TEST REPORT

Applicant Name:	Shenzhen Qianyan Technology LTD
Address:	No.3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen, China
Report Number:	2501R72164E-RF-00C
FCC ID:	2A7VD-H6020

Test Standard (s)

FCC PART 15.407

Sample Description

Product Type:	Govee Table Lamp 2 Pro x Sound by JBL
Model No.:	H6020
Multiple Model(s) No.:	N/A
Trade Mark:	Govee
Date Received:	2025-07-31
Issue Date:	2025-08-14

Test Result:	Pass▲

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

Prepared and Checked By:

Wills Yu
RF Engineer

Approved By:

Nancy Wang
RF Supervisor

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.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501R72164E-RF-00C	Original Report	2025-08-14

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Frequency Range	5150-5250MHz 5725-5850MHz
Mode	802.11a/n20/n40/ac20/ac40
Maximum Conducted Average Output Power	5150-5250MHz: 10.56dBm 5725-5850MHz: 11.02dBm
Modulation Technique	OFDM
Antenna Specification#	ANT1: B1: 2.63dBi; B4: 2.50dBi ANT2: B1: 2.63dBi; B4: 2.50dBi (provided by the applicant)
Voltage Range	DC 3.6V from battery or DC 12V from adapter
Sample serial number	37PS-1 for Conducted and Radiated Emissions Test 37PS-2 for RF Conducted Test (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	Model: BI36G-120300-AdU Input: AC100-240V, 50/60Hz, 1.2A Output: DC 12V, 3A

Objective

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

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

Test Methodology

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

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

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

Each test item follows test standards and with no deviation.

Measurement Uncertainty

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

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

For 802.11a/n20 mode: channel 36, 40, 48 were tested
For 802.11n40 mode: channel 38, 46 were tested

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

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

For 802.11a/n20 mode: channel 149, 157, 165 were tested
For 802.11n40 mode: channel 151, 159 were tested

EUT Exercise Software

Exercise Software#	Amebalite_MP_tool_1V11				
5150-5250 MHz Band					
Mode	**Test Channels**	**Test Frequency (MHz)**	**Data rate**	**Power Level#**	
				ANT 1	**ANT 2**
802.11a	Low	5180	6Mbps	60	60
	Middle	5200	6Mbps	60	60
	High	5240	6Mbps	60	60
802.11n-HT20	Low	5180	MCS0	60	60
	Middle	5200	MCS0	60	60
	High	5240	MCS0	60	60
802.11n-HT40	Low	5190	MCS0	70	70
	High	5230	MCS0	70	70

5725-5850 MHz Band					
Mode	Test Channels	Test Frequency (MHz)	Data rate	Power Level#	
				ANT 1	ANT 2
802.11a	Low	5745	6Mbps	77	77
	Middle	5785	6Mbps	77	77
	High	5825	6Mbps	77	77
802.11n-HT20	Low	5745	MCS0	80	80
	Middle	5785	MCS0	80	80
	High	5825	MCS0	80	80
802.11n-HT40	Low	5755	MCS0	81	81
	High	5795	MCS0	81	81

Note:
1. The worst-case data rates are determined to be as follows for each mode based upon inverstigation by measuring the power and PSD across all data rates bandwidths, and modulations.
2. For 802.11 all modes, the device only support SISO mode.
3. The ac20/ac40 mode was reduced test as identical parameter with n20/n40 mode.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

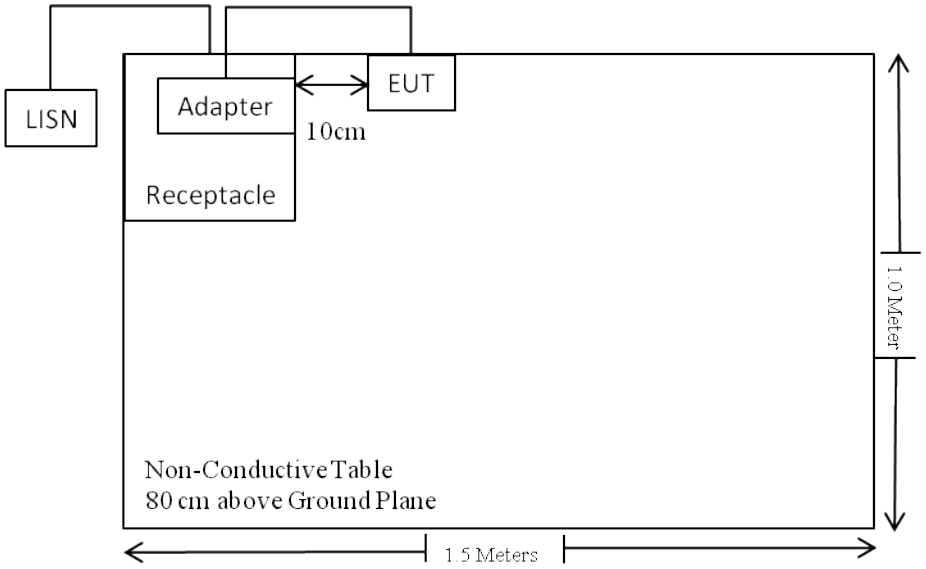
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

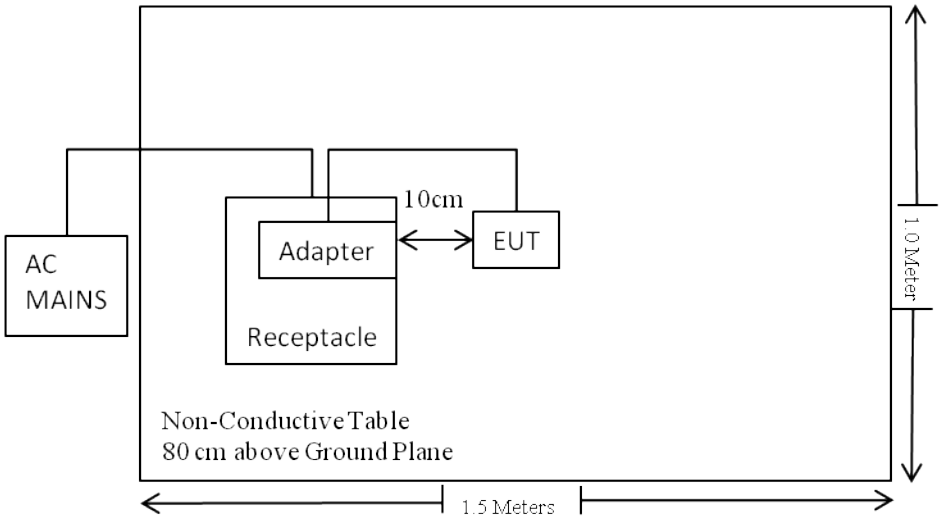
Cable Description	Length (m)	From Port	To
Unshielded Un-detachable DC Cable	1.8	EUT	Adapter
Unshielded Un-detachable AC Cable	1.2	Receptacle	LISN/AC Mains
Unshielded Un-detachable AC Cable	1.2	Socket	AC Mains

Block Diagram of Test Setup

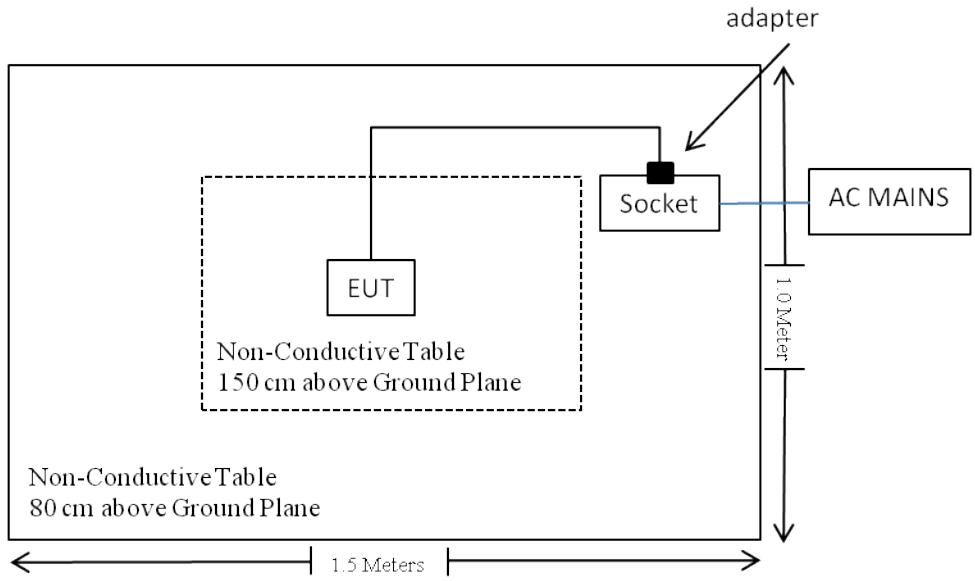
For Conducted Emissions:



For Radiated Emissions below 1GHz:



For Radiated Emissions above 1GHz:



SUMMARY OF TEST RESULTS

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

Not Applicable: The device cannot operate on 5250-5350MHz/5470-5725MHz.

TEST EQUIPMENT LIST

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

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
R&S	Spectrum Analyzer	FSV40	101942	2024/09/20	2025/09/19
ANRITSU	Microwave peak power sensor	MA24418A	12622	2025/04/29	2026/04/28
Unknown	10dB Attenuator	Unknown	F-03-EM190	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).

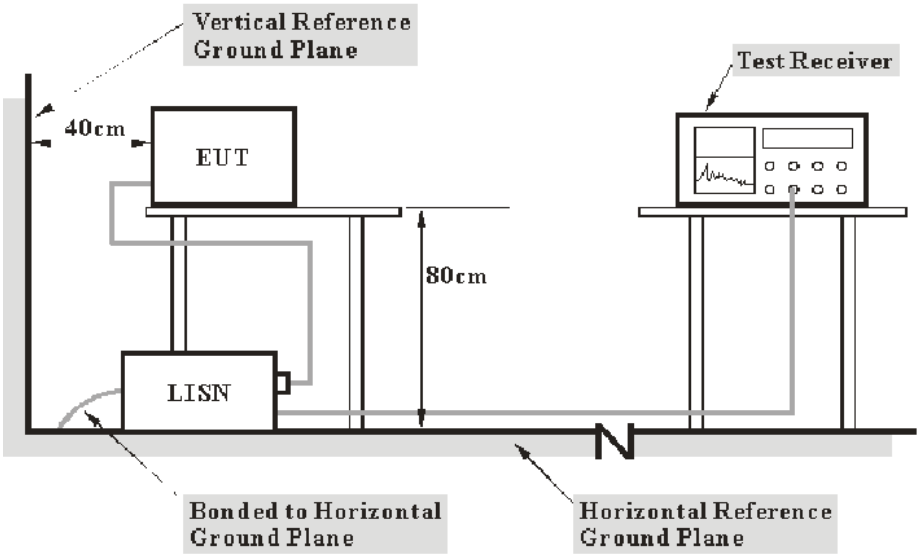
REQUIREMENTS AND TEST PROCEDURES

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:

Factor = LISN VDF + Cable Loss

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

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

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

Undesirable Emission

Applicable Standard

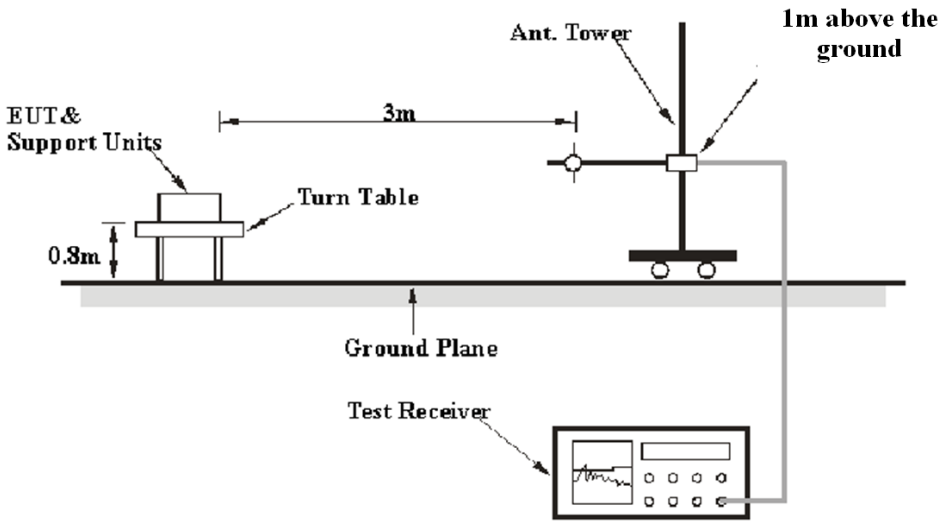
FCC §15.407 (b); §15.209; §15.205;

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band:
(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

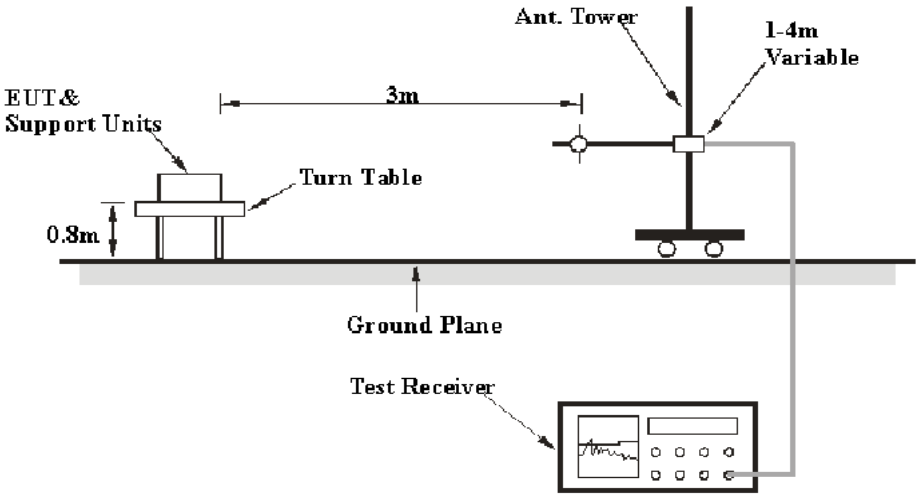
Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

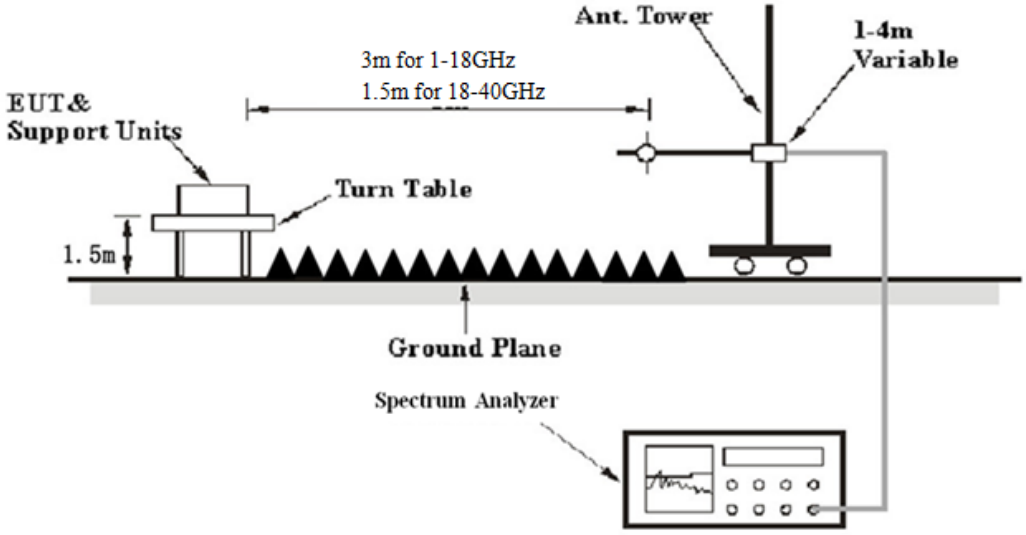
9 kHz-30MHz:



30MHz-1GHz:



Above 1 GHz:



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

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

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

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

9 kHz-1GHz:

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

1-40GHz:

Pre-scan

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

Final measurement for emission identified during pre-scan

Measurement	Duty cycle	RBW	Video B/W	Detector
PK	Any	1MHz	3 MHz	Peak
AV	>98%	1MHz	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)

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

where

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

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

Factor & Over Limit/Margin Calculation

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

Factor = Antenna Factor + Cable Loss - Amplifier Gain

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

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

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) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max-hold.
e) Sweep = No faster than coupled (auto) time.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

12.5.2 Emission bandwidth for all other bands

The procedure for this method is as follows:

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

12.5.3 Occupied bandwidth

See 6.9.3 for the measurement procedure for OBW.

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

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

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

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

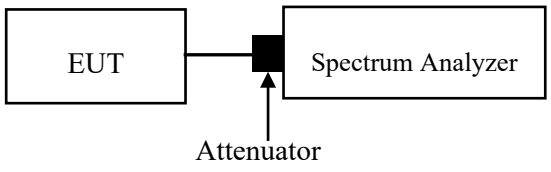
d) Step a) through step c) might require iteration to adjust within the specified range.

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

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

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

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



Conducted Transmitter Output Power

Applicable Standard

For an 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.

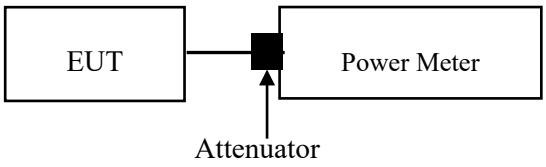
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11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

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

Test Procedure

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

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



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

Power Spectral Density

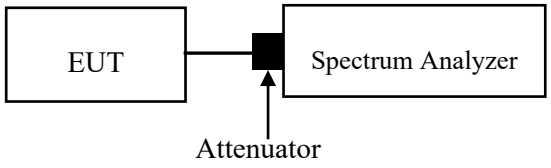
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting 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 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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

Test Procedure

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



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

Duty Cycle

Test Procedure

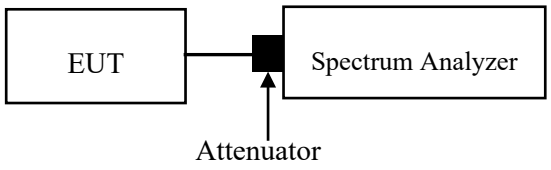
According to ANSI C63.10-2020 Section 12.2

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

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

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

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



ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

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

Antenna Connector Construction

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

Antenna	Antenna Type	Antenna Gain#	Impedance	Frequency Range
ANT1	FPC	2.63dBi	50Ω	5150-5250 MHz
	FPC	2.50dBi	50Ω	5725-5850 MHz
ANT2	FPC	2.63dBi	50Ω	5150-5250 MHz
	FPC	2.50dBi	50Ω	5725-5850 MHz

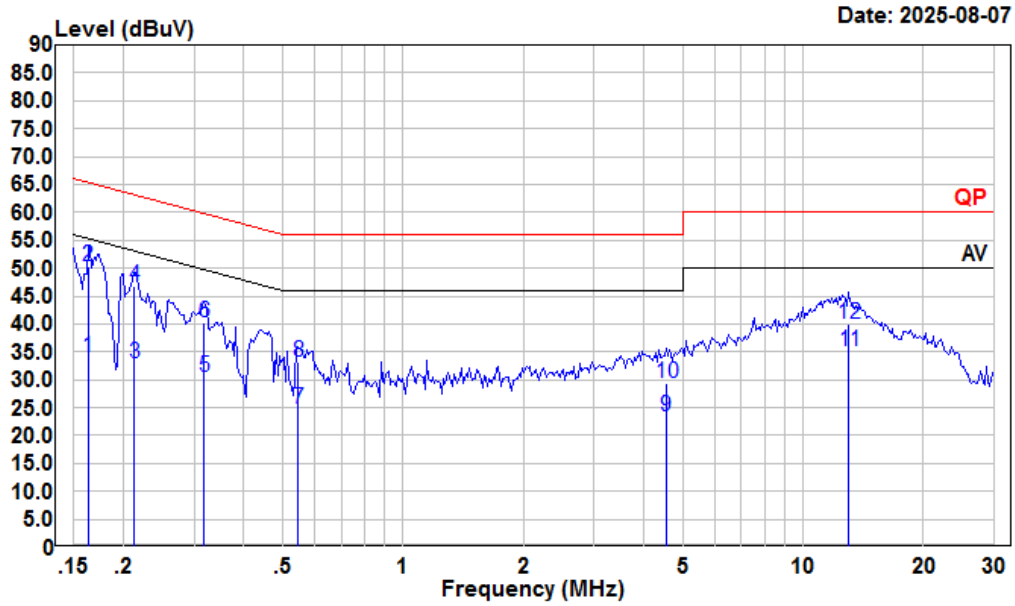
Result: Compliant

TEST DATA AND RESULTS

Conducted Emissions

Temperature (℃)	25.8	**Relative Humidity (%)**	69
ATM Pressure (kPa)	100.2	**Test engineer**	Macy Shi
Test date	2025/08/07		
EUT operation mode	Transmitting(Maximum output power mode, ANT1 802.11n20 5745MHz)		

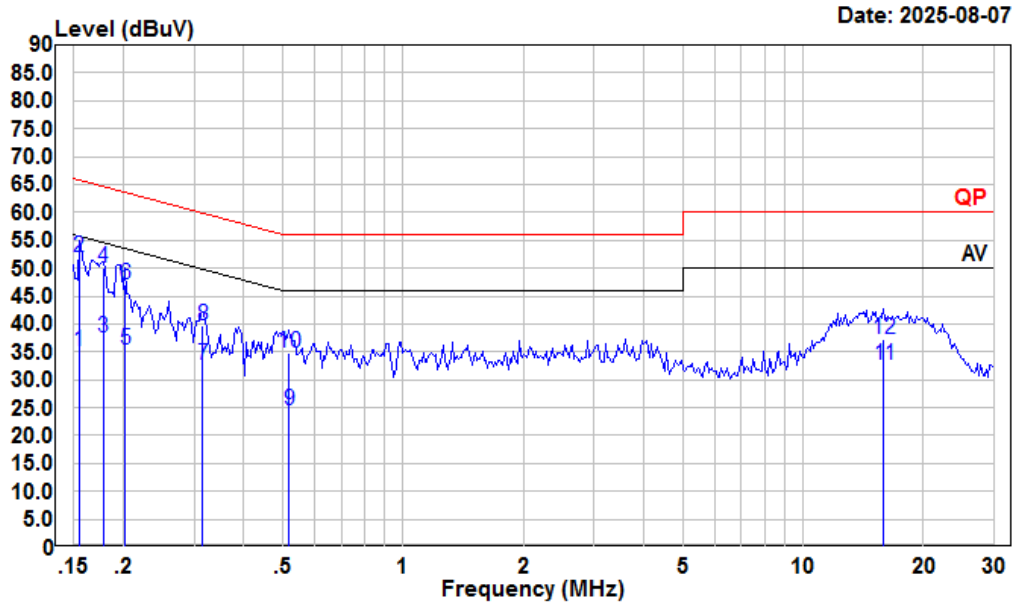
AC 120V 60 Hz, Line



Condition: Line
Project : 2501R72164E-RF
tester : Macy.shi Note:5G WIFI Transmitting
Setting : RBW:9kHz

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.163	13.45	34.12	10.49	10.18	55.30	-21.18	Average
2	0.163	29.60	50.27	10.49	10.18	65.30	-15.03	QP
3	0.213	12.14	33.02	10.69	10.19	53.10	-20.08	Average
4	0.213	25.84	46.72	10.69	10.19	63.10	-16.38	QP
5	0.318	9.67	30.46	10.60	10.19	49.75	-19.29	Average
6	0.318	19.36	40.15	10.60	10.19	59.75	-19.60	QP
7	0.546	4.07	24.88	10.61	10.20	46.00	-21.12	Average
8	0.546	12.26	33.07	10.61	10.20	56.00	-22.93	QP
9	4.549	2.26	23.35	10.83	10.26	46.00	-22.65	Average
10	4.549	8.32	29.41	10.83	10.26	56.00	-26.59	QP
11	12.988	14.41	34.98	10.30	10.27	50.00	-15.02	Average
12	12.988	19.50	40.07	10.30	10.27	60.00	-19.93	QP

AC 120V 60 Hz, Neutral



Condition: Neutral
Project : 2501R72164E-RF
tester : Macy.shi Note:5G WIFI Transmitting
Setting : RBW:9kHz

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.155	14.58	35.19	10.44	10.17	55.74	-20.55	Average
2	0.155	31.24	51.85	10.44	10.17	65.74	-13.89	QP
3	0.178	16.80	37.63	10.64	10.19	54.59	-16.96	Average
4	0.178	29.20	50.03	10.64	10.19	64.59	-14.56	QP
5	0.202	14.24	35.23	10.80	10.19	53.54	-18.31	Average
6	0.202	26.13	47.12	10.80	10.19	63.54	-16.42	QP
7	0.315	11.75	32.59	10.65	10.19	49.84	-17.25	Average
8	0.315	18.82	39.66	10.65	10.19	59.84	-20.18	QP
9	0.518	3.68	24.38	10.51	10.19	46.00	-21.62	Average
10	0.518	14.16	34.86	10.51	10.19	56.00	-21.14	QP
11	15.885	11.85	32.58	10.46	10.27	50.00	-17.42	Average
12	15.885	16.56	37.29	10.46	10.27	60.00	-22.71	QP

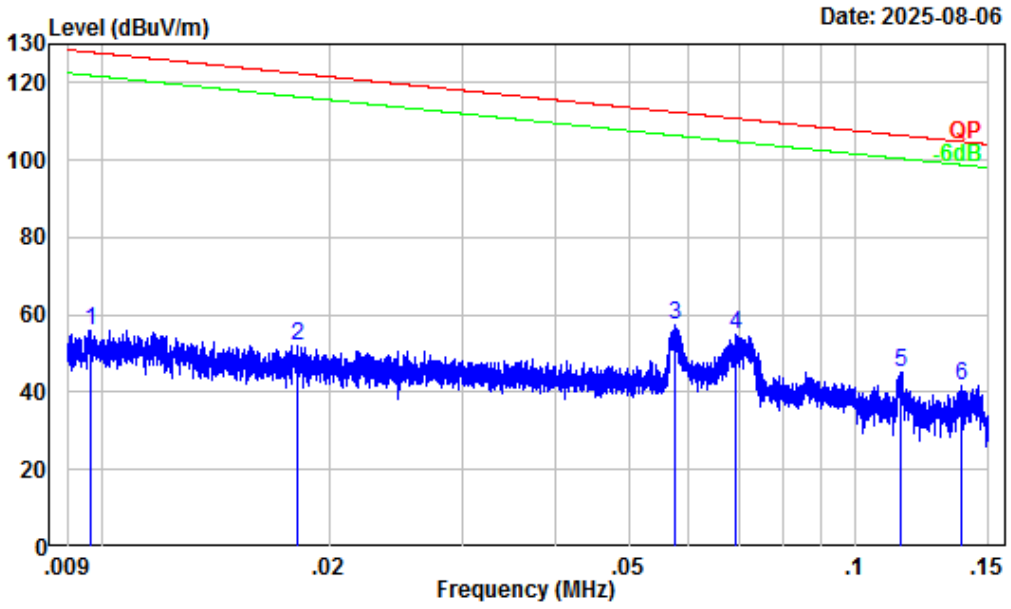
Undesirable Emission

Temperature (℃)	24.5-24.9	**Relative Humidity (%)**	51-55
ATM Pressure (kPa):	100.1-100.2	**Test engineer:**	Anson Su & Leon Guo
Test date:	2025/08/06-2025/08/11		
EUT operation mode:	Below 1GHz: Transmitting Above 1GHz: Transmitting		
Note:	1. For the radiated spurious emission below 30MHz, only the worst case (parallel) was recorded. 2. For the radiated spurious emission below 1GHz, When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded. 3. After pre-scan in the X, Y and Z axes of orientation, the worst case z-axis of orientation were recorded.		

