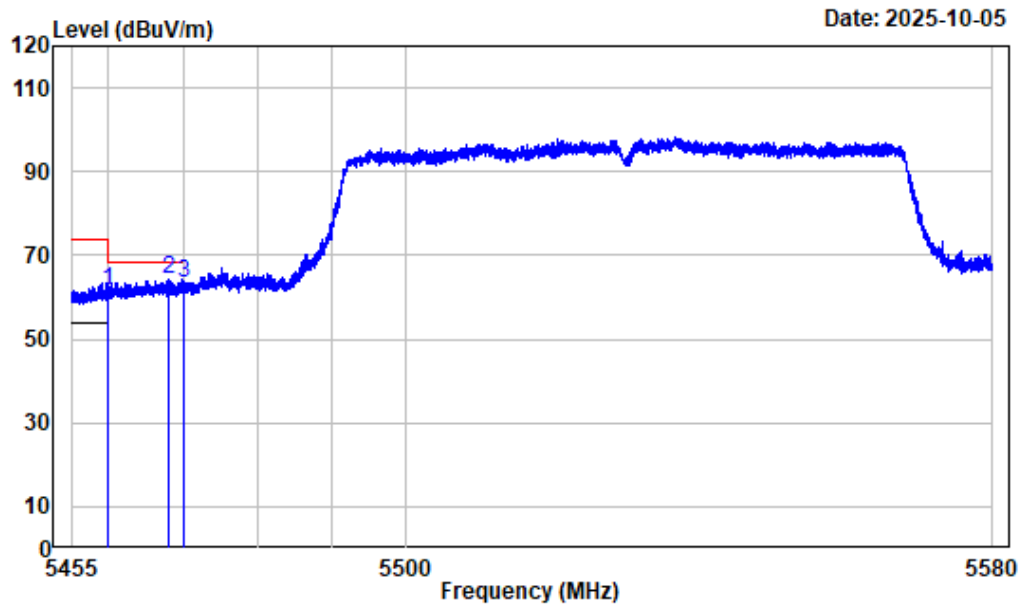
## Right Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

|   | Freq Factor |       | Read  |        | Limit  | Over  | Remark |
|---|-------------|-------|-------|--------|--------|-------|--------|
|   | MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB    |        |
| 1 | 5725.000    | -5.48 | 64.69 | 59.21  | 68.20  | -8.99 | Peak   |
| 2 | 5739.041    | -5.35 | 65.86 | 60.51  | 68.20  | -7.69 | Peak   |

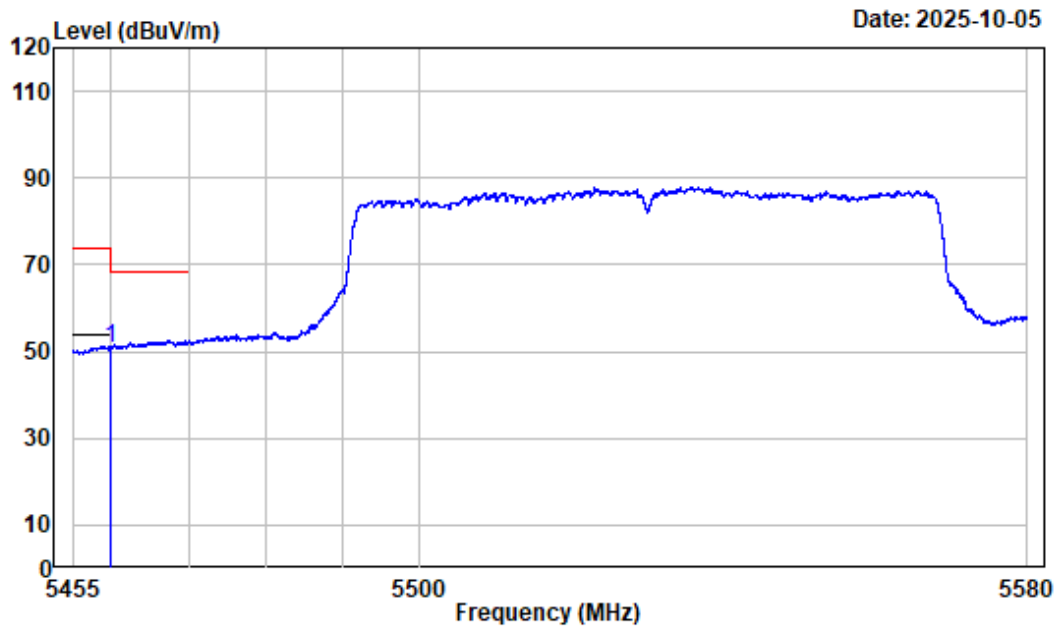
## Left Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5530

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5460.000  | -6.29 | 67.82 | 61.53  | 74.00  | -12.47 Peak |
| 2 5468.078  | -6.26 | 70.45 | 64.19  | 68.20  | -4.01 Peak  |
| 3 5470.000  | -6.26 | 69.59 | 63.33  | 68.20  | -4.87 Peak  |

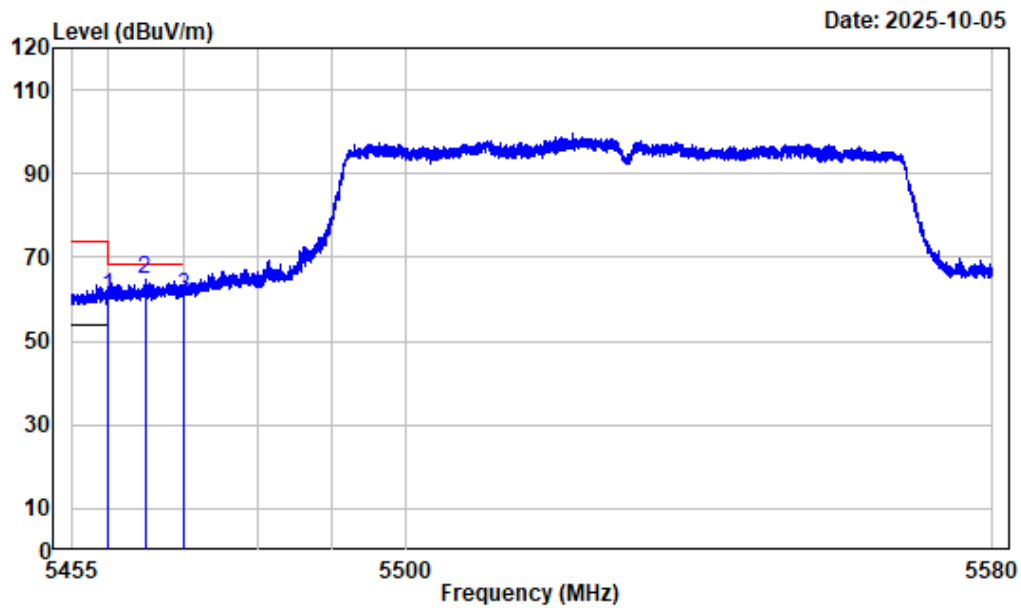
## Left Band edge\_Horizontal\_Average\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5530

|            |        | Read  |        | Limit  | Over  | Remark  |
|------------|--------|-------|--------|--------|-------|---------|
| Freq       | Factor | Level | Level  | Line   | Limit |         |
| MHz        | dB/m   | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 5460.000 | -6.29  | 57.05 | 50.76  | 54.00  | -3.24 | Average |

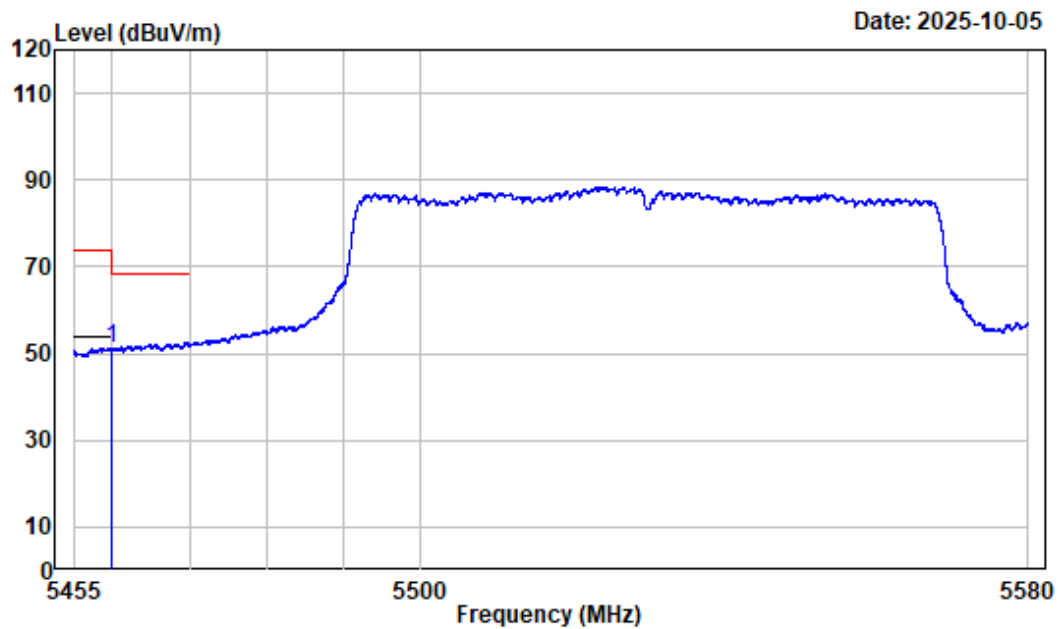
## Left Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5530

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5460.000  | -6.29 | 66.81 | 60.52  | 74.00  | -13.48 Peak |
| 2 5464.891  | -6.28 | 71.25 | 64.97  | 68.20  | -3.23 Peak  |
| 3 5470.000  | -6.26 | 67.00 | 60.74  | 68.20  | -7.46 Peak  |

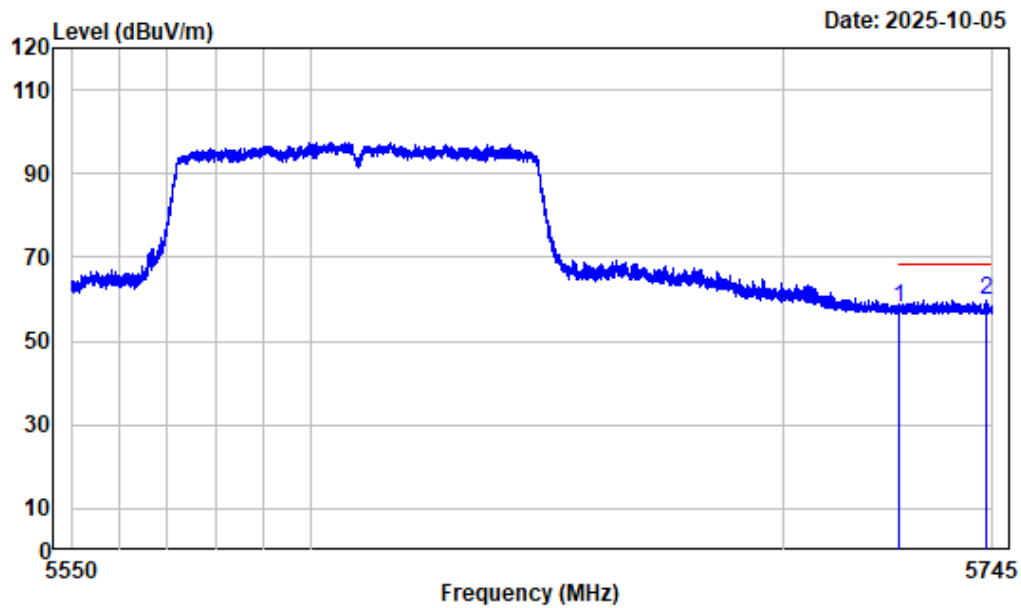
## Left Band edge\_Vertical\_Average\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5530

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark  |
|---|----------|--------|---------------|--------|---------------|---------------|---------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |         |
| 1 | 5460.000 | -6.29  | 57.28         | 50.99  | 54.00         | -3.01         | Average |

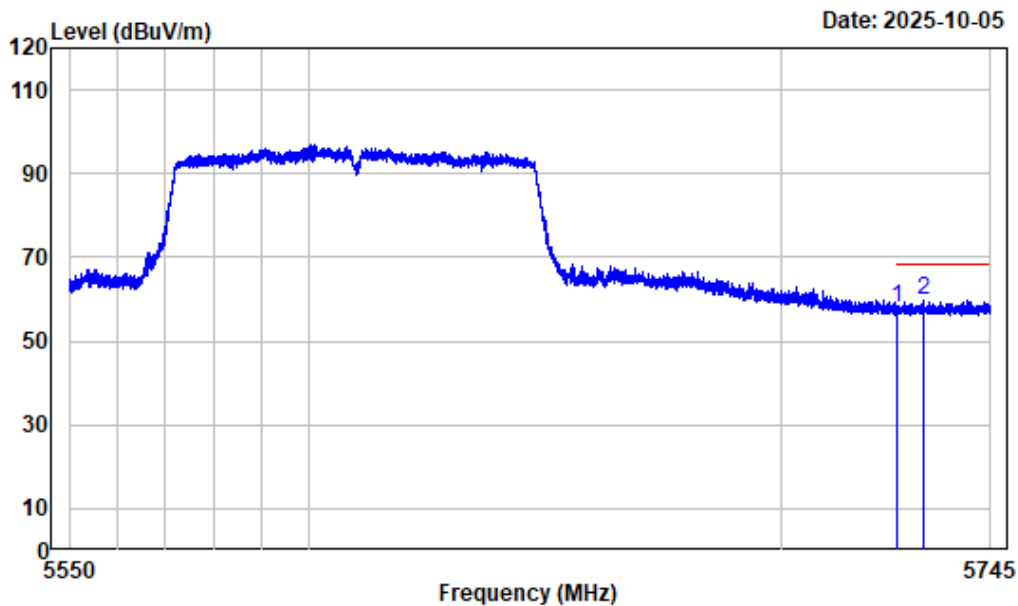
## Right Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

|   | Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|---|-------------|-------|-------|--------|--------|--------|--------|
|   |             |       | Level | Level  | Line   | Limit  |        |
|   | MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 5725.000    | -5.48 | 63.22 | 57.74  | 68.20  | -10.46 | Peak   |
| 2 | 5743.732    | -5.31 | 65.29 | 59.98  | 68.20  | -8.22  | Peak   |

Right Band edge\_Vertical\_Peak\_802.11ac80

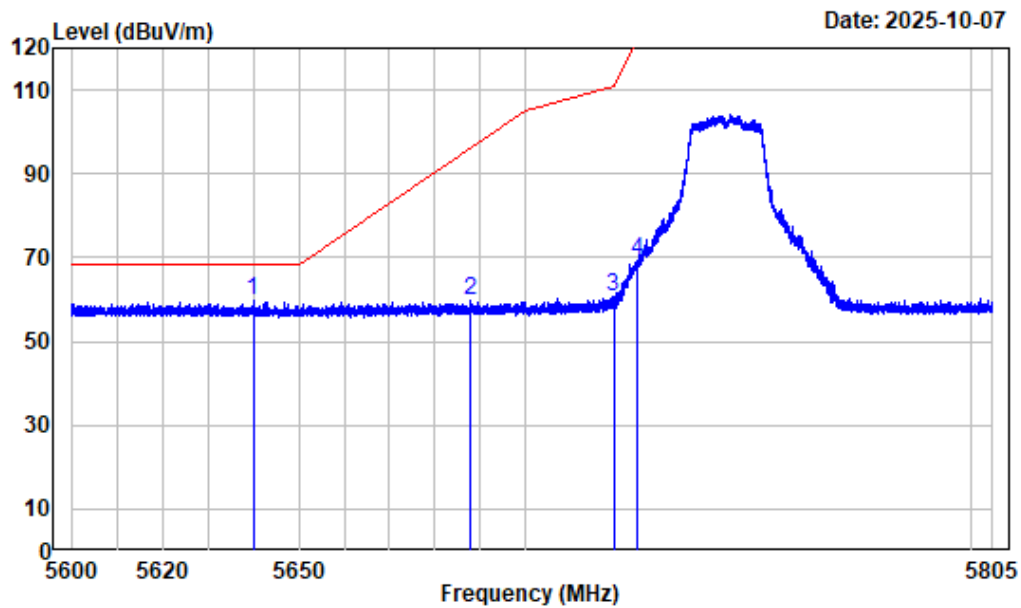


Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 5725.000  | -5.48 | 63.38 | 57.90  | 68.20  | -10.30 | Peak   |
| 2 5730.521  | -5.43 | 65.11 | 59.68  | 68.20  | -8.52  | Peak   |

**5725-5850MHz:**

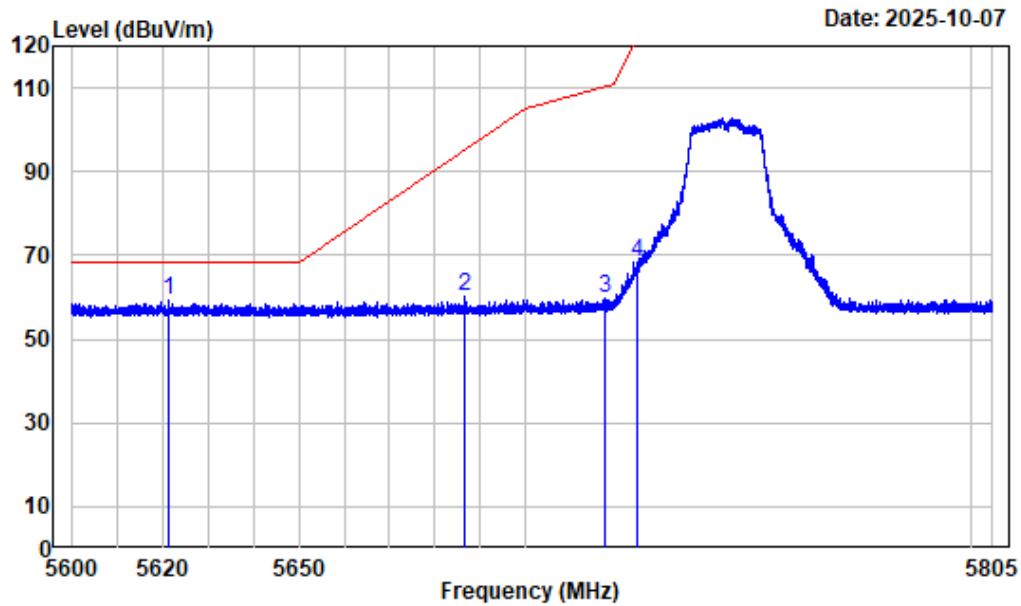
Left Band edge\_Horizontal\_Peak\_802.11a-B4



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5745

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 5639.873 | -5.94      | 65.55  | 59.61      | 68.20      | -8.59 Peak  |
| 2           | 5687.714 | -5.75      | 65.56  | 59.81      | 96.14      | -36.33 Peak |
| 3           | 5719.771 | -5.54      | 66.42  | 60.88      | 110.74     | -49.86 Peak |
| 4           | 5724.999 | -5.49      | 74.81  | 69.32      | 122.20     | -52.88 Peak |

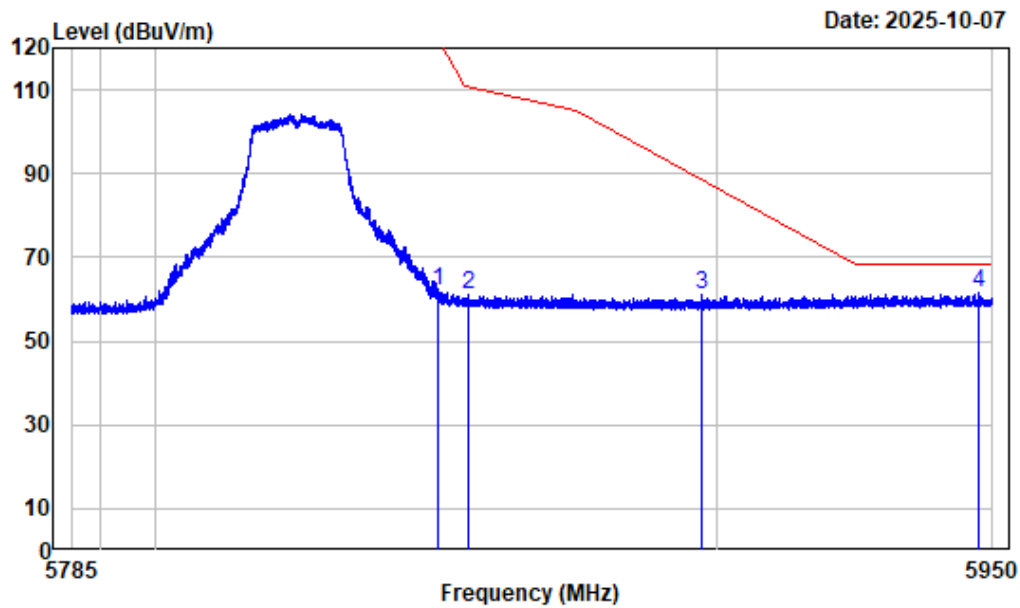
## Left Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5745

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 5621.346 | -6.06  | 65.45         | 59.39  | 68.20         | -8.81         | Peak   |
| 2 | 5686.510 | -5.75  | 65.89         | 60.14  | 95.25         | -35.11        | Peak   |
| 3 | 5717.772 | -5.55  | 65.24         | 59.69  | 110.18        | -50.49        | Peak   |
| 4 | 5724.922 | -5.49  | 73.78         | 68.29  | 122.02        | -53.73        | Peak   |

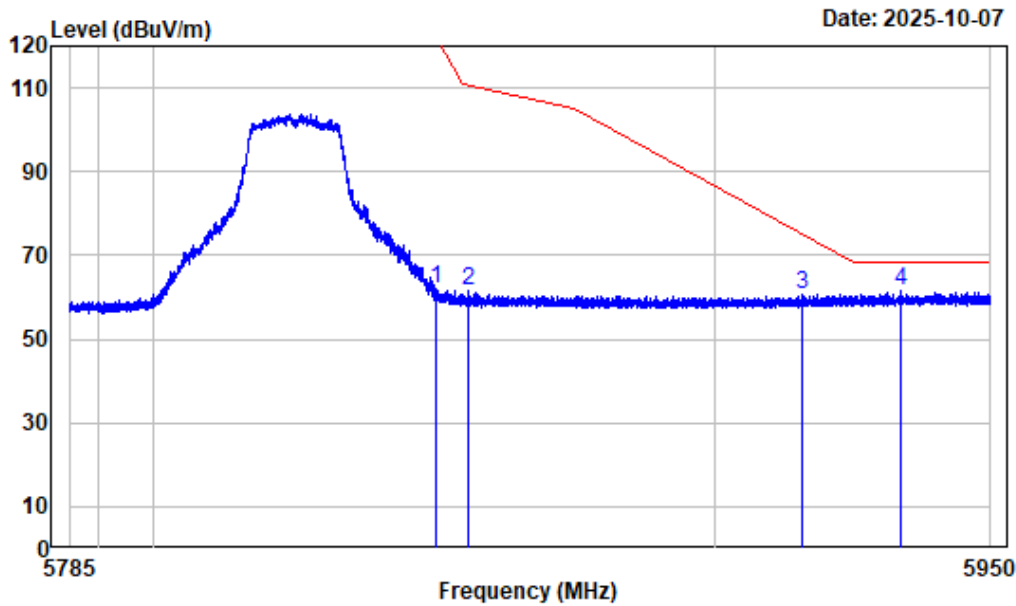
## Right Band edge\_Horizontal\_Peak\_802.11a



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
|             |       |            |        | Line   | Limit  |        |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 5850.072  | -4.68 | 66.77      | 62.09  | 122.04 | -59.95 | Peak   |
| 2 5855.600  | -4.66 | 65.90      | 61.24  | 110.63 | -49.39 | Peak   |
| 3 5897.468  | -4.47 | 65.50      | 61.03  | 88.53  | -27.50 | Peak   |
| 4 5947.504  | -4.45 | 66.03      | 61.58  | 68.20  | -6.62  | Peak   |

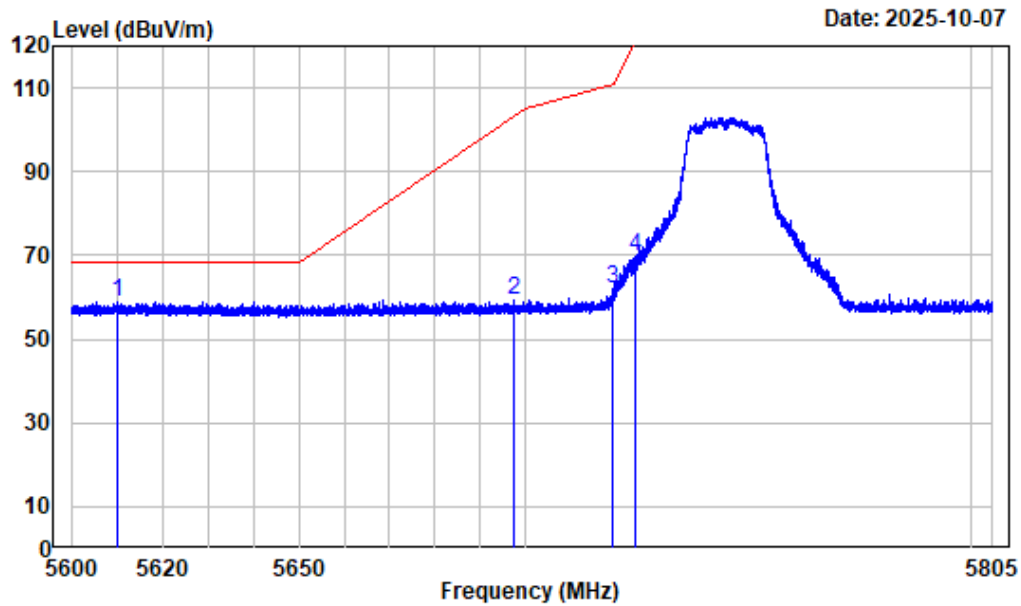
Right Band edge\_Vertical\_Peak\_802.11a



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 5850.010 | -4.68  | 66.90         | 62.22  | 122.18        | -59.96        | Peak   |
| 2 | 5856.012 | -4.66  | 66.22         | 61.56  | 110.52        | -48.96        | Peak   |
| 3 | 5915.804 | -4.46  | 65.11         | 60.65  | 74.98         | -14.33        | Peak   |
| 4 | 5933.871 | -4.45  | 65.94         | 61.49  | 68.20         | -6.71         | Peak   |

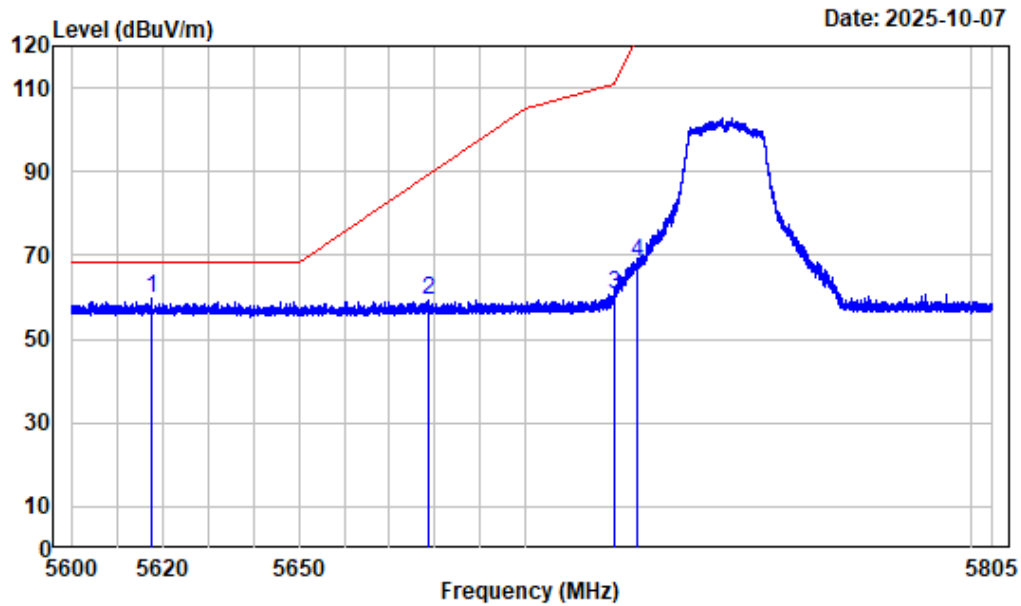
## Left Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5745

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5609.968  | -6.14 | 65.21 | 59.07  | 68.20  | -9.13 Peak  |
| 2 5697.554  | -5.72 | 65.01 | 59.29  | 103.40 | -44.11 Peak |
| 3 5719.669  | -5.54 | 67.44 | 61.90  | 110.71 | -48.81 Peak |
| 4 5724.486  | -5.49 | 75.16 | 69.67  | 121.03 | -51.36 Peak |

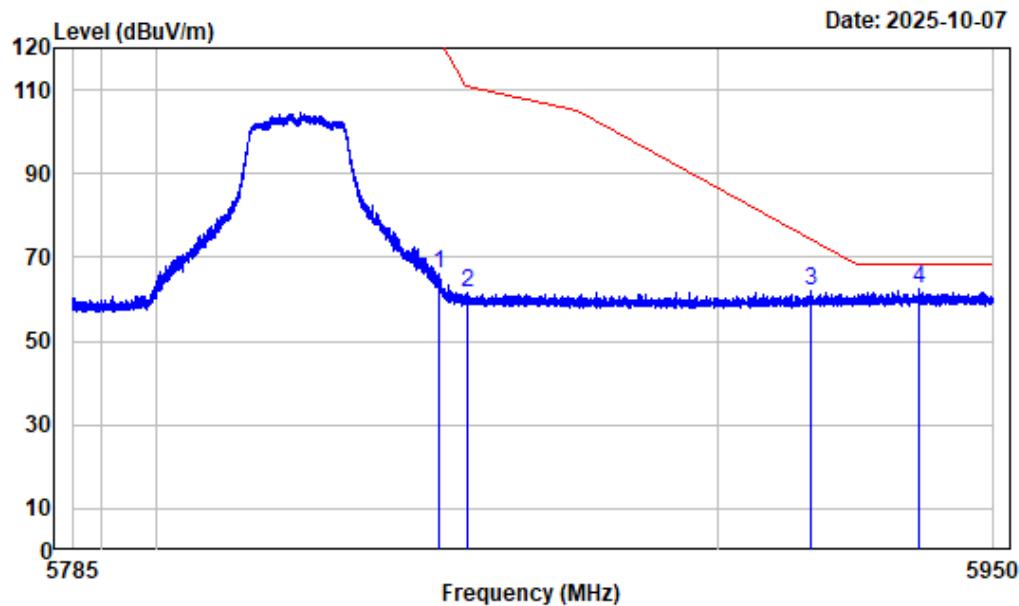
## Left Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5745

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5617.656 | -6.09  | 66.05      | 59.96  | 68.20      | -8.24      | Peak   |
| 2 | 5678.438 | -5.78  | 64.98      | 59.20  | 89.28      | -30.08     | Peak   |
| 3 | 5719.848 | -5.53  | 66.42      | 60.89  | 110.76     | -49.87     | Peak   |
| 4 | 5724.871 | -5.49  | 73.95      | 68.46  | 121.91     | -53.45     | Peak   |

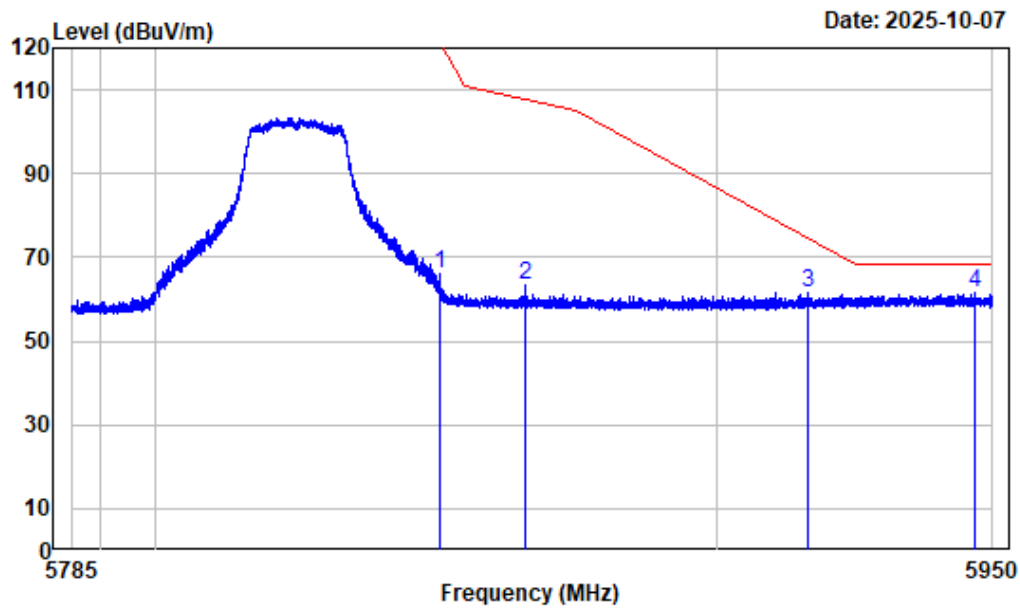
Right Band edge\_Horizontal\_Peak\_802.11ac20



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |          | Read Level |       | Limit  | Over   | Remark      |
|-------------|----------|------------|-------|--------|--------|-------------|
|             |          |            |       | Line   | Limit  |             |
|             | MHz      | dB/m       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1           | 5850.051 | -4.68      | 70.89 | 66.21  | 122.08 | -55.87 Peak |
| 2           | 5855.228 | -4.66      | 66.19 | 61.53  | 110.74 | -49.21 Peak |
| 3           | 5916.814 | -4.44      | 66.50 | 62.06  | 74.24  | -12.18 Peak |
| 4           | 5936.326 | -4.45      | 67.13 | 62.68  | 68.20  | -5.52 Peak  |

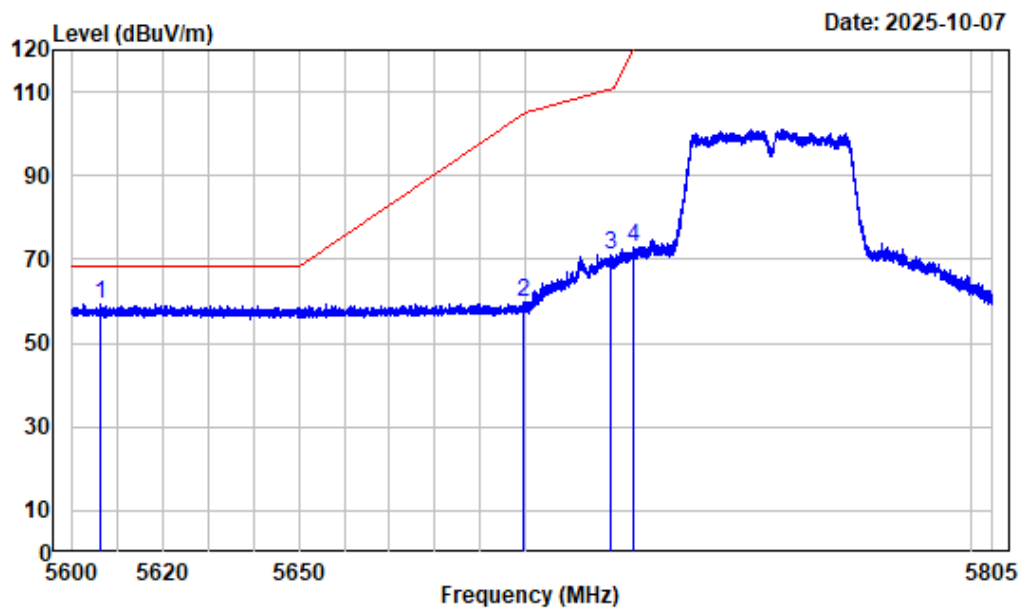
## Right Band edge\_Vertical\_Peak\_802.11ac20



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5850.381 | -4.68  | 70.60      | 65.92  | 121.33     | -55.41     | Peak   |
| 2 | 5865.623 | -4.62  | 67.98      | 63.36  | 107.82     | -44.46     | Peak   |
| 3 | 5916.711 | -4.44  | 65.85      | 61.41  | 74.31      | -12.90     | Peak   |
| 4 | 5946.741 | -4.44  | 65.87      | 61.43  | 68.20      | -6.77      | Peak   |

## Left Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal

Project No. : 2501W72957E-RF

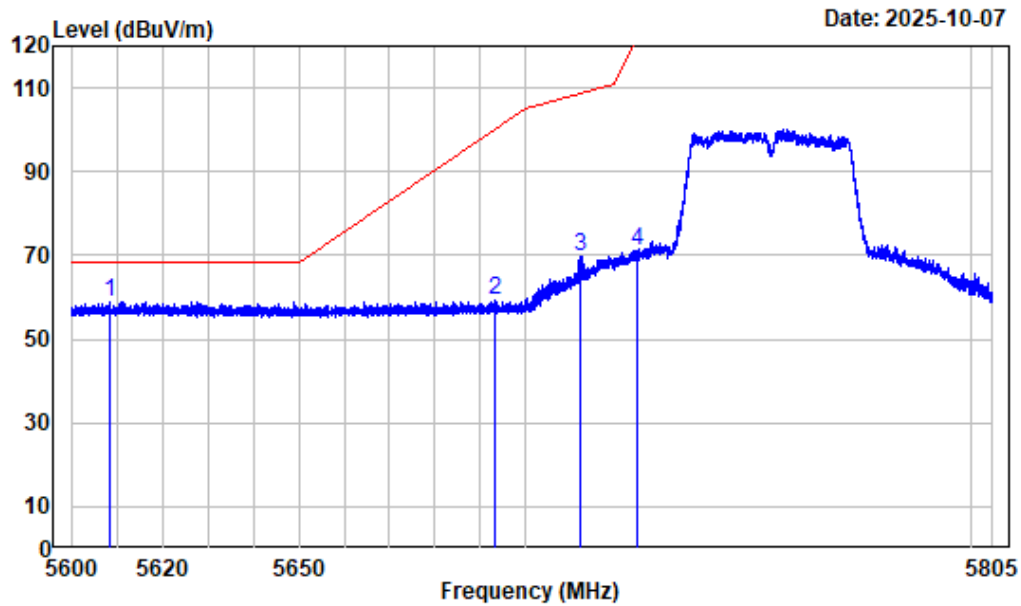
Tester : Leon Guo

Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

Note : 5GWiFi\_B4\_AC40\_5755

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 5606.252 | -6.17  | 65.61         | 59.44  | 68.20         | -8.76         | Peak   |
| 2 | 5699.630 | -5.71  | 65.29         | 59.58  | 104.93        | -45.35        | Peak   |
| 3 | 5719.002 | -5.54  | 76.72         | 71.18  | 110.52        | -39.34        | Peak   |
| 4 | 5724.076 | -5.49  | 78.47         | 72.98  | 120.09        | -47.11        | Peak   |

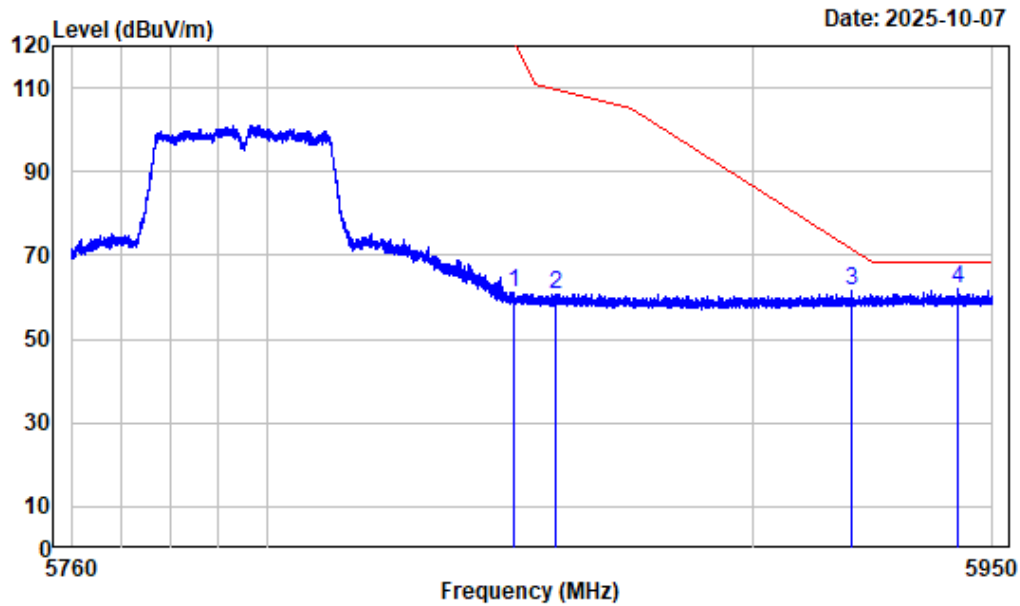
## Left Band edge\_Vertical\_Peak\_802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5755

