FCC RADIO TEST REPORT

FCC ID	:	**G95601TX**
Equipment	:	**DOCSIS 4.0 Residential Gateway**
Brand Name	:	**Vantiva**
Model Name	:	**CGM601TCOM, CGM601TCOX**
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 Nov. 01, 2024 and testing was performed from Nov. 11, 2024 to Jan. 16, 2025. 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.

Louis Wu

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
FR4O1125D	01	Initial issue of report	Jan. 23, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
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/manufacturer 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:

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.

Reviewed by: Wei Chen

Report Producer: Lucy Wu

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: **<Ant. 5>:** Dipole Antenna **<Ant. 6>:** Dipole Antenna **<Ant. 7>:** Dipole Antenna **<Ant. 8>:** Dipole Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	**<Ant. 5>:** 4.29 **<Ant. 6>:** 4.69 **<Ant. 7>:** 4.08 **<Ant. 8>:** 4.00
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	**<Ant. 5>:** 4.27 **<Ant. 6>:** 4.66 **<Ant. 7>:** 4.42 **<Ant. 8>:** 3.85
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	**<Ant. 5>:** 4.41 **<Ant. 6>:** 5.45 **<Ant. 7>:** 4.60 **<Ant. 8>:** 5.01

Antenna information for Directional Gain		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	**MIMO <Ant. 5+6+7+8>:** 6.00
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	**MIMO <Ant. 5+6+7+8>:** 5.97
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	**MIMO <Ant. 5+6+7+8>:** 6.48

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

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY (TAF Code: 1190)
Remark	The AC Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

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

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.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH20-HY

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

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- 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.
- ANSI C63.10-2013

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.

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). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

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 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.

Only full RU is supported for 11ax and 11be.

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

CDD Mode

<Nss = 1>

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

<Nss = 2>

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

TXBF Mode

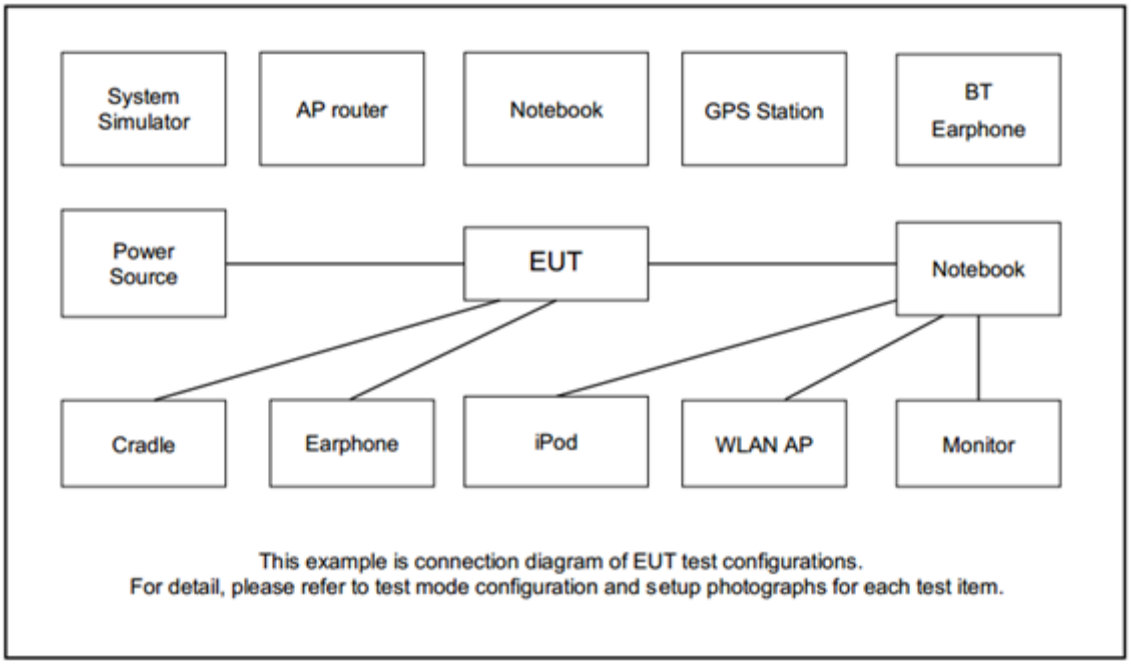
Modulation	Data Rate
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (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. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.
2. The detailed Radiated test modes are shown in Appendix C.

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 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “Access Manual Tool3.3.0.9” 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 “putty release 0.70” 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.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

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.

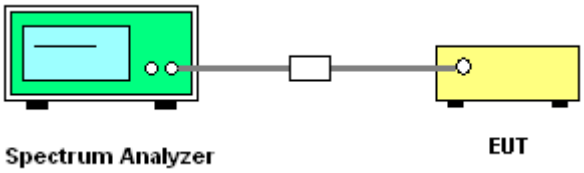
3.1.2 Measuring Instruments

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) ≥ 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

<FCC 14-30 CFR 15.407>

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 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>

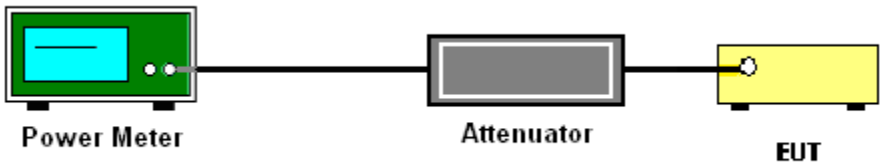
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

<FCC 14-30 CFR 15.407>

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.

 # Method SA-2 #

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

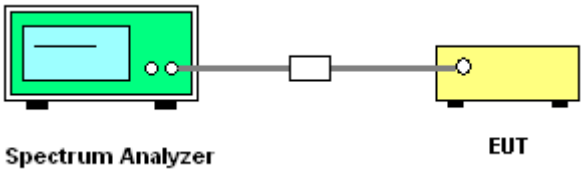
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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.

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

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

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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 ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

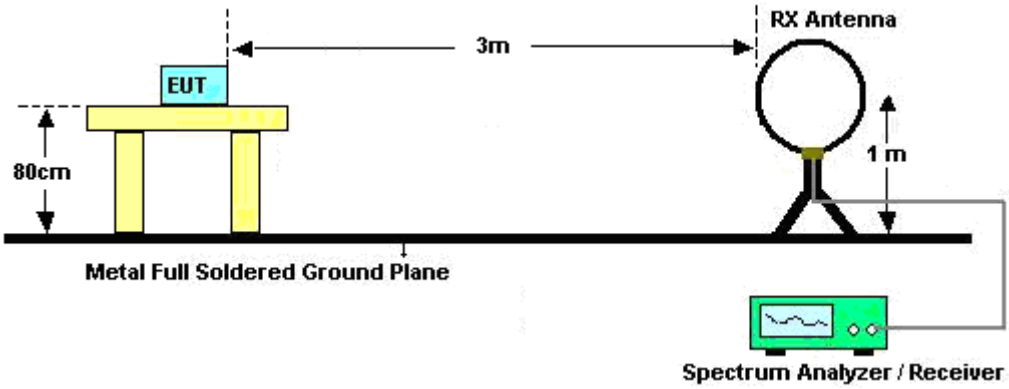
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 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 "-".