Below 1GHz:

ANT1: *Maximum output power mode, 802.11n20 5745MHz*

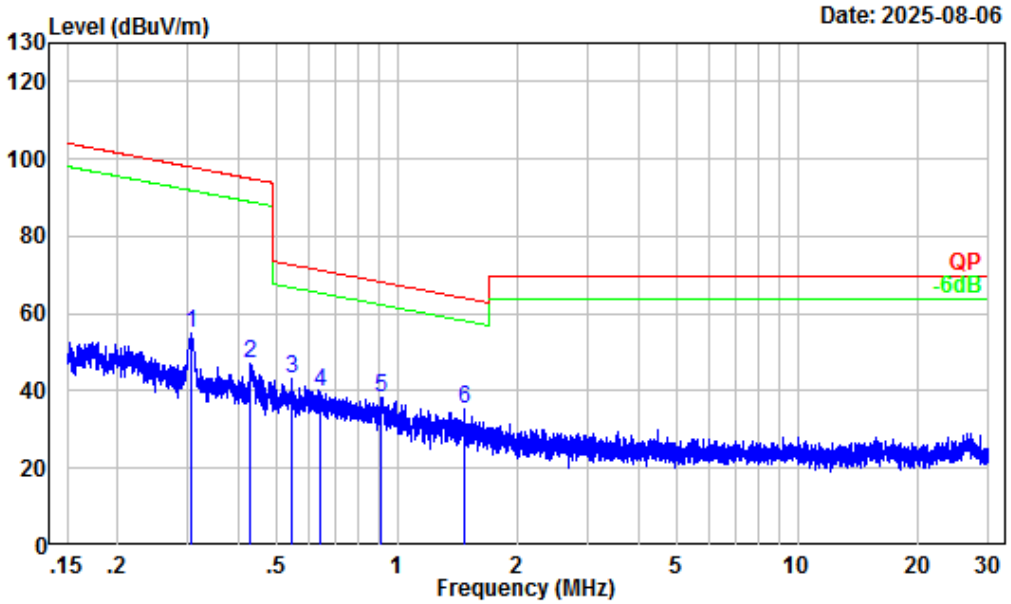
9kHz-150kHz ANT1



Site : Chamber A
Condition : 3m
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	32.37	23.71	56.08	127.92	-71.84	Peak
2	0.018	30.74	21.47	52.21	122.41	-70.20	Peak
3	0.058	25.63	31.53	57.16	112.38	-55.22	Peak
4	0.069	24.46	30.28	54.74	110.78	-56.04	Peak
5	0.114	21.14	24.24	45.38	106.43	-61.05	Peak
6	0.138	19.76	21.78	41.54	104.81	-63.27	Peak

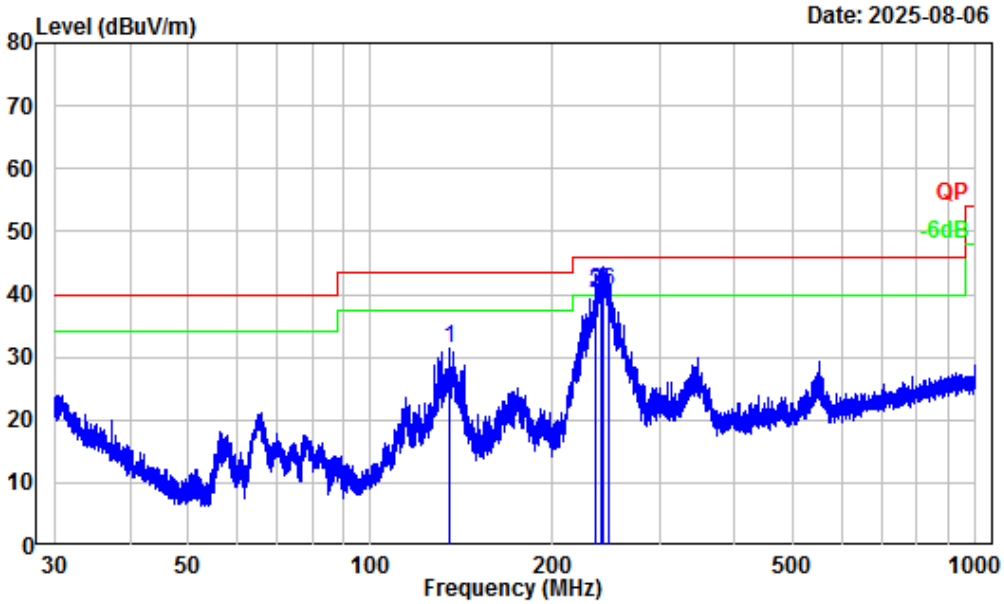
150kHz-30MHz ANT1



Site : Chamber A
Condition : 3m
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.305	10.10	44.79	54.89	97.92	-43.03	Peak
2	0.430	7.73	39.12	46.85	94.93	-48.08	Peak
3	0.548	5.81	37.59	43.40	72.82	-29.42	Peak
4	0.645	4.61	35.03	39.64	71.36	-31.72	Peak
5	0.915	1.83	36.57	38.40	68.26	-29.86	Peak
6	1.474	-0.13	35.67	35.54	64.03	-28.49	Peak

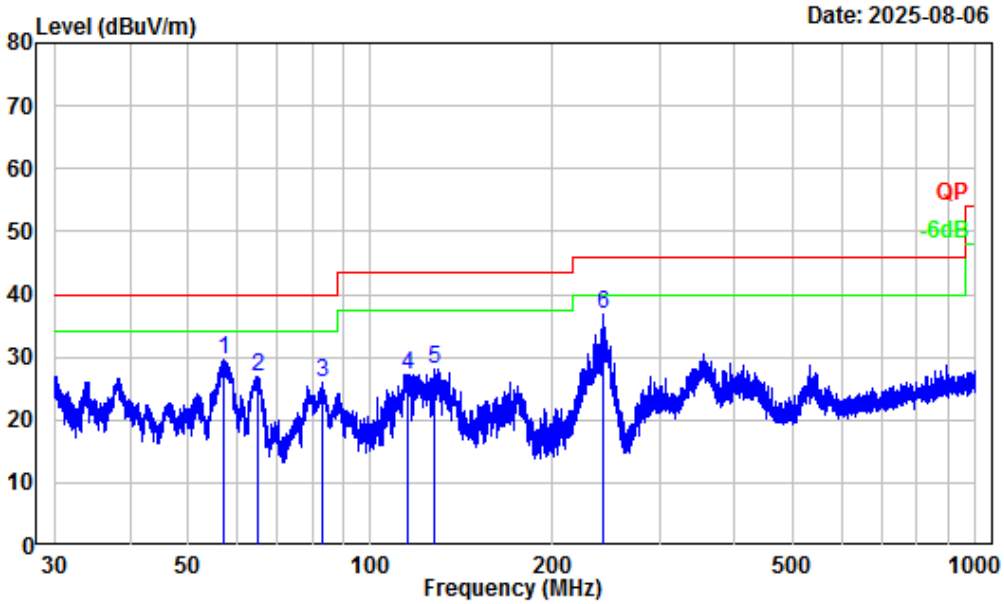
30MHz-1GHz_Horizontal ANT1



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	135.15	-11.52	42.80	31.28	43.50	-12.22	Peak
2	234.68	-13.56	53.80	40.24	46.00	-5.76	QP
3	236.02	-13.50	54.00	40.50	46.00	-5.50	QP
4	240.72	-13.31	53.85	40.54	46.00	-5.46	QP
5	242.84	-13.25	53.78	40.53	46.00	-5.47	QP
6	248.01	-13.14	53.69	40.55	46.00	-5.45	QP

30MHz-1GHz_Vertical ANT1

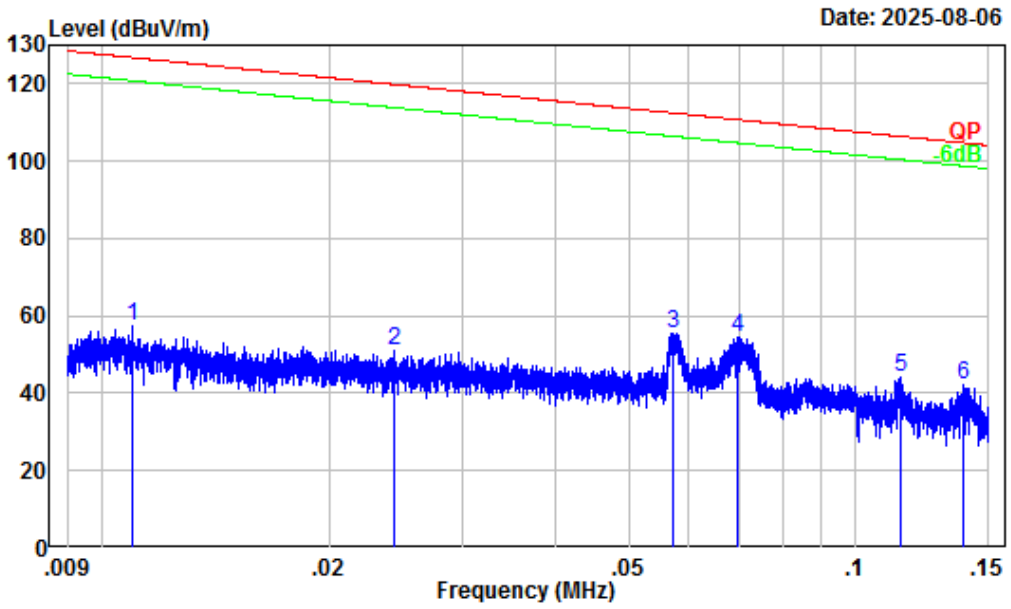


Site : Chamber A
Condition : 3m Vertical
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	57.12	-18.31	47.78	29.47	40.00	-10.53	Peak
2	65.20	-17.97	44.96	26.99	40.00	-13.01	Peak
3	83.08	-18.09	44.15	26.06	40.00	-13.94	Peak
4	115.32	-12.09	39.35	27.26	43.50	-16.24	Peak
5	127.83	-11.12	39.15	28.03	43.50	-15.47	Peak
6	242.10	-13.27	50.07	36.80	46.00	-9.20	Peak

ANT2: *Maximum output power mode, 802.11n40 5755MHz*

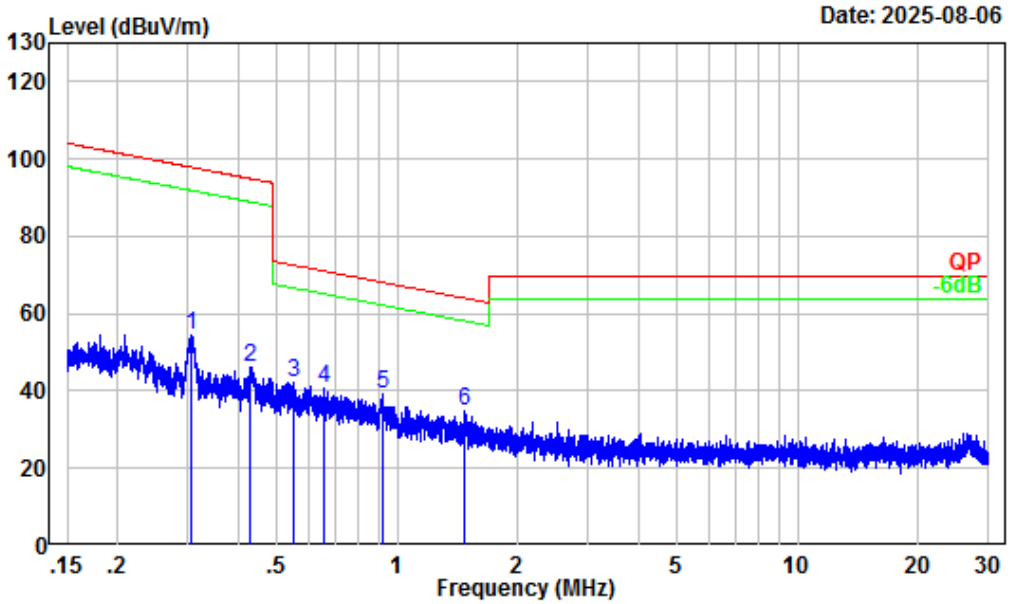
9kHz-150kHz ANT2



Site : Chamber A
Condition : 3m
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.011	32.11	25.22	57.33	126.78	-69.45	Peak
2	0.024	29.56	21.53	51.09	119.85	-68.76	Peak
3	0.057	25.68	29.83	55.51	112.45	-56.94	Peak
4	0.070	24.41	30.04	54.45	110.72	-56.27	Peak
5	0.115	21.13	23.12	44.25	106.41	-62.16	Peak
6	0.139	19.68	22.46	42.14	104.73	-62.59	Peak

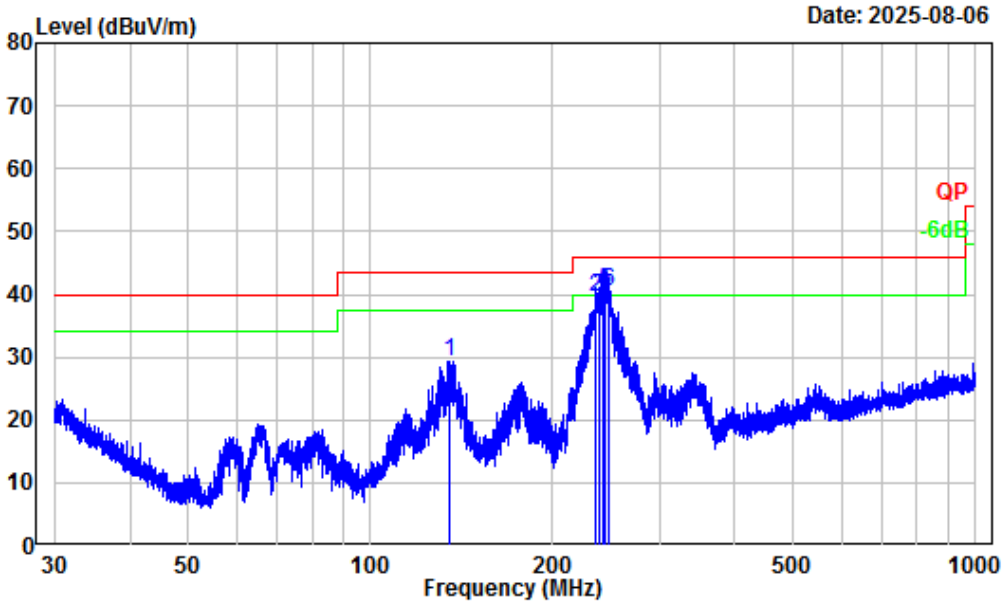
150kHz-30MHz ANT2



Site : Chamber A
Condition : 3m
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 10/30kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.305	10.10	44.46	54.56	97.90	-43.34	Peak
2	0.431	7.71	38.26	45.97	94.92	-48.95	Peak
3	0.550	5.78	36.20	41.98	72.77	-30.79	Peak
4	0.656	4.48	36.05	40.53	71.21	-30.68	Peak
5	0.918	1.81	37.51	39.32	68.23	-28.91	Peak
6	1.478	-0.14	34.78	34.64	64.01	-29.37	Peak

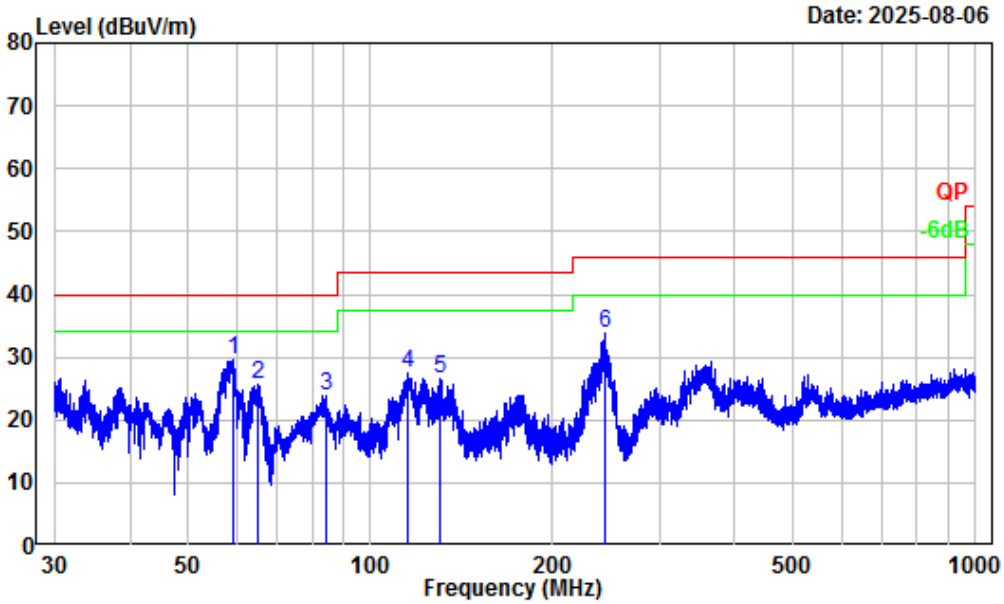
30MHz-1GHz_Horizontal ANT2



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	135.15	-11.52	40.94	29.42	43.50	-14.08	Peak
2	236.13	-13.49	52.90	39.41	46.00	-6.59	QP
3	238.31	-13.40	52.98	39.58	46.00	-6.42	QP
4	241.78	-13.27	53.78	40.51	46.00	-5.49	QP
5	243.70	-13.24	53.76	40.52	46.00	-5.48	QP
6	248.33	-13.13	53.60	40.47	46.00	-5.53	QP

30MHz-1GHz_Vertical ANT2



Site : Chamber A
Condition : 3m Vertical
Project Number : 2501R72164E-RF
Test Mode : 5G WIFI Transmitting
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	59.08	-18.21	47.70	29.49	40.00	-10.51	Peak
2	65.23	-17.97	43.56	25.59	40.00	-14.41	Peak
3	84.29	-18.08	41.92	23.84	40.00	-16.16	Peak
4	115.42	-12.07	39.40	27.33	43.50	-16.17	Peak
5	130.67	-11.28	37.92	26.64	43.50	-16.86	Peak
6	243.48	-13.24	46.91	33.67	46.00	-12.33	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)
ANT1							
802.11a							
Low Channel							
10360	62.09	PK	H	2.53	64.62	68.2	-3.58
10360	59.84	PK	V	2.53	62.37	68.2	-5.83
Middle Channel							
10400	62.14	PK	H	2.55	64.69	68.2	-3.51
10400	60.92	PK	V	2.55	63.47	68.2	-4.73
High Channel							
10480	62.65	PK	H	2.25	64.9	68.2	-3.3
10480	61.6	PK	V	2.25	63.85	68.2	-4.35
802.11n20							
Low Channel							
10360	60.79	PK	H	2.53	63.32	68.2	-4.88
10360	58.7	PK	V	2.53	61.23	68.2	-6.97
Middle Channel							
10400	61.6	PK	H	2.55	64.15	68.2	-4.05
10400	60.94	PK	V	2.55	63.49	68.2	-4.71
High Channel							
10480	62.63	PK	H	2.25	64.88	68.2	-3.32
10480	62.41	PK	V	2.25	64.66	68.2	-3.54
802.11n40							
Low Channel							
10380	61.4	PK	H	2.54	63.94	68.2	-4.26
10380	60.03	PK	V	2.54	62.57	68.2	-5.63
High Channel							
10460	62.77	PK	H	2.32	65.09	68.2	-3.11
10460	62.26	PK	V	2.32	64.58	68.2	-3.62

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
ANT2							
802.11a							
Low Channel							
10360	61.55	PK	H	2.53	64.08	68.2	-4.12
10360	59.44	PK	V	2.53	61.97	68.2	-6.23
Middle Channel							
10400	61.03	PK	H	2.55	63.58	68.2	-4.62
10400	59.71	PK	V	2.55	62.26	68.2	-5.94
High Channel							
10480	61.22	PK	H	2.25	63.47	68.2	-4.73
10480	60.58	PK	V	2.25	62.83	68.2	-5.37
802.11n20							
Low Channel							
10360	60.17	PK	H	2.53	62.7	68.2	-5.5
10360	58.4	PK	V	2.53	60.93	68.2	-7.27
Middle Channel							
10480	60.05	PK	H	2.25	62.3	68.2	-5.9
10480	58.09	PK	V	2.25	60.34	68.2	-7.86
High Channel							
10480	60.28	PK	H	2.25	62.53	68.2	-5.67
10480	58.39	PK	V	2.25	60.64	68.2	-7.56
802.11n40							
Low Channel							
10380	60.44	PK	H	2.54	62.98	68.2	-5.22
10380	59.6	PK	V	2.54	62.14	68.2	-6.06
High Channel							
10460	60.58	PK	H	2.32	62.9	68.2	-5.3
10460	59.77	PK	V	2.32	62.09	68.2	-6.11

5725-5850MHz

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
ANT1							
802.11a							
Low Channel							
11490	61.36	PK	H	3.54	64.9	74	-9.1
11490	45.15	AV	H	3.54	48.69	54	-5.31
11490	58.53	PK	V	3.54	62.07	74	-11.93
11490	43.46	AV	V	3.54	47	54	-7
Middle Channel							
11570	59.47	PK	H	3.3	62.77	74	-11.23
11570	44.55	AV	H	3.3	47.85	54	-6.15
11570	55.7	PK	V	3.3	59	74	-15
11570	42.28	AV	V	3.3	45.58	54	-8.42
High Channel							
11650	57.29	PK	H	3.43	60.72	74	-13.28
11650	43.31	AV	H	3.43	46.74	54	-7.26
11650	54.86	PK	V	3.43	58.29	74	-15.71
11650	41.21	AV	V	3.43	44.64	54	-9.36
802.11n20							
Low Channel							
11490	56.12	PK	H	3.54	59.66	74	-14.34
11490	41.54	AV	H	3.54	45.08	54	-8.92
11490	54.58	PK	V	3.54	58.12	74	-15.88
11490	40.52	AV	V	3.54	44.06	54	-9.94
Middle Channel							
11570	55.78	PK	H	3.3	59.08	74	-14.92
11570	41.24	AV	H	3.3	44.54	54	-9.46
11570	53.31	PK	V	3.3	56.61	74	-17.39
11570	40.35	AV	V	3.3	43.65	54	-10.35
High Channel							
11650	54.45	PK	H	3.43	57.88	74	-16.12
11650	41.1	AV	H	3.43	44.53	54	-9.47
11650	53.73	PK	V	3.43	57.16	74	-16.84
11650	40.61	AV	V	3.43	44.04	54	-9.96

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
802.11n40							
Low Channel							
11510	55.92	PK	H	3.53	59.45	74	-14.55
11510	41.75	AV	H	3.53	45.28	54	-8.72
11510	53.29	PK	V	3.53	56.82	74	-17.18
11510	40.66	AV	V	3.53	44.19	54	-9.81
High Channel							
11590	56.42	PK	H	3.21	59.63	74	-14.37
11590	42.51	AV	H	3.21	45.72	54	-8.28
11590	53.61	PK	V	3.21	56.82	74	-17.18
11590	40.76	AV	V	3.21	43.97	54	-10.03

Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
ANT2							
802.11a							
Low Channel							
11490	60.59	PK	H	3.54	64.13	74	-9.87
11490	44.13	AV	H	3.54	47.67	54	-6.33
11490	58.84	PK	V	3.54	62.38	74	-11.62
11490	42.79	AV	V	3.54	46.33	54	-7.67
Middle Channel							
11570	59.14	PK	H	3.3	62.44	74	-11.56
11570	43.34	AV	H	3.3	46.64	54	-7.36
11570	57.9	PK	V	3.3	61.2	74	-12.8
11570	41.99	AV	V	3.3	45.29	54	-8.71
High Channel							
11650	58.48	PK	H	3.43	61.91	74	-12.09
11650	42.52	AV	H	3.43	45.95	54	-8.05
11650	55.78	PK	V	3.43	59.21	74	-14.79
11650	41.2	AV	V	3.43	44.63	54	-9.37
802.11n20							
Low Channel							
11490	57.51	PK	H	3.54	61.05	74	-12.95
11490	41.04	AV	H	3.54	44.58	54	-9.42
11490	54.58	PK	V	3.54	58.12	74	-15.88
11490	40.16	AV	V	3.54	43.7	54	-10.3
Middle Channel							
11570	54.51	PK	H	3.3	57.81	74	-16.19
11570	40.3	AV	H	3.3	43.6	54	-10.4
11570	54.04	PK	V	3.3	57.34	74	-16.66
11570	39.46	AV	V	3.3	42.76	54	-11.24
High Channel							
11650	55.1	PK	H	3.43	58.53	74	-15.47
11650	40.59	AV	H	3.43	44.02	54	-9.98
11650	54.35	PK	V	3.43	57.78	74	-16.22
11650	40.17	AV	V	3.43	43.6	54	-10.4

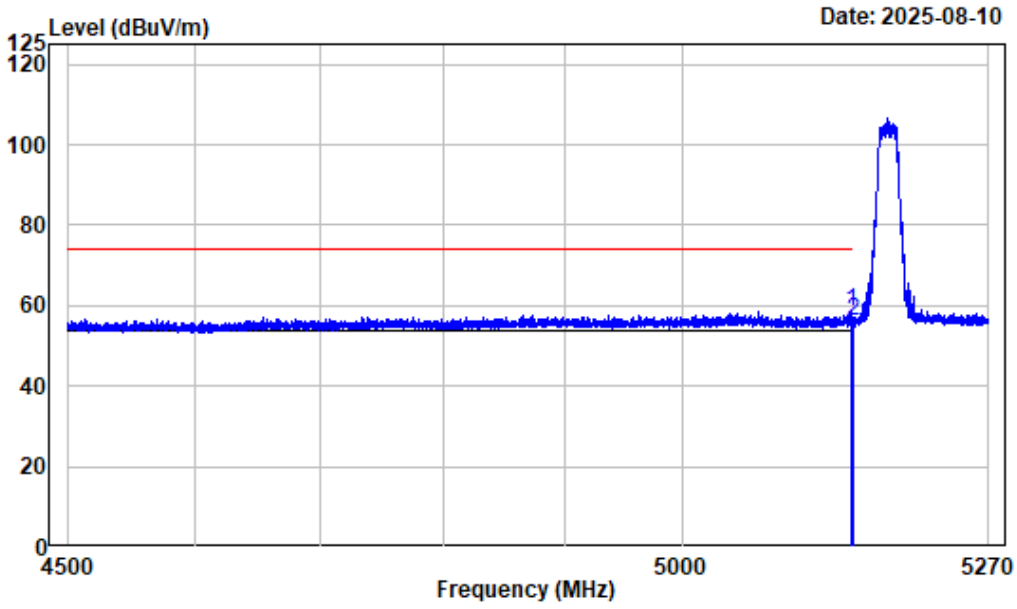
Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
802.11n40							
Low Channel							
11510	56.57	PK	H	3.53	60.1	74	-13.9
11510	40.98	AV	H	3.53	44.51	54	-9.49
11510	54.36	PK	V	3.53	57.89	74	-16.11
11510	39.85	AV	V	3.53	43.38	54	-10.62
High Channel							
11590	56.67	PK	H	3.21	59.88	74	-14.12
11590	40.82	AV	H	3.21	44.03	54	-9.97
11590	54.43	PK	V	3.21	57.64	74	-16.36
11590	39.96	AV	V	3.21	43.17	54	-10.83

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

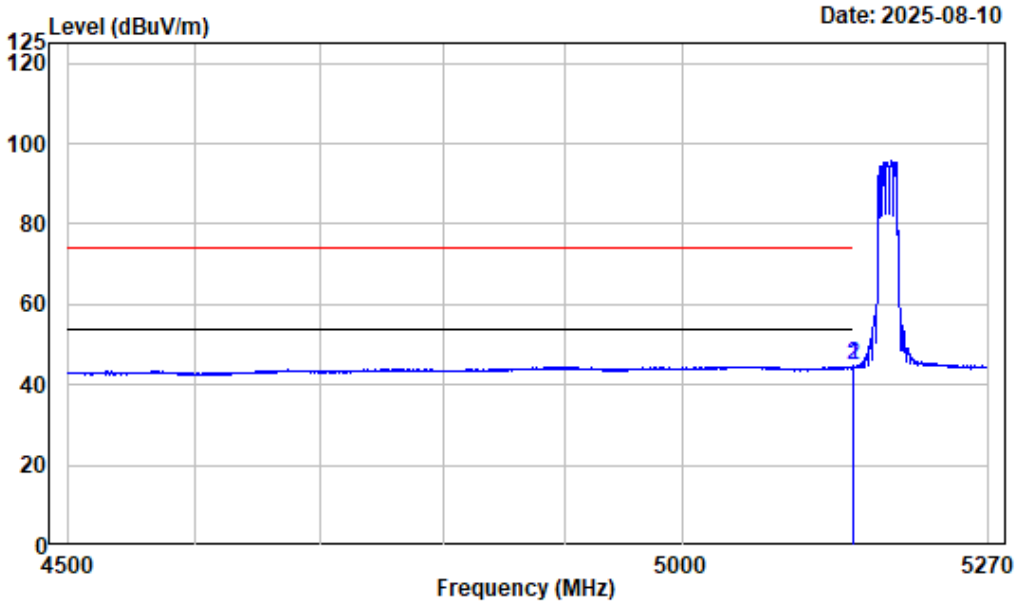
Left Band edge_Horizontal_Peak_802.11a_5180MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.325	-7.46	66.08	58.62	74.00	-15.38	Peak
2	5150.000	-7.46	63.78	56.32	74.00	-17.68	Peak