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5608.277 | -6.15  | 64.99      | 58.84  | 68.20      | -9.36      | Peak   |
| 2 | 5693.198 | -5.73  | 64.97      | 59.24  | 100.19     | -40.95     | Peak   |
| 3 | 5712.442 | -5.61  | 75.56      | 69.95  | 108.69     | -38.74     | Peak   |
| 4 | 5724.947 | -5.49  | 76.53      | 71.04  | 122.08     | -51.04     | Peak   |

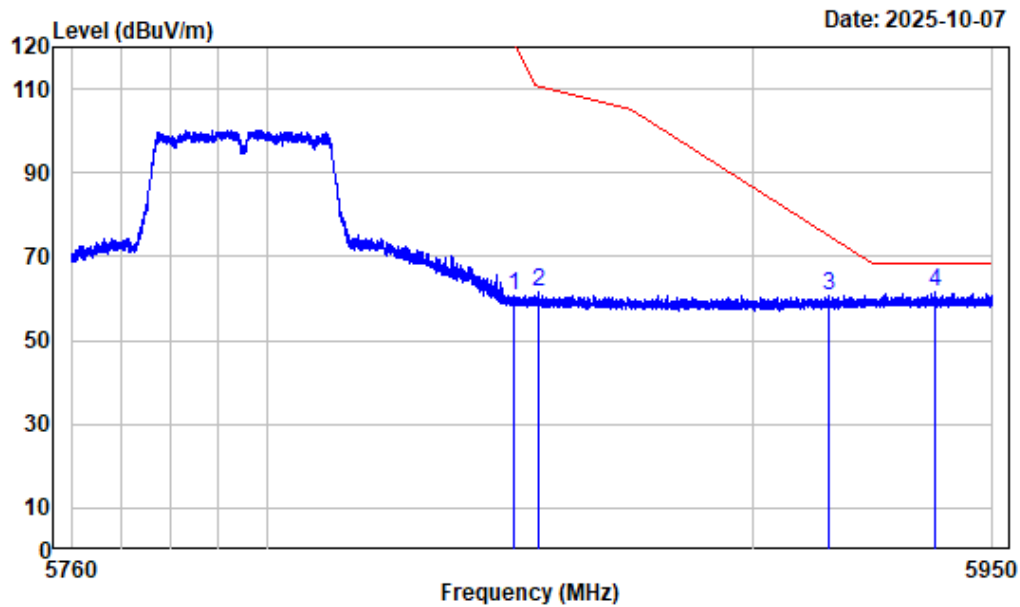
## Right Band edge\_Horizontal\_Peak\_802.11ac40



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5850.440  | -4.68 | 65.92 | 61.24  | 121.20 | -59.96 Peak |
| 2 5859.204  | -4.63 | 65.53 | 60.90  | 109.62 | -48.72 Peak |
| 3 5920.550  | -4.45 | 65.82 | 61.37  | 71.48  | -10.11 Peak |
| 4 5942.922  | -4.45 | 66.34 | 61.89  | 68.20  | -6.31 Peak  |

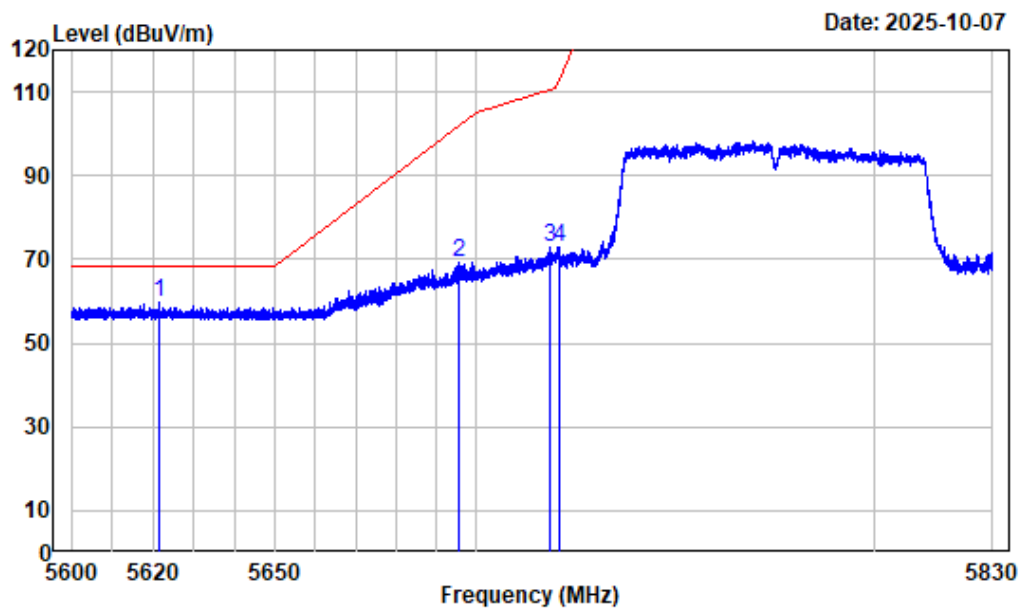
## Right Band edge Vertical Peak 802.11ac40



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 5850.701 | -4.68  | 65.51         | 60.83  | 120.60        | -59.77        | Peak   |
| 2 | 5855.712 | -4.66  | 66.31         | 61.65  | 110.60        | -48.95        | Peak   |
| 3 | 5915.919 | -4.46  | 65.30         | 60.84  | 74.90         | -14.06        | Peak   |
| 4 | 5937.959 | -4.46  | 66.24         | 61.78  | 68.20         | -6.42         | Peak   |

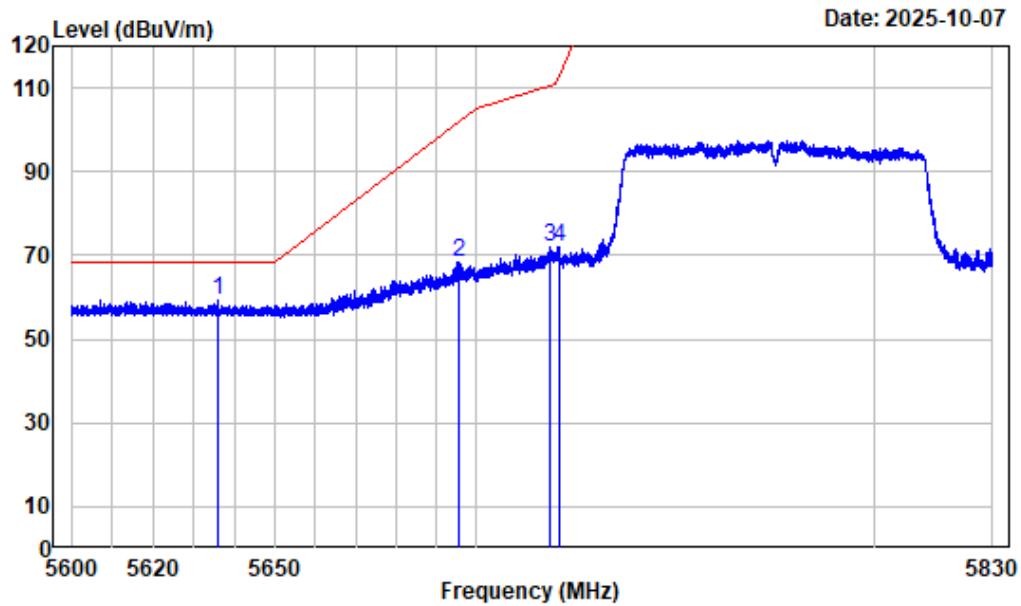
## Left Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 5621.620  | -6.06 | 65.64 | 59.58  | 68.20  | -8.62 Peak  |
| 2 5695.651  | -5.73 | 75.08 | 69.35  | 101.99 | -32.64 Peak |
| 3 5718.536  | -5.54 | 78.50 | 72.96  | 110.39 | -37.43 Peak |
| 4 5720.692  | -5.53 | 78.36 | 72.83  | 112.38 | -39.55 Peak |

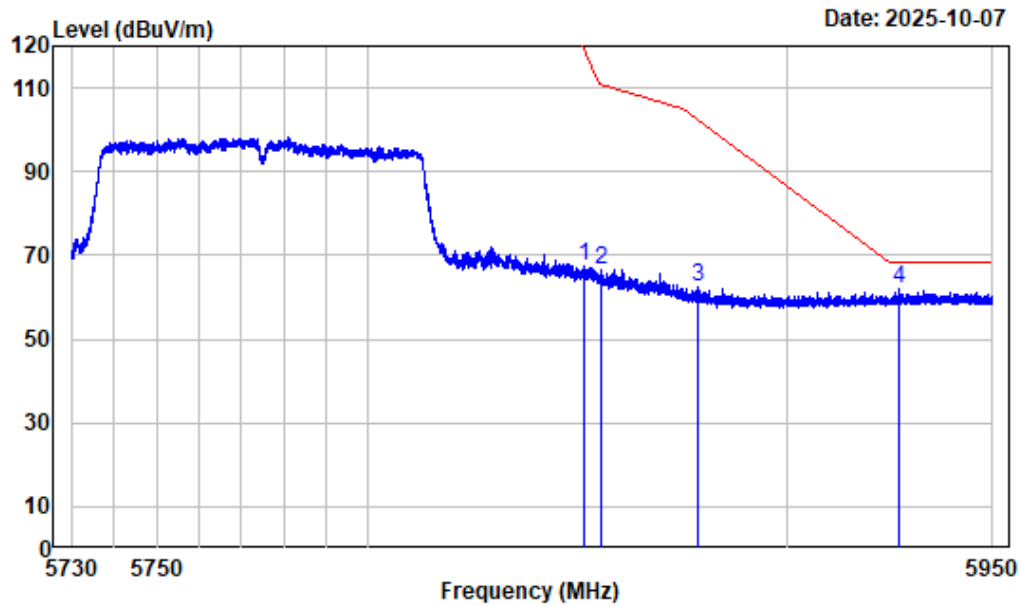
## Left Band edge\_Vertical\_Peak\_802.11ac80



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5636.139 | -5.96  | 65.17      | 59.21  | 68.20      | -8.99      | Peak   |
| 2 | 5695.795 | -5.73  | 73.96      | 68.23  | 102.10     | -33.87     | Peak   |
| 3 | 5718.364 | -5.54  | 77.50      | 71.96  | 110.34     | -38.38     | Peak   |
| 4 | 5720.520 | -5.53  | 77.44      | 71.91  | 111.99     | -40.08     | Peak   |

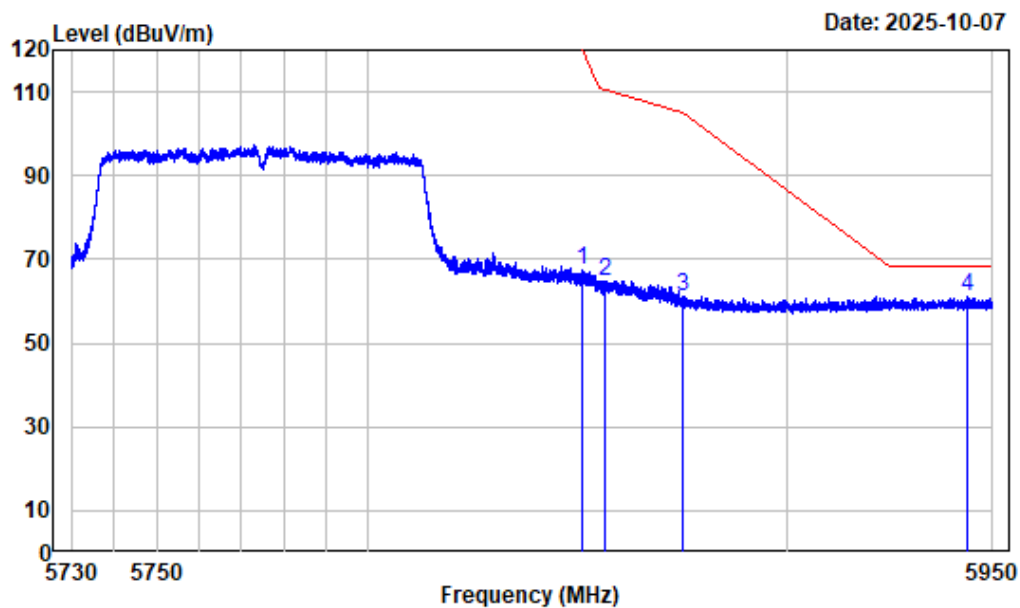
## Right Band edge\_Horizontal\_Peak\_802.11ac80



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 5851.522 | -4.66  | 72.08      | 67.42  | 118.73     | -51.31     | Peak   |
| 2 | 5855.373 | -4.66  | 71.41      | 66.75  | 110.70     | -43.95     | Peak   |
| 3 | 5878.748 | -4.56  | 67.19      | 62.63  | 102.42     | -39.79     | Peak   |
| 4 | 5927.368 | -4.45  | 66.59      | 62.14  | 68.20      | -6.06      | Peak   |

## Right Band edge\_Vertical\_Peak\_802.11ac80-B4

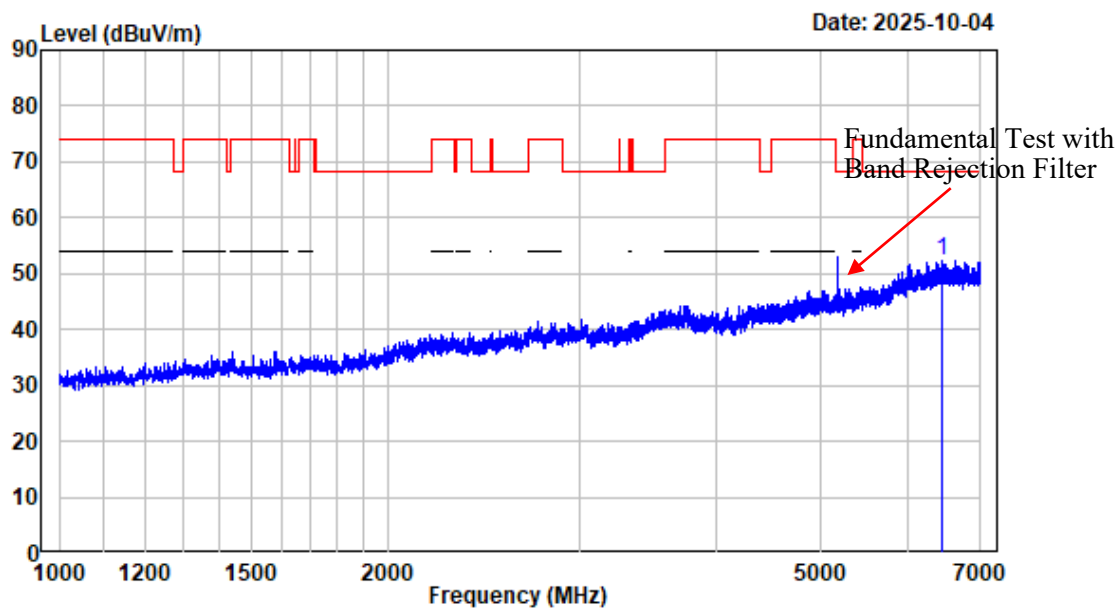


Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 5851.083 | -4.68  | 72.36         | 67.68  | 119.73        | -52.05        | Peak   |
| 2 | 5856.390 | -4.65  | 69.62         | 64.97  | 110.41        | -45.44        | Peak   |
| 3 | 5875.145 | -4.57  | 65.82         | 61.25  | 105.09        | -43.84        | Peak   |
| 4 | 5943.922 | -4.45  | 65.48         | 61.03  | 68.20         | -7.17         | Peak   |

**1-18GHz (Listed with the worst harmonic margin test plot)**

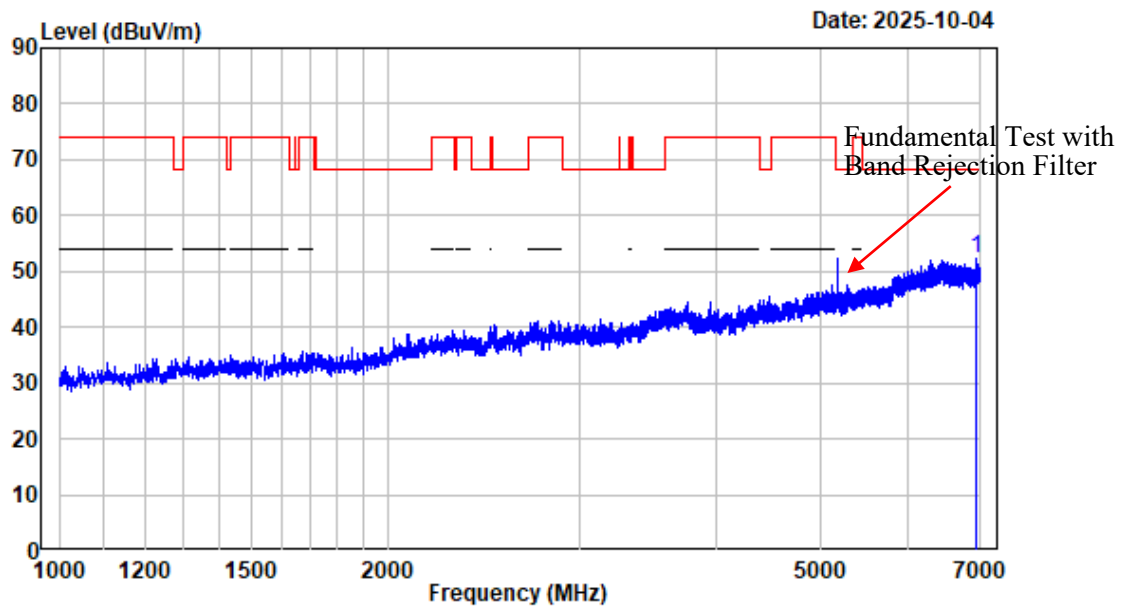
1-7GHz\_Horizontal\_802.11a\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |          | Read  | Limit  | Over   | Remark            |
|-------------|----------|-------|--------|--------|-------------------|
| MHz         | dB/m     | Level | Level  | Line   |                   |
|             |          | dBuV  | dBuV/m | dBuV/m |                   |
| 1           | 6450.250 | -2.86 | 55.17  | 52.31  | 68.20 -15.89 Peak |

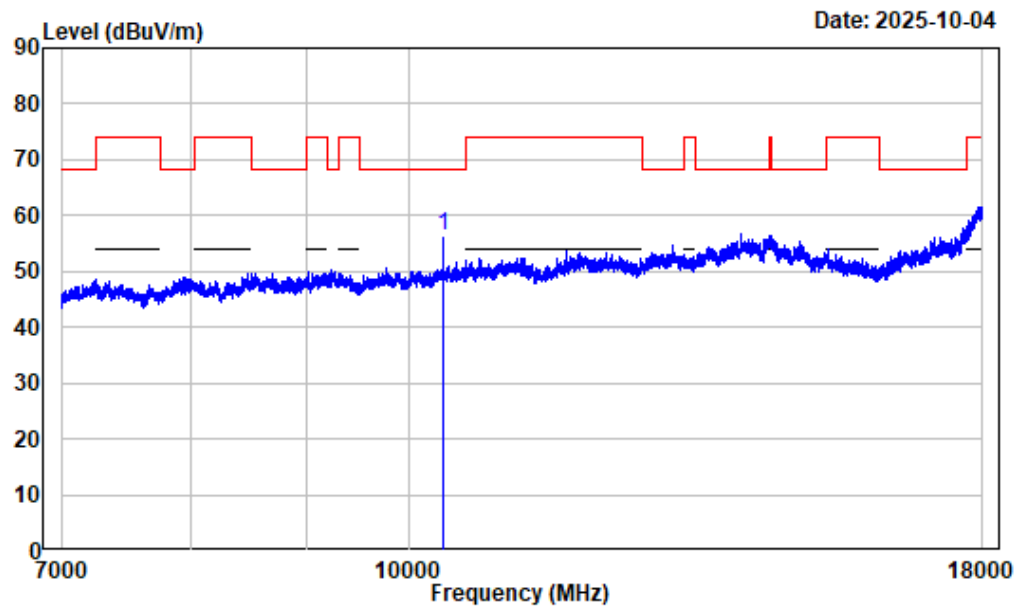
## 1-7GHz\_Vertical\_802.11a\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 6942.250 | -2.71  | 55.10         | 52.39  | 68.20         | -15.81        | Peak   |

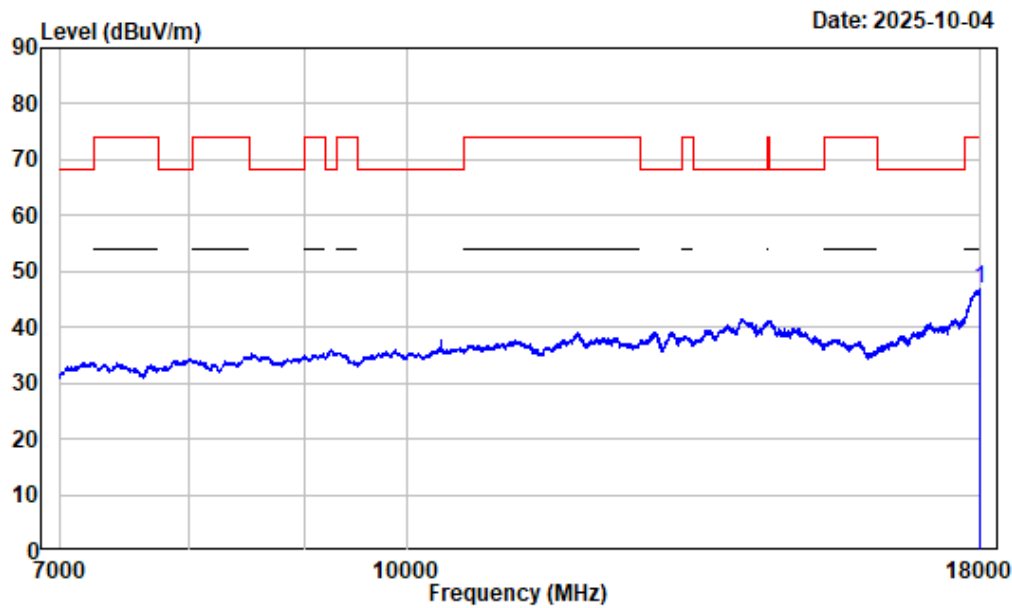
7-18GHz\_Horizontal\_Peak\_802.11a\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
| MHz         | dB/m  | Level | Level  | Line   |             |
|             |       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 10360.000 | 2.48  | 53.73 | 56.21  | 68.20  | -11.99 Peak |
| 2 18000.000 | 13.26 | 48.43 | 61.69  | 74.00  | -12.31 Peak |

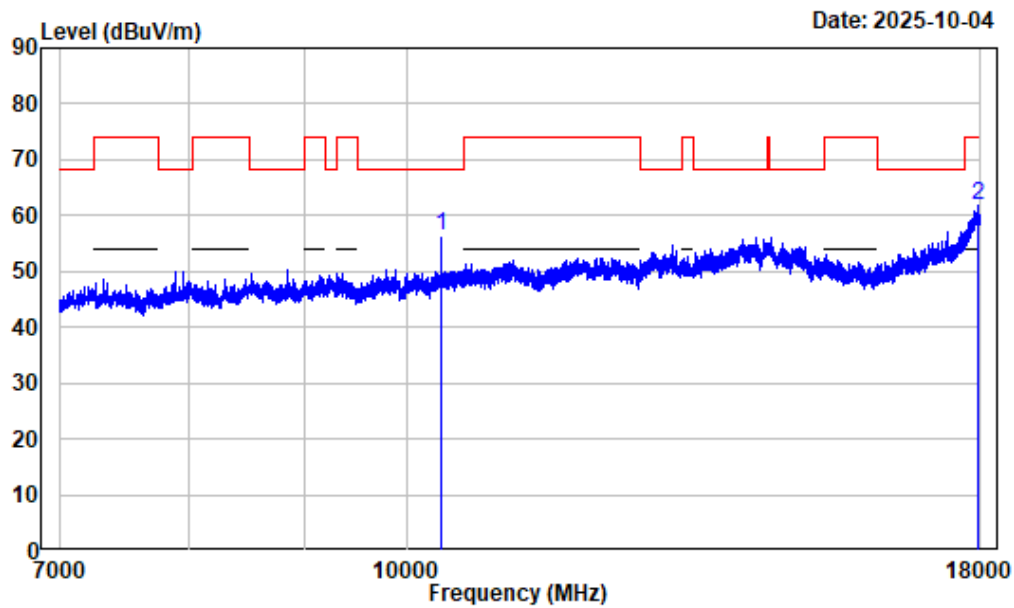
7-18GHz\_Horizontal\_Average\_802.11a\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 17984.880 | 13.18 | 33.66      | 46.84  | 54.00      | -7.16      | Average |

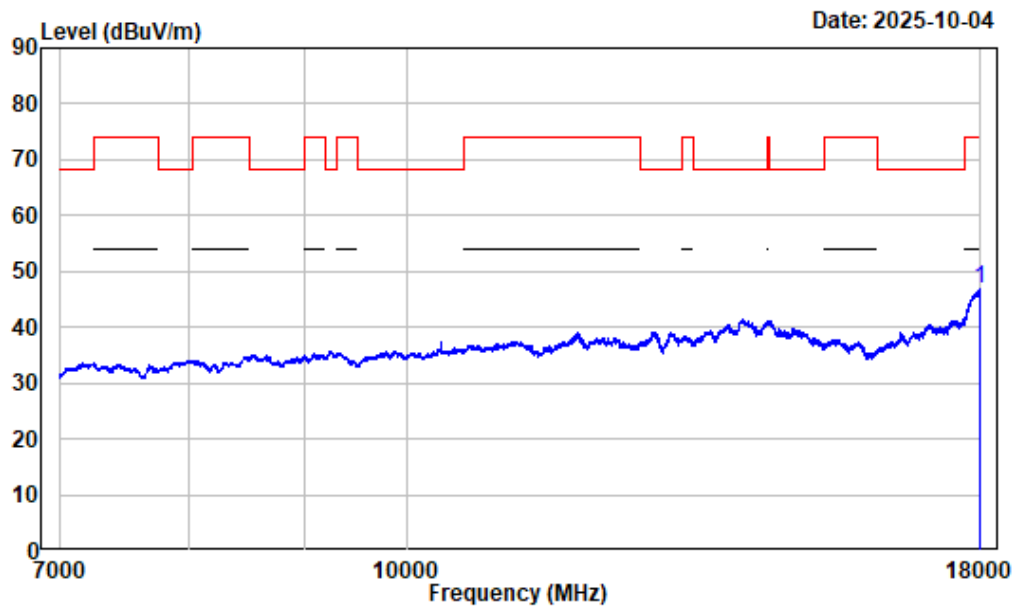
## 7-18GHz\_Vertical\_Peak\_802.11a\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10360.000 | 2.48  | 53.88 | 56.36  | 68.20  | -11.84 | Peak   |
| 2 17949.130 | 13.00 | 48.70 | 61.70  | 74.00  | -12.30 | Peak   |

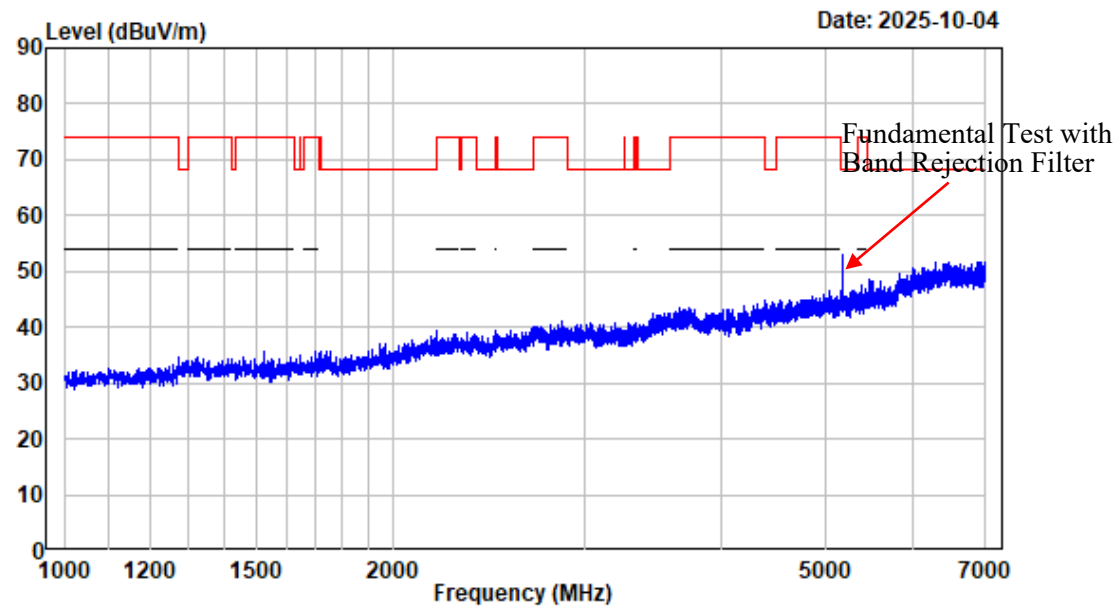
7-18GHz\_Vertical\_Average\_802.11a\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_A\_5180

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 17995.880 | 13.24 | 33.47      | 46.71  | 54.00  | -7.29 | Average |

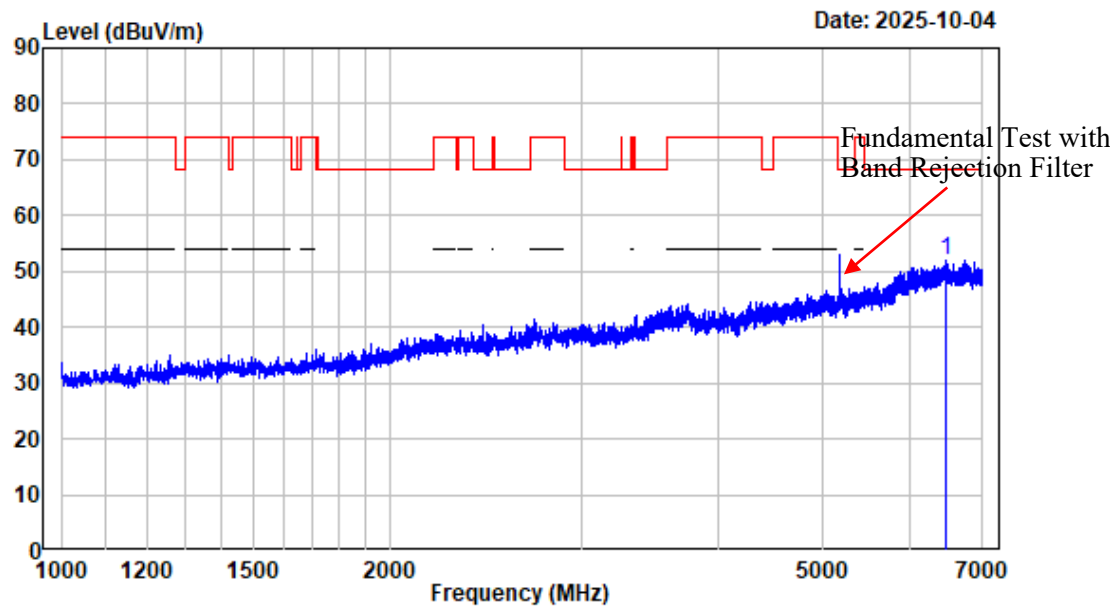
1-7GHz\_Horizontal\_802.11ac20\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 7000.000 | -2.90      | 54.82  | 51.92      | 68.20      | -16.28 Peak |

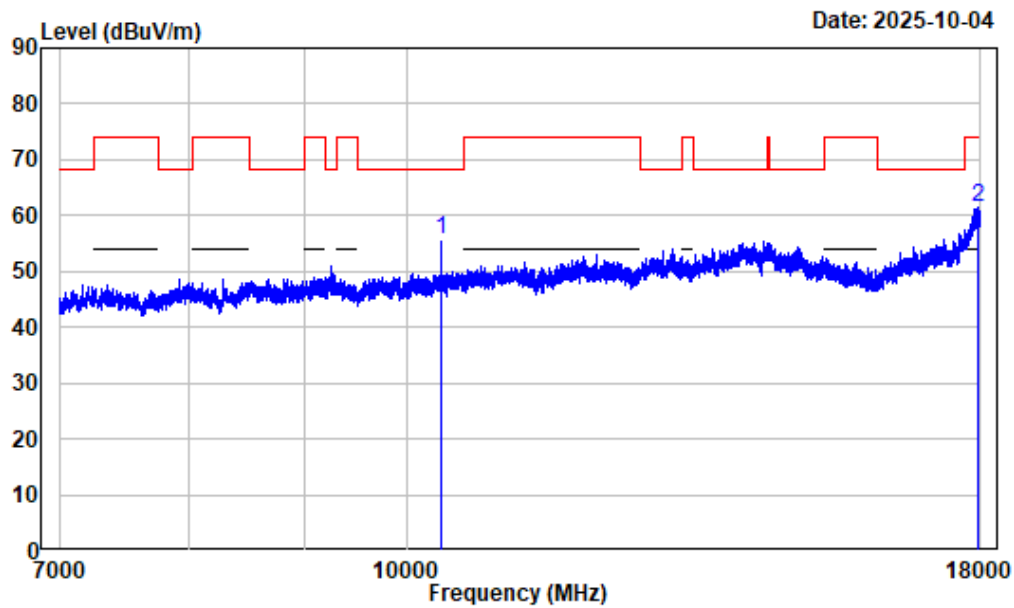
1-7GHz\_Vertical\_802.11ac20\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6479.500 | -2.92      | 54.97  | 52.05  | 68.20 | -16.15 Peak |

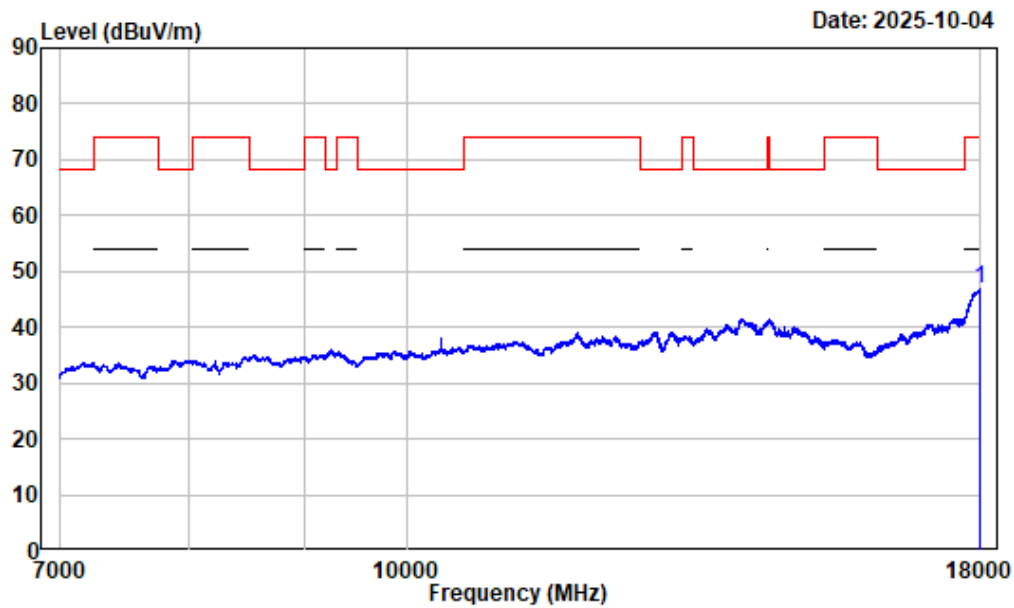
## 7-18GHz\_Horizontal\_Peak\_802.11ac20\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 10360.000 | 2.48  | 53.25      | 55.73  | 68.20  | -12.47 | Peak   |
| 2 17942.250 | 12.97 | 48.39      | 61.36  | 74.00  | -12.64 | Peak   |

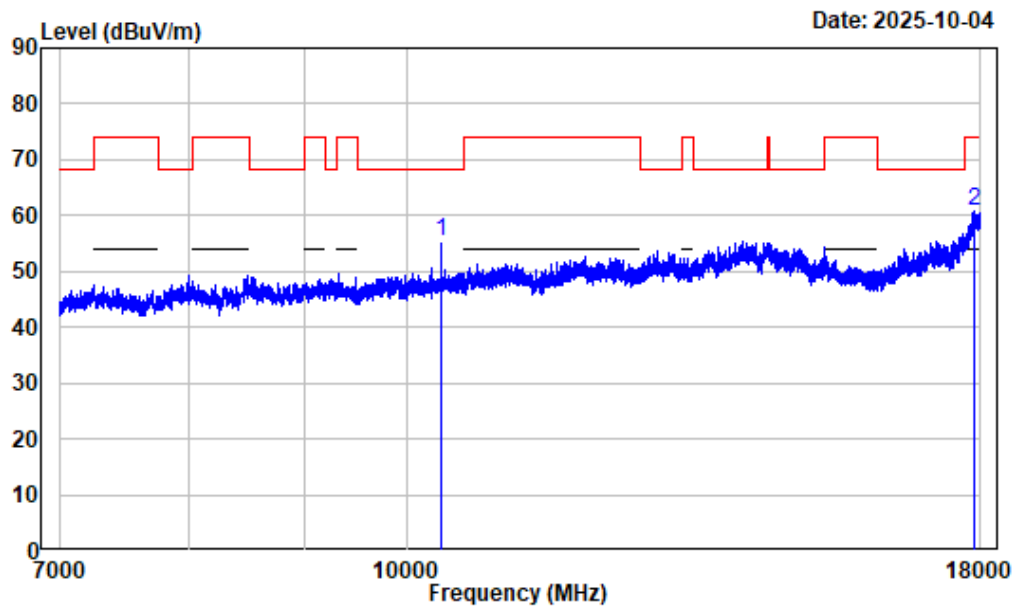
## 7-18GHz\_Horizontal\_Average\_802.11ac20\_5180MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 17994.500 | 13.23 | 33.70      | 46.93  | 54.00  | -7.07 | Average |

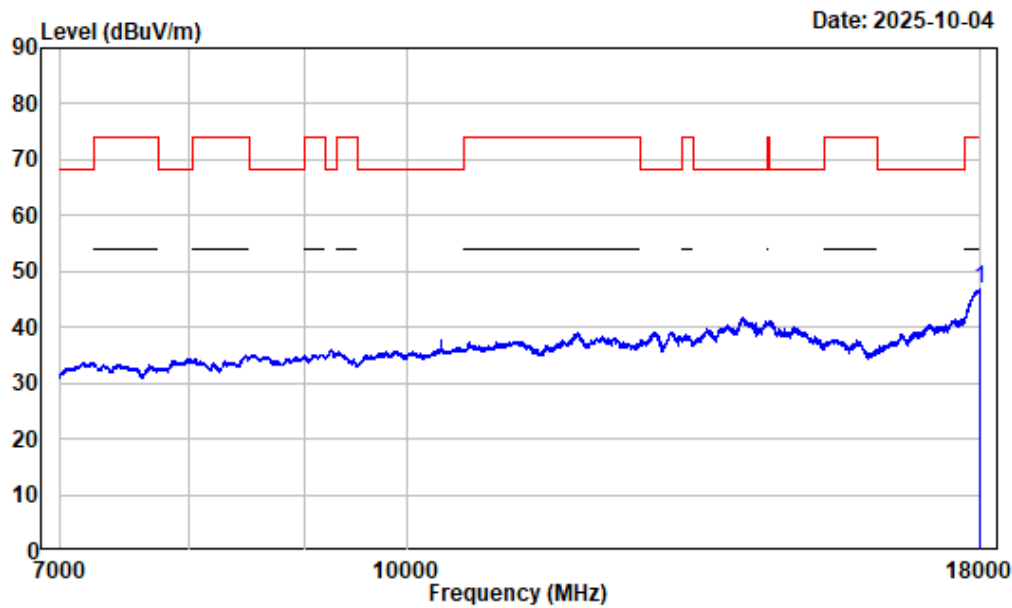
7-18GHz\_Vetical\_Peak\_802.11ac20\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10360.000 | 2.48  | 52.80 | 55.28  | 68.20  | -12.92 | Peak   |
| 2 17895.500 | 12.67 | 48.11 | 60.78  | 74.00  | -13.22 | Peak   |