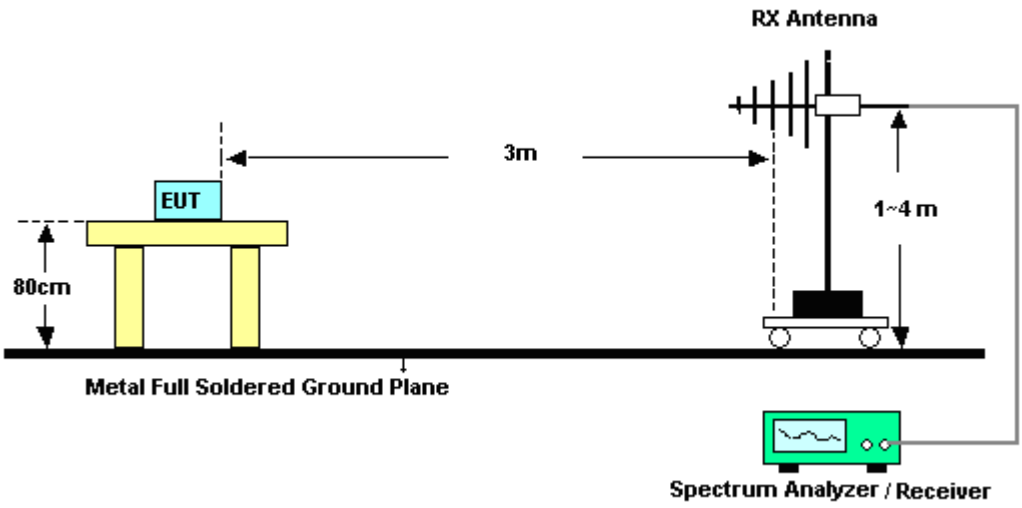
3.4.4 Test Setup

For radiated emissions below 30MHz

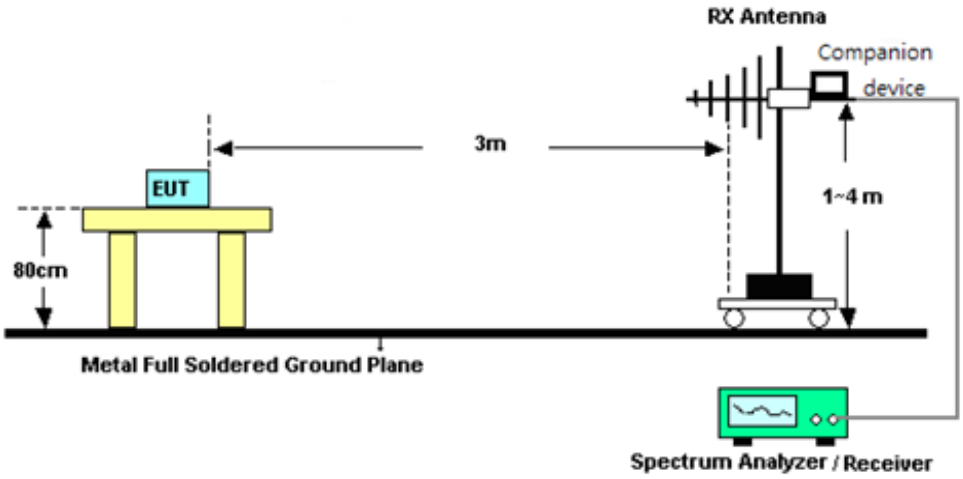


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

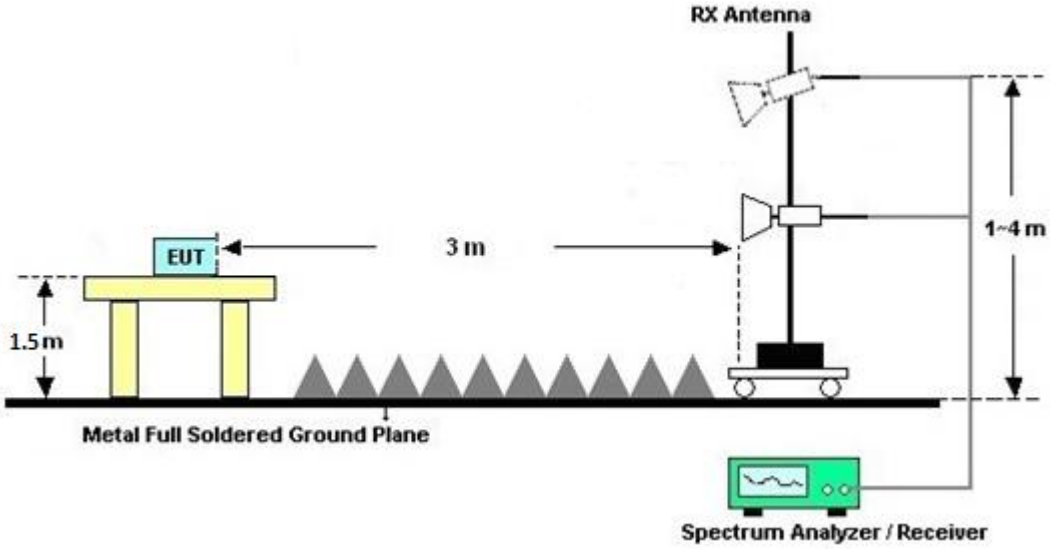


<TXBF Modes>

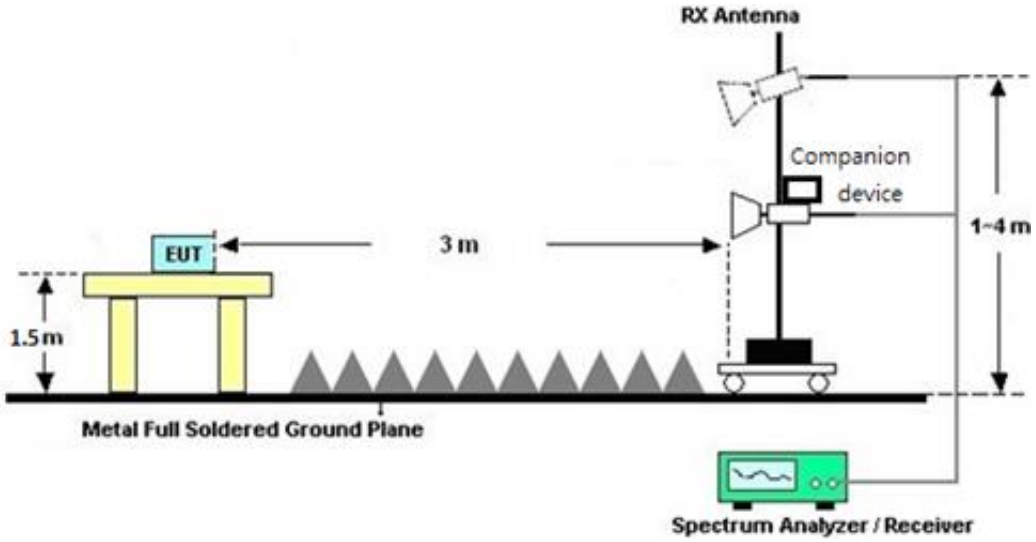


For radiated test from 1GHz to 18GHz

<CDD Mode>

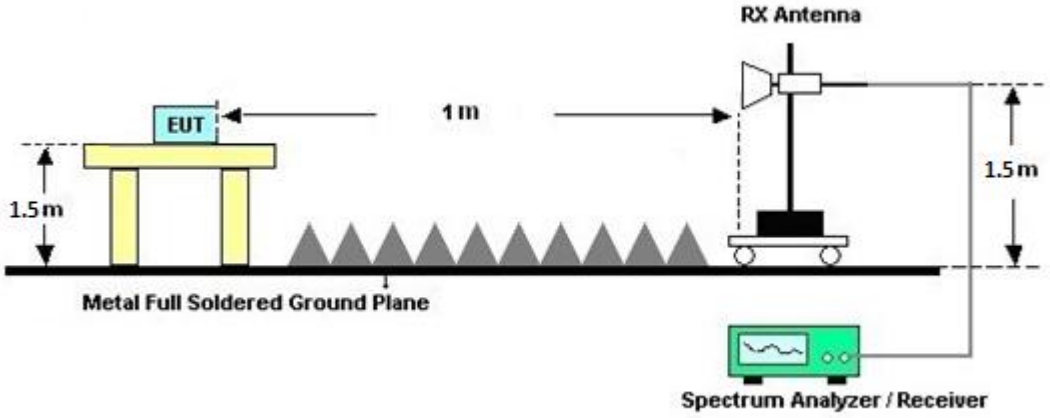


<TXBF Modes>

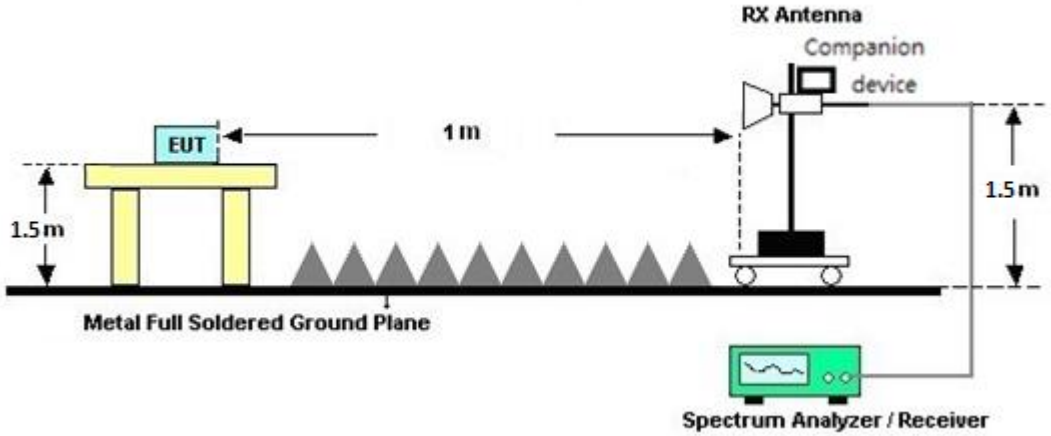


For radiated test above 18GHz

<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 (dBμV)	
	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.

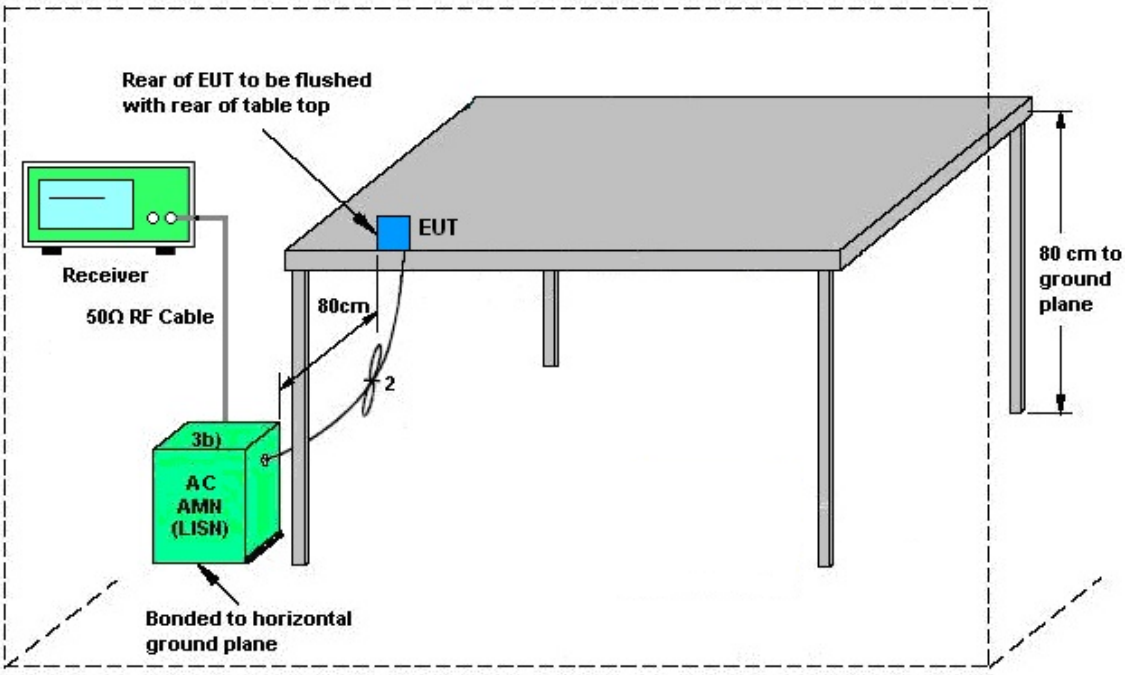
3.5.2 Measuring Instruments

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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Dec. 04, 2024~ Jan. 14, 2025	Aug. 28, 2025	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Dec. 04, 2024~ Jan. 14, 2025	Feb. 03, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 20, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jun. 19, 2025	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1220	18GHz~40GHz	Oct. 25, 2024	Dec. 04, 2024~ Jan. 14, 2025	Oct. 24, 2025	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 25, 2023	Dec. 04, 2024~ Dec. 23, 2024	Dec. 24, 2024	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 24, 2024	Dec. 24, 2024~ Jan. 14, 2025	Dec. 23, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM01G18G	060837	1GHz~18GHz	Feb. 15, 2024	Dec. 04, 2024~ Jan. 14, 2025	Feb. 14, 2025	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 29, 2024	Dec. 04, 2024~ Jan. 14, 2025	Feb. 28, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Dec. 04, 2024~ Jan. 14, 2025	May 26, 2025	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 11, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jul. 10, 2025	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 16, 2024	Dec. 04, 2024~ Jan. 14, 2025	Oct. 15, 2025	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 04, 2024~ Jan. 14, 2025	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 04, 2024~ Jan. 14, 2025	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Dec. 04, 2024~ Jan. 14, 2025	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, 519228/2,803950/2	N/A	Jun. 11, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jun. 10, 2025	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40G	Jan. 02, 2024	Dec. 04, 2024~ Dec. 30, 2024	Jan. 01, 2025	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40G	Dec. 31, 2024	Dec. 31, 2024~ Jan. 14, 2025	Dec. 30, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 05, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	Wainwright	HKX12-2700-3000-18000-60ST	SN4	3GHz High Pass Filter	Jun. 05, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jun. 05, 2024	Dec. 04, 2024~ Jan. 14, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Aug. 29, 2024	Dec. 04, 2024~ Jan. 14, 2025	Aug. 28, 2025	Radiation (03CH15-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 27, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	Nov. 27, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 14, 2024	Nov. 27, 2024	Oct. 13, 2025	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 14, 2024	Nov. 27, 2024	Nov. 13, 2025	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Nov. 27, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 30, 2024	Nov. 27, 2024	Jul. 29, 2025	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 15, 2024	Nov. 27, 2024	Oct. 14, 2025	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Nov. 11, 2024~ Jan. 16, 2025	Oct. 30, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO36 (NO:35_144)	10MHz~6GHz	Aug. 20, 2024	Nov. 11, 2024~ Jan. 16, 2025	Aug. 19, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Jan. 24, 2024	Nov. 11, 2024~ Jan. 16, 2025	Jan. 23, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Nov. 11, 2024~ Jan. 16, 2025	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_241211	N/A	Conducted Other Test Item	N/A	Nov. 11, 2024~ Jan. 16, 2025	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

