

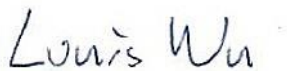


FCC RADIO TEST REPORT

FCC ID : G95438TX
Equipment : CWA438TCOM
Brand Name : Vantiva
Model Name : CWA438TCOM, CWA438TCOX
Marketing Name : XB9
Applicant : Vantiva USA LLC
4855 Peachtree Industrial Blvd. Suite
200 Norcross, Georgia 30092
Manufacturer : Vantiva
4855 Peachtree Industrial Blvd, Suite
200 Norcross GA 30092
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 26, 2026 and testing was performed from Feb. 13, 2026 to May 15, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR612627D	01	Initial issue of report	Jul. 06, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Pass
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
3.5	15.207	AC Conducted Emission	Pass
3.6	15.203	Antenna Requirement	Pass

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. Model name etched on bottom of the product is different to reflect different customers.

Reviewed by: Alan Liu

Report Producer: Vina Su

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, and ZigBee.	
Antenna Type WLAN: Dipole Antenna	

Antenna information for Directional Gain		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<Ant. DB 1+2+3+4> Correlated: 6.8 Uncorrelated: 1.3
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<Ant. DB 1+2+3+4> Correlated: 6.1 Uncorrelated: 1.0
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<Ant. DB 1+2+3+4> Correlated: 6.9 Uncorrelated: 1.3

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.



1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC Part 15 Subpart E
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel		Freq. (MHz)	
5150-5350 MHz	50@		5250	
5470-5725 MHz	114@		5570	

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "[#]" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@ " are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU but does not support 2x996-tone RU on 160MHz channel.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

The power for 802.11ax mode is smaller than 802.11be mode, so all other conducted and radiated test is covered by 802.11be mode.

The final test modes include the worst data rates for each modulation shown in the table below.

CDD Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

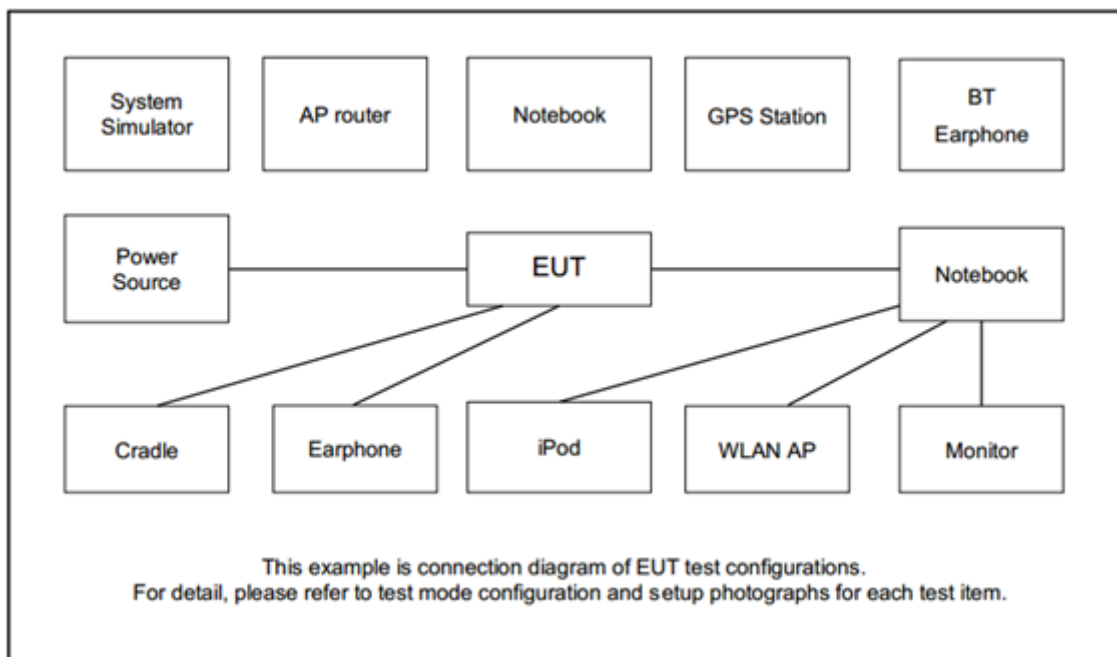
TXBF Mode

Modulation	Data Rate
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + LAN Link + AC adapter
Remark: 1. The detailed Radiated test modes are shown in Appendix C. 2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
2.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “AccessMTool 3.3.0.9” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “Tera tern v4.95” software tool was used to enable the EUT to transmit signals continuously.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules **v02r01**, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

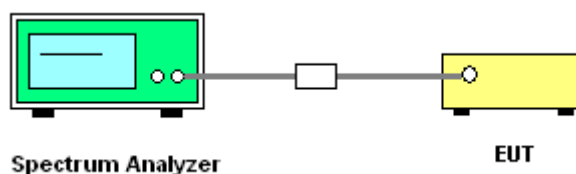
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. 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 analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the 5.15–5.25 GHz bands:

■ For mobile and portable 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. 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.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

<CDD Modes>

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

<TXBF Modes>

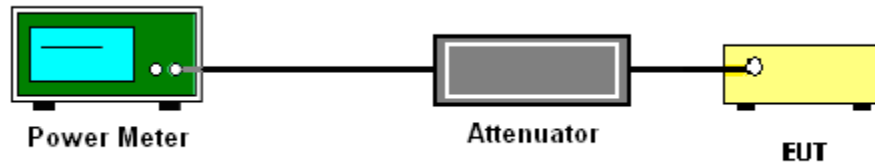
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

<CDD Modes>

Method SA-2

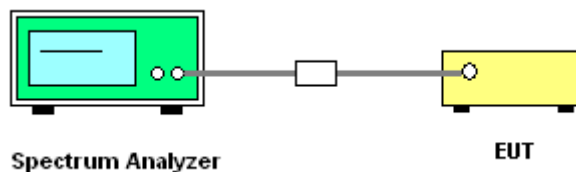
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is from a device with 4 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2, output 3 and output 4 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

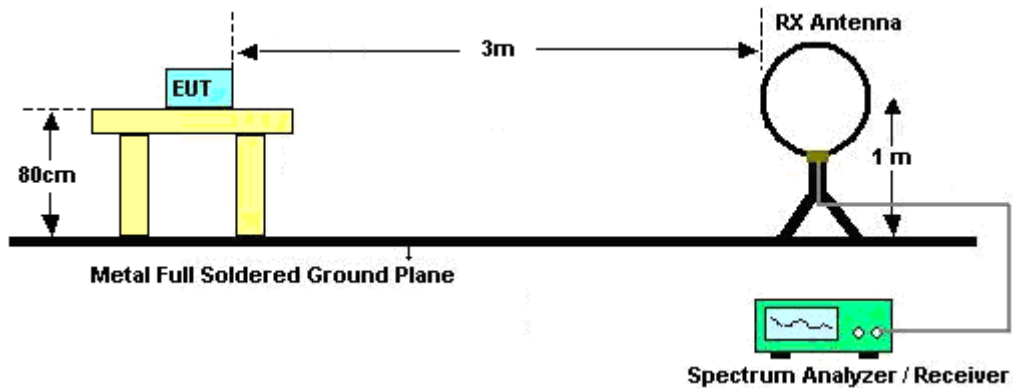
3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

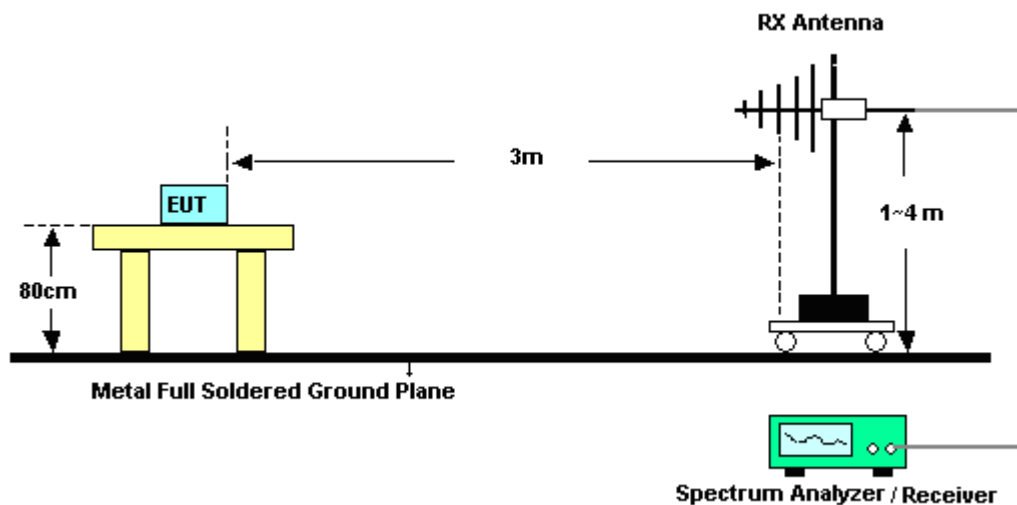
3.4.4 Test Setup

For radiated emissions below 30MHz

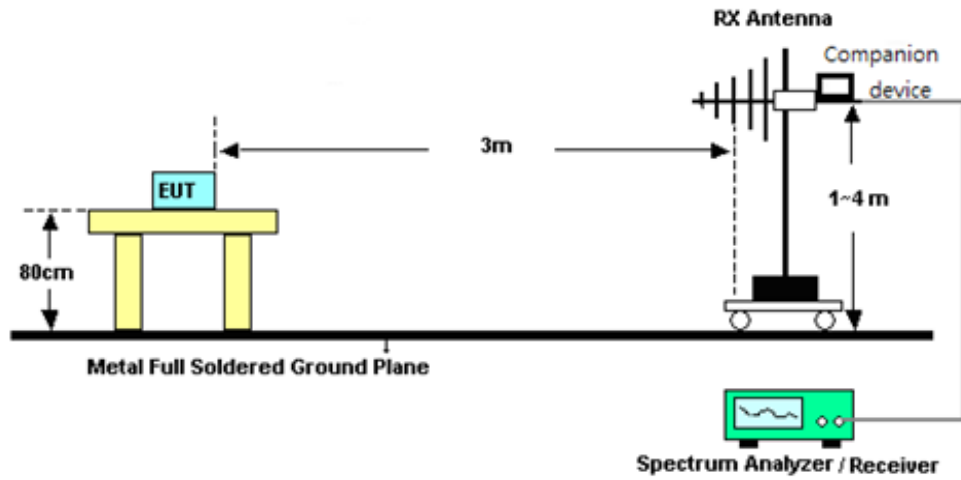


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

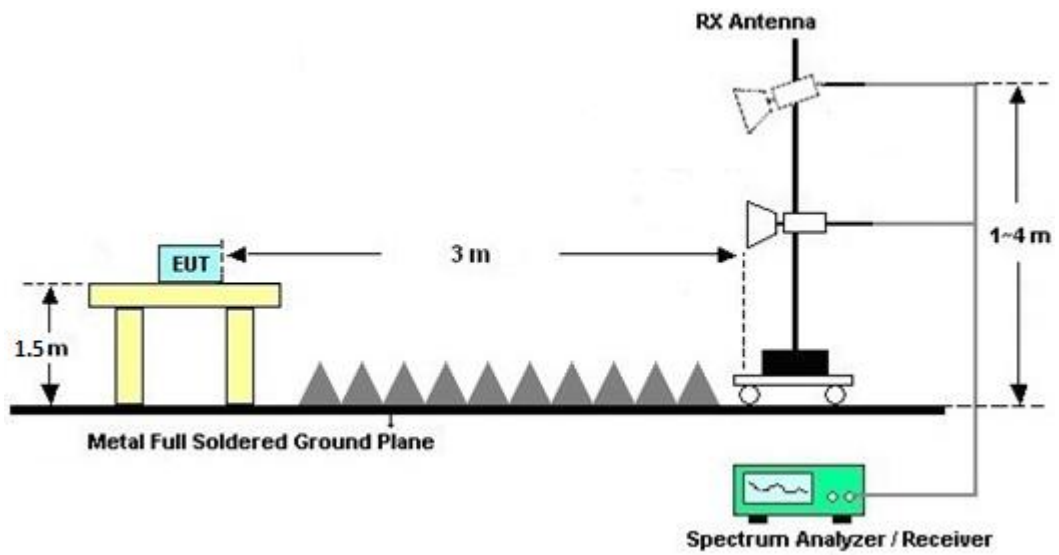


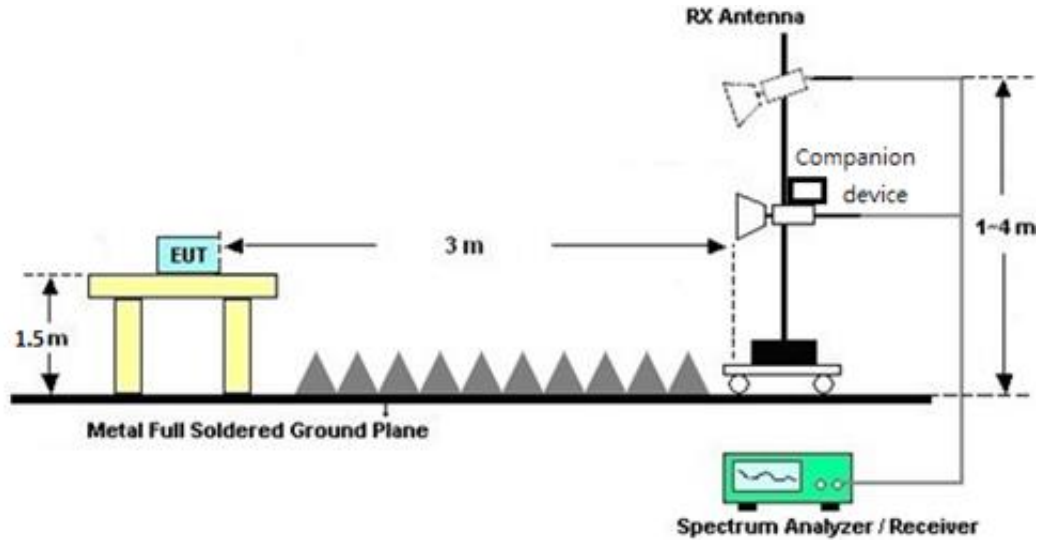
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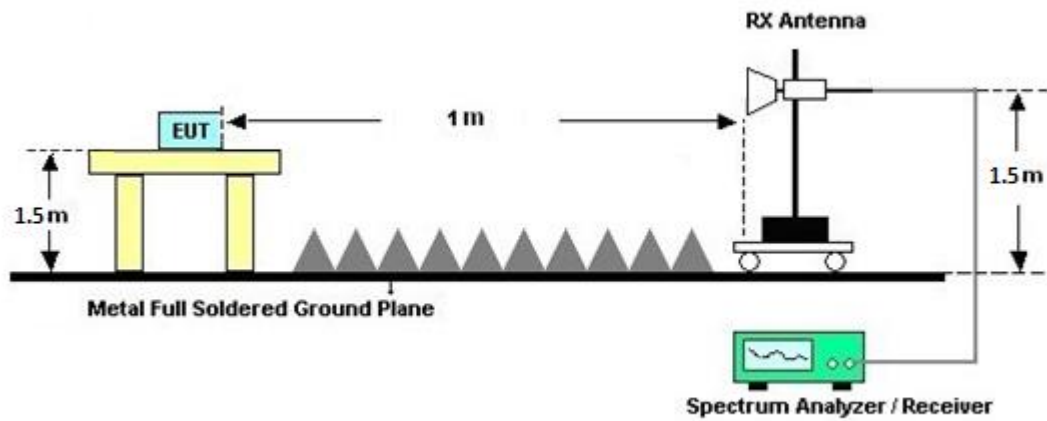
For radiated test from 1GHz to 18GHz

<CDD Mode>

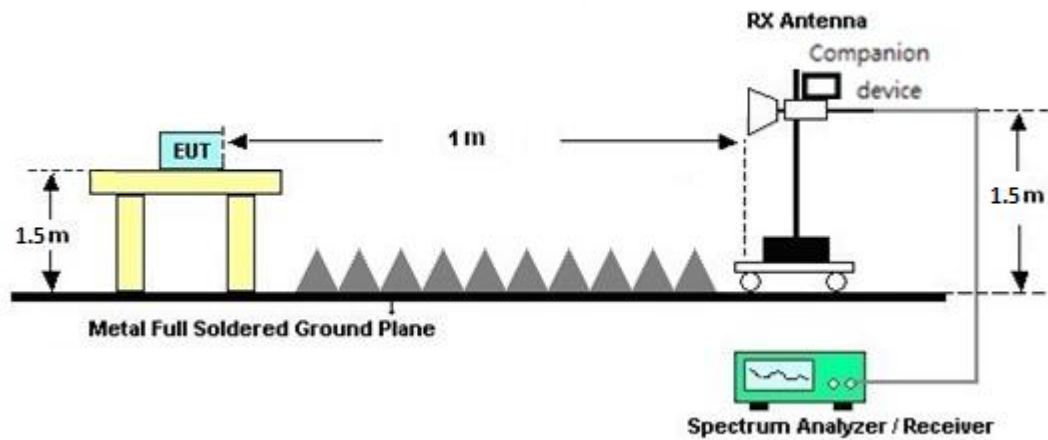


<TXBF Modes>


For radiated test above 18GHz

<CDD Mode>


<TXBF Modes>



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site **v01r01**, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

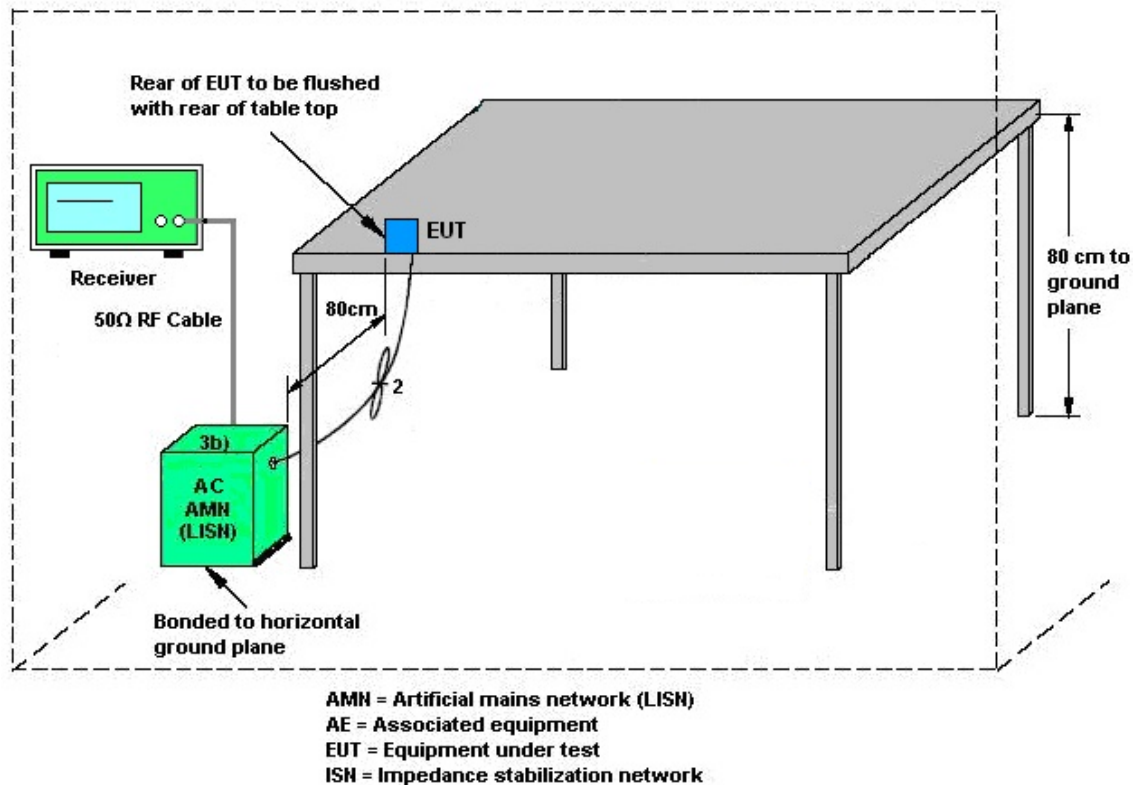
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. 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.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 06, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 05, 2026	Radiation (03CH15-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	Feb. 08, 2026~ Mar. 04, 2026	Mar. 05, 2026	Radiation (03CH15-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	Mar. 05, 2026~ Apr. 18, 2026	Mar. 15, 2027	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Mar. 01, 2025	Feb. 08, 2026~ Feb. 27, 2026	Feb. 28, 2026	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Mar. 16, 2026	Mar. 16, 2026~ Apr. 18, 2026	Mar. 15, 2027	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jul. 01, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 12, 2025	Feb. 08, 2026~ Feb. 10, 2026	Feb. 11, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 11, 2026	Feb. 11, 2026~ Apr. 18, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 12, 2025	Feb. 08, 2026~ Feb. 10, 2026	Feb. 11, 2026	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 11, 2026	Feb. 11, 2026~ Apr. 18, 2026	Feb. 10, 2027	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM18G40G	060801	18GHz~40GHz	May 26, 2025	Feb. 08, 2026~ Apr. 18, 2026	May 25, 2026	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 15, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jul. 14, 2026	Radiation (03CH15-HY)
EMI Test Reveiver	Keysight	N9038A(MXE)	MY54130085	20Hz~8.4GHz	Oct. 15, 2025	Feb. 08, 2026~ Apr. 18, 2026	Oct. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Feb. 08, 2026~ Apr. 18, 2026	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY519228/2, 803950/2,508 407/2E	30MHz~40GHz	Sep. 24, 2025	Feb. 08, 2026~ Apr. 18, 2026	Sep. 23, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Feb. 08, 2026~ Apr. 18, 2026	Aug. 25, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX8-5872. 5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jun. 03, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	wright	WHKX6-7268- 9200-26500-40 CD	SN2	9GHz High Pass Filter	May 21, 2025	Feb. 08, 2026~ Apr. 18, 2026	May 20, 2026	Radiation (03CH15-HY)
Filter	wright	WLJ4-1000-15 30-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 03, 2025	Feb. 08, 2026~ Apr. 18, 2026	Jun. 02, 2026	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Feb. 13, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 13, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	9561-FN00373	9kHz~200MHz	Oct. 20, 2025	Feb. 13, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Feb. 13, 2026	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Feb. 13, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Feb. 13, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Hygrometer	TECEPIL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Feb. 20, 2026~May 15, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17100015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Feb. 20, 2026~May 15, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Feb. 20, 2026~May 15, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Feb. 20, 2026~May 15, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Feb. 20, 2026~May 15, 2026	N/A	Conducted (TH05-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer	Derek Hsu	Temperature	21~25	°C
Test Date	2026/02/20~2026/05/15	Relative Humidity	51~54	%

<CDD Mode>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4
11a	6Mbps	4	36	5180	27.90	26.42	22.52	22.48	18.35	18.14	18.00	17.88	22.52
11a	6Mbps	4	40	5200	23.34	23.34	28.79	28.52	18.12	18.12	18.26	18.35	22.58
11a	6Mbps	4	44	5220	26.18	28.26	22.27	26.43	18.35	18.22	17.92	18.13	22.53
11a	6Mbps	4	48	5240	22.38	23.55	23.30	24.35	18.16	18.07	17.98	18.04	22.55
VHT20	MCS0	4	36	5180	29.39	26.94	24.68	27.90	18.80	18.78	18.59	19.01	22.69
VHT20	MCS0	4	40	5200	27.22	26.26	24.85	33.45	18.75	18.78	18.66	19.11	22.71
VHT20	MCS0	4	44	5220	30.73	26.43	22.92	28.08	18.84	18.80	18.56	19.14	22.69
VHT20	MCS0	4	48	5240	22.45	22.60	22.30	28.35	18.60	18.65	18.52	19.09	22.68
VHT40	MCS0	4	38	5190	57.82	65.50	74.50	68.50	37.03	37.20	37.35	37.22	23.01
VHT40	MCS0	4	46	5230	42.46	62.02	71.68	64.99	36.93	37.06	37.20	37.20	23.01
VHT80	MCS0	4	42	5210	110.27	117.50	139.52	115.26	76.40	76.56	76.53	76.61	23.01
VHT160	MCS0	4	50	5250	164.02	164.74	165.60	164.40	154.26	154.27	154.30	154.27	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
11a	6Mbps	4	36	5180	19.40	20.15	19.55	19.43	25.66	30.00	1.30	Pass
11a	6Mbps	4	40	5200	22.04	22.17	22.37	22.05	28.18	30.00	1.30	Pass
11a	6Mbps	4	44	5220	21.90	22.15	22.65	21.92	28.19	30.00	1.30	Pass
11a	6Mbps	4	48	5240	21.89	22.00	22.40	21.59	28.00	30.00	1.30	Pass
HT20	MCS0	4	36	5180	18.96	19.18	19.12	18.75	25.03	30.00	1.30	Pass
HT20	MCS0	4	40	5200	21.89	21.84	22.05	21.98	27.96	30.00	1.30	Pass
HT20	MCS0	4	44	5220	22.38	22.35	22.85	22.16	28.46	30.00	1.30	Pass
HT20	MCS0	4	48	5240	21.88	22.13	22.78	22.13	28.26	30.00	1.30	Pass
HT40	MCS0	4	38	5190	17.84	17.62	17.61	17.61	23.69	30.00	1.30	Pass
HT40	MCS0	4	46	5230	21.08	20.79	21.62	21.16	27.19	30.00	1.30	Pass
VHT20	MCS0	4	36	5180	19.34	19.40	18.84	18.70	25.10	30.00	1.30	Pass
VHT20	MCS0	4	40	5200	21.90	21.85	22.06	21.99	27.97	30.00	1.30	Pass
VHT20	MCS0	4	44	5220	22.45	22.36	22.87	22.17	28.49	30.00	1.30	Pass
VHT20	MCS0	4	48	5240	21.92	22.15	22.80	22.14	28.29	30.00	1.30	Pass
VHT40	MCS0	4	38	5190	17.85	17.82	17.62	17.62	23.75	30.00	1.30	Pass
VHT40	MCS0	4	46	5230	21.24	21.09	21.85	21.16	27.37	30.00	1.30	Pass
VHT80	MCS0	4	42	5210	17.35	17.25	17.55	17.22	23.37	30.00	1.30	Pass
VHT160	MCS0	4	50	5250	15.23	15.13	15.23	14.99	21.17	30.00	1.30	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	36	5180	0.23	0.23	0.23	0.23	13.55	16.20	6.80	Pass
11a	6Mbps	4	40	5200	0.23	0.23	0.23	0.23	16.15	16.20	6.80	Pass
11a	6Mbps	4	44	5220	0.23	0.23	0.23	0.23	15.98	16.20	6.80	Pass
11a	6Mbps	4	48	5240	0.23	0.23	0.23	0.23	15.99	16.20	6.80	Pass
VHT20	MCS0	4	36	5180	0.08	0.08	0.08	0.08	12.78	16.20	6.80	Pass
VHT20	MCS0	4	40	5200	0.08	0.08	0.08	0.08	15.28	16.20	6.80	Pass
VHT20	MCS0	4	44	5220	0.08	0.08	0.08	0.08	16.03	16.20	6.80	Pass
VHT20	MCS0	4	48	5240	0.08	0.08	0.08	0.08	16.06	16.20	6.80	Pass
VHT40	MCS0	4	38	5190	0.16	0.16	0.16	0.16	8.51	16.20	6.80	Pass
VHT40	MCS0	4	46	5230	0.16	0.16	0.16	0.16	12.29	16.20	6.80	Pass
VHT80	MCS0	4	42	5210	0.32	0.32	0.32	0.32	5.09	16.20	6.80	Pass
VHT160	MCS0	4	50	5250	0.58	0.56	0.58	0.58	0.53	16.20	6.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 1	Ant 2	Ant 3	Ant 4		
11a	6Mbps	4	52	5260	28.06	26.94	27.39	25.86	23.98	
11a	6Mbps	4	60	5300	29.22	26.28	26.94	24.35	23.98	
11a	6Mbps	4	64	5320	27.15	28.44	28.14	27.70	23.98	
VHT20	MCS0	4	52	5260	28.14	28.33	27.18	29.78	23.98	
VHT20	MCS0	4	60	5300	23.89	27.77	23.31	30.82	23.98	
VHT20	MCS0	4	64	5320	29.02	28.97	30.25	28.64	23.98	
VHT40	MCS0	4	54	5270	57.49	60.22	58.88	55.36	23.98	
VHT40	MCS0	4	62	5310	54.66	50.42	59.46	55.14	23.98	
VHT80	MCS0	4	58	5290	97.89	96.22	96.96	95.33	23.98	
VHT160	MCS0	4	50	5250	164.02	164.74	165.60	164.40	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3
11a	6Mbps	4	52	5260	18.27	18.21	18.13	17.97	23.55	29.55			
11a	6Mbps	4	60	5300	18.35	18.12	18.08	18.04	23.56	29.56			
11a	6Mbps	4	64	5320	18.39	18.27	18.33	18.13	23.58	29.58			
VHT20	MCS0	4	52	5260	18.79	18.83	18.66	19.06	23.71	29.71			
VHT20	MCS0	4	60	5300	18.70	18.80	18.59	19.17	23.69	29.69			
VHT20	MCS0	4	64	5320	18.79	18.84	18.69	19.12	23.72	29.72			
VHT40	MCS0	4	54	5270	37.11	37.07	37.11	37.15	23.98	30.00			
VHT40	MCS0	4	62	5310	37.08	37.06	37.12	37.15	23.98	30.00			
VHT80	MCS0	4	58	5290	76.39	76.36	76.24	76.40	23.98	30.00			
VHT160	MCS0	4	50	5250	154.26	154.27	154.30	154.27	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	4	52	5260	16.66	16.55	16.99	16.69	22.75	23.98	1.00	23.75	30.00	Pass
11a	6Mbps	4	60	5300	16.80	17.00	17.00	16.90	22.95	23.98	1.00	23.95	30.00	Pass
11a	6Mbps	4	64	5320	16.92	16.78	16.73	16.60	22.78	23.98	1.00	23.78	30.00	Pass
HT20	MCS0	4	52	5260	16.67	16.82	17.01	17.00	22.90	23.98	1.00	23.90	30.00	Pass
HT20	MCS0	4	60	5300	16.92	16.60	17.00	16.72	22.83	23.98	1.00	23.83	30.00	Pass
HT20	MCS0	4	64	5320	17.45	16.69	17.30	16.60	23.05	23.98	1.00	24.05	30.00	Pass
HT40	MCS0	4	54	5270	17.60	17.34	17.35	17.30	23.42	23.98	1.00	24.42	30.00	Pass
HT40	MCS0	4	62	5310	17.48	17.44	17.46	16.80	23.32	23.98	1.00	24.32	30.00	Pass
VHT20	MCS0	4	52	5260	16.72	16.91	17.15	17.10	22.99	23.98	1.00	23.99	30.00	Pass
VHT20	MCS0	4	60	5300	17.04	16.82	17.04	16.92	22.98	23.98	1.00	23.98	30.00	Pass
VHT20	MCS0	4	64	5320	17.49	16.72	17.30	16.65	23.08	23.98	1.00	24.08	30.00	Pass
VHT40	MCS0	4	54	5270	17.60	17.58	17.62	17.60	23.62	23.98	1.00	24.62	30.00	Pass
VHT40	MCS0	4	62	5310	17.60	17.59	17.80	17.17	23.57	23.98	1.00	24.57	30.00	Pass
VHT80	MCS0	4	58	5290	17.12	17.05	17.10	17.02	23.09	23.98	1.00	24.09	30.00	Pass
VHT160	MCS0	4	50	5250	15.23	15.13	15.23	14.99	21.17	23.98	1.00	22.17	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	52	5260	0.23	0.23	0.23	0.23	10.68	10.90	6.10	Pass
11a	6Mbps	4	60	5300	0.23	0.23	0.23	0.23	10.75	10.90	6.10	Pass
11a	6Mbps	4	64	5320	0.23	0.23	0.23	0.23	10.89	10.90	6.10	Pass
VHT20	MCS0	4	52	5260	0.08	0.08	0.08	0.08	10.57	10.90	6.10	Pass
VHT20	MCS0	4	60	5300	0.08	0.08	0.08	0.08	10.66	10.90	6.10	Pass
VHT20	MCS0	4	64	5320	0.08	0.08	0.08	0.08	10.77	10.90	6.10	Pass
VHT40	MCS0	4	54	5270	0.16	0.16	0.16	0.16	8.37	10.90	6.10	Pass
VHT40	MCS0	4	62	5310	0.16	0.16	0.16	0.16	8.36	10.90	6.10	Pass
VHT80	MCS0	4	58	5290	0.32	0.32	0.32	0.32	4.65	10.90	6.10	Pass
VHT160	MCS0	4	50	5250	0.58	0.56	0.58	0.58	0.53	10.90	6.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	100	5500	29.14	25.54	27.39	25.35	23.98	----	----	----	----
11a	6Mbps	4	116	5580	27.78	28.10	28.35	27.33	23.98	----	----	----	----
11a	6Mbps	4	140	5700	22.08	22.22	21.93	22.14	23.98	----	----	----	----
VHT20	MCS0	4	100	5500	23.98	28.95	28.00	28.30	23.98	----	----	----	----
VHT20	MCS0	4	116	5580	29.02	29.22	28.64	30.14	23.98	----	----	----	----
VHT20	MCS0	4	140	5700	21.93	22.01	21.78	22.32	23.98	----	----	----	----
VHT40	MCS0	4	102	5510	55.17	57.63	64.46	64.59	23.98	----	----	----	----
VHT40	MCS0	4	110	5550	48.99	51.82	52.32	55.65	23.98	----	----	----	----
VHT40	MCS0	4	134	5670	44.66	45.41	49.68	54.29	23.98	----	----	----	----
VHT80	MCS0	4	106	5530	94.66	96.69	92.74	96.22	23.98	----	----	----	----
VHT80	MCS0	4	122	5610	87.10	88.13	86.11	84.61	23.98	----	----	----	----
VHT160	MCS0	4	114	5570	164.69	164.98	165.60	164.98	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	144	5720	18.94	19.88	17.51	16.99	23.30	3.38	3.44	3.36	3.39
VHT20	MCS0	4	144	5720	17.92	18.11	17.73	18.44	23.49	3.81	3.81	3.81	3.81
VHT40	MCS0	4	142	5710	36.23	39.21	40.76	42.74	23.98	3.21	3.21	3.22	3.21
VHT80	MCS0	4	138	5690	80.86	79.42	81.59	79.29	23.98	3.18	3.18	3.19	2.94