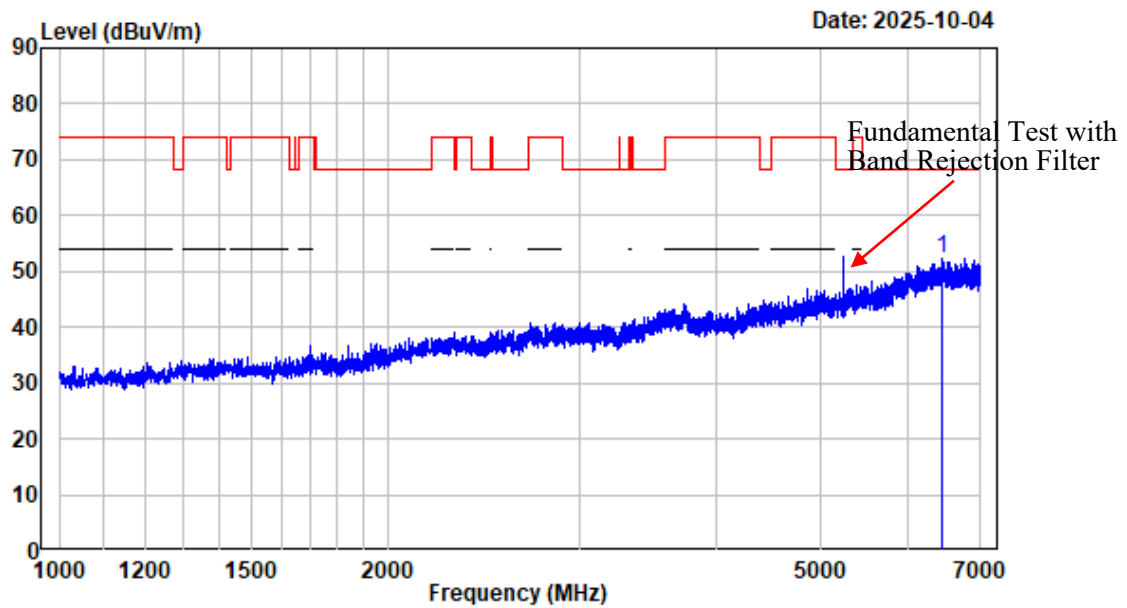
7-18GHz\_Vertical\_Average\_802.11ac20\_5180MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC20\_5180

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 17998.630 | 13.25 | 33.74      | 46.99  | 54.00      | -7.01      | Average |

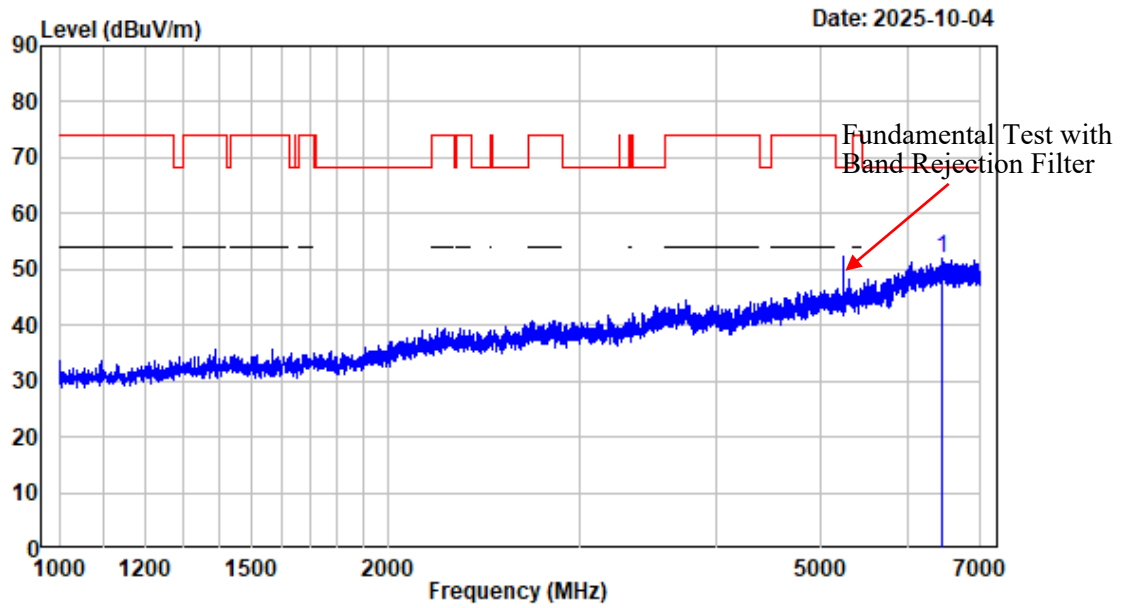
## 1-7GHz\_Horizontal\_802.11ac40\_5230MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6451.750 | -2.87      | 55.28  | 52.41      | 68.20      | -15.79 Peak |

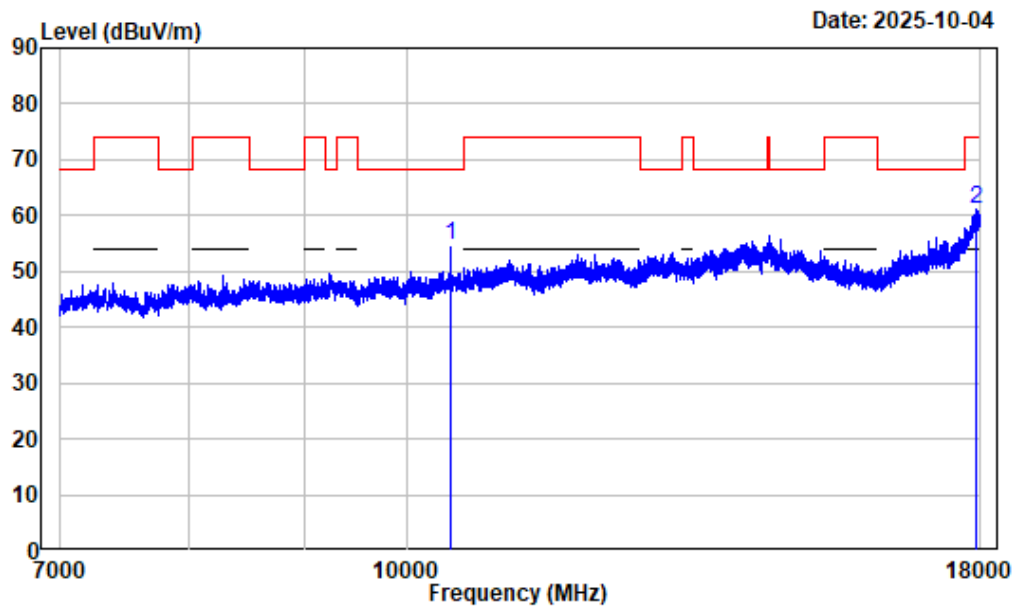
1-7GHz\_Vertical\_802.11ac40\_5230MHz



Condition : Vertical  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark |
|-------------|-------|------------|--------|------------|------------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 6445.000  | -2.86 | 54.80      | 51.94  | 68.20      | -16.26     | Peak   |

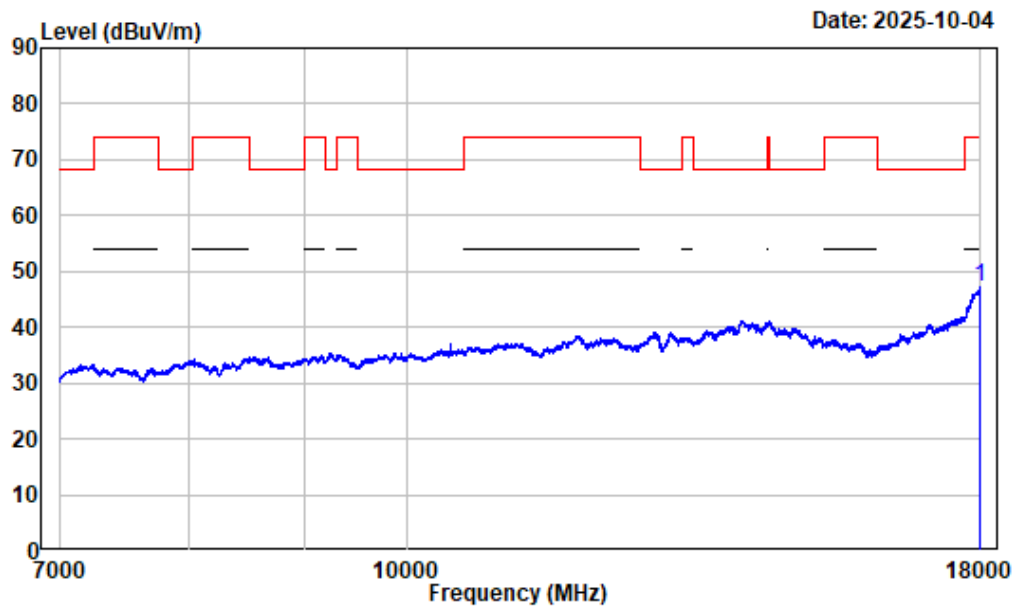
## 7-18GHz\_Horizontal\_Peak\_802.11ac40\_5230MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 10460.000 | 2.26  | 52.47      | 54.73  | 68.20  | -13.47 | Peak   |
| 2 17912.000 | 12.81 | 48.36      | 61.17  | 74.00  | -12.83 | Peak   |

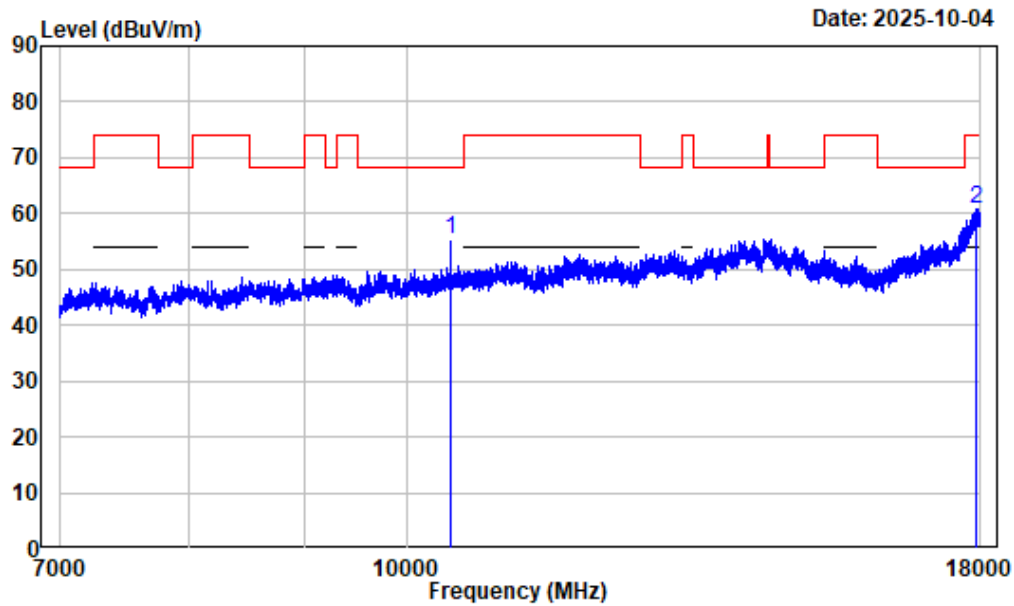
## 7-18GHz\_Horizontal\_Average\_802.11ac40\_5230MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 17998.630 | 13.25 | 33.91      | 47.16  | 54.00  | -6.84 | Average |

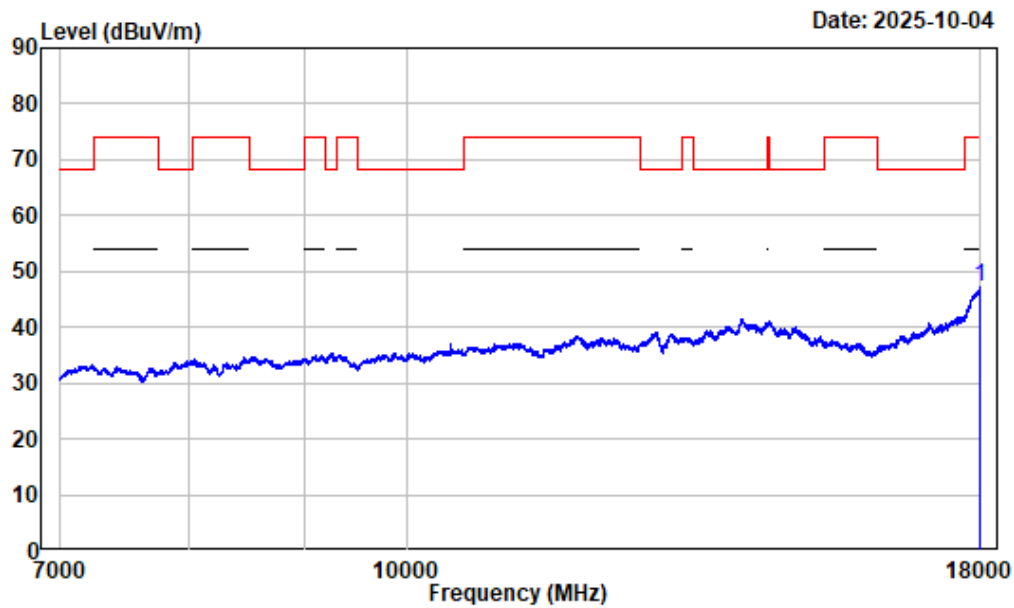
## 7-18GHz\_Vertical\_Peak\_802.11ac40\_5230MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_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  | 53.05 | 55.31  | 68.20  | -12.89 Peak |
| 2 17924.380 | 12.88 | 48.06 | 60.94  | 74.00  | -13.06 Peak |

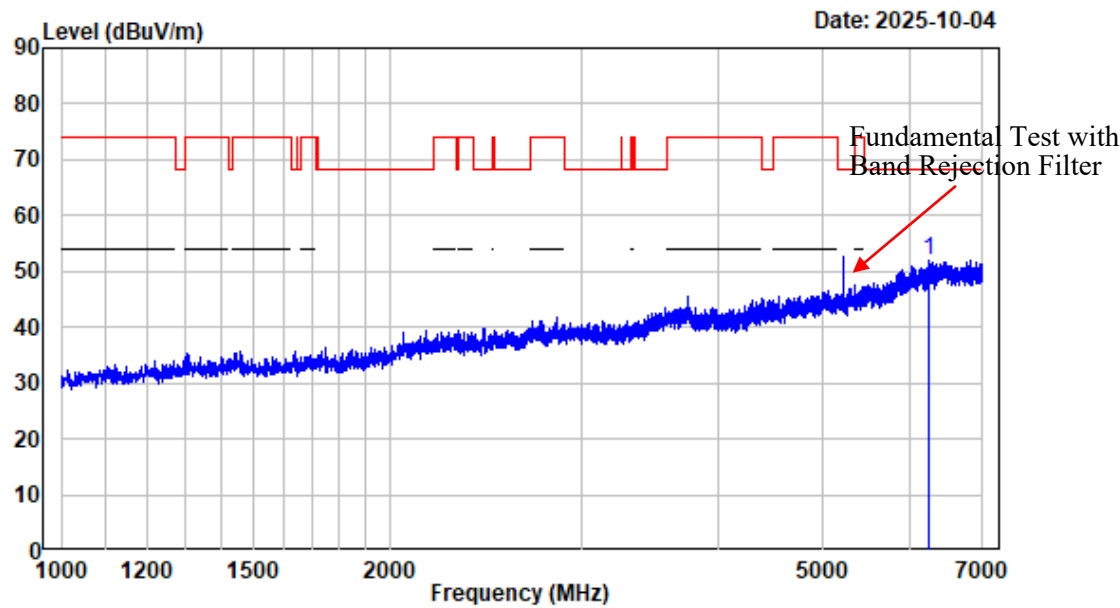
## 7-18GHz\_Vertical\_Average\_802.11ac40\_5230MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC40\_5230

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 17995.880 | 13.24 | 33.82      | 47.06  | 54.00  | -6.94 | Average |

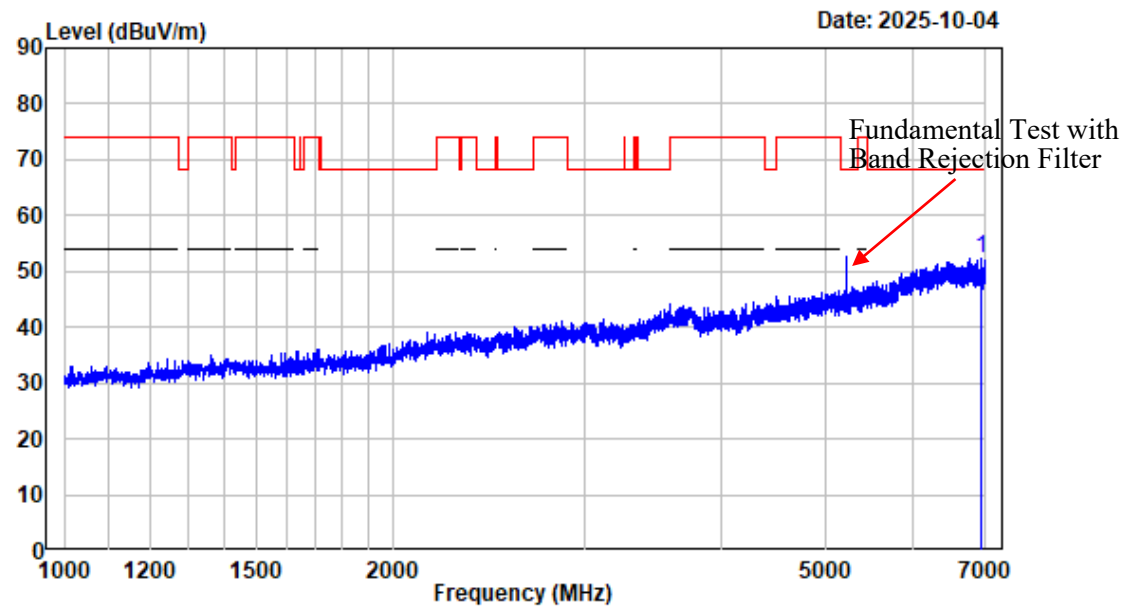
1-7GHz\_Horizontal\_802.11ac80\_5210MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6254.500 | -3.82      | 55.77  | 51.95      | 68.20      | -16.25 Peak |

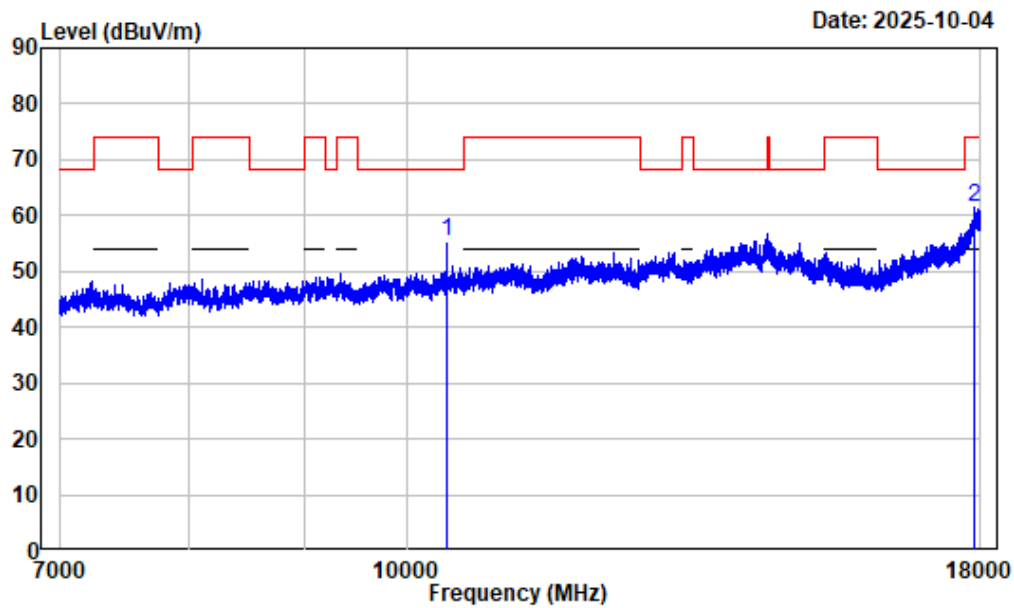
1-7GHz\_Vertical\_802.11ac80\_5210MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5WiFi\_B1\_AC80\_5210

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6937.000 | -2.75      | 55.05  | 52.30      | 68.20      | -15.90 Peak |

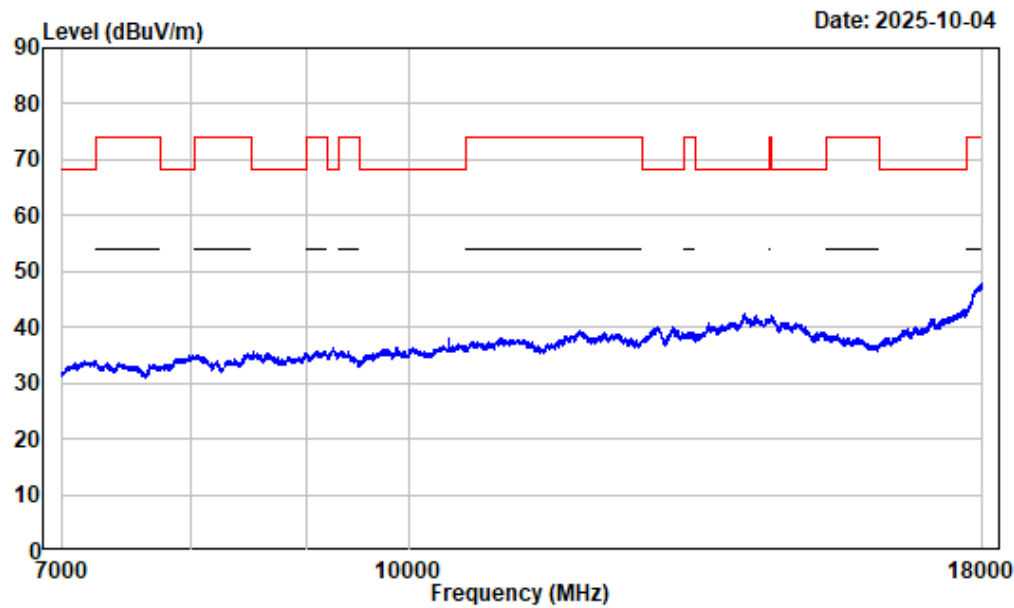
## 7-18GHz\_Horizontal\_Peak\_802.11ac80\_5210MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 10420.000 | 2.40  | 53.04      | 55.44  | 68.20  | -12.76 | Peak   |
| 2 17902.380 | 12.77 | 48.66      | 61.43  | 74.00  | -12.57 | Peak   |

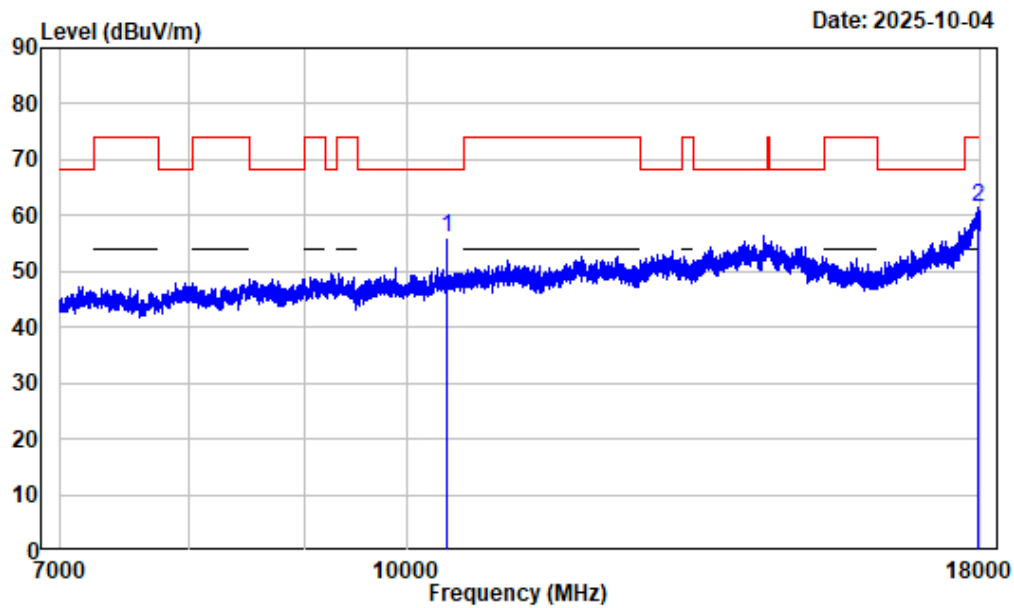
7-18GHz\_Horizontal\_Average\_802.11ac80\_5210MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 18000.000 | 13.26 | 34.63      | 47.89  | 54.00  | -6.11 | Average |

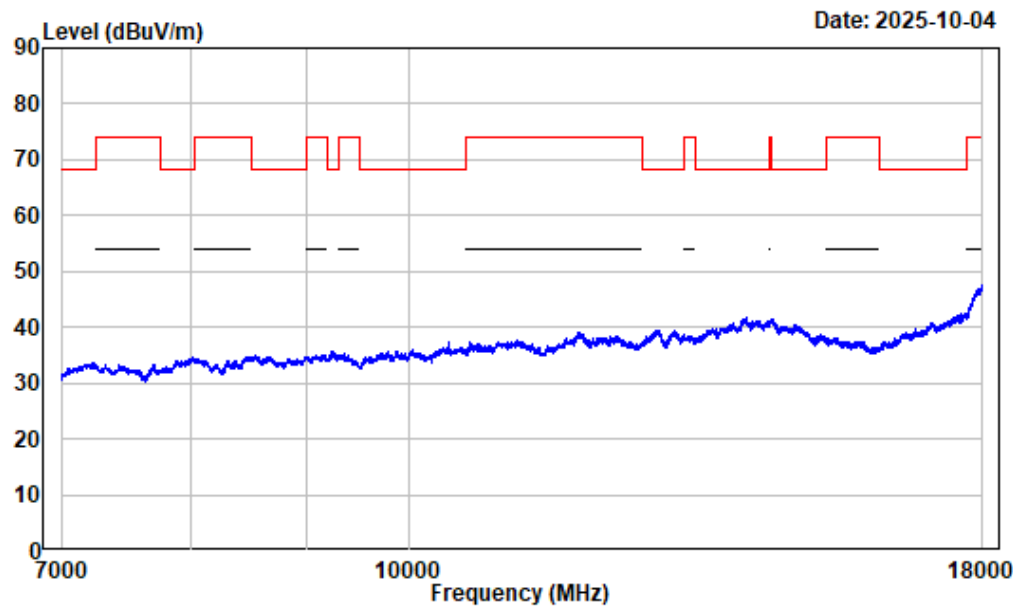
## 7-18GHz\_Vertical\_Peak\_802.11ac80\_5210MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10420.000 | 2.40  | 53.56 | 55.96  | 68.20  | -12.24 | Peak   |
| 2 17943.630 | 12.98 | 48.40 | 61.38  | 74.00  | -12.62 | Peak   |

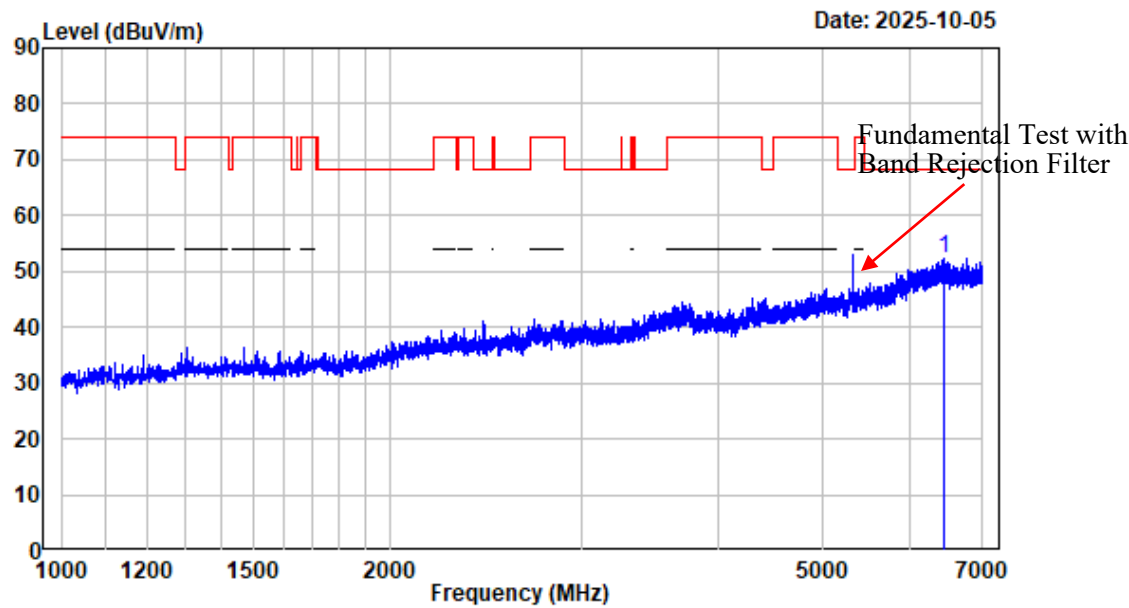
7-18GHz\_Vertical\_Average\_802.11ac80\_5210MHz-B1



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B1\_AC80\_5210

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark  |
|-------------|-------|------------|--------|------------|------------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 18000.000 | 13.26 | 34.43      | 47.69  | 54.00      | -6.31      | Average |

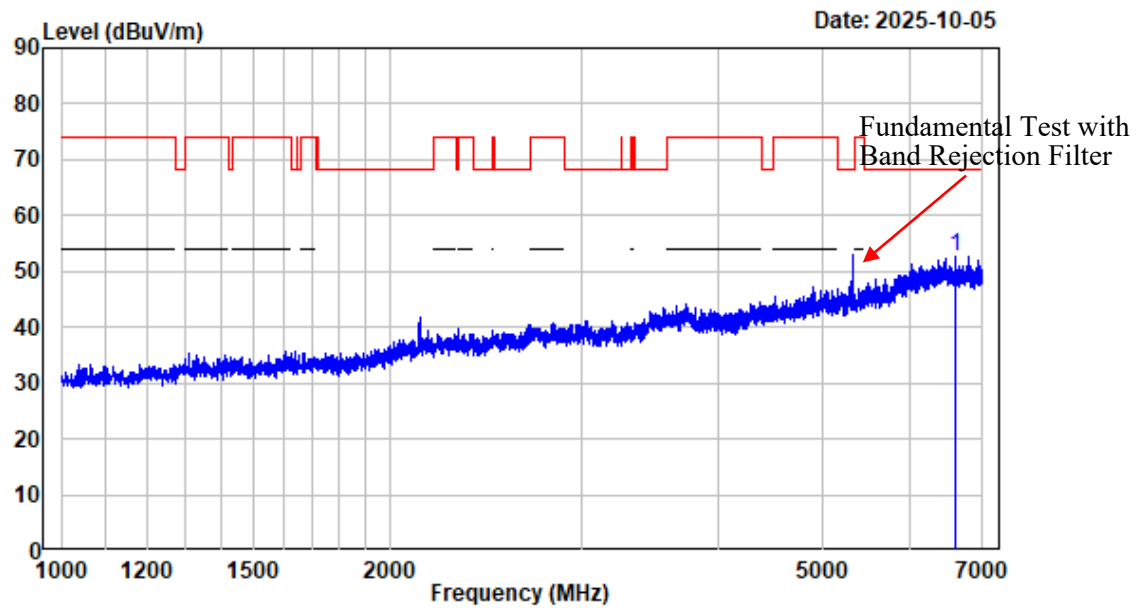
1-7GHz\_Horizontal\_802.11a\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6449.500 | -2.86      | 55.31  | 52.45      | 68.20      | -15.75 Peak |

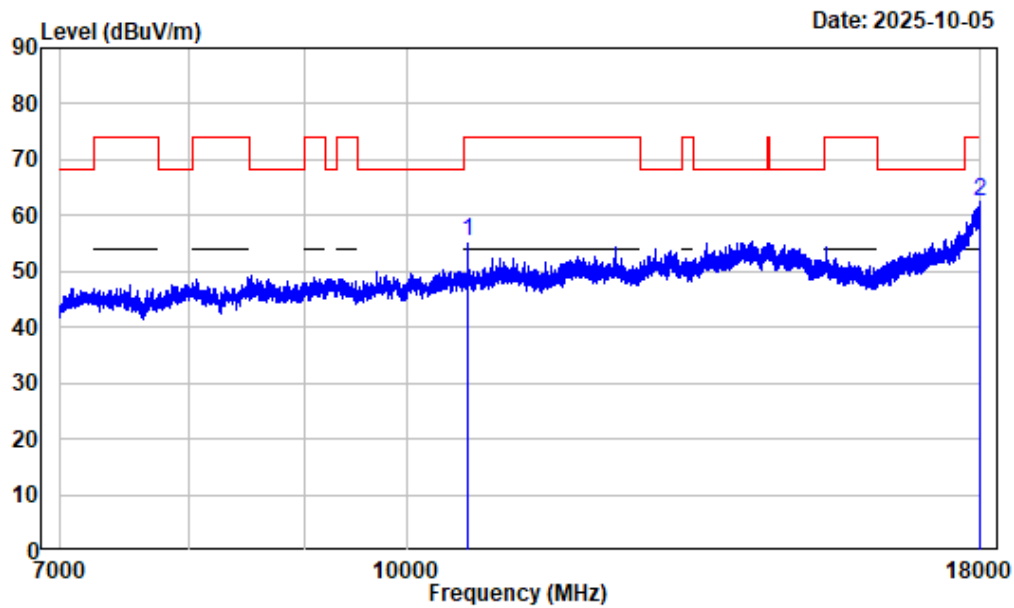
1-7GHz\_Vertical\_802.11a\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6609.250 | -3.08      | 55.89  | 52.81      | 68.20      | -15.39 Peak |

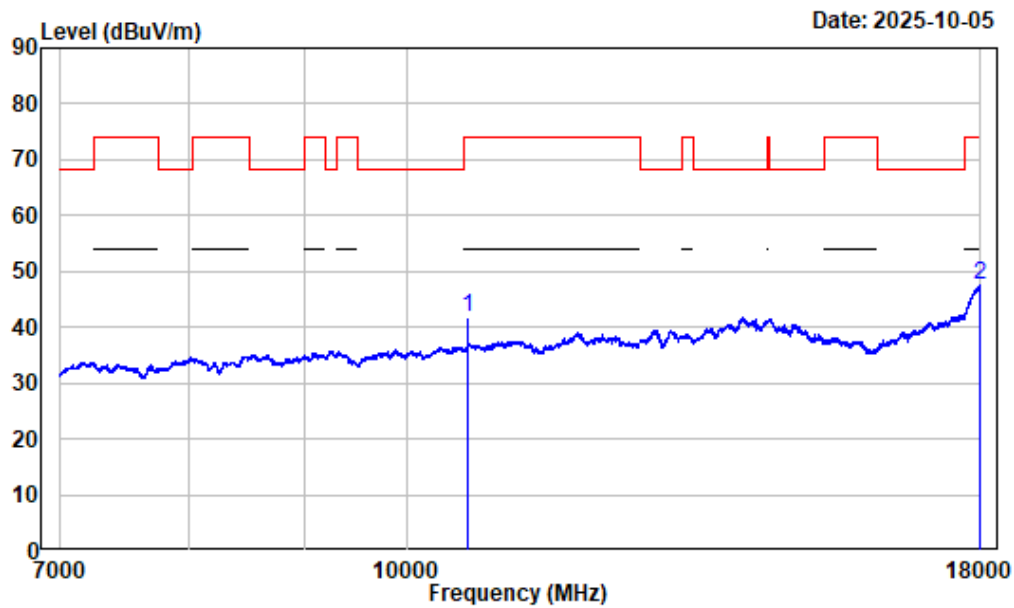
## 7-18GHz\_Horizontal\_Peak\_802.11a\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
| MHz         | dB/m  | Level | Level  | Line   |             |
|             |       | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 10640.000 | 2.57  | 52.95 | 55.52  | 74.00  | -18.48 Peak |
| 2 17980.750 | 13.17 | 49.17 | 62.34  | 74.00  | -11.66 Peak |

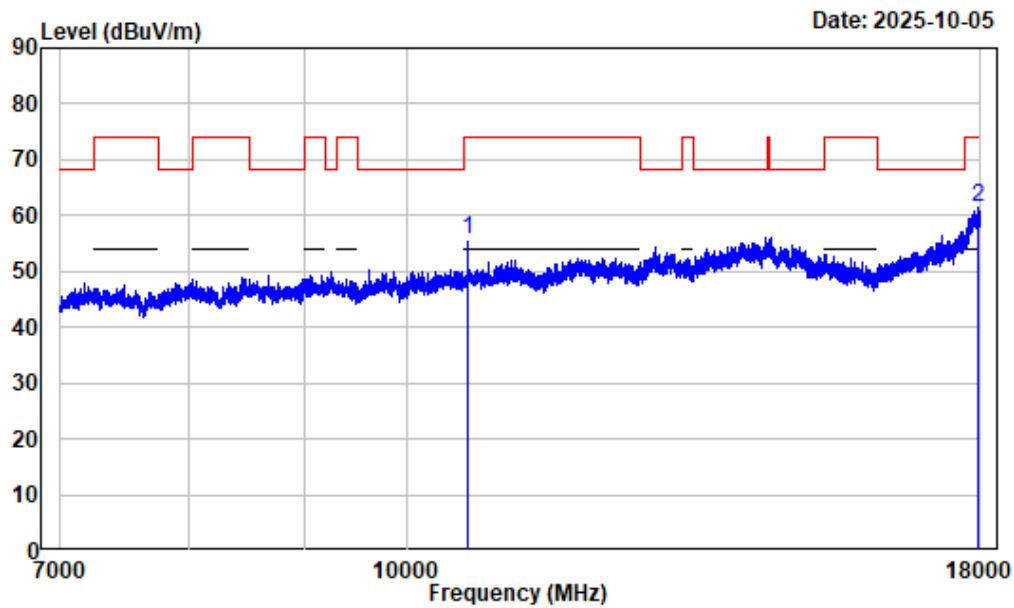
## 7-18GHz\_Horizontal\_Average\_802.11a\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
|             |       |            |        | Line   | Limit  |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 10640.000 | 2.57  | 39.36      | 41.93  | 54.00  | -12.07 | Average |
| 2 17979.380 | 13.16 | 34.32      | 47.48  | 54.00  | -6.52  | Average |

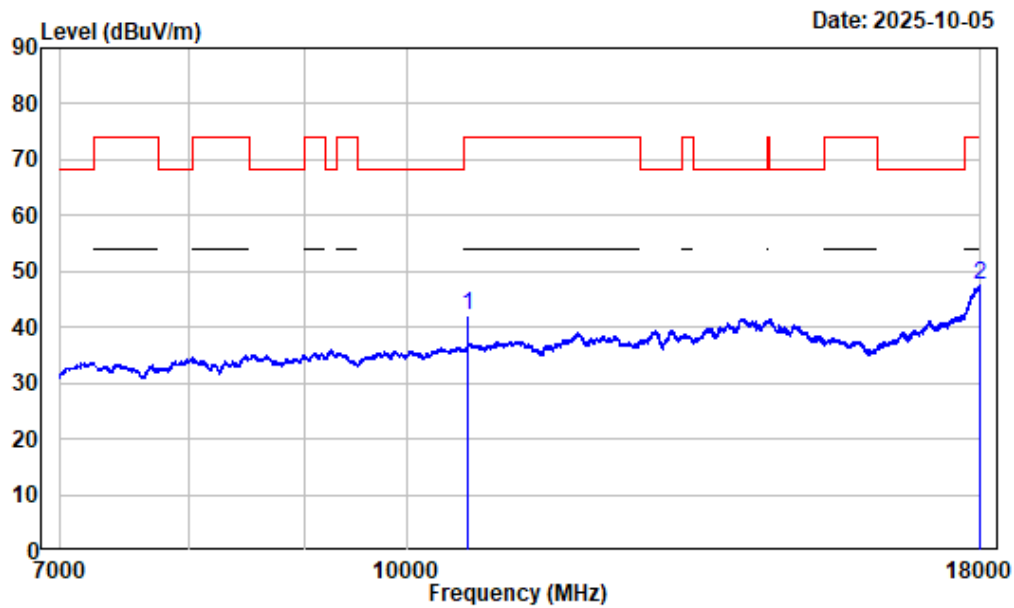
## 7-18GHz\_Vertical\_Peak\_802.11a\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10640.000 | 2.57  | 53.19 | 55.76  | 74.00  | -18.24 | Peak   |
| 2 17957.380 | 13.04 | 48.39 | 61.43  | 74.00  | -12.57 | Peak   |