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.30 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.40 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.40 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.20 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer	Eason Huang and Ju Chang	Temperature	21~25	°C
Test Date	2024/11/11~2025/01/16	Relative Humidity	51~54	%

<CDD Mode>
<Nss = 1>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8
11a	6Mbps	4	36	5180	25.328	28.112	26.136	23.520	17.490	17.636	17.506	17.514	22.43
11a	6Mbps	4	40	5200	22.200	25.056	22.800	23.376	17.503	17.404	17.242	17.365	22.37
11a	6Mbps	4	44	5220	22.280	22.768	27.016	21.984	17.449	17.456	17.471	17.225	22.36
11a	6Mbps	4	48	5240	23.424	28.864	25.400	26.472	17.499	17.918	17.403	17.577	22.41
VHT20	MCS0	4	36	5180	25.632	26.472	27.368	26.264	18.510	18.405	18.391	18.343	22.63
VHT20	MCS0	4	40	5200	27.864	23.336	22.608	24.560	18.479	18.227	18.229	18.312	22.61
VHT20	MCS0	4	44	5220	24.968	27.872	26.848	23.920	18.455	18.280	18.415	18.218	22.60
VHT20	MCS0	4	48	5240	24.952	30.240	24.808	26.496	18.495	18.577	18.290	18.372	22.62
VHT40	MCS0	4	38	5190	63.552	65.584	58.144	53.296	37.306	37.095	37.037	36.067	23.01
VHT40	MCS0	4	46	5230	61.008	68.656	59.456	51.856	37.148	37.135	37.149	37.026	23.01
VHT80	MCS0	4	42	5210	101.248	87.424	93.280	93.376	75.962	75.894	75.960	75.967	23.01
VHT160	MCS0	4	50	5250	164.928	166.176	164.880	164.448	154.605	154.809	154.562	154.726	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	36	5180	20.00	19.60	20.00	19.80	25.87	30.00	4.69	Pass
11a	6Mbps	4	40	5200	22.50	23.30	22.50	22.60	28.76	30.00	4.69	Pass
11a	6Mbps	4	44	5220	22.90	23.60	22.60	22.70	28.99	30.00	4.69	Pass
11a	6Mbps	4	48	5240	22.90	23.60	22.70	22.80	29.04	30.00	4.69	Pass
HT20	MCS0	4	36	5180	19.10	19.00	18.90	19.10	25.05	30.00	4.69	Pass
HT20	MCS0	4	40	5200	22.30	23.00	22.20	22.40	28.51	30.00	4.69	Pass
HT20	MCS0	4	44	5220	23.10	23.80	22.70	22.80	29.14	30.00	4.69	Pass
HT20	MCS0	4	48	5240	22.90	23.90	22.50	23.00	29.13	30.00	4.69	Pass
HT40	MCS0	4	38	5190	16.90	17.00	16.60	17.20	22.95	30.00	4.69	Pass
HT40	MCS0	4	46	5230	21.20	21.50	20.70	21.10	27.15	30.00	4.69	Pass
VHT20	MCS0	4	36	5180	19.20	19.10	19.00	19.20	25.15	30.00	4.69	Pass
VHT20	MCS0	4	40	5200	22.40	23.10	22.30	22.50	28.61	30.00	4.69	Pass
VHT20	MCS0	4	44	5220	23.20	23.90	22.80	22.90	29.24	30.00	4.69	Pass
VHT20	MCS0	4	48	5240	23.00	24.00	22.60	23.10	29.23	30.00	4.69	Pass
VHT40	MCS0	4	38	5190	17.00	17.10	16.70	17.30	23.05	30.00	4.69	Pass
VHT40	MCS0	4	46	5230	21.30	21.60	20.80	21.20	27.25	30.00	4.69	Pass
VHT80	MCS0	4	42	5210	17.10	17.30	16.00	16.80	22.85	30.00	4.69	Pass
VHT160	MCS0	4	50	5250	16.40	16.50	16.10	16.30	22.35	30.00	4.69	Pass

Report Number : FR4O1125D

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	36	5180	0.23	0.23	0.23	0.23	13.64	17	6.00	Pass
11a	6Mbps	4	40	5200	0.23	0.23	0.23	0.23	16.44	17	6.00	Pass
11a	6Mbps	4	44	5220	0.23	0.23	0.23	0.23	16.84	17	6.00	Pass
11a	6Mbps	4	48	5240	0.23	0.23	0.23	0.23	16.95	17	6.00	Pass
VHT20	MCS0	4	36	5180	0.08	0.08	0.08	0.08	12.68	17	6.00	Pass
VHT20	MCS0	4	40	5200	0.08	0.08	0.08	0.08	15.90	17	6.00	Pass
VHT20	MCS0	4	44	5220	0.08	0.08	0.08	0.08	16.84	17	6.00	Pass
VHT20	MCS0	4	48	5240	0.08	0.08	0.08	0.08	16.76	17	6.00	Pass
VHT40	MCS0	4	38	5190	0.16	0.16	0.16	0.16	7.83	17	6.00	Pass
VHT40	MCS0	4	46	5230	0.16	0.16	0.16	0.16	12.15	17	6.00	Pass
VHT80	MCS0	4	42	5210	0.31	0.31	0.31	0.31	4.92	17	6.00	Pass
VHT160	MCS0	4	50	5250	0.55	0.55	0.55	0.55	1.83	17	6.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	52	5260	24.552	23.616	23.680	29.040	23.98	
11a	6Mbps	4	60	5300	24.872	23.760	28.576	24.960	23.98	
11a	6Mbps	4	64	5320	28.296	24.880	25.936	27.112	23.98	
VHT20	MCS0	4	52	5260	27.032	26.128	24.160	29.248	23.98	
VHT20	MCS0	4	60	5300	29.992	25.472	28.984	26.960	23.98	
VHT20	MCS0	4	64	5320	29.800	27.224	26.976	32.256	23.98	
VHT40	MCS0	4	54	5270	57.824	49.936	53.488	49.840	23.98	
VHT40	MCS0	4	62	5310	65.232	67.680	59.520	57.584	23.98	
VHT80	MCS0	4	58	5290	98.432	94.176	90.688	83.968	23.98	

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
11a	6Mbps	4	52	5260	17.577	17.571	17.394	17.744	23.40	29.40			
11a	6Mbps	4	60	5300	17.603	17.491	17.569	17.472	23.42	29.42			
11a	6Mbps	4	64	5320	17.666	17.573	17.479	17.701	23.43	29.43			
VHT20	MCS0	4	52	5260	18.543	18.269	18.300	18.520	23.62	29.62			
VHT20	MCS0	4	60	5300	18.604	18.301	18.464	18.394	23.62	29.62			
VHT20	MCS0	4	64	5320	18.578	18.360	18.381	18.550	23.64	29.64			
VHT40	MCS0	4	54	5270	37.196	36.976	37.011	37.052	23.98	30.00			
VHT40	MCS0	4	62	5310	37.602	37.152	37.135	37.146	23.98	30.00			
VHT80	MCS0	4	58	5290	76.005	75.939	75.958	75.983	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
11a	6Mbps	4	52	5260	17.00	17.30	16.90	16.70	23.00	23.98	4.66	27.66	30.00	Pass
11a	6Mbps	4	60	5300	16.80	17.40	16.90	16.70	22.98	23.98	4.66	27.64	30.00	Pass
11a	6Mbps	4	64	5320	16.80	17.20	17.00	16.80	22.97	23.98	4.66	27.63	30.00	Pass
HT20	MCS0	4	52	5260	17.00	17.40	17.00	16.90	23.10	23.98	4.66	27.76	30.00	Pass
HT20	MCS0	4	60	5300	17.40	17.30	17.00	16.50	23.08	23.98	4.66	27.74	30.00	Pass
HT20	MCS0	4	64	5320	17.20	17.30	16.90	16.70	23.05	23.98	4.66	27.71	30.00	Pass
HT40	MCS0	4	54	5270	17.20	17.20	16.90	17.10	23.12	23.98	4.66	27.78	30.00	Pass
HT40	MCS0	4	62	5310	17.30	17.40	16.90	17.00	23.18	23.98	4.66	27.84	30.00	Pass
VHT20	MCS0	4	52	5260	17.10	17.50	17.10	17.00	23.20	23.98	4.66	27.86	30.00	Pass
VHT20	MCS0	4	60	5300	17.50	17.40	17.10	16.60	23.18	23.98	4.66	27.84	30.00	Pass
VHT20	MCS0	4	64	5320	17.30	17.40	17.00	16.80	23.15	23.98	4.66	27.81	30.00	Pass
VHT40	MCS0	4	54	5270	17.30	17.30	17.00	17.20	23.22	23.98	4.66	27.88	30.00	Pass
VHT40	MCS0	4	62	5310	17.40	17.50	17.00	17.10	23.28	23.98	4.66	27.94	30.00	Pass
VHT80	MCS0	4	58	5290	17.40	18.00	17.20	17.60	23.58	23.98	4.66	28.24	30.00	Pass

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TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	52	5260	0.23	0.23	0.23	0.23	10.94	11.00	5.97	Pass
11a	6Mbps	4	60	5300	0.23	0.23	0.23	0.23	10.82	11.00	5.97	Pass
11a	6Mbps	4	64	5320	0.23	0.23	0.23	0.23	10.95	11.00	5.97	Pass
VHT20	MCS0	4	52	5260	0.08	0.08	0.08	0.08	10.94	11.00	5.97	Pass
VHT20	MCS0	4	60	5300	0.08	0.08	0.08	0.08	10.91	11.00	5.97	Pass
VHT20	MCS0	4	64	5320	0.08	0.08	0.08	0.08	10.77	11.00	5.97	Pass
VHT40	MCS0	4	54	5270	0.16	0.16	0.16	0.16	8.05	11.00	5.97	Pass
VHT40	MCS0	4	62	5310	0.16	0.16	0.16	0.16	8.17	11.00	5.97	Pass
VHT80	MCS0	4	58	5290	0.31	0.31	0.31	0.31	5.70	11.00	5.97	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
11a	6Mbps	4	100	5500	24.776	25.808	28.224	25.832	23.98	----	----	----	----
11a	6Mbps	4	116	5580	24.968	22.992	25.120	24.176	23.98	----	----	----	----
11a	6Mbps	4	140	5700	21.704	21.776	21.656	21.552	23.98	----	----	----	----
VHT20	MCS0	4	100	5500	26.912	28.664	28.696	27.424	23.98	----	----	----	----
VHT20	MCS0	4	116	5580	26.864	23.576	25.544	26.872	23.98	----	----	----	----
VHT20	MCS0	4	140	5700	22.072	21.904	21.984	21.992	23.98	----	----	----	----
VHT40	MCS0	4	102	5510	54.512	55.424	52.208	56.080	23.98	----	----	----	----
VHT40	MCS0	4	110	5550	53.744	54.192	59.248	53.296	23.98	----	----	----	----
VHT40	MCS0	4	134	5670	58.464	57.136	54.848	53.152	23.98	----	----	----	----
VHT80	MCS0	4	106	5530	91.200	98.048	94.944	84.736	23.98	----	----	----	----
VHT80	MCS0	4	122	5610	95.616	88.992	88.576	84.992	23.98	----	----	----	----
VHT160	MCS0	4	114	5570	164.688	165.504	164.496	163.728	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
11a	6Mbps	4	144	5720	16.87	16.39	17.07	18.01	23.15	3.28	3.25	3.26	3.21
VHT20	MCS0	4	144	5720	18.02	18.06	18.41	19.30	23.56	3.88	3.89	3.88	3.88
VHT40	MCS0	4	142	5710	42.62	42.71	42.12	40.39	23.98	3.27	3.28	3.27	3.26
VHT80	MCS0	4	138	5690	78.20	77.94	77.69	77.18	23.98	3.02	3.24	3.02	2.98