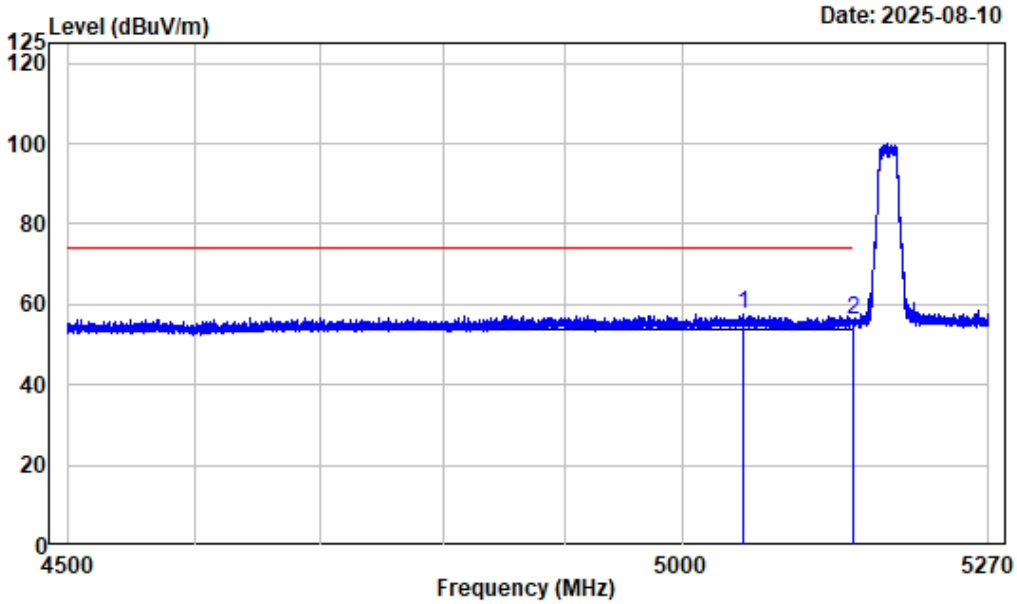
Left Band edge_Horizontal_Average_802.11a_5180MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.961	-7.46	52.12	44.66	54.00	-9.34	Average
2	5150.000	-7.46	52.12	44.66	54.00	-9.34	Average

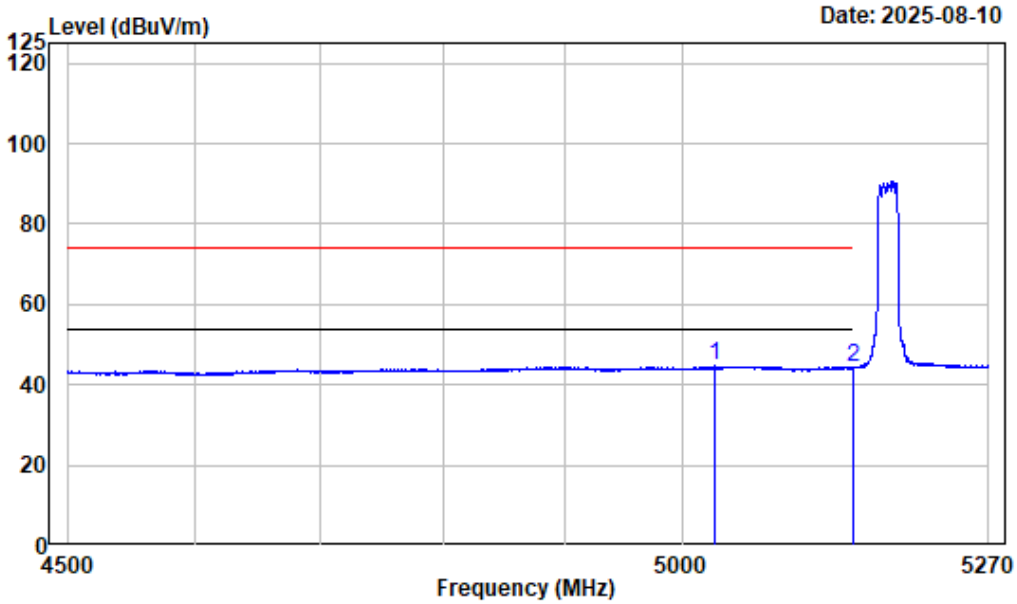
Left Band edge_Vertical_Peak_802.11a_5180MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5053.411	-7.32	64.82	57.50	74.00	-16.50	Peak
2	5150.000	-7.46	63.40	55.94	74.00	-18.06	Peak

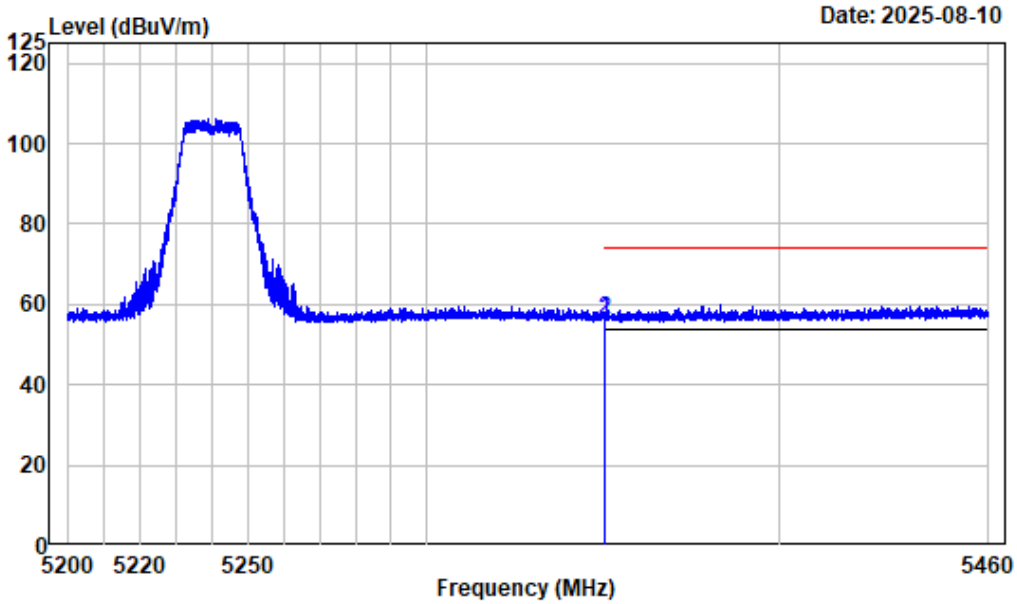
Left Band edge_Vertical_Average_802.11a_5180MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5029.152	-7.32	51.95	44.63	54.00	-9.37	Average
2	5150.000	-7.46	51.91	44.45	54.00	-9.55	Average

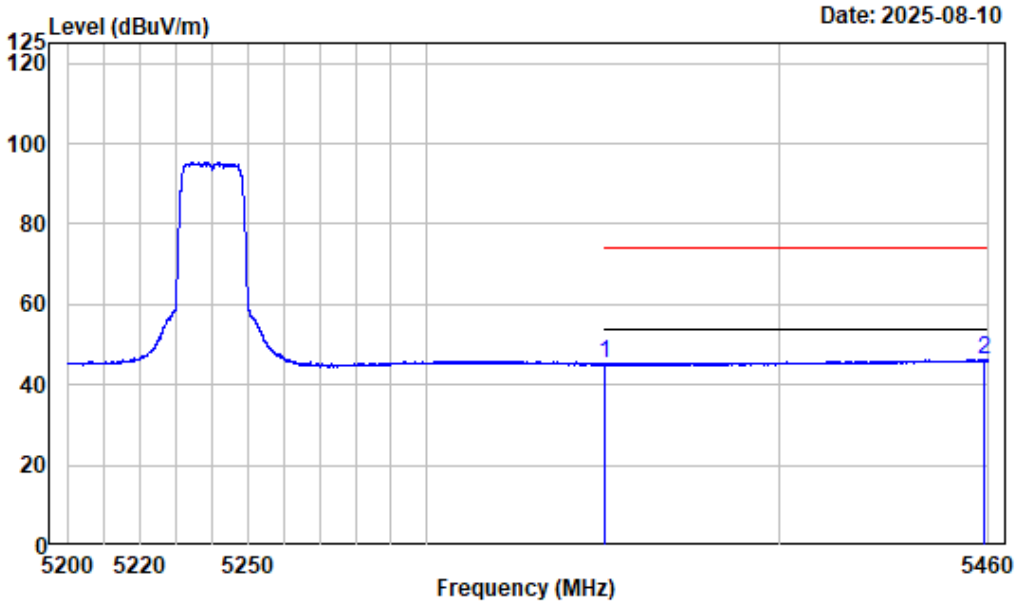
Right Band edge_Horizontal_Peak_802.11a_5240MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.04	56.30	74.00	-17.70	Peak
2	5350.000	-6.74	63.04	56.30	74.00	-17.70	Peak

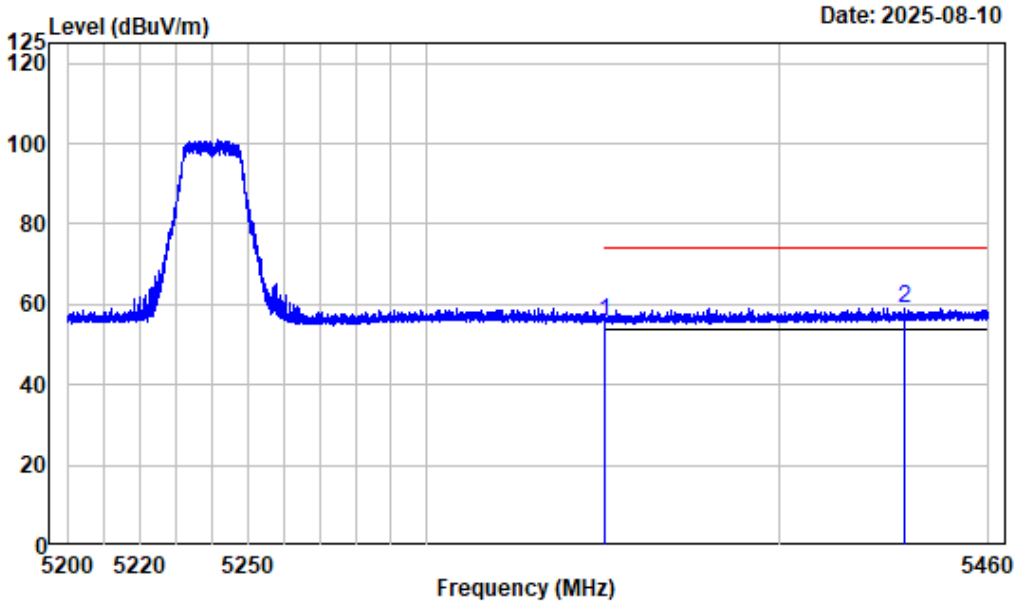
Right Band edge_Horizontal_Average_802.11a_5240MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.80	45.06	54.00	-8.94	Average
2	5458.575	-6.29	52.46	46.17	54.00	-7.83	Average

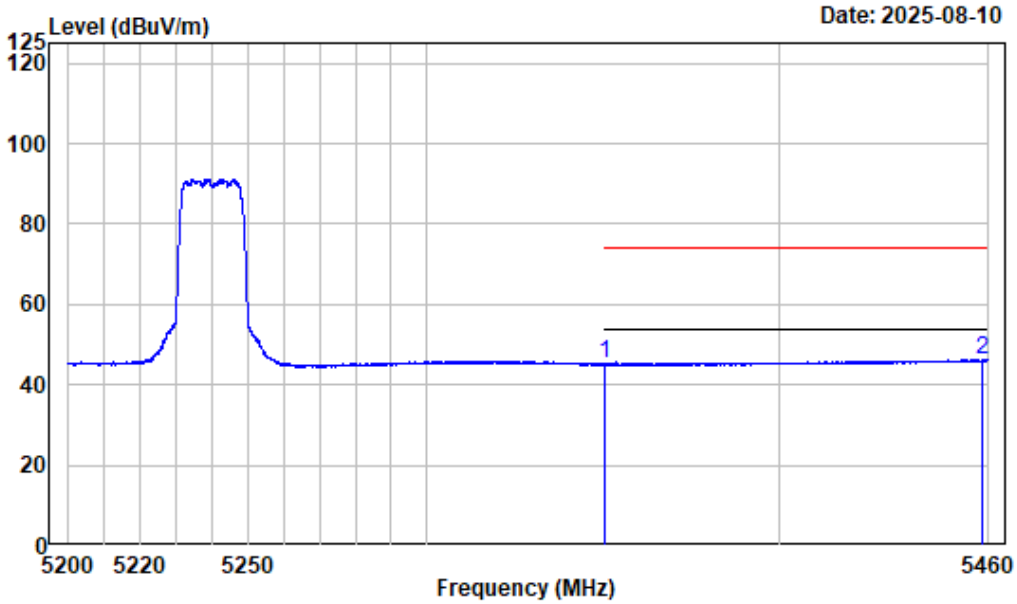
Right Band edge_Vertical_Peak_802.11a_5240MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.62	55.88	74.00	-18.12	Peak
2	5435.660	-6.40	65.30	58.90	74.00	-15.10	Peak

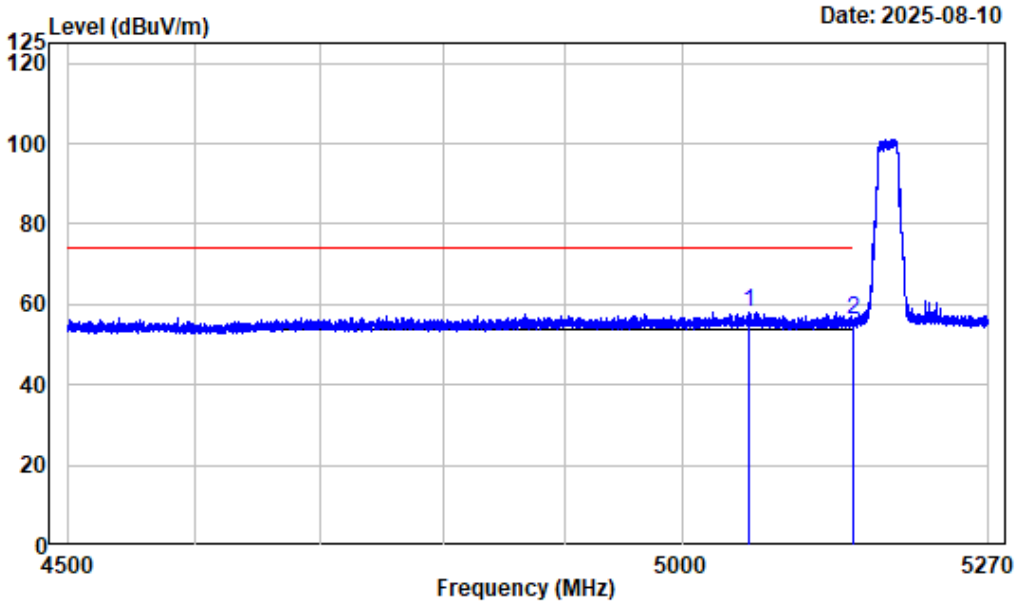
Right Band edge_Vertical_Average_802.11a_5240MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.91	45.17	54.00	-8.83	Average
2	5458.462	-6.29	52.50	46.21	54.00	-7.79	Average

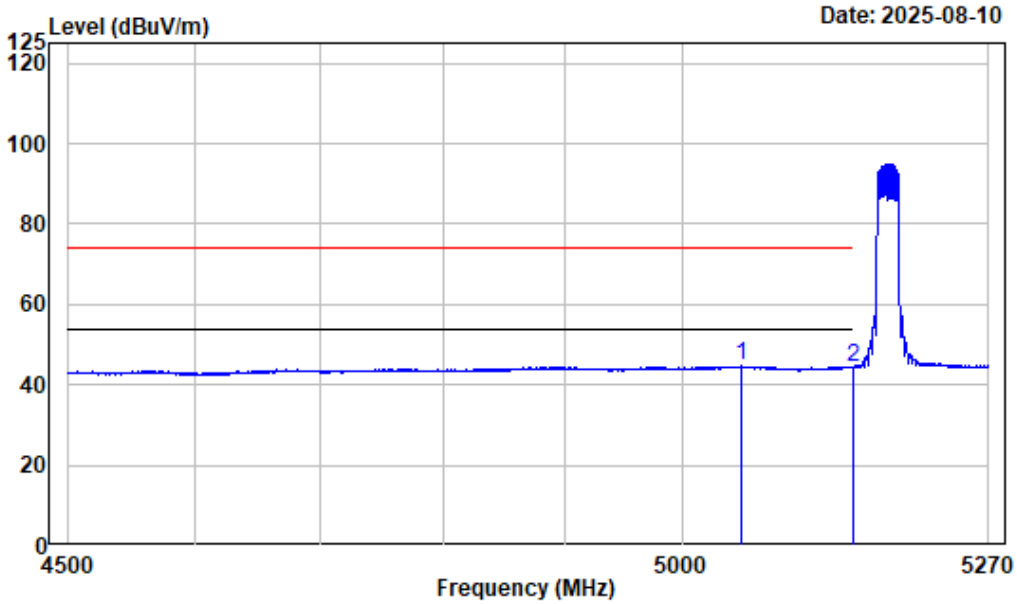
Left Band edge_Horizontal_Peak_802.11n20_5180MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5058.705	-7.33	65.33	58.00	74.00	-16.00	Peak
2	5150.000	-7.46	63.47	56.01	74.00	-17.99	Peak

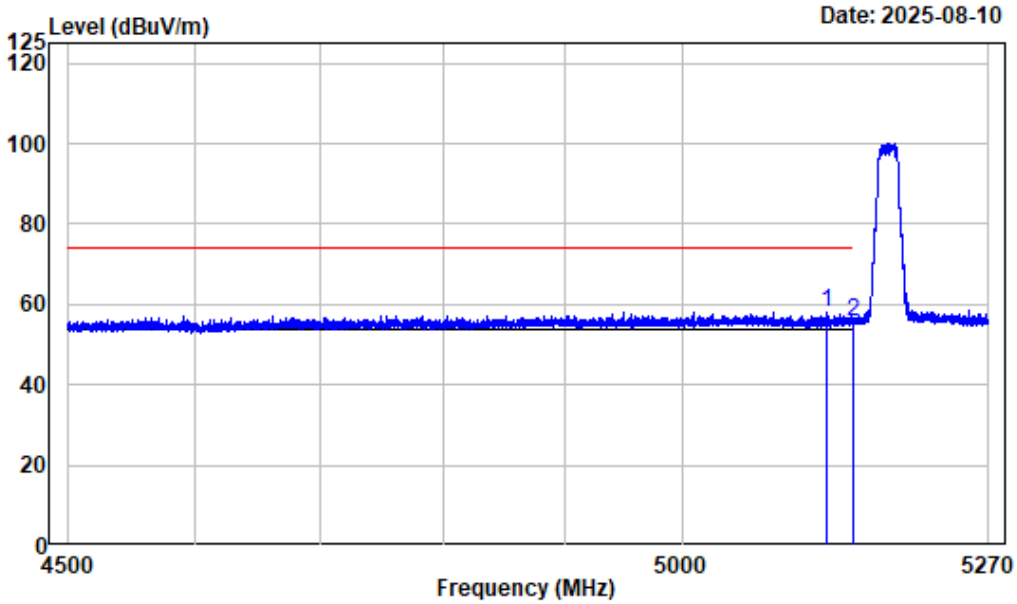
Left Band edge_Horizontal_Average_802.11n20_5180MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5051.485	-7.32	51.90	44.58	54.00	-9.42	Average
2	5150.000	-7.46	51.62	44.16	54.00	-9.84	Average

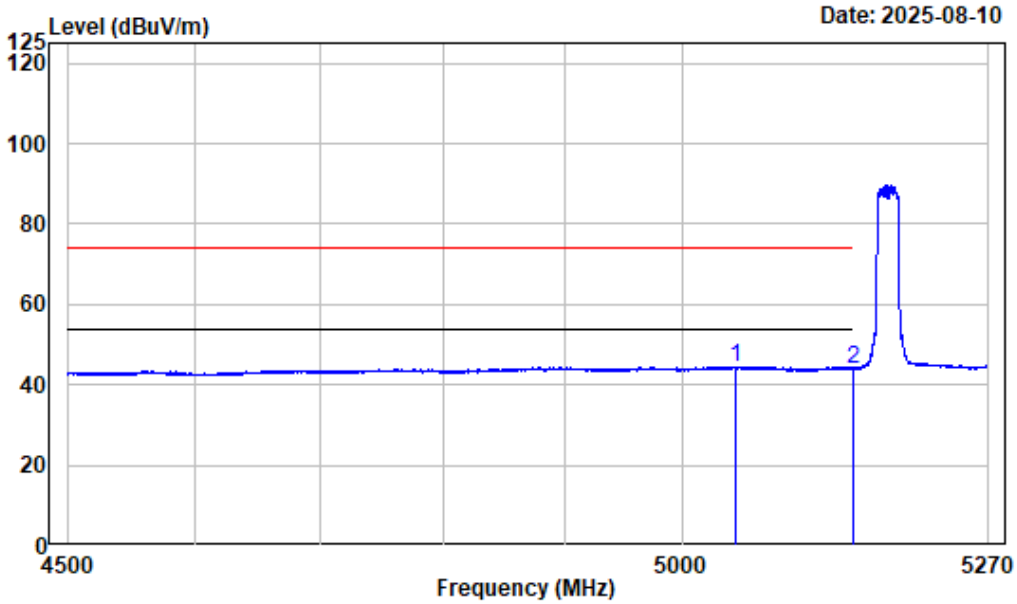
Left Band edge_Vertical_Peak_802.11n20_5180MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5125.318	-7.47	65.32	57.85	74.00	-16.15	Peak
2	5150.000	-7.46	63.16	55.70	74.00	-18.30	Peak

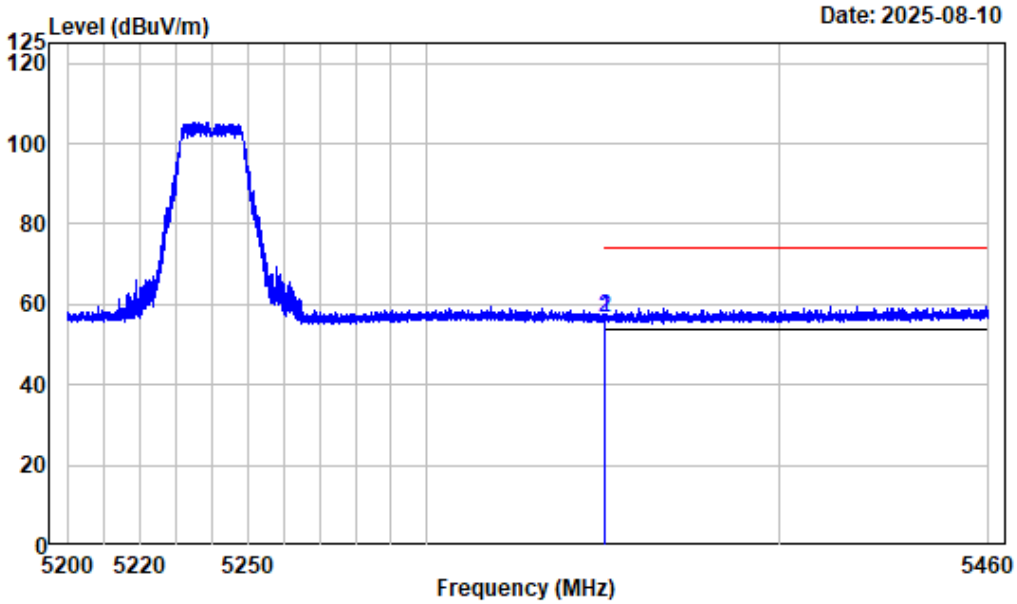
Left Band edge_Vertical_Average_802.11n20_5180MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5046.383	-7.31	51.78	44.47	54.00	-9.53	Average
2	5150.000	-7.46	51.54	44.08	54.00	-9.92	Average

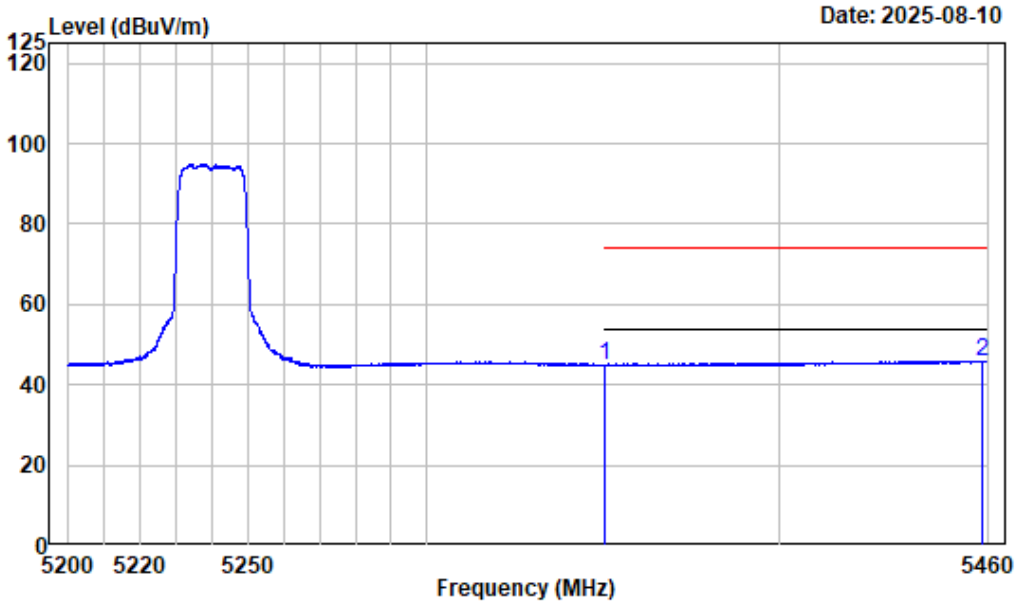
Right Band edge_Horizontal_Peak_802.11n20_5240MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.36	56.62	74.00	-17.38	Peak
2	5350.000	-6.74	63.36	56.62	74.00	-17.38	Peak

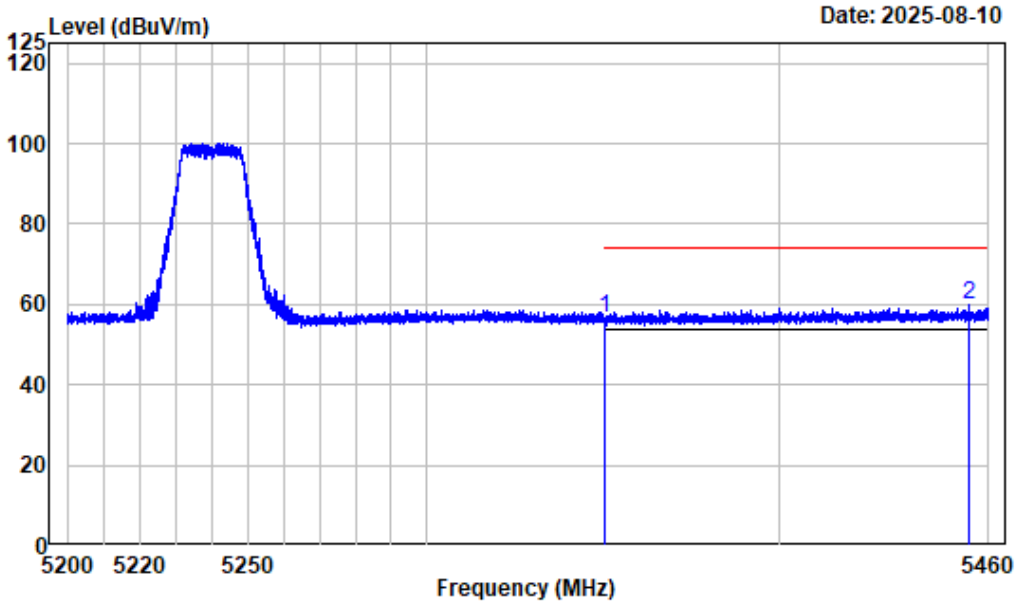
Right Band edge_Horizontal_Average_802.11n20_5240MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.52	44.78	54.00	-9.22	Average
2	5458.200	-6.29	52.25	45.96	54.00	-8.04	Average