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
11a	6Mbps	4	100	5500	18.37	18.27	18.10	18.02	23.56	29.56
11a	6Mbps	4	116	5580	18.33	18.31	18.25	18.00	23.55	29.55
11a	6Mbps	4	140	5700	17.90	17.84	17.67	17.57	23.45	29.45
VHT20	MCS0	4	100	5500	18.75	18.80	18.65	19.10	23.71	29.71
VHT20	MCS0	4	116	5580	18.74	18.83	18.75	19.13	23.73	29.73
VHT20	MCS0	4	140	5700	18.43	18.45	18.31	18.79	23.63	29.63
VHT40	MCS0	4	102	5510	37.07	37.08	37.11	37.28	23.98	30.00
VHT40	MCS0	4	110	5550	37.00	36.99	37.01	37.14	23.98	30.00
VHT40	MCS0	4	134	5670	36.98	36.96	36.95	37.18	23.98	30.00
VHT80	MCS0	4	106	5530	76.38	76.37	76.32	76.42	23.98	30.00
VHT80	MCS0	4	122	5610	76.37	76.34	76.26	76.32	23.98	30.00
VHT160	MCS0	4	114	5570	154.44	154.45	154.45	154.43	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 3	Ant 4			
11a	6Mbps	4	144	5720	14.15	14.11	13.96	13.97	22.45	28.45	
VHT20	MCS0	4	144	5720	14.32	14.32	14.26	14.52	22.54	28.54	
VHT40	MCS0	4	142	5710	33.42	33.48	33.46	33.52	23.98	30.00	
VHT80	MCS0	4	138	5690	73.15	73.16	73.17	73.18	23.98	30.00	

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	4	100	5500	16.02	15.72	16.09	15.80	21.93	23.98	1.30	23.23	30.00	Pass
11a	6Mbps	4	116	5580	16.00	15.75	16.01	15.75	21.90	23.98	1.30	23.20	30.00	Pass
11a	6Mbps	4	140	5700	16.40	15.97	16.20	15.71	22.10	23.98	1.30	23.40	30.00	Pass
HT20	MCS0	4	100	5500	16.41	16.32	16.60	16.23	22.41	23.98	1.30	23.71	30.00	Pass
HT20	MCS0	4	116	5580	16.11	16.20	16.41	16.25	22.26	23.98	1.30	23.56	30.00	Pass
HT20	MCS0	4	140	5700	16.80	16.67	16.58	16.20	22.59	23.98	1.30	23.89	30.00	Pass
HT40	MCS0	4	102	5510	17.90	17.46	17.45	17.30	23.55	23.98	1.30	24.85	30.00	Pass
HT40	MCS0	4	110	5550	17.52	17.42	17.35	17.40	23.44	23.98	1.30	24.74	30.00	Pass
HT40	MCS0	4	134	5670	17.78	17.35	17.49	17.39	23.53	23.98	1.30	24.83	30.00	Pass
VHT20	MCS0	4	100	5500	16.43	16.33	16.61	16.23	22.42	23.98	1.30	23.72	30.00	Pass
VHT20	MCS0	4	116	5580	16.11	16.22	16.52	16.25	22.30	23.98	1.30	23.60	30.00	Pass
VHT20	MCS0	4	140	5700	16.83	16.69	16.65	16.20	22.62	23.98	1.30	23.92	30.00	Pass
VHT40	MCS0	4	102	5510	18.00	17.46	17.68	17.40	23.66	23.98	1.30	24.96	30.00	Pass
VHT40	MCS0	4	110	5550	17.84	17.45	17.65	17.45	23.62	23.98	1.30	24.92	30.00	Pass
VHT40	MCS0	4	134	5670	17.79	17.36	17.50	17.40	23.54	23.98	1.30	24.84	30.00	Pass
VHT80	MCS0	4	106	5530	16.11	15.69	16.11	15.94	21.99	23.98	1.30	23.29	30.00	Pass
VHT80	MCS0	4	122	5610	17.58	17.20	17.62	17.90	23.60	23.98	1.30	24.90	30.00	Pass
VHT160	MCS0	4	114	5570	16.92	16.92	17.02	16.97	22.98	23.98	1.30	24.28	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	4	144	5720	16.11	16.05	16.05	15.60	21.98	23.30	1.30	23.28	30.00	Pass
HT20	MCS0	4	144	5720	16.74	16.43	16.29	15.89	22.37	23.49	1.30	23.67	30.00	Pass
HT40	MCS0	4	142	5710	17.85	17.44	17.65	17.00	23.52	23.98	1.30	24.82	30.00	Pass
VHT20	MCS0	4	144	5720	16.75	16.44	16.30	15.90	22.38	23.49	1.30	23.68	30.00	Pass
VHT40	MCS0	4	142	5710	17.95	17.62	17.85	17.23	23.69	23.98	1.30	24.99	30.00	Pass
VHT80	MCS0	4	138	5690	17.98	17.40	17.47	17.54	23.62	23.98	1.30	24.92	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	100	5500	0.23	0.23	0.23	0.23	9.91	10.10	6.90	Pass
11a	6Mbps	4	116	5580	0.23	0.23	0.23	0.23	9.88	10.10	6.90	Pass
11a	6Mbps	4	140	5700	0.23	0.23	0.23	0.23	10.02	10.10	6.90	Pass
VHT20	MCS0	4	100	5500	0.08	0.08	0.08	0.08	9.83	10.10	6.90	Pass
VHT20	MCS0	4	116	5580	0.08	0.08	0.08	0.08	9.99	10.10	6.90	Pass
VHT20	MCS0	4	140	5700	0.08	0.08	0.08	0.08	10.09	10.10	6.90	Pass
VHT40	MCS0	4	102	5510	0.16	0.16	0.16	0.16	8.46	10.10	6.90	Pass
VHT40	MCS0	4	110	5550	0.16	0.16	0.16	0.16	8.26	10.10	6.90	Pass
VHT40	MCS0	4	134	5670	0.16	0.16	0.16	0.16	8.27	10.10	6.90	Pass
VHT80	MCS0	4	106	5530	0.32	0.32	0.32	0.32	3.85	10.10	6.90	Pass
VHT80	MCS0	4	122	5610	0.32	0.32	0.32	0.32	5.57	10.10	6.90	Pass
VHT160	MCS0	4	114	5570	0.58	0.56	0.58	0.58	2.00	10.10	6.90	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	144	5720	0.23	0.23	0.23	0.23	10.01	10.10	6.90	Pass
VHT20	MCS0	4	144	5720	0.08	0.08	0.08	0.08	9.86	10.10	6.90	Pass
VHT40	MCS0	4	142	5710	0.16	0.16	0.16	0.16	8.52	10.10	6.90	Pass
VHT80	MCS0	4	138	5690	0.32	0.32	0.32	0.32	5.43	10.10	6.90	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	4	36	5180	Full	19.21	19.30	19.30	18.88	25.20	30.00	1.30	Pass
HE20	MCS0	4	40	5200	Full	22.07	22.00	22.32	22.00	28.12	30.00	1.30	Pass
HE20	MCS0	4	44	5220	Full	22.50	22.48	23.00	22.15	28.56	30.00	1.30	Pass
HE20	MCS0	4	48	5240	Full	22.14	22.30	23.10	22.11	28.45	30.00	1.30	Pass
HE40	MCS0	4	38	5190	Full	17.99	17.89	17.81	17.89	23.92	30.00	1.30	Pass
HE40	MCS0	4	46	5230	Full	21.40	21.26	21.90	21.26	27.48	30.00	1.30	Pass
HE80	MCS0	4	42	5210	Full	17.35	17.30	17.40	17.22	23.34	30.00	1.30	Pass
HE160	MCS0	4	50	5250	Full	15.28	15.13	15.18	15.00	21.17	30.00	1.30	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HE20	MCS0	4	52	5260	Full	17.04	16.84	17.30	17.09	23.09	23.98	1.00	24.09	30.00	Pass
HE20	MCS0	4	60	5300	Full	17.23	16.85	17.25	17.08	23.13	23.98	1.00	24.13	30.00	Pass
HE20	MCS0	4	64	5320	Full	17.25	16.66	16.99	16.68	22.92	23.98	1.00	23.92	30.00	Pass
HE40	MCS0	4	54	5270	Full	17.79	17.56	17.82	17.65	23.73	23.98	1.00	24.73	30.00	Pass
HE40	MCS0	4	62	5310	Full	17.51	17.55	17.82	17.22	23.55	23.98	1.00	24.55	30.00	Pass
HE80	MCS0	4	58	5290	Full	17.09	16.95	17.18	16.90	23.05	23.98	1.00	24.05	30.00	Pass
HE160	MCS0	4	50	5250	Full	15.28	15.13	15.18	15.00	21.17	23.98	1.00	22.17	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	100	5500	Full	16.68	16.61	16.85	16.48	22.68	23.98	1.30	23.98	30.00	Pass
HE20	MCS0	4	116	5580	Full	16.57	16.21	16.73	16.35	22.49	23.98	1.30	23.79	30.00	Pass
HE20	MCS0	4	140	5700	Full	17.09	17.00	16.79	16.35	22.84	23.98	1.30	24.14	30.00	Pass
HE40	MCS0	4	102	5510	Full	18.04	17.69	17.79	17.42	23.76	23.98	1.30	25.06	30.00	Pass
HE40	MCS0	4	110	5550	Full	17.75	17.59	17.74	17.72	23.72	23.98	1.30	25.02	30.00	Pass
HE40	MCS0	4	134	5670	Full	17.60	17.20	17.55	17.58	23.51	23.98	1.30	24.81	30.00	Pass
HE80	MCS0	4	106	5530	Full	16.29	15.93	16.23	16.31	22.21	23.98	1.30	23.51	30.00	Pass
HE80	MCS0	4	122	5610	Full	17.59	17.47	17.76	18.12	23.76	23.98	1.30	25.06	30.00	Pass
HE160	MCS0	4	114	5570	Full	16.95	16.93	17.00	16.91	22.97	23.98	1.30	24.27	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant1	Ant2	Ant3	Ant4	SUM					
HE20	MCS0	4	144	5720	Full	16.94	16.59	16.62	16.22	22.62	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	30.00	Pass
HE40	MCS0	4	142	5710	Full	18.00	17.70	17.84	17.29	23.74	23.98	1.30	25.04	30.00	Pass
HE80	MCS0	4	138	5690	Full	17.88	17.65	17.60	17.74	23.74	23.98	1.30	25.04	30.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4
EHT20	MCS0	4	36	5180	Full	26.50	37.88	25.82	28.38	19.54	19.52	19.49	19.56	22.90
EHT20	MCS0	4	40	5200	Full	28.54	27.47	26.82	26.30	19.54	19.52	19.55	19.59	22.90
EHT20	MCS0	4	44	5220	Full	27.68	31.28	22.23	40.42	19.57	19.54	19.50	19.72	22.90
EHT20	MCS0	4	48	5240	Full	28.06	23.62	22.80	22.70	19.56	19.51	19.51	19.47	22.89
EHT40	MCS0	4	38	5190	Full	46.26	77.90	77.62	44.58	38.24	51.14	48.93	38.21	23.01
EHT40	MCS0	4	46	5230	Full	45.71	48.18	43.04	46.66	38.27	38.22	38.16	38.25	23.01
EHT80	MCS0	4	42	5210	Full	113.98	136.67	128.61	103.10	77.89	78.22	78.03	77.92	23.01
EHT160	MCS0	4	50	5250	Full	165.60	164.35	164.54	163.63	156.20	156.16	156.23	156.11	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
EHT20	MCS0	4	36	5180	Full	19.22	19.53	19.13	18.86	25.21	30.00	1.30	Pass
EHT20	MCS0	4	40	5200	Full	22.08	22.03	22.33	22.07	28.15	30.00	1.30	Pass
EHT20	MCS0	4	44	5220	Full	22.80	22.55	23.19	22.47	28.78	30.00	1.30	Pass
EHT20	MCS0	4	48	5240	Full	22.15	22.50	23.15	22.20	28.54	30.00	1.30	Pass
EHT40	MCS0	4	38	5190	Full	18.00	17.90	17.82	17.90	23.93	30.00	1.30	Pass
EHT40	MCS0	4	46	5230	Full	21.45	21.40	21.95	21.34	27.56	30.00	1.30	Pass
EHT80	MCS0	4	42	5210	Full	17.44	17.40	17.42	17.16	23.38	30.00	1.30	Pass
EHT80	MCS0	4	42	5210	Puncture20_1	16.38	16.24	16.45	15.89	22.27	30.00	1.30	Pass
EHT80	MCS0	4	42	5210	Puncture20_2	16.25	15.96	16.01	15.79	22.03	30.00	1.30	Pass
EHT80	MCS0	4	42	5210	Puncture20_4	14.95	15.23	15.14	15.10	21.13	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Full	15.19	15.08	15.11	15.24	21.18	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture20_1	13.80	13.60	13.88	13.71	19.77	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture20_4	14.40	14.16	14.10	13.93	20.17	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture20_8	14.45	14.34	14.58	14.31	20.44	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture40_1	13.18	12.90	13.50	13.10	19.20	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture40_2	14.30	13.75	13.80	13.61	19.89	30.00	1.30	Pass
EHT160	MCS0	4	50	5250	Puncture40_4	14.00	14.20	14.06	13.89	20.06	30.00	1.30	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)				Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4				
EHT20	MCS0	4	36	5180	Full	0.11	0.11	0.11	0.11	12.60	16.20	6.80	Pass
EHT20	MCS0	4	40	5200	Full	0.11	0.11	0.11	0.11	15.24	16.20	6.80	Pass
EHT20	MCS0	4	44	5220	Full	0.11	0.11	0.11	0.11	16.05	16.20	6.80	Pass
EHT20	MCS0	4	48	5240	Full	0.11	0.11	0.11	0.11	16.07	16.20	6.80	Pass
EHT40	MCS0	4	38	5190	Full	0.19	0.19	0.19	0.19	8.42	16.20	6.80	Pass
EHT40	MCS0	4	46	5230	Full	0.19	0.19	0.19	0.19	12.21	16.20	6.80	Pass
EHT80	MCS0	4	42	5210	Full	0.37	0.37	0.37	0.37	5.43	16.20	6.80	Pass
EHT80	MCS0	4	42	5210	Puncture20_1	0.27	0.27	0.27	0.27	5.42	16.20	6.80	Pass
EHT80	MCS0	4	42	5210	Puncture20_2	0.27	0.27	0.27	0.27	5.36	16.20	6.80	Pass
EHT80	MCS0	4	42	5210	Puncture20_4	0.27	0.27	0.27	0.27	4.45	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Full	0.59	0.59	0.59	0.59	0.77	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture20_1	0.55	0.55	0.55	0.55	0.00	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture20_4	0.55	0.55	0.55	0.55	0.54	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture20_8	0.55	0.55	0.55	0.55	0.54	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture40_1	0.48	0.48	0.48	0.48	0.03	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture40_2	0.48	0.48	0.48	0.48	0.70	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Puncture40_4	0.48	0.48	0.48	0.48	0.73	16.20	6.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	52	5260	Full	27.36	26.70	31.86	24.93	23.98	
EHT20	MCS0	4	60	5300	Full	25.86	24.33	25.96	26.20	23.98	
EHT20	MCS0	4	64	5320	Full	31.14	30.09	30.71	30.34	23.98	
EHT40	MCS0	4	54	5270	Full	47.25	43.58	46.00	46.35	23.98	
EHT40	MCS0	4	62	5310	Full	51.22	48.34	50.45	43.73	23.98	
EHT80	MCS0	4	58	5290	Full	92.16	93.57	87.90	87.46	23.98	
EHT160	MCS0	4	50	5250	Full	165.60	164.35	164.54	163.63	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
EHT20	MCS0	4	52	5260	Full	19.57	19.53	19.54	19.53	23.91	29.91			
EHT20	MCS0	4	60	5300	Full	19.58	19.50	19.54	19.55	23.90	29.90			
EHT20	MCS0	4	64	5320	Full	19.59	19.55	19.55	19.52	23.90	29.90			
EHT40	MCS0	4	54	5270	Full	38.25	38.26	38.26	38.23	23.98	30.00			
EHT40	MCS0	4	62	5310	Full	38.25	38.23	38.23	38.24	23.98	30.00			
EHT80	MCS0	4	58	5290	Full	77.88	77.84	77.89	77.81	23.98	30.00			
EHT160	MCS0	4	50	5250	Full	156.20	156.16	156.23	156.11	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4				
EHT20	MCS0	4	52	5260	Full	17.06	16.85	17.36	17.10	23.12	23.98	1.00	24.12	30.00	Pass
EHT20	MCS0	4	60	5300	Full	17.24	16.88	17.45	17.16	23.21	23.98	1.00	24.21	30.00	Pass
EHT20	MCS0	4	64	5320	Full	17.33	16.90	17.55	16.82	23.18	23.98	1.00	24.18	30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.80	17.60	17.84	17.66	23.75	23.98	1.00	24.75	30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.52	17.56	17.90	17.35	23.61	23.98	1.00	24.61	30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.29	17.02	17.16	16.83	23.10	23.98	1.00	24.10	30.00	Pass
EHT80	MCS0	4	58	5290	Puncture20_1	12.10	12.20	12.10	12.23	18.18	23.98	1.00	19.18	30.00	Pass
EHT80	MCS0	4	58	5290	Puncture20_2	15.85	15.55	15.60	15.17	21.57	23.98	1.00	22.57	30.00	Pass
EHT80	MCS0	4	58	5290	Puncture20_4	15.97	15.43	15.77	15.69	21.74	23.98	1.00	22.74	30.00	Pass
EHT160	MCS0	4	50	5250	Full	15.19	15.08	15.11	15.24	21.18	23.98	1.00	22.18	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture20_1	13.80	13.60	13.88	13.71	19.77	23.98	1.00	20.77	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture20_4	14.40	14.16	14.10	13.93	20.17	23.98	1.00	21.17	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture20_8	14.45	14.34	14.58	14.31	20.44	23.98	1.00	21.44	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture40_1	13.18	12.90	13.50	13.10	19.20	23.98	1.00	20.20	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture40_2	14.30	13.75	13.80	13.61	19.89	23.98	1.00	20.89	30.00	Pass
EHT160	MCS0	4	50	5250	Puncture40_4	14.00	14.20	14.06	13.89	20.06	23.98	1.00	21.06	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4				
EHT20	MCS0	4	52	5260	Full	0.11	0.11	0.11	0.11	10.68	10.90	6.10	Pass
EHT20	MCS0	4	60	5300	Full	0.11	0.11	0.11	0.11	10.71	10.90	6.10	Pass
EHT20	MCS0	4	64	5320	Full	0.11	0.11	0.11	0.11	10.77	10.90	6.10	Pass
EHT40	MCS0	4	54	5270	Full	0.19	0.19	0.19	0.19	8.49	10.90	6.10	Pass
EHT40	MCS0	4	62	5310	Full	0.19	0.19	0.19	0.19	8.30	10.90	6.10	Pass
EHT80	MCS0	4	58	5290	Full	0.37	0.37	0.37	0.37	5.03	10.90	6.10	Pass
EHT80	MCS0	4	58	5290	Puncture20_1	0.27	0.27	0.27	0.27	1.14	10.90	6.10	Pass
EHT80	MCS0	4	58	5290	Puncture20_2	0.27	0.27	0.27	0.27	4.84	10.90	6.10	Pass
EHT80	MCS0	4	58	5290	Puncture20_4	0.27	0.27	0.27	0.27	4.86	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Full	0.59	0.59	0.59	0.59	0.77	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture20_1	0.55	0.55	0.55	0.55	0.00	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture20_4	0.55	0.55	0.55	0.55	0.54	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture20_8	0.55	0.55	0.55	0.55	0.54	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture40_1	0.48	0.48	0.48	0.48	0.03	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture40_2	0.48	0.48	0.48	0.48	0.70	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Puncture40_4	0.48	0.48	0.48	0.48	0.73	10.90	6.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3
EHT20	MCS0	4	100	5500	Full	34.83	29.12	30.65	32.85	23.98	----	----	----	----
EHT20	MCS0	4	116	5580	Full	29.24	26.85	28.19	28.47	23.98	----	----	----	----
EHT20	MCS0	4	140	5700	Full	22.38	22.23	22.16	22.20	23.98	----	----	----	----
EHT40	MCS0	4	102	5510	Full	47.57	47.92	49.18	51.60	23.98	----	----	----	----
EHT40	MCS0	4	110	5550	Full	50.45	46.72	46.27	43.09	23.98	----	----	----	----
EHT40	MCS0	4	134	5670	Full	44.88	42.90	43.28	42.40	23.98	----	----	----	----
EHT80	MCS0	4	106	5530	Full	97.70	103.46	97.09	97.76	23.98	----	----	----	----
EHT80	MCS0	4	122	5610	Full	85.70	86.14	86.69	88.32	23.98	----	----	----	----
EHT160	MCS0	4	114	5570	Full	164.11	164.83	165.31	165.22	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
EHT20	MCS0	4	144	5720	Full	18.28	18.67	17.68	20.02	23.47	4.58	4.63	4.62	4.59
EHT40	MCS0	4	142	5710	Full	36.38	38.04	36.63	37.83	23.98	3.79	3.95	3.86	3.91
EHT80	MCS0	4	138	5690	Full	79.77	81.56	84.57	79.29	23.98	3.85	3.69	3.82	3.54

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4		
EHT20	MCS0	4	100	5500	Full	19.57	19.52	19.56	19.52	23.90	29.90		
EHT20	MCS0	4	116	5580	Full	19.57	19.57	19.61	19.52	23.91	29.91		
EHT20	MCS0	4	140	5700	Full	19.35	19.33	19.35	19.33	23.86	29.86		
EHT40	MCS0	4	102	5510	Full	38.26	38.28	38.26	38.25	23.98	30.00		
EHT40	MCS0	4	110	5550	Full	38.24	38.19	38.18	38.22	23.98	30.00		
EHT40	MCS0	4	134	5670	Full	38.20	38.17	38.16	38.21	23.98	30.00		
EHT80	MCS0	4	106	5530	Full	77.95	77.87	77.88	77.85	23.98	30.00		
EHT80	MCS0	4	122	5610	Full	77.86	77.88	77.88	77.84	23.98	30.00		
EHT160	MCS0	4	114	5570	Full	156.23	156.29	156.26	156.25	23.98	30.00		

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4		
EHT20	MCS0	4	144	5720	Full	14.76	14.74	14.71	14.73	22.68	28.68		
EHT40	MCS0	4	142	5710	Full	34.06	34.05	34.03	34.11	23.98	30.00		
EHT80	MCS0	4	138	5690	Full	73.95	73.87	73.92	73.86	23.98	30.00		