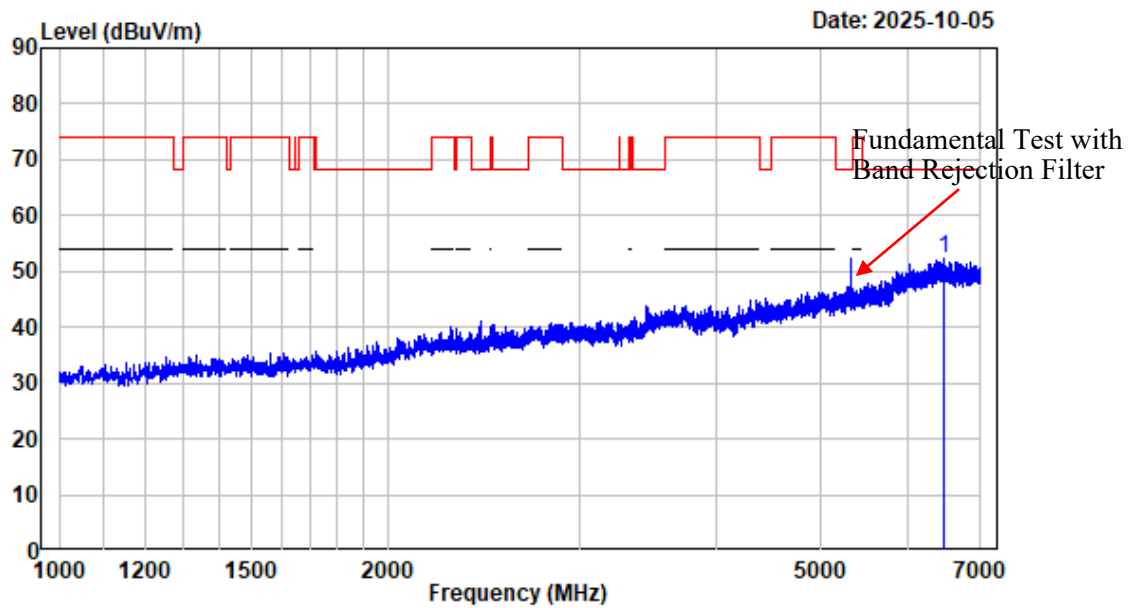
## 7-18GHz\_Vertical\_Average\_802.11a\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_A\_5320

| Freq Factor |       | Read  |        | Limit  | Over   | Remark  |
|-------------|-------|-------|--------|--------|--------|---------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |         |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |         |
| 1 10640.000 | 2.57  | 39.38 | 41.95  | 54.00  | -12.05 | Average |
| 2 17982.130 | 13.16 | 34.27 | 47.43  | 54.00  | -6.57  | Average |

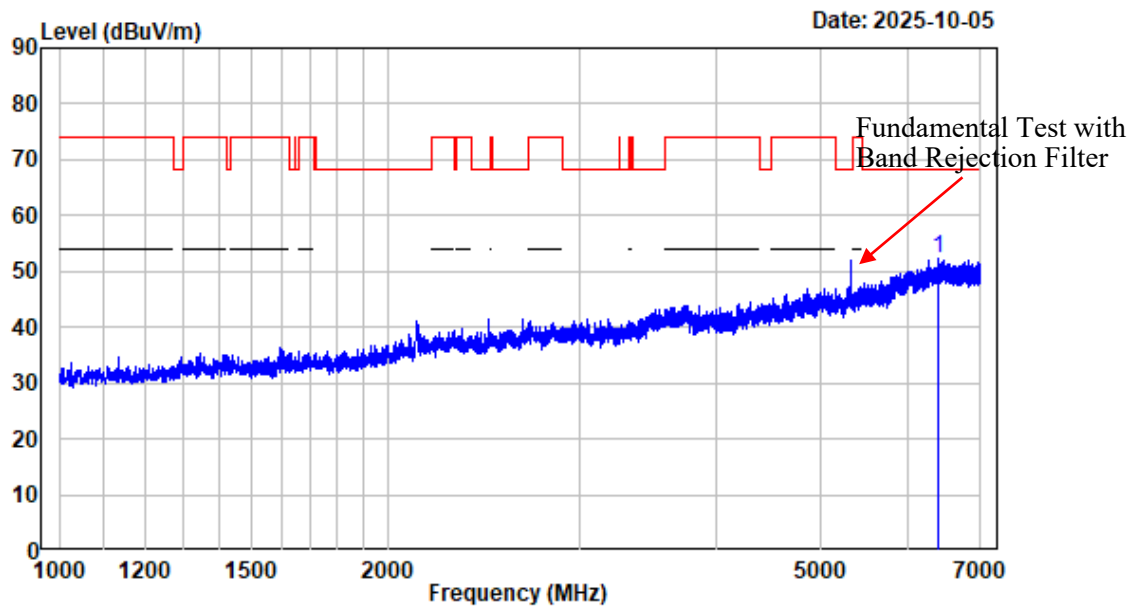
## 1-7GHz\_Horizontal\_802.11ac20\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6488.500 | -2.94      | 55.12  | 52.18      | 68.20      | -16.02 Peak |

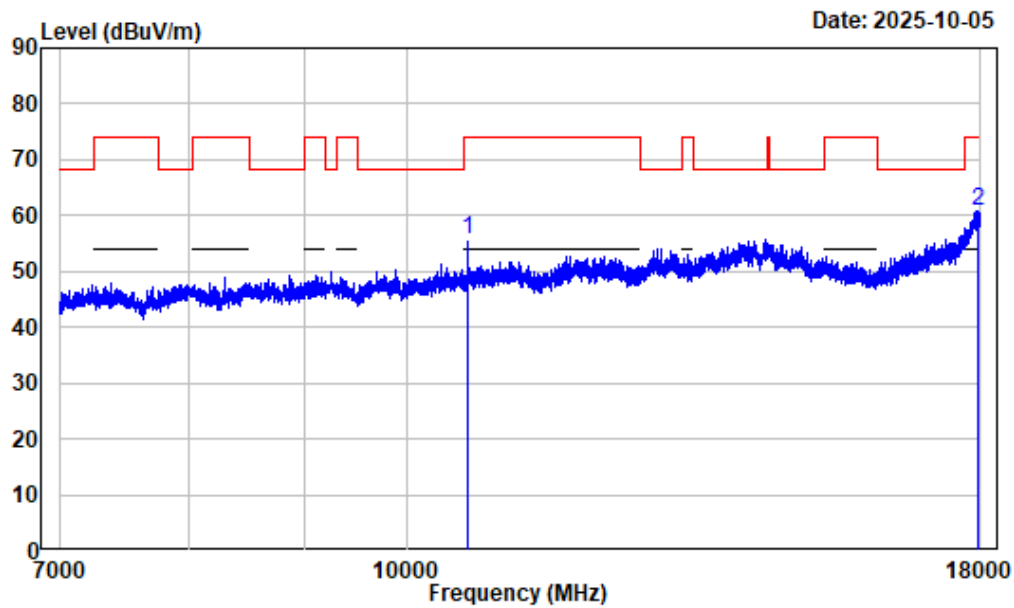
## 1-7GHz\_Vertical\_802.11ac20\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6408.250 | -2.86      | 55.01  | 52.15  | 68.20 | -16.05 Peak |

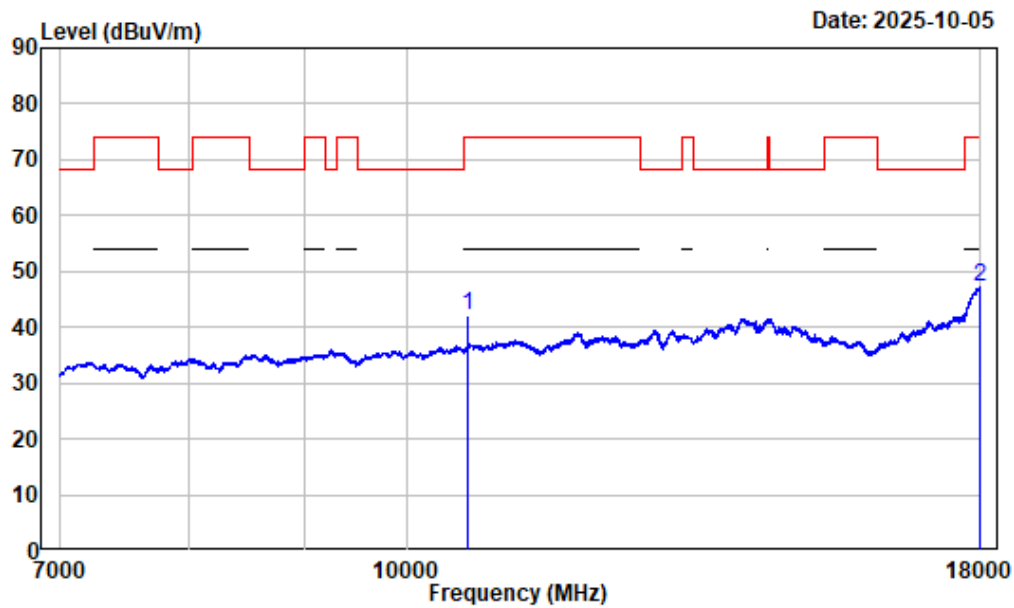
## 7-18GHz\_Horizontal\_Peak\_802.11ac20\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 10640.000 | 2.57  | 53.18      | 55.75  | 74.00  | -18.25 | Peak   |
| 2 17939.500 | 12.96 | 47.93      | 60.89  | 74.00  | -13.11 | Peak   |

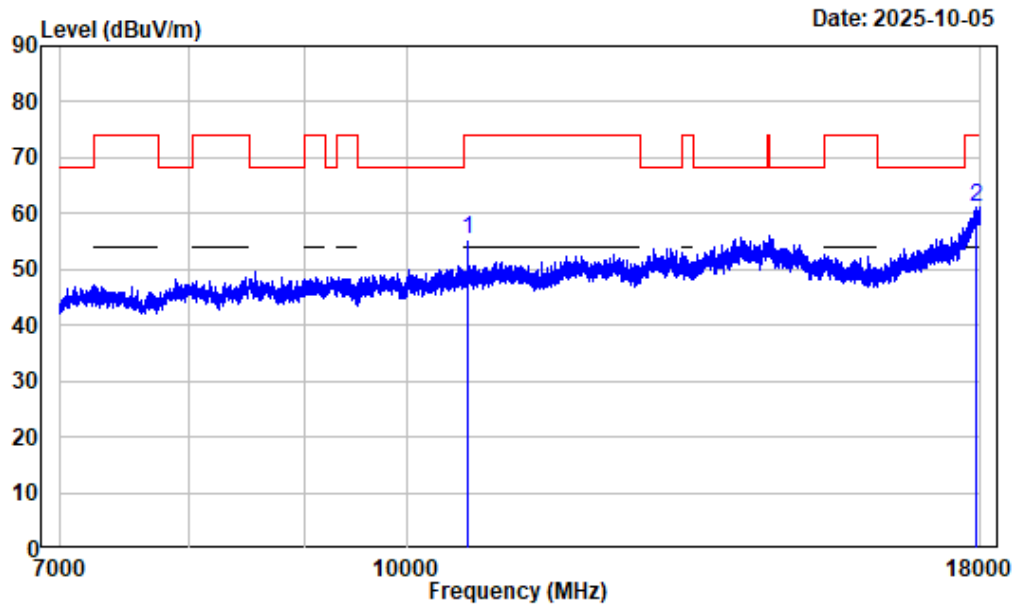
## 7-18GHz\_Horizontal\_Average\_802.11ac20\_5320MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 10640.000 | 2.57  | 39.42      | 41.99  | 54.00  | -12.01 | Average |
| 2 17986.250 | 13.18 | 34.10      | 47.28  | 54.00  | -6.72  | Average |

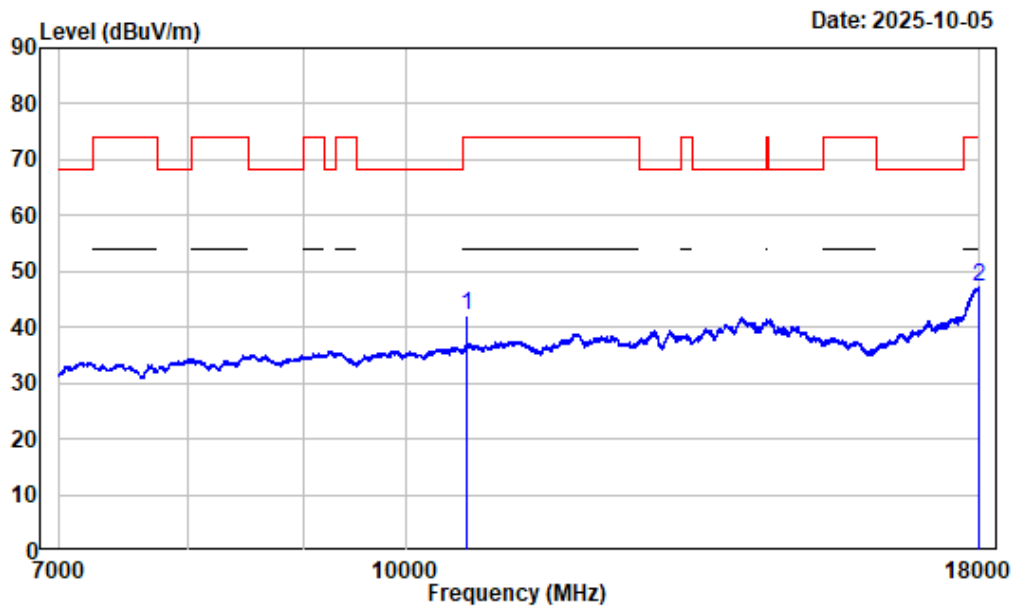
## 7-18GHz\_Vertical\_Peak\_802.11ac20\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 10640.000 | 2.57  | 52.74 | 55.31  | 74.00  | -18.69 Peak |
| 2 17909.250 | 12.80 | 48.37 | 61.17  | 74.00  | -12.83 Peak |

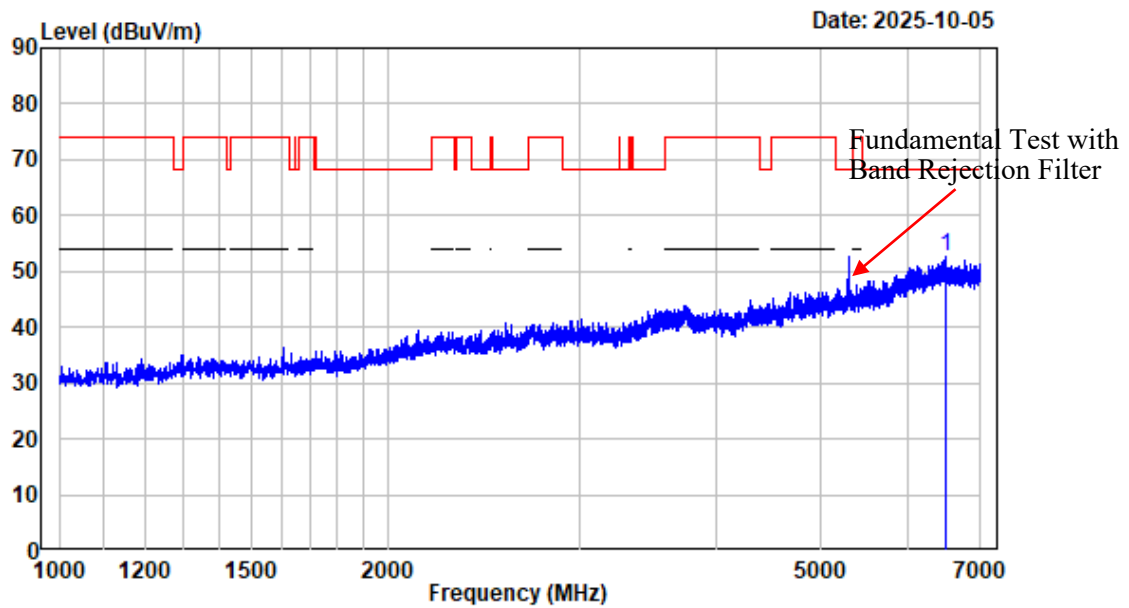
7-18GHz\_Vertical\_Average\_802.11ac20\_5320MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC20\_5320

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 10640.000 | 2.57  | 39.41      | 41.98  | 54.00  | -12.02 | Average |
| 2 17993.130 | 13.23 | 33.87      | 47.10  | 54.00  | -6.90  | Average |

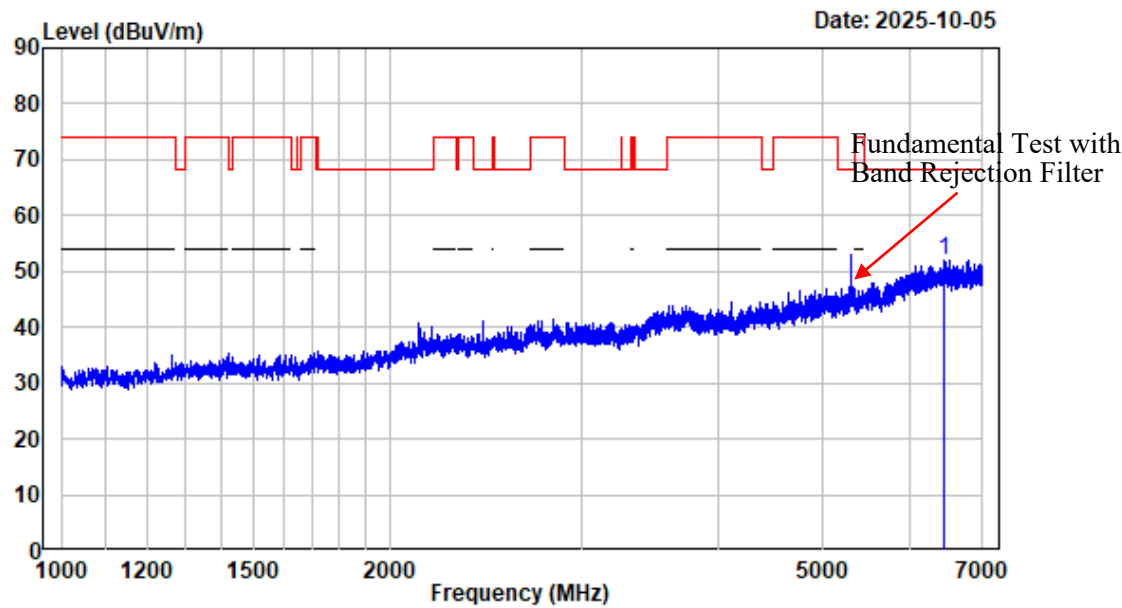
1-7GHz\_Horizontal\_802.11ac40\_5310MHz



Condition : Horizontal  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |       | Read Level |        | Limit Line | Over Limit | Remark |
|-------------|-------|------------|--------|------------|------------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 6495.250  | -2.95 | 55.67      | 52.72  | 68.20      | -15.48     | Peak   |

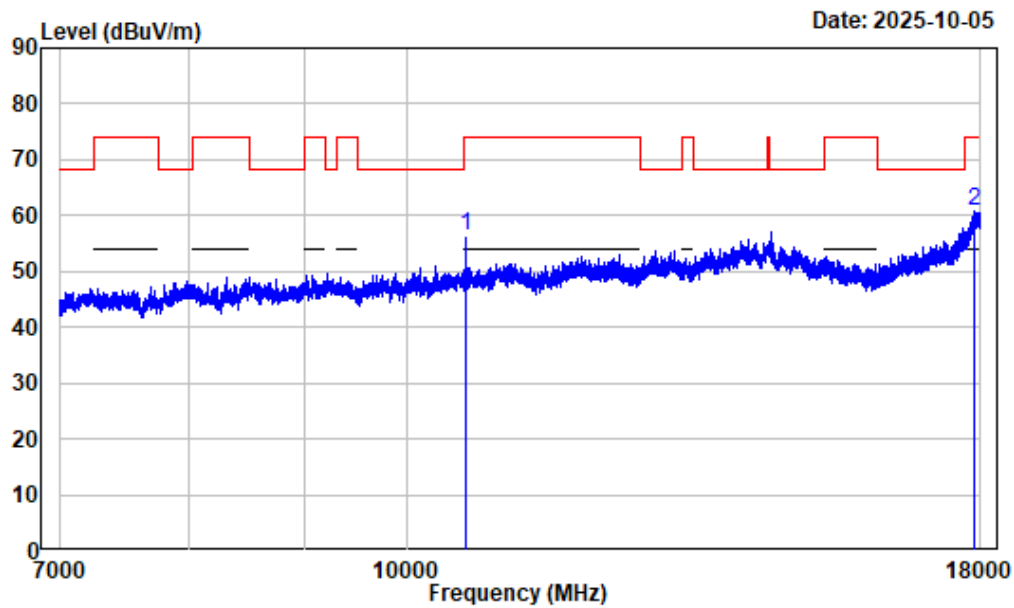
1-7GHz\_Vertical\_802.11ac40\_5310MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6459.250 | -2.88      | 54.79  | 51.91  | 68.20 | -16.29 Peak |

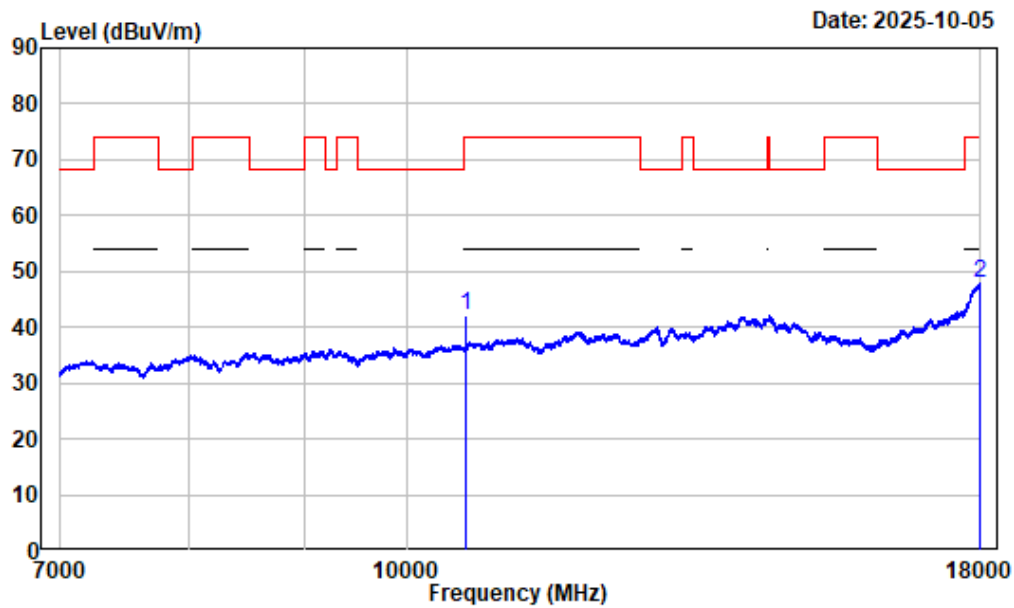
## 7-18GHz\_Horizontal\_Peak\_802.11ac40\_5310MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 10620.000 | 2.39  | 53.93      | 56.32  | 74.00  | -17.68 | Peak   |
| 2 17895.500 | 12.67 | 48.11      | 60.78  | 74.00  | -13.22 | Peak   |

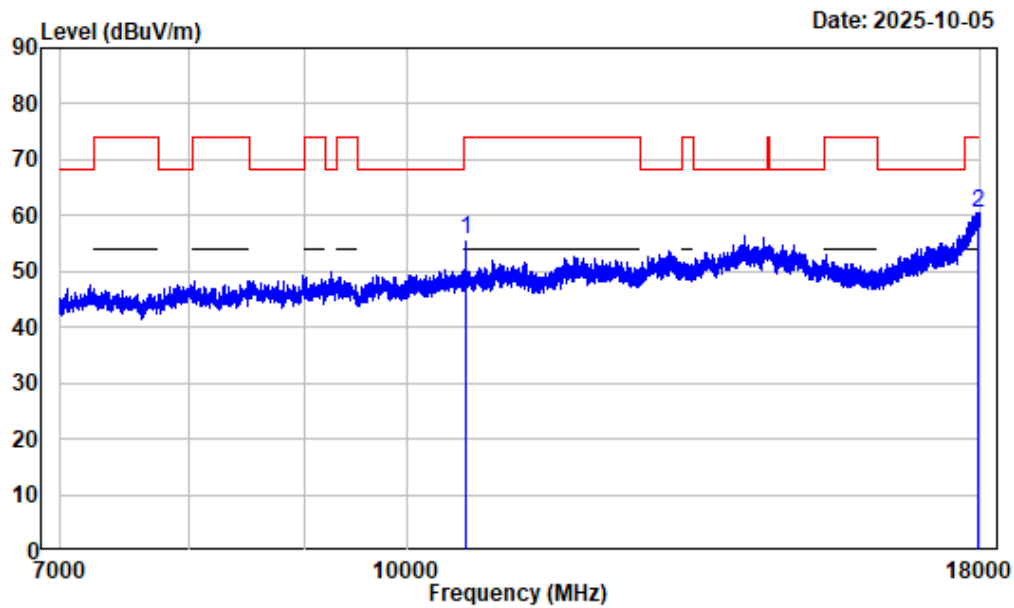
## 7-18GHz\_Horizontal\_Average\_802.11ac40\_5310MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 10620.000 | 2.39  | 39.85      | 42.24  | 54.00  | -11.76 | Average |
| 2 17980.750 | 13.17 | 34.65      | 47.82  | 54.00  | -6.18  | Average |

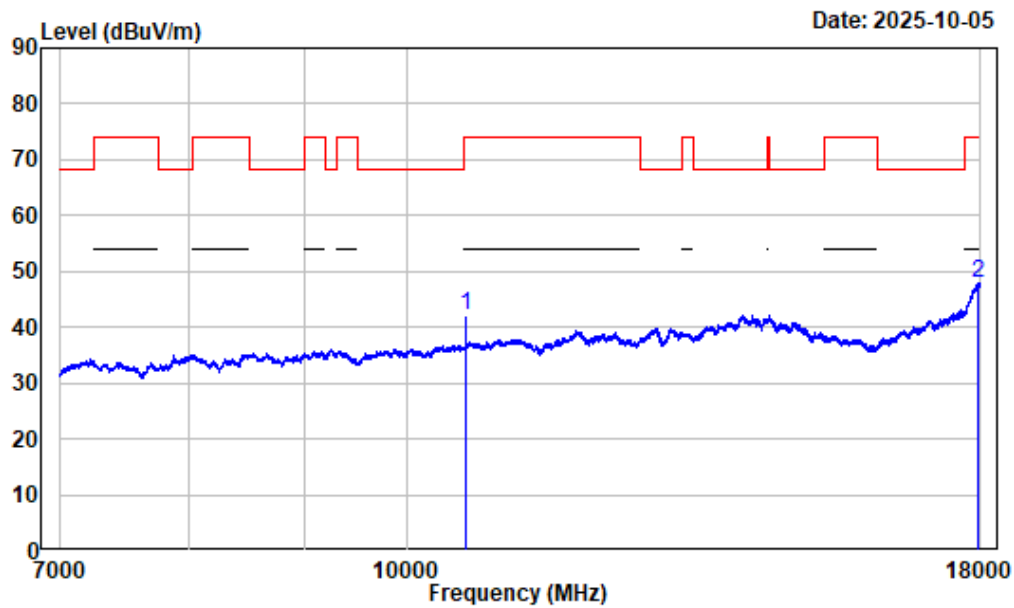
## 7-18GHz\_Vertical\_Peak\_802.11ac40\_5310MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
|             |       | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10620.000 | 2.39  | 53.22 | 55.61  | 74.00  | -18.39 | Peak   |
| 2 17954.630 | 13.03 | 47.52 | 60.55  | 74.00  | -13.45 | Peak   |

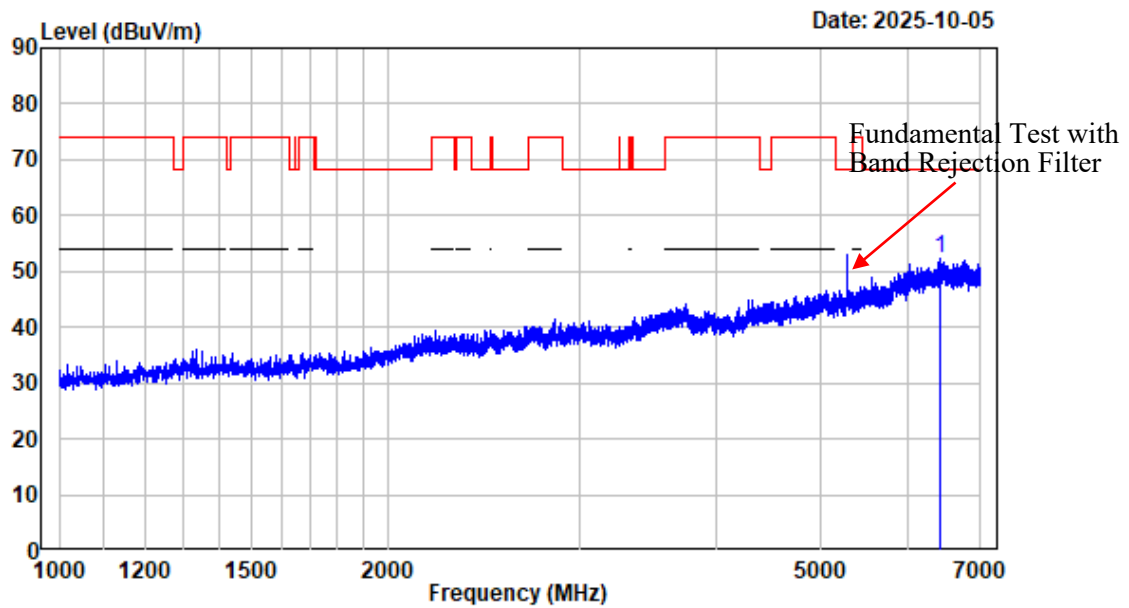
## 7-18GHz\_Vertical\_Average\_802.11ac40\_5310MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC40\_5310

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 10620.000 | 2.39  | 39.79      | 42.18  | 54.00  | -11.82 | Average |
| 2 17965.630 | 13.08 | 34.81      | 47.89  | 54.00  | -6.11  | Average |

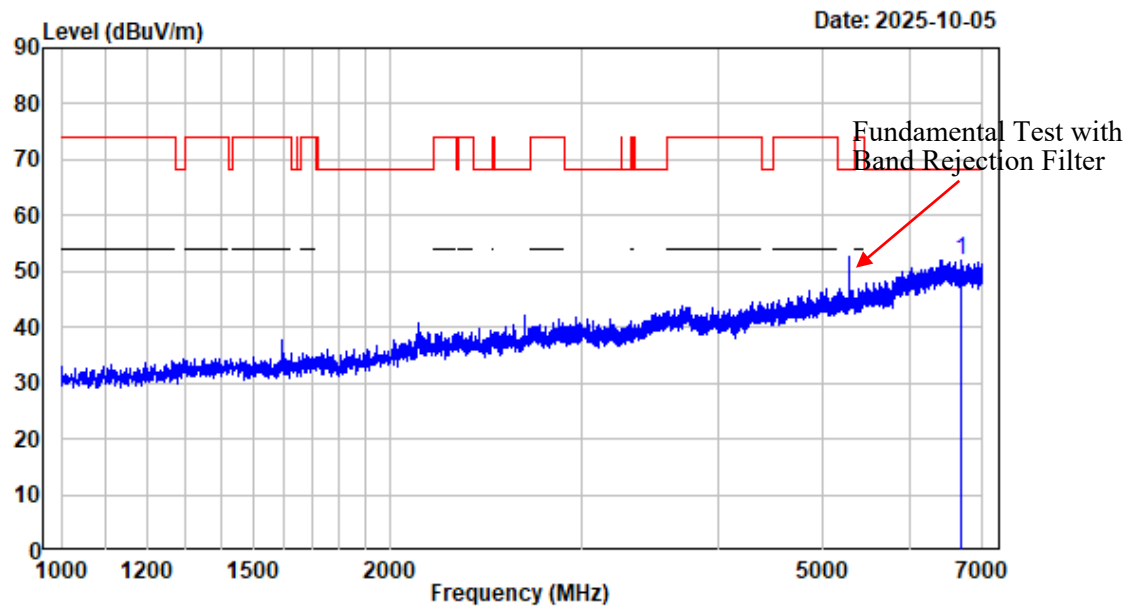
## 1-7GHz\_Horizontal\_802.11ac80\_5290MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6420.250 | -2.86      | 55.06  | 52.20      | 68.20      | -16.00 Peak |

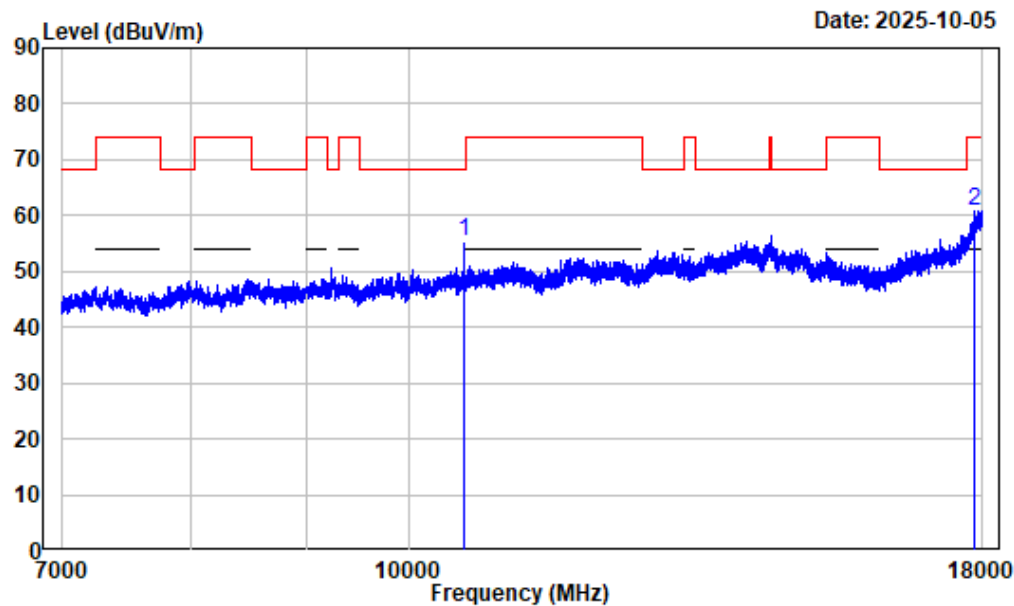
1-7GHz\_Vertical\_802.11ac80\_5290MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6693.250 | -3.26      | 55.32  | 52.06  | 68.20 | -16.14 Peak |

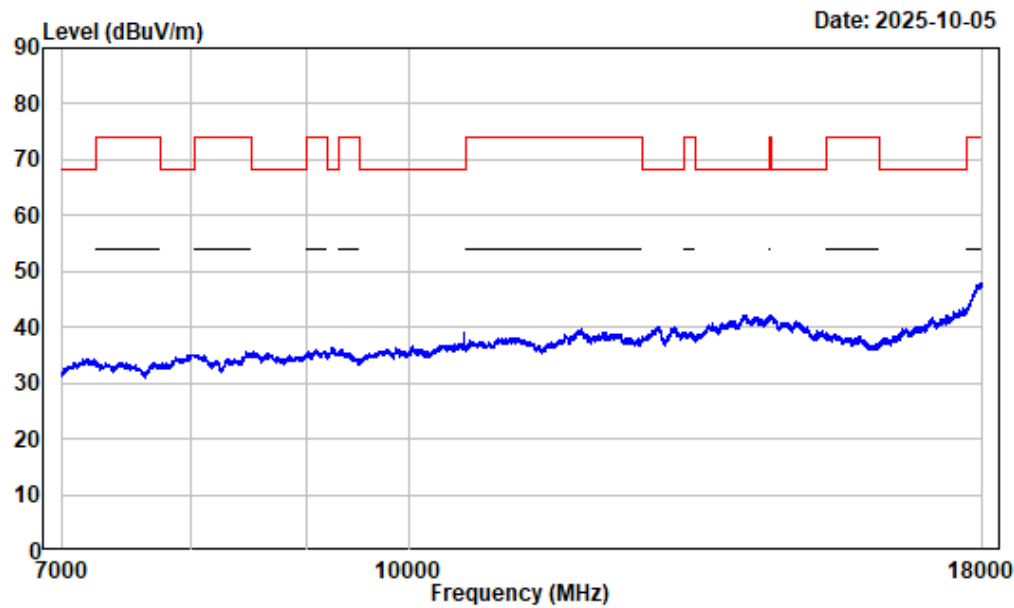
7-18GHz\_Horizontal\_Peak\_802.11ac80\_5290MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10580.000 | 2.18  | 53.26 | 55.44  | 68.20  | -12.76 | Peak   |
| 2 17863.880 | 12.08 | 48.88 | 60.96  | 74.00  | -13.04 | Peak   |

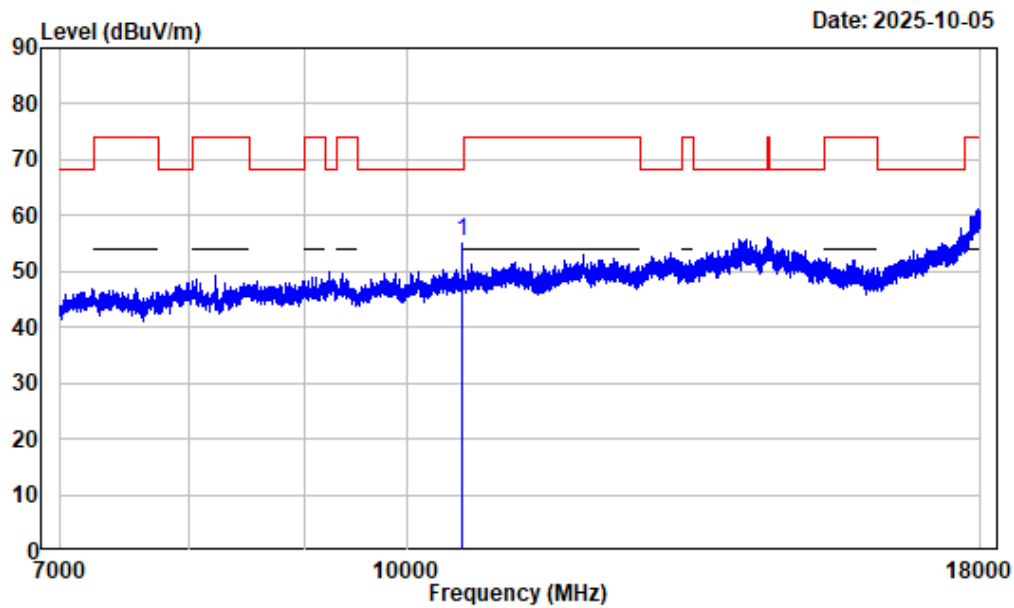
7-18GHz\_Horizontal\_Average\_802.11ac80\_5290MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
|             |       |            |        | Line   | Limit |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 18000.000 | 13.26 | 34.72      | 47.98  | 54.00  | -6.02 | Average |

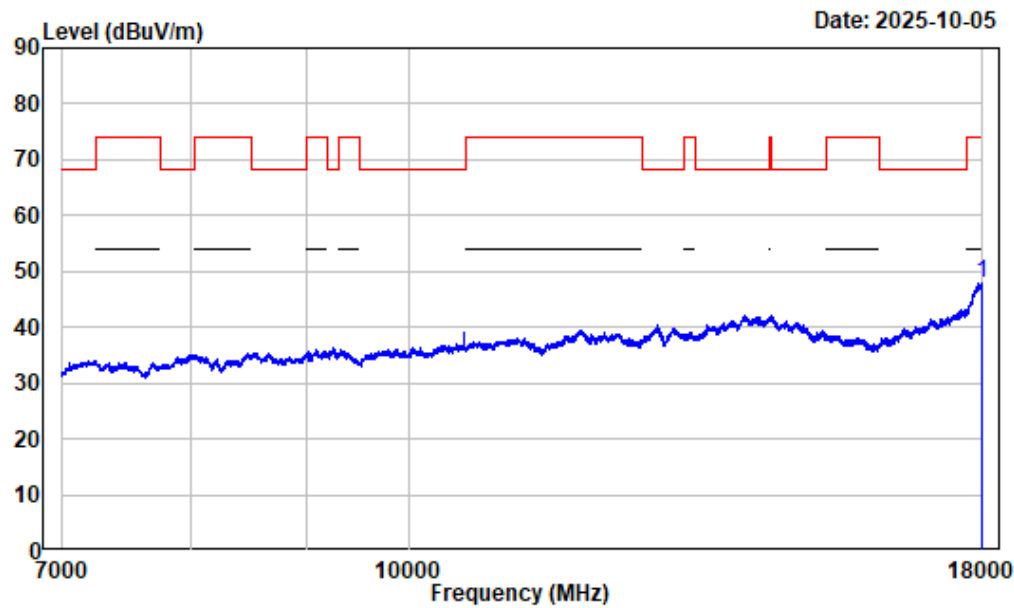
7-18GHz\_Vertical\_Peak\_802.11ac80\_5290MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 10580.000 | 2.18  | 53.16 | 55.34  | 68.20  | -12.86 | Peak   |
| 2 18000.000 | 13.26 | 48.04 | 61.30  | 74.00  | -12.70 | Peak   |