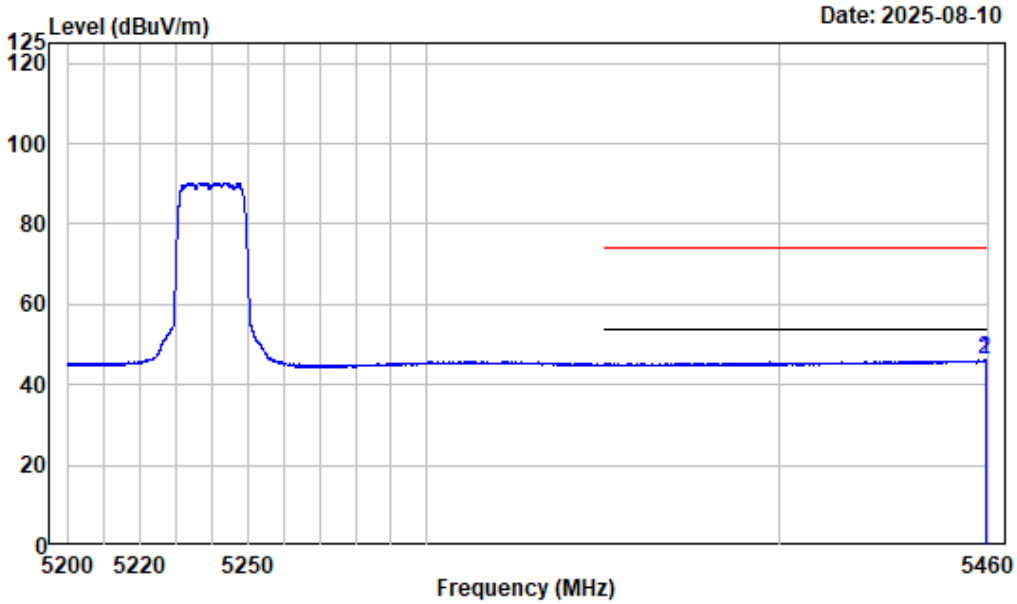
Right Band edge_Vertical_Peak_802.11n20_5240MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.15	56.41	74.00	-17.59	Peak
2	5454.562	-6.31	66.15	59.84	74.00	-14.16	Peak

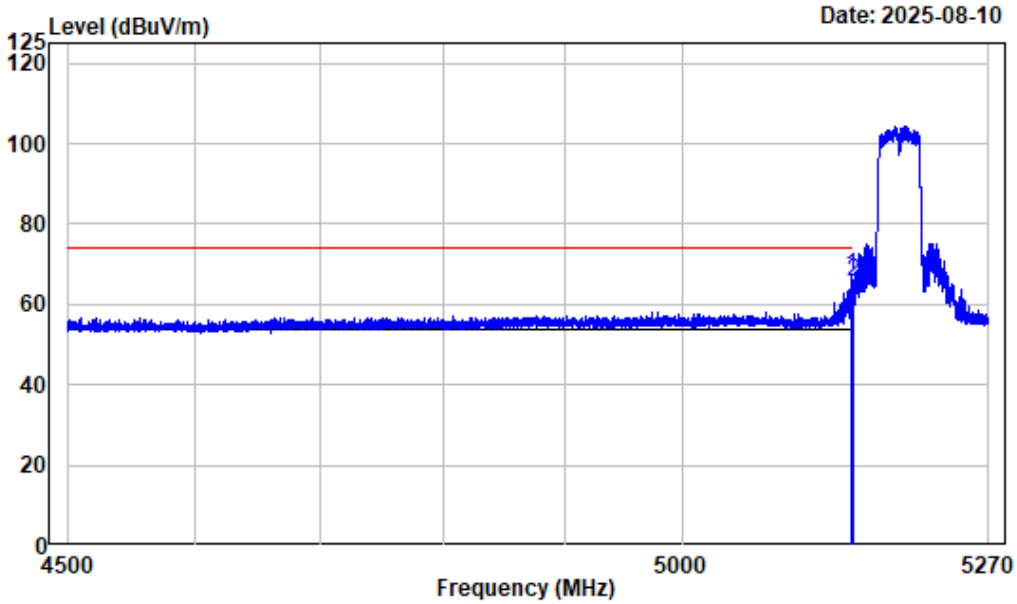
Right Band edge_Vertical_Average_802.11n20_5240MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5459.025	-6.29	52.34	46.05	54.00	-7.95	Average
2	5459.025	-6.29	52.34	46.05	54.00	-7.95	Average

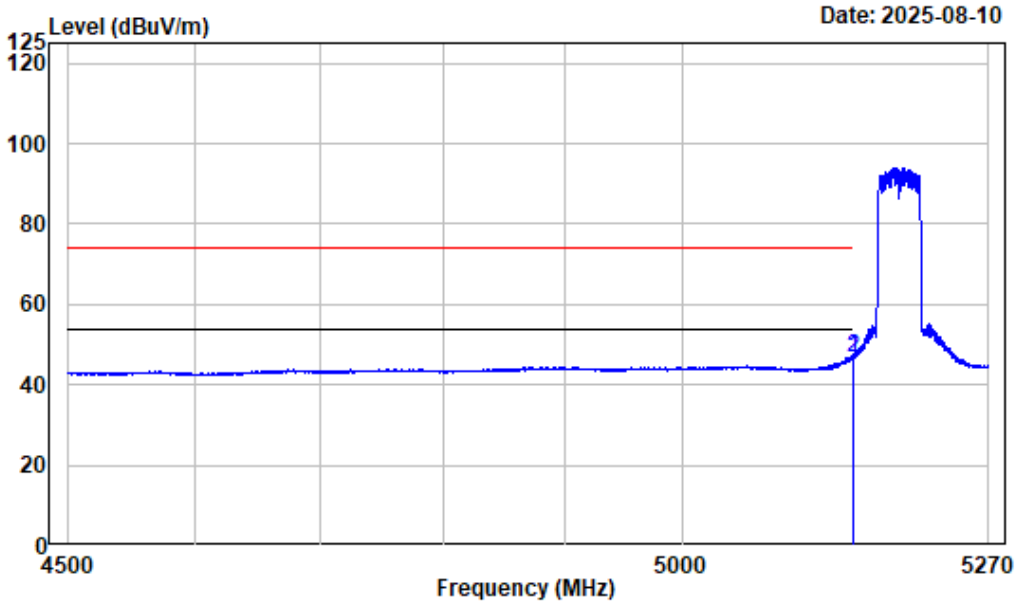
Left Band edge_Horizontal_Peak_802.11n40_5190MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5147.266	-7.46	74.34	66.88	74.00	-7.12	Peak
2	5150.000	-7.46	73.00	65.54	74.00	-8.46	Peak

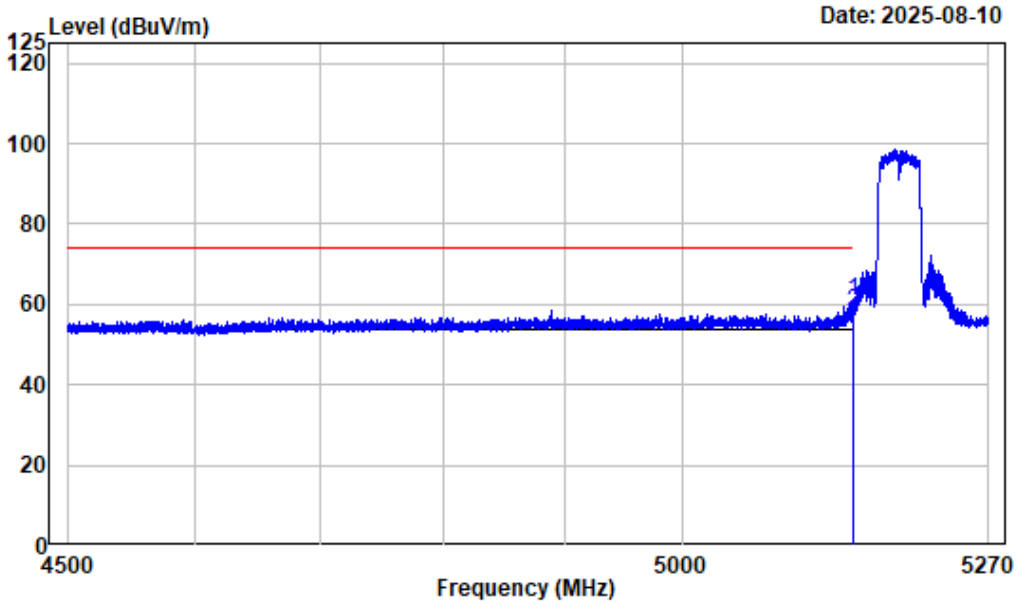
Left Band edge_Horizontal_Average_802.11n40_5190MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.984	-7.46	54.35	46.89	54.00	-7.11	Average
2	5150.000	-7.46	54.19	46.73	54.00	-7.27	Average

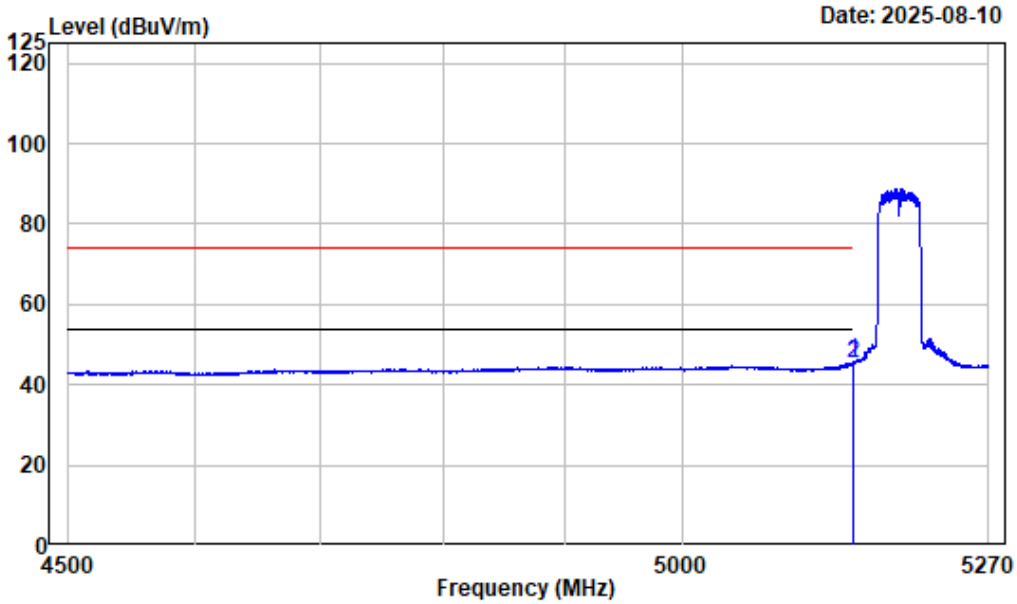
Left Band edge_Vertical_Peak_802.11n40_5190MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.902	-7.46	68.29	60.83	74.00	-13.17	Peak
2	5150.000	-7.46	65.48	58.02	74.00	-15.98	Peak

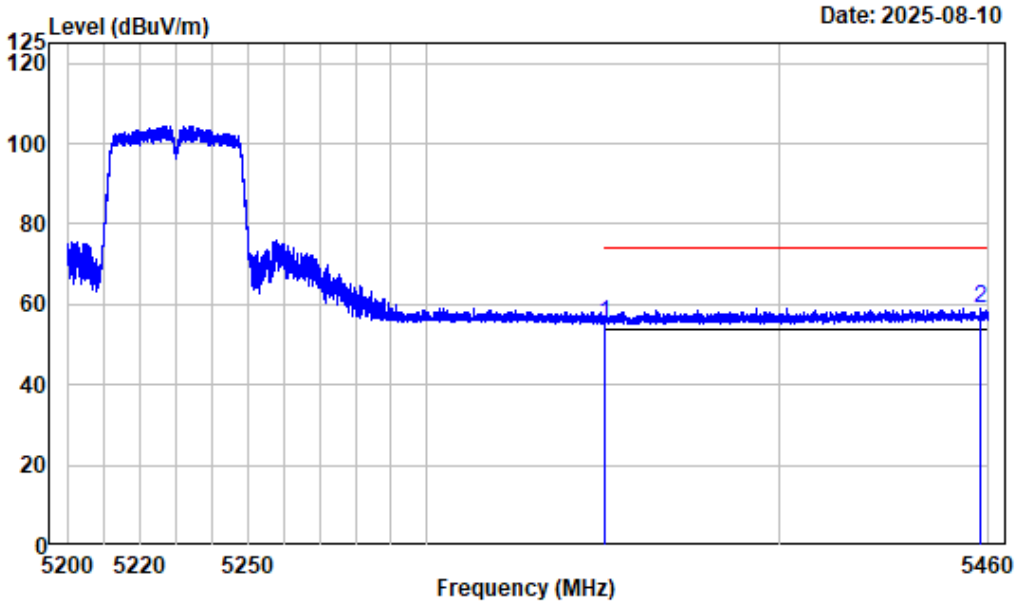
Left Band edge_Vertical_Average_802.11n40_5190MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.095	-7.46	53.11	45.65	54.00	-8.35	Average
2	5150.000	-7.46	52.91	45.45	54.00	-8.55	Average

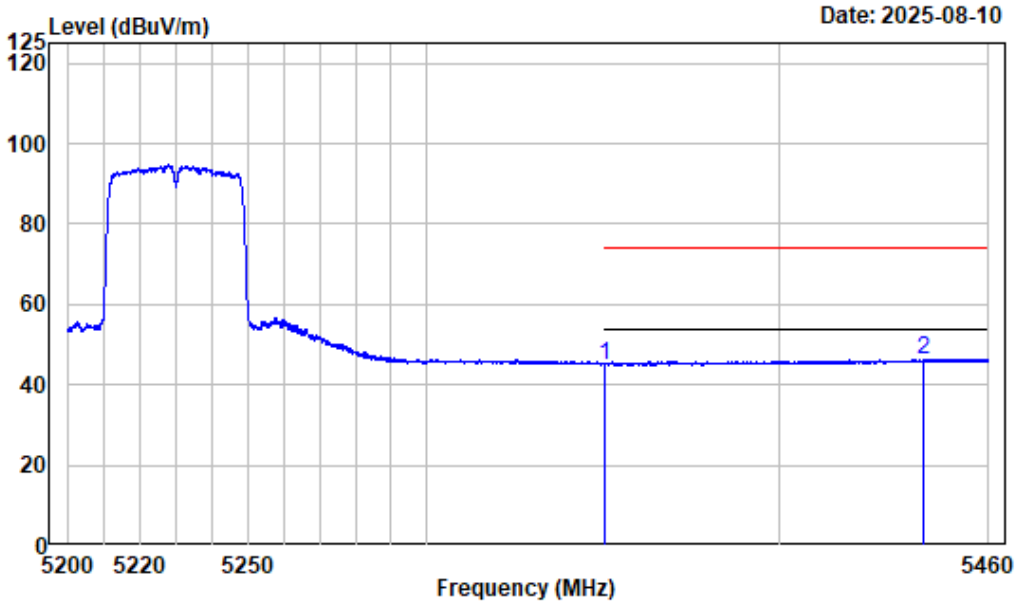
Right Band edge_Horizontal_Peak_802.11n40_5230MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	61.99	55.25	74.00	-18.75	Peak
2	5457.825	-6.29	65.39	59.10	74.00	-14.90	Peak

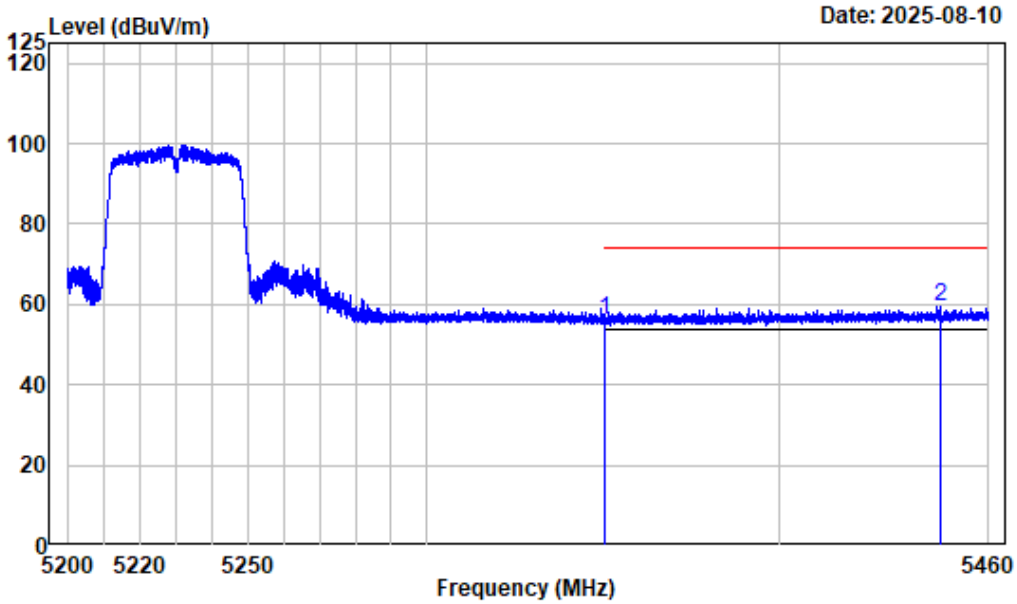
Right Band edge_Horizontal_Average_802.11n40_5230MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.75	45.01	54.00	-8.99	Average
2	5441.473	-6.38	52.78	46.40	54.00	-7.60	Average

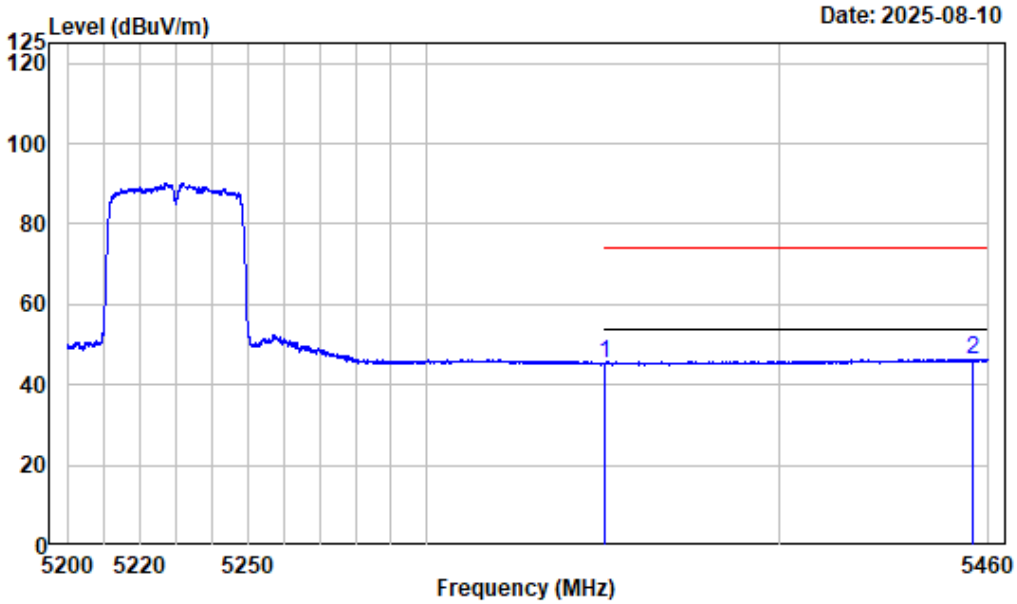
Right Band edge_Vertical_Peak_802.11n40_5230MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	62.77	56.03	74.00	-17.97	Peak
2	5446.086	-6.35	65.89	59.54	74.00	-14.46	Peak

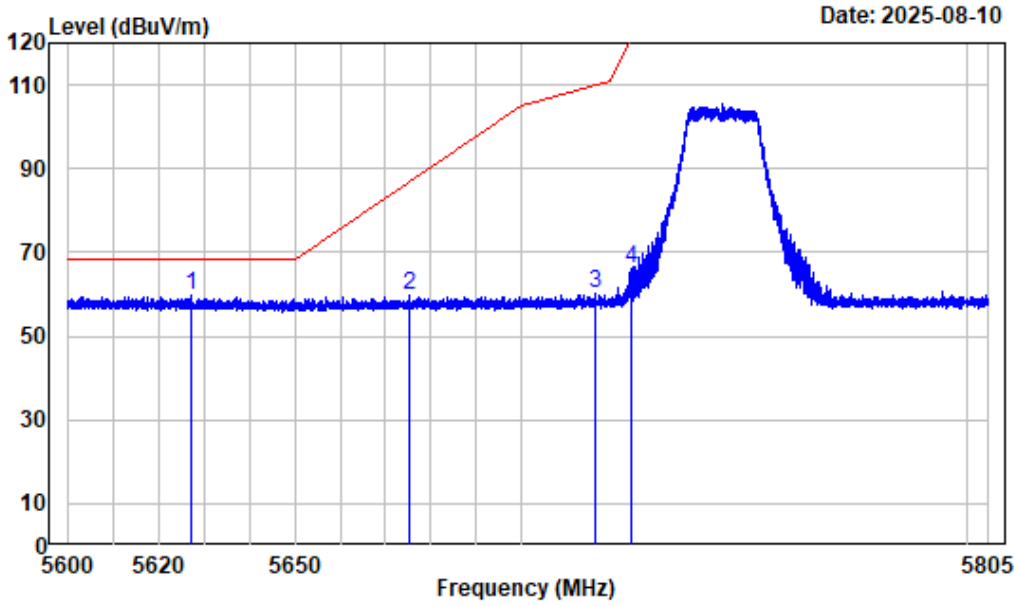
Right Band edge_Vertical_Average_802.11n40_5230MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.89	45.15	54.00	-8.85	Average
2	5455.312	-6.31	52.76	46.45	54.00	-7.55	Average

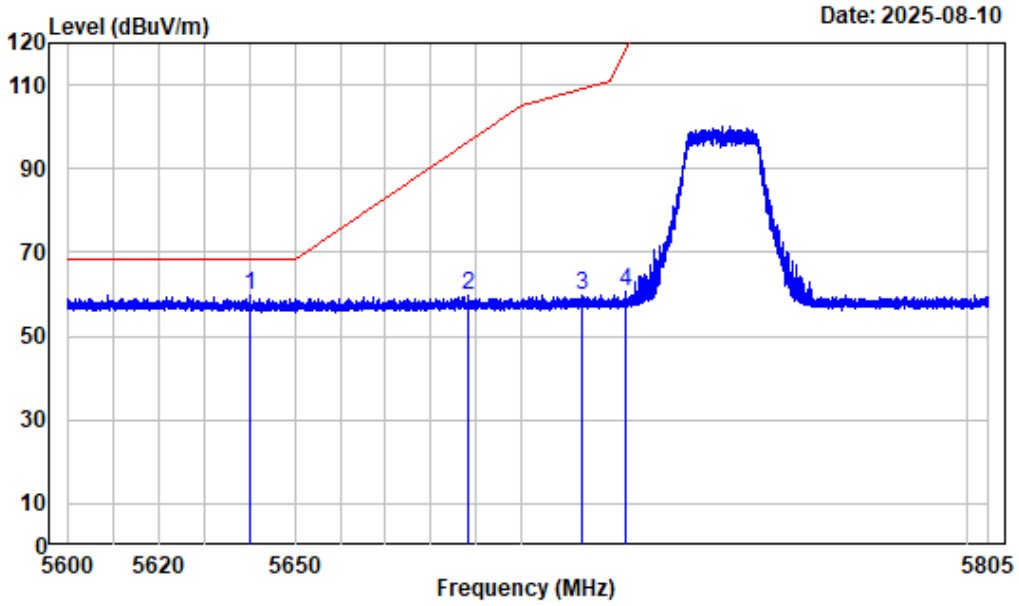
Left Band edge_Horizontal_802.11a_5745MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5627.140	-6.02	65.92	59.90	68.20	-8.30	Peak
2	5675.193	-5.79	65.46	59.67	86.88	-27.21	Peak
3	5716.711	-5.56	65.58	60.02	109.88	-49.86	Peak
4	5724.630	-5.49	71.78	66.29	121.36	-55.07	Peak

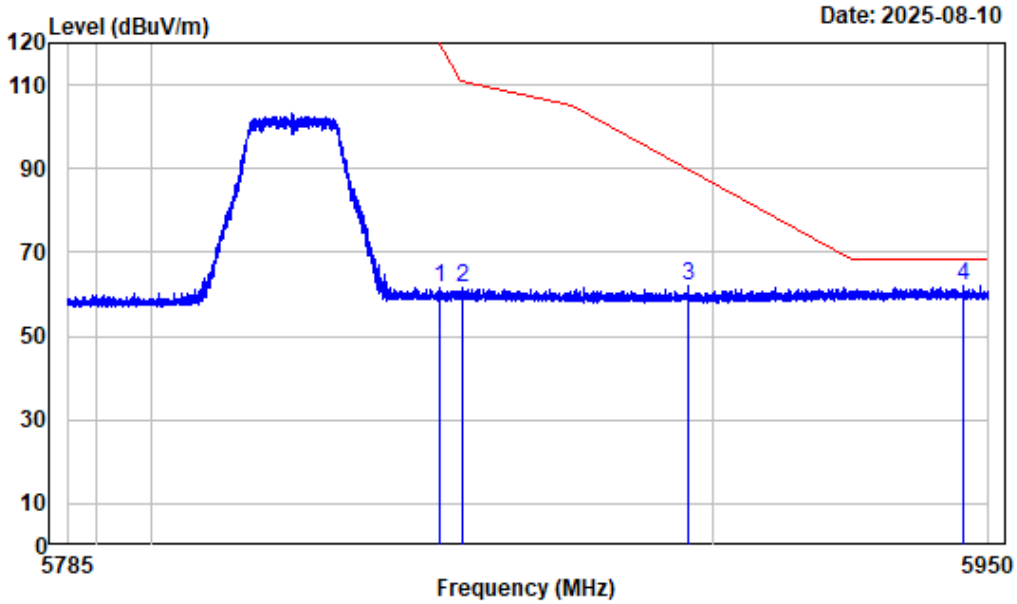
Left Band edge_Vertical_802.11a_5745MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5640.108	-5.94	65.67	59.73	68.20	-8.47	Peak
2	5688.494	-5.75	65.45	59.70	96.71	-37.01	Peak
3	5713.661	-5.59	65.49	59.90	109.03	-49.13	Peak
4	5723.502	-5.49	66.01	60.52	118.79	-58.27	Peak

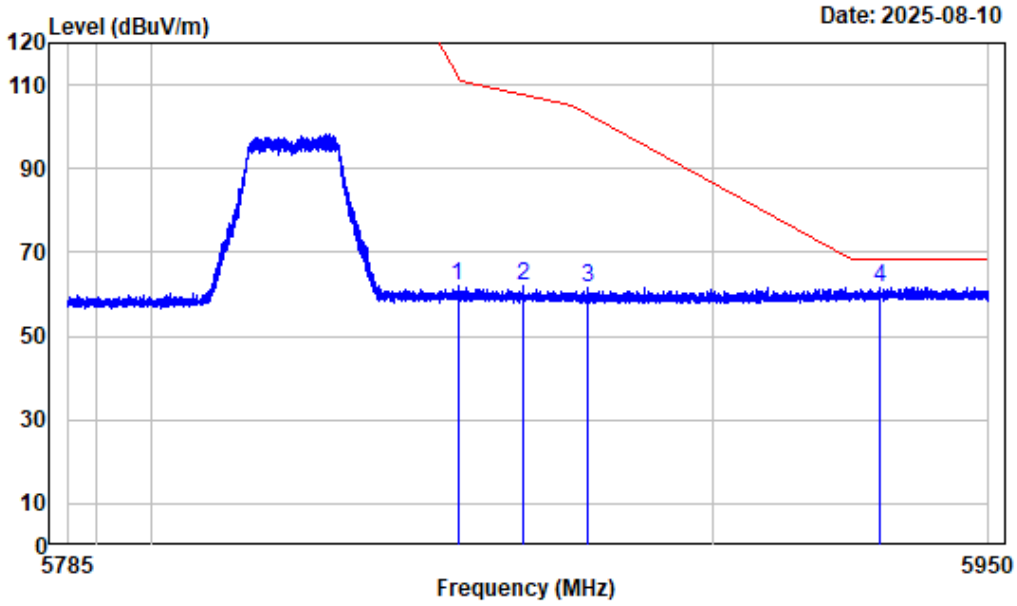
Right Band edge_Horizontal_802.11a_5825MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5851.276	-4.67	66.13	61.46	119.29	-57.83	Peak
2	5855.299	-4.66	66.16	61.50	110.72	-49.22	Peak
3	5895.729	-4.48	66.37	61.89	89.82	-27.93	Peak
4	5945.524	-4.45	66.64	62.19	68.20	-6.01	Peak