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
EHT20	MCS0	4	100	5500	Full	16.69	16.68	16.86	16.65	22.74	23.98	1.30	24.04	30.00	Pass
EHT20	MCS0	4	116	5580	Full	16.60	16.22	16.76	16.50	22.55	23.98	1.30	23.85	30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.20	17.02	16.80	16.36	22.88	23.98	1.30	24.18	30.00	Pass
EHT40	MCS0	4	102	5510	Full	18.05	17.85	18.13	17.43	23.89	23.98	1.30	25.19	30.00	Pass
EHT40	MCS0	4	110	5550	Full	17.76	17.75	17.75	17.90	23.81	23.98	1.30	25.11	30.00	Pass
EHT40	MCS0	4	134	5670	Full	17.62	17.30	17.64	17.75	23.60	23.98	1.30	24.90	30.00	Pass
EHT80	MCS0	4	106	5530	Full	16.50	16.18	16.15	16.28	22.30	23.98	1.30	23.60	30.00	Pass
EHT80	MCS0	4	106	5530	Puncture20_1	15.03	14.70	14.70	15.10	20.91	23.98	1.30	22.21	30.00	Pass
EHT80	MCS0	4	106	5530	Puncture20_2	14.84	14.50	14.62	14.92	20.74	23.98	1.30	22.04	30.00	Pass
EHT80	MCS0	4	106	5530	Puncture20_4	15.20	14.83	14.80	14.98	20.98	23.98	1.30	22.28	30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.60	17.48	17.85	18.15	23.80	23.98	1.30	25.10	30.00	Pass
EHT80	MCS0	4	122	5610	Puncture20_1	16.10	16.29	16.57	16.74	22.45	23.98	1.30	23.75	30.00	Pass
EHT80	MCS0	4	122	5610	Puncture20_2	15.90	16.10	16.29	16.40	22.20	23.98	1.30	23.50	30.00	Pass
EHT80	MCS0	4	122	5610	Puncture20_4	16.10	16.29	16.28	16.65	22.36	23.98	1.30	23.66	30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.95	16.82	17.04	17.07	22.99	23.98	1.30	24.29	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture20_1	16.50	16.00	16.35	16.57	22.38	23.98	1.30	23.68	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture20_4	16.57	16.28	16.53	16.44	22.48	23.98	1.30	23.78	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture20_8	16.60	16.35	16.56	16.49	22.52	23.98	1.30	23.82	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture40_1	15.20	15.45	15.66	15.17	21.40	23.98	1.30	22.70	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture40_2	16.03	15.62	15.90	15.60	21.81	23.98	1.30	23.11	30.00	Pass
EHT160	MCS0	4	114	5570	Puncture40_4	14.65	14.40	14.85	14.95	20.74	23.98	1.30	22.04	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
EHT20	MCS0	4	144	5720	Full	16.95	16.60	16.65	16.22	22.63	23.47	1.30	23.93	30.00	Pass
EHT40	MCS0	4	142	5710	Full	18.00	17.75	17.85	17.30	23.75	23.98	1.30	25.05	30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.90	17.67	17.62	17.75	23.76	23.98	1.30	25.06	30.00	Pass
EHT80	MCS0	4	138	5690	Puncture20_1	16.80	16.42	16.09	16.50	22.48	23.98	1.30	23.78	30.00	Pass
EHT80	MCS0	4	138	5690	Puncture20_2	16.74	16.65	16.34	16.30	22.53	23.98	1.30	23.83	30.00	Pass
EHT80	MCS0	4	138	5690	Puncture20_4	16.52	16.34	16.00	16.41	22.34	23.98	1.30	23.64	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4				
EHT20	MCS0	4	100	5500	Full	0.11	0.11	0.11	0.11	10.04	10.10	6.90	Pass
EHT20	MCS0	4	116	5580	Full	0.11	0.11	0.11	0.11	10.01	10.10	6.90	Pass
EHT20	MCS0	4	140	5700	Full	0.11	0.11	0.11	0.11	10.04	10.10	6.90	Pass
EHT40	MCS0	4	102	5510	Full	0.19	0.19	0.19	0.19	8.54	10.10	6.90	Pass
EHT40	MCS0	4	110	5550	Full	0.19	0.19	0.19	0.19	8.26	10.10	6.90	Pass
EHT40	MCS0	4	134	5670	Full	0.19	0.19	0.19	0.19	8.04	10.10	6.90	Pass
EHT80	MCS0	4	106	5530	Full	0.37	0.37	0.37	0.37	4.18	10.10	6.90	Pass
EHT80	MCS0	4	106	5530	Puncture20_1	0.27	0.27	0.27	0.27	3.95	10.10	6.90	Pass
EHT80	MCS0	4	106	5530	Puncture20_2	0.27	0.27	0.27	0.27	3.94	10.10	6.90	Pass
EHT80	MCS0	4	106	5530	Puncture20_4	0.27	0.27	0.27	0.27	4.05	10.10	6.90	Pass
EHT80	MCS0	4	122	5610	Full	0.37	0.37	0.37	0.37	5.66	10.10	6.90	Pass
EHT80	MCS0	4	122	5610	Puncture20_1	0.27	0.27	0.27	0.27	5.35	10.10	6.90	Pass
EHT80	MCS0	4	122	5610	Puncture20_2	0.27	0.27	0.27	0.27	5.24	10.10	6.90	Pass
EHT80	MCS0	4	122	5610	Puncture20_4	0.27	0.27	0.27	0.27	5.30	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Full	0.59	0.59	0.59	0.59	2.42	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture20_1	0.55	0.55	0.55	0.55	2.23	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture20_4	0.55	0.55	0.55	0.55	2.24	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture20_8	0.55	0.55	0.55	0.55	2.35	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture40_1	0.48	0.48	0.48	0.48	1.79	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture40_2	0.48	0.48	0.48	0.48	2.38	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Puncture40_4	0.48	0.48	0.48	0.48	0.99	10.10	6.90	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)				Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4				
EHT20	MCS0	4	144	5720	Full	0.11	0.11	0.11	0.11	10.02	10.10	6.90	Pass
EHT40	MCS0	4	142	5710	Full	0.19	0.19	0.19	0.19	8.36	10.10	6.90	Pass
EHT80	MCS0	4	138	5690	Full	0.37	0.37	0.37	0.37	5.54	10.10	6.90	Pass
EHT80	MCS0	4	138	5690	Puncture20_1	0.27	0.27	0.27	0.27	5.39	10.10	6.90	Pass
EHT80	MCS0	4	138	5690	Puncture20_2	0.27	0.27	0.27	0.27	5.43	10.10	6.90	Pass
EHT80	MCS0	4	138	5690	Puncture20_4	0.27	0.27	0.27	0.27	5.32	10.10	6.90	Pass

<TXBF Mode>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4
VHT20	MCS0	4	36	5180	28.77	27.33	25.02	32.55	18.92	18.98	18.81	19.16	22.74
VHT20	MCS0	4	40	5200	27.82	27.16	27.72	28.47	18.77	18.95	18.84	19.22	22.74
VHT20	MCS0	4	44	5220	26.98	25.28	26.23	33.98	18.90	18.87	18.86	19.16	22.75
VHT20	MCS0	4	48	5240	24.54	28.99	26.43	29.51	18.93	18.94	18.83	19.15	22.75
VHT40	MCS0	4	38	5190	57.39	54.40	52.03	57.23	37.18	37.10	37.18	37.35	23.01
VHT40	MCS0	4	46	5230	51.87	48.16	47.44	59.25	37.10	37.12	37.26	37.25	23.01
VHT80	MCS0	4	42	5210	93.31	84.61	89.89	89.66	76.77	76.81	76.62	76.81	23.01
VHT160	MCS0	4	50	5250	166.32	163.34	164.21	163.39	155.51	155.50	155.53	155.52	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HT20	MCS0	4	36	5180	19.56	19.68	19.58	19.41	25.58	29.20	6.80	Pass
HT20	MCS0	4	40	5200	19.30	19.67	19.84	19.85	25.69	29.20	6.80	Pass
HT20	MCS0	4	44	5220	19.71	19.80	20.30	19.72	25.91	29.20	6.80	Pass
HT20	MCS0	4	48	5240	19.90	20.13	20.65	19.99	26.20	29.20	6.80	Pass
HT40	MCS0	4	38	5190	17.70	18.18	18.01	17.88	23.97	29.20	6.80	Pass
HT40	MCS0	4	46	5230	21.25	21.20	21.78	21.18	27.38	29.20	6.80	Pass
VHT20	MCS0	4	36	5180	19.78	20.12	19.90	19.63	25.88	29.20	6.80	Pass
VHT20	MCS0	4	40	5200	19.66	19.94	20.15	20.11	25.99	29.20	6.80	Pass
VHT20	MCS0	4	44	5220	19.76	20.09	20.48	20.07	26.13	29.20	6.80	Pass
VHT20	MCS0	4	48	5240	20.00	20.29	20.80	20.00	26.31	29.20	6.80	Pass
VHT40	MCS0	4	38	5190	17.83	18.20	17.96	17.95	24.01	29.20	6.80	Pass
VHT40	MCS0	4	46	5230	21.32	21.34	21.91	21.27	27.49	29.20	6.80	Pass
VHT80	MCS0	4	42	5210	17.01	17.35	17.28	16.96	23.17	29.20	6.80	Pass
VHT160	MCS0	4	50	5250	17.52	17.87	17.70	17.25	23.61	29.20	6.80	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	36	5180	14.44	16.20	6.80	Pass
VHT20	MCS0	4	40	5200	14.49	16.20	6.80	Pass
VHT20	MCS0	4	44	5220	14.67	16.20	6.80	Pass
VHT20	MCS0	4	48	5240	14.97	16.20	6.80	Pass
VHT40	MCS0	4	38	5190	11.90	16.20	6.80	Pass
VHT40	MCS0	4	46	5230	15.30	16.20	6.80	Pass
VHT80	MCS0	4	42	5210	11.10	16.20	6.80	Pass
VHT160	MCS0	4	50	5250	10.50	16.20	6.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 1	Ant 2	Ant 3	Ant 4		
VHT20	MCS0	4	52	5260	27.52	27.61	26.74	29.15	23.98	
VHT20	MCS0	4	60	5300	26.45	28.10	24.54	28.70	23.98	
VHT20	MCS0	4	64	5320	26.58	27.38	29.81	32.46	23.98	
VHT40	MCS0	4	54	5270	45.84	51.10	51.47	51.50	23.98	
VHT40	MCS0	4	62	5310	60.56	55.71	60.91	54.85	23.98	
VHT80	MCS0	4	58	5290	89.82	86.02	84.03	86.30	23.98	
VHT160	MCS0	4	50	5250	166.32	163.34	164.21	163.39	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4			
VHT20	MCS0	4	52	5260	18.88	18.85	18.72	19.22	23.72	29.72			
VHT20	MCS0	4	60	5300	18.99	19.03	18.88	19.27	23.76	29.76			
VHT20	MCS0	4	64	5320	18.88	18.89	18.70	19.23	23.72	29.72			
VHT40	MCS0	4	54	5270	37.08	37.23	37.20	37.24	23.98	30.00			
VHT40	MCS0	4	62	5310	37.33	37.11	37.19	37.41	23.98	30.00			
VHT80	MCS0	4	58	5290	76.61	76.69	76.75	76.78	23.98	30.00			
VHT160	MCS0	4	50	5250	155.51	155.50	155.53	155.52	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	4	52	5260	13.95	13.85	14.56	14.42	20.23	23.88	6.10	26.33	30.00	Pass
HT20	MCS0	4	60	5300	13.57	13.80	14.23	14.00	19.93	23.88	6.10	26.03	30.00	Pass
HT20	MCS0	4	64	5320	13.95	14.00	14.25	13.89	20.05	23.88	6.10	26.15	30.00	Pass
HT40	MCS0	4	54	5270	16.03	15.80	16.12	15.96	22.00	23.88	6.10	28.10	30.00	Pass
HT40	MCS0	4	62	5310	15.90	15.83	16.13	15.85	21.95	23.88	6.10	28.05	30.00	Pass
VHT20	MCS0	4	52	5260	14.29	14.39	14.80	14.70	20.57	23.88	6.10	26.67	30.00	Pass
VHT20	MCS0	4	60	5300	13.94	14.20	14.53	14.14	20.23	23.88	6.10	26.33	30.00	Pass
VHT20	MCS0	4	64	5320	14.12	14.38	14.28	13.90	20.19	23.88	6.10	26.29	30.00	Pass
VHT40	MCS0	4	54	5270	16.10	16.03	16.30	16.10	22.15	23.88	6.10	28.25	30.00	Pass
VHT40	MCS0	4	62	5310	15.99	16.05	16.21	15.87	22.05	23.88	6.10	28.15	30.00	Pass
VHT80	MCS0	4	58	5290	16.56	16.86	16.71	16.65	22.72	23.88	6.10	28.82	30.00	Pass
VHT160	MCS0	4	50	5250	17.52	17.87	17.70	17.25	23.61	23.88	6.10	29.71	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	52	5260	8.95	10.90	6.10	Pass
VHT20	MCS0	4	60	5300	8.88	10.90	6.10	Pass
VHT20	MCS0	4	64	5320	8.74	10.90	6.10	Pass
VHT40	MCS0	4	54	5270	9.90	10.90	6.10	Pass
VHT40	MCS0	4	62	5310	9.90	10.90	6.10	Pass
VHT80	MCS0	4	58	5290	10.76	10.90	6.10	Pass
VHT160	MCS0	4	50	5250	10.50	10.90	6.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3
VHT20	MCS0	4	100	5500	28.11	30.64	27.69	32.17	23.98	----	----	----	----
VHT20	MCS0	4	116	5580	28.86	30.14	25.34	32.53	23.98	----	----	----	----
VHT20	MCS0	4	140	5700	22.06	22.17	21.83	22.46	23.98	----	----	----	----
VHT40	MCS0	4	102	5510	48.43	60.10	56.34	55.87	23.98	----	----	----	----
VHT40	MCS0	4	110	5550	52.14	47.33	43.94	46.22	23.98	----	----	----	----
VHT40	MCS0	4	134	5670	46.05	44.82	54.37	50.48	23.98	----	----	----	----
VHT80	MCS0	4	106	5530	84.35	87.17	91.04	85.82	23.98	----	----	----	----
VHT80	MCS0	4	122	5610	83.39	83.26	83.97	84.16	23.98	----	----	----	----
VHT160	MCS0	4	114	5570	164.93	165.94	162.77	164.64	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3
VHT20	MCS0	4	144	5720	18.39	18.31	17.50	21.18	23.43	3.81	3.80	3.81	3.82
VHT40	MCS0	4	142	5710	41.06	39.77	46.30	40.52	23.98	2.58	2.59	3.21	3.21
VHT80	MCS0	4	138	5690	77.62	79.86	77.24	79.74	23.98	3.16	2.60	2.92	2.58

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	100	5500	18.84	18.93	18.73	19.20	23.73	29.73	
VHT20	MCS0	4	116	5580	18.81	18.84	18.89	19.12	23.74	29.74	
VHT20	MCS0	4	140	5700	18.63	18.42	18.30	18.81	23.63	29.63	
VHT40	MCS0	4	102	5510	37.13	37.36	37.14	37.23	23.98	30.00	
VHT40	MCS0	4	110	5550	37.12	37.04	37.08	37.31	23.98	30.00	
VHT40	MCS0	4	134	5670	37.26	37.17	37.06	37.25	23.98	30.00	
VHT80	MCS0	4	106	5530	76.59	76.70	76.67	76.72	23.98	30.00	
VHT80	MCS0	4	122	5610	76.64	76.68	76.51	76.77	23.98	30.00	
VHT160	MCS0	4	114	5570	155.38	155.57	155.41	155.68	23.98	30.00	

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	144	5720	14.48	14.39	14.34	14.56	22.56	28.56	
VHT40	MCS0	4	142	5710	33.57	33.56	33.51	33.64	23.98	30.00	
VHT80	MCS0	4	138	5690	73.47	73.53	73.48	73.61	23.98	30.00	

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	4	100	5500	13.93	13.94	13.95	13.73	19.91	23.08	6.90	26.81	30.00	Pass
HT20	MCS0	4	116	5580	13.67	13.65	14.00	13.87	19.82	23.08	6.90	26.72	30.00	Pass
HT20	MCS0	4	140	5700	14.15	14.25	14.26	14.41	20.29	23.08	6.90	27.19	30.00	Pass
HT40	MCS0	4	102	5510	15.55	15.97	15.83	15.48	21.73	23.08	6.90	28.63	30.00	Pass
HT40	MCS0	4	110	5550	15.30	15.62	15.50	15.43	21.48	23.08	6.90	28.38	30.00	Pass
HT40	MCS0	4	134	5670	15.28	15.05	15.60	15.31	21.34	23.08	6.90	28.24	30.00	Pass
VHT20	MCS0	4	100	5500	13.98	14.28	14.36	13.74	20.12	23.08	6.90	27.02	30.00	Pass
VHT20	MCS0	4	116	5580	13.75	13.88	14.29	13.88	19.98	23.08	6.90	26.88	30.00	Pass
VHT20	MCS0	4	140	5700	14.40	14.53	14.58	14.55	20.54	23.08	6.90	27.44	30.00	Pass
VHT40	MCS0	4	102	5510	15.70	16.06	15.84	15.56	21.81	23.08	6.90	28.71	30.00	Pass
VHT40	MCS0	4	110	5550	15.35	15.75	15.70	15.45	21.59	23.08	6.90	28.49	30.00	Pass
VHT40	MCS0	4	134	5670	15.42	15.34	15.61	15.38	21.46	23.08	6.90	28.36	30.00	Pass
VHT80	MCS0	4	106	5530	15.59	16.05	16.00	15.70	21.86	23.08	6.90	28.76	30.00	Pass
VHT80	MCS0	4	122	5610	15.30	15.38	15.68	16.00	21.62	23.08	6.90	28.52	30.00	Pass
VHT160	MCS0	4	114	5570	15.56	15.71	16.11	15.89	21.84	23.08	6.90	28.74	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	4	144	5720	13.53	13.80	13.56	13.60	19.64	22.53	6.90	26.54	30.00	Pass
HT40	MCS0	4	142	5710	15.57	15.25	15.68	15.40	21.50	23.08	6.90	28.40	30.00	Pass
VHT20	MCS0	4	144	5720	13.94	14.25	13.80	13.84	19.98	22.53	6.90	26.88	30.00	Pass
VHT40	MCS0	4	142	5710	15.70	15.85	15.68	15.48	21.70	23.08	6.90	28.60	30.00	Pass
VHT80	MCS0	4	138	5690	15.77	15.84	15.65	15.80	21.79	23.08	6.90	28.69	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	100	5500	8.59	10.10	6.90	Pass
VHT20	MCS0	4	116	5580	8.64	10.10	6.90	Pass
VHT20	MCS0	4	140	5700	9.11	10.10	6.90	Pass
VHT40	MCS0	4	102	5510	9.83	10.10	6.90	Pass
VHT40	MCS0	4	110	5550	9.32	10.10	6.90	Pass
VHT40	MCS0	4	134	5670	9.12	10.10	6.90	Pass
VHT80	MCS0	4	106	5530	9.90	10.10	6.90	Pass
VHT80	MCS0	4	122	5610	9.96	10.10	6.90	Pass
VHT160	MCS0	4	114	5570	9.49	10.10	6.90	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
VHT20	MCS0	4	144	5720	8.46	10.10	6.90	Pass
VHT40	MCS0	4	142	5710	9.50	10.10	6.90	Pass
VHT80	MCS0	4	138	5690	9.88	10.10	6.90	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	4	36	5180	Full	19.80	20.39	20.00	19.72	26.01	29.20	6.80	Pass
HE20	MCS0	4	40	5200	Full	19.67	19.92	20.29	20.13	26.03	29.20	6.80	Pass
HE20	MCS0	4	44	5220	Full	19.70	20.06	20.35	19.94	26.04	29.20	6.80	Pass
HE20	MCS0	4	48	5240	Full	20.05	20.40	20.91	20.10	26.40	29.20	6.80	Pass
HE40	MCS0	4	38	5190	Full	17.83	18.20	17.75	17.87	23.94	29.20	6.80	Pass
HE40	MCS0	4	46	5230	Full	21.34	21.53	21.93	21.28	27.55	29.20	6.80	Pass
HE80	MCS0	4	42	5210	Full	16.95	17.35	17.28	16.95	23.16	29.20	6.80	Pass
HE160	MCS0	4	50	5250	Full	17.80	17.80	17.70	17.49	23.72	29.20	6.80	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HE20	MCS0	4	52	5260	Full	14.21	14.33	14.70	14.70	20.51	23.88	6.10	26.61	30.00	Pass
HE20	MCS0	4	60	5300	Full	14.08	14.33	14.52	14.10	20.28	23.88	6.10	26.38	30.00	Pass
HE20	MCS0	4	64	5320	Full	14.39	14.58	14.49	13.90	20.37	23.88	6.10	26.47	30.00	Pass
HE40	MCS0	4	54	5270	Full	16.21	16.16	16.35	16.23	22.26	23.88	6.10	28.36	30.00	Pass
HE40	MCS0	4	62	5310	Full	16.28	16.59	16.26	15.89	22.28	23.88	6.10	28.38	30.00	Pass
HE80	MCS0	4	58	5290	Full	16.65	16.94	16.74	16.80	22.80	23.88	6.10	28.90	30.00	Pass
HE160	MCS0	4	50	5250	Full	17.80	17.80	17.70	17.49	23.72	23.88	6.10	29.82	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	100	5500	Full	14.00	14.02	14.03	13.80	19.98	23.08	6.90	26.88	30.00	Pass
HE20	MCS0	4	116	5580	Full	13.90	14.08	14.26	13.94	20.07	23.08	6.90	26.97	30.00	Pass
HE20	MCS0	4	140	5700	Full	14.55	14.69	14.48	14.55	20.59	23.08	6.90	27.49	30.00	Pass
HE40	MCS0	4	102	5510	Full	16.00	16.07	15.85	15.80	21.95	23.08	6.90	28.85	30.00	Pass
HE40	MCS0	4	110	5550	Full	15.60	15.90	15.75	15.58	21.73	23.08	6.90	28.63	30.00	Pass
HE40	MCS0	4	134	5670	Full	15.52	15.53	15.70	15.51	21.59	23.08	6.90	28.49	30.00	Pass
HE80	MCS0	4	106	5530	Full	15.84	15.98	15.92	15.89	21.93	23.08	6.90	28.83	30.00	Pass
HE80	MCS0	4	122	5610	Full	15.50	15.67	15.77	15.96	21.75	23.08	6.90	28.65	30.00	Pass
HE160	MCS0	4	114	5570	Full	15.78	15.94	16.11	15.99	21.98	23.08	6.90	28.88	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	144	5720	Full	14.03	14.34	13.97	13.75	20.05	22.12	6.90	26.95	30.00	Pass
HE40	MCS0	4	142	5710	Full	15.90	16.02	15.70	15.50	21.81	23.08	6.90	28.71	30.00	Pass
HE80	MCS0	4	138	5690	Full	15.95	16.01	15.78	15.72	21.89	23.08	6.90	28.79	30.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4
EHT20	MCS0	4	36	5180	Full	24.38	23.76	21.95	22.26	19.77	19.45	19.01	18.99	22.79
EHT20	MCS0	4	40	5200	Full	21.83	24.52	25.27	23.54	18.94	19.57	19.64	19.44	22.77
EHT20	MCS0	4	44	5220	Full	21.74	22.20	22.19	26.51	18.99	19.32	19.81	19.66	22.78
EHT20	MCS0	4	48	5240	Full	23.43	22.14	25.03	21.84	19.47	19.50	19.57	19.37	22.87
EHT40	MCS0	4	38	5190	Full	42.61	42.51	41.39	44.72	37.74	38.11	37.95	38.46	23.01
EHT40	MCS0	4	46	5230	Full	42.67	55.23	41.87	42.24	37.56	37.96	38.56	38.31	23.01
EHT80	MCS0	4	42	5210	Full	87.68	84.45	84.10	82.78	77.27	78.56	77.81	77.81	23.01
EHT160	MCS0	4	50	5250	Full	162.82	163.58	162.72	163.15	156.25	156.50	156.84	156.02	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
EHT20	MCS0	4	36	5180	Full	19.89	20.40	20.02	19.70	26.03	29.20	6.80	Pass
EHT20	MCS0	4	40	5200	Full	19.68	19.95	20.30	20.15	26.05	29.20	6.80	Pass
EHT20	MCS0	4	44	5220	Full	19.94	20.10	20.50	20.10	26.19	29.20	6.80	Pass
EHT20	MCS0	4	48	5240	Full	20.35	20.30	21.00	20.20	26.49	29.20	6.80	Pass
EHT40	MCS0	4	38	5190	Full	17.84	18.21	17.97	18.00	24.03	29.20	6.80	Pass
EHT40	MCS0	4	46	5230	Full	21.35	21.54	21.94	21.33	27.57	29.20	6.80	Pass
EHT80	MCS0	4	42	5210	Full	17.02	17.36	17.29	17.02	23.20	29.20	6.80	Pass
EHT160	MCS0	4	50	5250	Full	17.90	17.80	17.70	17.50	23.75	29.20	6.80	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	36	5180	Full	16.07	16.20	6.80	Pass
EHT20	MCS0	4	40	5200	Full	15.99	16.20	6.80	Pass
EHT20	MCS0	4	44	5220	Full	16.02	16.20	6.80	Pass
EHT20	MCS0	4	48	5240	Full	16.01	16.20	6.80	Pass
EHT40	MCS0	4	38	5190	Full	12.61	16.20	6.80	Pass
EHT40	MCS0	4	46	5230	Full	16.16	16.20	6.80	Pass
EHT80	MCS0	4	42	5210	Full	11.02	16.20	6.80	Pass
EHT160	MCS0	4	50	5250	Full	10.88	16.20	6.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	52	5260	Full	22.57	22.42	24.86	28.16	23.98	
EHT20	MCS0	4	60	5300	Full	24.14	22.38	22.05	21.85	23.98	
EHT20	MCS0	4	64	5320	Full	25.31	24.46	26.97	22.12	23.98	
EHT40	MCS0	4	54	5270	Full	51.39	41.42	44.22	41.65	23.98	
EHT40	MCS0	4	62	5310	Full	50.14	41.94	45.25	44.13	23.98	
EHT80	MCS0	4	58	5290	Full	83.23	89.02	89.89	91.26	23.98	
EHT160	MCS0	4	50	5250	Full	162.82	163.58	162.72	163.15	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3
EHT20	MCS0	4	52	5260	Full	19.58	19.38	19.54	19.44	23.87	29.87		
EHT20	MCS0	4	60	5300	Full	19.15	19.29	19.33	19.15	23.82	29.82		
EHT20	MCS0	4	64	5320	Full	19.43	19.27	19.67	19.54	23.85	29.85		
EHT40	MCS0	4	54	5270	Full	37.81	38.28	37.98	37.92	23.98	30.00		
EHT40	MCS0	4	62	5310	Full	38.45	37.63	37.84	37.14	23.98	30.00		
EHT80	MCS0	4	58	5290	Full	77.52	77.78	78.20	77.56	23.98	30.00		
EHT160	MCS0	4	50	5250	Full	156.25	156.50	156.84	156.02	23.98	30.00		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
EHT20	MCS0	4	52	5260	Full	14.30	14.40	14.90	14.70	20.60	23.88	6.10	26.70	30.00	Pass
EHT20	MCS0	4	60	5300	Full	14.18	14.34	14.54	14.15	20.33	23.88	6.10	26.43	30.00	Pass
EHT20	MCS0	4	64	5320	Full	14.40	14.60	14.50	13.90	20.38	23.88	6.10	26.48	30.00	Pass
EHT40	MCS0	4	54	5270	Full	16.45	16.18	16.40	16.24	22.34	23.88	6.10	28.44	30.00	Pass
EHT40	MCS0	4	62	5310	Full	16.40	16.60	16.35	16.00	22.36	23.88	6.10	28.46	30.00	Pass
EHT80	MCS0	4	58	5290	Full	16.70	17.00	16.80	16.80	22.85	23.88	6.10	28.95	30.00	Pass
EHT160	MCS0	4	50	5250	Full	17.90	17.80	17.70	17.50	23.75	23.88	6.10	29.85	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	52	5260	Full	10.61	10.90	6.10	Pass
EHT20	MCS0	4	60	5300	Full	10.62	10.90	6.10	Pass
EHT20	MCS0	4	64	5320	Full	10.85	10.90	6.10	Pass
EHT40	MCS0	4	54	5270	Full	10.70	10.90	6.10	Pass
EHT40	MCS0	4	62	5310	Full	10.86	10.90	6.10	Pass
EHT80	MCS0	4	58	5290	Full	10.79	10.90	6.10	Pass
EHT160	MCS0	4	50	5250	Full	10.88	10.90	6.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
EHT20	MCS0	4	100	5500	Full	23.17	23.73	26.79	26.10	23.98	----	----	----	----
EHT20	MCS0	4	116	5580	Full	21.84	23.39	23.89	23.46	23.98	----	----	----	----
EHT20	MCS0	4	140	5700	Full	21.92	22.07	22.21	21.92	23.98	----	----	----	----
EHT40	MCS0	4	102	5510	Full	40.99	54.16	52.78	41.92	23.98	----	----	----	----
EHT40	MCS0	4	110	5550	Full	40.98	50.72	42.88	45.02	23.98	----	----	----	----
EHT40	MCS0	4	134	5670	Full	41.49	41.62	43.14	41.97	23.98	----	----	----	----
EHT80	MCS0	4	106	5530	Full	87.07	88.35	83.87	85.22	23.98	----	----	----	----
EHT80	MCS0	4	122	5610	Full	83.04	83.14	86.82	88.70	23.98	----	----	----	----
EHT160	MCS0	4	114	5570	Full	164.69	170.26	170.74	165.84	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
EHT20	MCS0	4	144	5720	Full	15.90	15.96	18.45	16.26	23.02	4.62	4.59	3.85	4.33
EHT40	MCS0	4	142	5710	Full	36.68	35.59	37.56	36.20	23.98	3.97	4.03	2.59	2.59
EHT80	MCS0	4	138	5690	Full	81.85	79.19	82.39	77.40	23.98	4.09	3.27	2.58	2.60

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4		
EHT20	MCS0	4	100	5500	Full	19.30	19.06	19.75	19.72	23.80	29.80		
EHT20	MCS0	4	116	5580	Full	19.45	19.55	19.42	19.53	23.88	29.88		
EHT20	MCS0	4	140	5700	Full	19.24	19.38	19.45	19.13	23.82	29.82		
EHT40	MCS0	4	102	5510	Full	38.43	38.30	37.87	37.78	23.98	30.00		
EHT40	MCS0	4	110	5550	Full	38.05	38.01	38.15	38.32	23.98	30.00		
EHT40	MCS0	4	134	5670	Full	38.01	38.29	38.04	38.11	23.98	30.00		
EHT80	MCS0	4	106	5530	Full	77.12	78.08	77.27	76.94	23.98	30.00		
EHT80	MCS0	4	122	5610	Full	78.11	78.07	77.33	77.48	23.98	30.00		
EHT160	MCS0	4	114	5570	Full	156.59	155.45	156.04	157.34	23.98	30.00		

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4		Ant 1 + 2 + 3 + 4		
EHT20	MCS0	4	144	5720	Full	14.71	14.40	14.01	14.81	22.47	28.47		
EHT40	MCS0	4	142	5710	Full	34.21	34.10	33.85	34.06	23.98	30.00		
EHT80	MCS0	4	138	5690	Full	73.33	74.37	73.93	73.46	23.98	30.00		