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
11a	6Mbps	4	100	5500	17.590	17.665	17.582	17.514	23.43	29.43
11a	6Mbps	4	116	5580	17.560	17.433	17.362	17.472	23.40	29.40
11a	6Mbps	4	140	5700	17.193	17.203	17.074	17.010	23.31	29.31
VHT20	MCS0	4	100	5500	18.519	18.471	18.399	18.371	23.64	29.64
VHT20	MCS0	4	116	5580	18.522	18.275	18.355	18.354	23.62	29.62
VHT20	MCS0	4	140	5700	18.235	18.009	18.078	18.048	23.55	29.55
VHT40	MCS0	4	102	5510	37.198	36.980	37.016	37.080	23.98	30.00
VHT40	MCS0	4	110	5550	37.162	37.048	37.134	37.010	23.98	30.00
VHT40	MCS0	4	134	5670	37.165	37.022	37.125	37.061	23.98	30.00
VHT80	MCS0	4	106	5530	76.018	75.916	75.978	75.955	23.98	30.00
VHT80	MCS0	4	122	5610	75.913	75.935	75.960	75.969	23.98	30.00
VHT160	MCS0	4	114	5570	154.524	154.795	154.675	154.655	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
11a	6Mbps	4	144	5720	13.69	13.67	13.61	13.64	22.34	28.34
VHT20	MCS0	4	144	5720	14.18	14.08	14.11	14.08	22.49	28.49
VHT40	MCS0	4	142	5710	33.56	33.45	33.48	33.38	23.98	30.00
VHT80	MCS0	4	138	5690	72.86	72.81	72.82	72.88	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
11a	6Mbps	4	100	5500	17.00	17.40	16.60	16.80	22.98	23.98	5.45	28.43	30.00	Pass
11a	6Mbps	4	116	5580	16.60	17.00	16.20	16.90	22.71	23.98	5.45	28.16	30.00	Pass
11a	6Mbps	4	140	5700	17.00	18.30	16.70	17.40	23.41	23.98	5.45	28.86	30.00	Pass
HT20	MCS0	4	100	5500	17.10	17.80	16.80	17.30	23.29	23.98	5.45	28.74	30.00	Pass
HT20	MCS0	4	116	5580	16.30	16.40	15.80	17.00	22.42	23.98	5.45	27.87	30.00	Pass
HT20	MCS0	4	140	5700	16.80	18.20	16.40	17.50	23.30	23.98	5.45	28.75	30.00	Pass
HT40	MCS0	4	102	5510	17.30	17.80	16.70	17.70	23.42	23.98	5.45	28.87	30.00	Pass
HT40	MCS0	4	110	5550	17.60	17.90	16.80	17.30	23.44	23.98	5.45	28.89	30.00	Pass
HT40	MCS0	4	134	5670	17.50	18.10	16.50	16.90	23.31	23.98	5.45	28.76	30.00	Pass
VHT20	MCS0	4	100	5500	17.20	17.90	16.90	17.40	23.39	23.98	5.45	28.84	30.00	Pass
VHT20	MCS0	4	116	5580	16.40	16.50	15.90	17.10	22.52	23.98	5.45	27.97	30.00	Pass
VHT20	MCS0	4	140	5700	16.90	18.30	16.50	17.60	23.40	23.98	5.45	28.85	30.00	Pass
VHT40	MCS0	4	102	5510	17.40	17.90	16.80	17.80	23.52	23.98	5.45	28.97	30.00	Pass
VHT40	MCS0	4	110	5550	17.70	18.00	16.90	17.40	23.54	23.98	5.45	28.99	30.00	Pass
VHT40	MCS0	4	134	5670	17.60	18.20	16.60	17.00	23.41	23.98	5.45	28.86	30.00	Pass
VHT80	MCS0	4	106	5530	17.40	18.20	17.30	17.60	23.66	23.98	5.45	29.11	30.00	Pass
VHT80	MCS0	4	122	5610	18.10	18.20	16.40	17.30	23.58	23.98	5.45	29.03	30.00	Pass
VHT160	MCS0	4	114	5570	17.70	18.30	17.20	17.80	23.79	23.98	5.45	29.24	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
11a	6Mbps	4	144	5720	16.70	17.80	16.50	17.30	23.13	23.15	5.45	28.58	30.00	Pass
HT20	MCS0	4	144	5720	16.80	18.20	16.50	17.50	23.32	23.98	5.45	28.77	30.00	Pass
HT40	MCS0	4	142	5710	17.00	18.00	16.20	17.70	23.30	23.98	5.45	28.75	30.00	Pass
VHT20	MCS0	4	144	5720	16.90	18.30	16.60	17.60	23.42	23.56	5.45	28.87	30.00	Pass
VHT40	MCS0	4	142	5710	17.10	18.10	16.30	17.80	23.40	23.98	5.45	28.85	30.00	Pass
VHT80	MCS0	4	138	5690	17.30	18.50	16.60	17.30	23.50	23.98	5.45	28.95	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	100	5500	0.23	0.23	0.23	0.23	10.90	11.00	5.63	Pass
11a	6Mbps	4	116	5580	0.23	0.23	0.23	0.23	10.50	10.52	6.48	Pass
11a	6Mbps	4	140	5700	0.23	0.23	0.23	0.23	10.89	11.00	5.93	Pass
VHT20	MCS0	4	100	5500	0.08	0.08	0.08	0.08	10.94	11.00	5.63	Pass
VHT20	MCS0	4	116	5580	0.08	0.08	0.08	0.08	10.26	10.52	6.48	Pass
VHT20	MCS0	4	140	5700	0.08	0.08	0.08	0.08	10.85	11.00	5.93	Pass
VHT40	MCS0	4	102	5510	0.16	0.16	0.16	0.16	8.38	10.91	6.09	Pass
VHT40	MCS0	4	110	5550	0.16	0.16	0.16	0.16	8.29	10.63	6.37	Pass
VHT40	MCS0	4	134	5670	0.16	0.16	0.16	0.16	8.26	10.89	6.11	Pass
VHT80	MCS0	4	106	5530	0.31	0.31	0.31	0.31	5.69	10.63	6.37	Pass
VHT80	MCS0	4	122	5610	0.31	0.31	0.31	0.31	5.49	10.52	6.48	Pass
VHT160	MCS0	4	114	5570	0.55	0.55	0.55	0.55	2.80	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
11a	6Mbps	4	144	5720	0.23	0.23	0.23	0.23	10.94	11.00	5.76	Pass
VHT20	MCS0	4	144	5720	0.08	0.08	0.08	0.08	10.94	11.00	5.76	Pass
VHT40	MCS0	4	142	5710	0.16	0.16	0.16	0.16	8.06	11.00	5.93	Pass
VHT80	MCS0	4	138	5690	0.31	0.31	0.31	0.31	5.44	10.89	6.11	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HE20	MCS0	4	36	5180	Full	19.30	19.10	19.20	19.40	25.27	30.00	4.69	Pass
HE20	MCS0	4	40	5200	Full	22.60	23.10	22.30	22.50	28.66	30.00	4.69	Pass
HE20	MCS0	4	44	5220	Full	23.50	24.20	23.00	22.90	29.45	30.00	4.69	Pass
HE20	MCS0	4	48	5240	Full	23.30	24.20	23.20	23.10	29.49	30.00	4.69	Pass
HE40	MCS0	4	38	5190	Full	17.30	17.10	16.90	17.40	23.20	30.00	4.69	Pass
HE40	MCS0	4	46	5230	Full	21.60	21.60	20.90	21.40	27.40	30.00	4.69	Pass
HE80	MCS0	4	42	5210	Full	17.30	17.30	16.20	16.80	22.94	30.00	4.69	Pass
HE160	MCS0	4	50	5250	Full	16.50	16.50	16.20	16.30	22.40	30.00	4.69	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	52	5260	Full	17.50	17.70	17.50	17.10	23.48	23.98	4.66	28.14	30.00	Pass
HE20	MCS0	4	60	5300	Full	17.70	17.70	17.60	16.90	23.51	23.98	4.66	28.17	30.00	Pass
HE20	MCS0	4	64	5320	Full	17.40	17.80	17.30	17.50	23.52	23.98	4.66	28.18	30.00	Pass
HE40	MCS0	4	54	5270	Full	17.80	18.00	17.60	17.30	23.70	23.98	4.66	28.36	30.00	Pass
HE40	MCS0	4	62	5310	Full	17.60	17.90	17.50	17.70	23.70	23.98	4.66	28.36	30.00	Pass
HE80	MCS0	4	58	5290	Full	17.70	18.20	17.80	17.60	23.85	23.98	4.66	28.51	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	100	5500	Full	17.60	17.90	17.30	17.90	23.70	23.98	5.45	29.15	30.00	Pass
HE20	MCS0	4	116	5580	Full	16.70	17.20	16.30	17.30	22.91	23.98	5.45	28.36	30.00	Pass
HE20	MCS0	4	140	5700	Full	17.30	18.50	16.80	18.10	23.75	23.98	5.45	29.20	30.00	Pass
HE40	MCS0	4	102	5510	Full	17.90	18.10	17.20	18.10	23.86	23.98	5.45	29.31	30.00	Pass
HE40	MCS0	4	110	5550	Full	18.00	18.20	17.30	17.80	23.86	23.98	5.45	29.31	30.00	Pass
HE40	MCS0	4	134	5670	Full	18.00	18.30	17.20	17.20	23.72	23.98	5.45	29.17	30.00	Pass
HE80	MCS0	4	106	5530	Full	17.70	18.20	17.40	18.00	23.86	23.98	5.45	29.31	30.00	Pass
HE80	MCS0	4	122	5610	Full	18.30	18.30	16.70	17.30	23.72	23.98	5.45	29.17	30.00	Pass
HE160	MCS0	4	114	5570	Full	17.70	18.30	17.50	17.80	23.86	23.98	5.45	29.31	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	144	5720	Full	17.30	18.50	17.10	18.00	23.78	23.98	5.45	29.23	30.00	Pass
HE40	MCS0	4	142	5710	Full	17.50	18.50	16.70	17.90	23.72	23.98	5.45	29.17	30.00	Pass
HE80	MCS0	4	138	5690	Full	17.50	18.60	17.00	17.60	23.74	23.98	5.45	29.19	30.00	Pass