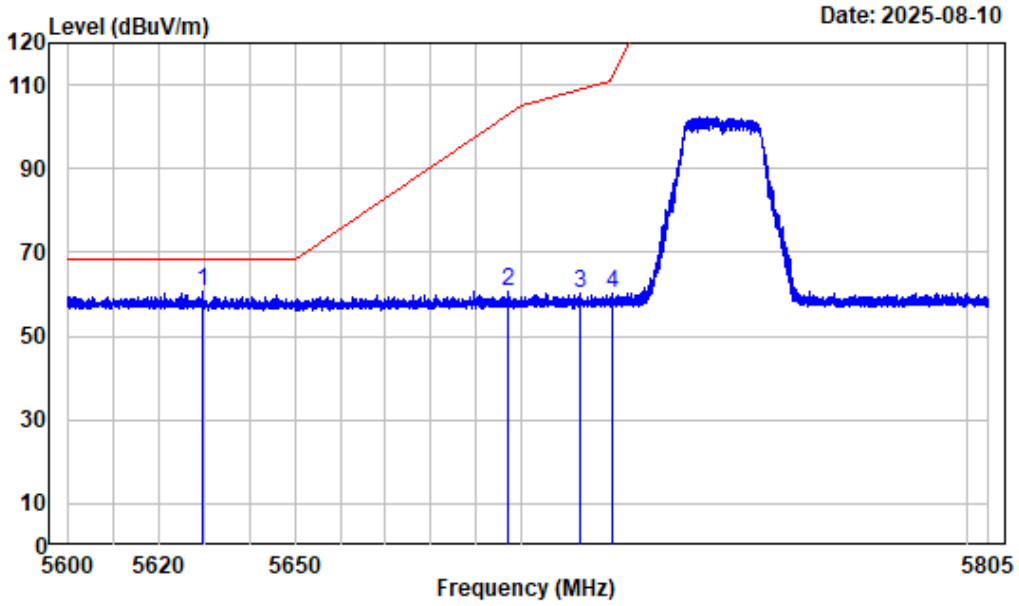
Right Band edge_Vertical_802.11a_5825MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5854.371	-4.65	66.68	62.03	112.23	-50.20	Peak
2	5866.128	-4.61	66.55	61.94	107.68	-45.74	Peak
3	5877.577	-4.56	66.18	61.62	103.29	-41.67	Peak
4	5930.198	-4.45	66.09	61.64	68.20	-6.56	Peak

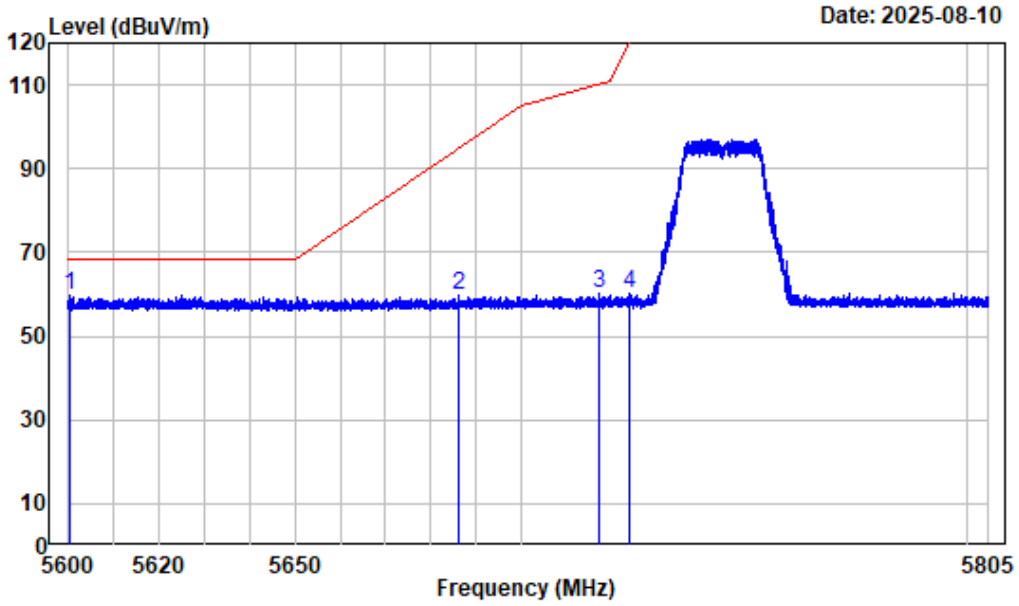
Left Band edge_Horizontal_802.11n20_5745MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5629.652	-6.00	66.57	60.57	68.20	-7.63	Peak
2	5697.233	-5.72	66.56	60.84	103.16	-42.32	Peak
3	5713.046	-5.59	65.85	60.26	108.86	-48.60	Peak
4	5720.606	-5.53	65.89	60.36	112.18	-51.82	Peak

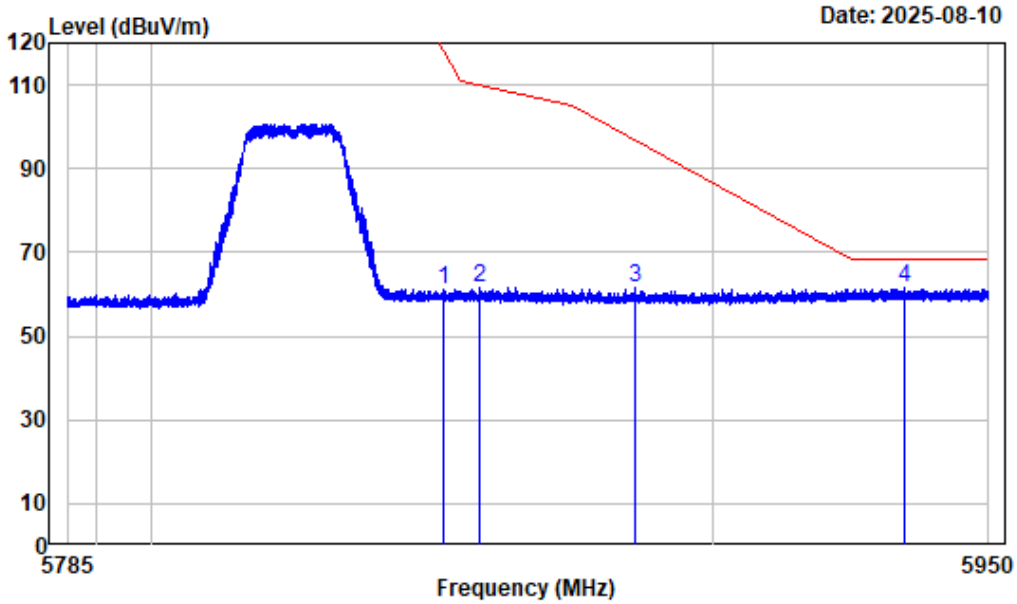
Left Band edge_Vertical_802.11n20_5745MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5600.692	-6.20	66.13	59.93	68.20	-8.27	Peak
2	5686.265	-5.75	65.62	59.87	95.07	-35.20	Peak
3	5717.403	-5.56	65.75	60.19	110.07	-49.88	Peak
4	5724.117	-5.49	65.71	60.22	120.19	-59.97	Peak

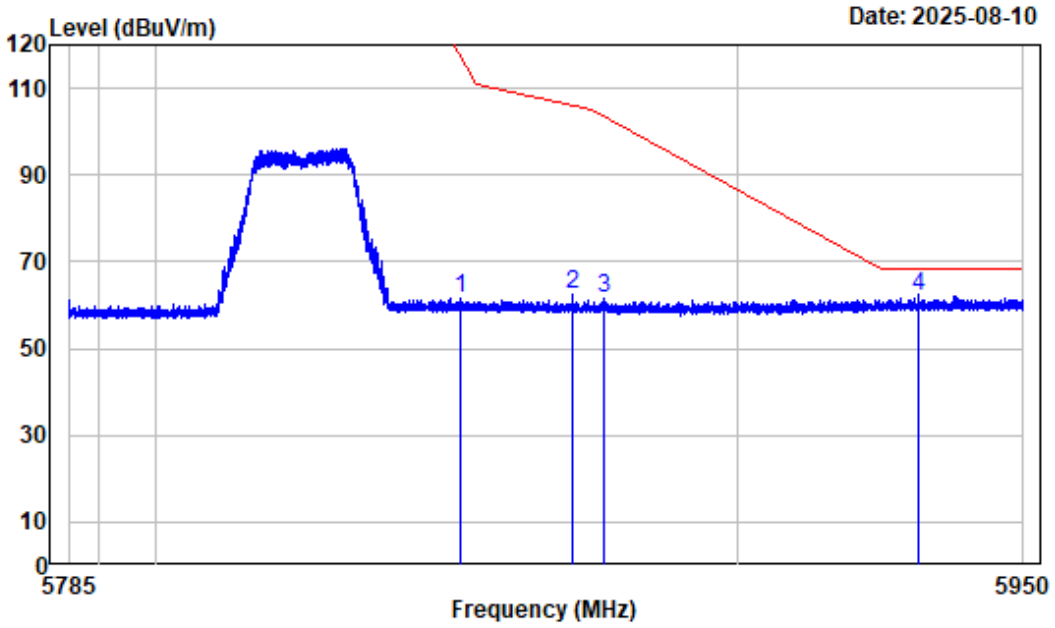
Right Band edge_Horizontal_802.11n20_5825MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5851.978	-4.66	65.96	61.30	117.69	-56.39	Peak
2	5858.290	-4.65	66.43	61.78	109.88	-48.10	Peak
3	5886.137	-4.53	65.99	61.46	96.93	-35.47	Peak
4	5934.632	-4.45	66.00	61.55	68.20	-6.65	Peak

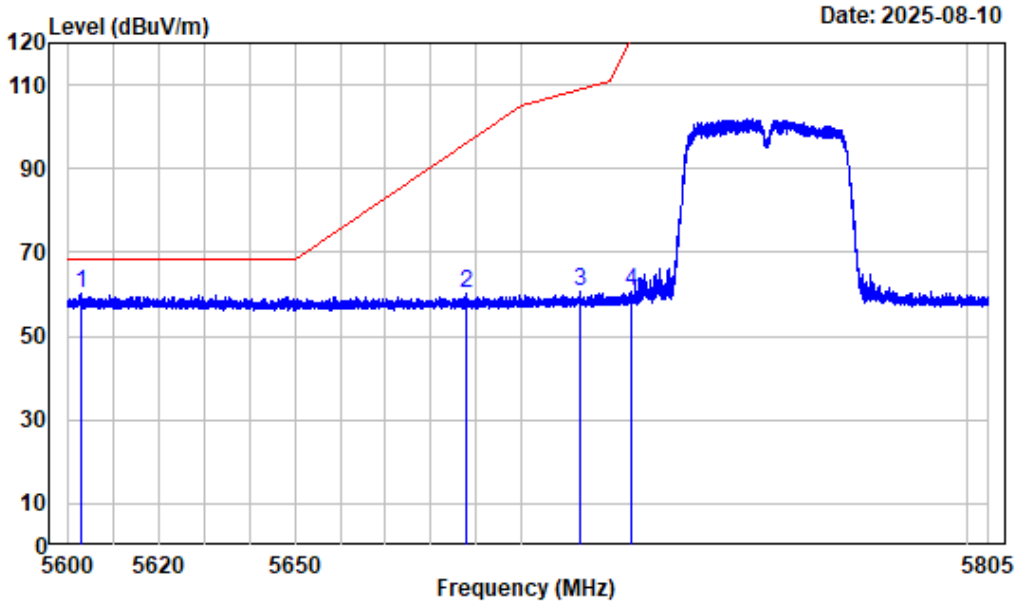
Right Band edge_Vertical_802.11n20_5825MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5852.225	-4.66	66.45	61.79	117.13	-55.34	Peak
2	5871.636	-4.58	67.05	62.47	106.14	-43.67	Peak
3	5877.082	-4.56	66.24	61.68	103.65	-41.97	Peak
4	5931.827	-4.44	66.55	62.11	68.20	-6.09	Peak

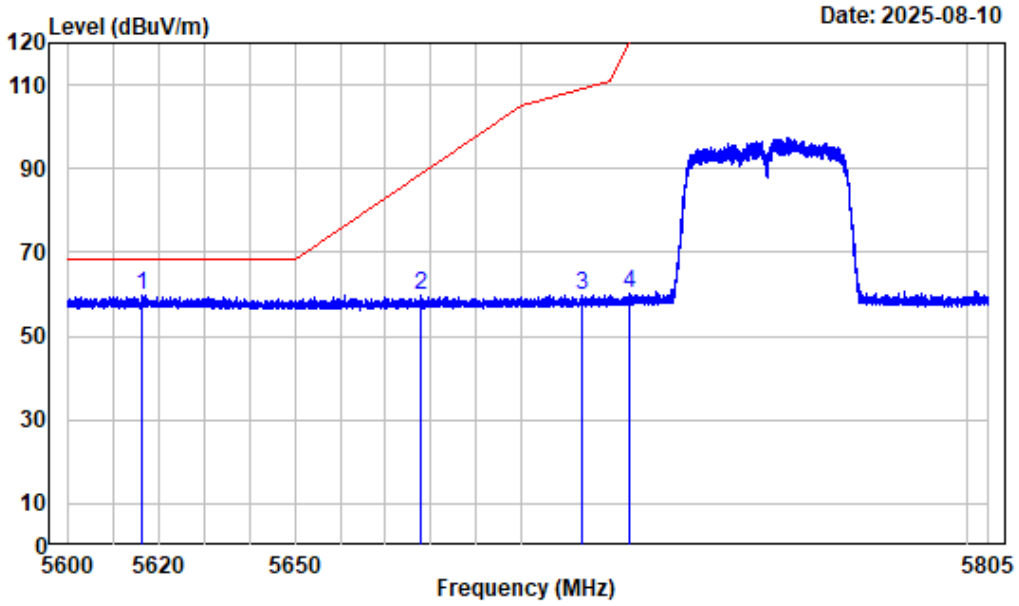
Left Band edge_Horizontal_802.11n40_5755MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5603.204	-6.19	66.28	60.09	68.20	-8.11	Peak
2	5688.033	-5.75	65.90	60.15	96.37	-36.22	Peak
3	5713.328	-5.59	66.40	60.81	108.93	-48.12	Peak
4	5724.784	-5.49	66.23	60.74	121.71	-60.97	Peak

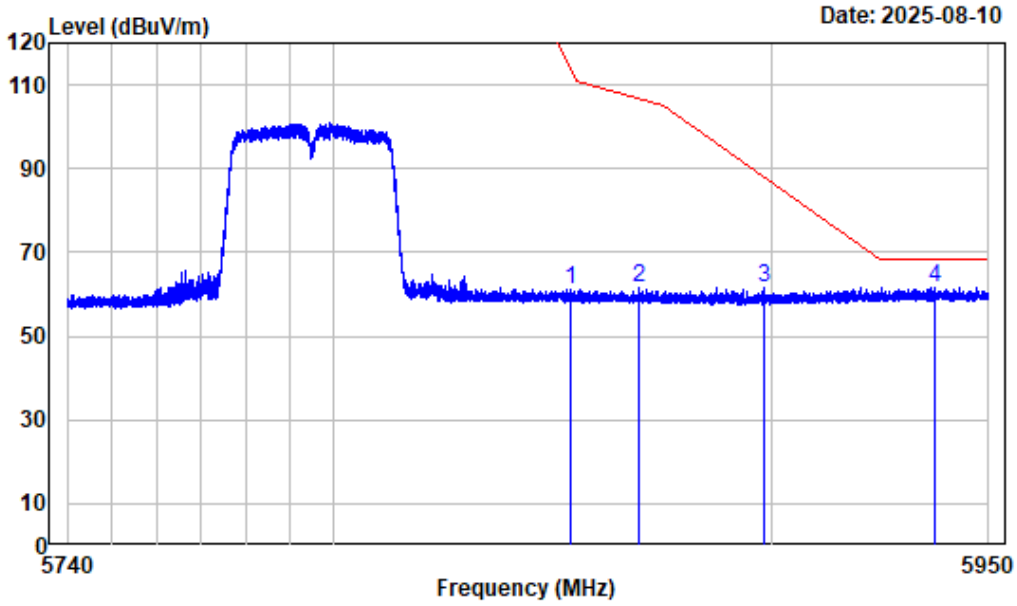
Left Band edge_Vertical_802.11n40_5755MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5616.325	-6.10	65.87	59.77	68.20	-8.43	Peak
2	5677.782	-5.78	65.39	59.61	88.80	-29.19	Peak
3	5713.431	-5.59	65.33	59.74	108.96	-49.22	Peak
4	5724.246	-5.49	65.79	60.30	120.48	-60.18	Peak

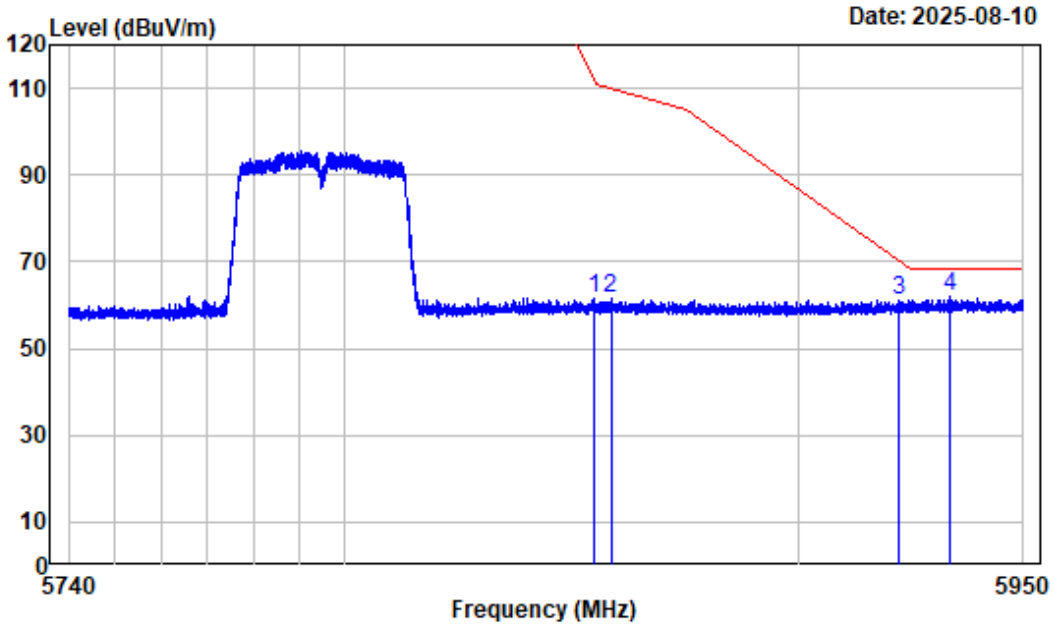
Right Band edge_Horizontal_802.11n40_5795MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5853.598	-4.66	66.01	61.35	114.00	-52.65	Peak
2	5869.350	-4.59	66.23	61.64	106.78	-45.14	Peak
3	5898.307	-4.47	66.16	61.69	87.91	-26.22	Peak
4	5937.556	-4.46	66.02	61.56	68.20	-6.64	Peak

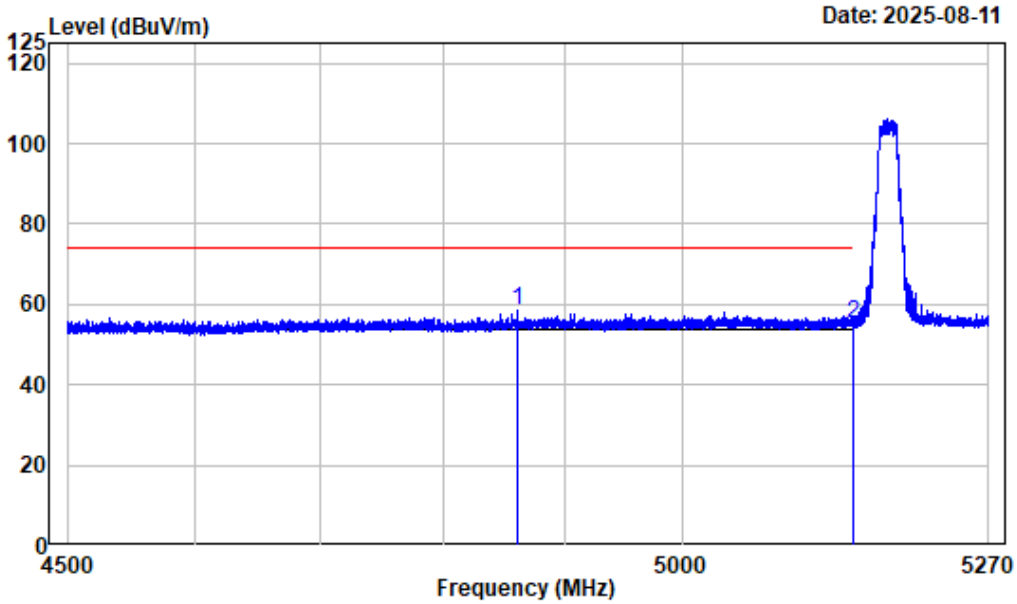
Right Band edge_Vertical_802.11n40_5795MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5854.674	-4.65	66.05	61.40	111.54	-50.14	Peak
2	5858.350	-4.65	66.01	61.36	109.86	-48.50	Peak
3	5922.224	-4.45	65.69	61.24	70.25	-9.01	Peak
4	5933.644	-4.45	66.58	62.13	68.20	-6.07	Peak

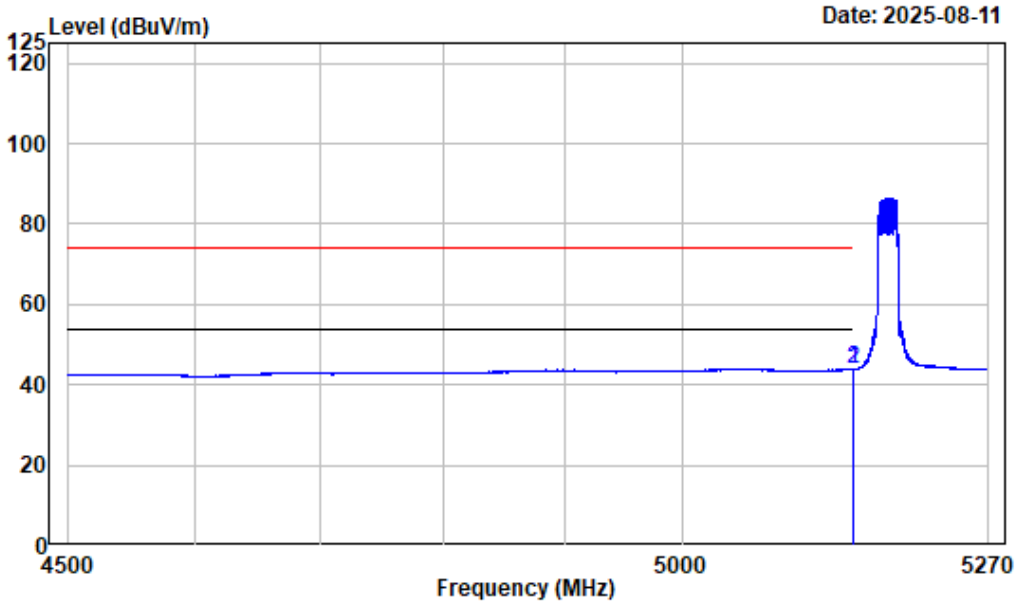
Left Band edge_Horizontal_Peak_802.11a_5180MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4861.079	-7.67	66.21	58.54	74.00	-15.46	Peak
2	5150.000	-7.46	62.59	55.13	74.00	-18.87	Peak

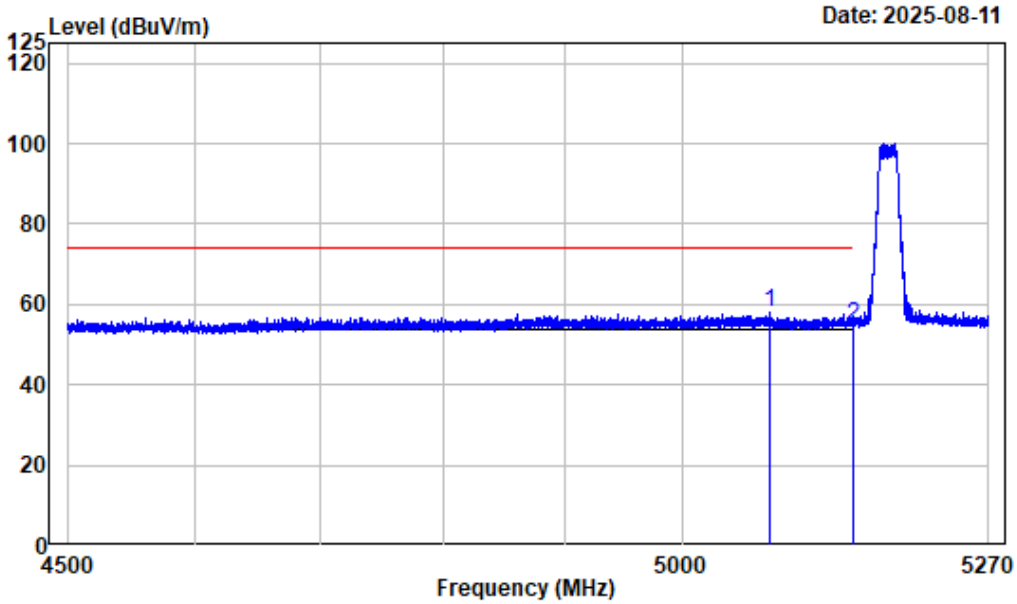
Left Band edge_Horizontal_Average_802.11a_5180MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.191	-7.46	51.43	43.97	54.00	-10.03	Average
2	5150.000	-7.46	51.34	43.88	54.00	-10.12	Average

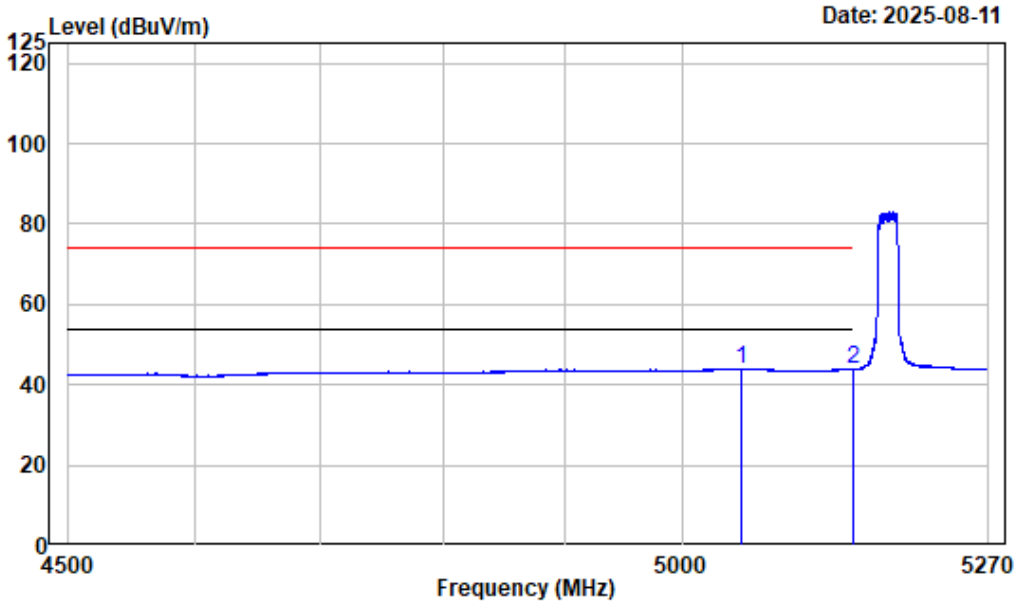
Left Band edge_Vertical_Peak_802.11a_5180MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5076.032	-7.39	65.20	57.81	74.00	-16.19	Peak
2	5150.000	-7.46	62.15	54.69	74.00	-19.31	Peak