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
EHT20	MCS0	4	100	5500	Full	14.00	14.29	14.45	13.75	20.15	23.08	6.90	27.05	30.00	Pass
EHT20	MCS0	4	116	5580	Full	13.98	14.21	14.30	13.88	20.12	23.08	6.90	27.02	30.00	Pass
EHT20	MCS0	4	140	5700	Full	14.60	14.70	14.60	14.72	20.68	23.08	6.90	27.58	30.00	Pass
EHT40	MCS0	4	102	5510	Full	16.10	16.08	15.90	15.80	21.99	23.08	6.90	28.89	30.00	Pass
EHT40	MCS0	4	110	5550	Full	15.60	15.90	15.78	15.60	21.74	23.08	6.90	28.64	30.00	Pass
EHT40	MCS0	4	134	5670	Full	15.52	15.65	15.70	15.51	21.62	23.08	6.90	28.52	30.00	Pass
EHT80	MCS0	4	106	5530	Full	15.77	15.90	16.00	16.00	21.94	23.08	6.90	28.84	30.00	Pass
EHT80	MCS0	4	122	5610	Full	15.60	15.58	15.80	16.00	21.77	23.08	6.90	28.67	30.00	Pass
EHT160	MCS0	4	114	5570	Full	15.75	16.05	16.20	15.96	22.01	23.08	6.90	28.91	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
EHT20	MCS0	4	144	5720	Full	14.06	14.35	13.99	13.85	20.09	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	30.00	Pass
EHT40	MCS0	4	142	5710	Full	16.10	16.12	15.70	15.50	21.88	23.08	6.90	28.78	30.00	Pass
EHT80	MCS0	4	138	5690	Full	16.00	15.99	15.60	15.90	21.90	23.08	6.90	28.80	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	100	5500	Full	9.95	10.10	6.90	Pass
EHT20	MCS0	4	116	5580	Full	10.01	10.10	6.90	Pass
EHT20	MCS0	4	140	5700	Full	10.03	10.10	6.90	Pass
EHT40	MCS0	4	102	5510	Full	9.87	10.10	6.90	Pass
EHT40	MCS0	4	110	5550	Full	9.90	10.10	6.90	Pass
EHT40	MCS0	4	134	5670	Full	9.85	10.10	6.90	Pass
EHT80	MCS0	4	106	5530	Full	10.09	10.10	6.90	Pass
EHT80	MCS0	4	122	5610	Full	9.98	10.10	6.90	Pass
EHT160	MCS0	4	114	5570	Full	9.92	10.10	6.90	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
EHT20	MCS0	4	144	5720	Full	9.83	10.10	6.90	Pass
EHT40	MCS0	4	142	5710	Full	9.83	10.10	6.90	Pass
EHT80	MCS0	4	138	5690	Full	9.88	10.10	6.90	Pass

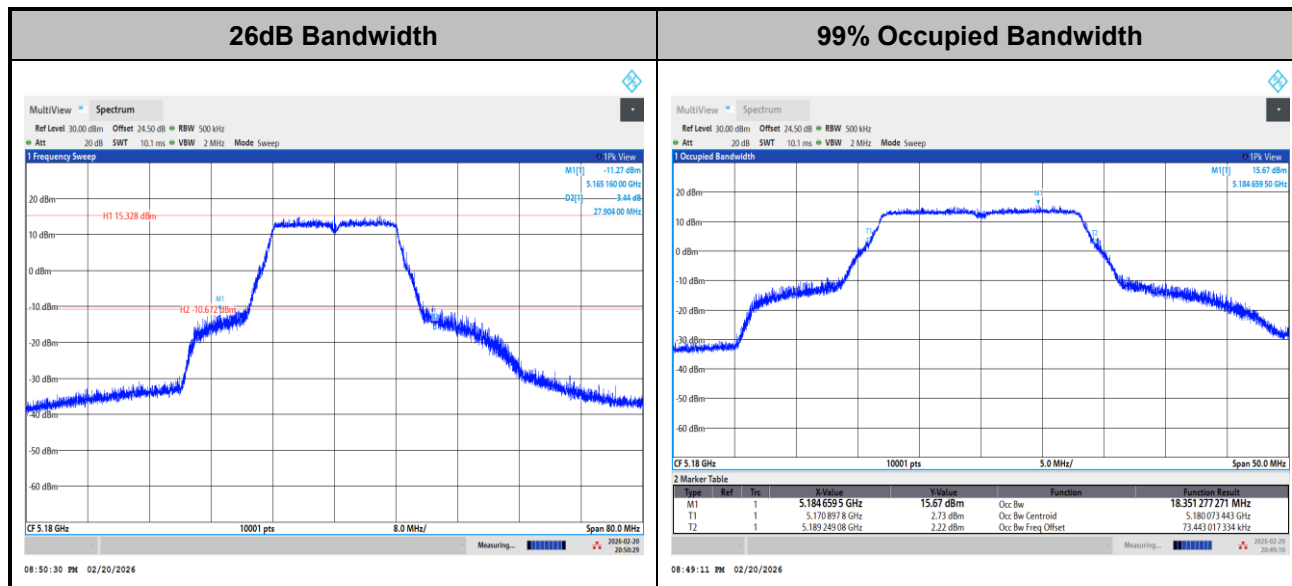


<CDD Mode>

Test Result of 26dB & 99% Occupied Bandwidth

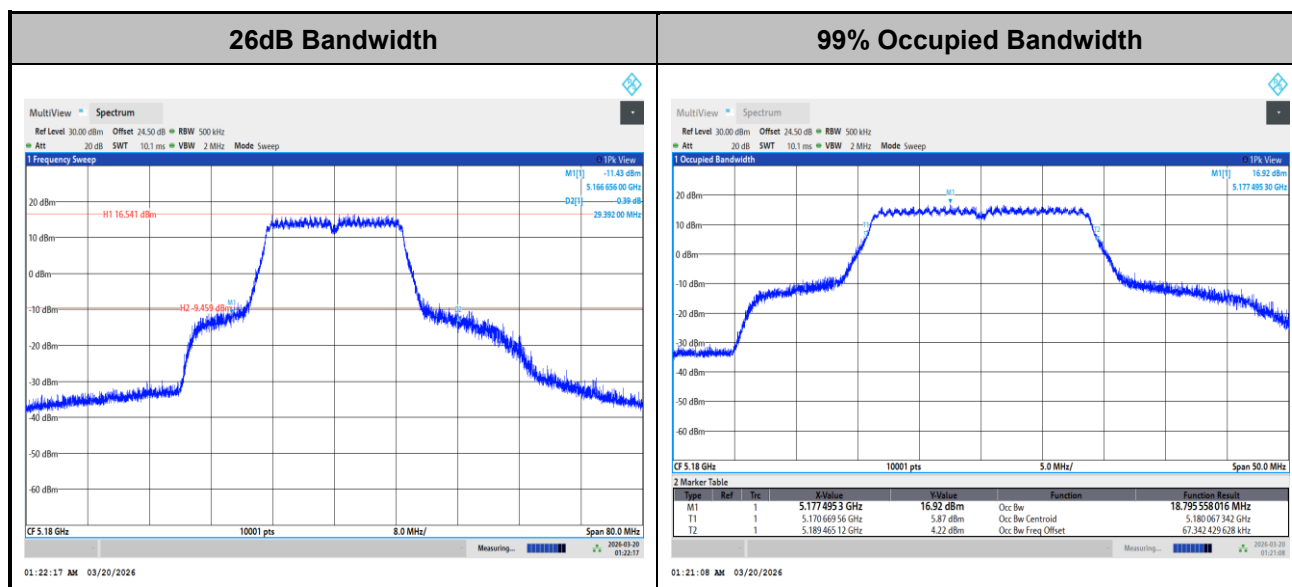
MIMO <Ant. 1+2+3+4>

<802.11a>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

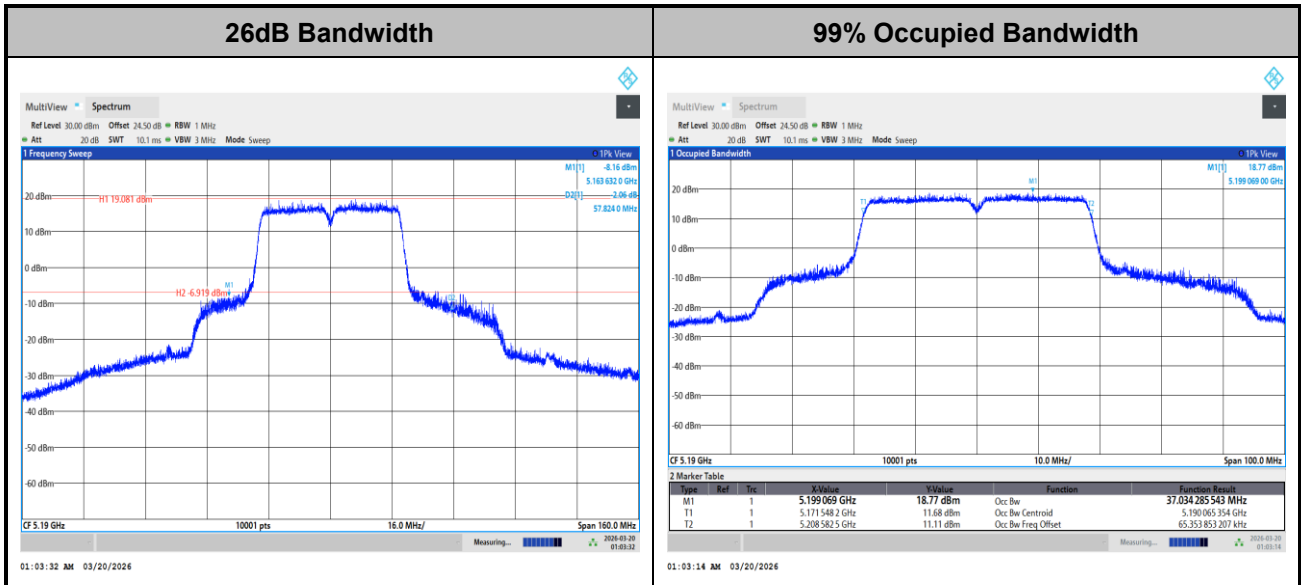
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Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

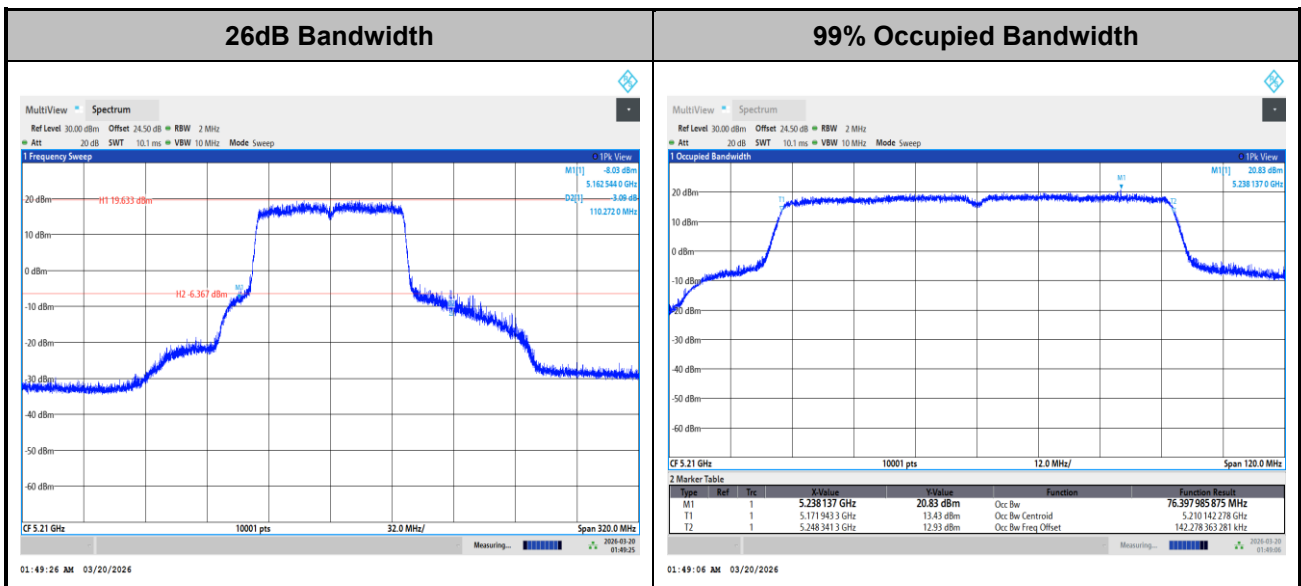


<802.11ac VHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

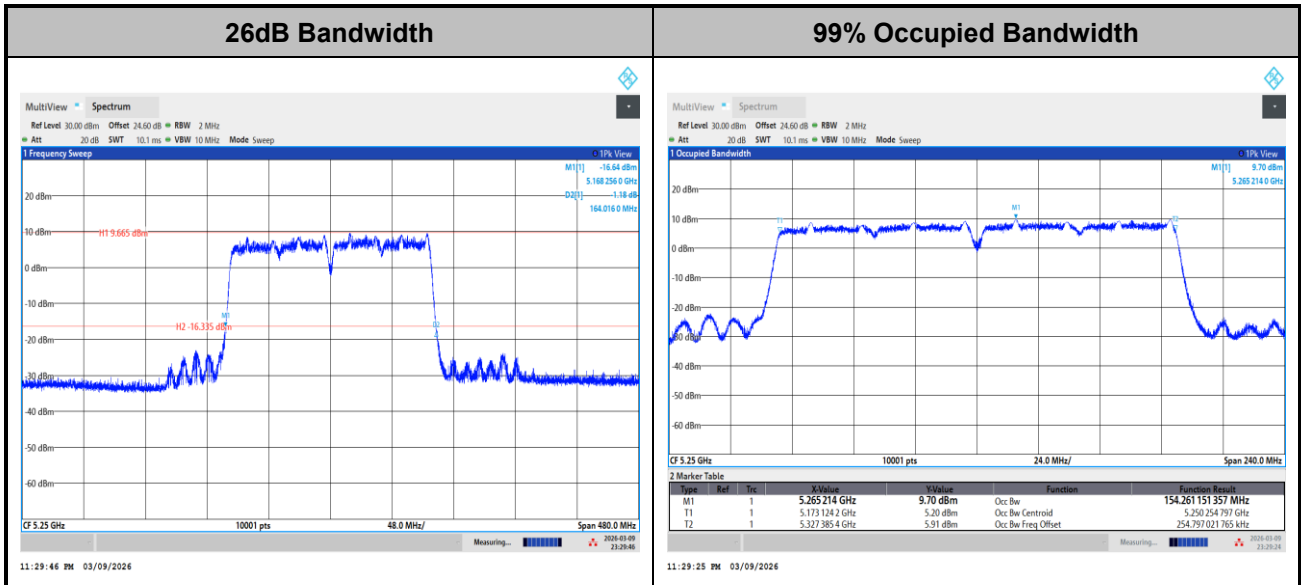
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Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

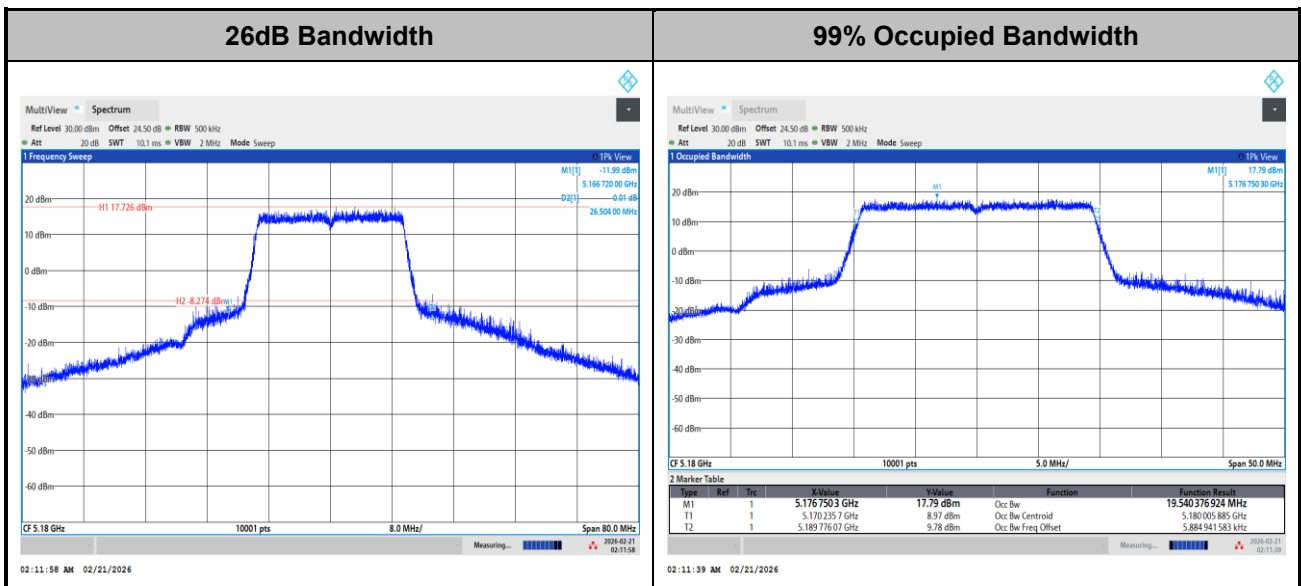


<802.11ac VHT160>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

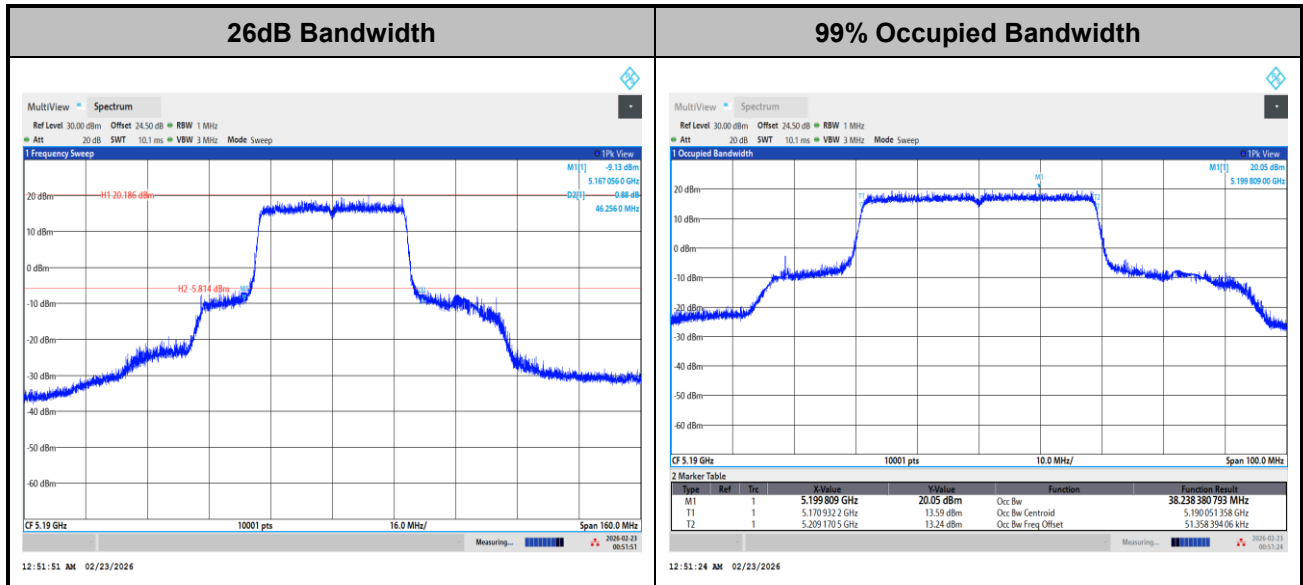
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Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

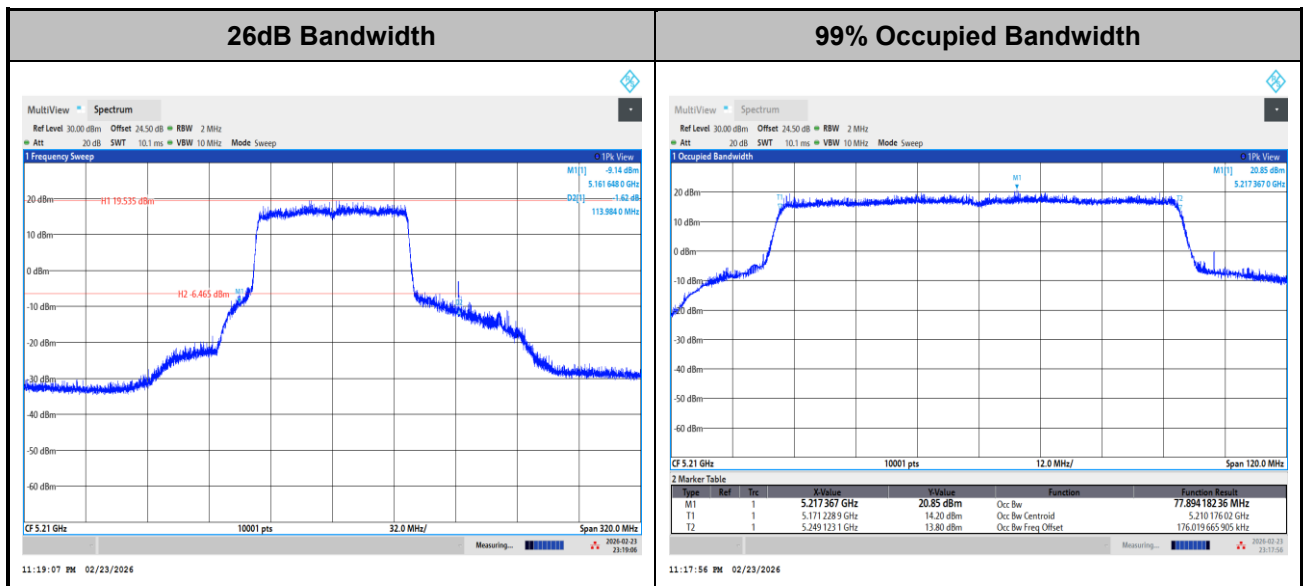


<802.11be EHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

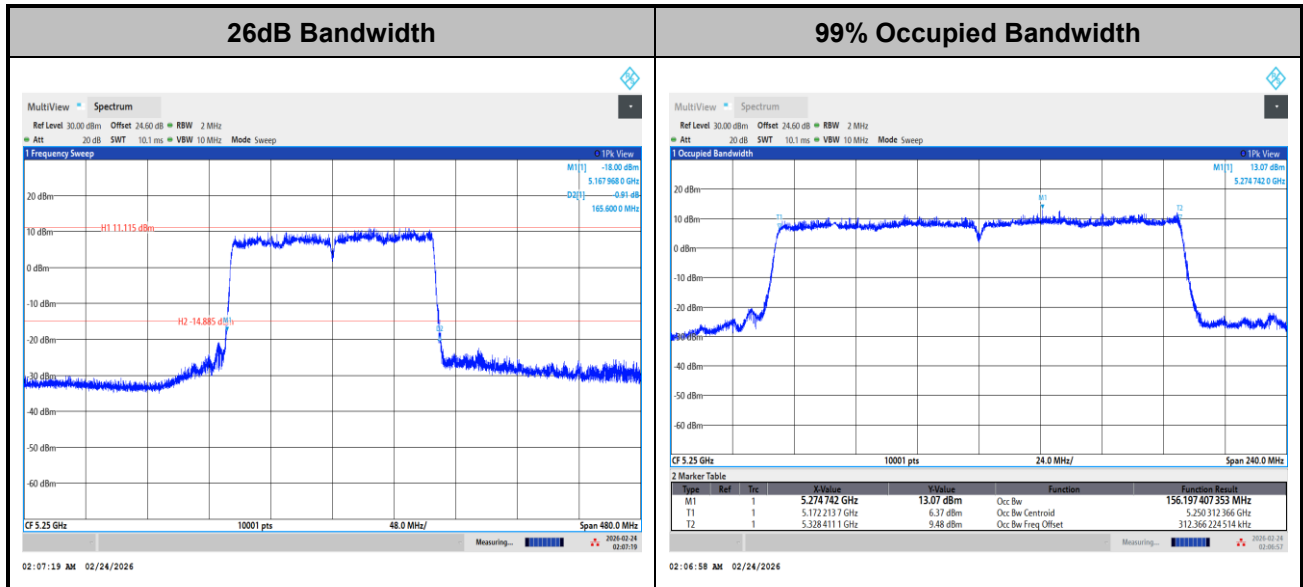
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Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



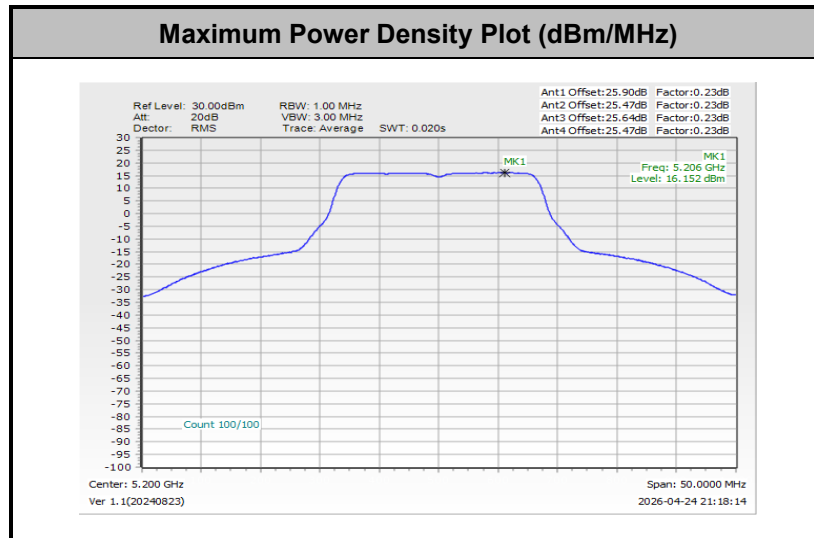
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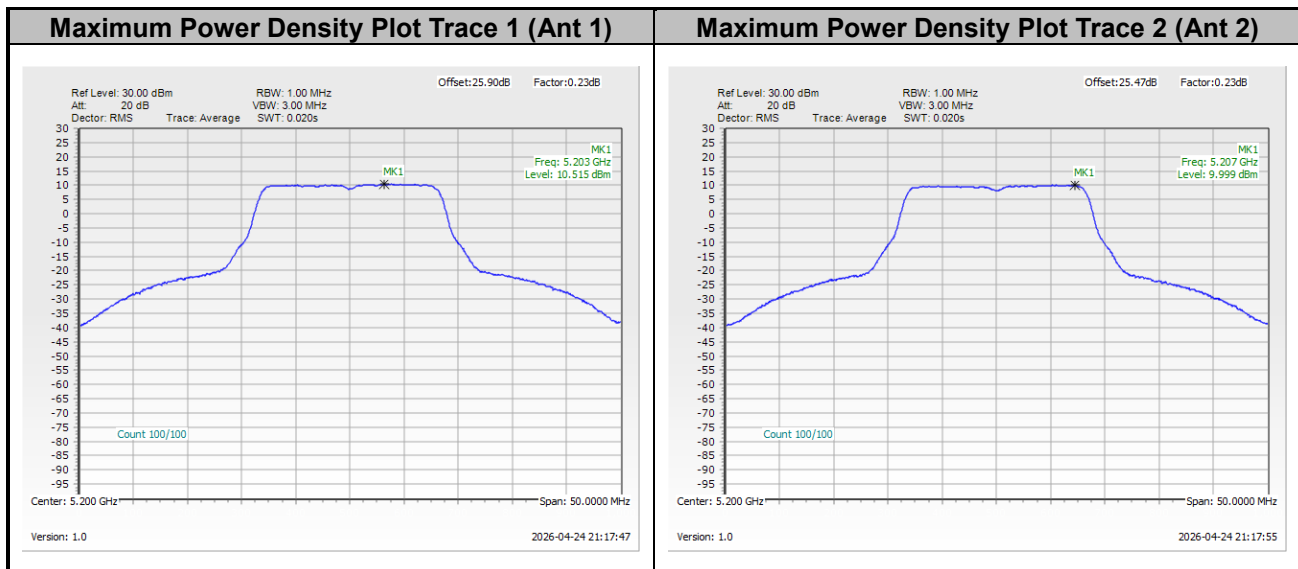
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11a>

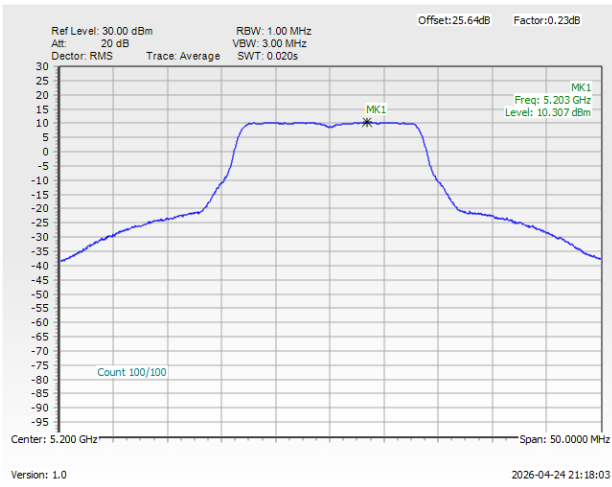


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

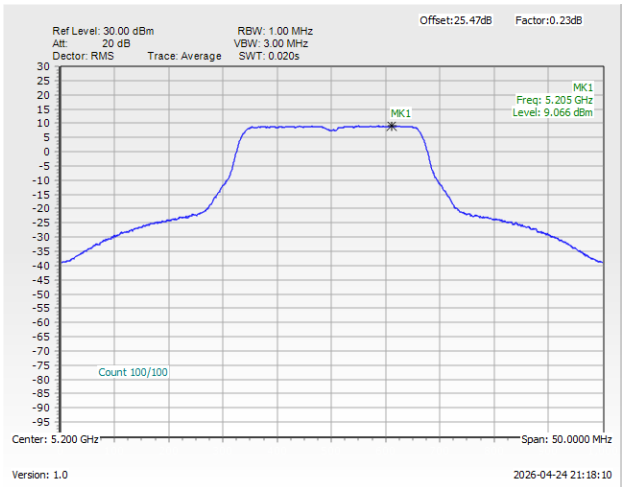




Maximum Power Density Plot Trace 3 (Ant 3)