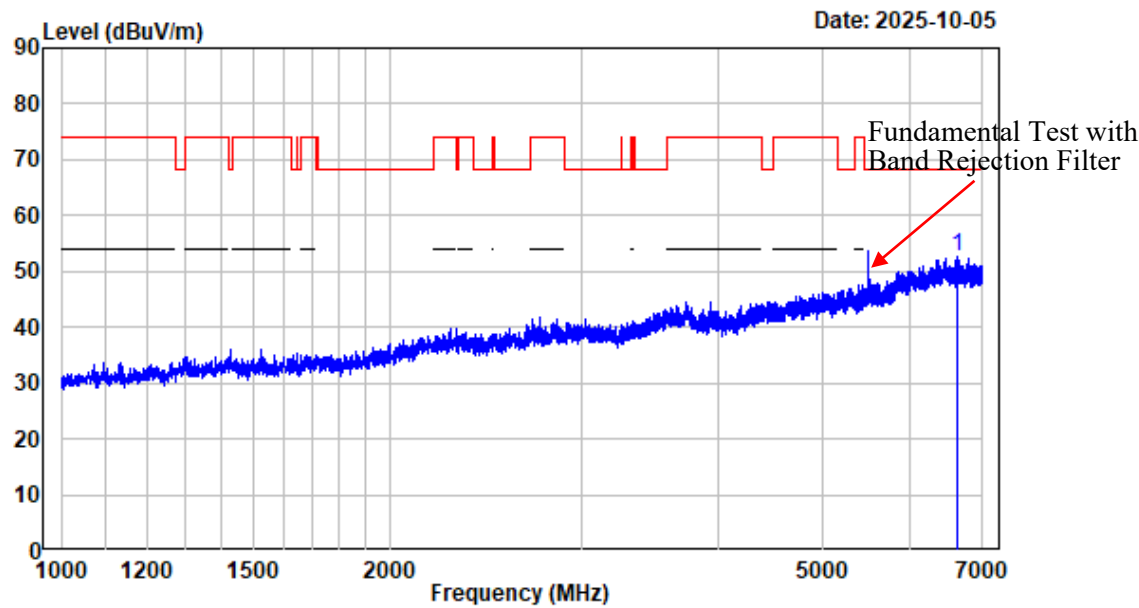
7-18GHz\_Vertical\_Average\_802.11ac80\_5290MHz-B2



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B2\_AC80\_5290

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 17994.500 | 13.23 | 34.77      | 48.00  | 54.00  | -6.00 | Average |

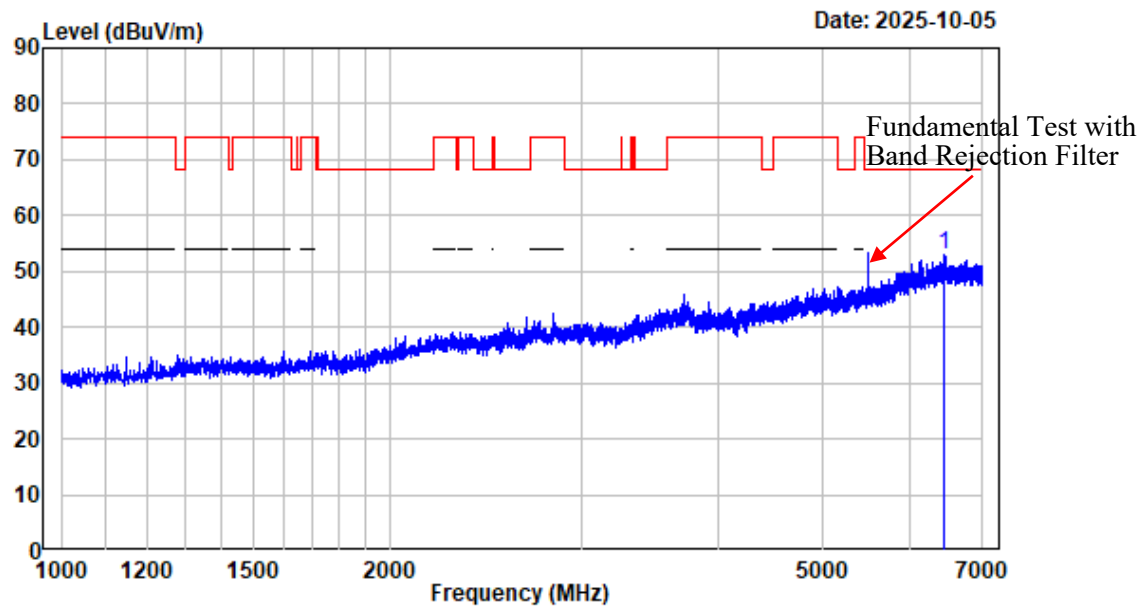
1-7GHz\_Horizontal\_802.11a\_5500MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
|             |       |            |        | Line   | Limit  |        |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 6633.250  | -2.98 | 55.76      | 52.78  | 68.20  | -15.42 | Peak   |

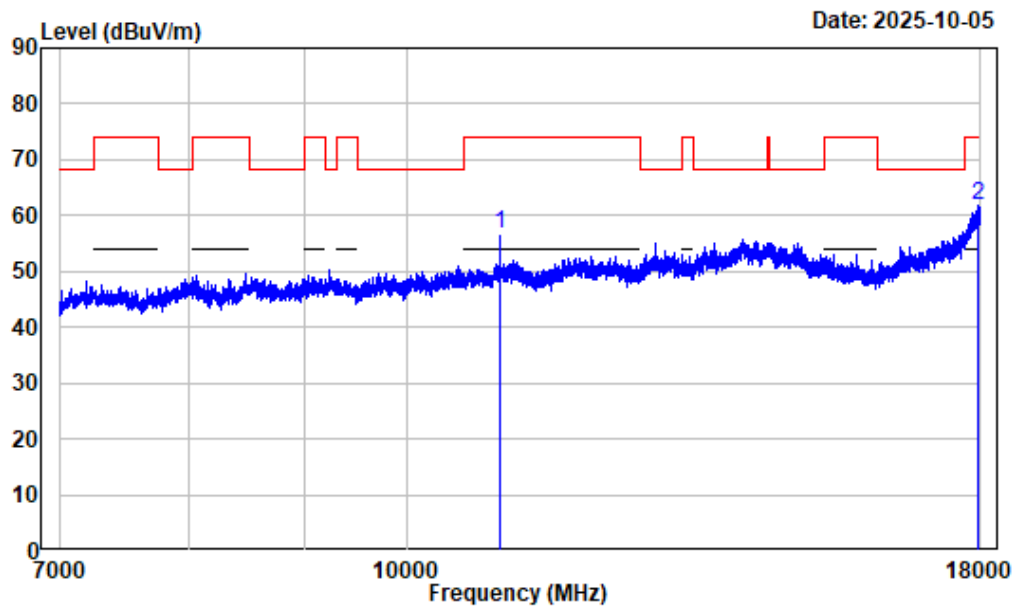
1-7GHz\_Vertical\_802.11a\_5500MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6449.500 | -2.86      | 55.78  | 52.92  | 68.20 | -15.28 Peak |

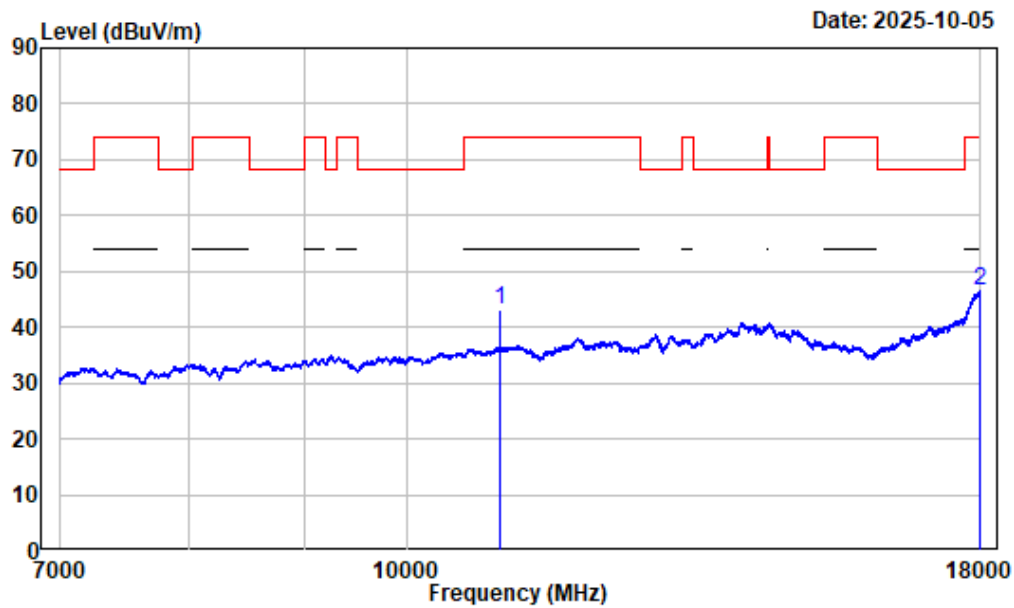
## 7-18GHz\_Horizontal\_Peak\_802.11a\_5500MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

|   | Freq      | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|-----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz       | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 11000.000 | 4.25   | 52.55         | 56.80  | 74.00         | -17.20        | Peak   |
| 2 | 17945.000 | 12.97  | 48.69         | 61.66  | 74.00         | -12.34        | Peak   |

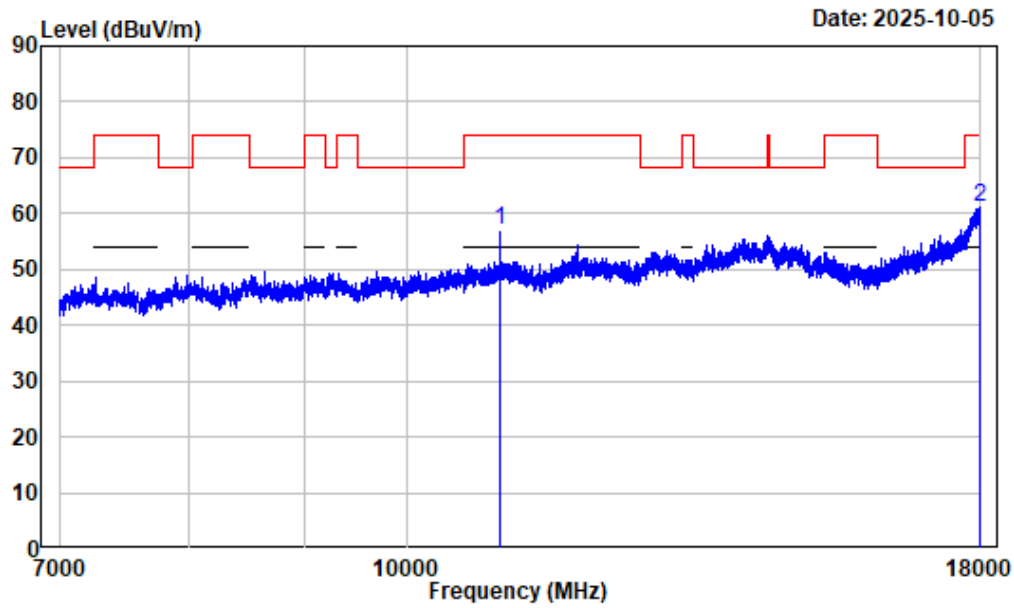
## 7-18GHz\_Horizontal\_Average\_802.11a\_5500MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11000.000 | 4.25  | 38.94      | 43.19  | 54.00  | -10.81 | Average |
| 2 17995.880 | 13.24 | 33.31      | 46.55  | 54.00  | -7.45  | Average |

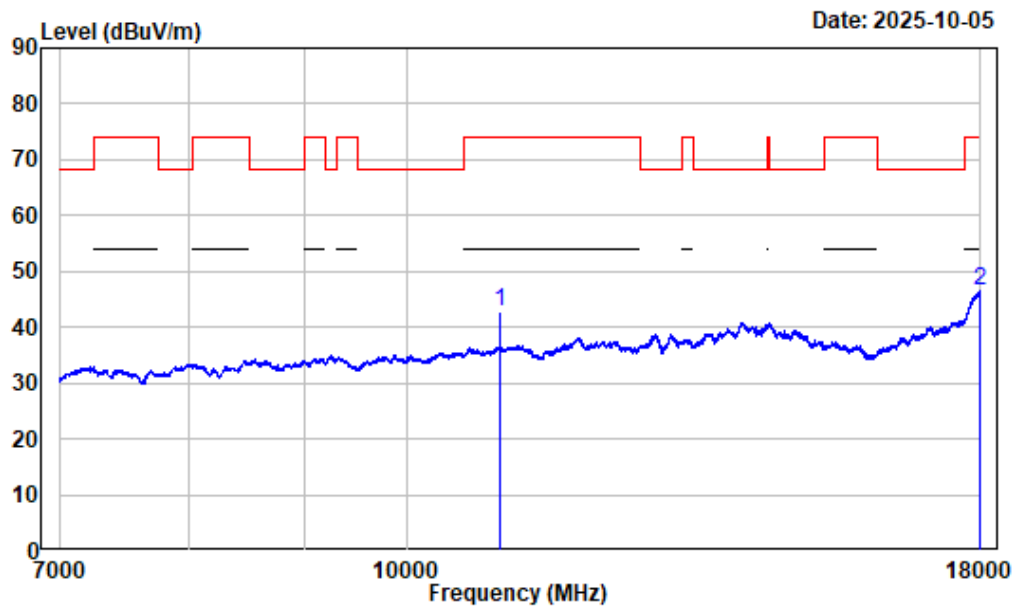
7-18GHz\_Vertical\_Peak\_802.11a\_5500MHz



Condition : Vertical  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 11000.000 | 4.25  | 52.95 | 57.20  | 74.00  | -16.80 Peak |
| 2 17976.630 | 13.15 | 47.87 | 61.02  | 74.00  | -12.98 Peak |

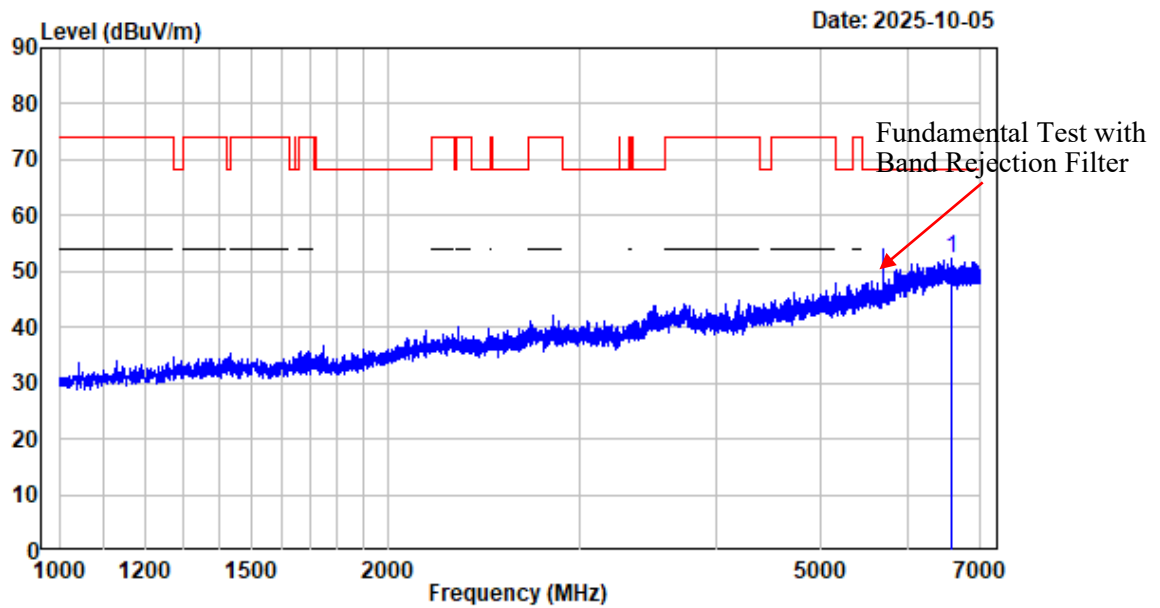
## 7-18GHz\_Vertical\_Average\_802.11a\_5500MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_A\_5500

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11000.000 | 4.25  | 38.59      | 42.84  | 54.00  | -11.16 | Average |
| 2 17993.130 | 13.23 | 33.28      | 46.51  | 54.00  | -7.49  | Average |

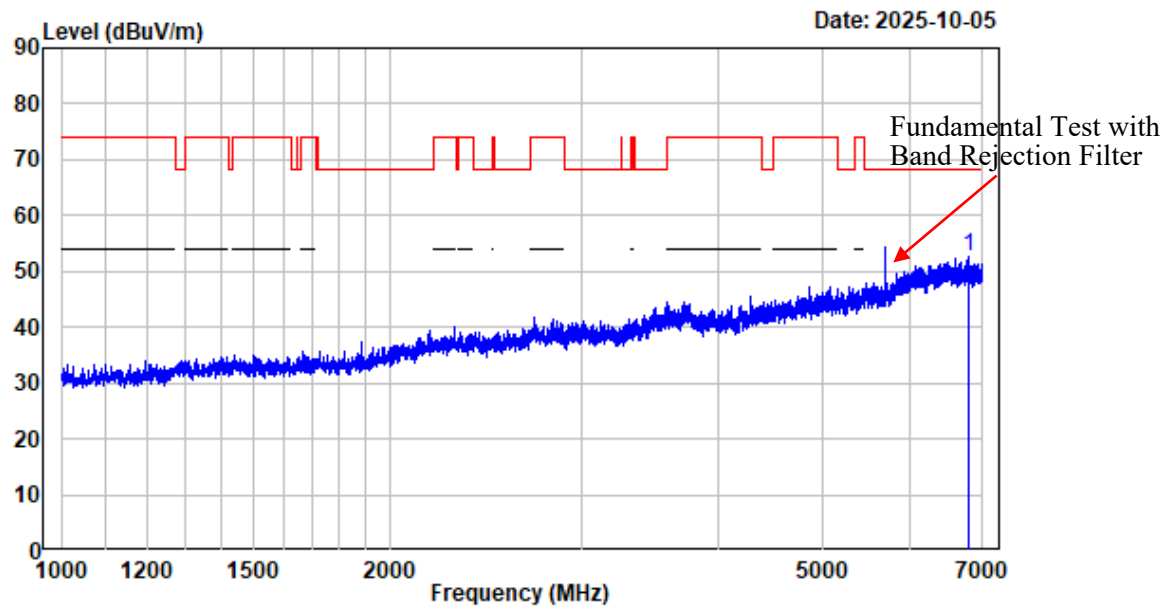
## 1-7GHz\_Horizontal\_802.11ac20\_5700MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6586.750 | -3.09      | 55.44  | 52.35  | 68.20 | -15.85 Peak |

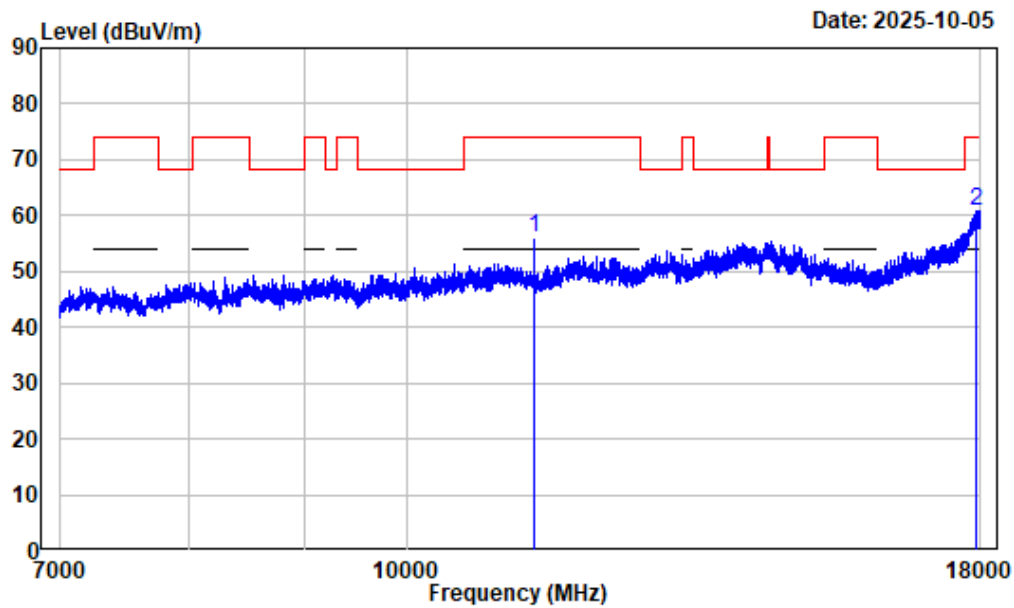
1-7GHz\_Vertical\_802.11ac20\_5700MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6791.500 | -3.34      | 55.86  | 52.52      | 68.20      | -15.68 Peak |

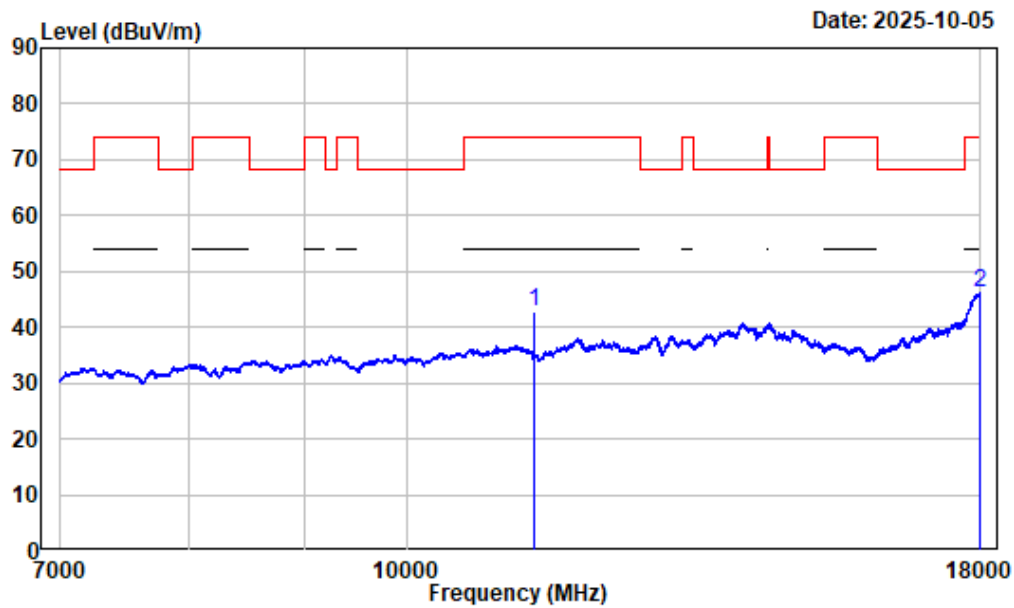
## 7-18GHz\_Horizontal\_Peak\_802.11ac20\_5700MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 11400.000 | 3.31  | 52.87      | 56.18  | 74.00  | -17.82 | Peak   |
| 2 17931.250 | 12.92 | 47.85      | 60.77  | 74.00  | -13.23 | Peak   |

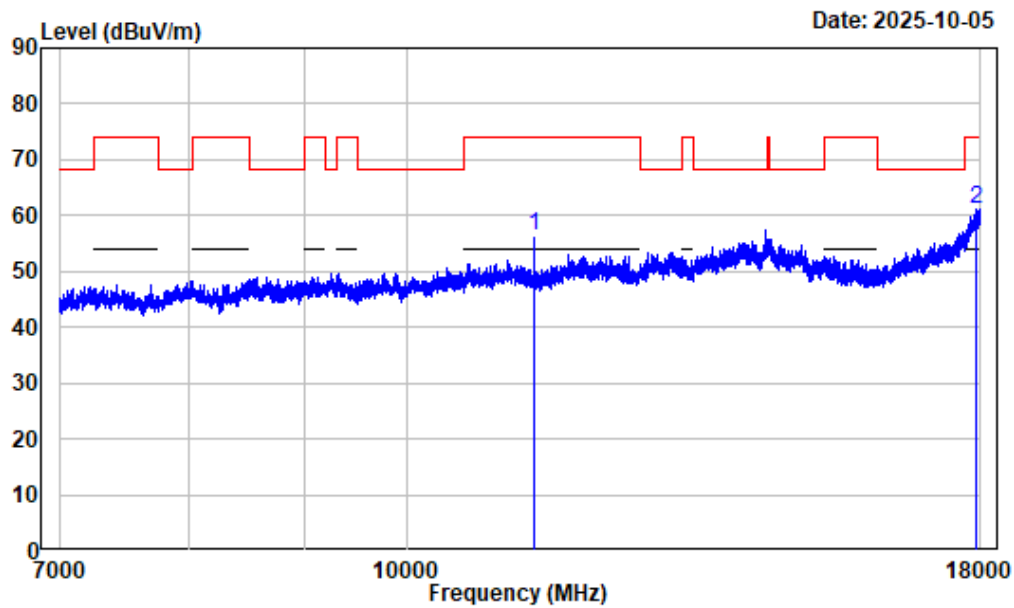
## 7-18GHz\_Horizontal\_Average\_802.11ac20\_5700MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11400.000 | 3.31  | 39.47      | 42.78  | 54.00  | -11.22 | Average |
| 2 17998.630 | 13.25 | 32.94      | 46.19  | 54.00  | -7.81  | Average |

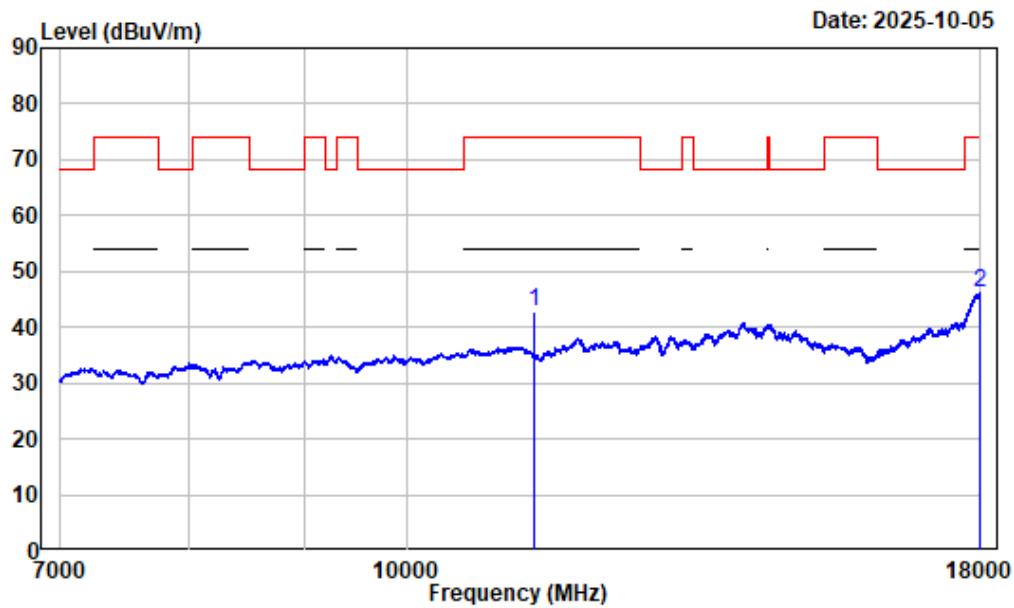
## 7-18GHz\_Vertical\_Peak\_802.11ac20\_5700MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

|   | Freq      | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|-----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz       | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 11400.000 | 3.31   | 53.01         | 56.32  | 74.00         | -17.68        | Peak   |
| 2 | 17927.130 | 12.89  | 48.33         | 61.22  | 74.00         | -12.78        | Peak   |

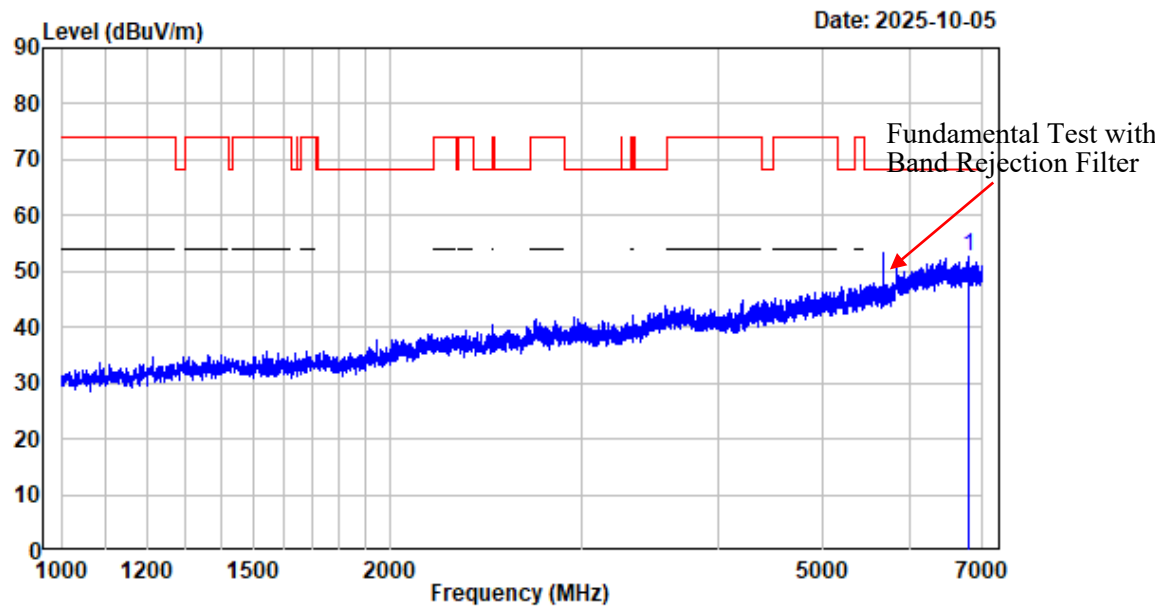
## 7-18GHz\_Vertical\_Average\_802.11ac20\_5700MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC20\_5700

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11400.000 | 3.31  | 39.50      | 42.81  | 54.00  | -11.19 | Average |
| 2 17998.630 | 13.25 | 32.90      | 46.15  | 54.00  | -7.85  | Average |

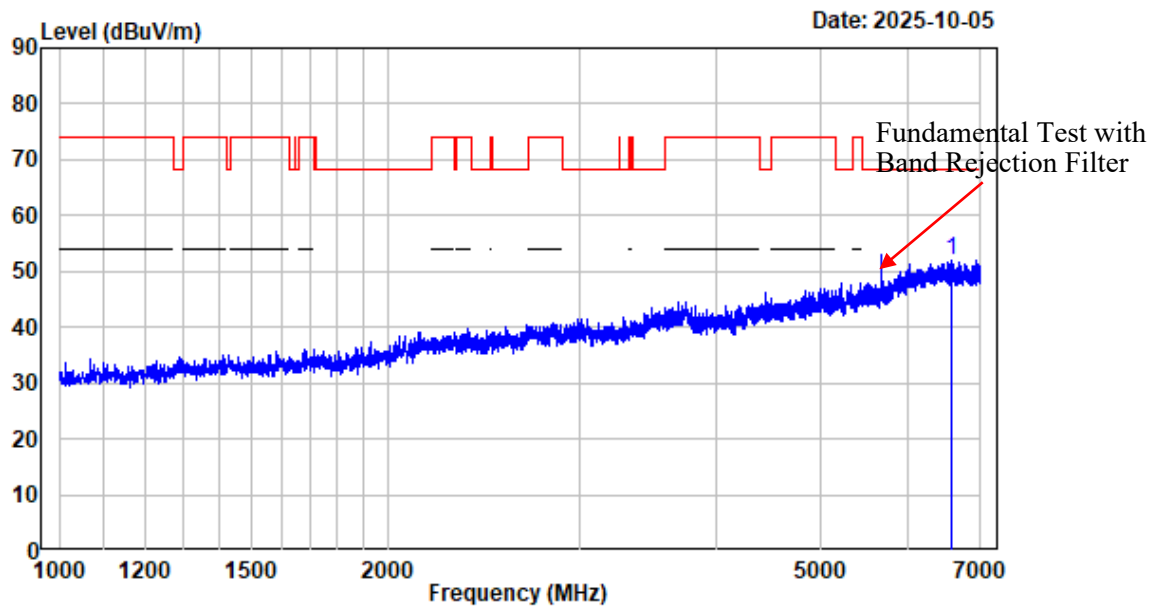
1-7GHz\_Horizontal\_802.11ac40\_5670MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6790.750 | -3.34      | 55.88  | 52.54  | 68.20 | -15.66 Peak |

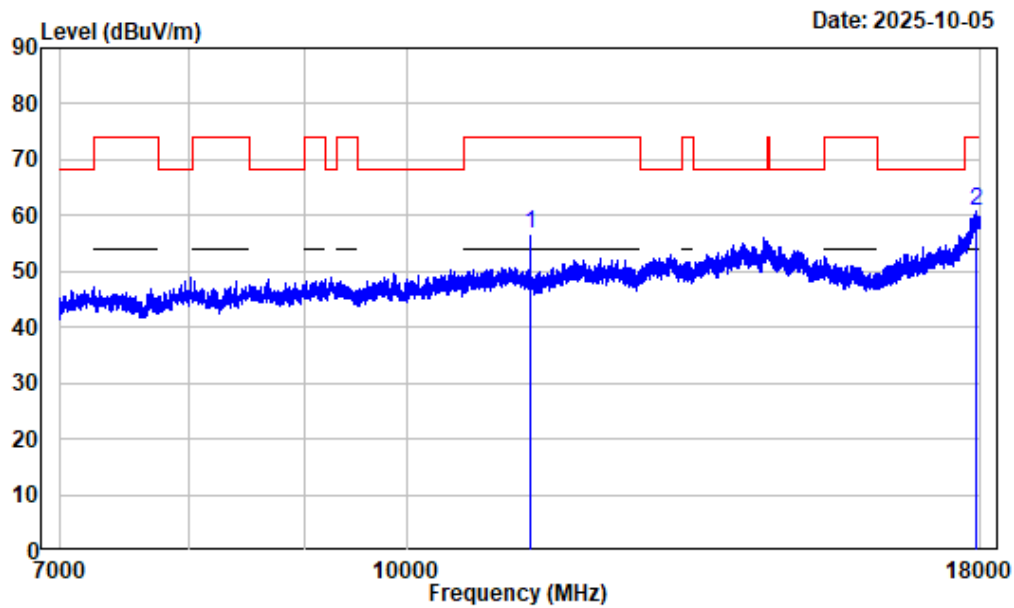
1-7GHz\_Vertical\_802.11ac40\_5670MHz



Condition : Vertical  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |       | Read  | Limit  | Over   | Remark      |
|-------------|-------|-------|--------|--------|-------------|
|             |       | Level | Level  | Line   |             |
| MHz         | dB/m  | dBuV  | dBuV/m | dBuV/m | dB          |
| 1 6595.000  | -3.11 | 55.09 | 51.98  | 68.20  | -16.22 Peak |

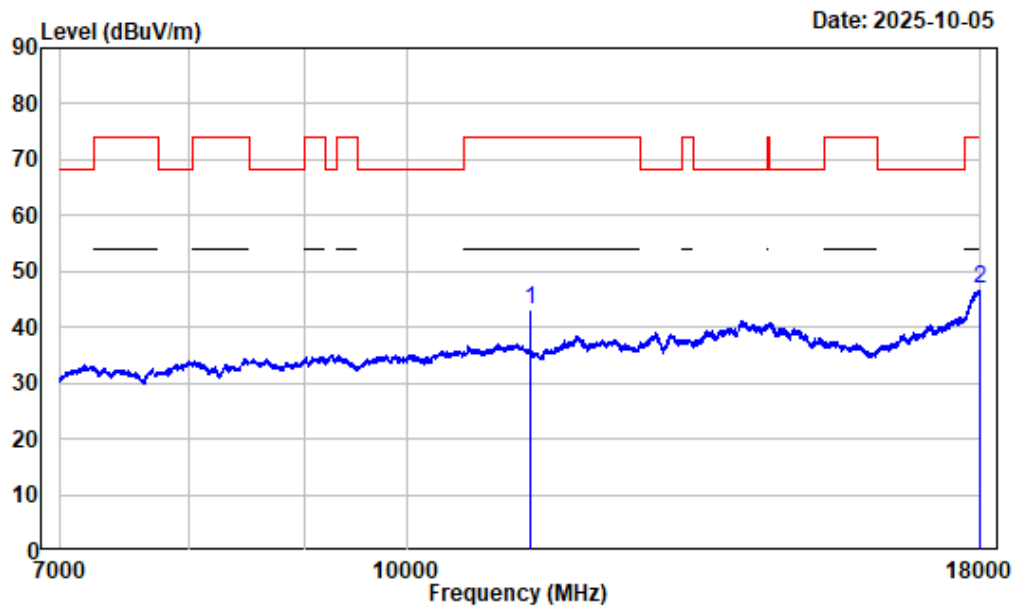
## 7-18GHz\_Horizontal\_Peak\_802.11ac40\_5670MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 11340.000 | 3.47  | 53.30 | 56.77  | 74.00  | -17.23 | Peak   |
| 2 17923.000 | 12.86 | 47.84 | 60.70  | 74.00  | -13.30 | Peak   |

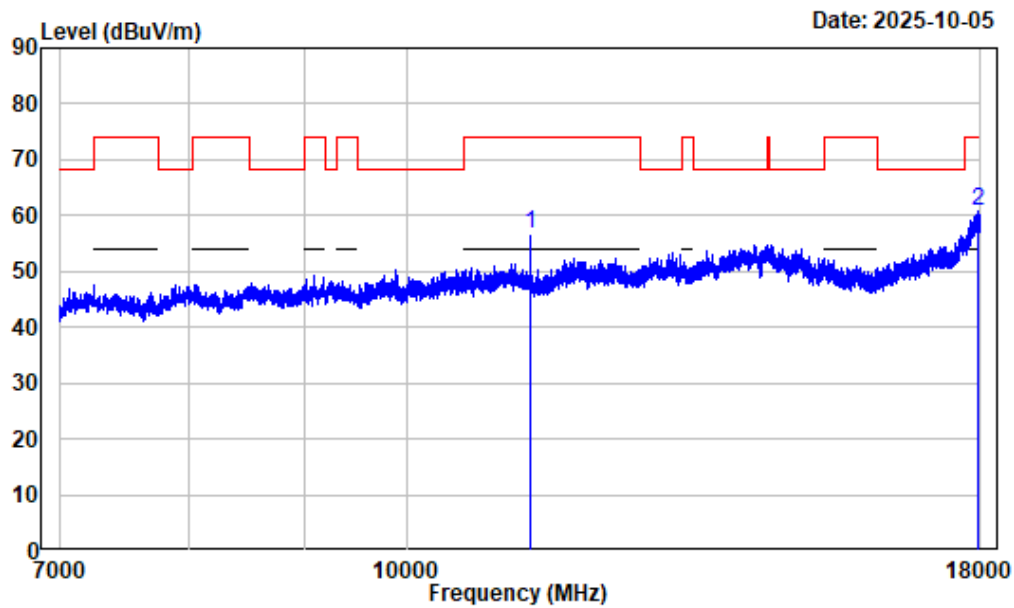
## 7-18GHz\_Horizontal\_Average\_802.11ac40\_5670MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11340.000 | 3.47  | 39.68      | 43.15  | 54.00  | -10.85 | Average |
| 2 17998.630 | 13.25 | 33.77      | 47.02  | 54.00  | -6.98  | Average |

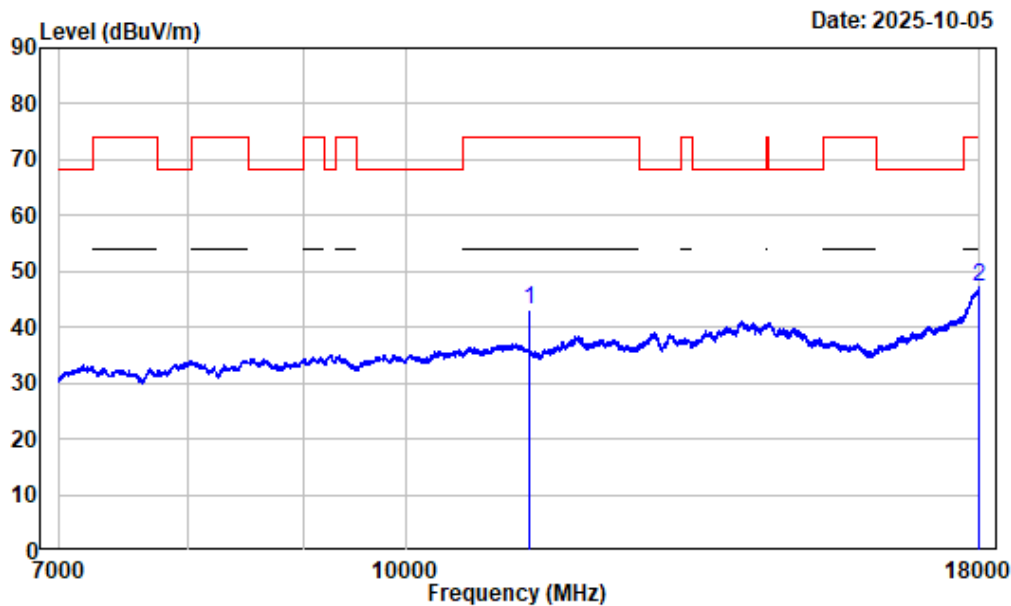
## 7-18GHz\_Vertical\_Peak\_802.11ac40\_5670MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 11340.000 | 3.47  | 53.20      | 56.67  | 74.00  | -17.33 | Peak   |
| 2 17954.630 | 13.03 | 47.68      | 60.71  | 74.00  | -13.29 | Peak   |