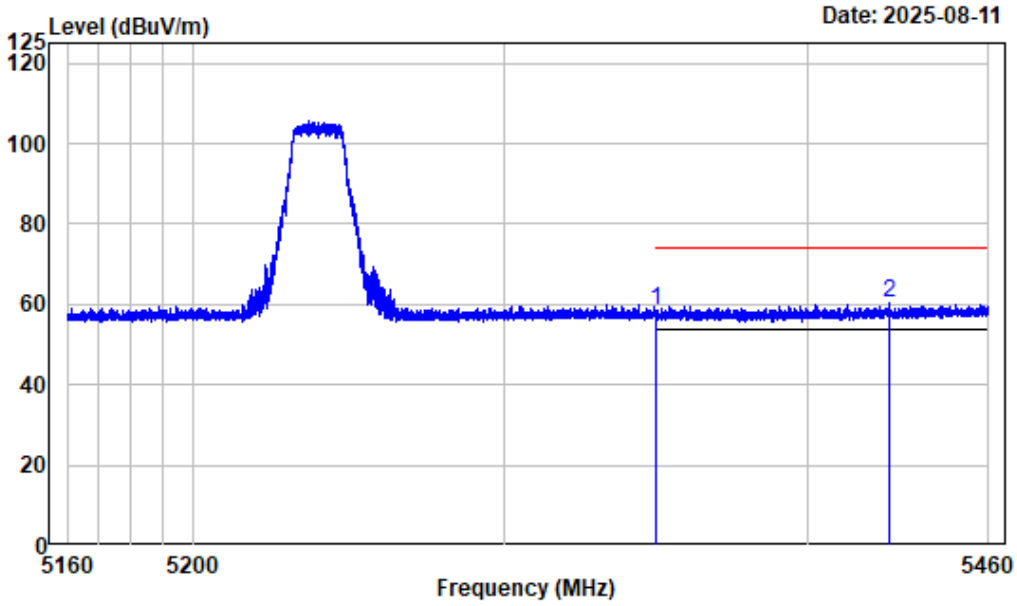
Left Band edge_Vertical_Average_802.11a_5180MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5051.389	-7.32	51.26	43.94	54.00	-10.06	Average
2	5150.000	-7.46	51.26	43.80	54.00	-10.20	Average

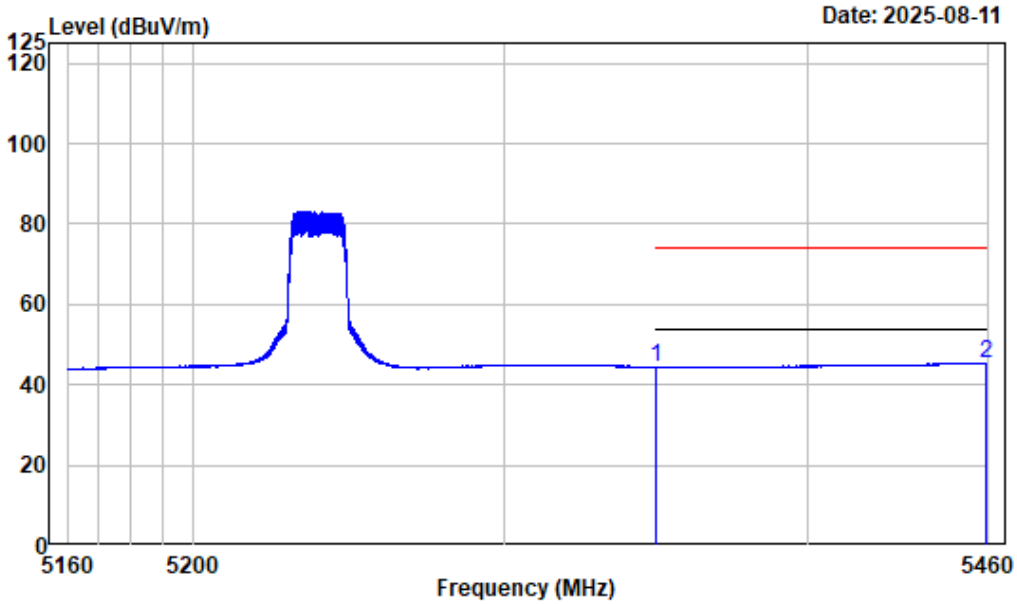
Right Band edge_Horizontal_Peak_802.11a_5240MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	65.27	58.53	74.00	-15.47	Peak
2	5426.809	-6.46	66.80	60.34	74.00	-13.66	Peak

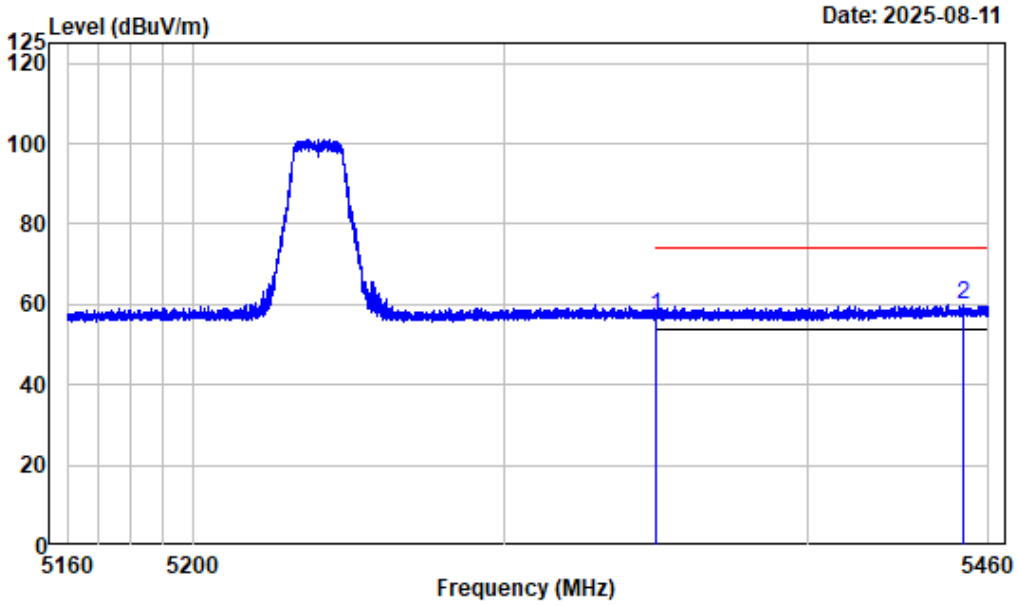
Right Band edge_Horizontal_Average_802.11a_5240MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.17	44.43	54.00	-9.57	Average
2	5459.438	-6.29	51.57	45.28	54.00	-8.72	Average

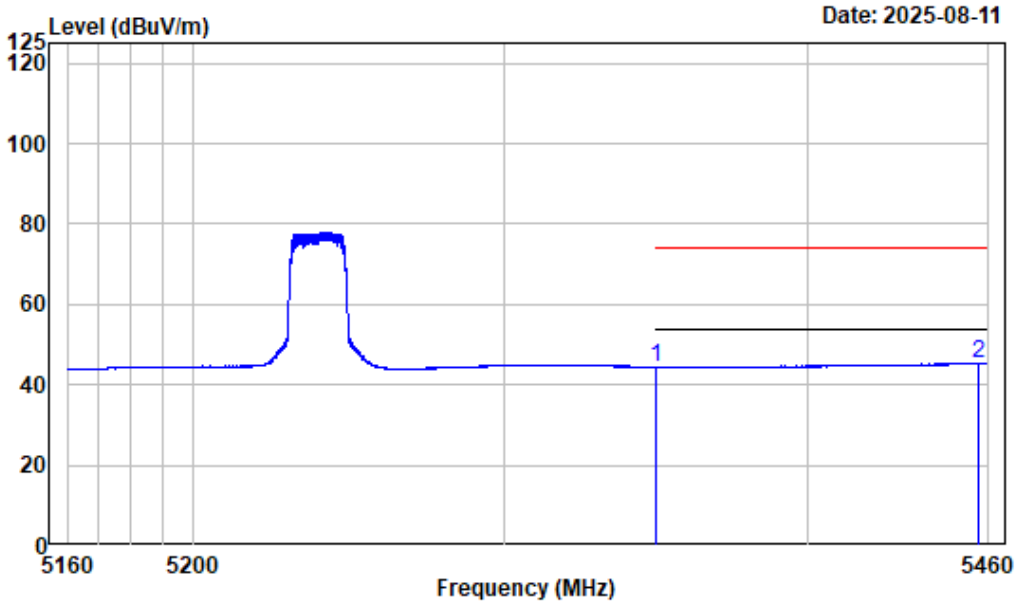
Right Band edge_Vertical_Peak_802.11a_5240MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.69	56.95	74.00	-17.05	Peak
2	5451.486	-6.32	66.24	59.92	74.00	-14.08	Peak

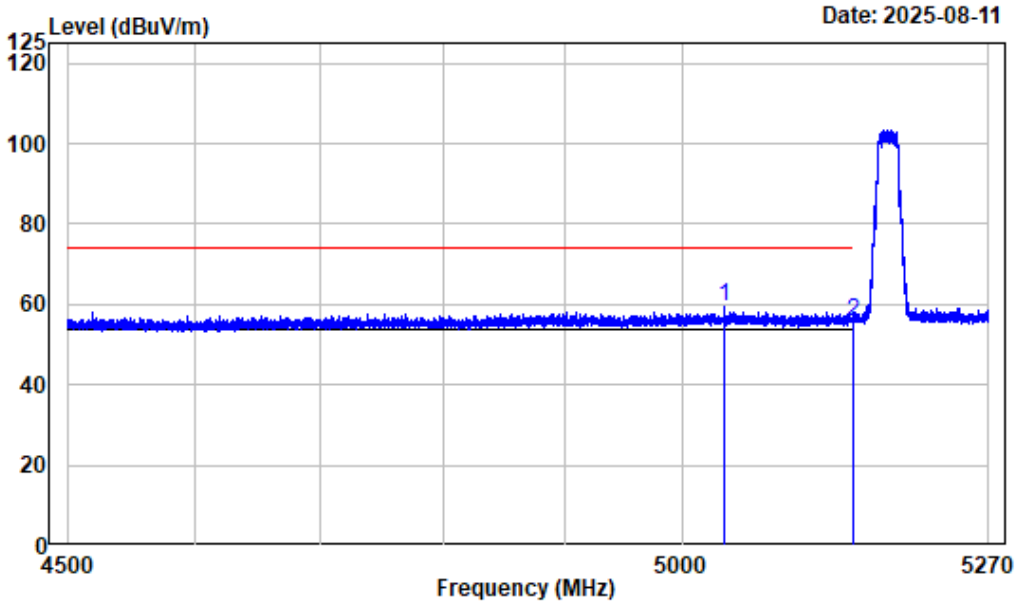
Right Band edge_Vertical_Average_802.11a_5240MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_A_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.14	44.40	54.00	-9.60	Average
2	5456.774	-6.31	51.58	45.27	54.00	-8.73	Average

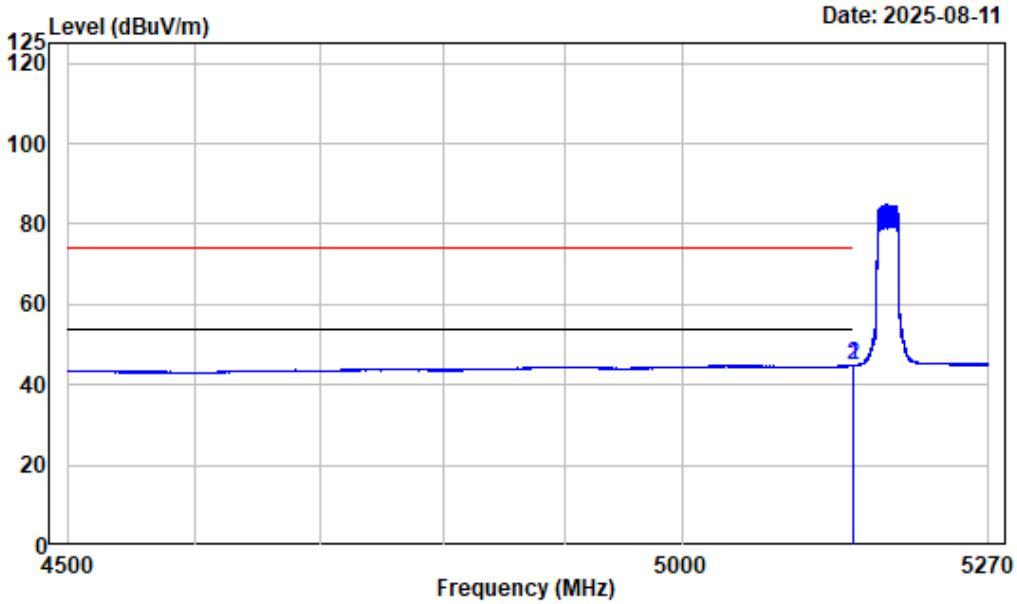
Left Band edge_Horizontal_Peak_802.11n20_5180MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5036.564	-7.32	66.58	59.26	74.00	-14.74	Peak
2	5150.000	-7.46	63.20	55.74	74.00	-18.26	Peak

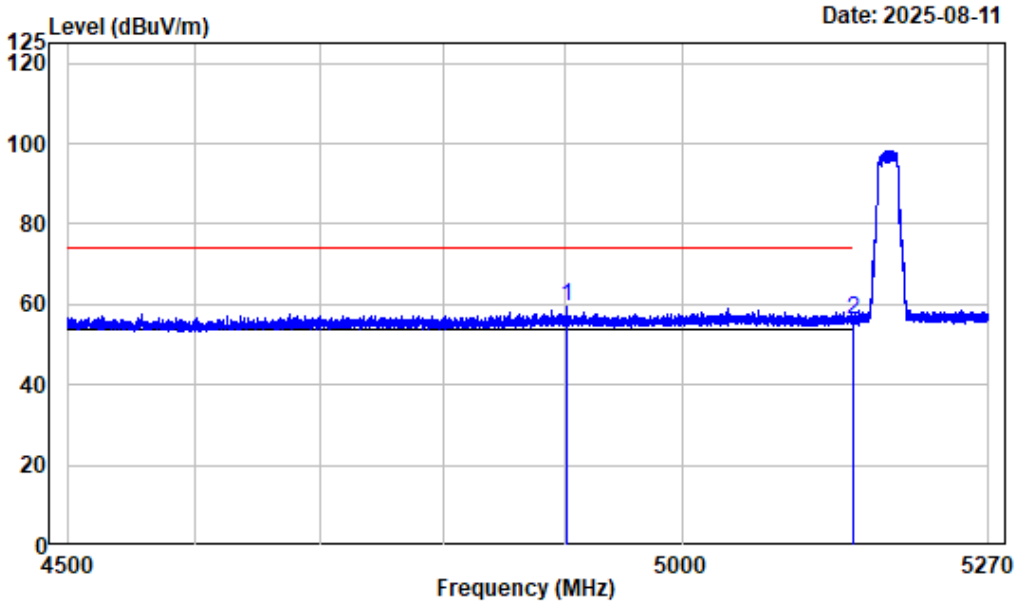
Left Band edge_Horizontal_Average_802.11n20_5180MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.576	-7.46	52.37	44.91	54.00	-9.09	Average
2	5150.000	-7.46	52.17	44.71	54.00	-9.29	Average

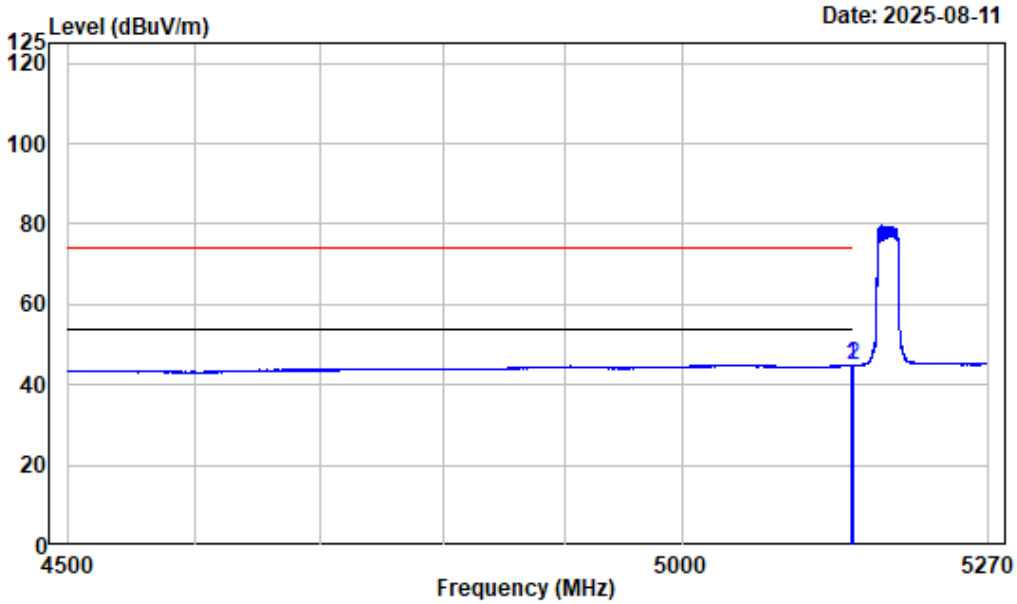
Left Band edge_Vertical_Peak_802.11n20_5180MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4902.375	-7.52	66.87	59.35	74.00	-14.65	Peak
2	5150.000	-7.46	63.62	56.16	74.00	-17.84	Peak

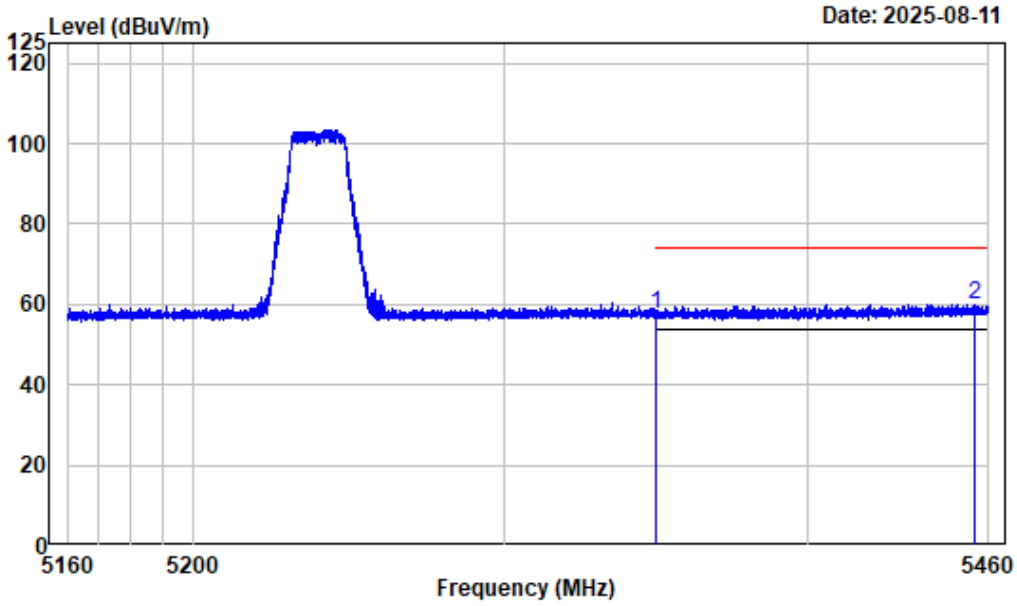
Left Band edge_Vertical_Average_802.11n20_5180MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5180

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5147.843	-7.46	52.37	44.91	54.00	-9.09	Average
2	5150.000	-7.46	52.18	44.72	54.00	-9.28	Average

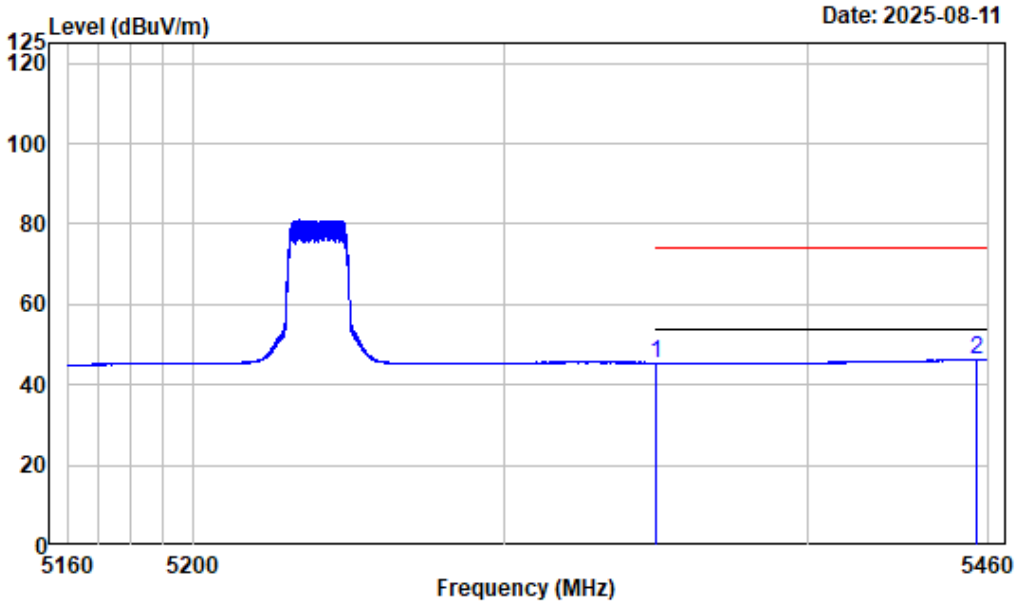
Right Band edge_Horizontal_Peak_802.11n20_5240MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	64.06	57.32	74.00	-16.68	Peak
2	5455.537	-6.31	66.44	60.13	74.00	-13.87	Peak

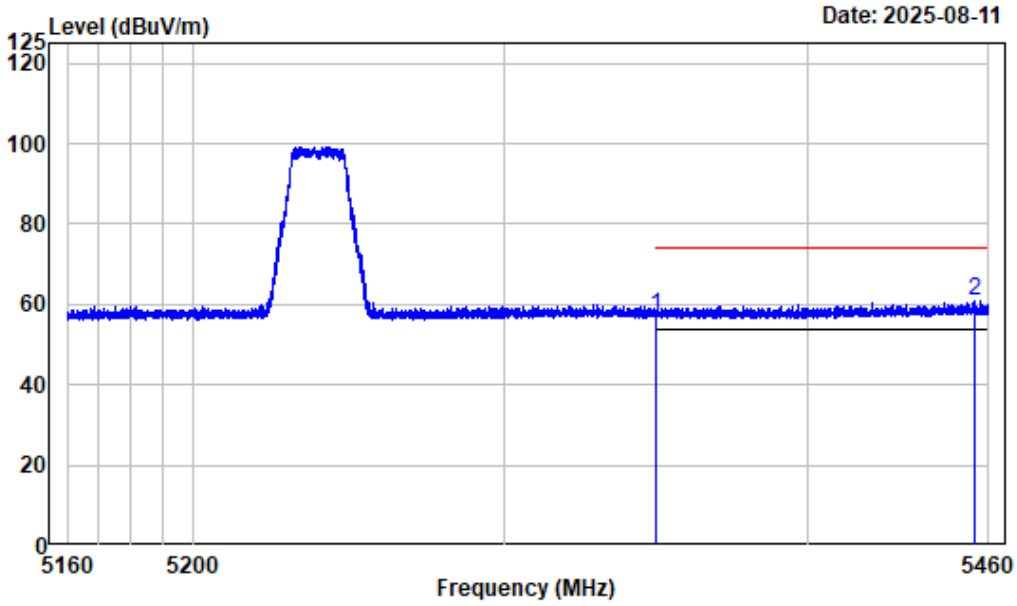
Right Band edge_Horizontal_Average_802.11n20_5240MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	52.15	45.41	54.00	-8.59	Average
2	5455.762	-6.31	52.59	46.28	54.00	-7.72	Average

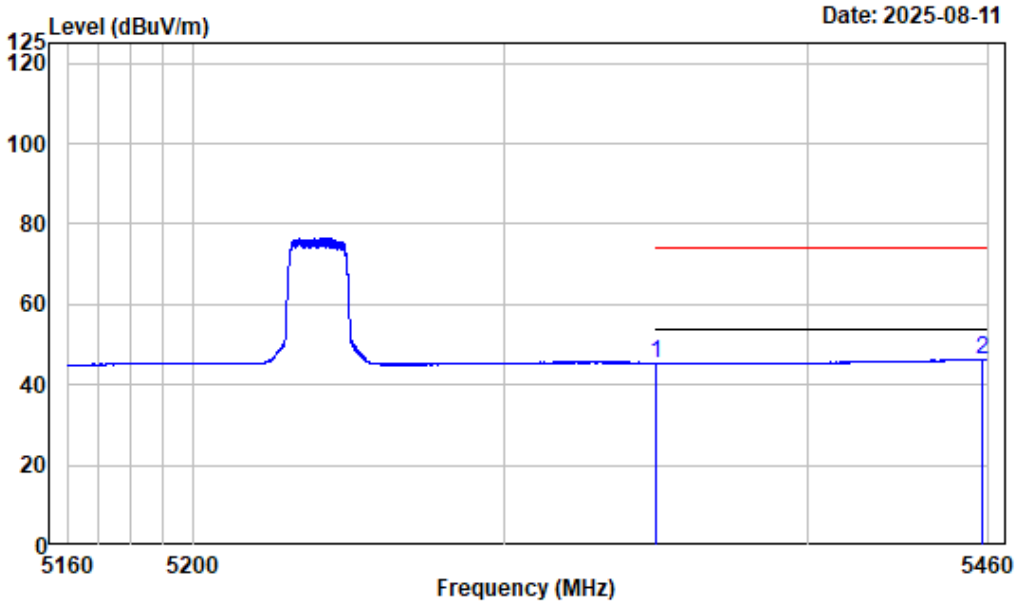
Right Band edge_Vertical_Peak_802.11n20_5240MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.83	57.09	74.00	-16.91	Peak
2	5455.537	-6.31	67.18	60.87	74.00	-13.13	Peak

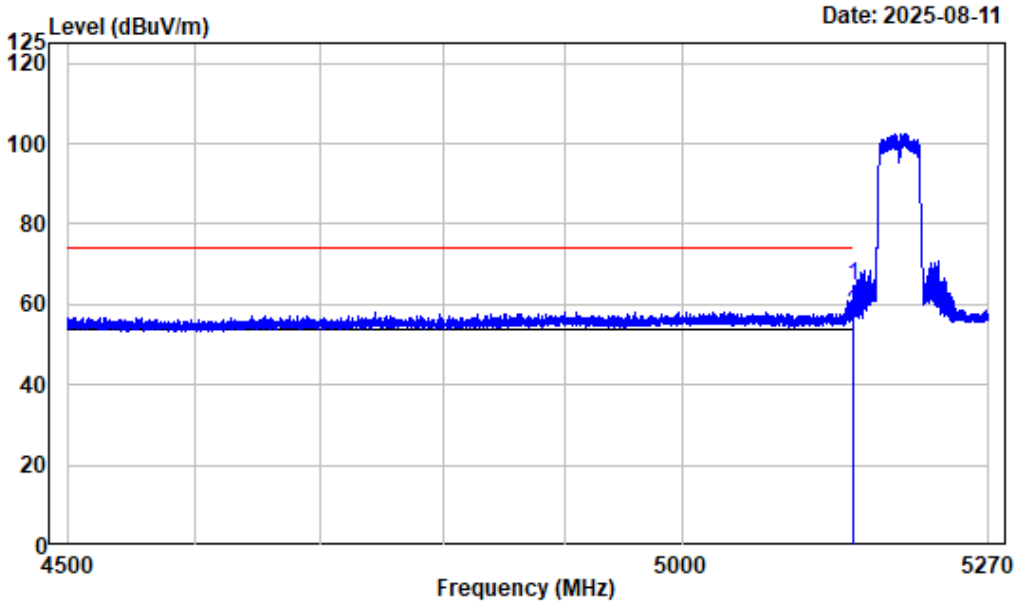
Right Band edge_Vertical_Average_802.11n20_5240MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N20_5240

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	52.15	45.41	54.00	-8.59	Average
2	5458.012	-6.29	52.56	46.27	54.00	-7.73	Average