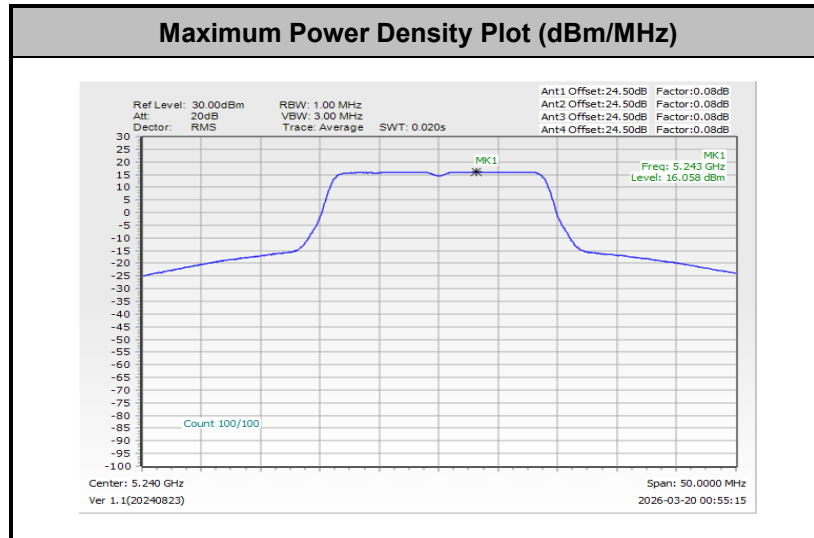


Maximum Power Density Plot Trace 4 (Ant 4)



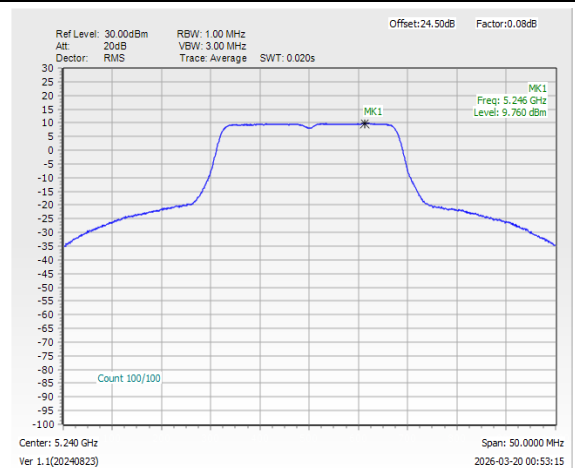


<802.11ac VHT20>

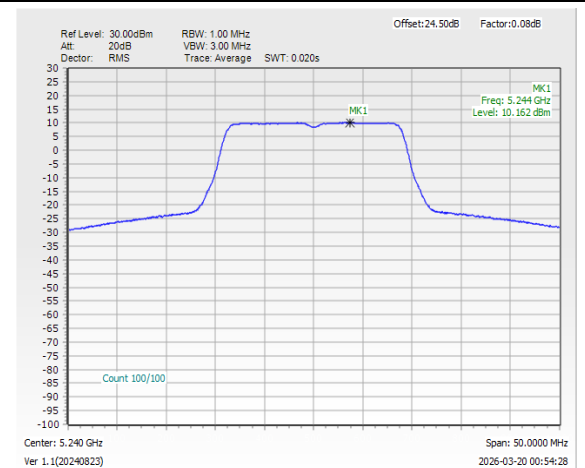


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

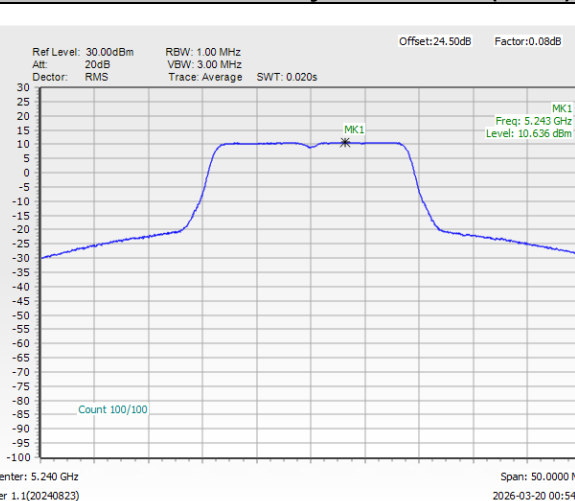
Maximum Power Density Plot Trace 1 (Ant 1)



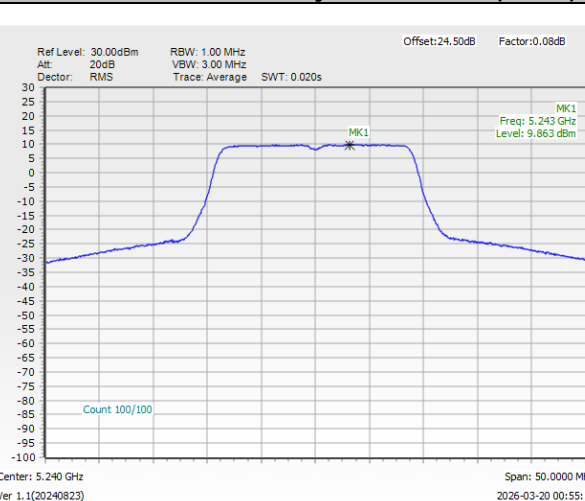
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)

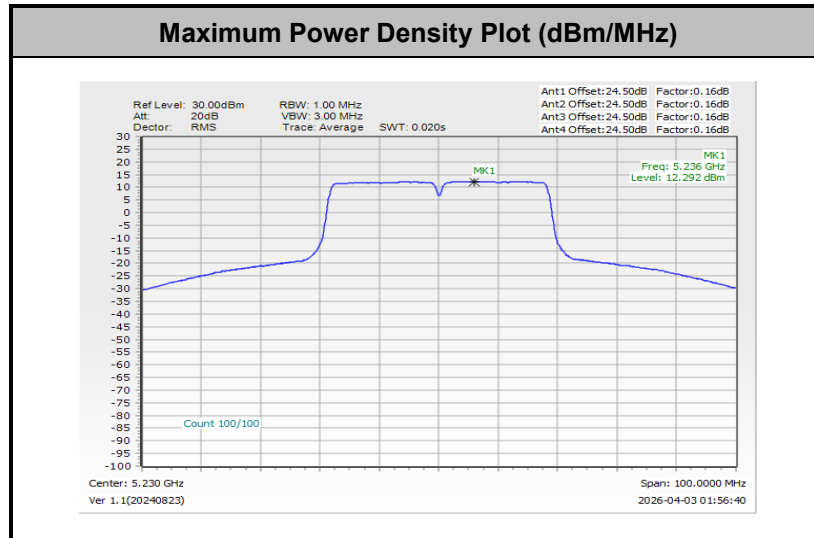


Maximum Power Density Plot Trace 4 (Ant 4)



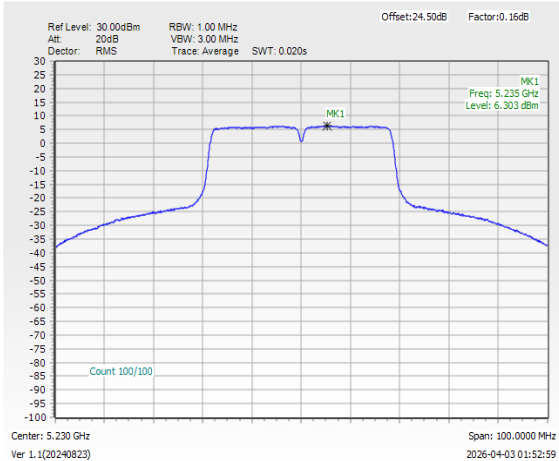


<802.11ac VHT40>

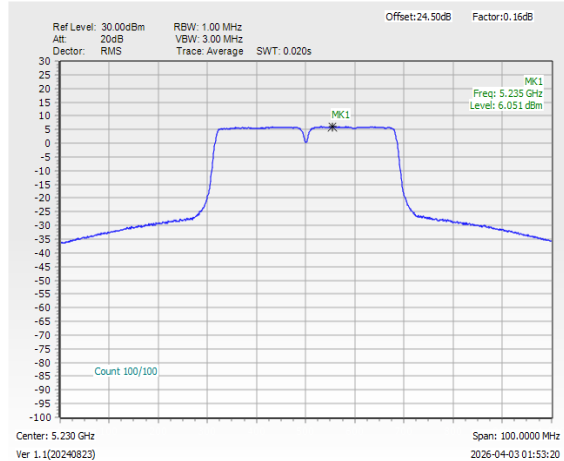


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

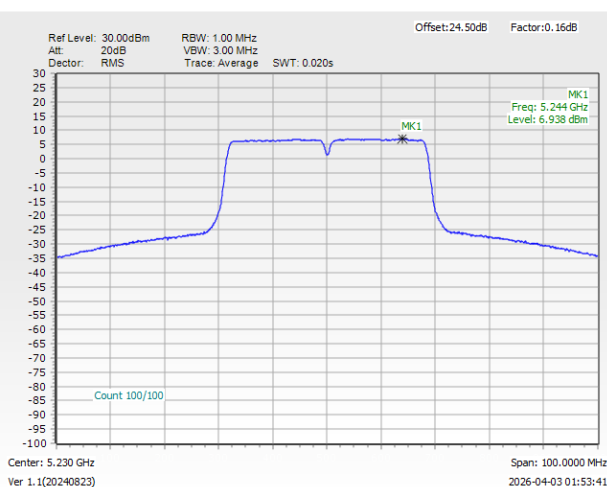
Maximum Power Density Plot Trace 1 (Ant 1)



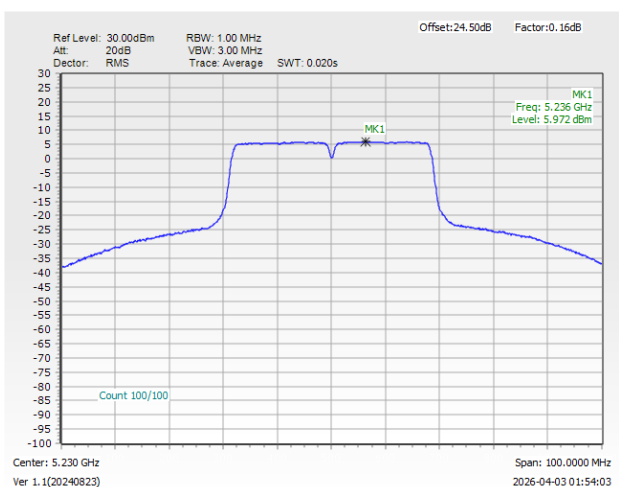
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



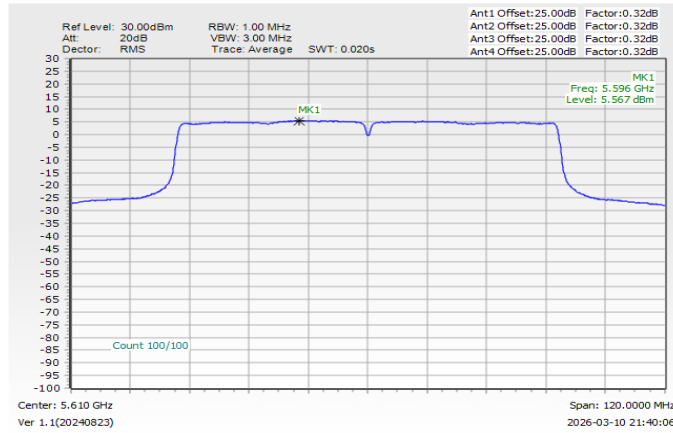
Maximum Power Density Plot Trace 4 (Ant 4)





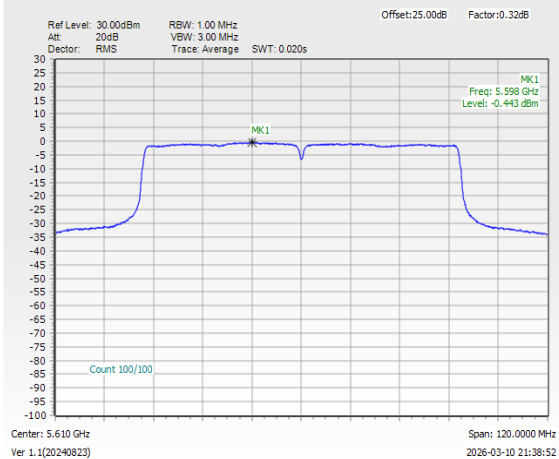
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

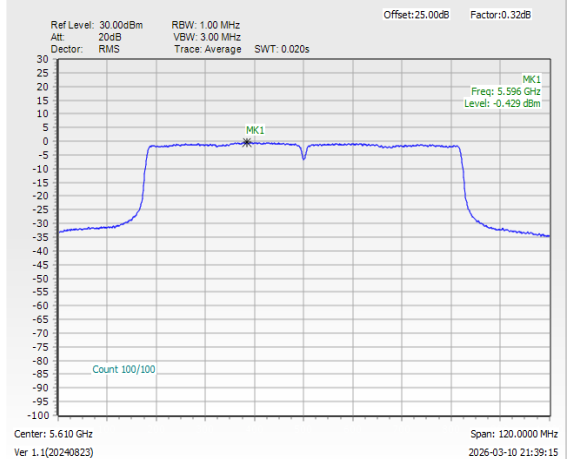


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

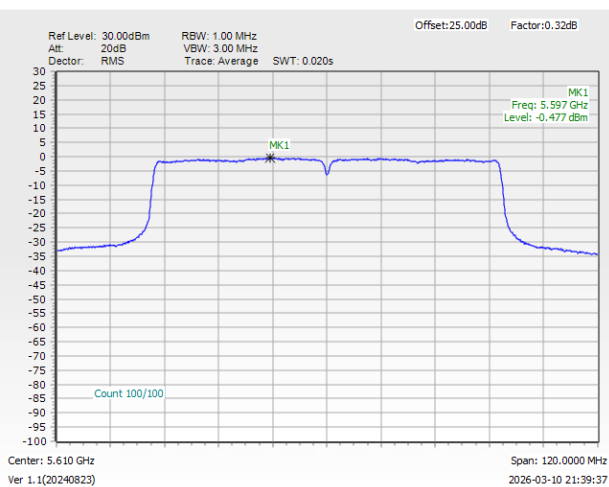
Maximum Power Density Plot Trace 1 (Ant 1)



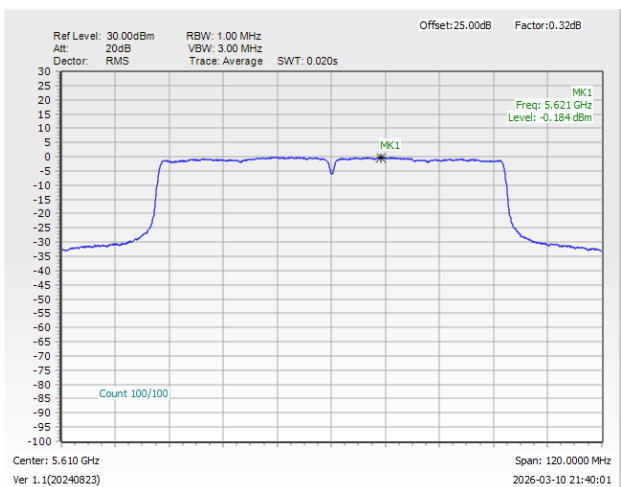
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



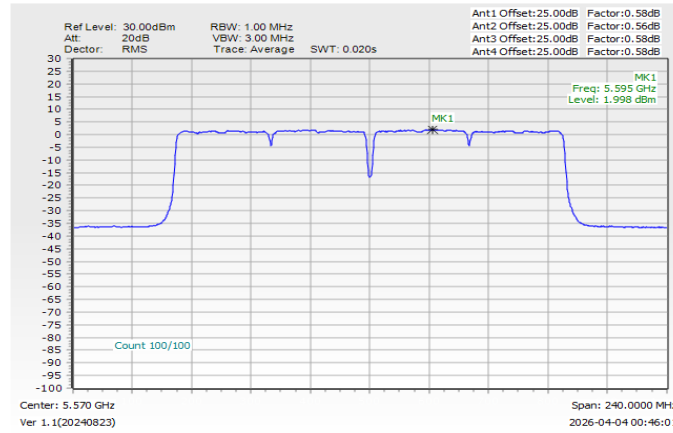
Maximum Power Density Plot Trace 4 (Ant 4)





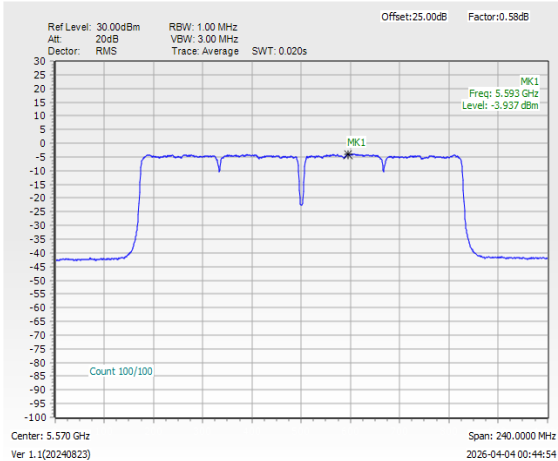
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)

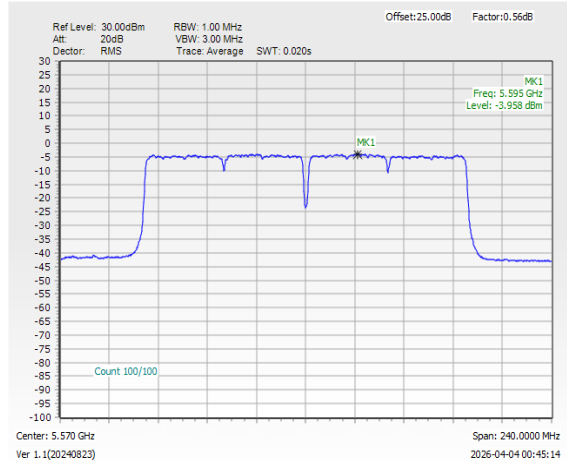


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

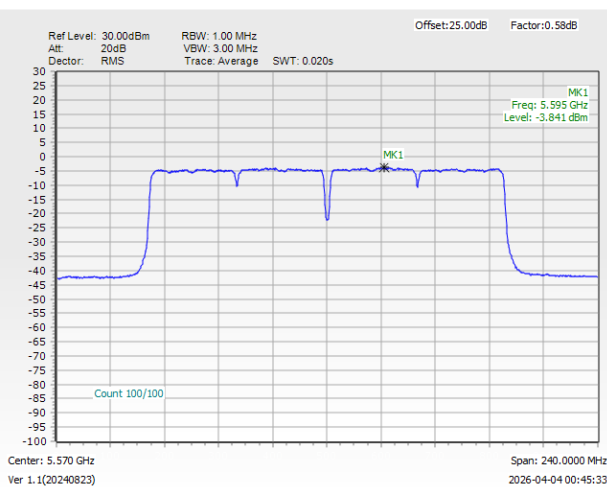
Maximum Power Density Plot Trace 1 (Ant 1)



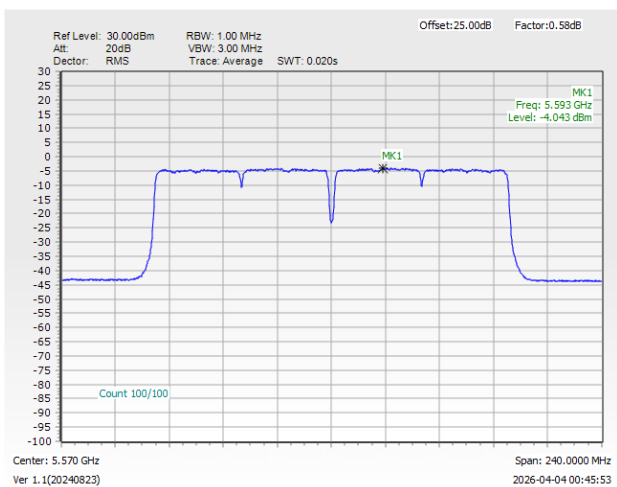
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)

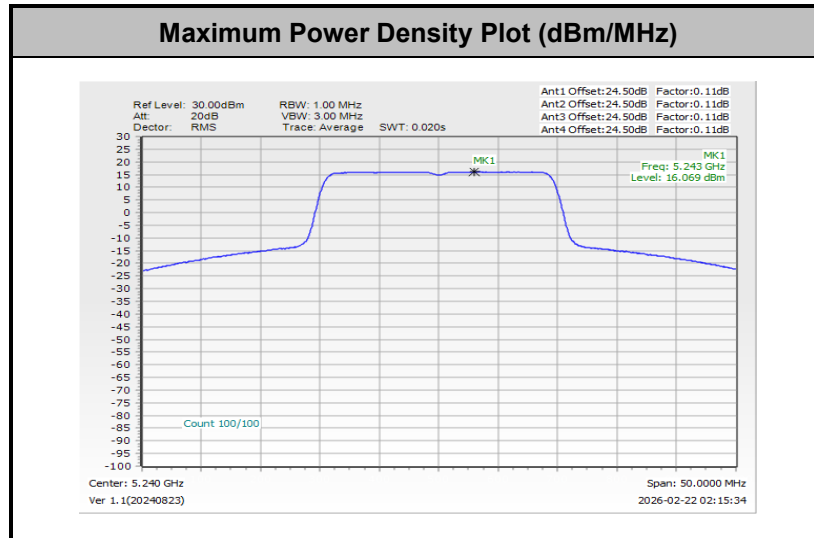


Maximum Power Density Plot Trace 4 (Ant 4)



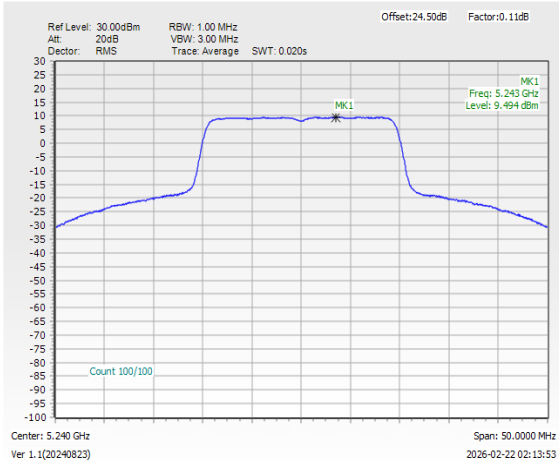


<802.11be EHT20>

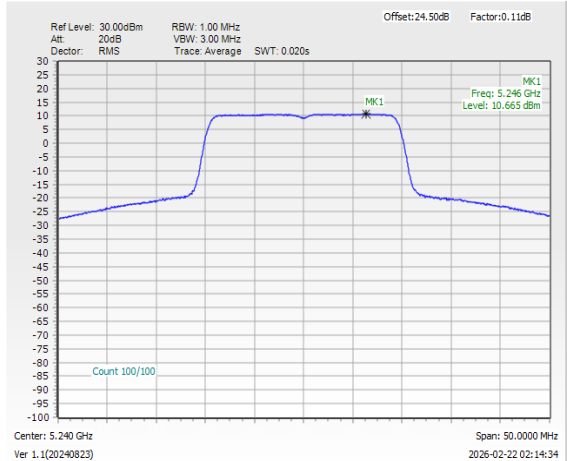


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

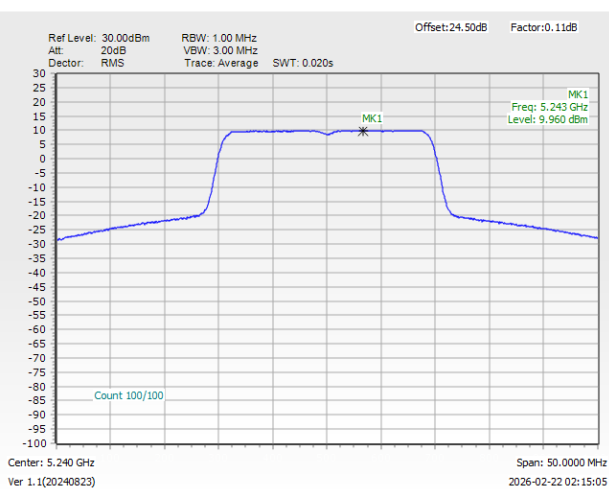
Maximum Power Density Plot Trace 1 (Ant 1)



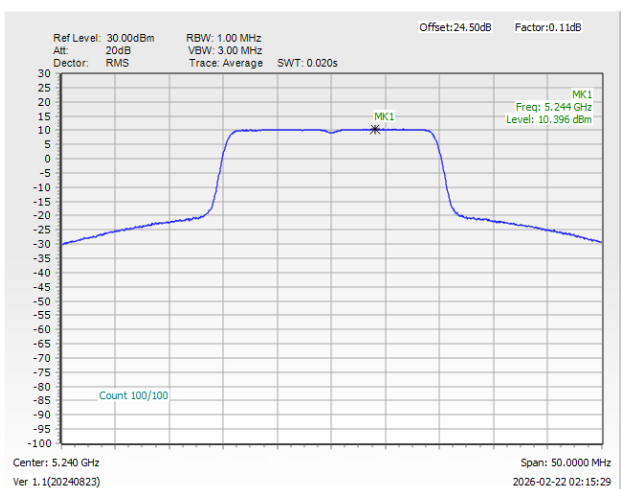
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)

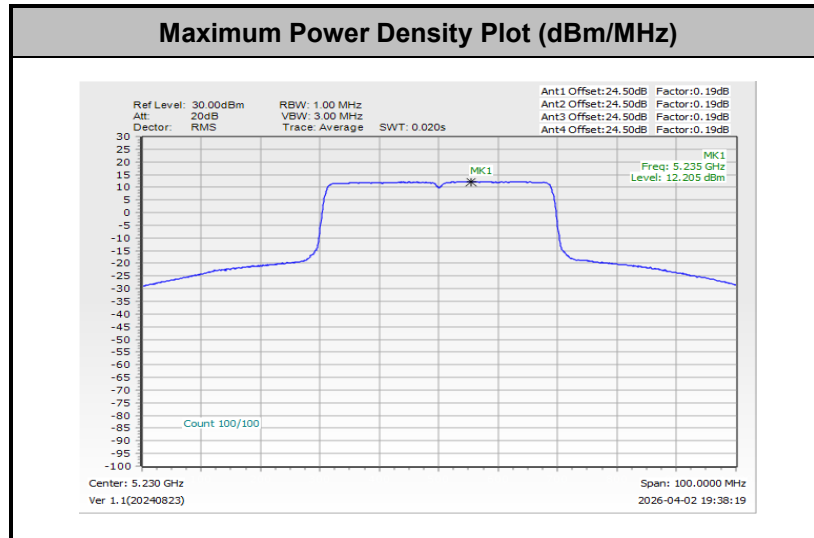


Maximum Power Density Plot Trace 4 (Ant 4)



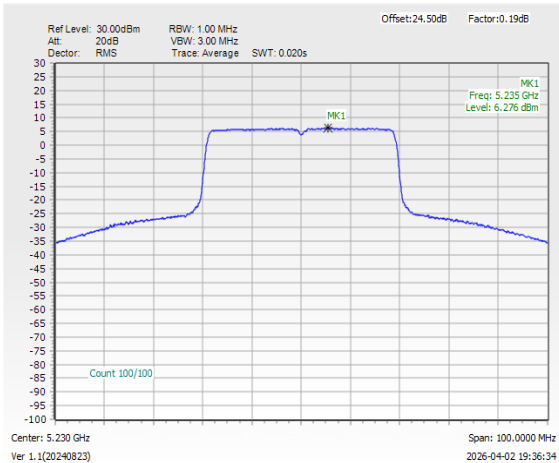


<802.11be EHT40>

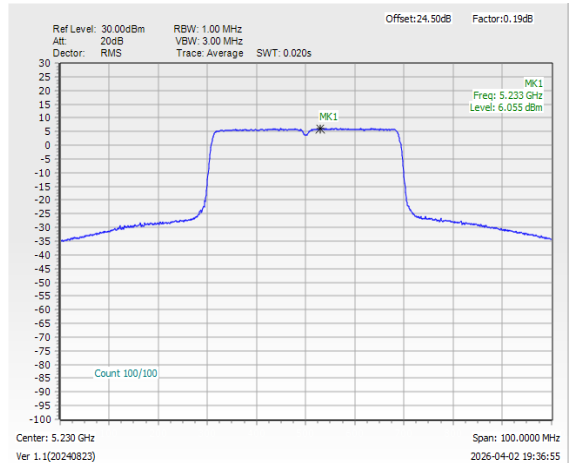


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

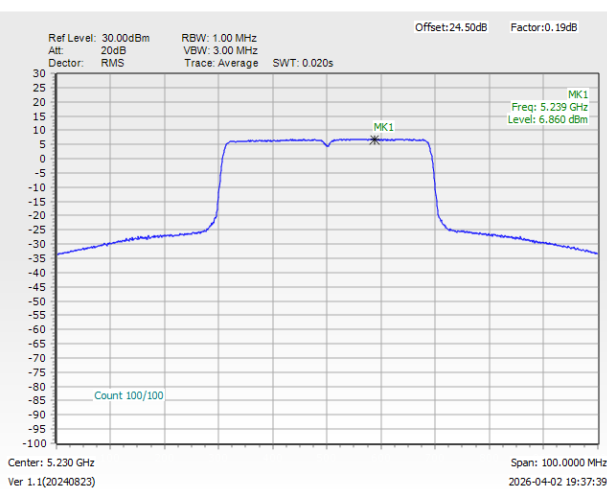
Maximum Power Density Plot Trace 1 (Ant 1)