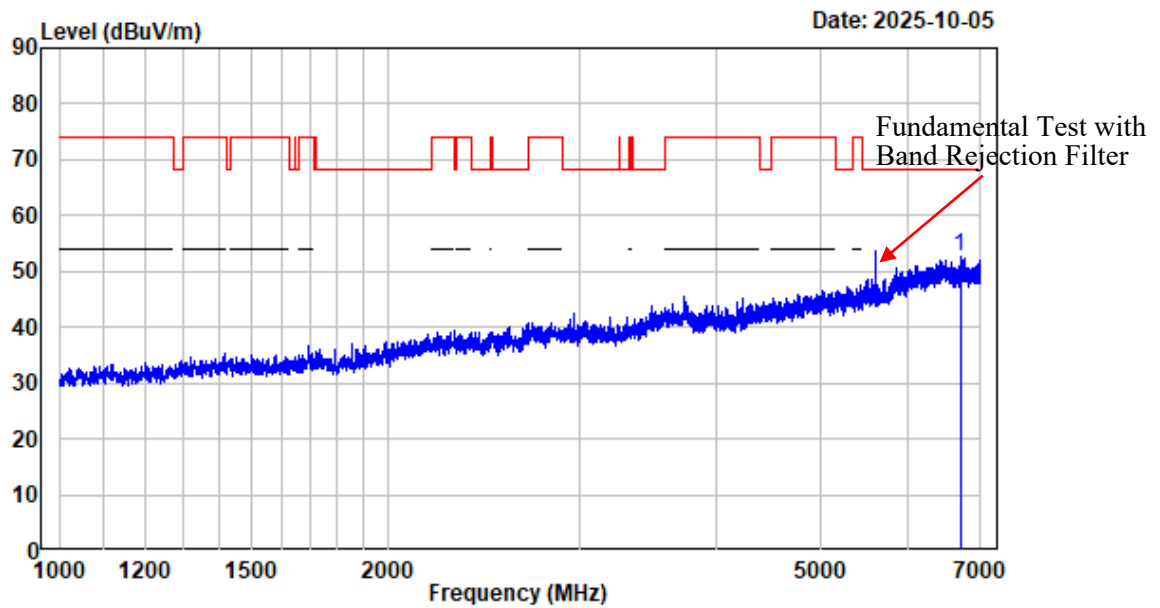
7-18GHz\_Vertical\_Average\_802.11ac40\_5670MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC40\_5670

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11340.000 | 3.47  | 39.59      | 43.06  | 54.00  | -10.94 | Average |
| 2 17998.630 | 13.25 | 33.86      | 47.11  | 54.00  | -6.89  | Average |

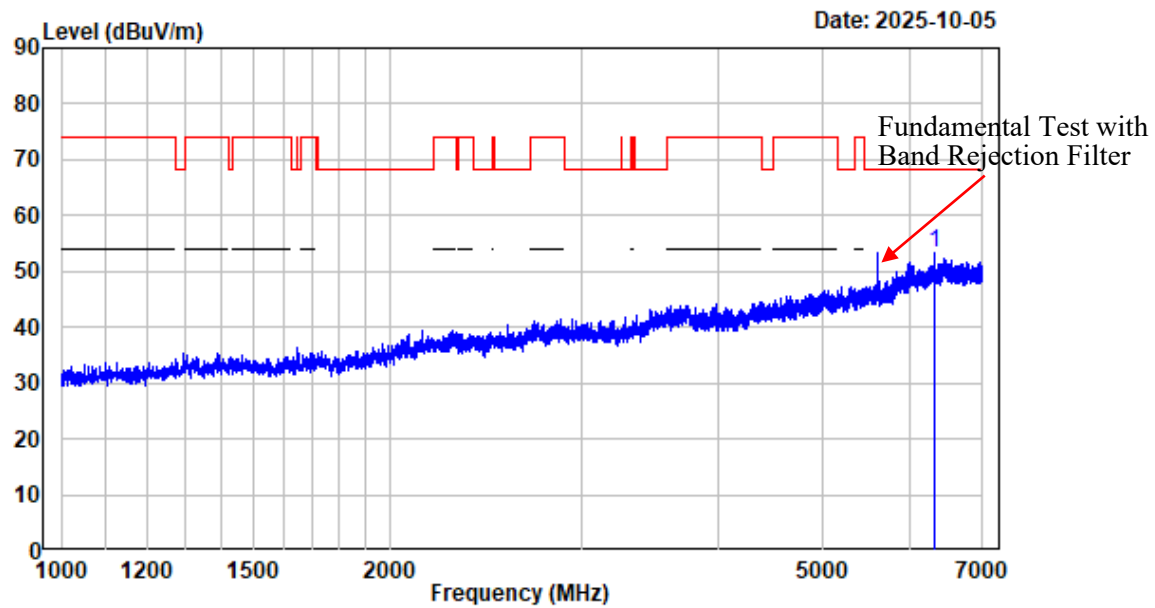
## 1-7GHz\_Horizontal\_802.11ac80\_5610MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6704.500 | -3.31      | 56.10  | 52.79      | 68.20      | -15.41 Peak |

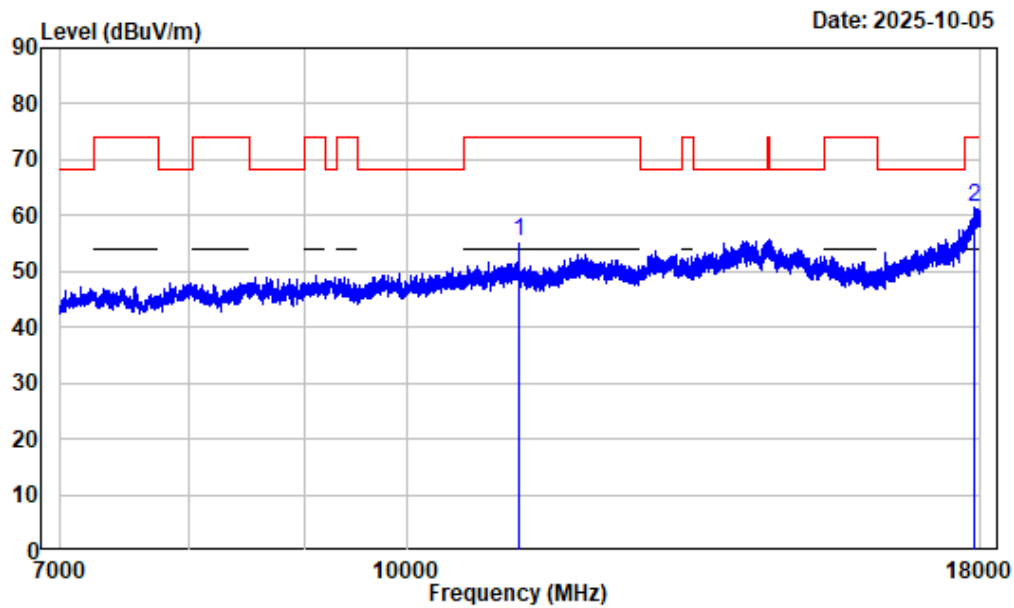
1-7GHz\_Vertical\_802.11ac80\_5610MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6336.250 | -3.37      | 56.53  | 53.16  | 68.20 | -15.04 Peak |

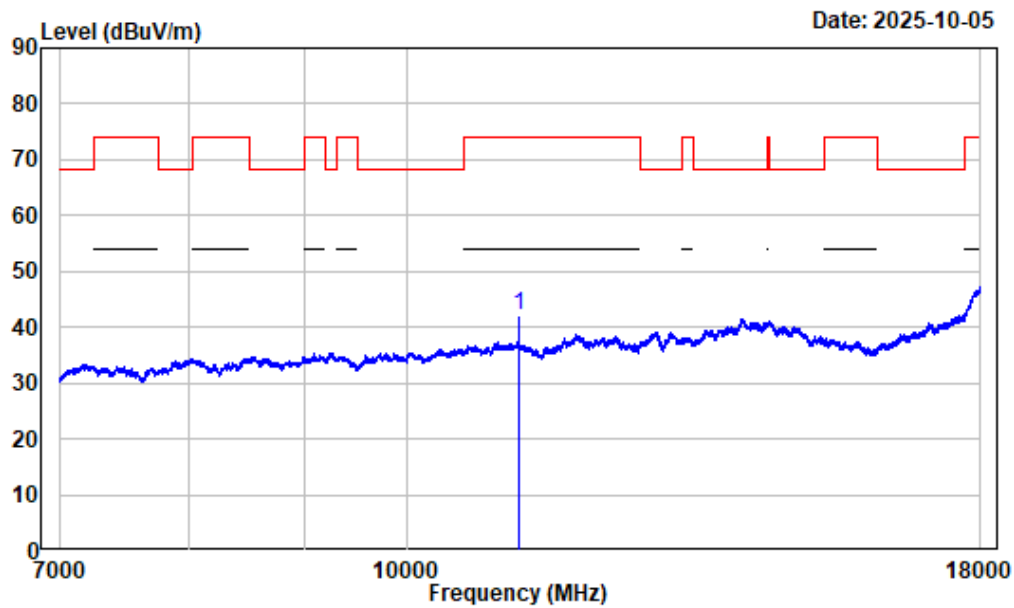
## 7-18GHz\_Horizontal\_Peak\_802.11ac80\_5610MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 11220.000 | 3.60  | 51.79      | 55.39  | 74.00  | -18.61 | Peak   |
| 2 17894.130 | 12.65 | 48.90      | 61.55  | 74.00  | -12.45 | Peak   |

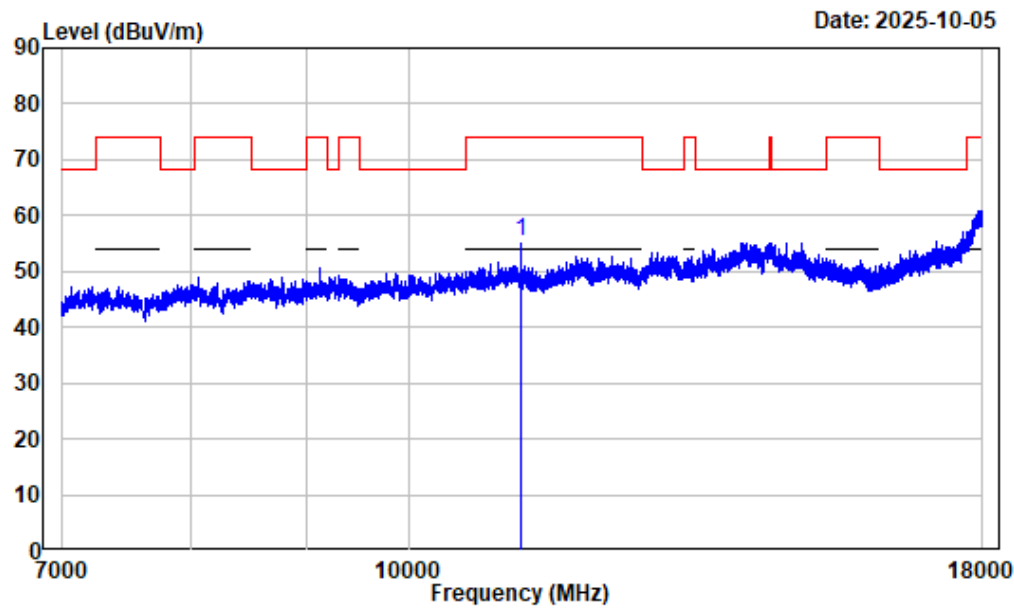
## 7-18GHz\_Horizontal\_Average\_802.11ac80\_5610MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11220.000 | 3.60  | 38.41      | 42.01  | 54.00  | -11.99 | Average |
| 2 18000.000 | 13.26 | 33.97      | 47.23  | 54.00  | -6.77  | Average |

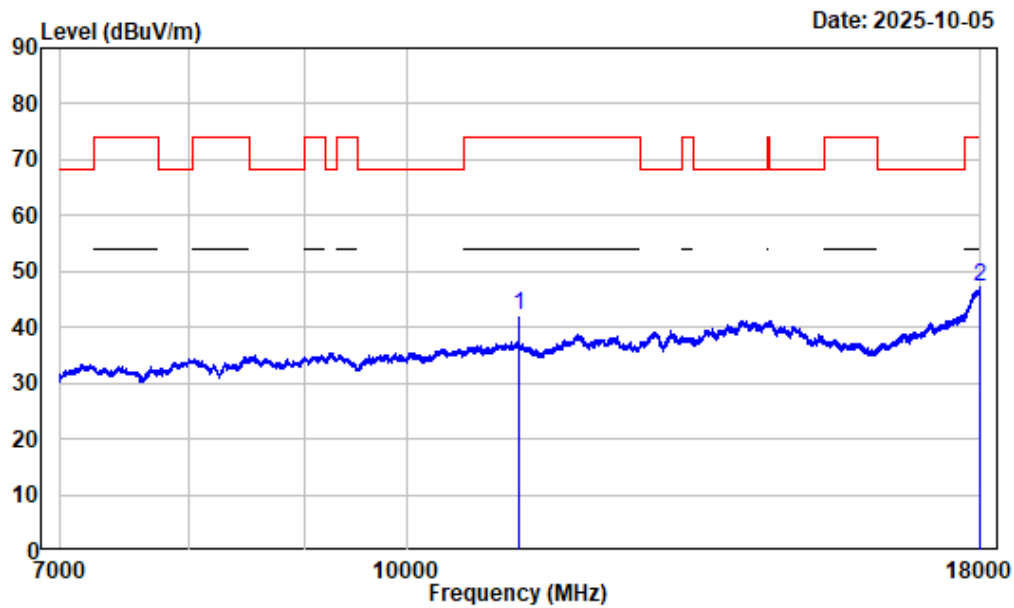
7-18GHz\_Vertical\_Peak\_802.11ac80\_5610MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 11220.000 | 3.60  | 51.81 | 55.41  | 74.00  | -18.59 | Peak   |
| 2 18000.000 | 13.26 | 47.84 | 61.10  | 74.00  | -12.90 | Peak   |

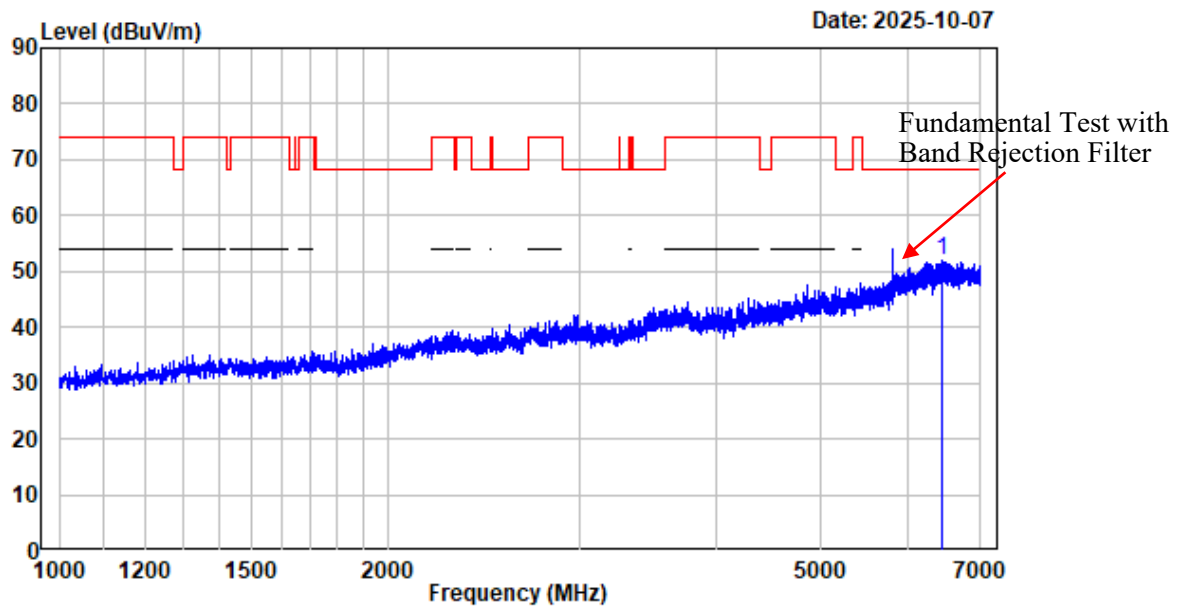
## 7-18GHz\_Vertical\_Average\_802.11ac80\_5670MHz-B3



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B3\_AC80\_5610

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
|             |       |            |        | Line   | Limit  |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11220.000 | 3.60  | 38.39      | 41.99  | 54.00  | -12.01 | Average |
| 2 17984.880 | 13.18 | 33.99      | 47.17  | 54.00  | -6.83  | Average |

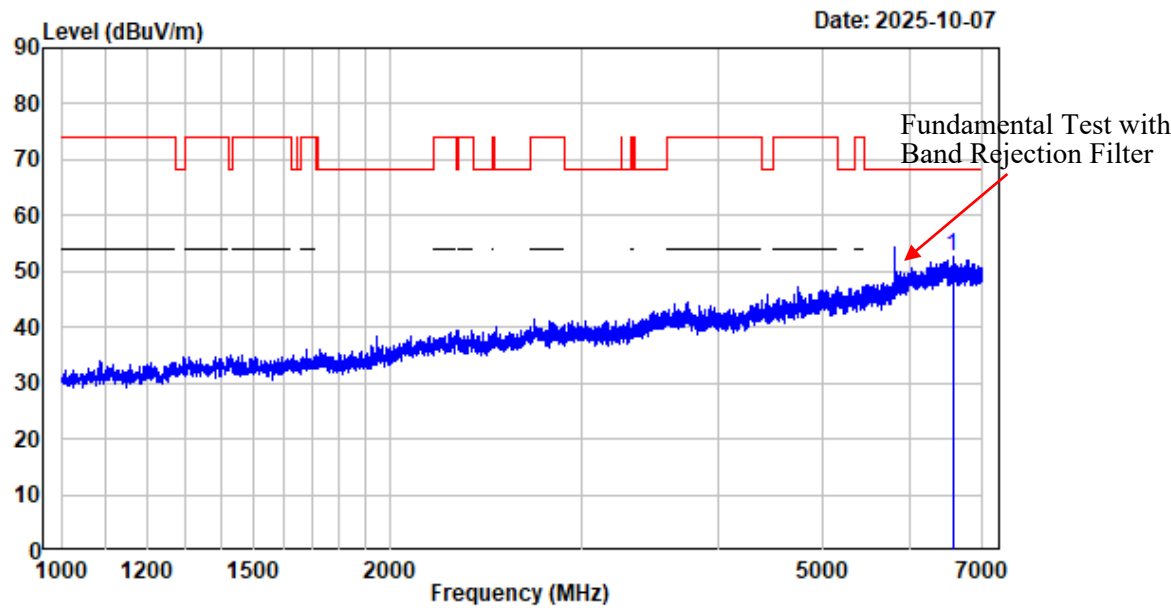
## 1-7GHz\_Horizontal\_802.11a\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6442.750 | -2.86      | 54.84  | 51.98      | 68.20      | -16.22 Peak |

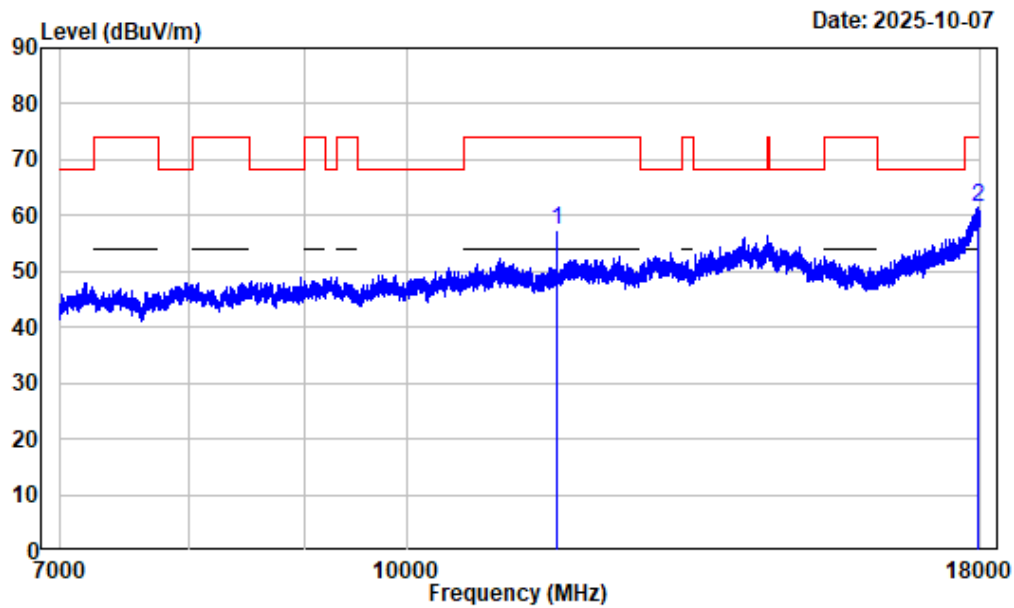
1-7GHz\_Vertical\_802.11a\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6571.000 | -3.07      | 55.80  | 52.73      | 68.20      | -15.47 Peak |

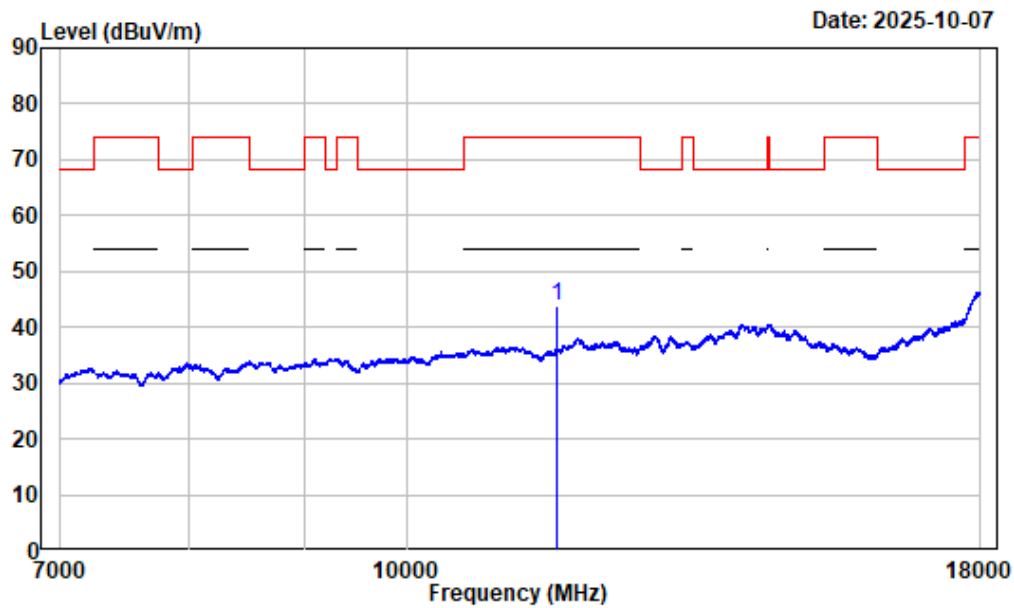
## 7-18GHz\_Horizontal\_Peak\_802.11a\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

|   | Freq      | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|-----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz       | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 11650.000 | 3.46   | 53.81         | 57.27  | 74.00         | -16.73        | Peak   |
| 2 | 17951.880 | 13.02  | 48.41         | 61.43  | 74.00         | -12.57        | Peak   |

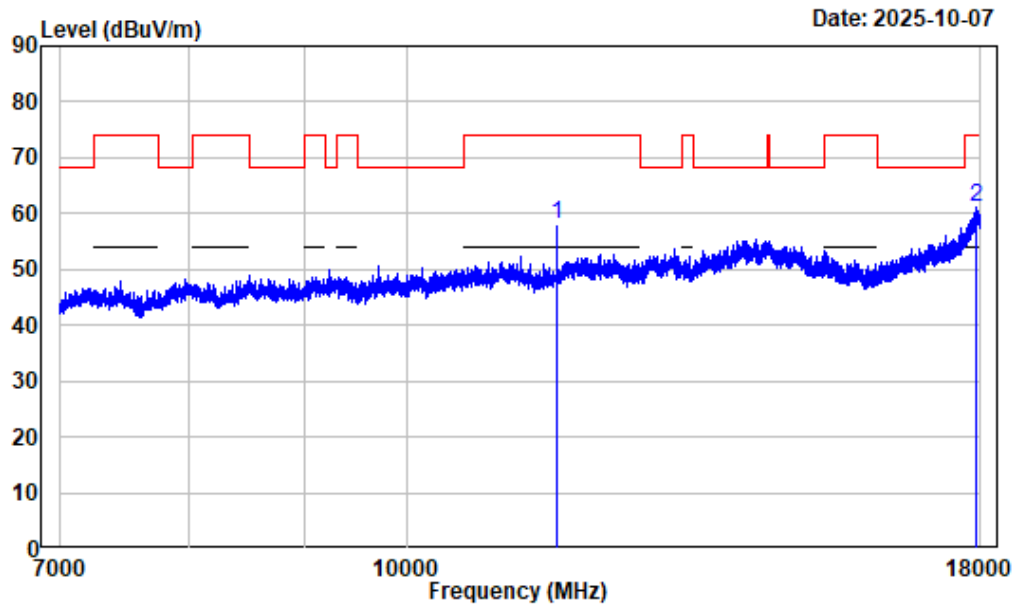
## 7-18GHz\_Horizontal\_Average\_802.11a\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
|             |       |            |        | Line   | Limit  |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11650.000 | 3.46  | 40.50      | 43.96  | 54.00  | -10.04 | Average |
| 2 18000.000 | 13.26 | 33.13      | 46.39  | 54.00  | -7.61  | Average |

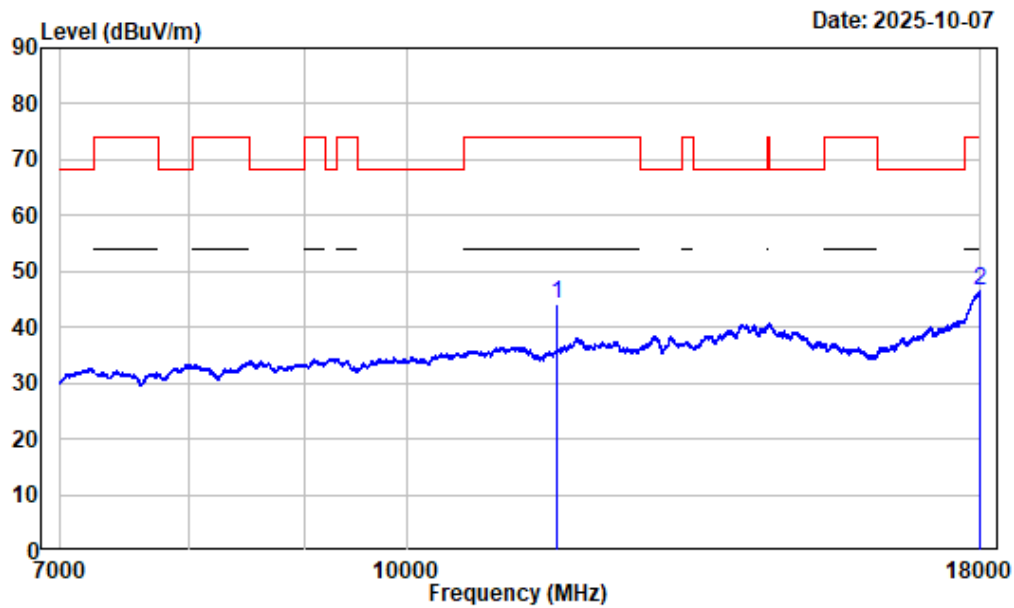
## 7-18GHz\_Vertical\_Peak\_802.11a\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_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  | 54.54 | 58.00  | 74.00  | -16.00 | Peak   |
| 2 17929.880 | 12.91 | 48.09 | 61.00  | 74.00  | -13.00 | Peak   |

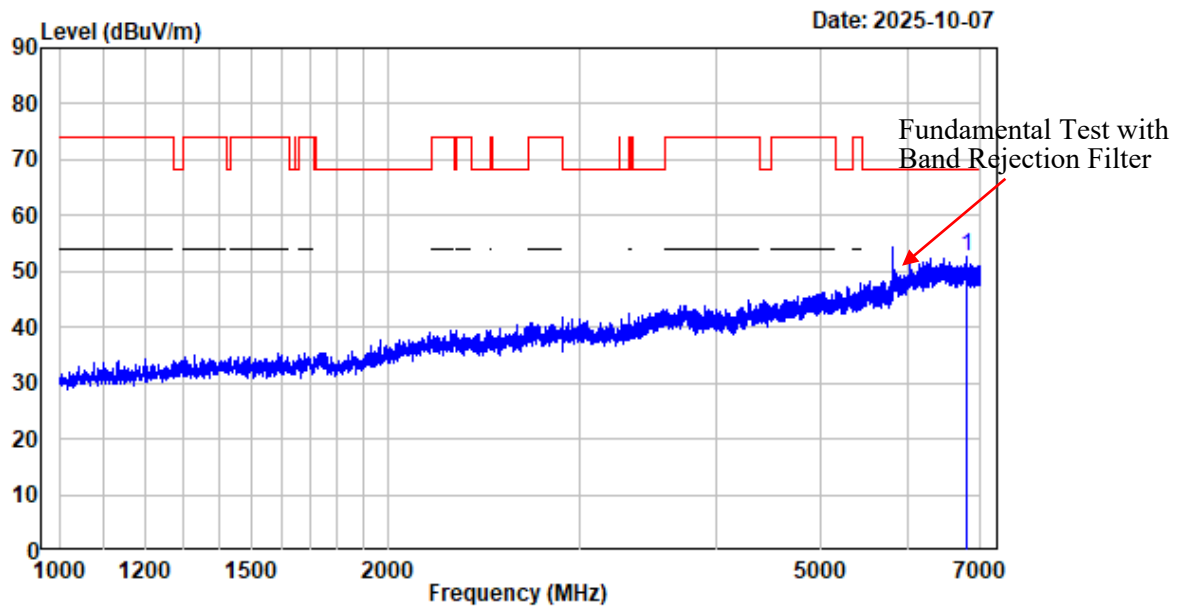
## 7-18GHz\_Vertical\_Average\_802.11a\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B4\_A\_5825

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
|             |       |            |        | Line   | Limit |         |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 11650.000 | 3.46  | 40.74      | 44.20  | 54.00  | -9.80 | Average |
| 2 17995.880 | 13.24 | 33.29      | 46.53  | 54.00  | -7.47 | Average |

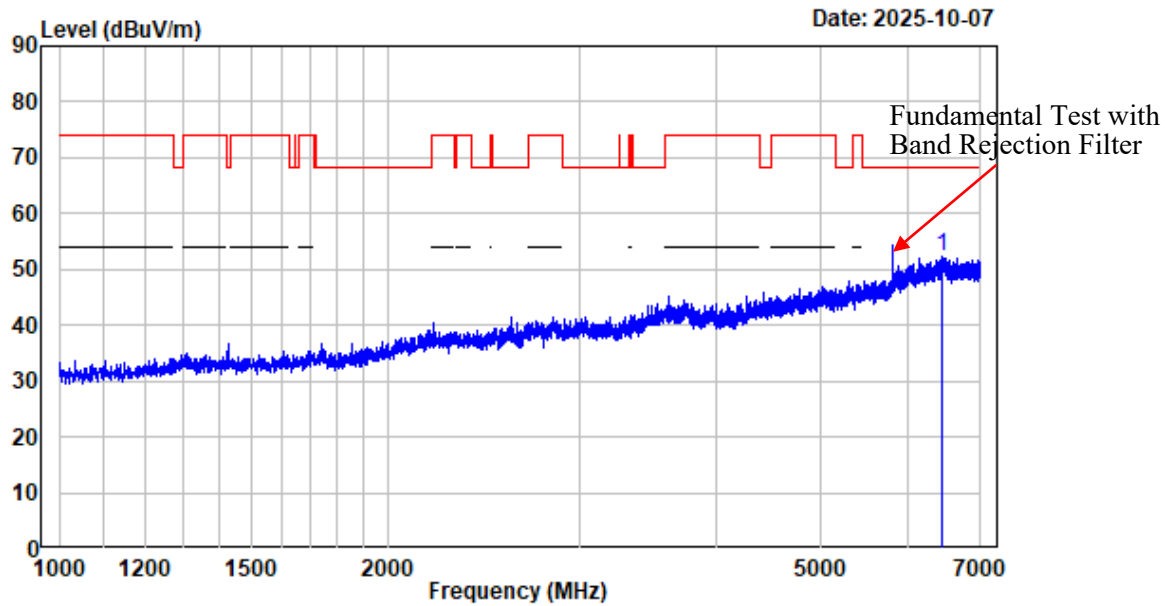
1-7GHz\_Horizontal\_802.11ac20\_5825MHz



Condition : Horizontal  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 6787.750 | -3.34      | 56.00  | 52.66  | 68.20 | -15.54 Peak |

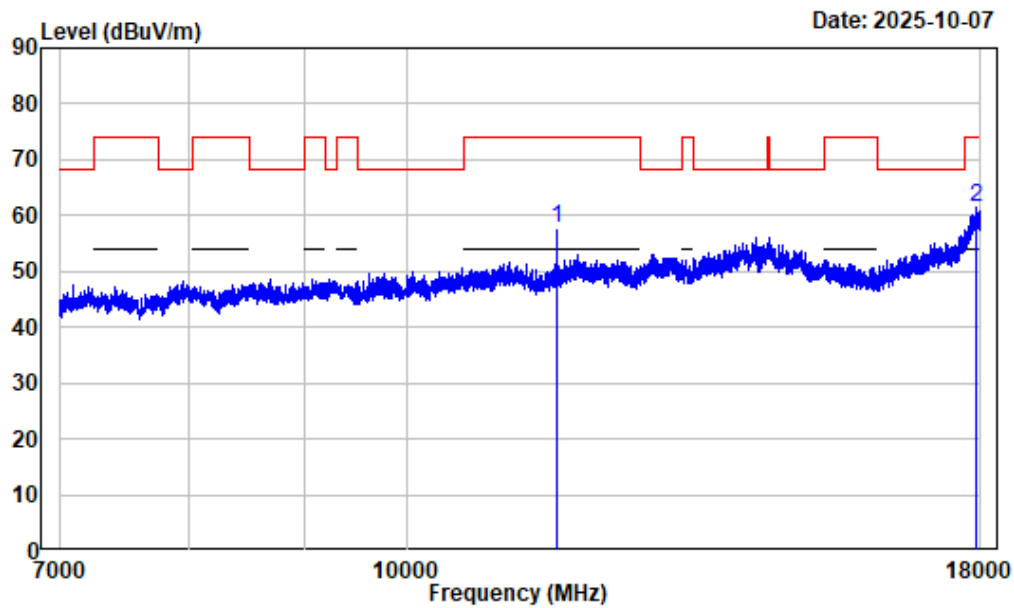
1-7GHz\_Vertical\_802.11ac20\_5825MHz



Condition : Vertical  
 Project No. : 2501W72957E-RF  
 Tester : Leon Guo  
 Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
 Note : 5GWiFi\_B4\_AC20\_5825

|   | Freq     | Factor | Read  |        | Limit  | Over   | Remark |
|---|----------|--------|-------|--------|--------|--------|--------|
|   |          |        | Level | Level  | Line   | Limit  |        |
|   | MHz      | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 6457.750 | -2.88  | 55.07 | 52.19  | 68.20  | -16.01 | Peak   |

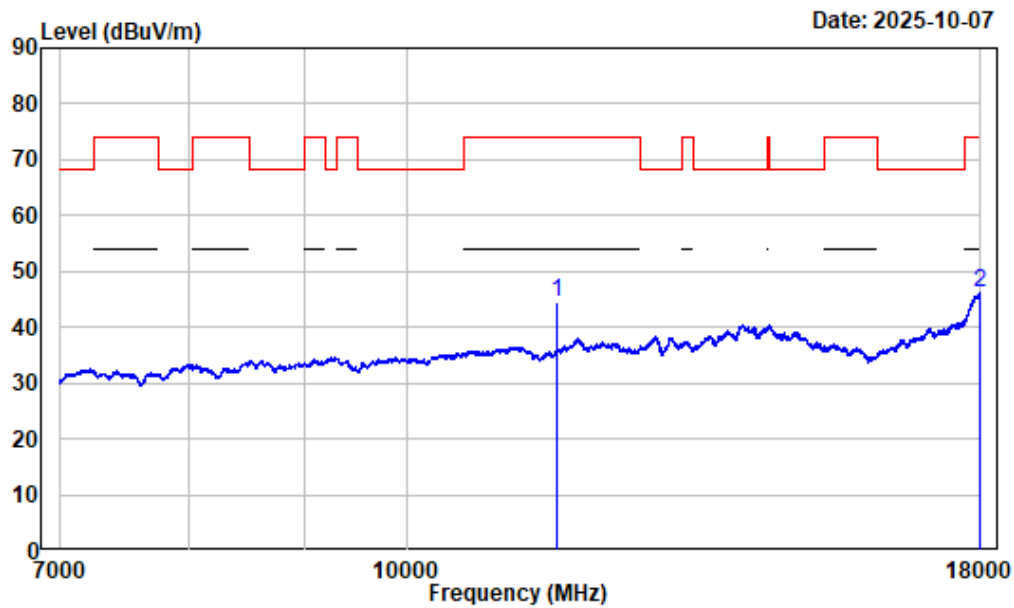
## 7-18GHz\_Horizontal\_Peak\_802.11ac20\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_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  | 54.11 | 57.57  | 74.00  | -16.43 Peak |
| 2 17912.000 | 12.81 | 48.75 | 61.56  | 74.00  | -12.44 Peak |

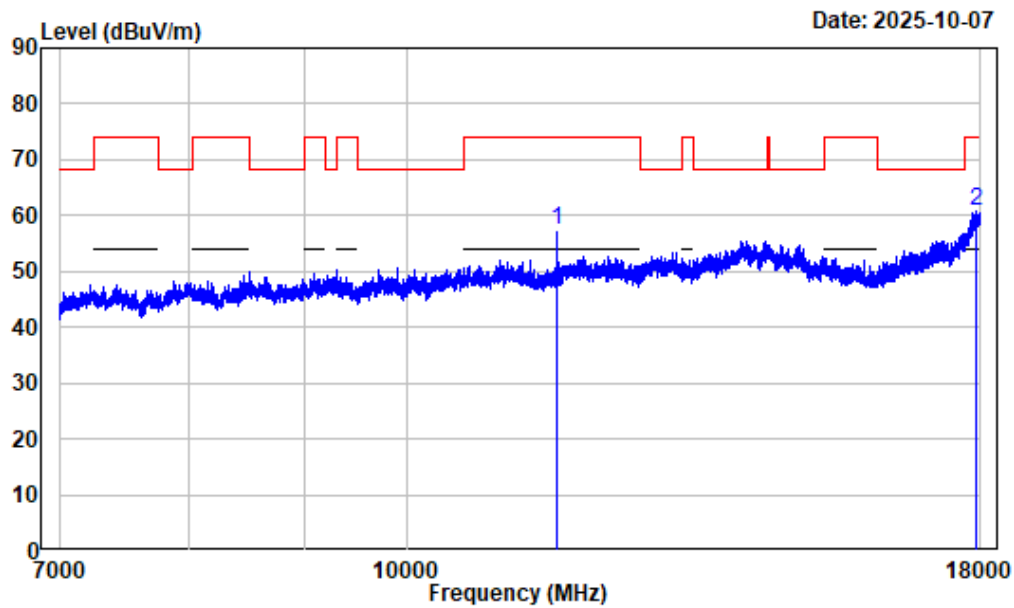
## 7-18GHz\_Horizontal\_Average\_802.11ac20\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |       | Read Level |        | Limit  | Over  | Remark  |
|-------------|-------|------------|--------|--------|-------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1 11650.000 | 3.46  | 40.90      | 44.36  | 54.00  | -9.64 | Average |
| 2 17998.630 | 13.25 | 32.91      | 46.16  | 54.00  | -7.84 | Average |