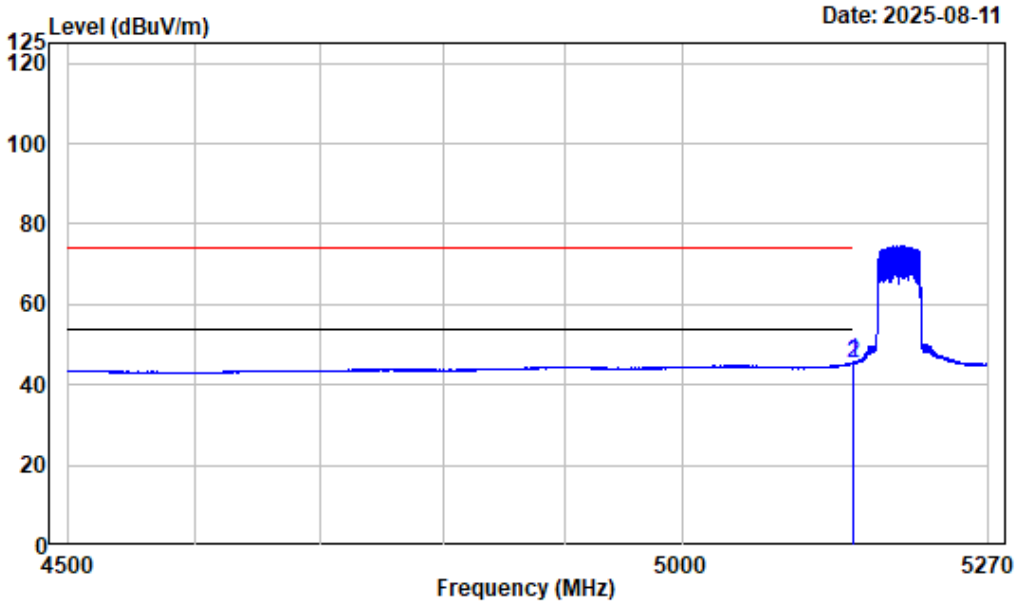
Left Band edge_Horizontal_Peak_802.11n40_5190MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.769	-7.46	71.95	64.49	74.00	-9.51	Peak
2	5150.000	-7.46	65.12	57.66	74.00	-16.34	Peak

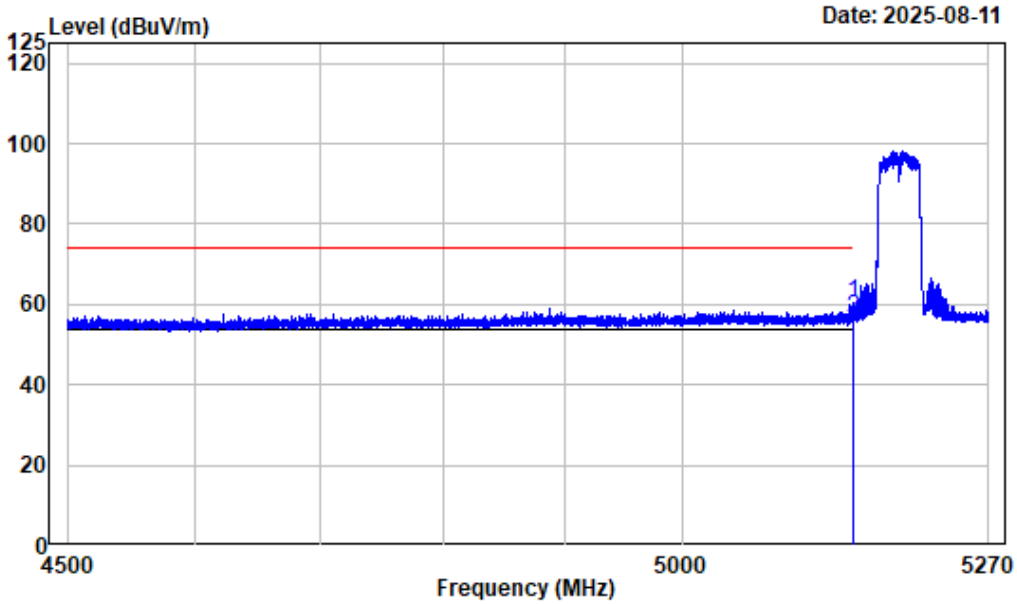
Left Band edge_Horizontal_Average_802.11n40_5190MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.672	-7.46	52.98	45.52	54.00	-8.48	Average
2	5150.000	-7.46	52.94	45.48	54.00	-8.52	Average

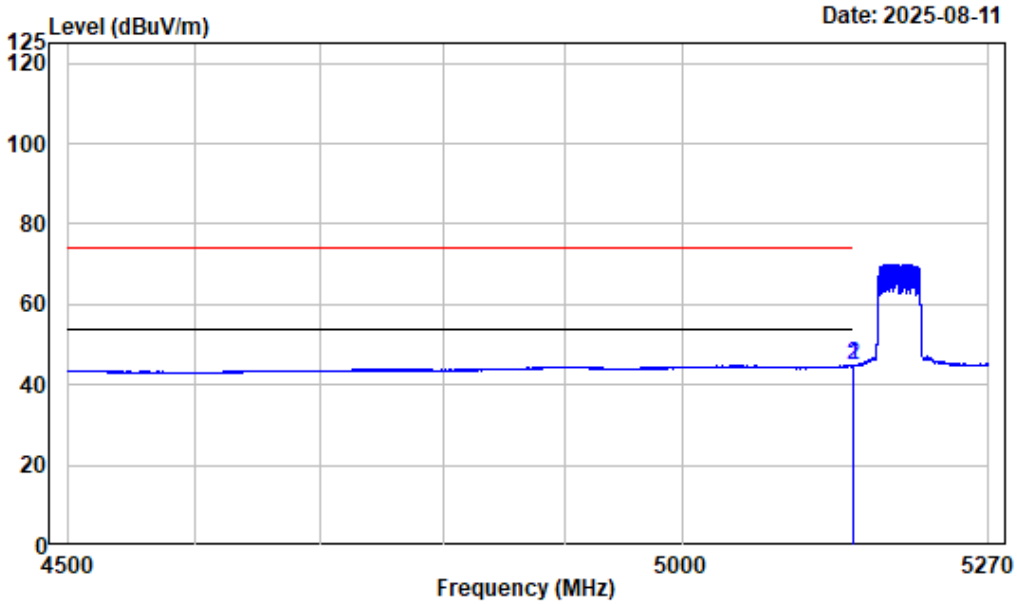
Left Band edge_Vertical_Peak_802.11n40_5190MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.288	-7.46	67.65	60.19	74.00	-13.81	Peak
2	5150.000	-7.46	63.90	56.44	74.00	-17.56	Peak

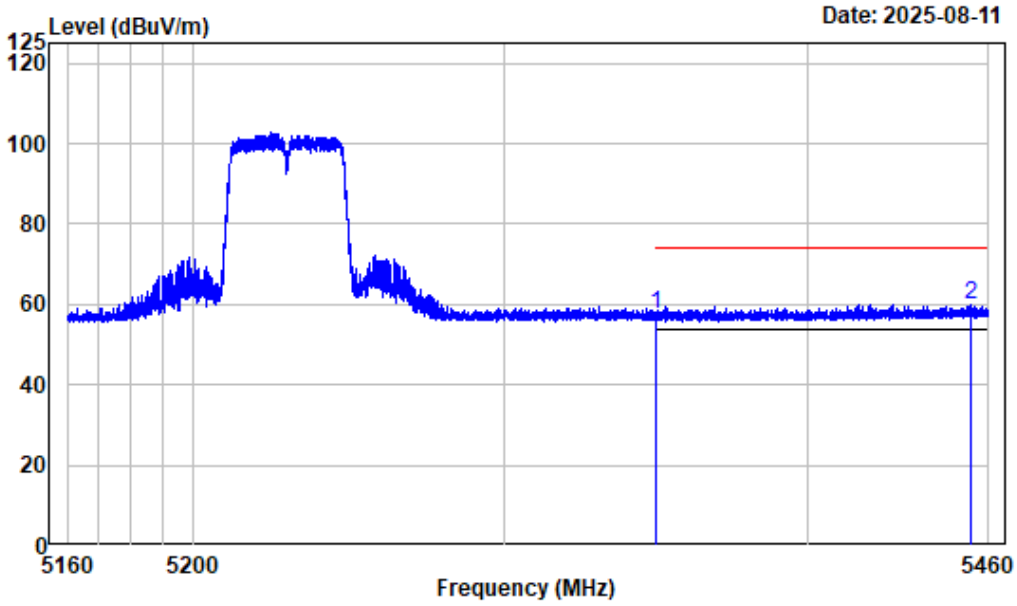
Left Band edge_Vertical_Average_802.11n40_5190MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5190

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5149.095	-7.46	52.44	44.98	54.00	-9.02	Average
2	5150.000	-7.46	52.20	44.74	54.00	-9.26	Average

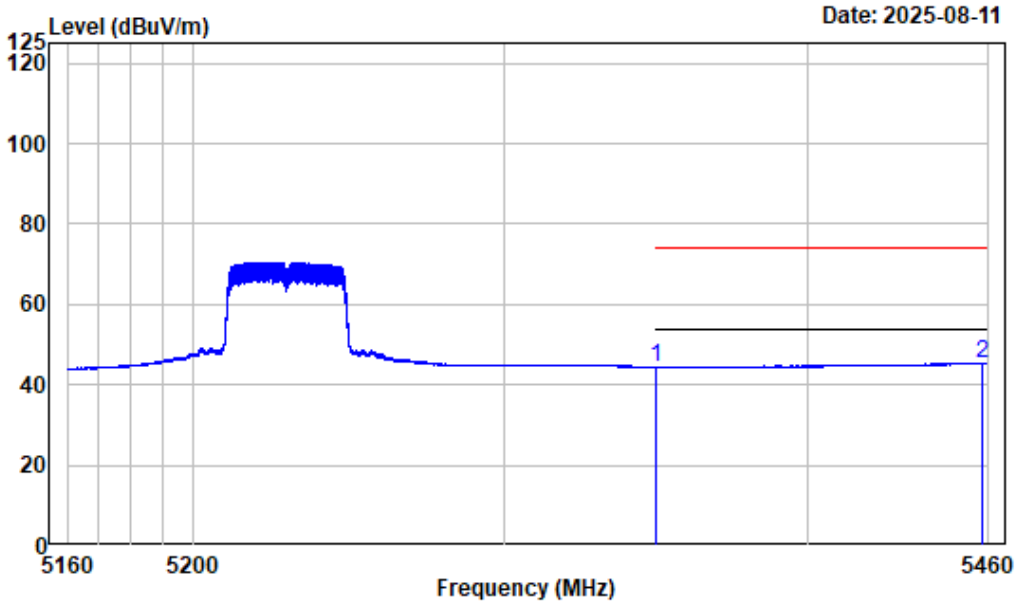
Right Band edge_Horizontal_Peak_802.11n40_5230MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	64.22	57.48	74.00	-16.52	Peak
2	5454.375	-6.31	66.30	59.99	74.00	-14.01	Peak

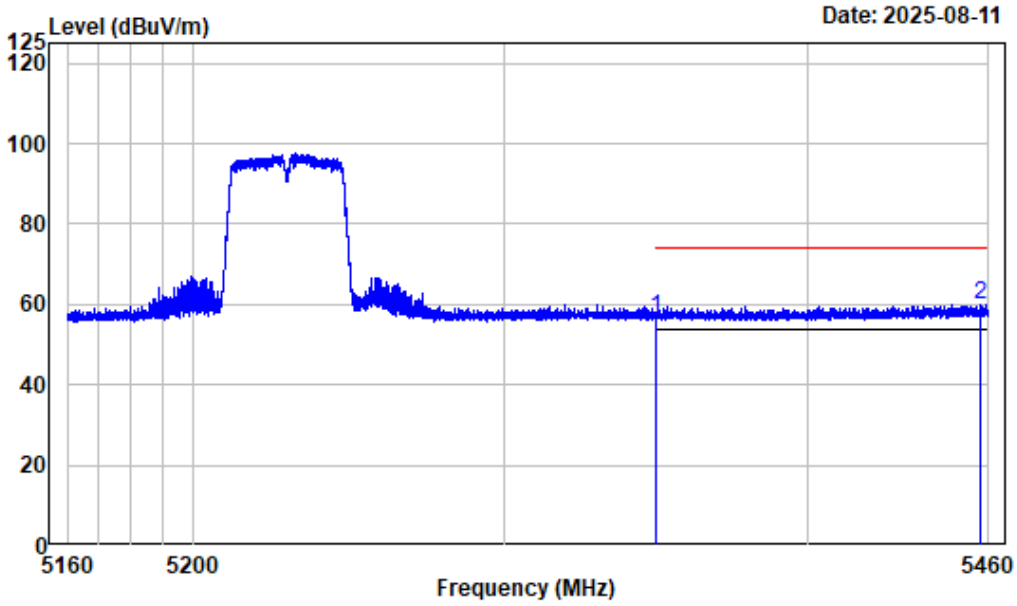
Right Band edge_Horizontal_Average_802.11n40_5230MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.14	44.40	54.00	-9.60	Average
2	5457.675	-6.30	51.57	45.27	54.00	-8.73	Average

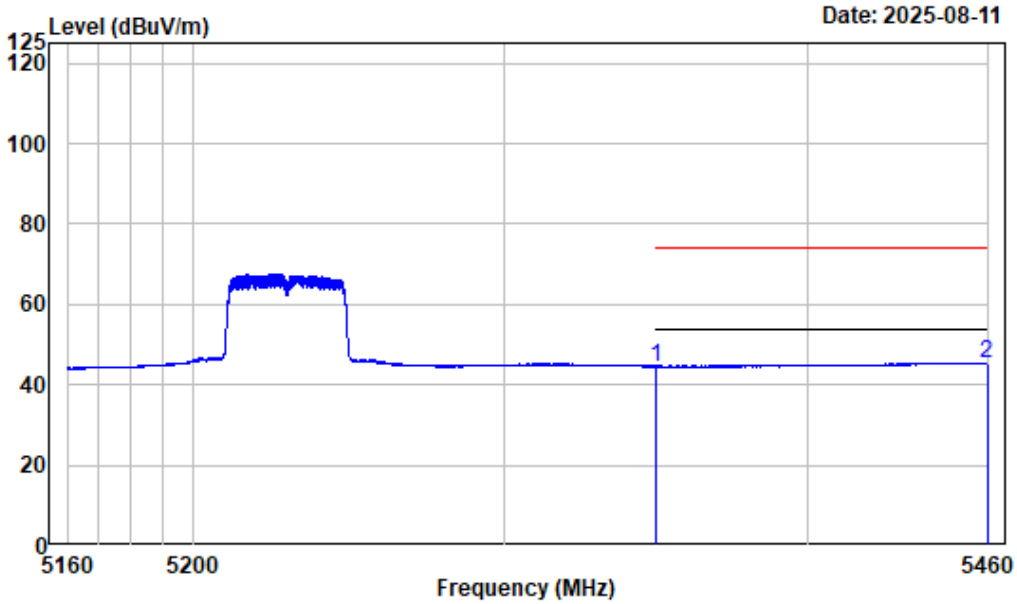
Right Band edge_Vertical_Peak_802.11n40_5230MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	63.41	56.67	74.00	-17.33	Peak
2	5457.000	-6.31	66.18	59.87	74.00	-14.13	Peak

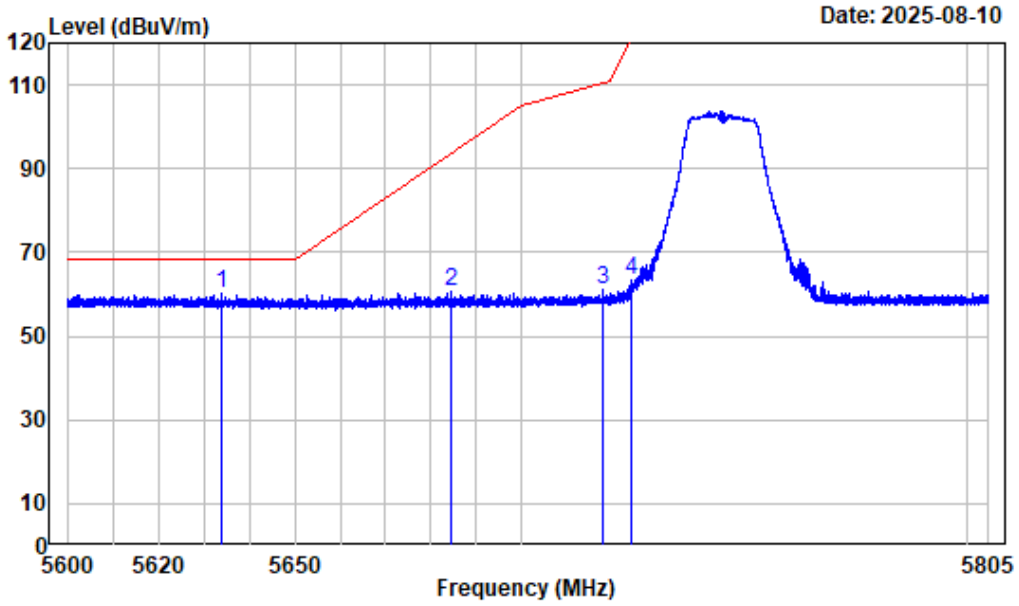
Right Band edge_Vertical_Average_802.11n40_5230MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:10Hz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.74	51.29	44.55	54.00	-9.45	Average
2	5459.512	-6.29	51.72	45.43	54.00	-8.57	Average

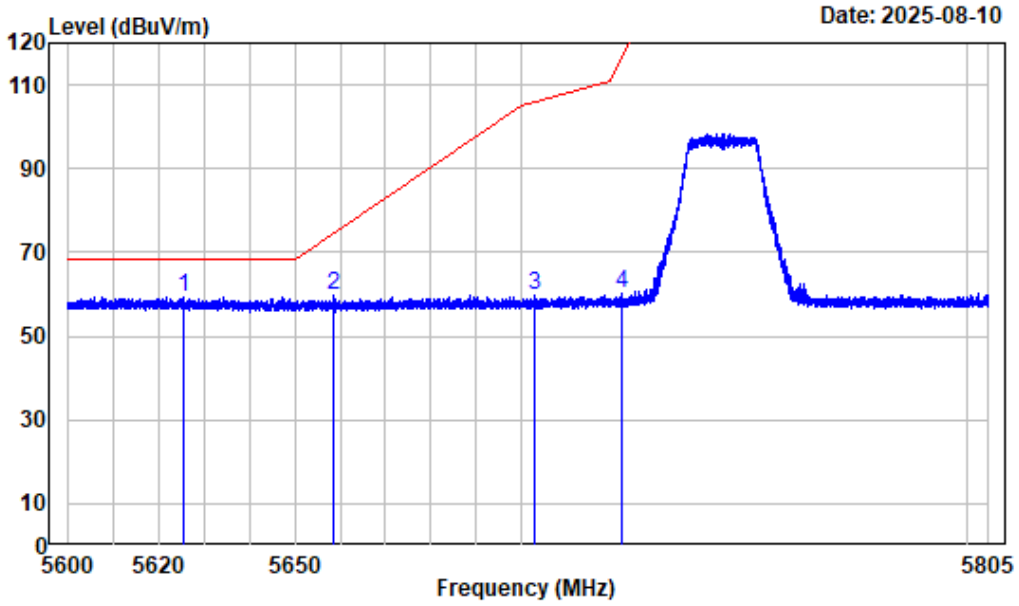
Left Band edge_Horizontal_802.11a_5745MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5633.701	-5.98	66.17	60.19	68.20	-8.01	Peak
2	5684.676	-5.76	66.22	60.46	93.89	-33.43	Peak
3	5718.300	-5.54	66.62	61.08	110.32	-49.24	Peak
4	5724.810	-5.49	68.93	63.44	121.77	-58.33	Peak

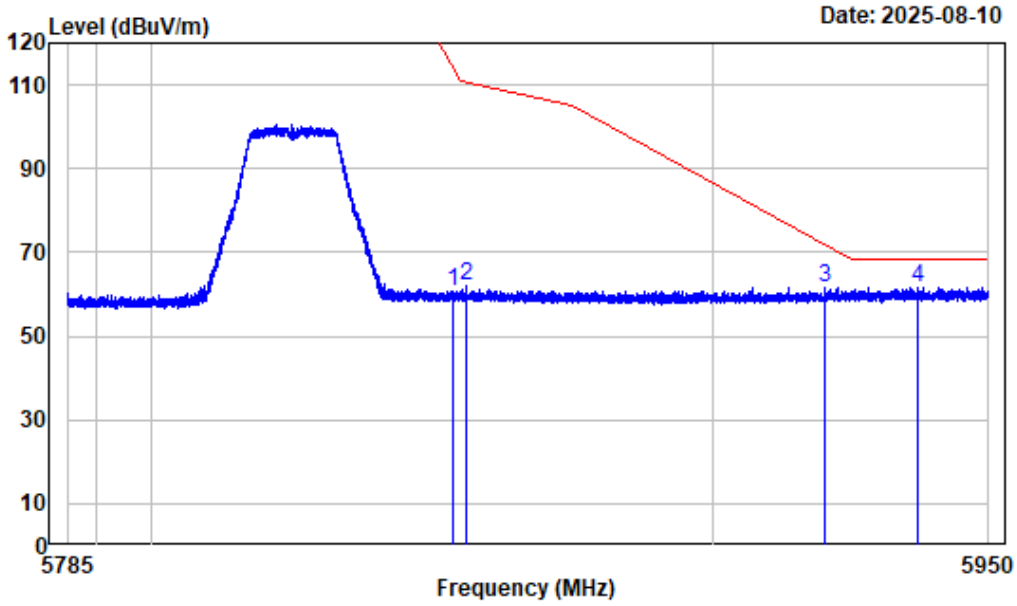
Left Band edge_Vertical_802.11a_5745MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5625.526	-6.04	65.42	59.38	68.20	-8.82	Peak
2	5658.586	-5.84	65.62	59.78	74.58	-14.80	Peak
3	5702.897	-5.68	65.51	59.83	106.01	-46.18	Peak
4	5722.452	-5.51	65.69	60.18	116.39	-56.21	Peak

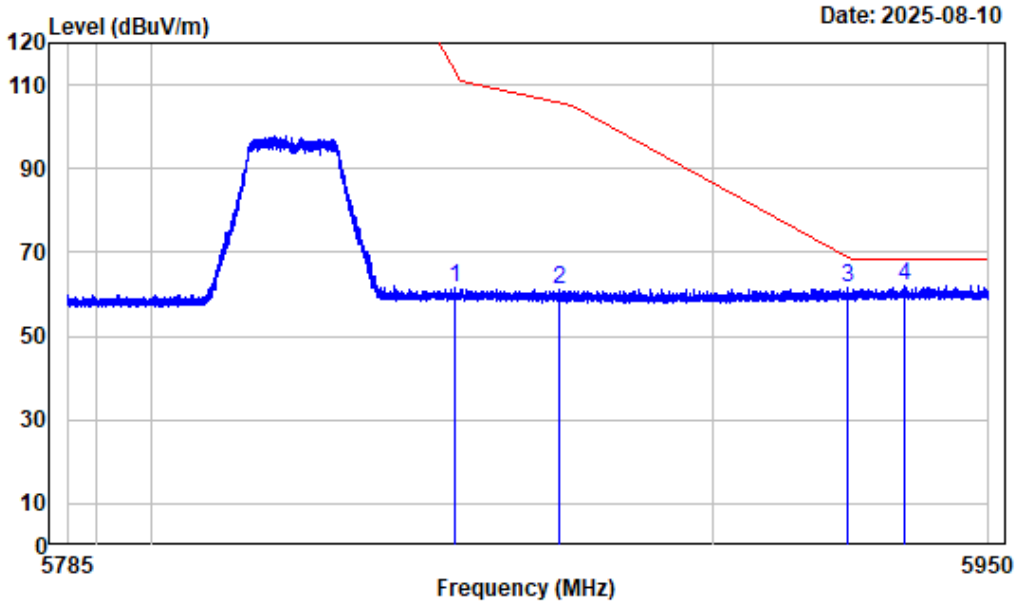
Right Band edge_Horizontal_802.11a_5825MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5853.587	-4.66	65.38	60.72	114.02	-53.30	Peak
2	5856.021	-4.66	66.88	62.22	110.51	-48.29	Peak
3	5920.296	-4.45	66.18	61.73	71.67	-9.94	Peak
4	5937.169	-4.45	66.17	61.72	68.20	-6.48	Peak

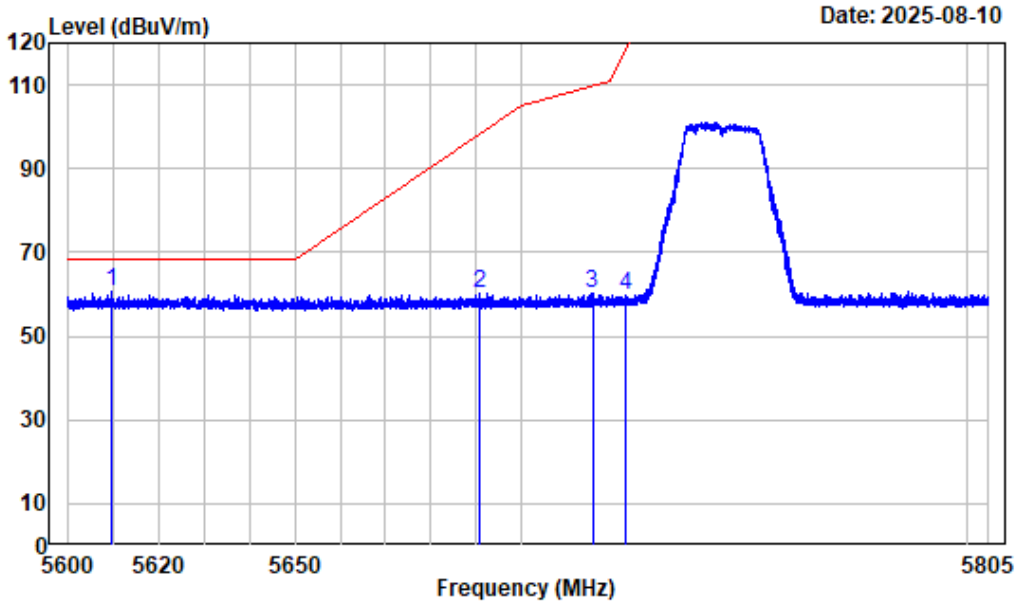
Right Band edge_Vertical_802.11a_5825MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_A_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5854.020	-4.65	66.01	61.36	113.03	-51.67	Peak
2	5872.481	-4.58	65.80	61.22	105.90	-44.68	Peak
3	5924.484	-4.45	65.86	61.41	68.58	-7.17	Peak
4	5934.612	-4.45	66.61	62.16	68.20	-6.04	Peak

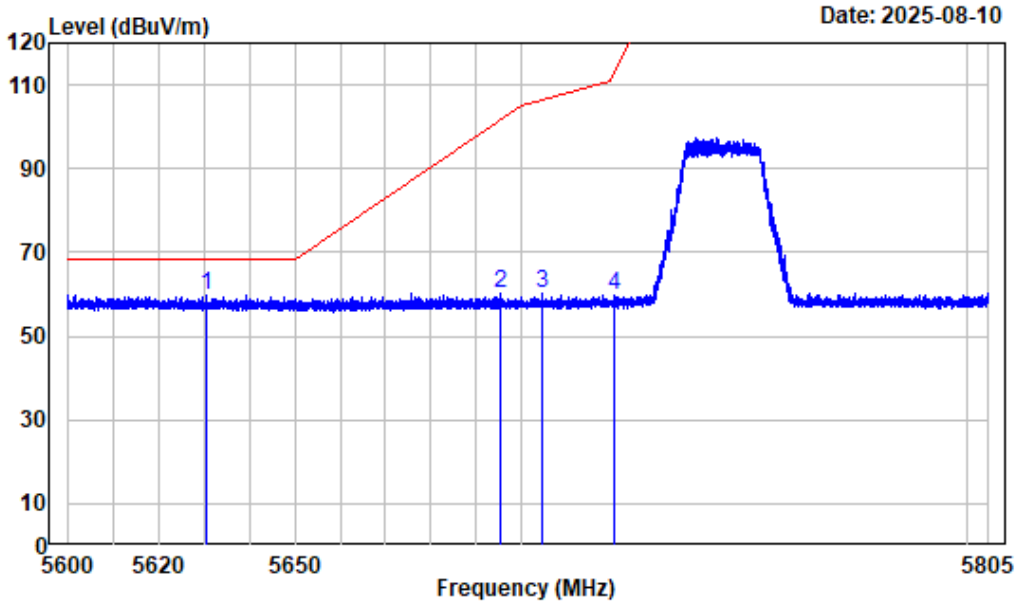
Left Band edge_Horizontal_802.11n20_5745MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5609.867	-6.14	66.72	60.58	68.20	-7.62	Peak
2	5690.877	-5.75	65.96	60.21	98.47	-38.26	Peak
3	5715.968	-5.57	65.83	60.26	109.67	-49.41	Peak
4	5723.502	-5.49	65.17	59.68	118.79	-59.11	Peak