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TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	36	5180	Full	23.048	27.296	24.912	26.048	19.293	19.371	19.370	19.138	22.82
EHT20	MCS0	4	40	5200	Full	25.704	22.048	22.048	25.544	19.341	19.294	19.275	19.304	22.85
EHT20	MCS0	4	44	5220	Full	26.824	23.680	26.120	22.360	19.293	19.343	19.330	19.263	22.85
EHT20	MCS0	4	48	5240	Full	28.768	34.280	25.704	27.424	19.334	19.415	19.299	19.355	22.86
EHT40	MCS0	4	38	5190	Full	53.312	49.216	47.520	56.256	38.238	32.289	38.178	38.386	23.01
EHT40	MCS0	4	46	5230	Full	46.544	59.312	53.664	51.952	38.203	38.316	38.295	38.208	23.01
EHT80	MCS0	4	42	5210	Full	85.024	83.712	84.288	84.256	77.366	77.282	77.362	77.333	23.01
EHT160	MCS0	4	50	5250	Full	165.552	164.208	164.160	164.064	156.475	156.605	156.607	156.562	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	19.40	19.20	19.30	19.50	25.37	30.00	4.69	Pass
EHT20	MCS0	4	40	5200	Full	22.70	23.20	22.40	22.60	28.76	30.00	4.69	Pass
EHT20	MCS0	4	44	5220	Full	23.60	24.30	23.10	23.00	29.55	30.00	4.69	Pass
EHT20	MCS0	4	48	5240	Full	23.40	24.30	23.30	23.20	29.59	30.00	4.69	Pass
EHT40	MCS0	4	38	5190	Full	17.40	17.20	17.00	17.50	23.30	30.00	4.69	Pass
EHT40	MCS0	4	46	5230	Full	21.70	21.70	21.00	21.50	27.50	30.00	4.69	Pass
EHT80	MCS0	4	42	5210	Full	17.40	17.40	16.30	16.90	23.04	30.00	4.69	Pass
EHT160	MCS0	4	50	5250	Full	16.60	16.60	16.30	16.40	22.50	30.00	4.69	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	0.11	0.11	0.11	0.11	12.70	17.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	0.11	0.11	0.11	0.11	16.06	17.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	0.11	0.11	0.11	0.11	16.94	17.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	0.11	0.11	0.11	0.11	16.95	17.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	0.19	0.19	0.19	0.19	7.90	17.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	0.19	0.19	0.19	0.19	12.17	17.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	0.36	0.36	0.36	0.36	5.13	17.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	0.59	0.59	0.59	0.59	1.93	17.00	6.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	26.008	23.280	26.168	30.664	23.98	
EHT20	MCS0	4	60	5300	Full	29.072	29.048	25.952	24.016	23.98	
EHT20	MCS0	4	64	5320	Full	27.120	26.616	24.928	31.088	23.98	
EHT40	MCS0	4	54	5270	Full	49.232	45.504	47.504	46.240	23.98	
EHT40	MCS0	4	62	5310	Full	53.264	57.408	48.368	52.144	23.98	
EHT80	MCS0	4	58	5290	Full	85.120	83.616	88.704	84.160	23.98	

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
EHT20	MCS0	4	52	5260	Full	19.320	19.383	19.288	19.378	23.85	29.85			
EHT20	MCS0	4	60	5300	Full	19.321	19.344	19.348	19.314	23.86	29.86			
EHT20	MCS0	4	64	5320	Full	19.351	19.339	19.314	19.391	23.86	29.86			
EHT40	MCS0	4	54	5270	Full	38.260	38.226	38.219	38.267	23.98	30.00			
EHT40	MCS0	4	62	5310	Full	38.224	38.288	38.263	38.334	23.98	30.00			
EHT80	MCS0	4	58	5290	Full	77.282	77.369	77.345	77.358	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	52	5260	Full	17.60	17.80	17.60	17.20	23.58	23.98	4.66	28.24	30.00	Pass
EHT20	MCS0	4	60	5300	Full	17.80	17.80	17.70	17.00	23.61	23.98	4.66	28.27	30.00	Pass
EHT20	MCS0	4	64	5320	Full	17.50	17.90	17.40	17.60	23.62	23.98	4.66	28.28	30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.90	18.10	17.70	17.40	23.80	23.98	4.66	28.46	30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.70	18.00	17.60	17.80	23.80	23.98	4.66	28.46	30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.80	18.30	17.90	17.70	23.95	23.98	4.66	28.61	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	0.11	0.11	0.11	0.11	10.97	11.00	5.97	Pass
EHT20	MCS0	4	60	5300	Full	0.11	0.11	0.11	0.11	10.97	11.00	5.97	Pass
EHT20	MCS0	4	64	5320	Full	0.11	0.11	0.11	0.11	10.80	11.00	5.97	Pass
EHT40	MCS0	4	54	5270	Full	0.19	0.19	0.19	0.19	8.28	11.00	5.97	Pass
EHT40	MCS0	4	62	5310	Full	0.19	0.19	0.19	0.19	8.25	11.00	5.97	Pass
EHT80	MCS0	4	58	5290	Full	0.36	0.36	0.36	0.36	5.84	11.00	5.97	Pass

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TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
EHT20	MCS0	4	100	5500	Full	27.200	28.632	23.048	30.968	23.98	----	----	----	----
EHT20	MCS0	4	116	5580	Full	27.968	22.224	22.392	27.376	23.98	----	----	----	----
EHT20	MCS0	4	140	5700	Full	22.000	21.648	21.856	21.736	23.98	----	----	----	----
EHT40	MCS0	4	102	5510	Full	46.992	50.992	47.280	48.768	23.98	----	----	----	----
EHT40	MCS0	4	110	5550	Full	46.800	47.120	49.296	46.512	23.98	----	----	----	----
EHT40	MCS0	4	134	5670	Full	46.912	48.960	46.544	46.624	23.98	----	----	----	----
EHT80	MCS0	4	106	5530	Full	84.096	82.720	82.848	82.720	23.98	----	----	----	----
EHT80	MCS0	4	122	5610	Full	82.400	83.680	83.776	82.624	23.98	----	----	----	----
EHT160	MCS0	4	114	5570	Full	165.456	164.352	165.600	164.304	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
EHT20	MCS0	4	144	5720	Full	19.976	19.792	19.832	19.752	23.96	4.570	4.560	4.555	4.585
EHT40	MCS0	4	142	5710	Full	40.008	37.912	41.000	37.960	23.98	4.098	4.017	4.035	3.936
EHT80	MCS0	4	138	5690	Full	76.312	76.024	76.184	76.664	23.98	3.896	3.896	3.880	3.656

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8											
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	100	5500	Full	19.318	19.351	19.311	19.338	23.86	29.86
EHT20	MCS0	4	116	5580	Full	19.336	19.275	19.323	19.318	23.85	29.85
EHT20	MCS0	4	140	5700	Full	19.177	19.181	19.161	19.169	23.82	29.82
EHT40	MCS0	4	102	5510	Full	38.237	38.216	38.211	38.268	23.98	30.00
EHT40	MCS0	4	110	5550	Full	38.211	38.228	38.255	38.267	23.98	30.00
EHT40	MCS0	4	134	5670	Full	38.230	38.270	38.250	38.321	23.98	30.00
EHT80	MCS0	4	106	5530	Full	77.355	77.313	77.331	77.304	23.98	30.00
EHT80	MCS0	4	122	5610	Full	77.277	77.288	77.284	77.367	23.98	30.00
EHT160	MCS0	4	114	5570	Full	156.471	156.616	156.581	156.522	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8											
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 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	144	5720	Full	14.577	14.579	14.558	14.564	22.63	28.63
EHT40	MCS0	4	142	5710	Full	34.071	34.085	34.072	34.034	23.98	30.00
EHT80	MCS0	4	138	5690	Full	73.543	73.487	73.498	73.554	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	100	5500	Full	17.70	18.00	17.40	18.00	23.80	23.98	5.45	29.25	30.00	Pass
EHT20	MCS0	4	116	5580	Full	16.80	17.30	16.40	17.40	23.01	23.98	5.45	28.46	30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.40	18.60	16.90	18.20	23.85	23.98	5.45	29.30	30.00	Pass
EHT40	MCS0	4	102	5510	Full	18.00	18.20	17.30	18.20	23.96	23.98	5.45	29.41	30.00	Pass
EHT40	MCS0	4	110	5550	Full	18.10	18.30	17.40	17.90	23.96	23.98	5.45	29.41	30.00	Pass
EHT40	MCS0	4	134	5670	Full	18.10	18.40	17.30	17.30	23.82	23.98	5.45	29.27	30.00	Pass
EHT80	MCS0	4	106	5530	Full	17.80	18.30	17.50	18.10	23.96	23.98	5.45	29.41	30.00	Pass
EHT80	MCS0	4	122	5610	Full	18.40	18.40	16.80	17.40	23.82	23.98	5.45	29.27	30.00	Pass
EHT160	MCS0	4	114	5570	Full	17.80	18.40	17.60	17.90	23.96	23.98	5.45	29.41	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	144	5720	Full	17.40	18.60	17.20	18.10	23.88	23.96	5.45	29.33	30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.60	18.60	16.80	18.00	23.82	23.98	5.45	29.27	30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.60	18.70	17.10	17.70	23.84	23.98	5.45	29.29	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	100	5500	Full	0.11	0.11	0.11	0.11	10.98	11.00	5.63	Pass
EHT20	MCS0	4	116	5580	Full	0.11	0.11	0.11	0.11	10.35	10.52	6.48	Pass
EHT20	MCS0	4	140	5700	Full	0.11	0.11	0.11	0.11	10.90	11.00	5.93	Pass
EHT40	MCS0	4	102	5510	Full	0.19	0.19	0.19	0.19	8.46	10.91	6.09	Pass
EHT40	MCS0	4	110	5550	Full	0.19	0.19	0.19	0.19	8.46	10.63	6.37	Pass
EHT40	MCS0	4	134	5670	Full	0.19	0.19	0.19	0.19	8.29	10.89	6.11	Pass
EHT80	MCS0	4	106	5530	Full	0.36	0.36	0.36	0.36	5.72	10.63	6.37	Pass
EHT80	MCS0	4	122	5610	Full	0.36	0.36	0.36	0.36	5.72	10.52	6.48	Pass
EHT160	MCS0	4	114	5570	Full	0.59	0.59	0.59	0.59	2.88	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	144	5720	Full	0.11	0.11	0.11	0.11	10.98	11.00	5.76	Pass
EHT40	MCS0	4	142	5710	Full	0.19	0.19	0.19	0.19	8.14	11.00	5.93	Pass
EHT80	MCS0	4	138	5690	Full	0.36	0.36	0.36	0.36	5.60	10.89	6.11	Pass