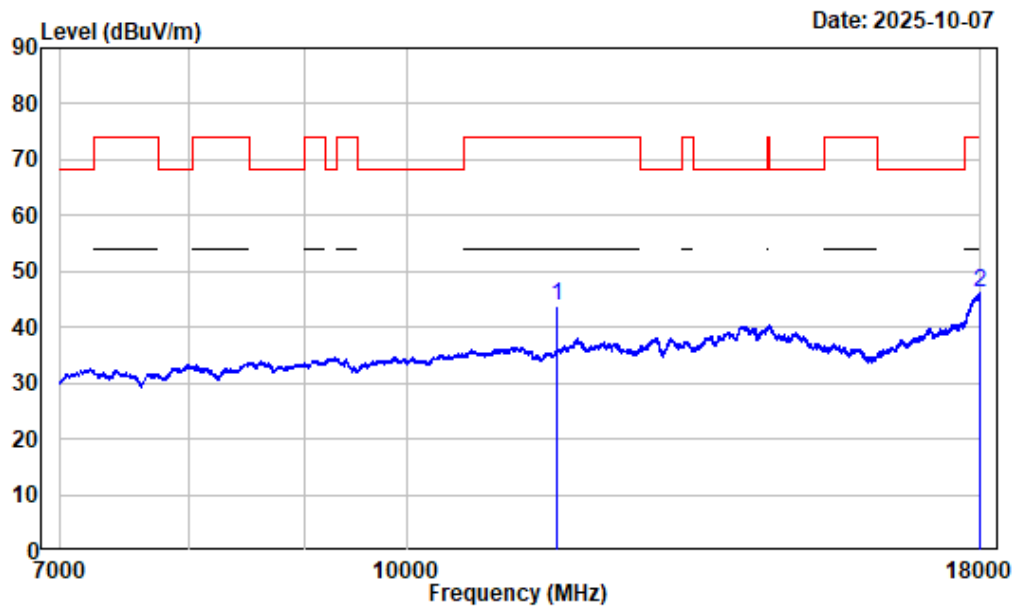
## 7-18GHz\_Vertical\_Peak\_802.11ac20\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_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  | 54.05 | 57.51  | 74.00  | -16.49 Peak |
| 2 17907.880 | 12.80 | 48.16 | 60.96  | 74.00  | -13.04 Peak |

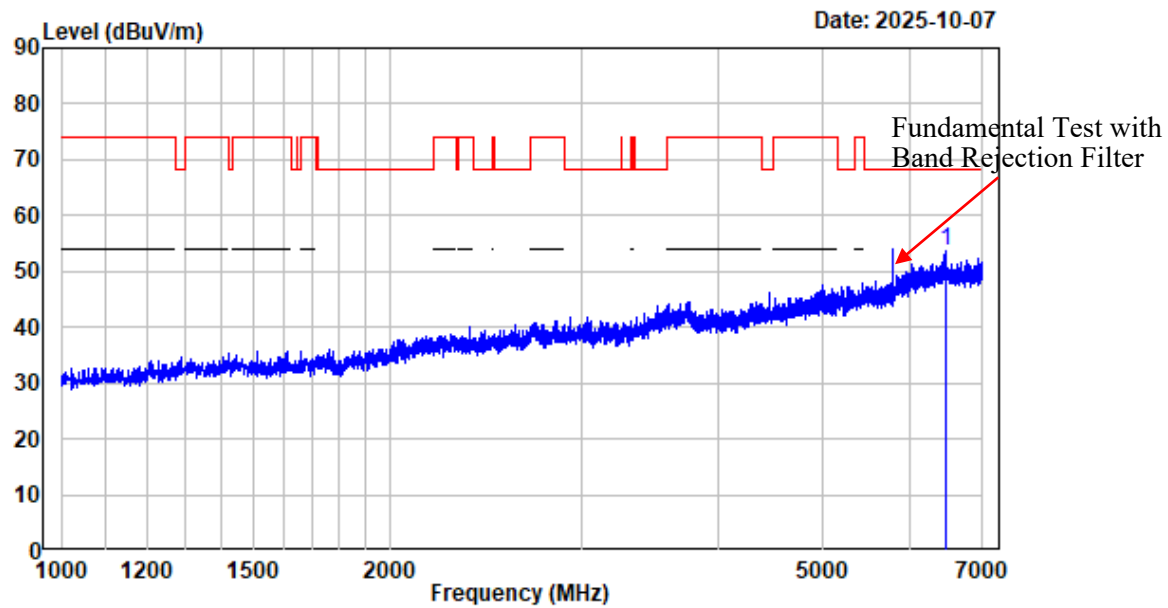
## 7-18GHz\_Vertical\_Average\_802.11ac20\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11650.000 | 3.46  | 40.46      | 43.92  | 54.00  | -10.08 | Average |
| 2 17975.250 | 13.14 | 33.03      | 46.17  | 54.00  | -7.83  | Average |

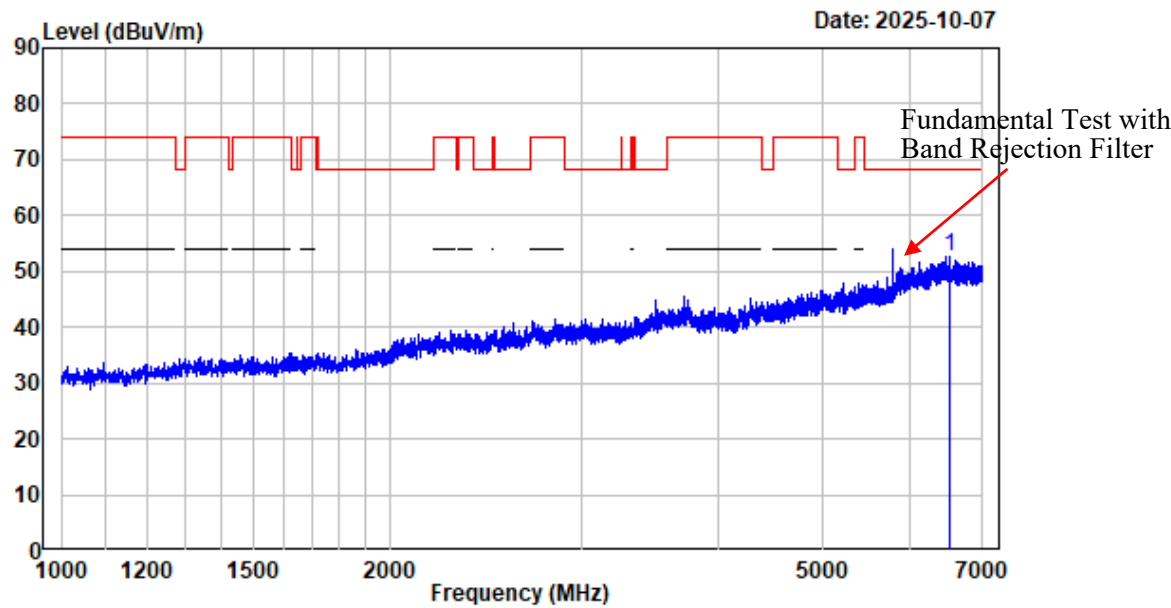
1-7GHz\_Horizontal\_802.11ac40\_5795MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 6482.500 | -2.92  | 56.46         | 53.54  | 68.20         | -14.66        | Peak   |

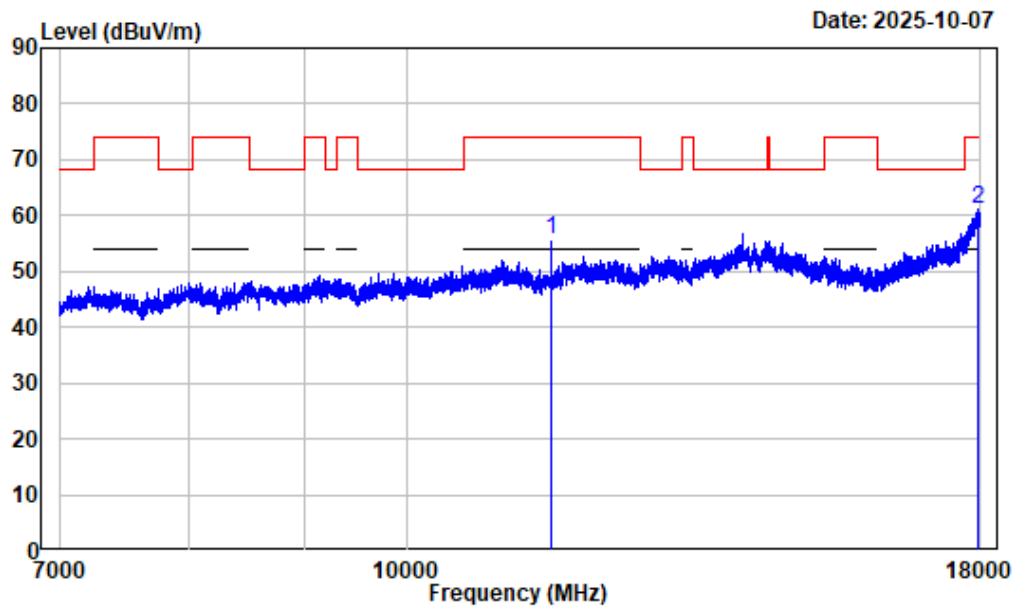
1-7GHz\_Vertical\_802.11ac40\_5795MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6543.250 | -3.02      | 55.74  | 52.72      | 68.20      | -15.48 Peak |

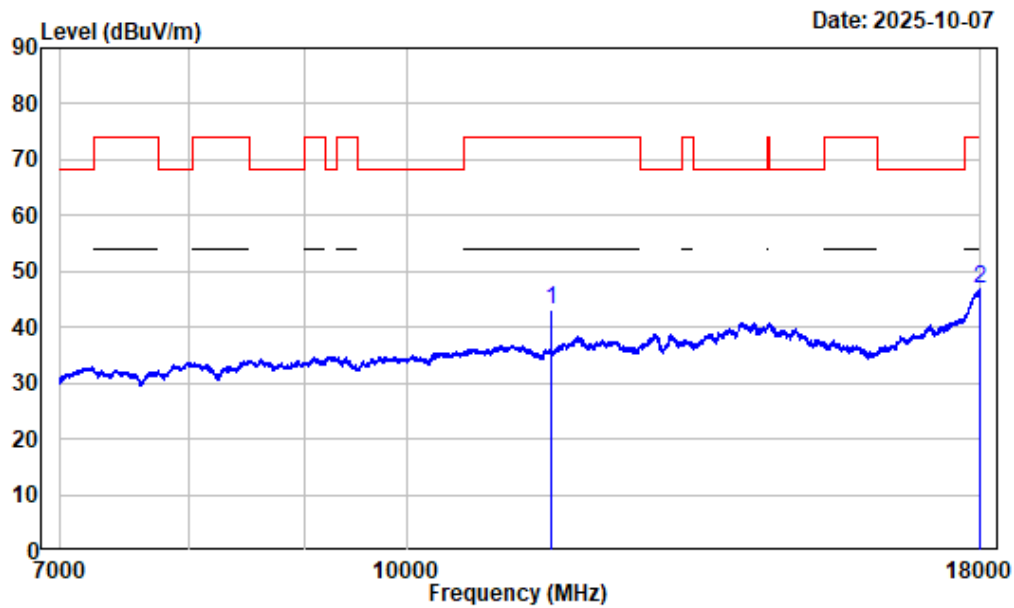
7-18GHz\_Horizontal\_Peak\_802.11ac40\_5795MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 11590.000 | 3.24  | 52.54      | 55.78  | 74.00  | -18.22 | Peak   |
| 2 17947.750 | 13.00 | 48.03      | 61.03  | 74.00  | -12.97 | Peak   |

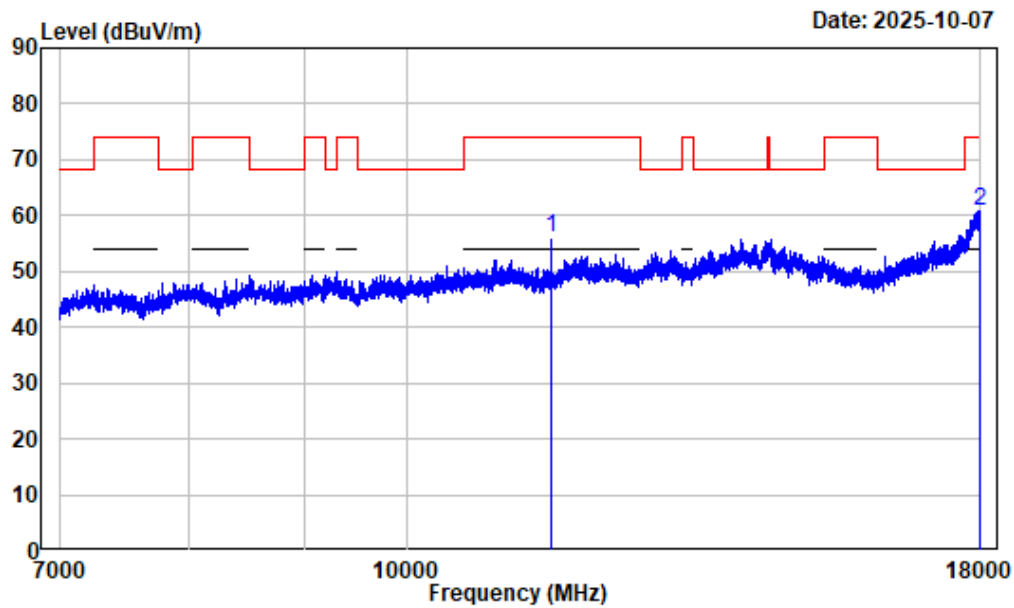
## 7-18GHz\_Horizontal\_Average\_802.11ac40\_5795MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11590.000 | 3.24  | 39.89      | 43.13  | 54.00  | -10.87 | Average |
| 2 17991.750 | 13.22 | 33.52      | 46.74  | 54.00  | -7.26  | Average |

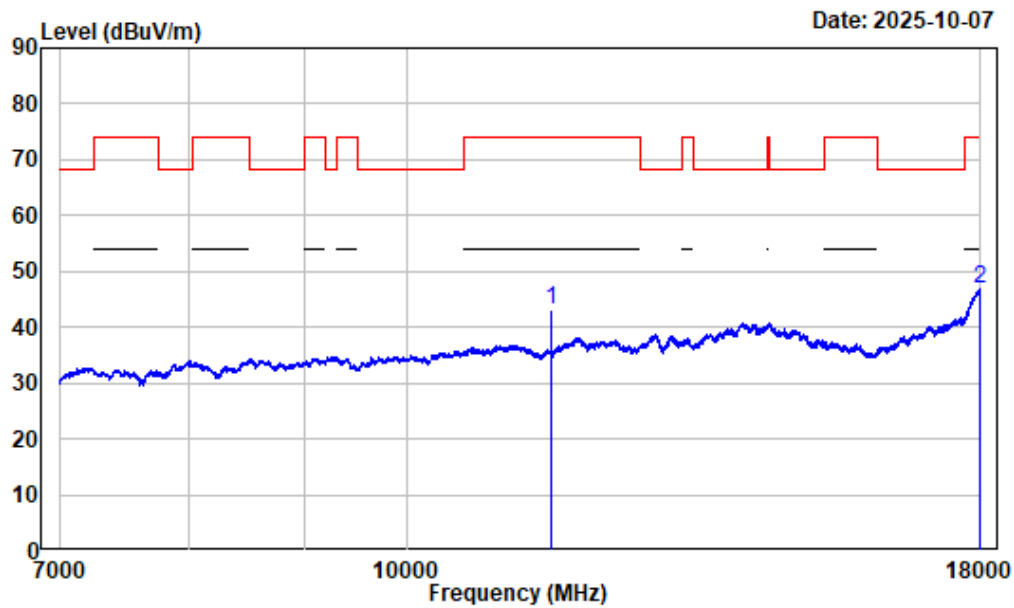
## 7-18GHz\_Vertical\_Peak\_802.11ac20\_5795MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 11590.000 | 3.24  | 52.78 | 56.02  | 74.00  | -17.98 | Peak   |
| 2 17982.130 | 13.16 | 47.77 | 60.93  | 74.00  | -13.07 | Peak   |

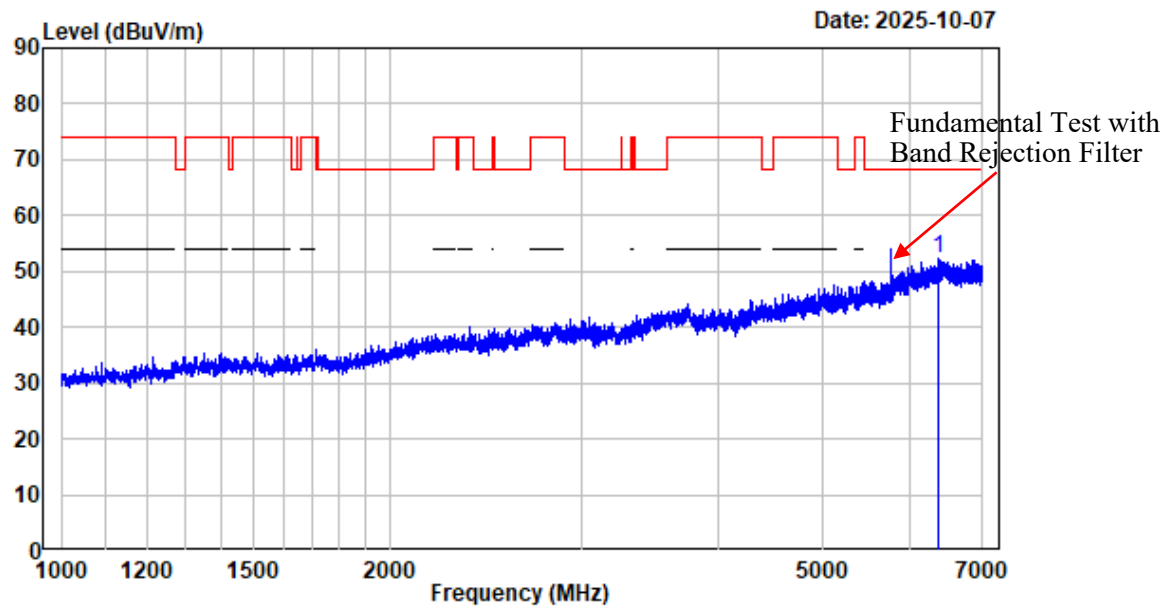
## 7-18GHz\_Vertical\_Average\_802.11ac40\_5795MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:2kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC40\_5795

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark  |
|-------------|-------|------------|--------|--------|--------|---------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |         |
| 1 11590.000 | 3.24  | 39.74      | 42.98  | 54.00  | -11.02 | Average |
| 2 17994.500 | 13.23 | 33.53      | 46.76  | 54.00  | -7.24  | Average |

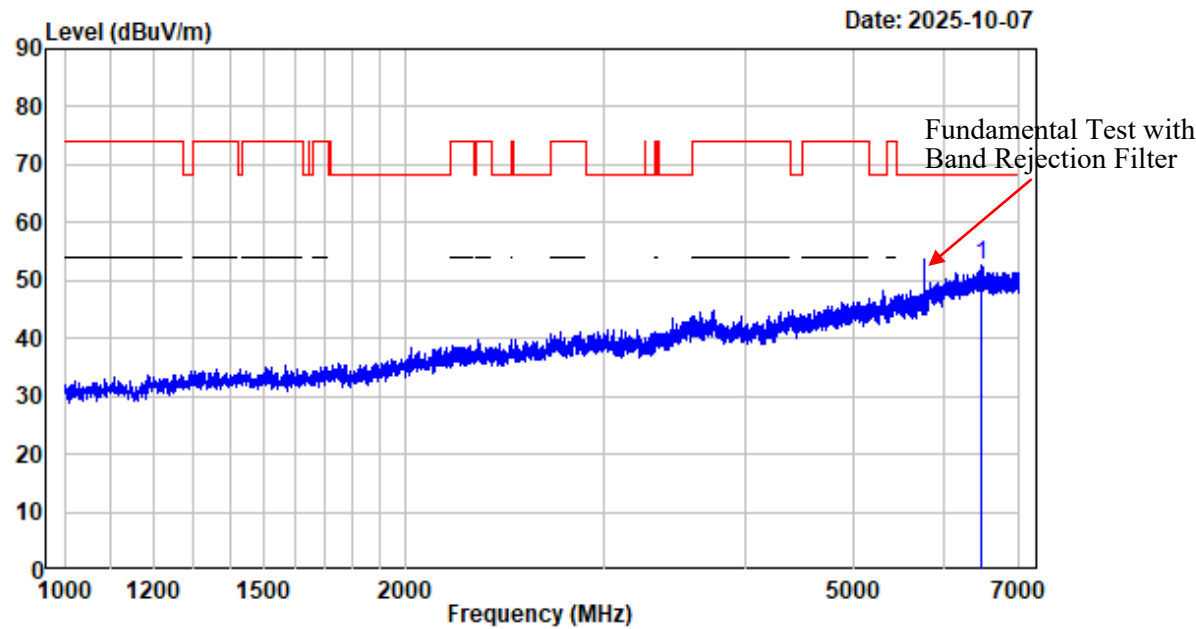
1-7GHz\_Horizontal\_802.11ac80\_5775MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

| Freq Factor |          | Read Level |        | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 6365.500 | -3.18      | 55.33  | 52.15      | 68.20      | -16.05 Peak |

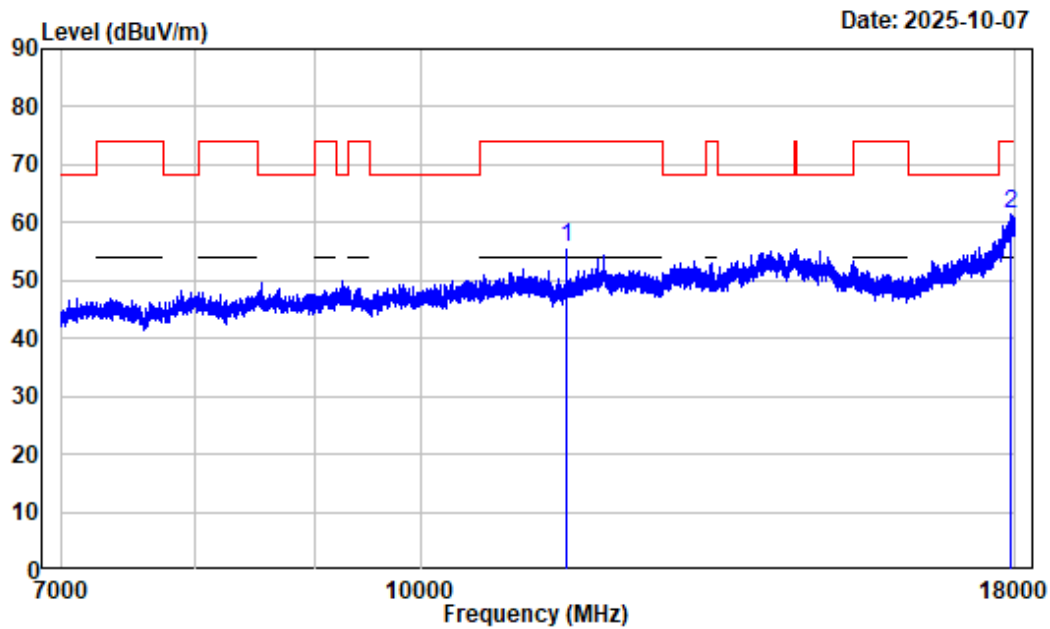
1-7GHz Vertical 802.11ac80 5775MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

| Freq |          | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|------|----------|--------|------------|--------|------------|------------|--------|
| MHz  |          | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1    | 6479.500 | -2.92  | 55.49      | 52.57  | 68.20      | -15.63     | Peak   |

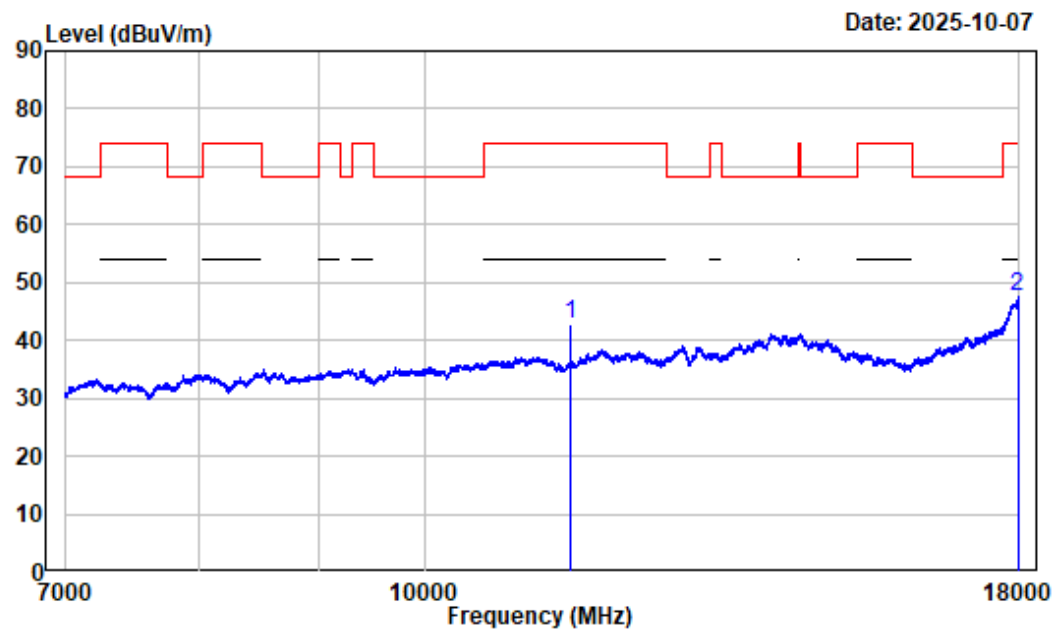
## 7-18GHz Horizontal Peak 802.11ac80 5775MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|   | Freq      | Factor | Read  |        | Limit  | Over   | Remark |
|---|-----------|--------|-------|--------|--------|--------|--------|
|   |           |        | Level | Level  |        |        |        |
|   | MHz       | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 11550.000 | 3.44   | 52.09 | 55.53  | 74.00  | -18.47 | Peak   |
| 2 | 17935.380 | 12.94  | 48.39 | 61.33  | 74.00  | -12.67 | Peak   |

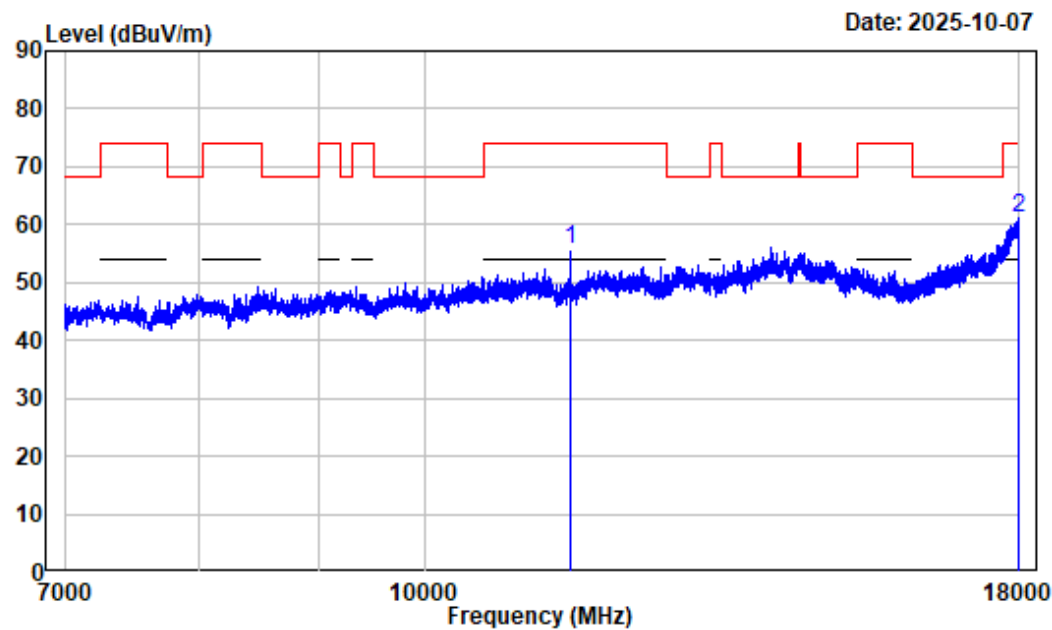
7-18GHz Horizontal Average 802.11ac80 5775MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|             |        | Read  |        | Limit  | Over   | Remark  |
|-------------|--------|-------|--------|--------|--------|---------|
| Freq        | Factor | Level | Level  | Line   | Limit  |         |
| MHz         | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |         |
| 1 11550.000 | 3.44   | 39.43 | 42.87  | 54.00  | -11.13 | Average |
| 2 17973.880 | 13.13  | 34.35 | 47.48  | 54.00  | -6.52  | Average |

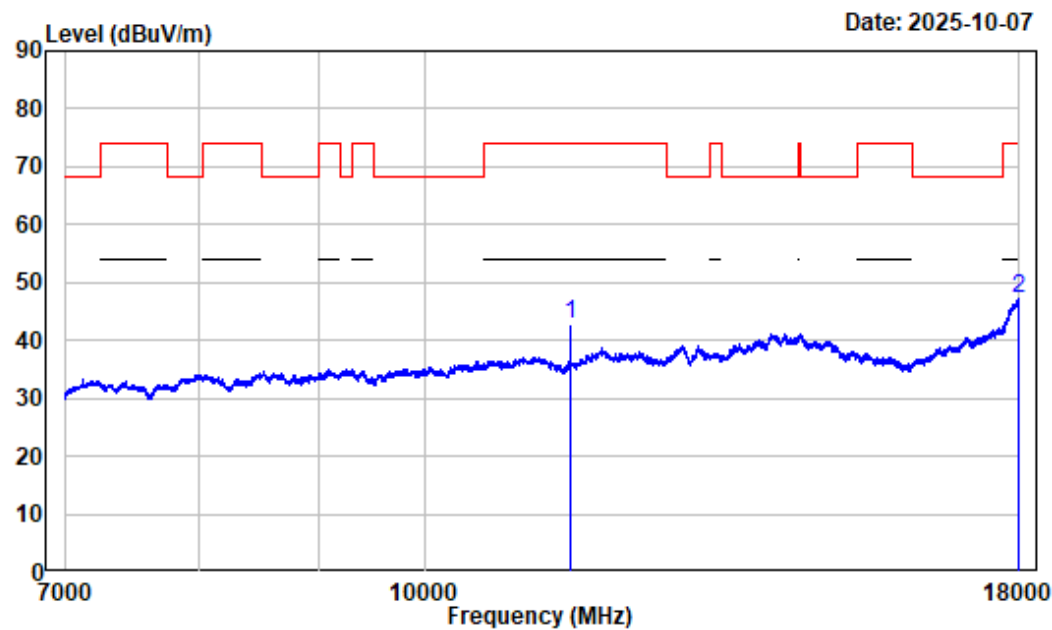
7-18GHz Vertical Peak 802.11ac80 5775MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|             |        | Read  |        | Limit  | Over   | Remark |
|-------------|--------|-------|--------|--------|--------|--------|
| Freq        | Factor | Level | Level  | Line   | Limit  |        |
| MHz         | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 11550.000 | 3.44   | 52.20 | 55.64  | 74.00  | -18.36 | Peak   |
| 2 17997.250 | 13.25  | 47.87 | 61.12  | 74.00  | -12.88 | Peak   |

7-18GHz Vertical Average 802.11ac80 5775MHz-B4

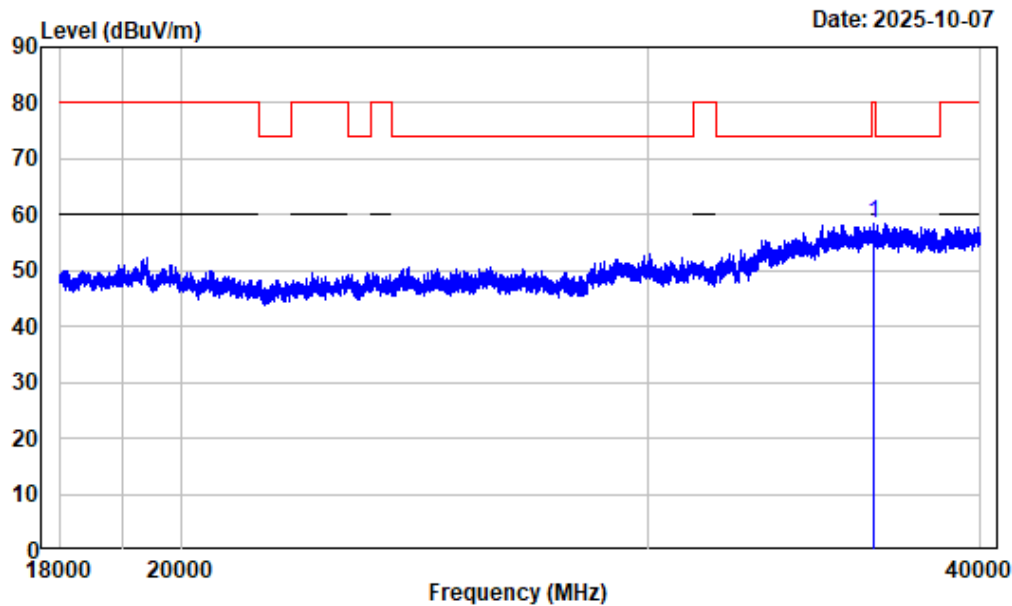


Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Average reading: RBW:1MHz VBW:3kHz Detector:Peak  
Note : 5GWiFi\_B4\_AC80\_5775

|             |        | Read  |        | Limit  | Over   | Remark  |
|-------------|--------|-------|--------|--------|--------|---------|
| Freq        | Factor | Level | Level  | Line   | Limit  |         |
| MHz         | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |         |
| 1 11550.000 | 3.44   | 39.41 | 42.85  | 54.00  | -11.15 | Average |
| 2 17998.630 | 13.25  | 33.89 | 47.14  | 54.00  | -6.86  | Average |

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

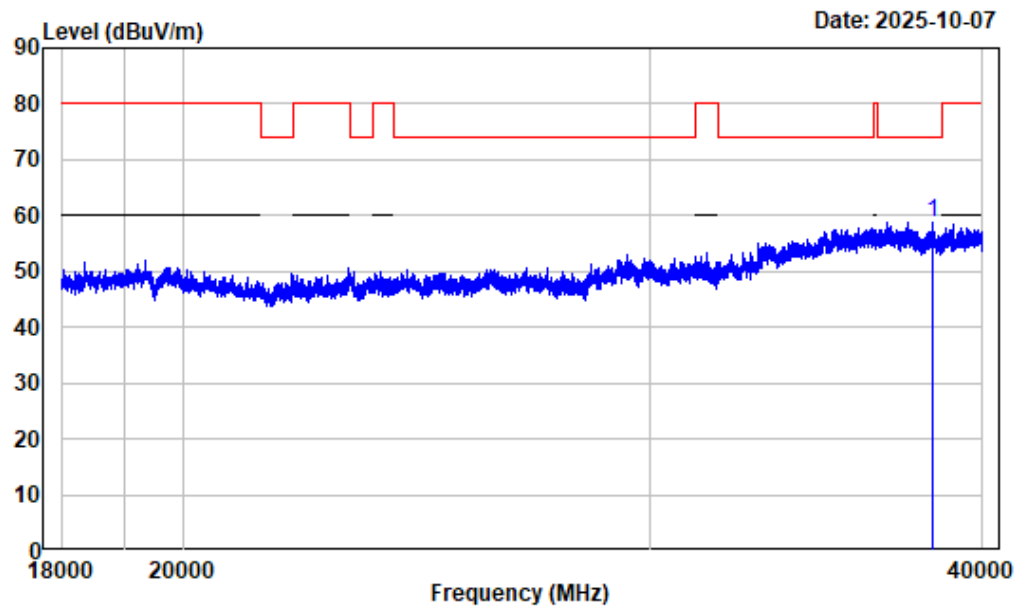
18-40GHz\_Horizontal\_802.11ac20\_5825MHz



Condition : Horizontal  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |       | Read Level |        | Limit  | Over   | Remark |
|-------------|-------|------------|--------|--------|--------|--------|
|             |       | Level      | Level  | Line   | Limit  |        |
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 36438.300 | 23.16 | 35.29      | 58.45  | 80.00  | -21.55 | peak   |

18-40GHz\_Vertical\_802.11ac20\_5825MHz



Condition : Vertical  
Project No. : 2501W72957E-RF  
Tester : Leon Guo  
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak  
Note : 5GWiFi\_B4\_AC20\_5825

| Freq Factor |       | Read  |        | Limit  | Over   | Remark |
|-------------|-------|-------|--------|--------|--------|--------|
| MHz         | dB/m  | Level | Level  | Line   | Limit  |        |
|             |       | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 38283.790 | 21.97 | 36.68 | 58.65  | 74.20  | -15.55 | peak   |

**Emission Bandwidth****Test Information:**

|                    |                       |                     |                       |
|--------------------|-----------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 381A-1                | <b>Test Date:</b>   | 2025/08/29~2025/10/15 |
| <b>Test Site:</b>  | RF                    | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Brian Li, Rainbow Zhu | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                              |         |                                       |       |                                |           |
|------------------------------|---------|---------------------------------------|-------|--------------------------------|-----------|
| <b>Temperature:<br/>(°C)</b> | 25.6-26 | <b>Relative<br/>Humidity:<br/>(%)</b> | 46-52 | <b>ATM Pressure:<br/>(kPa)</b> | 100.7-101 |
|------------------------------|---------|---------------------------------------|-------|--------------------------------|-----------|

**Test Data:****26dB Emission Bandwidth****5150-5250MHz**

| Mode       | Test Frequency (MHz) | Result (MHz)  |
|------------|----------------------|---------------|
| 802.11a    | 5180                 | 23.238        |
|            | 5200                 | 23.635        |
|            | 5240                 | 23.085        |
| 802.11ac20 | 5180                 | 24.067        |
|            | 5200                 | 23.650        |
|            | 5240                 | 24.080        |
| 802.11ac40 | 5190                 | 41.942        |
|            | 5230                 | 41.742        |
| 802.11ac80 | 5210                 | <b>83.884</b> |

**5250-5350MHz**

| Mode       | Test Frequency (MHz) | Result (MHz)  |
|------------|----------------------|---------------|
| 802.11a    | 5260                 | 23.778        |
|            | 5280                 | 24.334        |
|            | 5320                 | 24.277        |
| 802.11ac20 | 5260                 | 24.240        |
|            | 5280                 | 23.950        |
|            | 5320                 | 25.339        |
| 802.11ac40 | 5270                 | 42.042        |
|            | 5310                 | 42.042        |
| 802.11ac80 | 5290                 | <b>84.485</b> |

**5470-5725MHz**

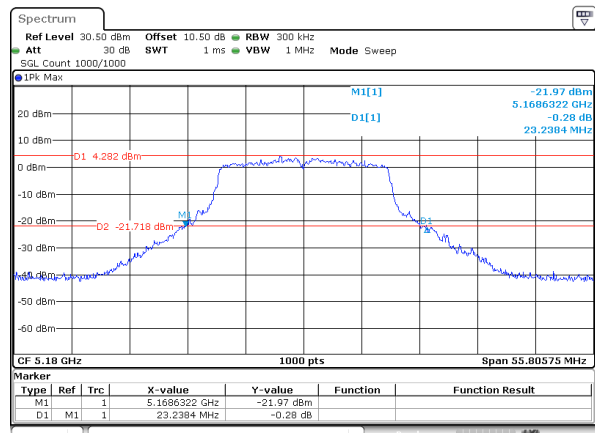
| Mode       | Test Frequency (MHz) | Result (MHz)  |
|------------|----------------------|---------------|
| 802.11a    | 5500                 | 23.174        |
|            | 5580                 | 23.165        |
|            | 5700                 | 24.445        |
|            | 5720                 | 23.630        |
| 802.11ac20 | 5500                 | 24.878        |
|            | 5580                 | 24.602        |
|            | 5700                 | 24.882        |
|            | 5720                 | 25.629        |
| 802.11ac40 | 5510                 | 42.042        |
|            | 5550                 | 42.042        |
|            | 5670                 | 42.342        |
|            | 5710                 | 42.142        |
| 802.11ac80 | 5530                 | 84.284        |
|            | 5610                 | 84.685        |
|            | 5690                 | <b>85.085</b> |

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

| Mode       | Test Frequency (MHz) | Result (MHz)  | Limit (MHz) | Verdict |
|------------|----------------------|---------------|-------------|---------|
| 802.11a    | 5745                 | 15.466        | 0.5         | Pass    |
|            | 5785                 | 16.366        | 0.5         | Pass    |
|            | 5825                 | 15.616        | 0.5         | Pass    |
| 802.11ac20 | 5745                 | 16.266        | 0.5         | Pass    |
|            | 5785                 | 16.667        | 0.5         | Pass    |
|            | 5825                 | 16.667        | 0.5         | Pass    |
| 802.11ac40 | 5755                 | 35.536        | 0.5         | Pass    |
|            | 5795                 | 35.335        | 0.5         | Pass    |
| 802.11ac80 | 5775                 | <b>75.476</b> | 0.5         | Pass    |