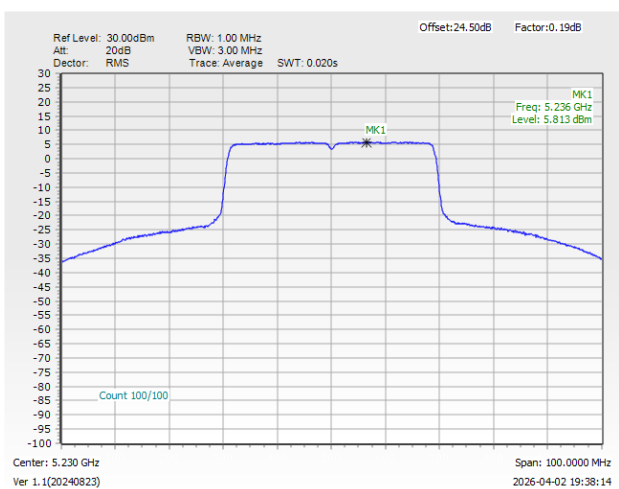
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



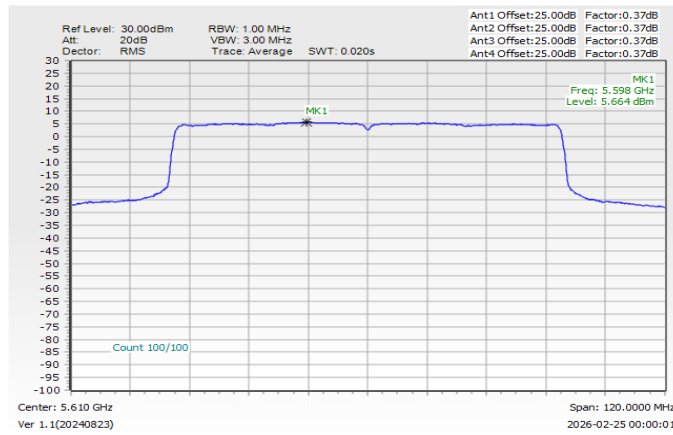
Maximum Power Density Plot Trace 4 (Ant 4)





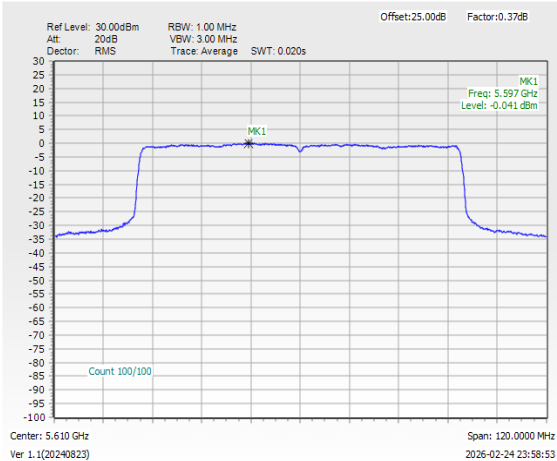
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

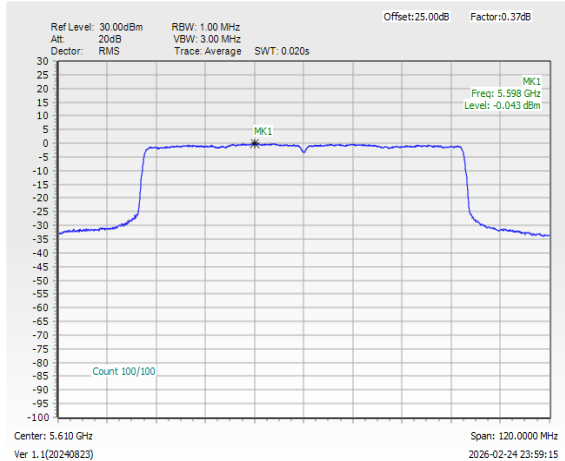


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

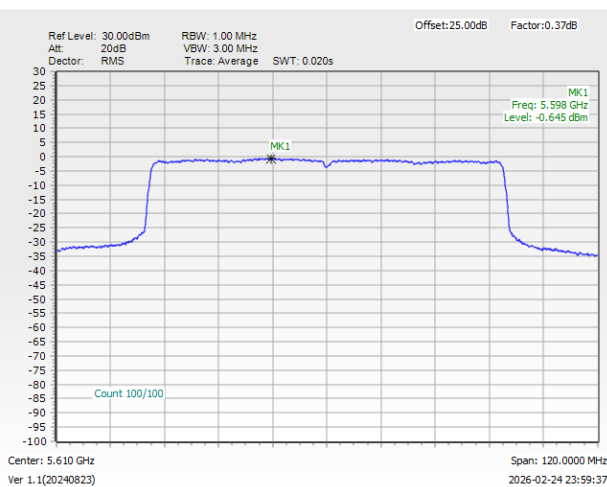
Maximum Power Density Plot Trace 1 (Ant 1)



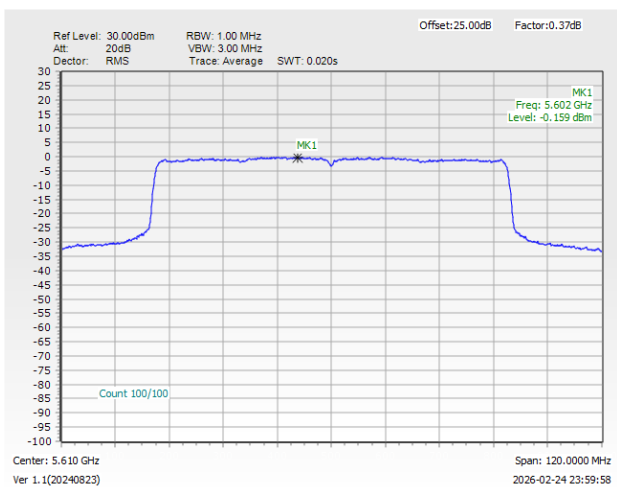
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



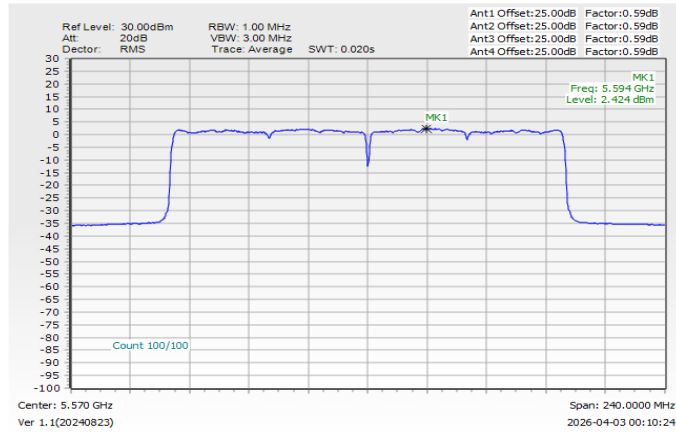
Maximum Power Density Plot Trace 4 (Ant 4)





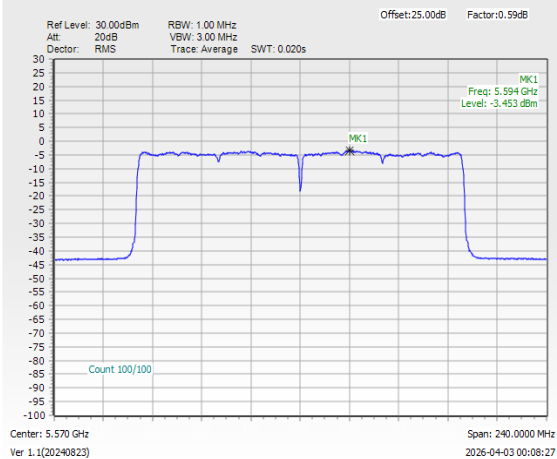
<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)

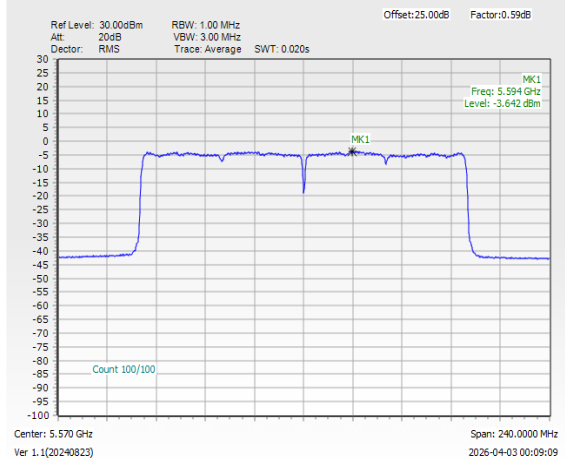


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

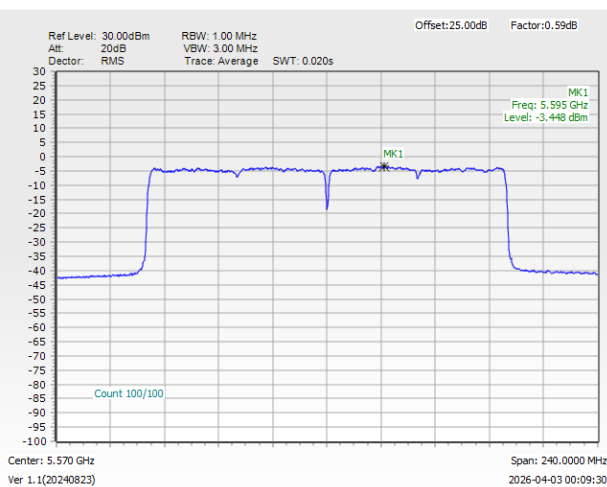
Maximum Power Density Plot Trace 1 (Ant 1)



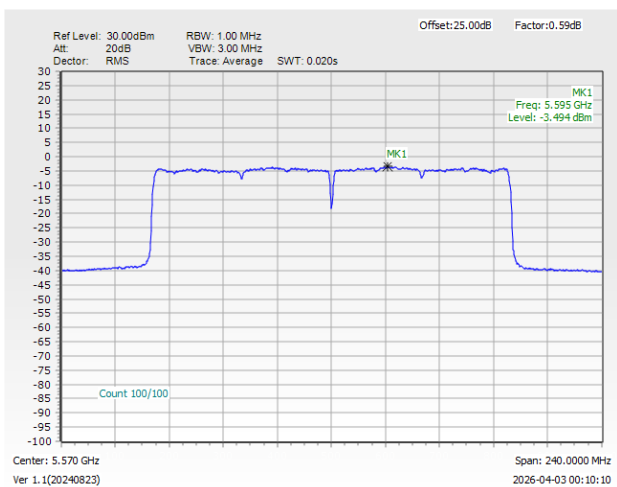
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



Maximum Power Density Plot Trace 4 (Ant 4)



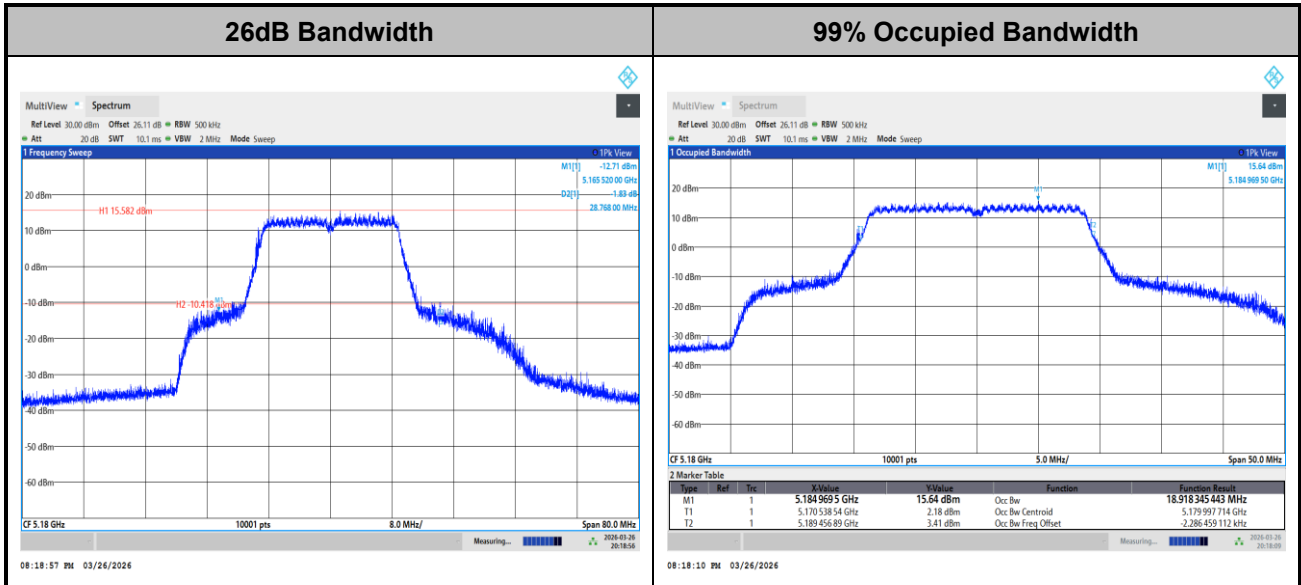


<TXBF Mode>

Test Result of 26dB & 99% Occupied Bandwidth

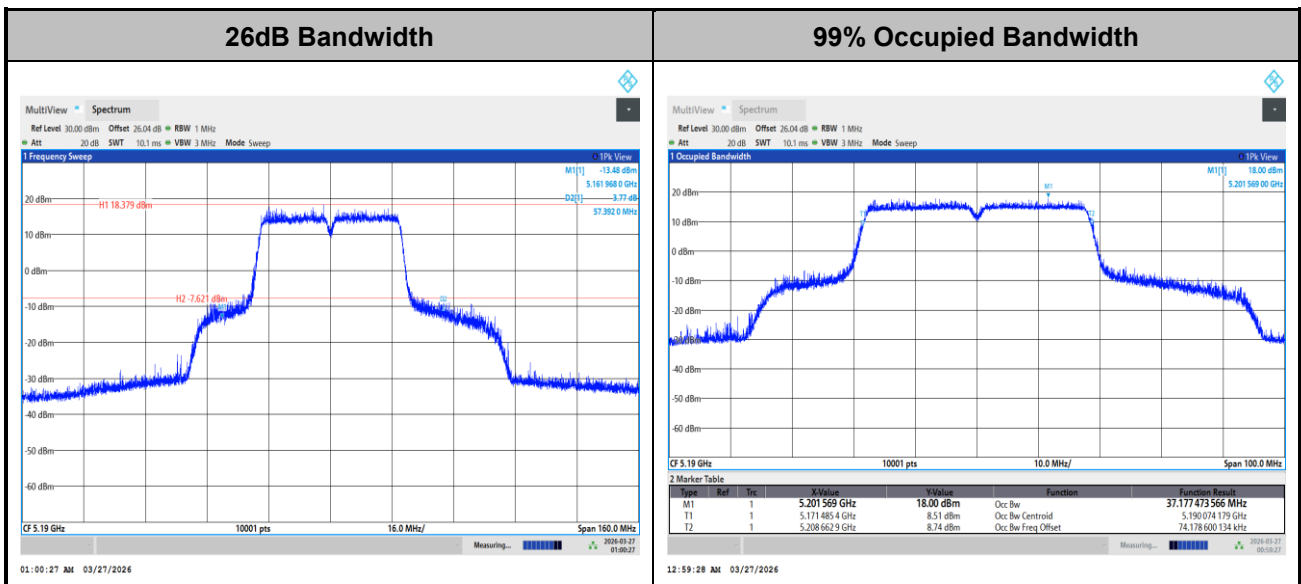
MIMO <Ant. 1+2+3+4>

<802.11ac VHT20>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

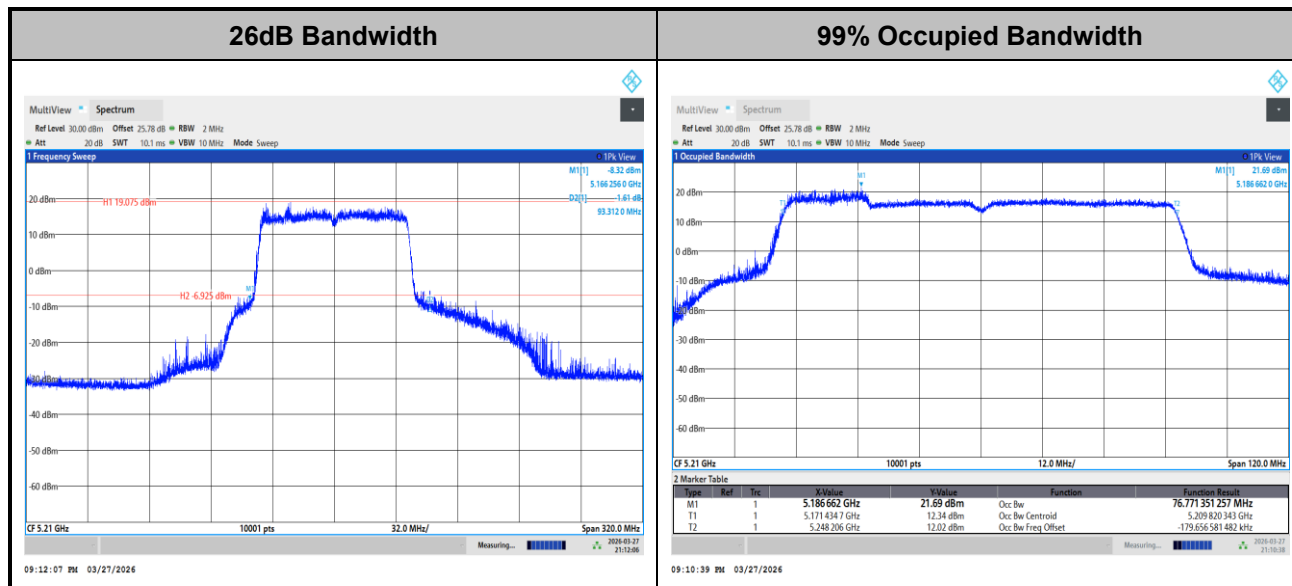
<802.11ac VHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

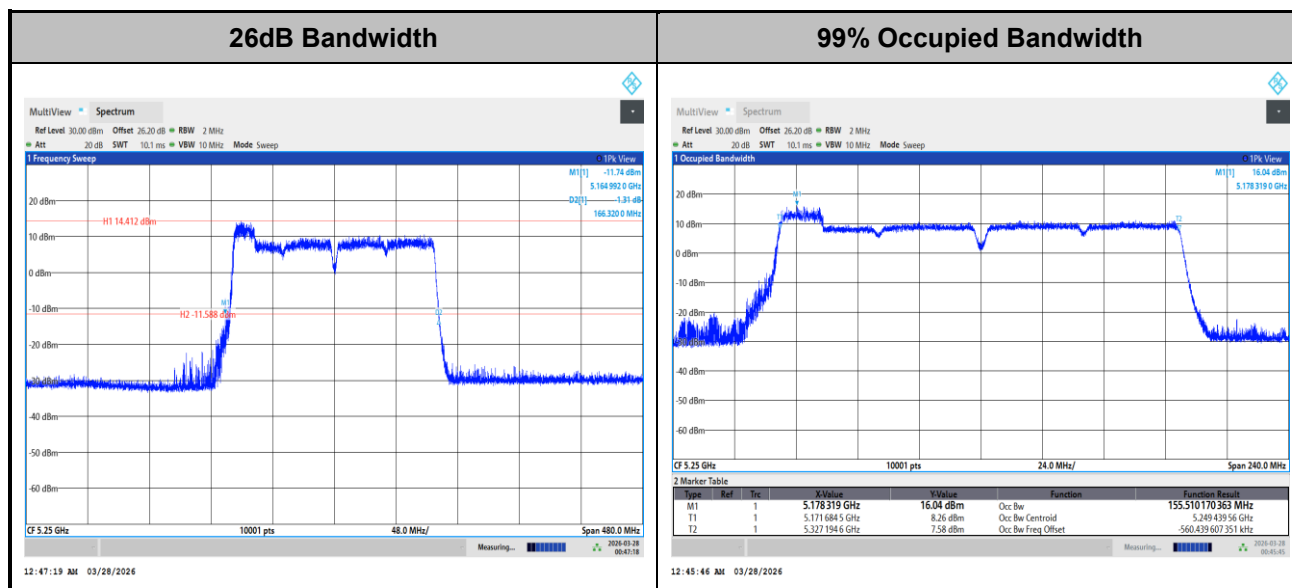


<802.11ac VHT80>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

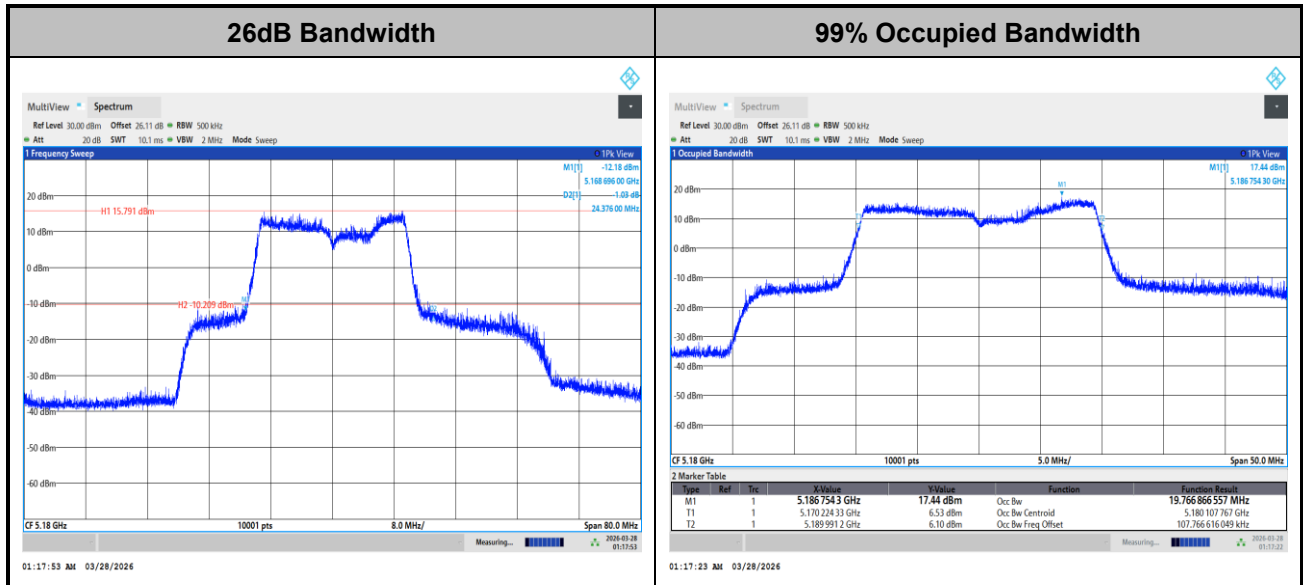
<802.11ac VHT160>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

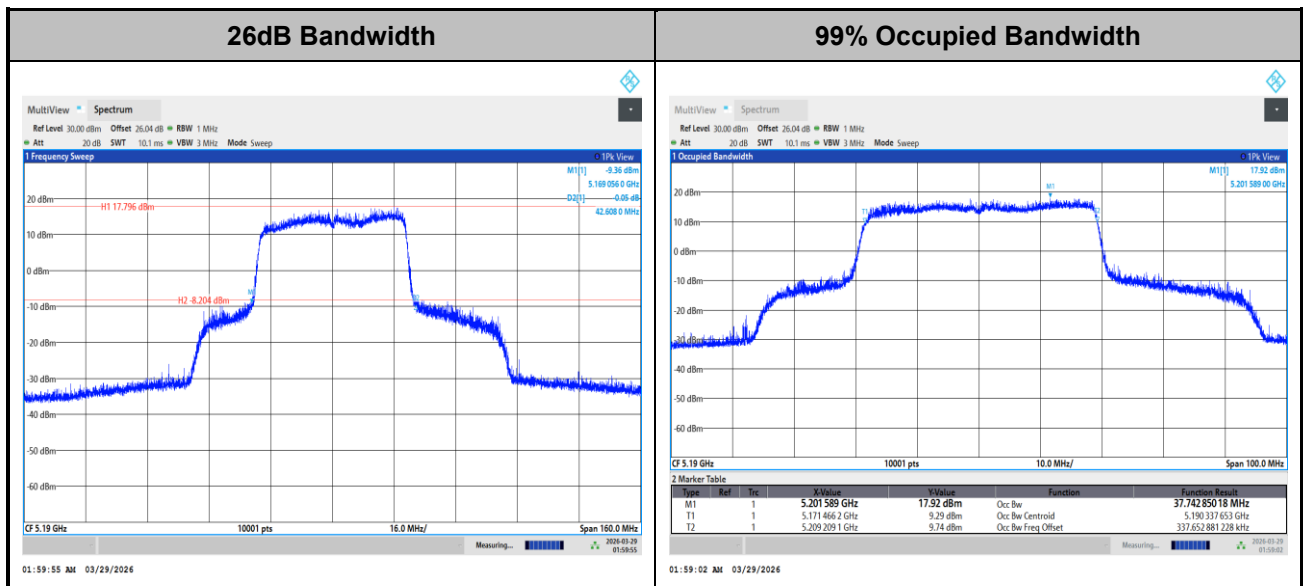


<802.11be EHT20>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

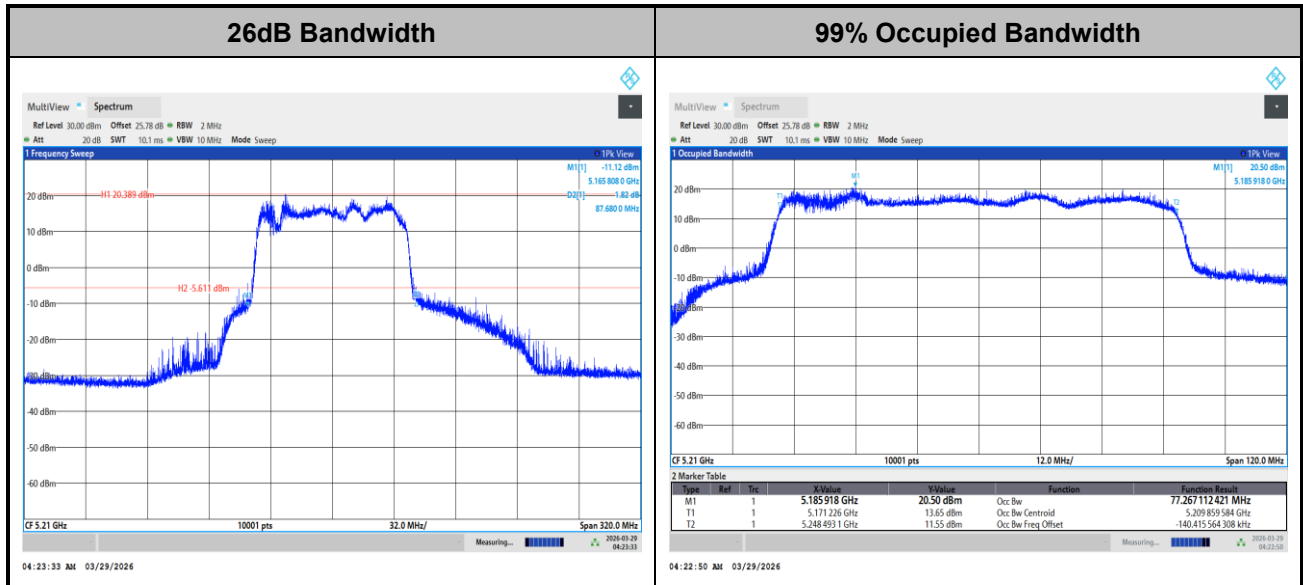
<802.11be EHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