<Nss = 2>

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HT20	MCS0	4	36	5180	19.60	19.60	19.70	19.80	25.70	30.00	4.69	Pass
HT20	MCS0	4	40	5200	23.00	23.50	22.70	22.90	29.06	30.00	4.69	Pass
HT20	MCS0	4	44	5220	23.10	23.80	22.70	22.80	29.14	30.00	4.69	Pass
HT20	MCS0	4	48	5240	22.90	23.90	22.50	23.00	29.13	30.00	4.69	Pass
HT40	MCS0	4	38	5190	17.50	17.60	17.20	17.80	23.55	30.00	4.69	Pass
HT40	MCS0	4	46	5230	20.70	21.20	20.40	20.60	26.76	30.00	4.69	Pass
VHT20	MCS0	4	36	5180	19.70	19.70	19.80	19.90	25.80	30.00	4.69	Pass
VHT20	MCS0	4	40	5200	23.10	23.60	22.80	23.00	29.16	30.00	4.69	Pass
VHT20	MCS0	4	44	5220	23.20	23.90	22.80	22.90	29.24	30.00	4.69	Pass
VHT20	MCS0	4	48	5240	23.00	24.00	22.60	23.10	29.23	30.00	4.69	Pass
VHT40	MCS0	4	38	5190	17.60	17.70	17.30	17.90	23.65	30.00	4.69	Pass
VHT40	MCS0	4	46	5230	20.80	21.30	20.50	20.70	26.86	30.00	4.69	Pass
VHT80	MCS0	4	42	5210	17.40	17.70	16.80	17.50	23.38	30.00	4.69	Pass
VHT160	MCS0	4	50	5250	16.40	16.50	16.10	16.30	22.35	30.00	4.69	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	36	5180	0.08	0.08	0.08	0.08	13.02	17	6.00	Pass
VHT20	MCS0	4	40	5200	0.08	0.08	0.08	0.08	16.34	17	6.00	Pass
VHT20	MCS0	4	44	5220	0.08	0.08	0.08	0.08	16.84	17	6.00	Pass
VHT20	MCS0	4	48	5240	0.08	0.08	0.08	0.08	16.76	17	6.00	Pass
VHT40	MCS0	4	38	5190	0.16	0.16	0.16	0.16	8.32	17	6.00	Pass
VHT40	MCS0	4	46	5230	0.16	0.16	0.16	0.16	11.42	17	6.00	Pass
VHT80	MCS0	4	42	5210	0.31	0.31	0.31	0.31	5.65	17	6.00	Pass
VHT160	MCS0	4	50	5250	0.55	0.55	0.55	0.55	1.83	17	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	52	5260	17.00	17.40	17.00	16.90	23.10	23.98	4.66	27.76	30.00	Pass
HT20	MCS0	4	60	5300	17.40	17.30	17.00	16.50	23.08	23.98	4.66	27.74	30.00	Pass
HT20	MCS0	4	64	5320	17.20	17.30	16.90	16.70	23.05	23.98	4.66	27.71	30.00	Pass
HT40	MCS0	4	54	5270	17.20	17.20	16.90	17.10	23.12	23.98	4.66	27.78	30.00	Pass
HT40	MCS0	4	62	5310	17.30	17.40	16.90	17.00	23.18	23.98	4.66	27.84	30.00	Pass
VHT20	MCS0	4	52	5260	17.10	17.50	17.10	17.00	23.20	23.98	4.66	27.86	30.00	Pass
VHT20	MCS0	4	60	5300	17.50	17.40	17.10	16.60	23.18	23.98	4.66	27.84	30.00	Pass
VHT20	MCS0	4	64	5320	17.30	17.40	17.00	16.80	23.15	23.98	4.66	27.81	30.00	Pass
VHT40	MCS0	4	54	5270	17.30	17.30	17.00	17.20	23.22	23.98	4.66	27.88	30.00	Pass
VHT40	MCS0	4	62	5310	17.40	17.50	17.00	17.10	23.28	23.98	4.66	27.94	30.00	Pass
VHT80	MCS0	4	58	5290	17.40	18.00	17.20	17.60	23.58	23.98	4.66	28.24	30.00	Pass

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TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	52	5260	0.08	0.08	0.08	0.08	10.94	11.00	5.97	Pass
VHT20	MCS0	4	60	5300	0.08	0.08	0.08	0.08	10.91	11.00	5.97	Pass
VHT20	MCS0	4	64	5320	0.08	0.08	0.08	0.08	10.77	11.00	5.97	Pass
VHT40	MCS0	4	54	5270	0.16	0.16	0.16	0.16	8.05	11.00	5.97	Pass
VHT40	MCS0	4	62	5310	0.16	0.16	0.16	0.16	8.17	11.00	5.97	Pass
VHT80	MCS0	4	58	5290	0.31	0.31	0.31	0.31	5.70	11.00	5.97	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	100	5500	17.10	17.80	16.80	17.30	23.29	23.98	5.45	28.74	30.00	Pass
HT20	MCS0	4	116	5580	16.30	16.40	15.80	17.00	22.42	23.98	5.45	27.87	30.00	Pass
HT20	MCS0	4	140	5700	16.80	18.20	16.40	17.50	23.30	23.98	5.45	28.75	30.00	Pass
HT40	MCS0	4	102	5510	17.30	17.80	16.70	17.70	23.42	23.98	5.45	28.87	30.00	Pass
HT40	MCS0	4	110	5550	17.60	17.90	16.80	17.30	23.44	23.98	5.45	28.89	30.00	Pass
HT40	MCS0	4	134	5670	17.50	18.10	16.50	16.90	23.31	23.98	5.45	28.76	30.00	Pass
VHT20	MCS0	4	100	5500	17.20	17.90	16.90	17.40	23.39	23.98	5.45	28.84	30.00	Pass
VHT20	MCS0	4	116	5580	16.40	16.50	15.90	17.10	22.52	23.98	5.45	27.97	30.00	Pass
VHT20	MCS0	4	140	5700	16.90	18.30	16.50	17.60	23.40	23.98	5.45	28.85	30.00	Pass
VHT40	MCS0	4	102	5510	17.40	17.90	16.80	17.80	23.52	23.98	5.45	28.97	30.00	Pass
VHT40	MCS0	4	110	5550	17.70	18.00	16.90	17.40	23.54	23.98	5.45	28.99	30.00	Pass
VHT40	MCS0	4	134	5670	17.60	18.20	16.60	17.00	23.41	23.98	5.45	28.86	30.00	Pass
VHT80	MCS0	4	106	5530	17.40	18.20	17.30	17.60	23.66	23.98	5.45	29.11	30.00	Pass
VHT80	MCS0	4	122	5610	18.10	18.20	16.40	17.30	23.58	23.98	5.45	29.03	30.00	Pass
VHT160	MCS0	4	114	5570	17.70	18.30	17.20	17.80	23.79	23.98	5.45	29.24	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	144	5720	16.80	18.20	16.50	17.50	23.32	23.98	5.45	28.77	30.00	Pass
HT40	MCS0	4	142	5710	17.00	18.00	16.20	17.70	23.30	23.98	5.45	28.75	30.00	Pass
VHT20	MCS0	4	144	5720	16.90	18.30	16.60	17.60	23.42	23.56	5.45	28.87	30.00	Pass
VHT40	MCS0	4	142	5710	17.10	18.10	16.30	17.80	23.40	23.98	5.45	28.85	30.00	Pass
VHT80	MCS0	4	138	5690	17.30	18.50	16.60	17.30	23.50	23.98	5.45	28.95	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	100	5500	0.08	0.08	0.08	0.08	10.94	11.00	5.63	Pass
VHT20	MCS0	4	116	5580	0.08	0.08	0.08	0.08	10.26	10.52	6.48	Pass
VHT20	MCS0	4	140	5700	0.08	0.08	0.08	0.08	10.85	11.00	5.93	Pass
VHT40	MCS0	4	102	5510	0.16	0.16	0.16	0.16	8.38	10.91	6.09	Pass
VHT40	MCS0	4	110	5550	0.16	0.16	0.16	0.16	8.29	10.63	6.37	Pass
VHT40	MCS0	4	134	5670	0.16	0.16	0.16	0.16	8.26	10.89	6.11	Pass
VHT80	MCS0	4	106	5530	0.31	0.31	0.31	0.31	5.69	10.63	6.37	Pass
VHT80	MCS0	4	122	5610	0.31	0.31	0.31	0.31	5.49	10.52	6.48	Pass
VHT160	MCS0	4	114	5570	0.55	0.55	0.55	0.55	2.80	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	144	5720	0.08	0.08	0.08	0.08	10.94	11.00	5.76	Pass
VHT40	MCS0	4	142	5710	0.16	0.16	0.16	0.16	8.06	11.00	5.93	Pass
VHT80	MCS0	4	138	5690	0.31	0.31	0.31	0.31	5.44	10.89	6.11	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HE20	MCS0	4	36	5180	Full	20.00	19.80	19.90	19.90	25.92	30.00	4.69	Pass
HE20	MCS0	4	40	5200	Full	23.20	23.70	22.80	23.00	29.21	30.00	4.69	Pass
HE20	MCS0	4	44	5220	Full	23.50	24.20	23.00	22.90	29.45	30.00	4.69	Pass
HE20	MCS0	4	48	5240	Full	23.30	24.20	23.20	23.10	29.49	30.00	4.69	Pass
HE40	MCS0	4	38	5190	Full	17.60	17.70	17.50	17.90	23.70	30.00	4.69	Pass
HE40	MCS0	4	46	5230	Full	21.00	21.30	20.70	20.90	27.00	30.00	4.69	Pass
HE80	MCS0	4	42	5210	Full	17.50	17.90	17.00	17.50	23.51	30.00	4.69	Pass
HE160	MCS0	4	50	5250	Full	16.50	16.50	16.20	16.30	22.40	30.00	4.69	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	52	5260	Full	17.50	17.70	17.50	17.10	23.48	23.98	4.66	28.14	30.00	Pass
HE20	MCS0	4	60	5300	Full	17.70	17.70	17.60	16.90	23.51	23.98	4.66	28.17	30.00	Pass
HE20	MCS0	4	64	5320	Full	17.40	17.80	17.30	17.50	23.52	23.98	4.66	28.18	30.00	Pass
HE40	MCS0	4	54	5270	Full	17.80	18.00	17.60	17.30	23.70	23.98	4.66	28.36	30.00	Pass
HE40	MCS0	4	62	5310	Full	17.60	17.90	17.50	17.70	23.70	23.98	4.66	28.36	30.00	Pass
HE80	MCS0	4	58	5290	Full	17.70	18.20	17.80	17.60	23.85	23.98	4.66	28.51	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	100	5500	Full	17.60	17.90	17.30	17.90	23.70	23.98	5.45	29.15	30.00	Pass
HE20	MCS0	4	116	5580	Full	16.70	17.20	16.30	17.30	22.91	23.98	5.45	28.36	30.00	Pass
HE20	MCS0	4	140	5700	Full	17.30	18.50	16.80	18.10	23.75	23.98	5.45	29.20	30.00	Pass
HE40	MCS0	4	102	5510	Full	17.90	18.10	17.20	18.10	23.86	23.98	5.45	29.31	30.00	Pass
HE40	MCS0	4	110	5550	Full	18.00	18.20	17.30	17.80	23.86	23.98	5.45	29.31	30.00	Pass
HE40	MCS0	4	134	5670	Full	18.00	18.30	17.20	17.20	23.72	23.98	5.45	29.17	30.00	Pass
HE80	MCS0	4	106	5530	Full	17.70	18.20	17.40	18.00	23.86	23.98	5.45	29.31	30.00	Pass
HE80	MCS0	4	122	5610	Full	18.30	18.30	16.70	17.30	23.72	23.98	5.45	29.17	30.00	Pass
HE160	MCS0	4	114	5570	Full	17.70	18.30	17.50	17.80	23.86	23.98	5.45	29.31	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	144	5720	Full	17.30	18.50	17.10	18.00	23.78	23.98	5.45	29.23	30.00	Pass
HE40	MCS0	4	142	5710	Full	17.50	18.50	16.70	17.90	23.72	23.98	5.45	29.17	30.00	Pass
HE80	MCS0	4	138	5690	Full	17.50	18.60	17.00	17.60	23.74	23.98	5.45	29.19	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	20.10	19.90	20.00	20.00	26.02	30.00	4.69	Pass
EHT20	MCS0	4	40	5200	Full	23.30	23.80	22.90	23.10	29.31	30.00	4.69	Pass
EHT20	MCS0	4	44	5220	Full	23.60	24.30	23.10	23.00	29.55	30.00	4.69	Pass
EHT20	MCS0	4	48	5240	Full	23.40	24.30	23.30	23.20	29.59	30.00	4.69	Pass
EHT40	MCS0	4	38	5190	Full	17.70	17.80	17.60	18.00	23.80	30.00	4.69	Pass
EHT40	MCS0	4	46	5230	Full	21.10	21.40	20.80	21.00	27.10	30.00	4.69	Pass
EHT80	MCS0	4	42	5210	Full	17.60	18.00	17.10	17.60	23.61	30.00	4.69	Pass
EHT160	MCS0	4	50	5250	Full	16.60	16.60	16.30	16.40	22.50	30.00	4.69	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	0.11	0.11	0.11	0.11	13.15	17.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	0.11	0.11	0.11	0.11	16.44	17.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	0.11	0.11	0.11	0.11	16.94	17.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	0.11	0.11	0.11	0.11	16.95	17.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	0.19	0.19	0.19	0.19	8.43	17.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	0.19	0.19	0.19	0.19	11.66	17.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	0.36	0.36	0.36	0.36	5.87	17.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	0.59	0.59	0.59	0.59	1.93	17.00	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	52	5260	Full	17.60	17.80	17.60	17.20	23.58	23.98	4.66	28.24	30.00	Pass
EHT20	MCS0	4	60	5300	Full	17.80	17.80	17.70	17.00	23.61	23.98	4.66	28.27	30.00	Pass
EHT20	MCS0	4	64	5320	Full	17.50	17.90	17.40	17.60	23.62	23.98	4.66	28.28	30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.90	18.10	17.70	17.40	23.80	23.98	4.66	28.46	30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.70	18.00	17.60	17.80	23.80	23.98	4.66	28.46	30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.80	18.30	17.90	17.70	23.95	23.98	4.66	28.61	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	0.11	0.11	0.11	0.11	10.97	11.00	5.97	Pass
EHT20	MCS0	4	60	5300	Full	0.11	0.11	0.11	0.11	10.97	11.00	5.97	Pass
EHT20	MCS0	4	64	5320	Full	0.11	0.11	0.11	0.11	10.80	11.00	5.97	Pass
EHT40	MCS0	4	54	5270	Full	0.19	0.19	0.19	0.19	8.28	11.00	5.97	Pass
EHT40	MCS0	4	62	5310	Full	0.19	0.19	0.19	0.19	8.25	11.00	5.97	Pass
EHT80	MCS0	4	58	5290	Full	0.36	0.36	0.36	0.36	5.84	11.00	5.97	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	100	5500	Full	17.70	18.00	17.40	18.00	23.80	23.98	5.45	29.25	30.00	Pass
EHT20	MCS0	4	116	5580	Full	16.80	17.30	16.40	17.40	23.01	23.98	5.45	28.46	30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.40	18.60	16.90	18.20	23.85	23.98	5.45	29.30	30.00	Pass
EHT40	MCS0	4	102	5510	Full	18.00	18.20	17.30	18.20	23.96	23.98	5.45	29.41	30.00	Pass
EHT40	MCS0	4	110	5550	Full	18.10	18.30	17.40	17.90	23.96	23.98	5.45	29.41	30.00	Pass
EHT40	MCS0	4	134	5670	Full	18.10	18.40	17.30	17.30	23.82	23.98	5.45	29.27	30.00	Pass
EHT80	MCS0	4	106	5530	Full	17.80	18.30	17.50	18.10	23.96	23.98	5.45	29.41	30.00	Pass
EHT80	MCS0	4	122	5610	Full	18.40	18.40	16.80	17.40	23.82	23.98	5.45	29.27	30.00	Pass
EHT160	MCS0	4	114	5570	Full	17.80	18.40	17.60	17.90	23.96	23.98	5.45	29.41	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	144	5720	Full	17.40	18.60	17.20	18.10	23.88	23.96	5.45	29.33	30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.60	18.60	16.80	18.00	23.82	23.98	5.45	29.27	30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.60	18.70	17.10	17.70	23.84	23.98	5.45	29.29	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	100	5500	Full	0.11	0.11	0.11	0.11	10.98	11.00	5.63	Pass
EHT20	MCS0	4	116	5580	Full	0.11	0.11	0.11	0.11	10.35	10.52	6.48	Pass
EHT20	MCS0	4	140	5700	Full	0.11	0.11	0.11	0.11	10.90	11.00	5.93	Pass
EHT40	MCS0	4	102	5510	Full	0.19	0.19	0.19	0.19	8.46	10.91	6.09	Pass
EHT40	MCS0	4	110	5550	Full	0.19	0.19	0.19	0.19	8.46	10.63	6.37	Pass
EHT40	MCS0	4	134	5670	Full	0.19	0.19	0.19	0.19	8.29	10.89	6.11	Pass
EHT80	MCS0	4	106	5530	Full	0.36	0.36	0.36	0.36	5.72	10.63	6.37	Pass
EHT80	MCS0	4	122	5610	Full	0.36	0.36	0.36	0.36	5.72	10.52	6.48	Pass
EHT160	MCS0	4	114	5570	Full	0.59	0.59	0.59	0.59	2.88	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Average Power Density with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	144	5720	Full	0.11	0.11	0.11	0.11	10.98	11.00	5.76	Pass
EHT40	MCS0	4	142	5710	Full	0.19	0.19	0.19	0.19	8.14	11.00	5.93	Pass
EHT80	MCS0	4	138	5690	Full	0.36	0.36	0.36	0.36	5.60	10.89	6.11	Pass