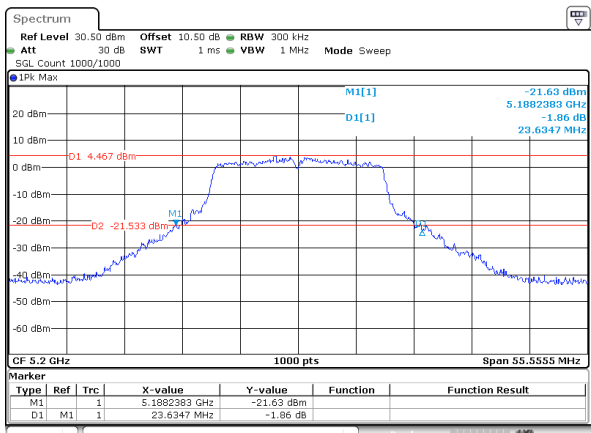
5150-5250MHz

802.11a\_5180MHz



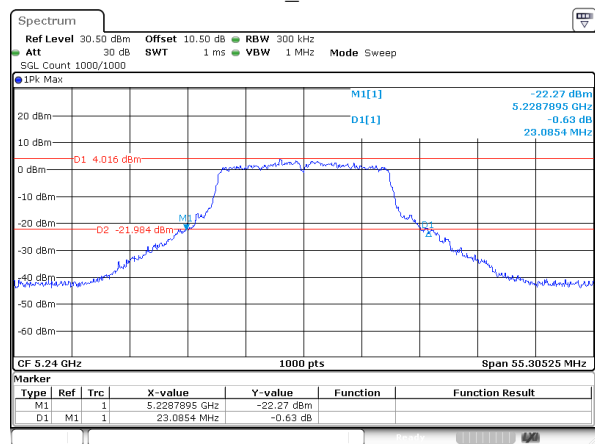
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Date: 29.AUG.2025 23:11:37

802.11a\_5200MHz



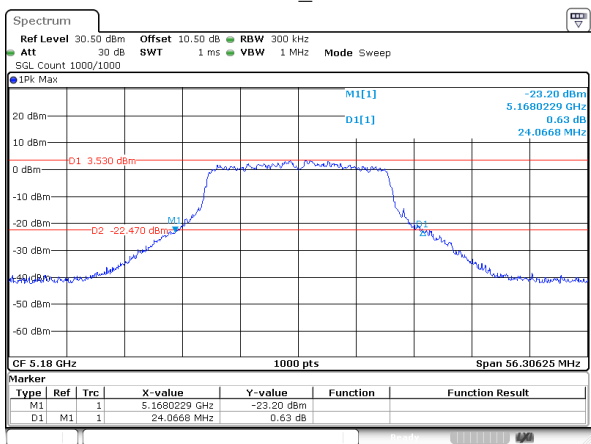
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Date: 29.AUG.2025 23:13:51

802.11a\_5240MHz



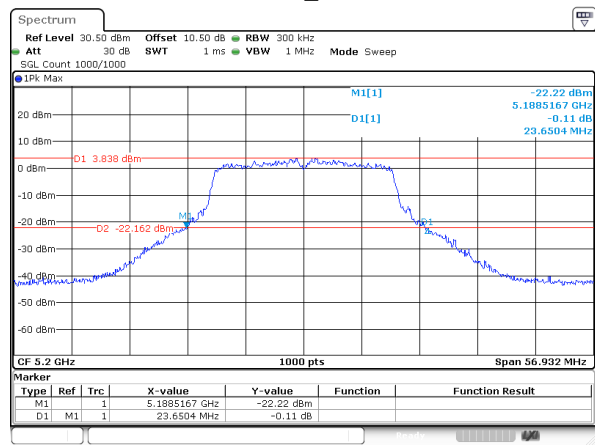
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802.11ac20\_5180MHz



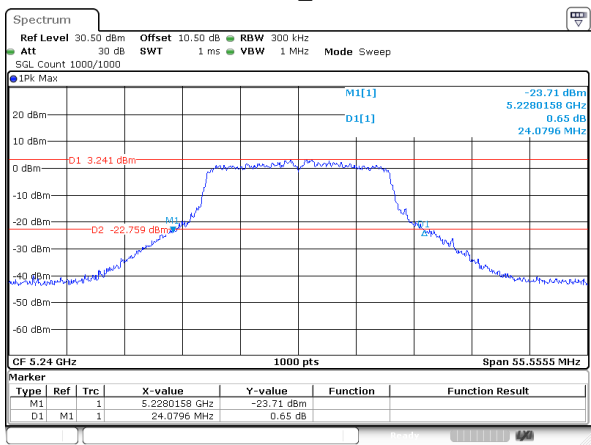
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802.11ac20\_5200MHz



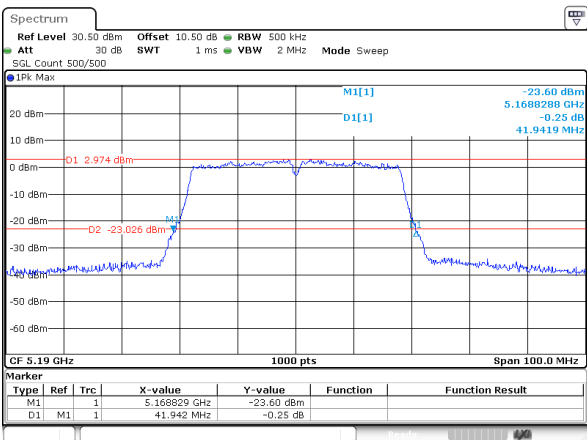
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802.11ac20\_5240MHz



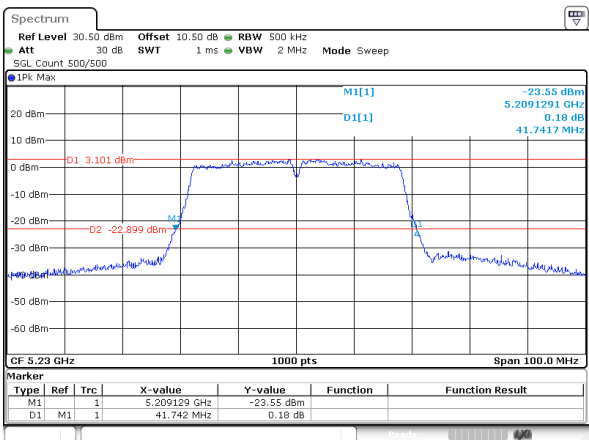
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802.11ac40\_5190MHz



ProjectNo.:2501W72957E-RF Tester:Brian LI  
Date: 29.AUG.2025 23:30:11

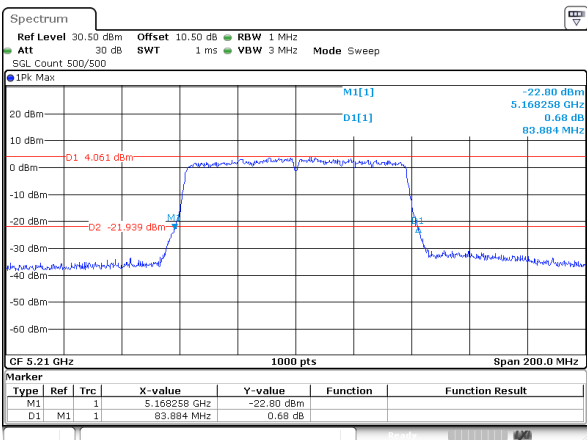
802.11ac40\_5230MHz



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Date: 29.AUG.2025 23:31:11

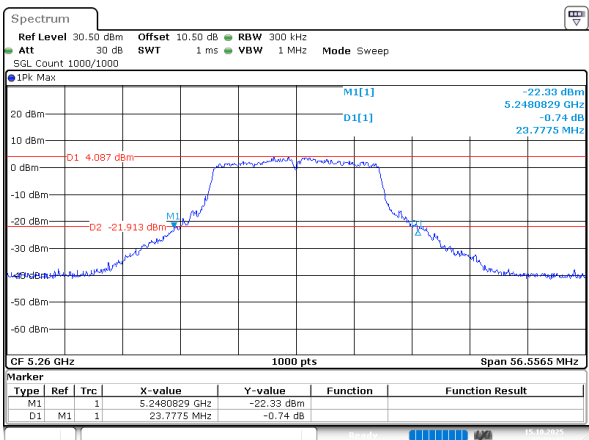
5250-5350MHz

802.11ac80\_5210MHz



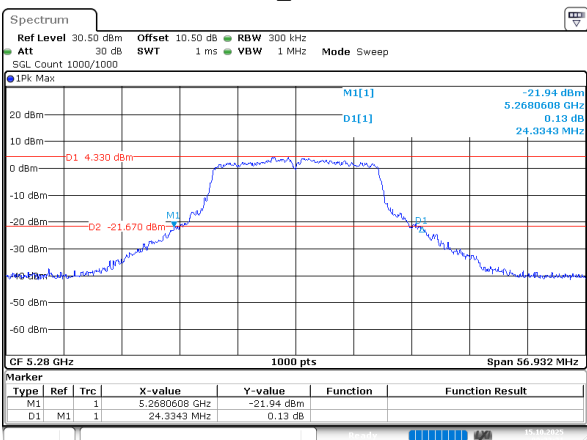
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802.11a\_5260MHz



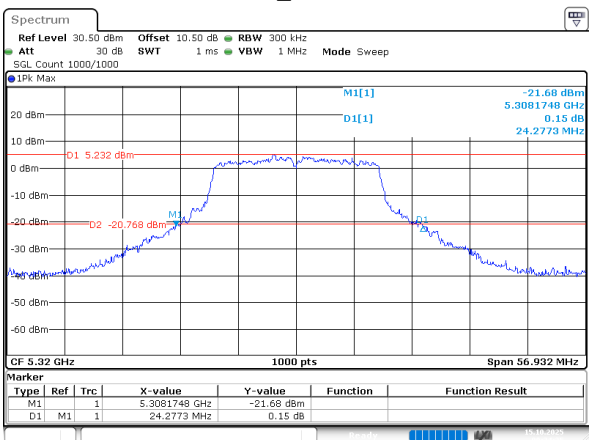
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Date: 15.OCT.2025 00:31:43

802.11a\_5280MHz



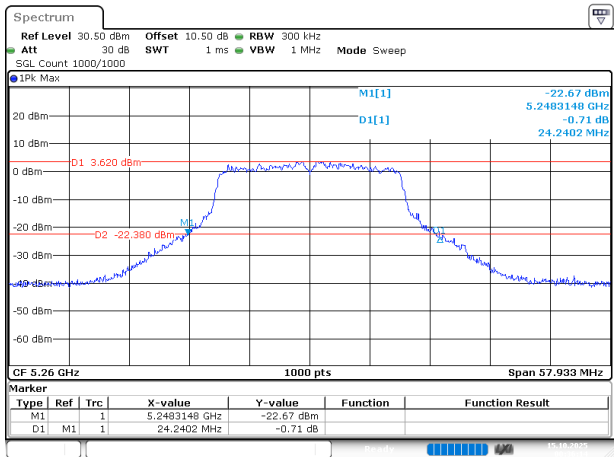
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802.11a\_5320MHz



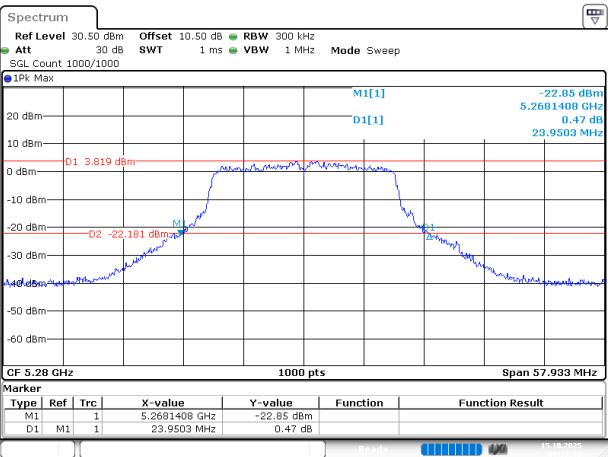
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802.11ac20\_5260MHz



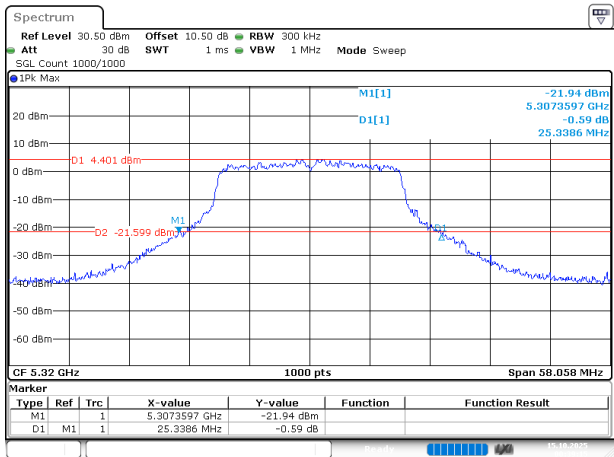
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802.11ac20\_5280MHz



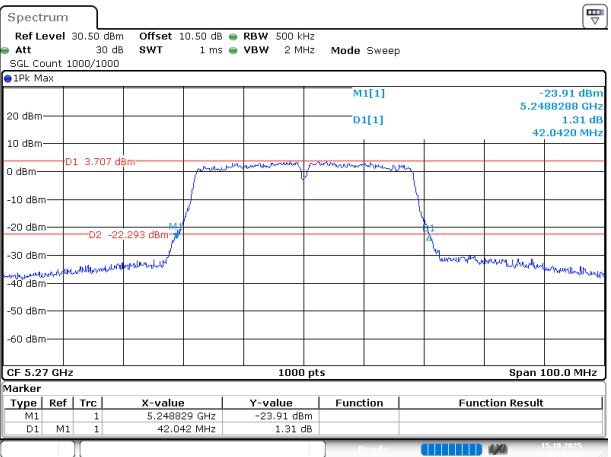
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802.11ac20\_5320MHz



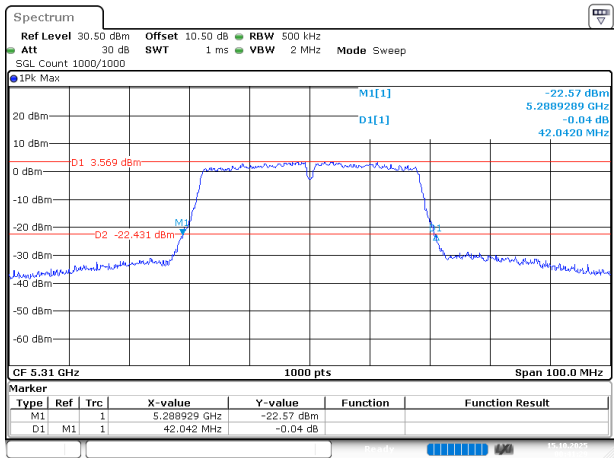
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802.11ac40\_5270MHz



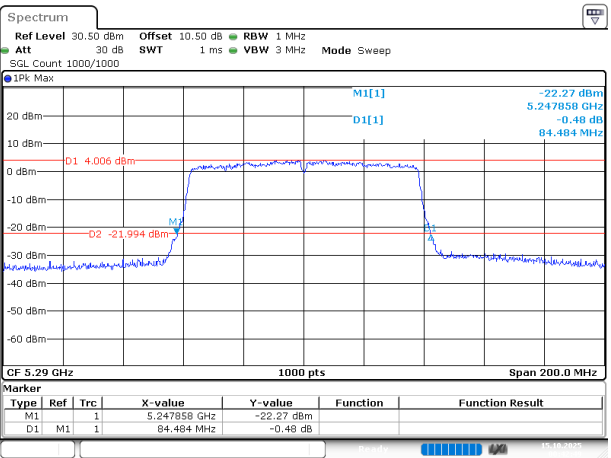
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Date: 15.OCT.2025 00:40:29

802.11ac40\_5310MHz



ProjectNo.:2501W72957E-RF Tester:Rainbow Zhu  
Date: 15.OCT.2025 00:41:29

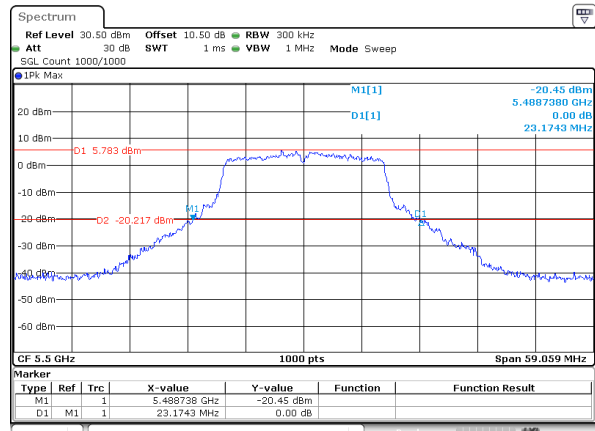
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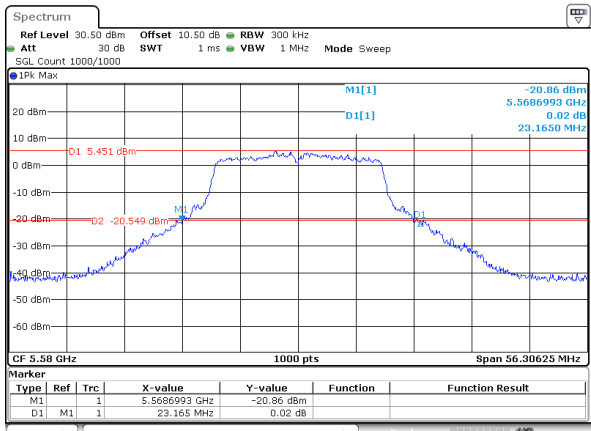
5470-5725MHz

802.11a\_5500MHz



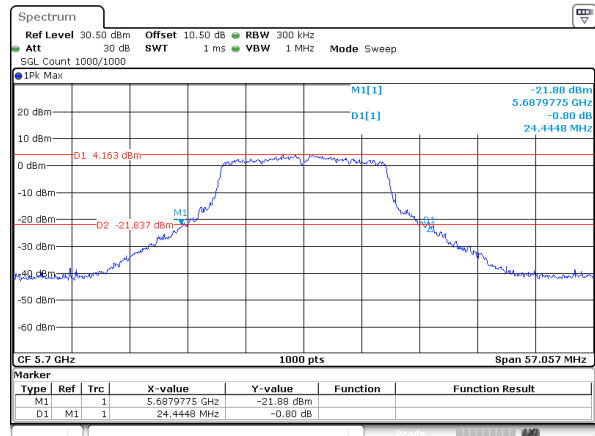
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802.11a\_5580MHz



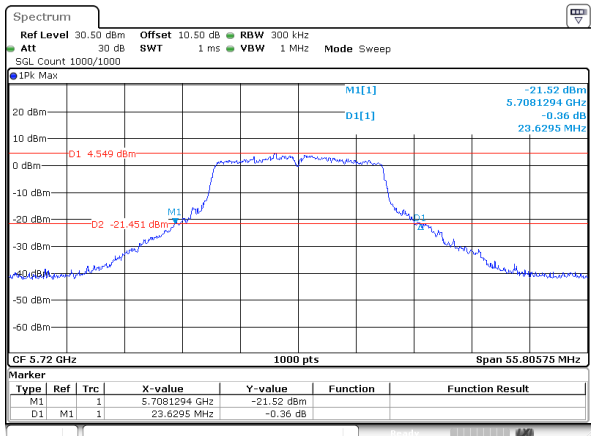
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802.11a\_5700MHz



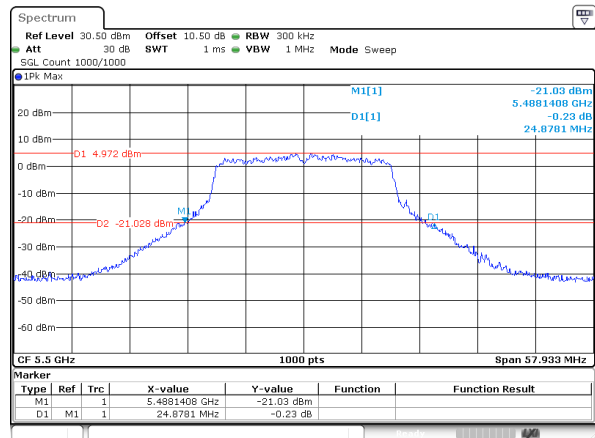
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802.11a\_5720MHz



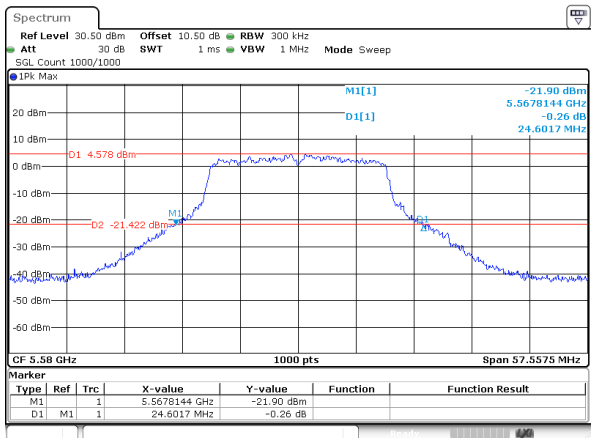
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802.11ac20\_5500MHz



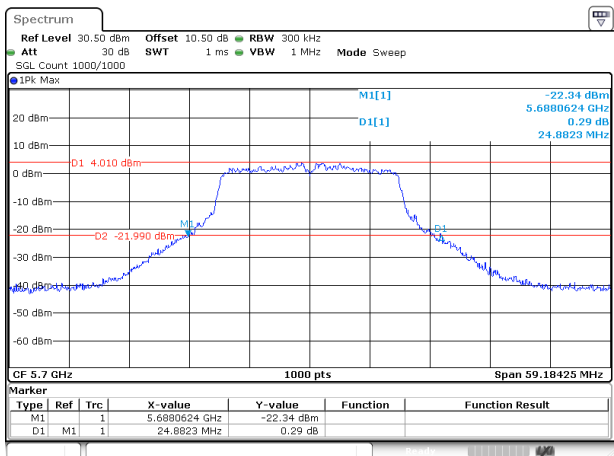
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802.11ac20\_5580MHz



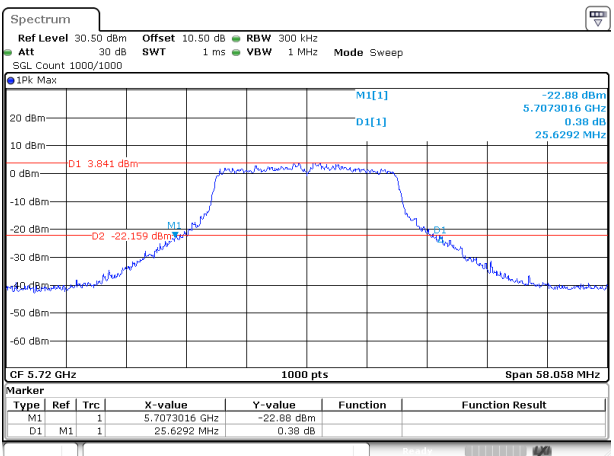
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802.11ac20\_5700MHz



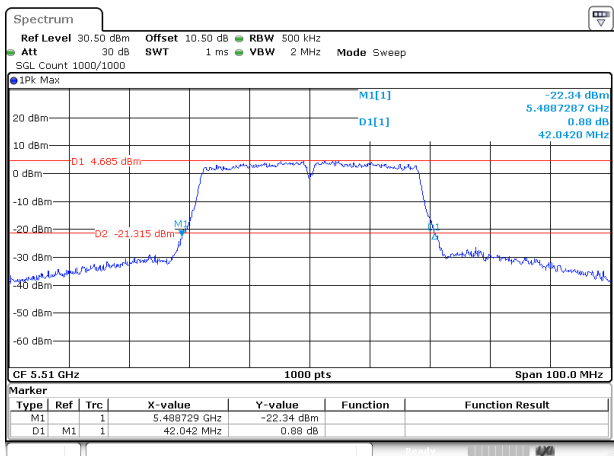
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802.11ac20\_5720MHz



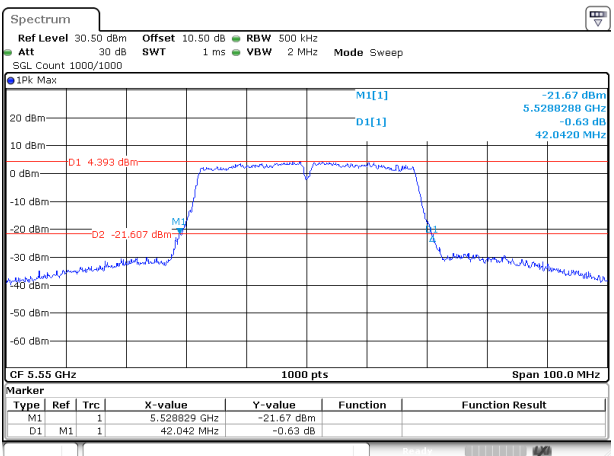
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802.11ac40\_5510MHz



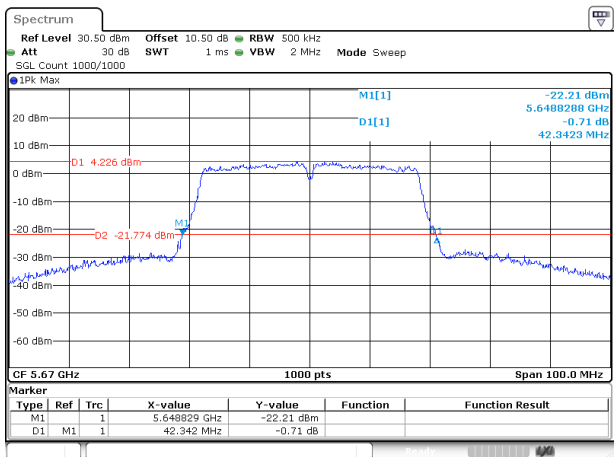
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802.11ac40\_5550MHz



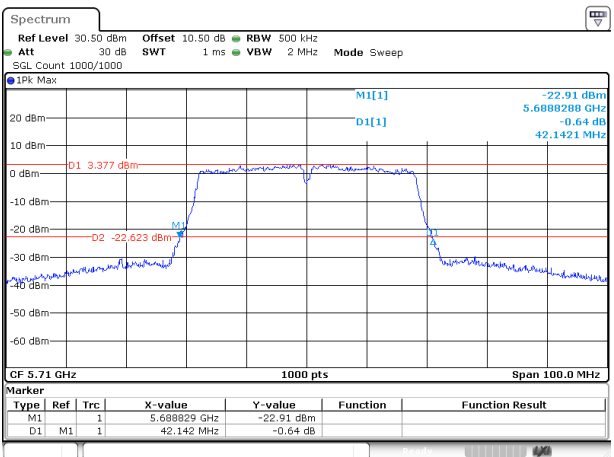
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802.11ac40\_5670MHz



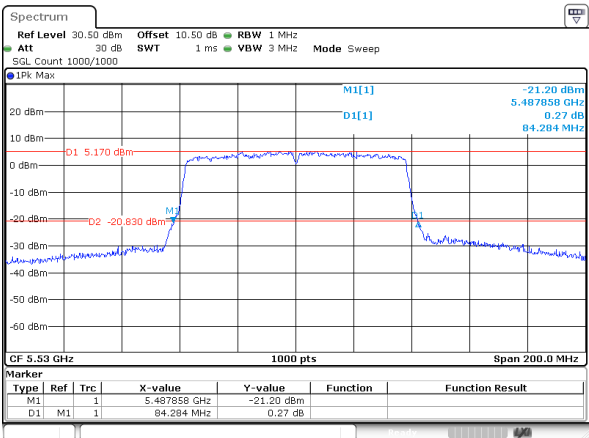
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802.11ac40\_5710MHz



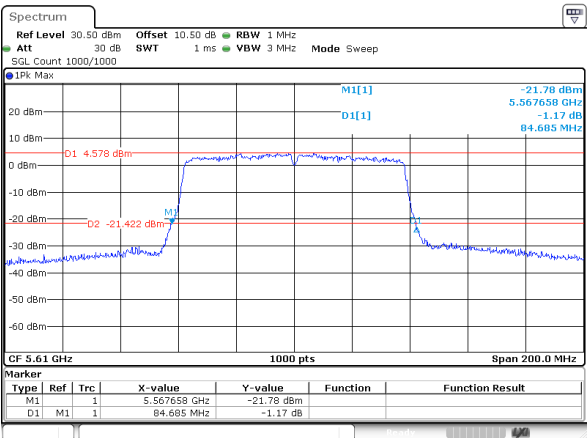
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802.11ac80\_5530MHz



ProjectNo.:2501W72957E-RF Tester:Rainbow Zhu  
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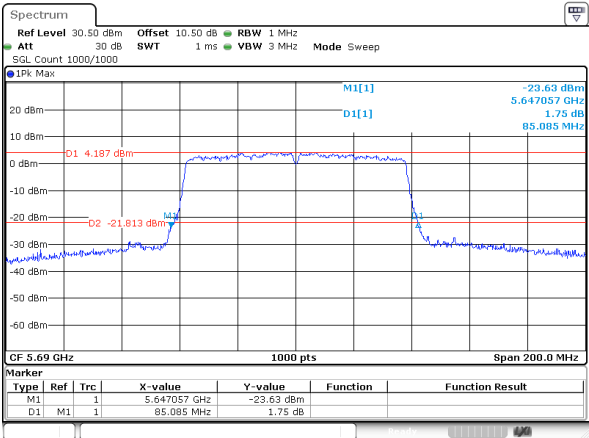
802.11ac80\_5610MHz



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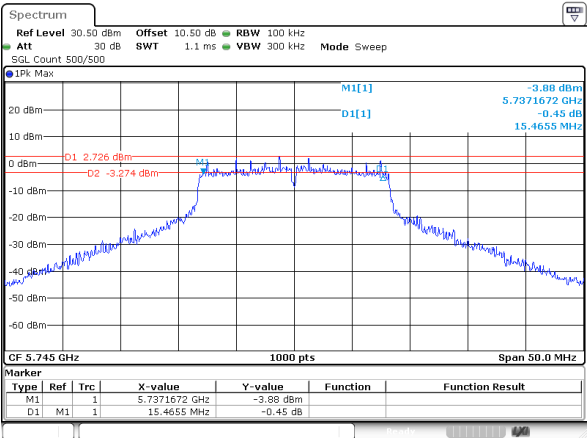
5725-5850MHz

802.11ac80\_5690MHz



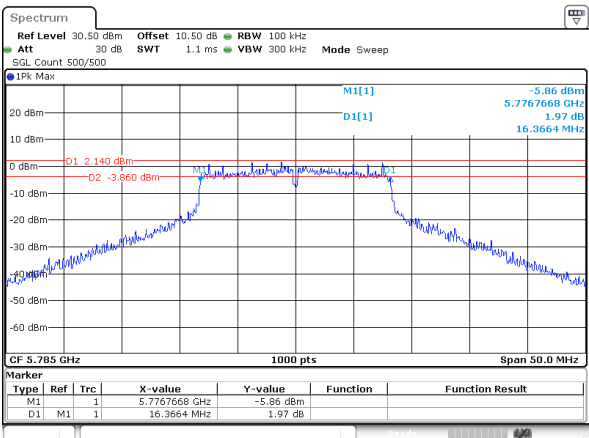
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Date: 15.OCT.2025 21:10:53

802.11a\_5745MHz



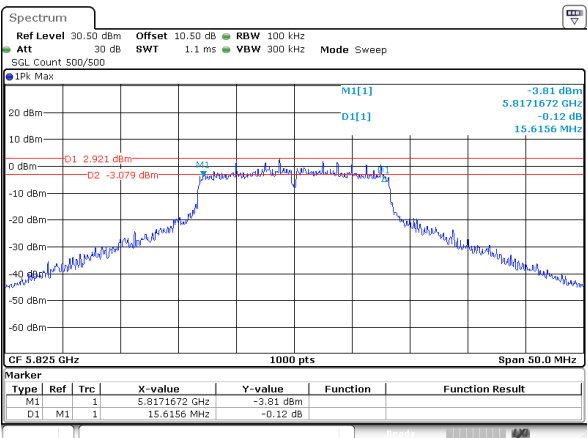
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Date: 29.AUG.2025 23:36:06

802.11a\_5785MHz



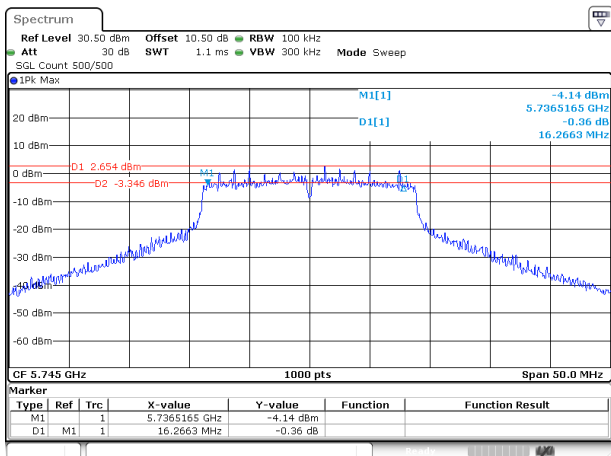
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802.11a\_5825MHz



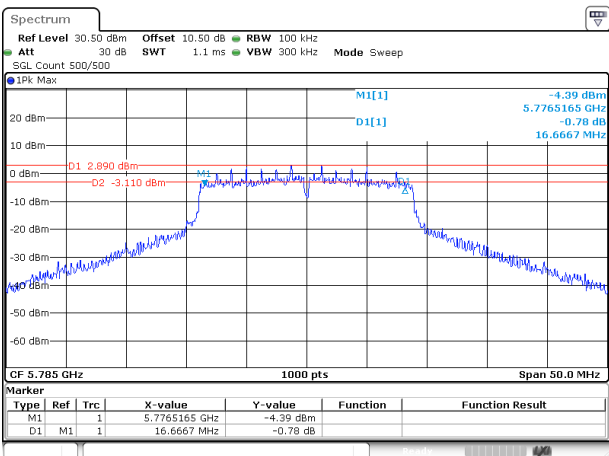
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Date: 29.AUG.2025 23:38:57

802.11ac20\_5745MHz



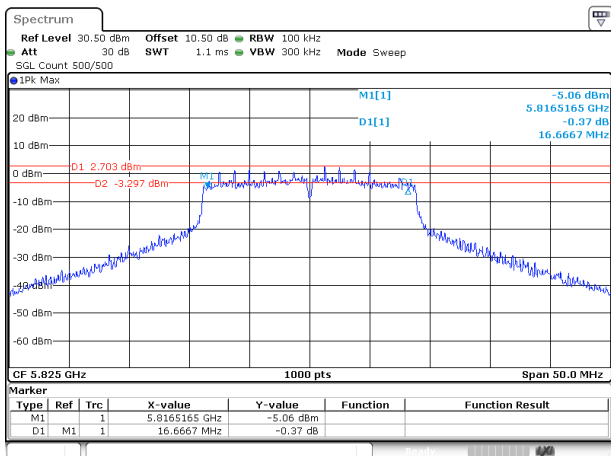
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802.11ac20\_5785MHz



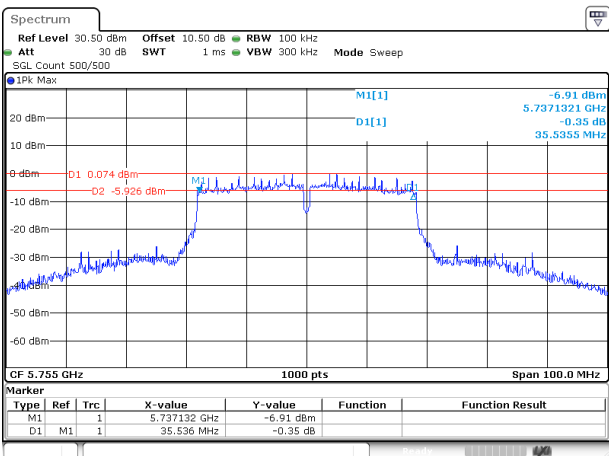
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802.11ac20\_5825MHz



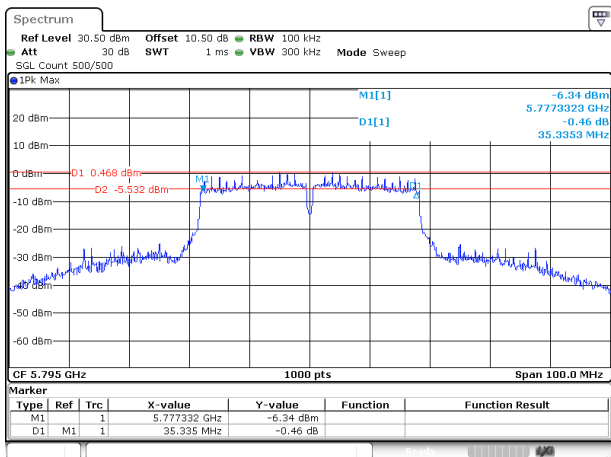
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802.11ac40\_5755MHz



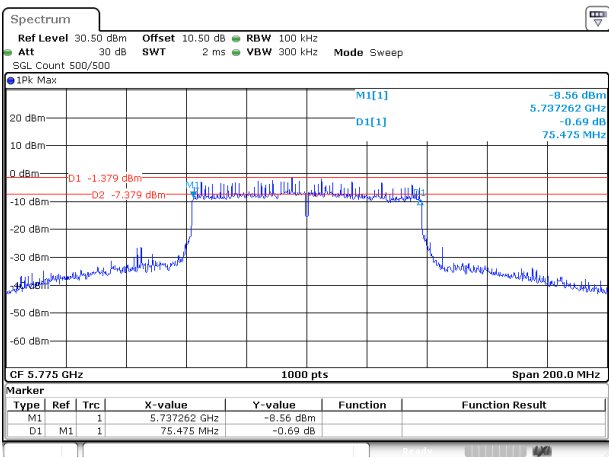
ProjectNo.:2501W72957E-RF Tester:Brian Li  
Date: 29.AUG.2025 23:44:36

802.11ac40\_5795MHz



ProjectNo.:2501W72957E-RF Tester:Brian Li  
Date: 29.AUG.2025 23:45:32

802.11ac80\_5775MHz



ProjectNo.:2501W72957E-RF Tester:Brian Li  
Date: 29.AUG.2025 23:46:43

**99% Occupied Bandwidth****Test Information:**

|                    |                       |                     |                       |
|--------------------|-----------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 381A-1                | <b>Test Date:</b>   | 2025/08/29~2025/10/15 |
| <b>Test Site:</b>  | RF                    | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Brian Li, Rainbow Zhu | <b>Test Result:</b> | N/A                   |

**Environmental Conditions:**

|                              |         |                                       |       |                                |           |
|------------------------------|---------|---------------------------------------|-------|--------------------------------|-----------|
| <b>Temperature:<br/>(°C)</b> | 25.6-26 | <b>Relative<br/>Humidity:<br/>(%)</b> | 46-52 | <b>ATM Pressure:<br/>(kPa)</b> | 100.7-101 |
|------------------------------|---------|---------------------------------------|-------|--------------------------------|-----------|

**Test Data:****5150-5250MHz**

| Mode       | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|----------------------|---------------|
| 802.11a    | 5180                 | 16.550        |
|            | 5200                 | 16.550        |
|            | 5240                 | 16.550        |
| 802.11ac20 | 5180                 | 17.800        |
|            | 5200                 | 17.800        |
|            | 5240                 | 17.750        |
| 802.11ac40 | 5190                 | 36.300        |
|            | 5230                 | 36.300        |
| 802.11ac80 | 5210                 | <b>76</b>     |

**Note:**

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

**5250-5350MHz**

| Mode       | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|----------------------|---------------|
| 802.11a    | 5260                 | 16.600        |
|            | 5280                 | 16.550        |
|            | 5320                 | 16.650        |
| 802.11ac20 | 5260                 | 17.800        |
|            | 5280                 | 17.850        |
|            | 5320                 | 17.850        |
| 802.11ac40 | 5270                 | 36.300        |
|            | 5310                 | 36.400        |
| 802.11ac80 | 5290                 | <b>76</b>     |

**5470-5725MHz**

| Mode       | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|----------------------|---------------|
| 802.11a    | 5500                 | 16.600        |
|            | 5580                 | 16.600        |
|            | 5700                 | 16.600        |
|            | 5720                 | 16.600        |
| 802.11ac20 | 5500                 | 17.850        |
|            | 5580                 | 17.800        |
|            | 5700                 | 17.800        |
|            | 5720                 | 17.800        |
| 802.11ac40 | 5510                 | 36.400        |
|            | 5550                 | 36.300        |
|            | 5670                 | 36.400        |
|            | 5710                 | 36.400        |
| 802.11ac80 | 5530                 | <b>76</b>     |
|            | 5610                 | 75.800        |
|            | 5690                 | 75.800        |

**5725-5850MHz**

| Mode       | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|----------------------|---------------|
| 802.11a    | 5745                 | 16.900        |
|            | 5785                 | 17            |
|            | 5825                 | 16.900        |
| 802.11ac20 | 5745                 | 18.100        |
|            | 5785                 | 18.100        |
|            | 5825                 | 18            |
| 802.11ac40 | 5755                 | 36.500        |
|            | 5795                 | 36.600        |
| 802.11ac80 | 5775                 | <b>76.200</b> |

**Note:**

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