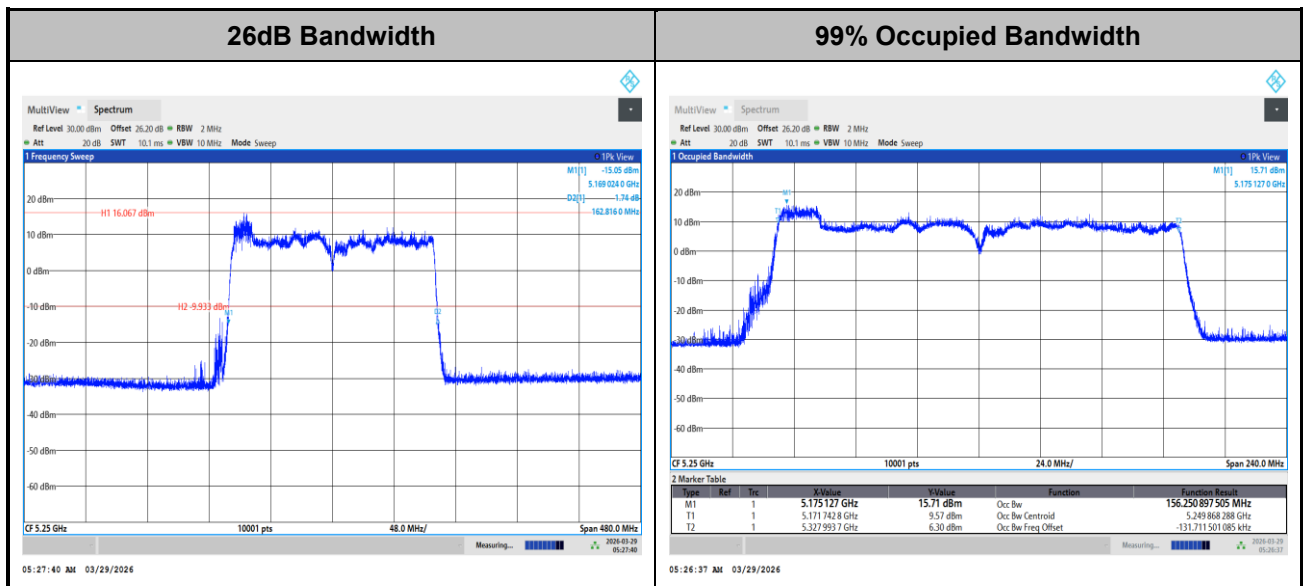


<802.11be EHT80>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

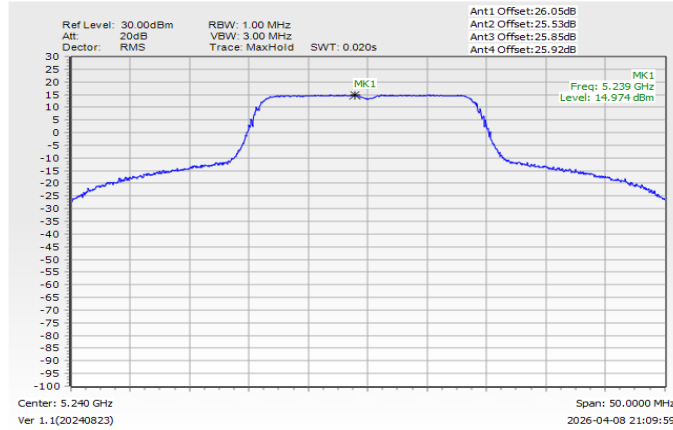
<802.11be EHT160>



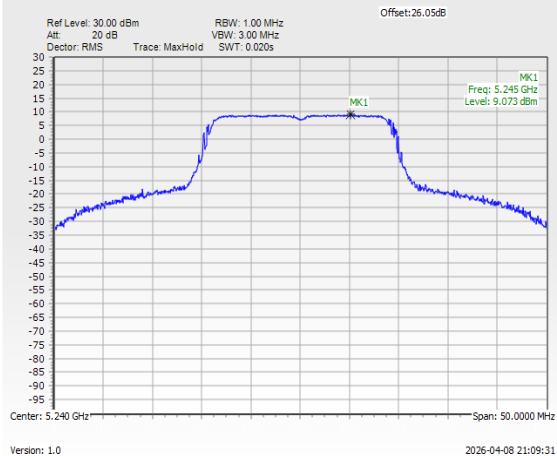
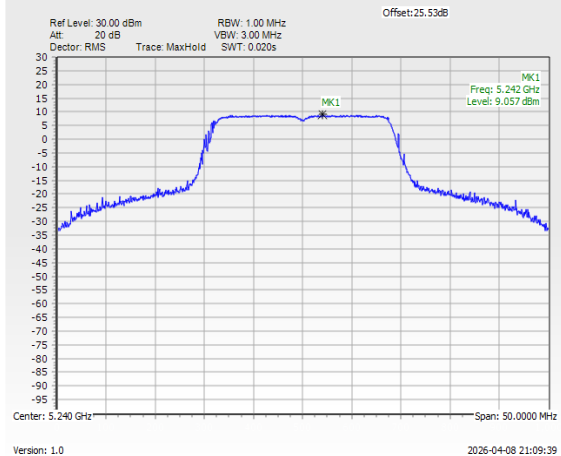
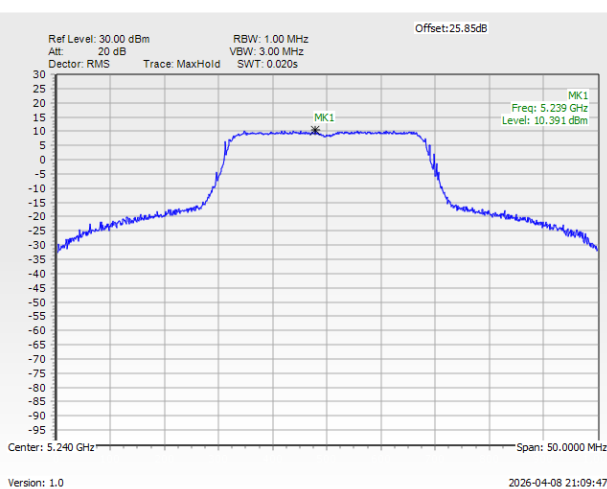
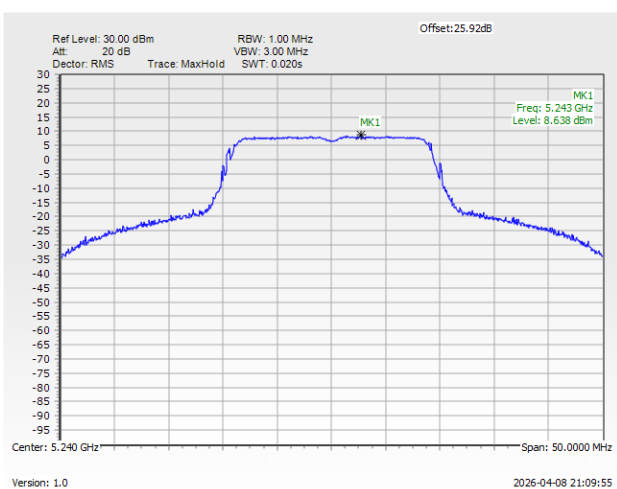
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)

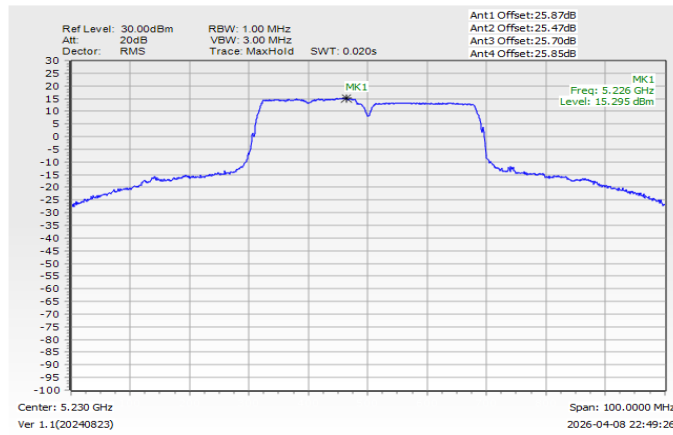
Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

Maximum Power Density Plot Trace 1 (Ant 1)**Maximum Power Density Plot Trace 2 (Ant 2)****Maximum Power Density Plot Trace 3 (Ant 3)****Maximum Power Density Plot Trace 3 (Ant 3)**



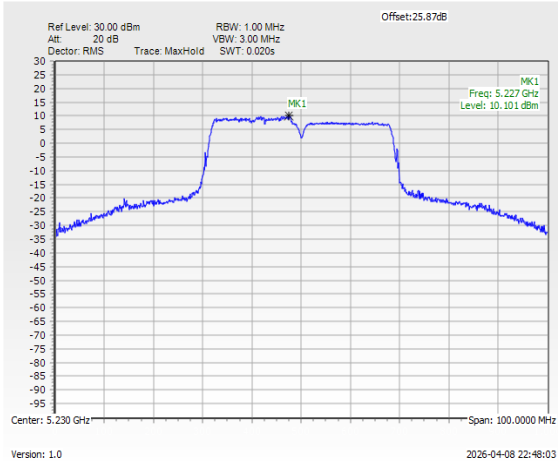
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)

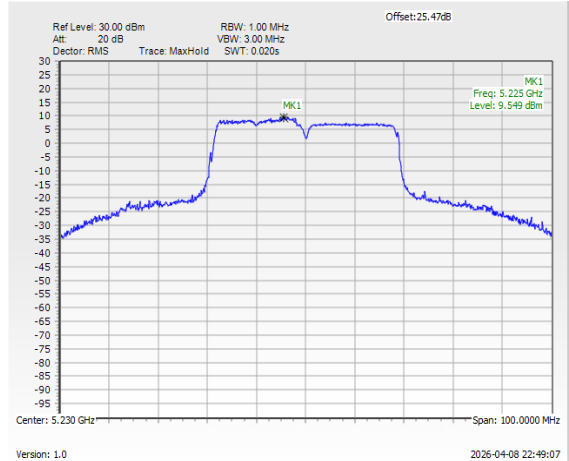


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

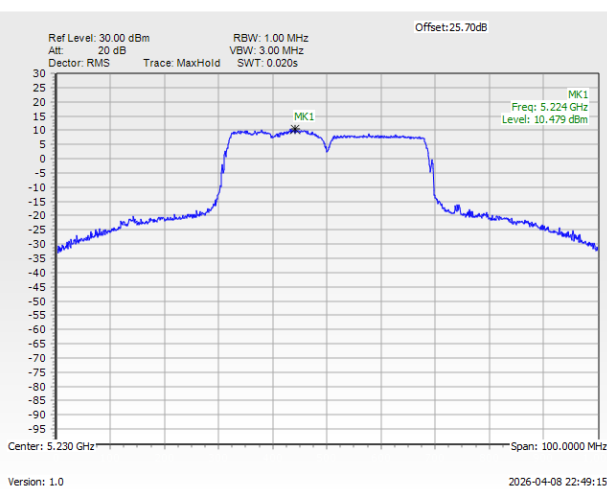
Maximum Power Density Plot Trace 1 (Ant 1)



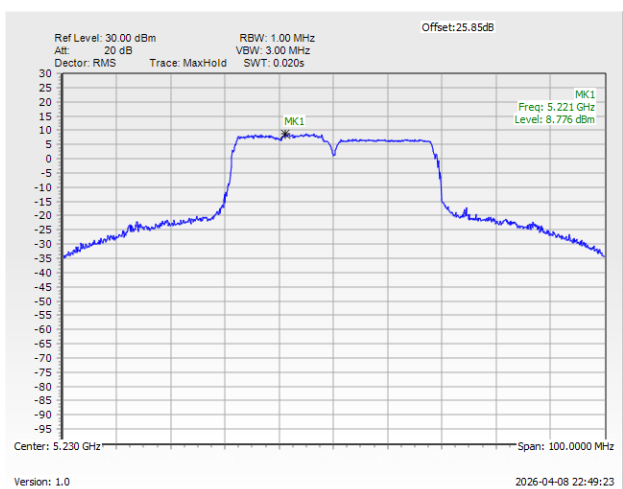
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



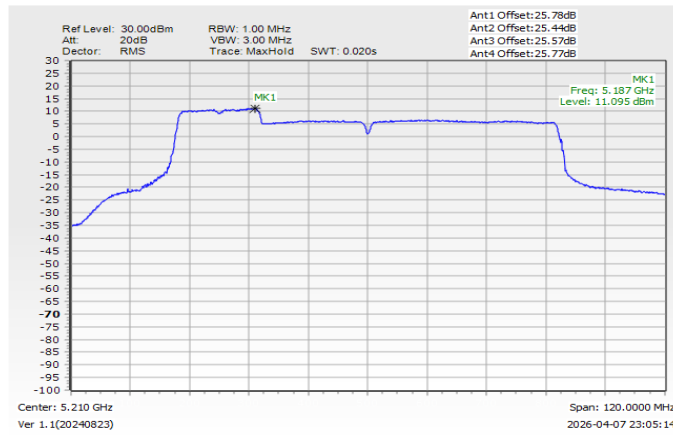
Maximum Power Density Plot Trace 3 (Ant 3)





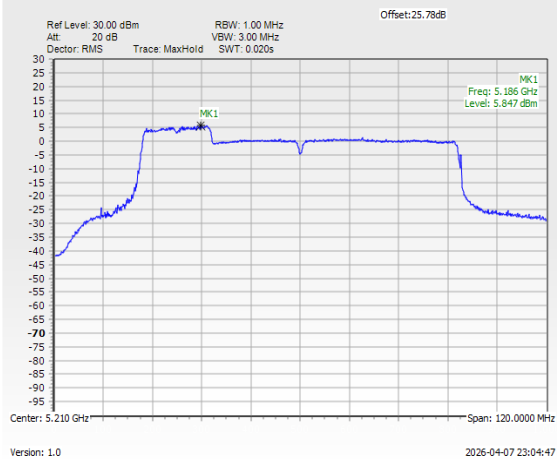
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

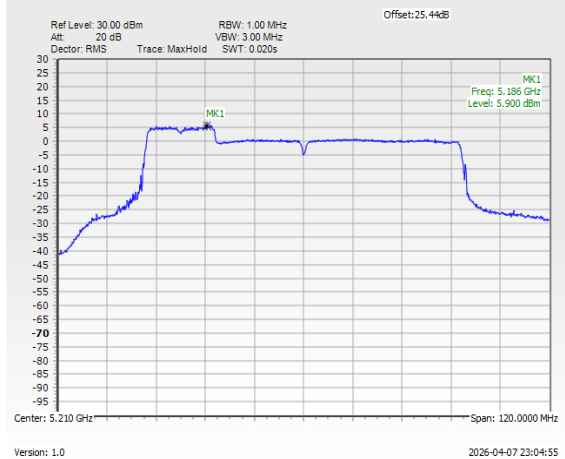


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

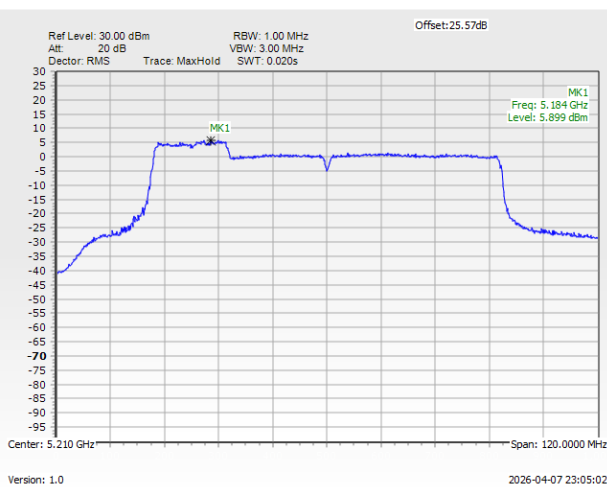
Maximum Power Density Plot Trace 1 (Ant 1)



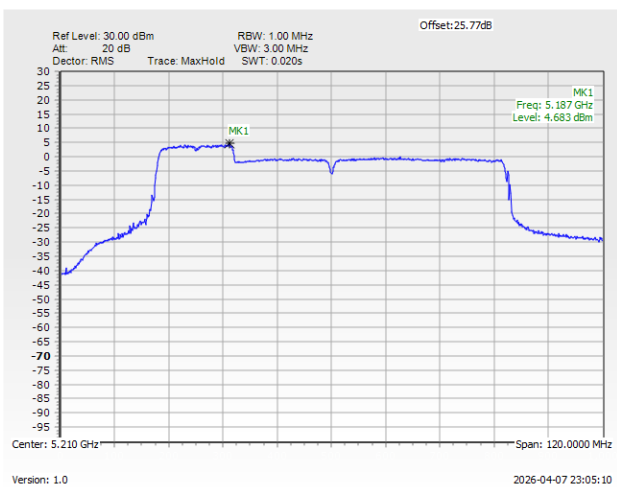
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)

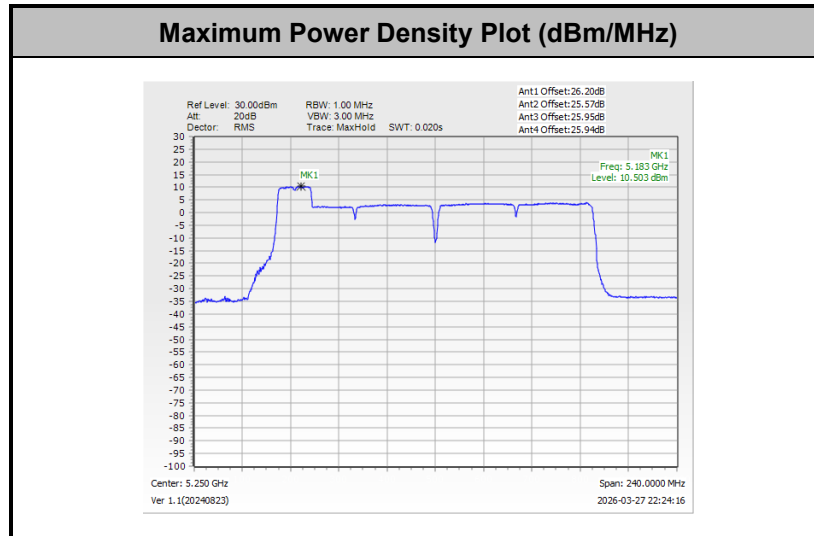


Maximum Power Density Plot Trace 3 (Ant 3)

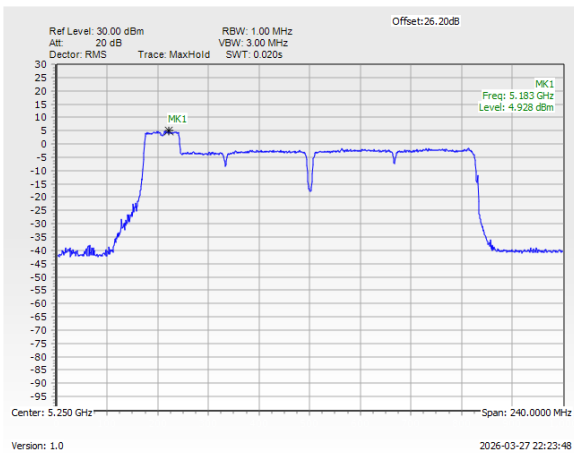
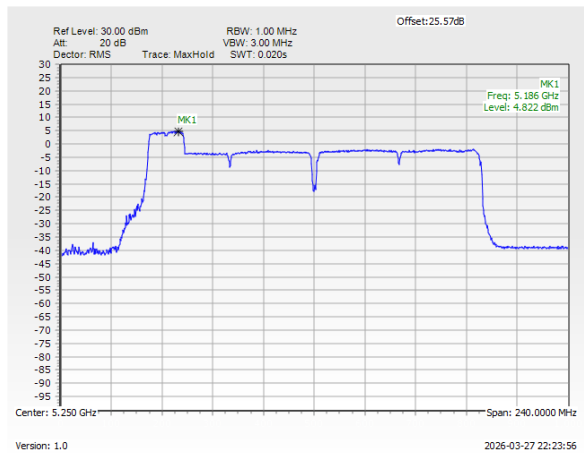
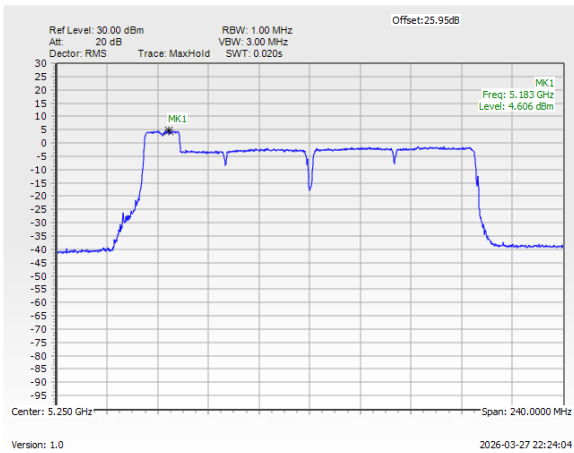
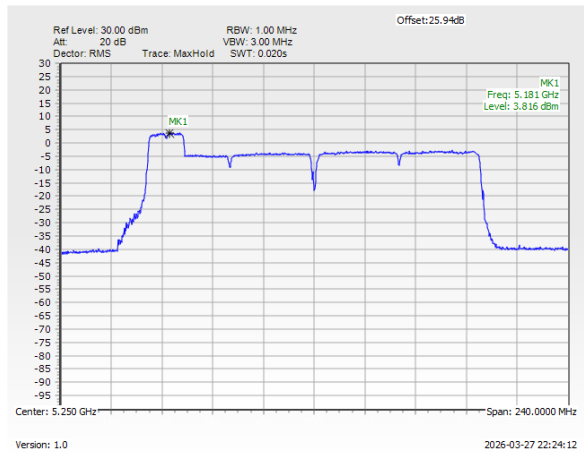




<802.11ac VHT160>



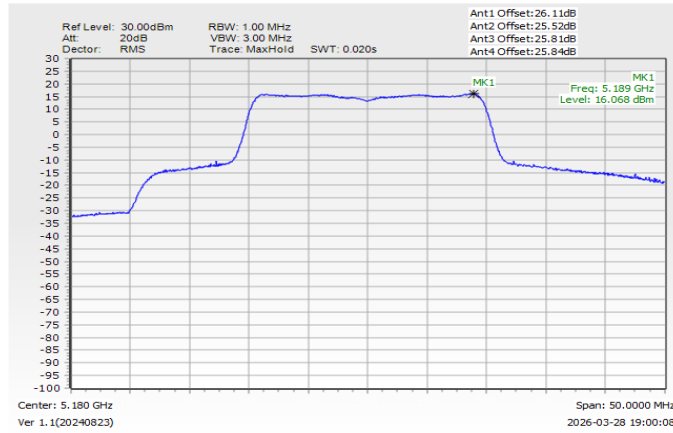
Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

Maximum Power Density Plot Trace 1 (Ant 1)**Maximum Power Density Plot Trace 2 (Ant 2)****Maximum Power Density Plot Trace 3 (Ant 3)****Maximum Power Density Plot Trace 3 (Ant 3)**



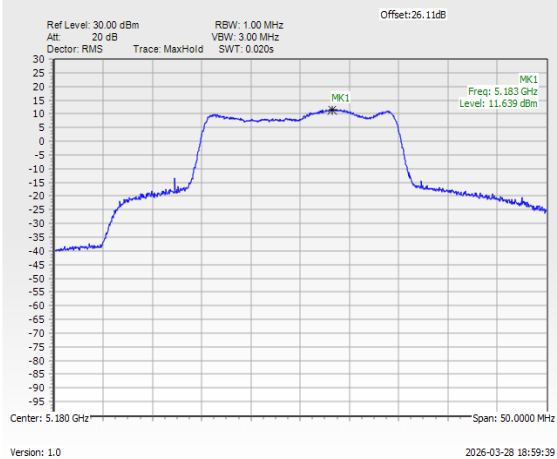
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

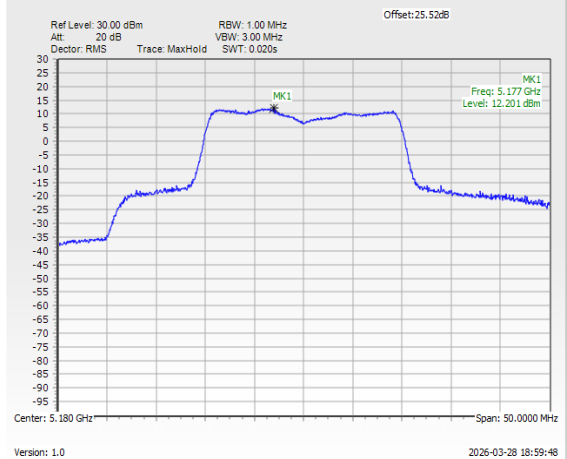


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

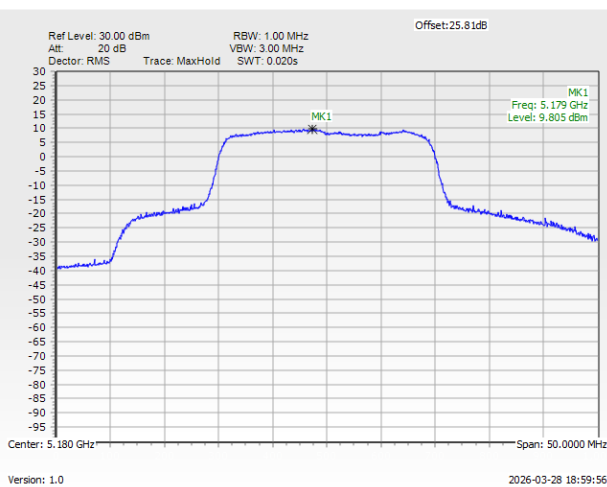
Maximum Power Density Plot Trace 1 (Ant 1)



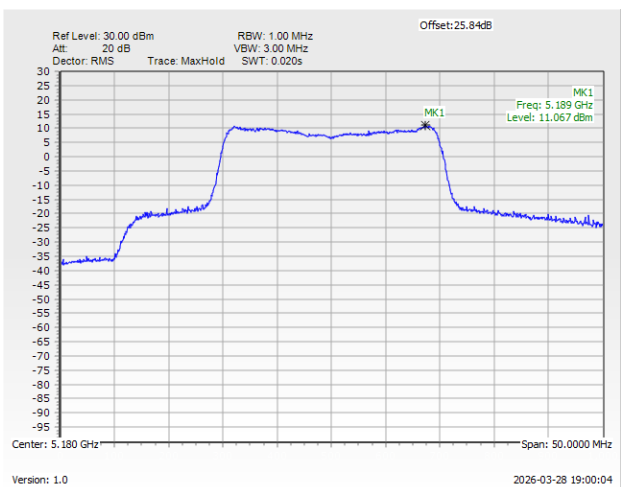
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



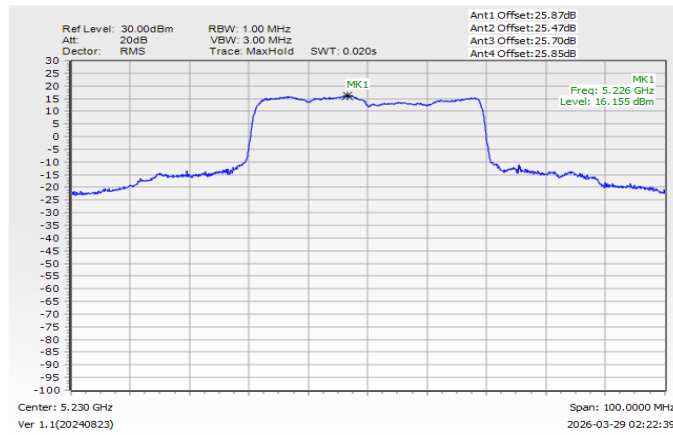
Maximum Power Density Plot Trace 3 (Ant 3)





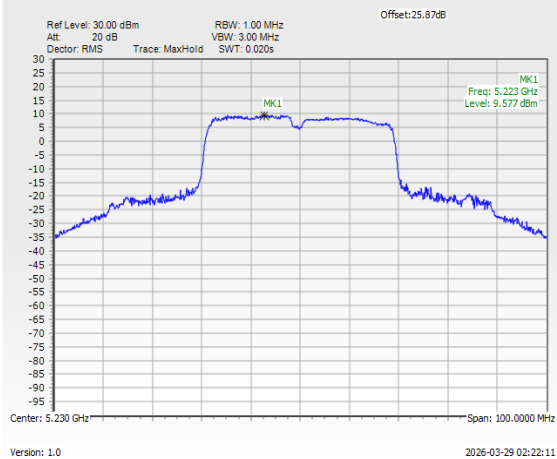
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)

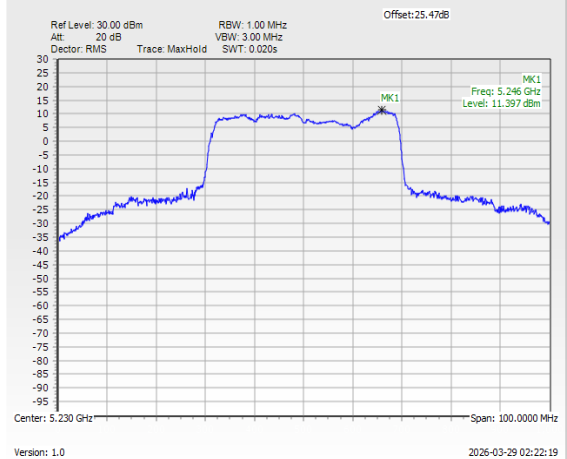


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

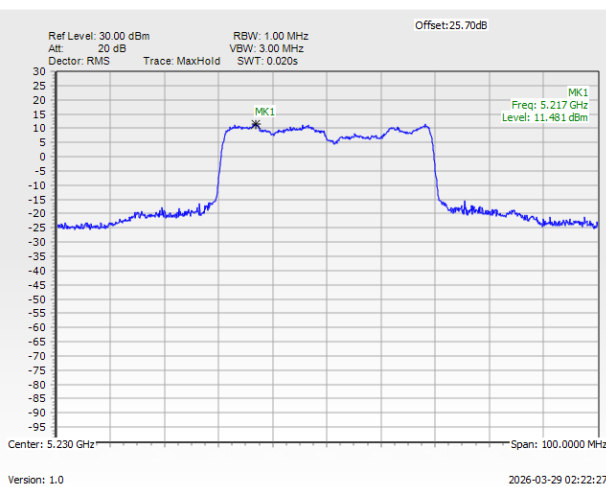
Maximum Power Density Plot Trace 1 (Ant 1)



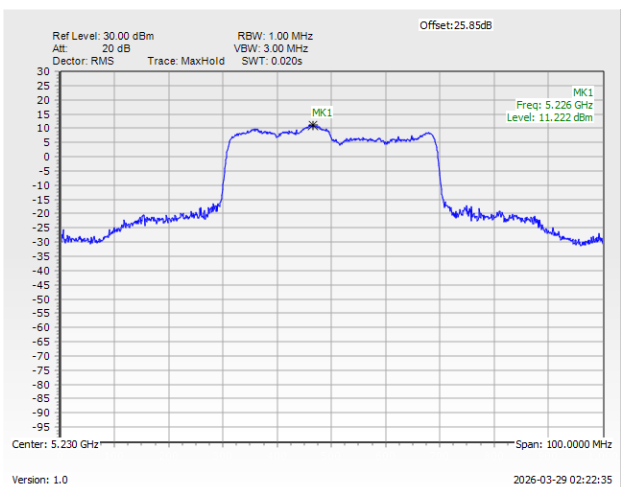
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