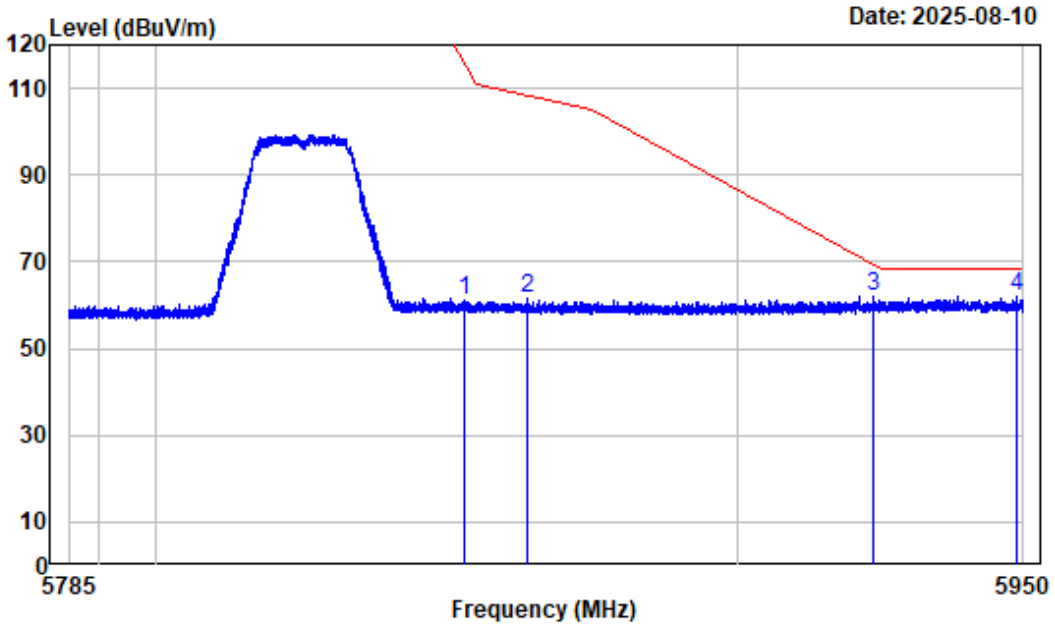
Left Band edge_Vertical_802.11n20_5745MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5745

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5630.523	-6.00	65.91	59.91	68.20	-8.29	Peak
2	5695.337	-5.73	66.12	60.39	101.76	-41.37	Peak
3	5704.896	-5.67	65.72	60.05	106.57	-46.52	Peak
4	5720.658	-5.53	65.49	59.96	112.30	-52.34	Peak

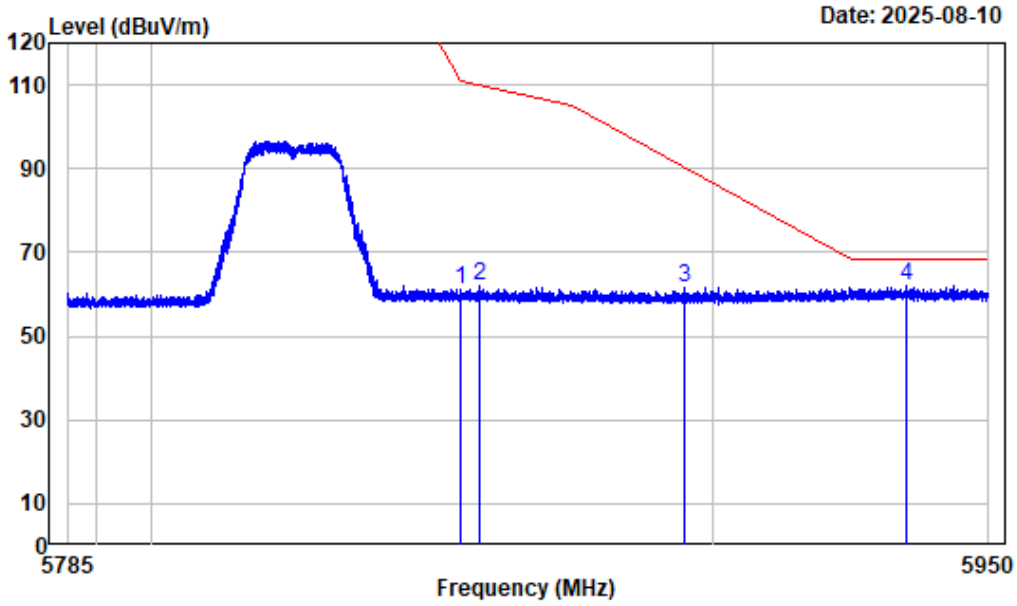
Right Band edge_Horizontal_802.11n20_5825MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5852.700	-4.66	65.57	60.91	116.04	-55.13	Peak
2	5863.797	-4.61	65.97	61.36	108.33	-46.97	Peak
3	5923.659	-4.46	66.41	61.95	69.19	-7.24	Peak
4	5948.948	-4.45	66.50	62.05	68.20	-6.15	Peak

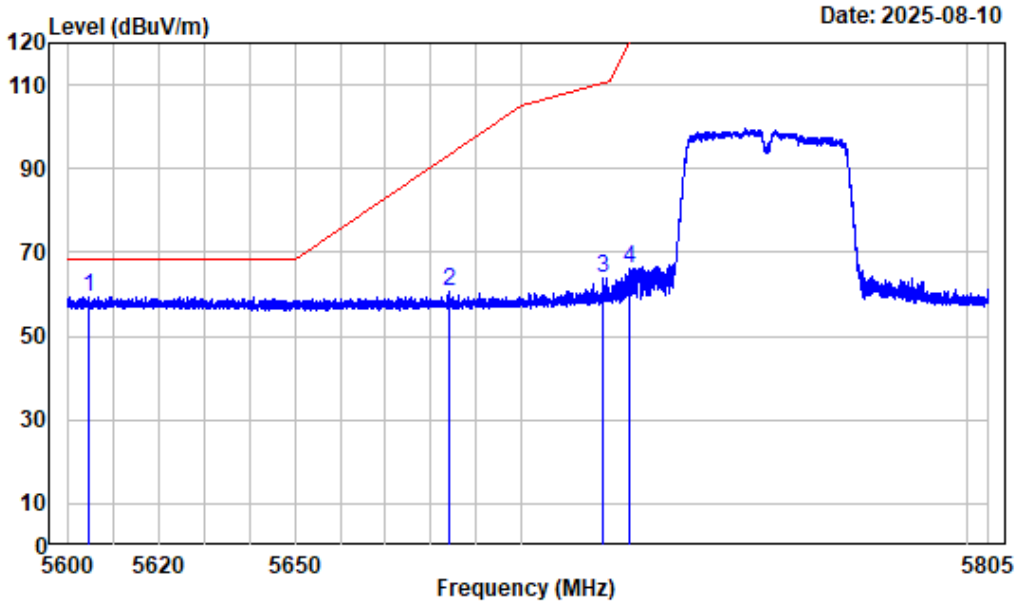
Right Band edge_Vertical_802.11n20_5825MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N20_5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5854.948	-4.65	65.95	61.30	110.92	-49.62	Peak
2	5858.414	-4.65	66.49	61.84	109.84	-48.00	Peak
3	5894.924	-4.48	66.29	61.81	90.42	-28.61	Peak
4	5935.169	-4.45	66.57	62.12	68.20	-6.08	Peak

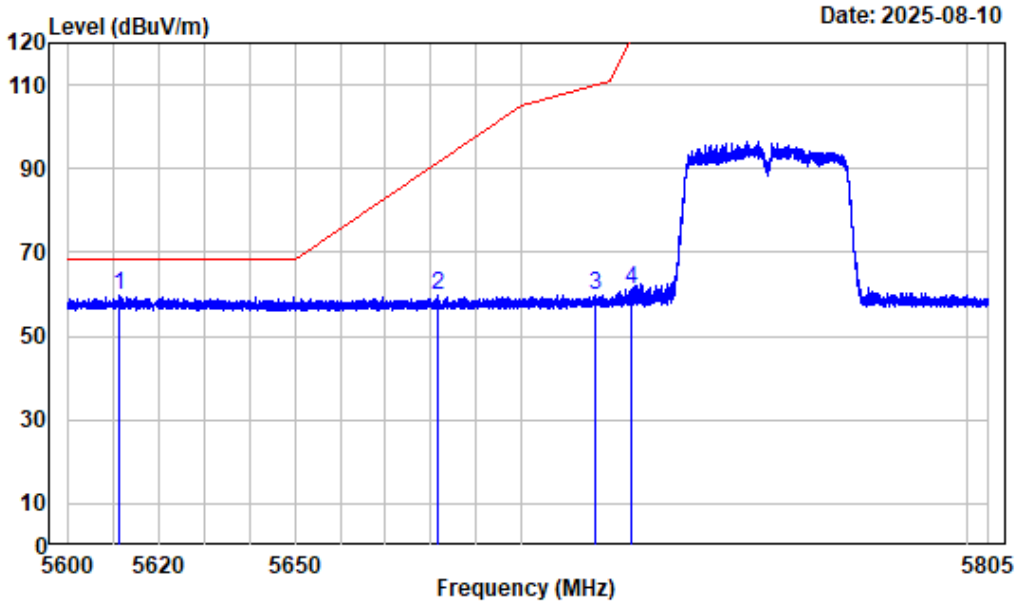
Left Band edge_Horizontal_802.11n40_5755MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5604.818	-6.18	65.73	59.55	68.20	-8.65	Peak
2	5683.932	-5.76	66.33	60.57	93.35	-32.78	Peak
3	5718.197	-5.54	69.57	64.03	110.30	-46.27	Peak
4	5724.374	-5.49	71.55	66.06	120.77	-54.71	Peak

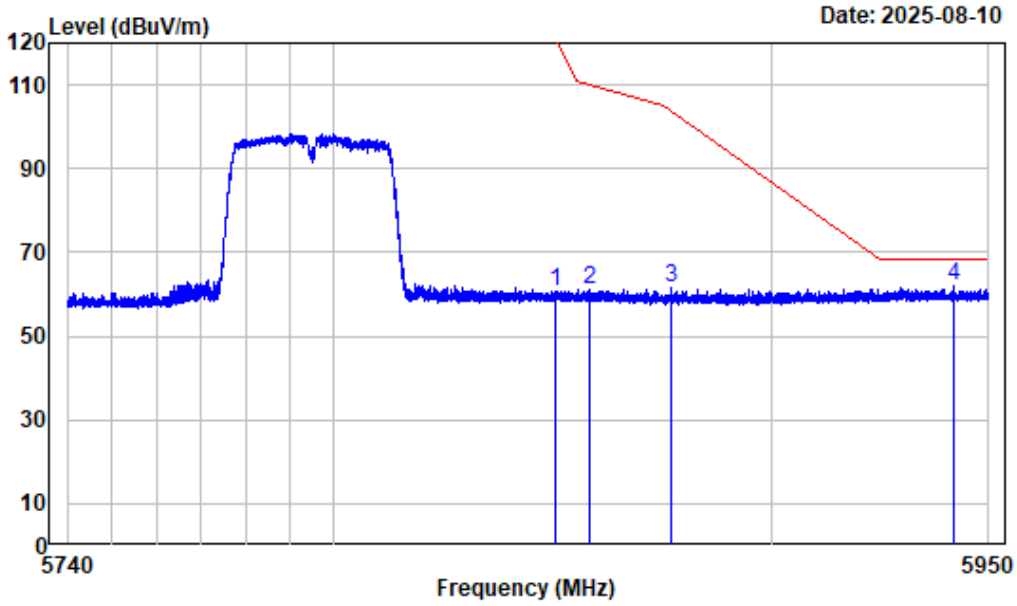
Left Band edge_Vertical_802.11n40_5755MHz_ANT2



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5755

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5611.405	-6.14	65.88	59.74	68.20	-8.46	Peak
2	5681.729	-5.77	65.61	59.84	91.72	-31.88	Peak
3	5716.455	-5.56	65.33	59.77	109.81	-50.04	Peak
4	5724.527	-5.49	66.65	61.16	121.12	-59.96	Peak

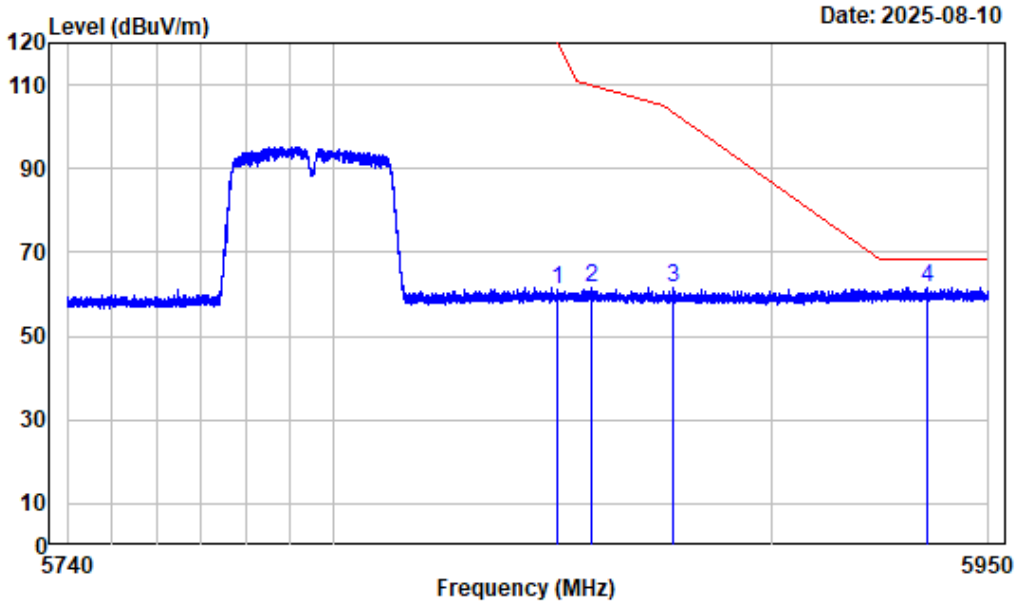
Right Band edge_Horizontal_802.11n40_5795MHz_ANT2



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.448	-4.68	65.41	60.73	121.18	-60.45	Peak
2	5858.192	-4.65	65.90	61.25	109.90	-48.65	Peak
3	5876.911	-4.56	65.92	61.36	103.78	-42.42	Peak
4	5942.098	-4.44	66.59	62.15	68.20	-6.05	Peak

Right Band edge_Vertical_802.11n40_5795MHz_ANT2

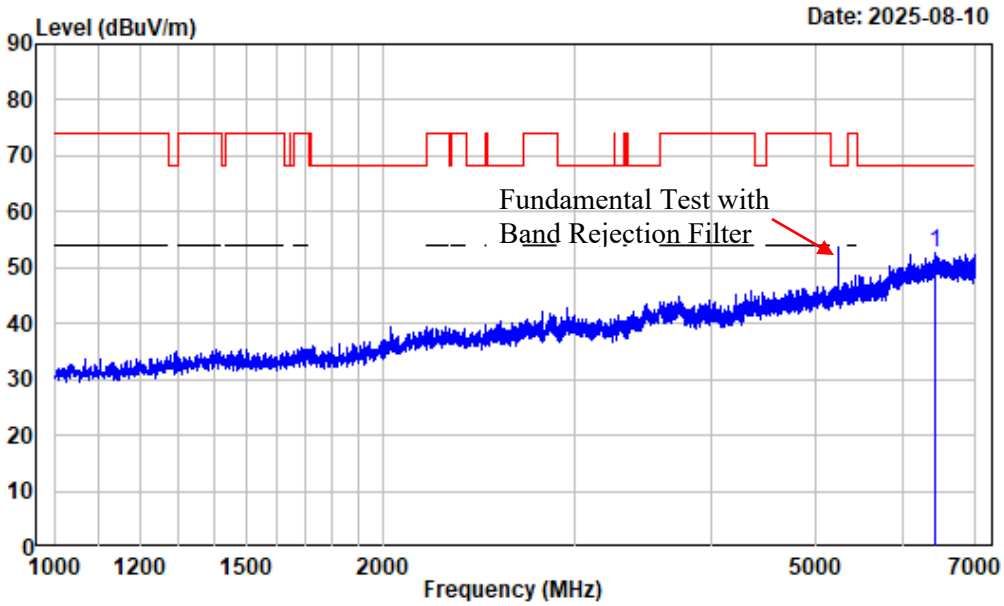


Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B4_N40_5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.736	-4.68	65.99	61.31	120.52	-59.21	Peak
2	5858.612	-4.65	66.23	61.58	109.79	-48.21	Peak
3	5877.173	-4.56	66.13	61.57	103.59	-42.02	Peak
4	5935.797	-4.45	66.13	61.68	68.20	-6.52	Peak

1-40GHz (Listed with the worst harmonic margin test plot)

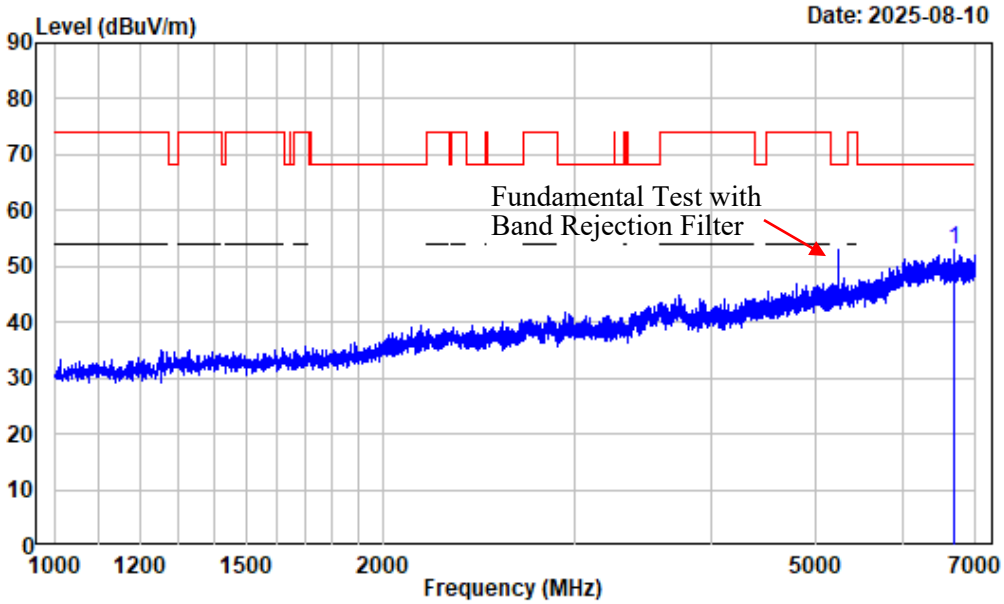
1-7GHz_Horizontal_802.11n40_5230MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6427.678	-2.89	55.58	52.69	68.20	-15.51	Peak

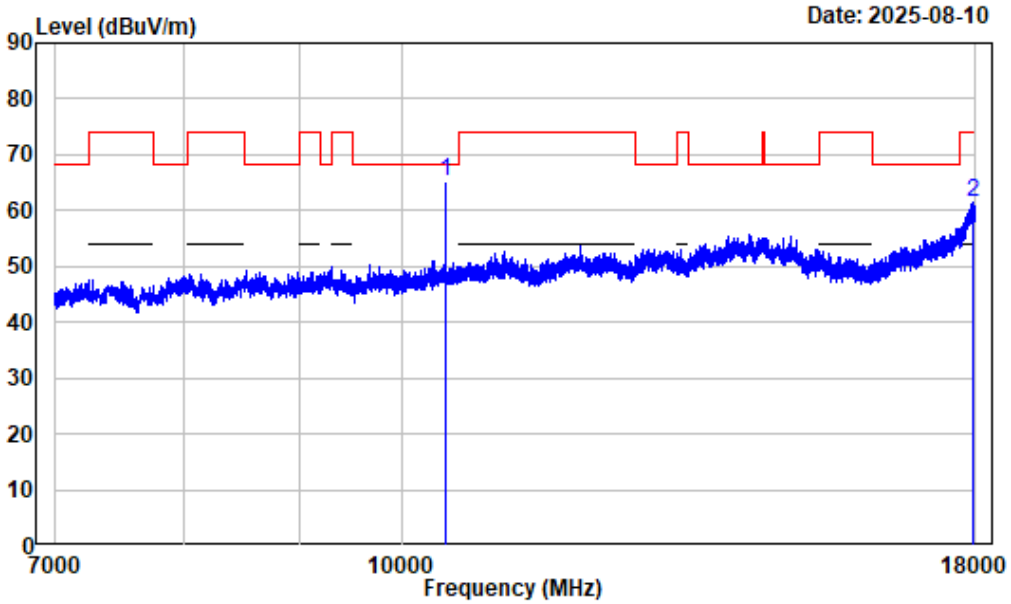
1-7GHz_Vertical_802.11n40_5230MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6691.711	-3.29	56.11	52.82	68.20	-15.38	Peak

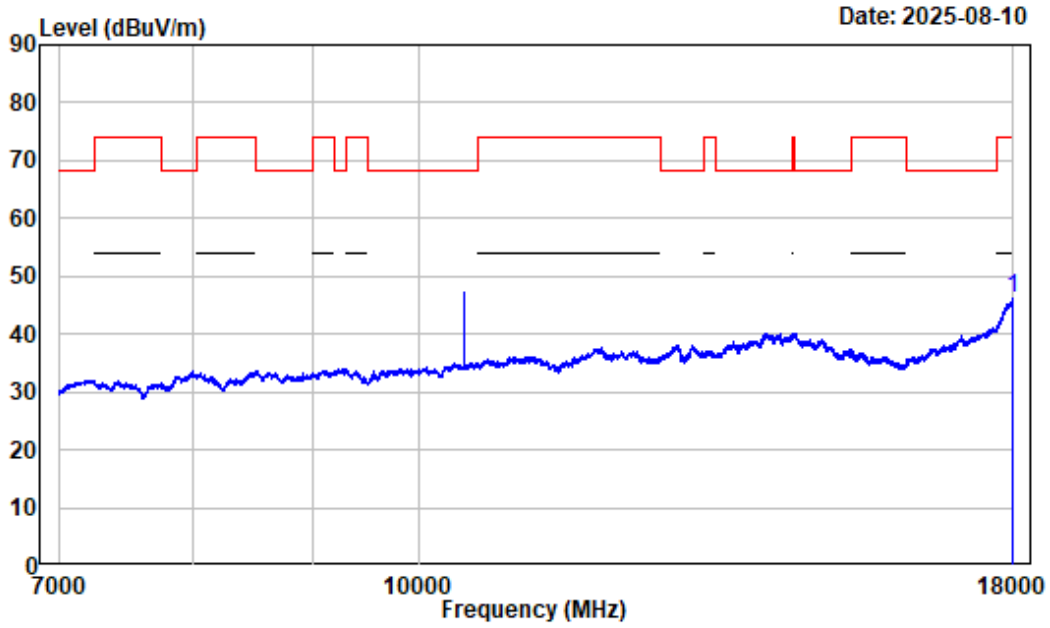
7-18GHz_Horizontal_Peak_802.11n40_5230MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	2.32	62.77	65.09	68.20	-3.11	Peak
2	17968.370	13.05	48.40	61.45	74.00	-12.55	Peak

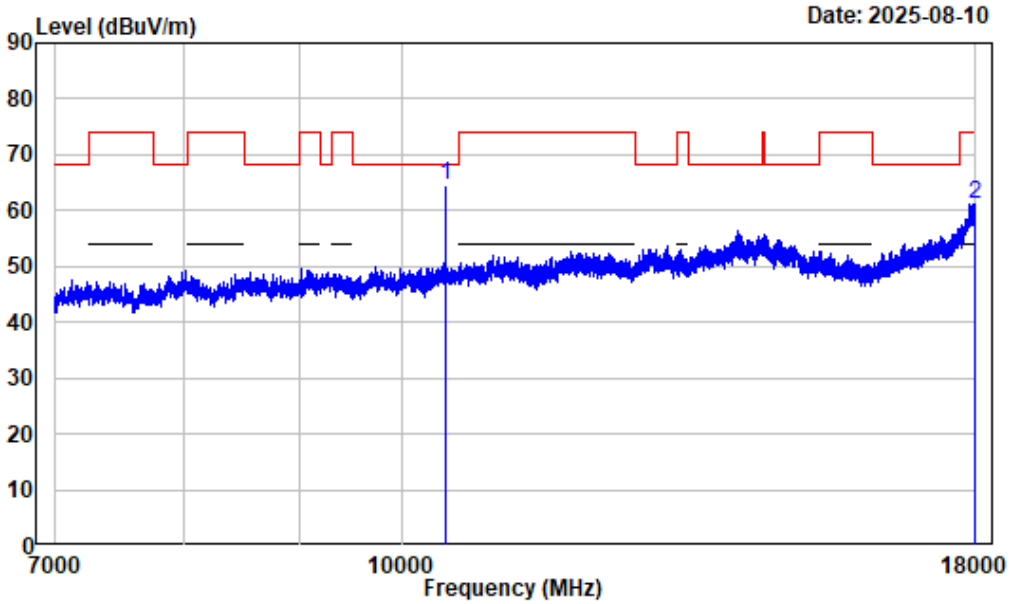
7-18GHz_Horizontal_Average_802.11n40_5230MHz_ANT1



Condition : Horizontal
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17984.870	13.12	33.01	46.13	54.00	-7.87	Average

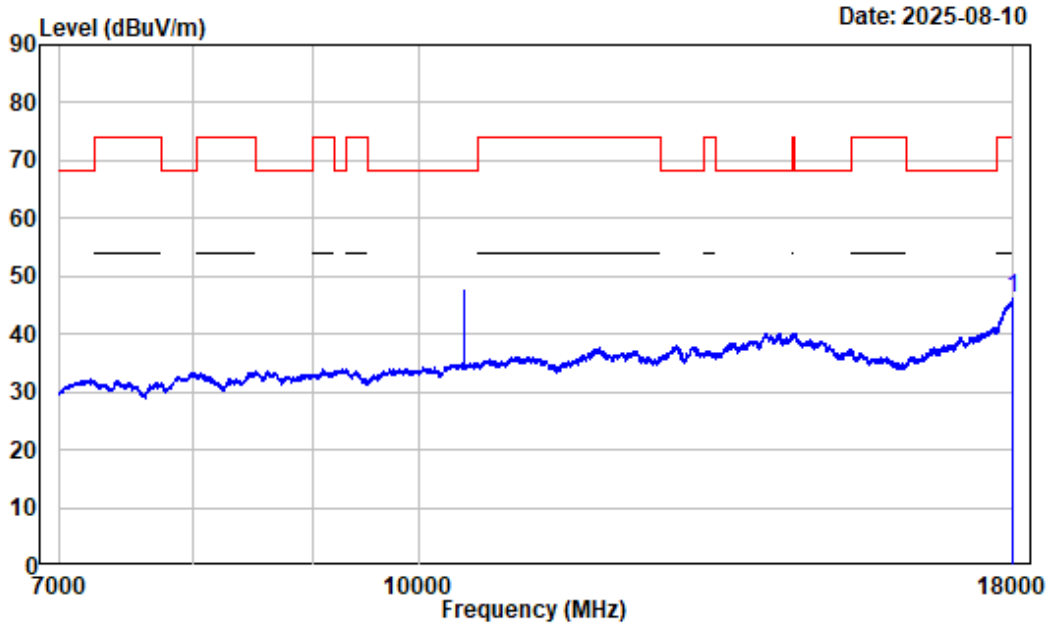
7-18GHz_Vertical_Peak_802.11n40_5230MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	2.32	62.26	64.58	68.20	-3.62	Peak
2	17986.250	13.12	47.97	61.09	74.00	-12.91	Peak

7-18GHz_Vertical_Average_802.11n40_5230MHz_ANT1



Condition : Vertical
Project No. : 2501R72164E-RF
Tester : Leon Guo
Spectrum setting: Average reading: RBW:1MHz VBW:1kHz Detector:Peak
Note : 5GWiFi_B1_N40_5230

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17987.620	13.13	32.92	46.05	54.00	-7.95	Average