<TXBF Mode>
<Nss = 1>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5+6+7+8	Ant 5+6+7+8	Ant 5 + 6 + 7 + 8
VHT20	MCS0	4	36	5180	25.312	18.463	22.66
VHT20	MCS0	4	40	5200	23.040	18.828	22.75
VHT20	MCS0	4	44	5220	27.400	18.465	22.66
VHT20	MCS0	4	48	5240	23.056	18.537	22.68
VHT40	MCS0	4	38	5190	61.424	37.287	23.01
VHT40	MCS0	4	46	5230	61.760	37.175	23.01
VHT80	MCS0	4	42	5210	84.416	76.162	23.01
VHT160	MCS0	4	50	5250	162.672	156.220	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HT20	MCS0	4	36	5180	19.80	20.00	20.10	20.10	26.02	30.00	6.00	Pass
HT20	MCS0	4	40	5200	21.45	22.15	21.25	21.05	27.52	30.00	6.00	Pass
HT20	MCS0	4	44	5220	21.50	22.25	21.25	21.35	27.63	30.00	6.00	Pass
HT20	MCS0	4	48	5240	21.50	22.25	21.25	21.35	27.63	30.00	6.00	Pass
HT40	MCS0	4	38	5190	20.10	19.90	19.60	19.80	25.87	30.00	6.00	Pass
HT40	MCS0	4	46	5230	22.70	22.80	21.90	22.50	28.51	30.00	6.00	Pass
VHT20	MCS0	4	36	5180	19.90	20.10	20.20	20.20	26.12	30.00	6.00	Pass
VHT20	MCS0	4	40	5200	21.55	22.25	21.35	21.15	27.62	30.00	6.00	Pass
VHT20	MCS0	4	44	5220	21.45	22.35	21.15	21.30	27.61	30.00	6.00	Pass
VHT20	MCS0	4	48	5240	21.60	22.35	21.35	21.45	27.73	30.00	6.00	Pass
VHT40	MCS0	4	38	5190	20.20	20.00	19.70	19.90	25.97	30.00	6.00	Pass
VHT40	MCS0	4	46	5230	22.80	22.90	22.00	22.60	28.61	30.00	6.00	Pass
VHT80	MCS0	4	42	5210	19.70	19.70	18.90	19.40	25.46	30.00	6.00	Pass
VHT160	MCS0	4	50	5250	20.80	19.90	20.00	20.00	26.21	30.00	6.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	36	5180	15.36	17	6.00	Pass
VHT20	MCS0	4	40	5200	16.76	17	6.00	Pass
VHT20	MCS0	4	44	5220	16.69	17	6.00	Pass
VHT20	MCS0	4	48	5240	16.81	17	6.00	Pass
VHT40	MCS0	4	38	5190	14.19	17	6.00	Pass
VHT40	MCS0	4	46	5230	16.62	17	6.00	Pass
VHT80	MCS0	4	42	5210	12.99	17	6.00	Pass
VHT160	MCS0	4	50	5250	13.72	17	6.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)	FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	52	5260	25.672	23.98	
VHT20	MCS0	4	60	5300	25.696	23.98	
VHT20	MCS0	4	64	5320	23.064	23.98	
VHT40	MCS0	4	54	5270	56.480	23.98	
VHT40	MCS0	4	62	5310	56.800	23.98	
VHT80	MCS0	4	58	5290	83.520	23.98	