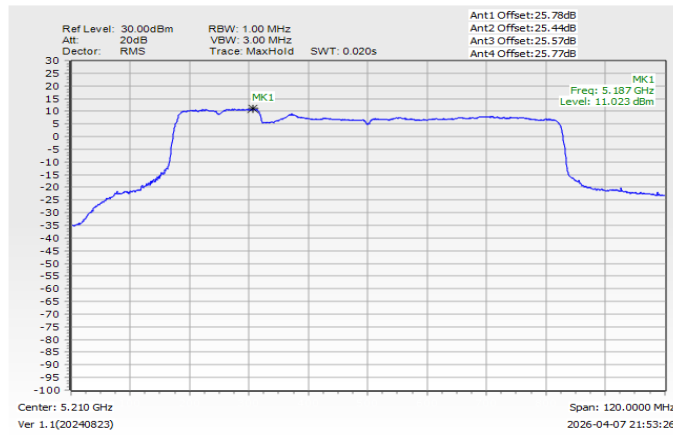
Maximum Power Density Plot Trace 3 (Ant 3)





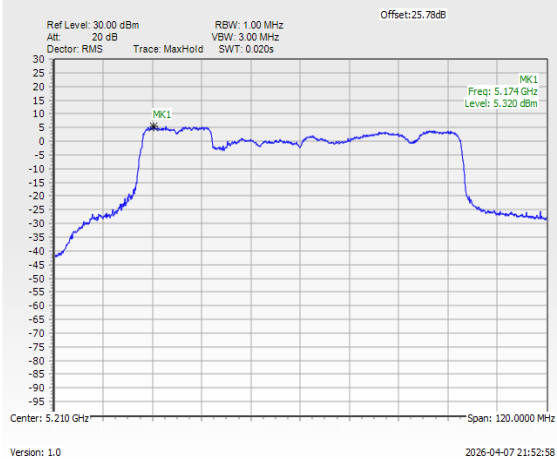
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

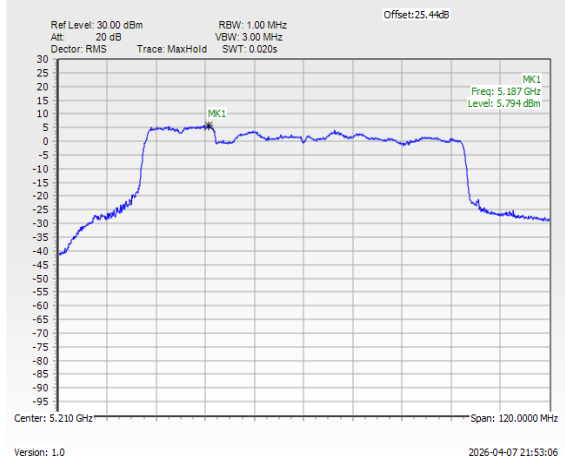


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

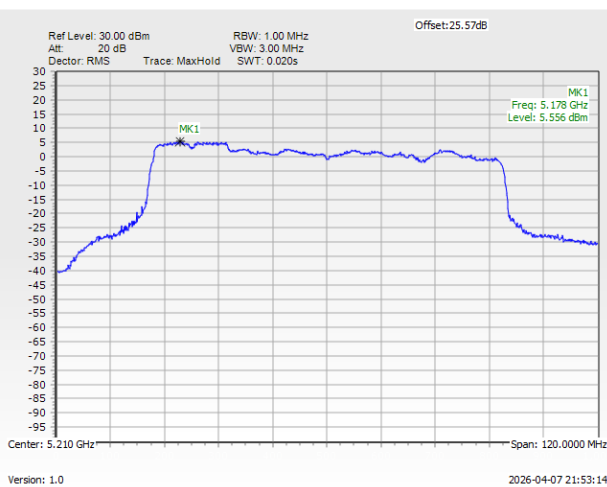
Maximum Power Density Plot Trace 1 (Ant 1)



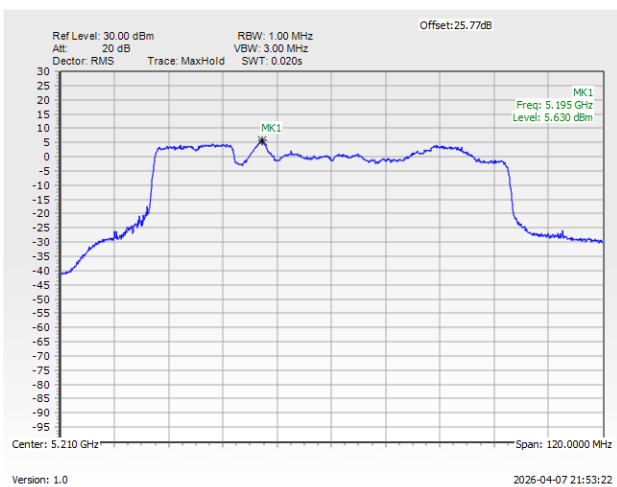
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



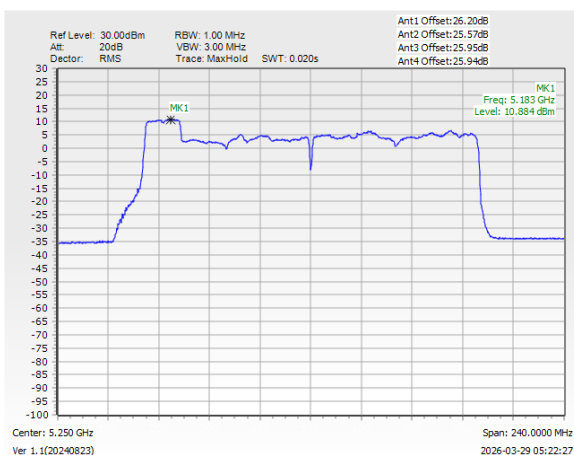
Maximum Power Density Plot Trace 3 (Ant 3)





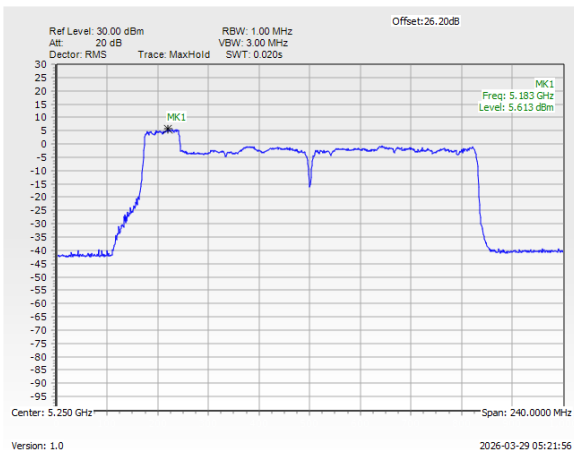
<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)

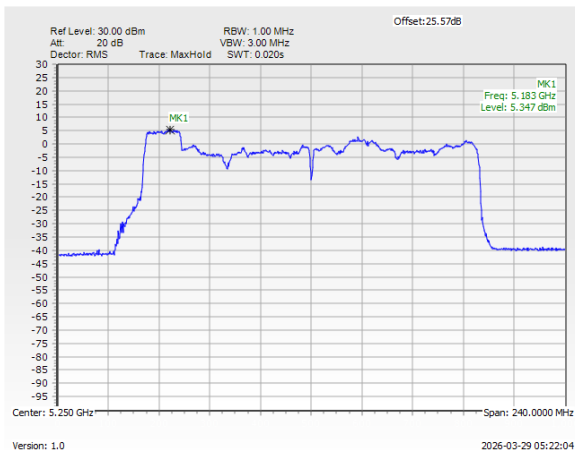


Remark: The test plot is showing a bin by bin combined result mathematically adds all traces.

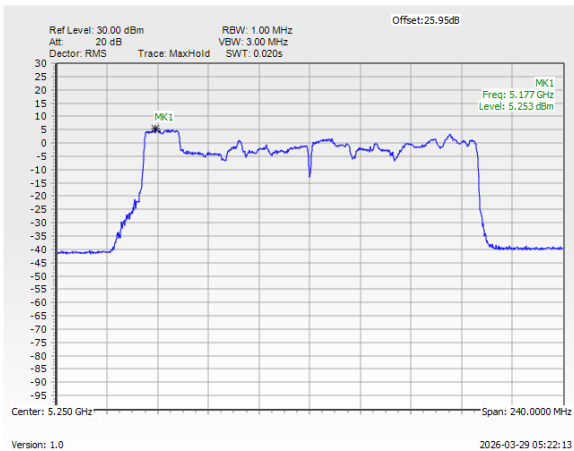
Maximum Power Density Plot Trace 1 (Ant 1)



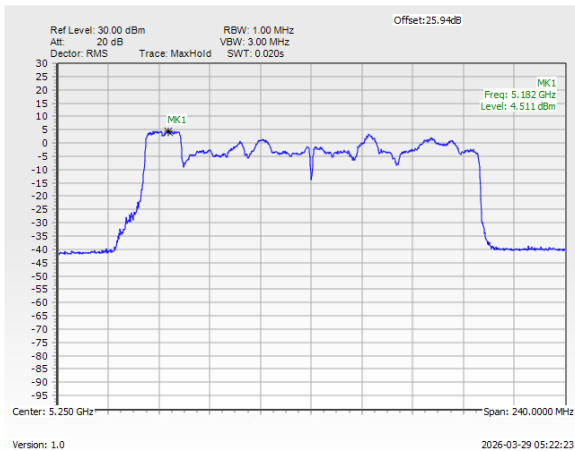
Maximum Power Density Plot Trace 2 (Ant 2)



Maximum Power Density Plot Trace 3 (Ant 3)



Maximum Power Density Plot Trace 3 (Ant 3)





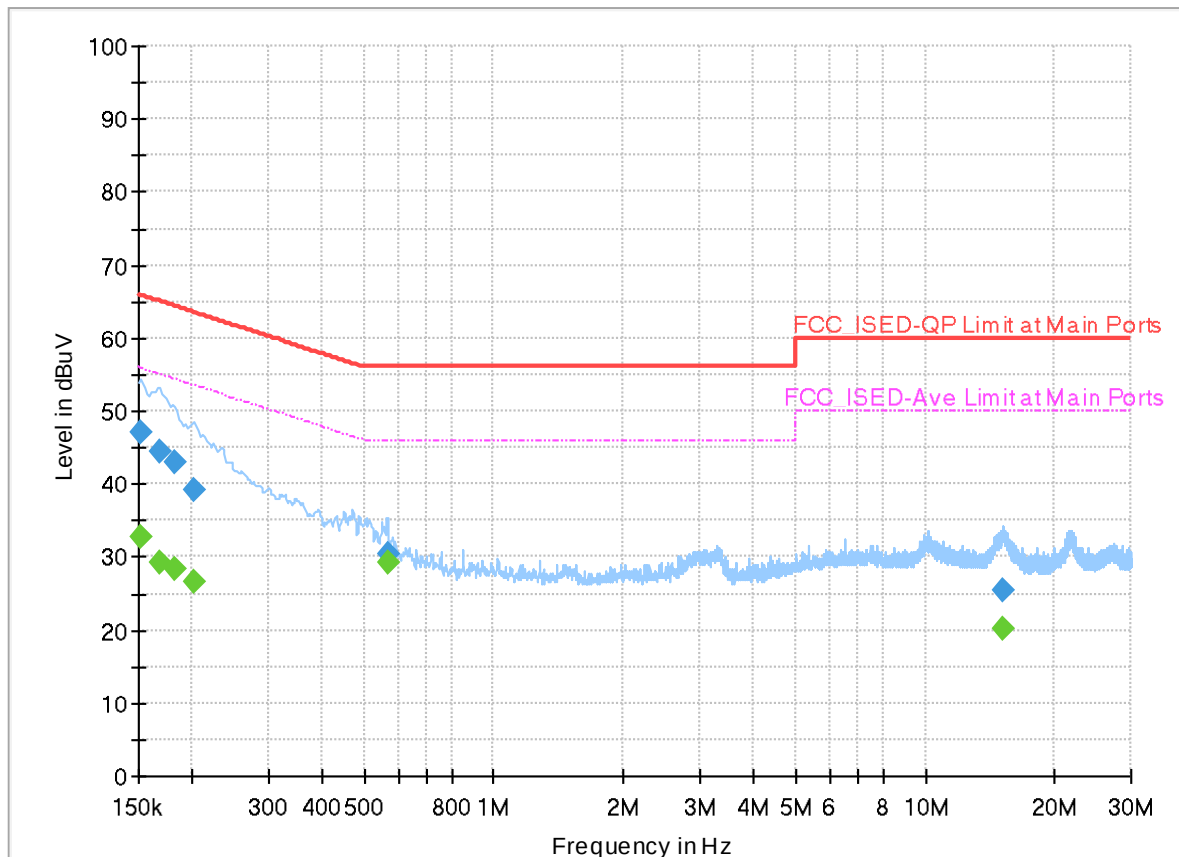
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 612627
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



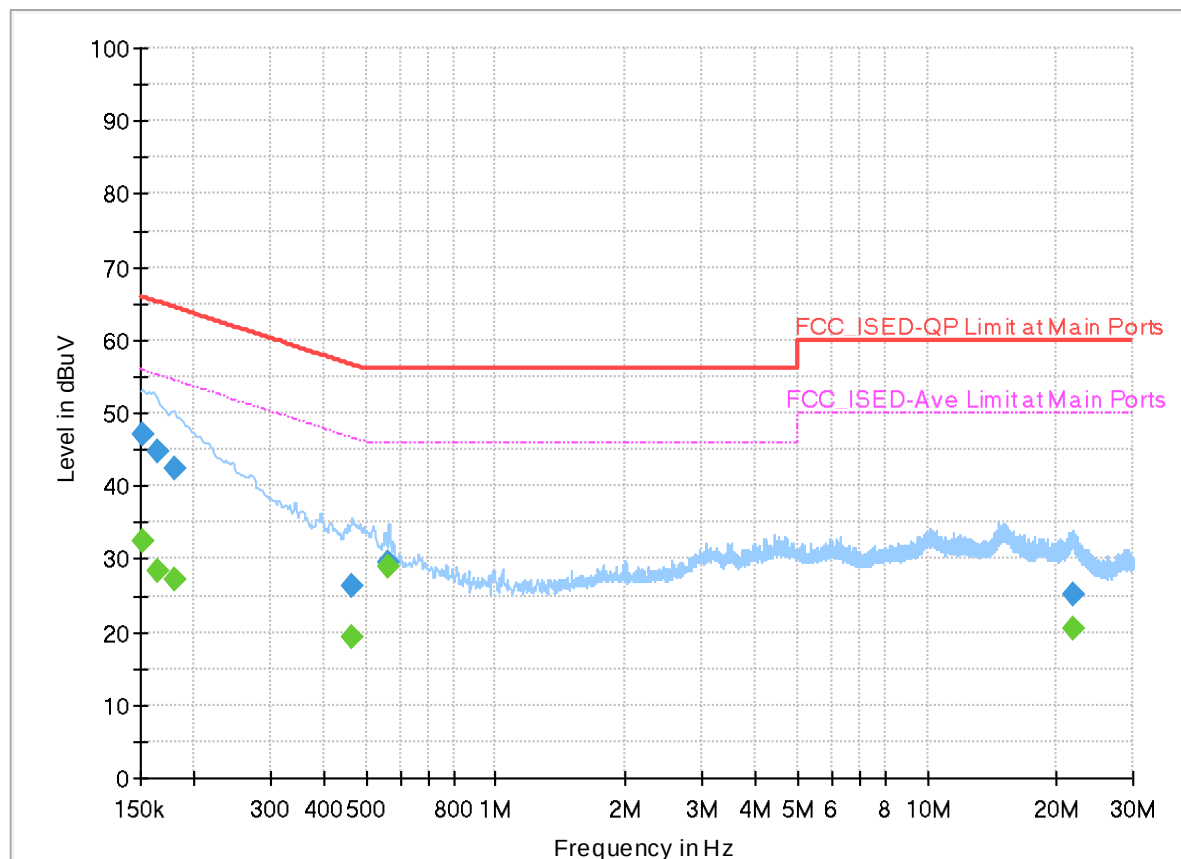
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.73	55.88	23.15	L1	ON	20.1
0.152250	47.12	---	65.88	18.76	L1	ON	20.1
0.168000	---	29.16	55.06	25.90	L1	ON	20.1
0.168000	44.49	---	65.06	20.57	L1	ON	20.1
0.181500	---	28.34	54.42	26.08	L1	ON	20.1
0.181500	43.04	---	64.42	21.38	L1	ON	20.1
0.201750	---	26.61	53.54	26.93	L1	ON	20.1
0.201750	39.17	---	63.54	24.37	L1	ON	20.1
0.566250	---	29.22	46.00	16.78	L1	ON	20.0
0.566250	30.29	---	56.00	25.71	L1	ON	20.0
15.137250	---	20.10	50.00	29.90	L1	ON	20.6
15.137250	25.46	---	60.00	34.54	L1	ON	20.6

EUT Information

Report NO : 612627
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.57	55.88	23.31	N	ON	20.1
0.152250	47.03	---	65.88	18.85	N	ON	20.1
0.163500	---	28.41	55.28	26.87	N	ON	20.1
0.163500	44.63	---	65.28	20.65	N	ON	20.1
0.179250	---	27.25	54.52	27.27	N	ON	20.1
0.179250	42.34	---	64.52	22.18	N	ON	20.1
0.465000	---	19.26	46.60	27.34	N	ON	20.0
0.465000	26.46	---	56.60	30.14	N	ON	20.0
0.564000	---	29.02	46.00	16.98	N	ON	20.0
0.564000	29.49	---	56.00	26.51	N	ON	20.0
21.844500	---	20.41	50.00	29.59	N	ON	20.9
21.844500	25.04	---	60.00	34.96	N	ON	20.9



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Sam Pan, Quentin Liu, Bigshow Wang	Temperature :	19~23°C
		Relative Humidity :	60~64.5%

Note symbol

-L	Low channel location
-R	High channel location



<CDD Mode>

C1.1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11a	40	5200	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT20	40	5200	MCS0	Full RU	-
Mode 6	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT20	48	5240	MCS0	Full RU	-
Mode 7	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT40	38	5190	MCS0	Full RU	-
Mode 8	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT40	46	5230	MCS0	Full RU	-
Mode 9	U-NII-1	5.15-5.25	DB 1+2+3+4 (CDD)	802.11be EHT80	42	5210	MCS0	Full RU	-
Mode 10	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11a	52	5260	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11a	60	5300	6Mbps	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11a	64	5320	6Mbps	-	-
Mode 13	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT20	52	5260	MCS0	Full RU	-
Mode 14	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT20	60	5300	MCS0	Full RU	-
Mode 15	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT20	64	5320	MCS0	Full RU	-
Mode 16	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT40	54	5270	MCS0	Full RU	-
Mode 17	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT40	62	5310	MCS0	Full RU	-
Mode 18	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT80	58	5290	MCS0	Full RU	-
Mode 19	U-NII-2A	5.25-5.35	DB 1+2+3+4 (CDD)	802.11be EHT160	50	5250	MCS0	Full RU	-
Mode 20	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11a	100	5500	6Mbps	-	-
Mode 21	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11a	116	5580	6Mbps	-	-
Mode 22	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11a	140	5700	6Mbps	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT20	100	5500	MCS0	Full RU	-
Mode 24	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT20	116	5580	MCS0	Full RU	-
Mode 25	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT20	140	5700	MCS0	Full RU	-
Mode 26	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT40	102	5510	MCS0	Full RU	-
Mode 27	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT40	110	5550	MCS0	Full RU	-
Mode 28	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT40	134	5670	MCS0	Full RU	-
Mode 29	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT80	106	5530	MCS0	Full RU	-
Mode 30	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT80	122	5610	MCS0	Full RU	-
Mode 31	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT160	114	5570	MCS0	Full RU	-
Mode 32	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11a	144	5720	6Mbps	-	-
Mode 33	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT20	144	5720	MCS0	Full RU	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT40	142	5710	MCS0	Full RU	-
Mode 35	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT80	138	5690	MCS0	Full RU	-
Mode 99	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT160	114	5570	MCS0	Full RU	LF
Mode 100	U-NII-2C	5.47-5.725	DB 1+2+3+4 (CDD)	802.11be EHT160	114	5570	MCS0	Full RU	SHF



C1.2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.91	53.68	54.00	-0.32	V	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	47.05	68.20	-21.15	H	Peak	Pass	-	Harmonic
2	802.11a	40	5149.94	52.92	54.00	-1.08	V	Avg.	Pass	-	Band Edge
	802.11a	40	10400.00	51.85	68.20	-16.35	V	Peak	Pass	-	Harmonic
3	802.11a	48	5145.50	53.59	54.00	-0.41	V	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	55.82	68.20	-12.38	H	Peak	Pass	-	Harmonic
4	802.11be EHT20	36	5148.20	53.07	54.00	-0.93	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	36	10360.00	47.64	68.20	-20.56	H	Peak	Pass	Full RU	Harmonic
5	802.11be EHT20	40	5148.05	53.11	54.00	-0.89	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	40	10400.00	51.26	68.20	-16.94	V	Peak	Pass	Full RU	Harmonic
6	802.11be EHT20	48	5145.00	52.09	54.00	-1.91	V	Avg.	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11be EHT20	48	10480.00	53.96	68.20	-14.24	V	Peak	Pass	Full RU	Harmonic
7	802.11be EHT40	38	5149.34	52.66	54.00	-1.34	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	38	10380.00	47.06	68.20	-21.14	V	Peak	Pass	Full RU	Harmonic
8	802.11be EHT40	46	5146.50	53.46	54.00	-0.54	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	46	10460.00	47.52	68.20	-20.68	V	Peak	Pass	Full RU	Harmonic
9	802.11be EHT80	42	5146.00	53.26	54.00	-0.74	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	42	10420.00	47.87	68.20	-20.33	H	Peak	Pass	Full RU	Harmonic
10	802.11a	52	5352.48	50.76	54.00	-3.24	H	Avg.	Pass	-	Band Edge
	802.11a	52	10520.00	55.38	68.20	-12.82	H	Peak	Pass	-	Harmonic
11	802.11a	60	5350.01	53.71	54.00	-0.29	H	Avg.	Pass	-	Band Edge
	802.11a	60	10600.00	42.77	54.00	-11.23	H	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11a	64	5350.05	53.72	54.00	-0.28	H	Avg.	Pass	-	Band Edge
	802.11a	64	10640.00	46.99	74.00	-27.01	H	Peak	Pass	-	Harmonic
13	802.11be EHT20	52	5353.11	52.98	54.00	-1.02	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	52	10520.00	54.19	68.20	-14.01	V	Peak	Pass	Full RU	Harmonic
14	802.11be EHT20	60	5352.90	53.57	54.00	-0.43	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	60	10600.00	41.04	54.00	-12.96	V	Avg.	Pass	Full RU	Harmonic
15	802.11be EHT20	64	5361.45	52.43	54.00	-1.57	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	64	10640.00	47.12	74.00	-26.88	V	Peak	Pass	Full RU	Harmonic
16	802.11be EHT40	54	5351.43	52.72	54.00	-1.28	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	54	10540.00	47.58	68.20	-20.62	V	Peak	Pass	Full RU	Harmonic
17	802.11be EHT40	62	5351.54	52.87	54.00	-1.13	H	Avg.	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11be EHT40	62	15930.00	47.98	74.00	-26.02	V	Peak	Pass	Full RU	Harmonic
18	802.11be EHT80	58	5351.22	52.92	54.00	-1.08	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	58	15870.00	40.49	54.00	-13.51	H	Avg.	Pass	Full RU	Harmonic
19	802.11be EHT160	50	5362.85	53.27	54.00	-0.73	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	50	10500.00	46.91	68.20	-21.29	V	Peak	Pass	Full RU	Harmonic
20	802.11a	100	5468.88	67.19	68.20	-1.01	V	Peak	Pass	-	Band Edge
	802.11a	100	11000.00	47.24	54.00	-6.76	V	Avg.	Pass	-	Harmonic
21	802.11a	116	5418.08	48.19	54.00	-5.81	V	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	50.41	54.00	-3.59	V	Avg.	Pass	-	Harmonic
22	802.11a	140	5726.75	66.35	68.20	-1.85	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	52.56	54.00	-1.44	V	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11be EHT20	100	5456.72	53.69	54.00	-0.31	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	100	11000.00	46.43	54.00	-7.57	V	Avg.	Pass	Full RU	Harmonic
24	802.11be EHT20	116	5428.89	48.73	54.00	-5.27	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	116	11160.00	50.88	54.00	-3.12	V	Avg.	Pass	Full RU	Harmonic
25	802.11be EHT20	140	5725.78	67.21	68.20	-0.99	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	140	11400.00	51.49	54.00	-2.51	V	Avg.	Pass	Full RU	Harmonic
26	802.11be EHT40	102	5456.74	53.36	54.00	-0.64	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	102	11020.00	43.18	54.00	-10.82	H	Avg.	Pass	Full RU	Harmonic
27	802.11be EHT40	110	5456.48	53.15	54.00	-0.85	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	110	11100.00	44.42	54.00	-9.58	V	Avg.	Pass	Full RU	Harmonic
28	802.11be EHT40	134	5726.48	67.31	68.20	-0.89	H	Peak	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
28	802.11be EHT40	134	11340.00	46.28	54.00	-7.72	V	Avg.	Pass	Full RU	Harmonic
29	802.11be EHT80	106	5456.70	53.57	54.00	-0.43	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	106	11060.00	44.80	54.00	-9.20	V	Avg.	Pass	Full RU	Harmonic
30	802.11be EHT80	122	5456.50	52.80	54.00	-1.20	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	122	11220.00	45.86	54.00	-8.14	V	Avg.	Pass	Full RU	Harmonic
31	802.11be EHT160	114	5461.90	68.08	68.20	-0.12	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT160	114	11140.00	41.48	54.00	-12.52	V	Avg.	Pass	Full RU	Harmonic
32	802.11a	144	-	-	-	-	-	-	-	-	Band Edge
	802.11a	144	11440.00	51.32	54.00	-2.68	V	Avg.	Pass	-	Harmonic
33	802.11be EHT20	144	-	-	-	-	-	-	-	Full RU	Band Edge
	802.11be EHT20	144	11440.00	50.59	54.00	-3.41	V	Avg.	Pass	Full RU	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	802.11be EHT40	142	-	-	-	-	-	-	-	Full RU	Band Edge
	802.11be EHT40	142	11420.00	47.34	54.00	-6.66	V	Avg.	Pass	Full RU	Harmonic
35	802.11be EHT80	138	-	-	-	-	-	-	-	Full RU	Band Edge
	802.11be EHT80	138	11380.00	45.42	54.00	-8.58	V	Avg.	Pass	Full RU	Harmonic
99	LF	114	36.79	34.67	40.00	-5.33	V	QP	Pass	-	LF
100	SHF	114	39345.47	47.41	74.00	-26.59	H	Peak	Pass	-	SHF



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Mode	Band Edge																																																																																																
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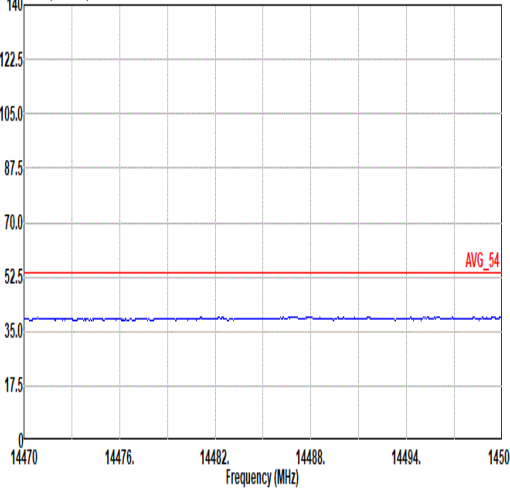
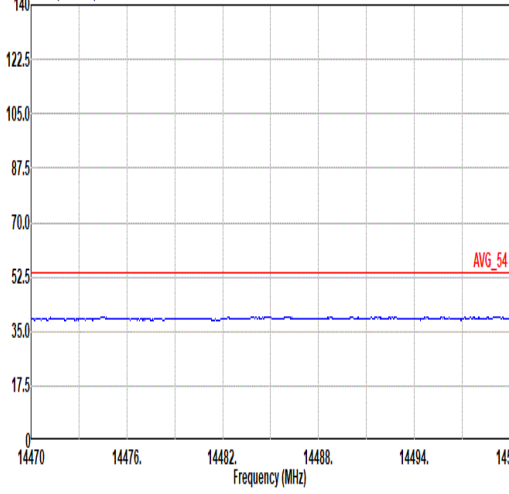
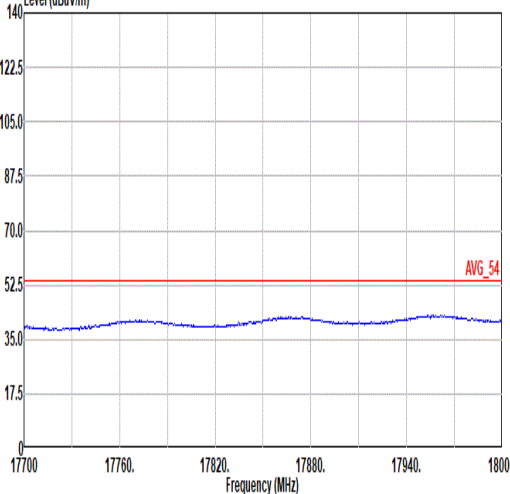
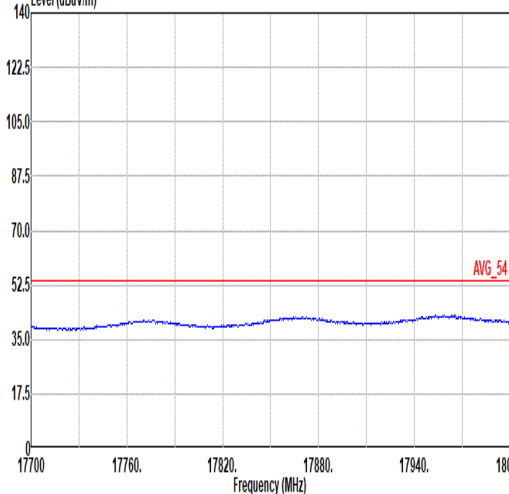


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ANT	DB 1+2+3+4 (CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-03-13  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2026-03-13  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL
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