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
VHT20	MCS0	4	52	5260	18.771	23.73	29.73			
VHT20	MCS0	4	60	5300	18.457	23.66	29.66			
VHT20	MCS0	4	64	5320	18.624	23.70	29.70			
VHT40	MCS0	4	54	5270	37.000	23.98	30.00			
VHT40	MCS0	4	62	5310	36.939	23.98	30.00			
VHT80	MCS0	4	58	5290	76.056	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	52	5260	16.15	16.35	16.00	16.00	22.15	23.98	5.97	28.12	30.00	Pass
HT20	MCS0	4	60	5300	16.10	16.50	16.00	15.80	22.13	23.98	5.97	28.10	30.00	Pass
HT20	MCS0	4	64	5320	15.80	16.30	15.80	15.75	21.94	23.98	5.97	27.91	30.00	Pass
HT40	MCS0	4	54	5270	17.10	17.20	16.50	16.60	22.88	23.98	5.97	28.85	30.00	Pass
HT40	MCS0	4	62	5310	16.30	16.55	15.90	16.60	22.37	23.98	5.97	28.34	30.00	Pass
VHT20	MCS0	4	52	5260	16.25	16.45	16.10	16.10	22.25	23.98	5.97	28.22	30.00	Pass
VHT20	MCS0	4	60	5300	16.20	16.60	16.10	15.90	22.23	23.98	5.97	28.20	30.00	Pass
VHT20	MCS0	4	64	5320	15.90	16.40	15.90	15.85	22.04	23.98	5.97	28.01	30.00	Pass
VHT40	MCS0	4	54	5270	17.20	17.30	16.60	16.70	22.98	23.98	5.97	28.95	30.00	Pass
VHT40	MCS0	4	62	5310	16.40	16.65	16.00	16.70	22.47	23.98	5.97	28.44	30.00	Pass
VHT80	MCS0	4	58	5290	16.50	17.00	16.20	16.90	22.68	23.98	5.97	28.65	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	52	5260	10.78	11.00	5.97	Pass
VHT20	MCS0	4	60	5300	10.71	11.00	5.97	Pass
VHT20	MCS0	4	64	5320	10.71	11.00	5.97	Pass
VHT40	MCS0	4	54	5270	10.73	11.00	5.97	Pass
VHT40	MCS0	4	62	5310	10.63	11.00	5.97	Pass
VHT80	MCS0	4	58	5290	10.79	11.00	5.97	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
VHT20	MCS0	4	100	5500	25.512	23.98	----
VHT20	MCS0	4	116	5580	25.680	23.98	----
VHT20	MCS0	4	140	5700	21.168	23.98	----
VHT40	MCS0	4	102	5510	52.448	23.98	----
VHT40	MCS0	4	110	5550	61.568	23.98	----
VHT40	MCS0	4	134	5670	52.640	23.98	----
VHT80	MCS0	4	106	5530	98.176	23.98	----
VHT80	MCS0	4	122	5610	83.936	23.98	----
VHT160	MCS0	4	114	5570	163.920	23.98	----

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
VHT20	MCS0	4	144	5720	19.216	23.84	3.88
VHT40	MCS0	4	142	5710	45.848	23.98	1.36
VHT80	MCS0	4	138	5690	77.048	23.98	1.07

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
VHT20	MCS0	4	100	5500	18.749	23.73	29.73
VHT20	MCS0	4	116	5580	18.456	23.66	29.66
VHT20	MCS0	4	140	5700	18.446	23.66	29.66
VHT40	MCS0	4	102	5510	37.084	23.98	30.00
VHT40	MCS0	4	110	5550	37.083	23.98	30.00
VHT40	MCS0	4	134	5670	37.069	23.98	30.00
VHT80	MCS0	4	106	5530	75.912	23.98	30.00
VHT80	MCS0	4	122	5610	75.618	23.98	30.00
VHT160	MCS0	4	114	5570	155.642	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
VHT20	MCS0	4	144	5720	14.168	22.51	28.51
VHT40	MCS0	4	142	5710	33.528	23.98	30.00
VHT80	MCS0	4	138	5690	73.301	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	100	5500	16.10	16.70	16.00	16.50	22.36	23.98	5.63	27.99	30.00	Pass
HT20	MCS0	4	116	5580	15.80	16.20	15.65	16.10	21.96	23.50	6.48	28.44	30.00	Pass
HT20	MCS0	4	140	5700	15.30	16.80	15.30	16.30	21.99	23.98	5.93	27.92	30.00	Pass
HT40	MCS0	4	102	5510	16.80	17.20	16.00	17.30	22.87	23.89	6.09	28.96	30.00	Pass
HT40	MCS0	4	110	5550	16.70	16.80	15.90	16.70	22.56	23.61	6.37	28.93	30.00	Pass
HT40	MCS0	4	134	5670	16.70	17.30	16.00	16.35	22.63	23.87	6.11	28.74	30.00	Pass
VHT20	MCS0	4	100	5500	16.20	16.80	16.10	16.60	22.46	23.98	5.63	28.09	30.00	Pass
VHT20	MCS0	4	116	5580	15.90	16.30	15.75	16.20	22.06	23.50	6.48	28.54	30.00	Pass
VHT20	MCS0	4	140	5700	15.40	16.90	15.40	16.40	22.09	23.98	5.93	28.02	30.00	Pass
VHT40	MCS0	4	102	5510	16.90	17.30	16.10	17.40	22.97	23.89	6.09	29.06	30.00	Pass
VHT40	MCS0	4	110	5550	16.80	16.90	16.00	16.80	22.66	23.61	6.37	29.03	30.00	Pass
VHT40	MCS0	4	134	5670	16.80	17.40	16.10	16.45	22.73	23.87	6.11	28.84	30.00	Pass
VHT80	MCS0	4	106	5530	15.90	16.40	15.50	16.20	22.03	23.61	6.37	28.40	30.00	Pass
VHT80	MCS0	4	122	5610	16.90	16.80	15.10	16.10	22.30	23.50	6.48	28.78	30.00	Pass
VHT160	MCS0	4	114	5570	16.40	16.50	15.40	16.60	22.27	23.50	6.48	28.75	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	144	5720	15.90	17.40	15.80	16.45	22.46	23.98	5.76	28.22	30.00	Pass
HT40	MCS0	4	142	5710	16.10	17.10	15.60	16.50	22.38	23.98	5.93	28.31	30.00	Pass
VHT20	MCS0	4	144	5720	16.00	17.50	15.90	16.55	22.56	23.84	5.76	28.32	30.00	Pass
VHT40	MCS0	4	142	5710	16.20	17.20	15.70	16.60	22.48	23.98	5.93	28.41	30.00	Pass
VHT80	MCS0	4	138	5690	16.40	17.50	16.00	16.45	22.64	23.87	6.11	28.75	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	100	5500	10.72	11.00	5.63	Pass
VHT20	MCS0	4	116	5580	10.14	10.52	6.48	Pass
VHT20	MCS0	4	140	5700	10.71	11.00	5.93	Pass
VHT40	MCS0	4	102	5510	10.75	10.91	6.09	Pass
VHT40	MCS0	4	110	5550	10.58	10.63	6.37	Pass
VHT40	MCS0	4	134	5670	10.63	10.89	6.11	Pass
VHT80	MCS0	4	106	5530	10.17	10.63	6.37	Pass
VHT80	MCS0	4	122	5610	10.42	10.52	6.48	Pass
VHT160	MCS0	4	114	5570	10.28	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	144	5720	10.73	11.00	5.76	Pass
VHT40	MCS0	4	142	5710	10.70	11.00	5.93	Pass
VHT80	MCS0	4	138	5690	10.66	10.89	6.11	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HE20	MCS0	4	36	5180	Full	19.90	20.10	20.20	20.30	26.15	30.00	6.00	Pass
HE20	MCS0	4	40	5200	Full	21.60	22.30	21.40	21.10	27.64	30.00	6.00	Pass
HE20	MCS0	4	44	5220	Full	21.50	22.40	21.20	21.40	27.67	30.00	6.00	Pass
HE20	MCS0	4	48	5240	Full	21.60	22.40	21.40	21.50	27.76	30.00	6.00	Pass
HE40	MCS0	4	38	5190	Full	20.40	20.00	19.70	20.00	26.05	30.00	6.00	Pass
HE40	MCS0	4	46	5230	Full	22.80	23.10	22.20	22.70	28.73	30.00	6.00	Pass
HE80	MCS0	4	42	5210	Full	19.70	19.70	19.00	19.50	25.50	30.00	6.00	Pass
HE160	MCS0	4	50	5250	Full	20.90	20.00	20.00	20.10	26.29	30.00	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	52	5260	Full	16.30	16.50	16.20	16.20	22.32	23.98	5.97	28.29	30.00	Pass
HE20	MCS0	4	60	5300	Full	16.20	16.60	16.30	15.90	22.28	23.98	5.97	28.25	30.00	Pass
HE20	MCS0	4	64	5320	Full	16.00	16.50	15.90	15.90	22.10	23.98	5.97	28.07	30.00	Pass
HE40	MCS0	4	54	5270	Full	17.30	17.40	16.70	16.70	23.06	23.98	5.97	29.03	30.00	Pass
HE40	MCS0	4	62	5310	Full	16.40	16.70	16.00	16.70	22.48	23.98	5.97	28.45	30.00	Pass
HE80	MCS0	4	58	5290	Full	16.50	17.00	16.30	16.90	22.70	23.98	5.97	28.67	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	100	5500	Full	16.30	16.80	16.20	16.60	22.50	23.98	5.63	28.13	30.00	Pass
HE20	MCS0	4	116	5580	Full	16.00	16.40	15.80	16.20	22.13	23.50	6.48	28.61	30.00	Pass
HE20	MCS0	4	140	5700	Full	15.60	17.20	15.60	16.40	22.27	23.98	5.93	28.20	30.00	Pass
HE40	MCS0	4	102	5510	Full	17.00	17.40	16.20	17.50	23.07	23.89	6.09	29.16	30.00	Pass
HE40	MCS0	4	110	5550	Full	16.80	16.90	16.10	17.00	22.73	23.61	6.37	29.10	30.00	Pass
HE40	MCS0	4	134	5670	Full	16.80	17.40	16.10	16.50	22.75	23.87	6.11	28.86	30.00	Pass
HE80	MCS0	4	106	5530	Full	16.00	16.40	15.70	16.20	22.10	23.61	6.37	28.47	30.00	Pass
HE80	MCS0	4	122	5610	Full	17.00	16.90	15.20	16.10	22.38	23.98	0.00	22.38	30.00	Pass
HE160	MCS0	4	114	5570	Full	16.40	16.50	15.60	16.70	22.34	23.98	0.00	22.34	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	144	5720	Full	16.20	17.50	16.00	16.60	22.63	23.81	5.76	28.39	30.00	Pass
HE40	MCS0	4	142	5710	Full	16.30	17.20	15.80	16.60	22.53	23.98	5.93	28.46	30.00	Pass
HE80	MCS0	4	138	5690	Full	16.40	17.50	16.10	16.50	22.68	23.87	6.11	28.79	30.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)	IC 99% Bandwidth EIRP Limit (dBm)
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	36	5180	Full	24.728	19.308	22.86
EHT20	MCS0	4	40	5200	Full	22.400	19.213	22.84
EHT20	MCS0	4	44	5220	Full	22.056	19.218	22.84
EHT20	MCS0	4	48	5240	Full	27.056	19.268	22.85
EHT40	MCS0	4	38	5190	Full	61.120	38.120	23.01
EHT40	MCS0	4	46	5230	Full	60.480	38.036	23.01
EHT80	MCS0	4	42	5210	Full	82.464	77.355	23.01
EHT160	MCS0	4	50	5250	Full	164.640	157.445	23.01

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	20.00	20.20	20.30	20.40	26.25	30.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	21.70	22.40	21.50	21.20	27.74	30.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	21.60	22.50	21.30	21.50	27.77	30.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	21.70	22.50	21.50	21.60	27.86	30.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	20.50	20.10	19.80	20.10	26.15	30.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	22.90	23.20	22.30	22.80	28.83	30.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	19.80	19.80	19.10	19.60	25.60	30.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	21.00	20.10	20.10	20.20	26.39	30.00	6.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	15.39	17.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	16.84	17.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	16.82	17.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	16.86	17.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	14.23	17.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	16.85	17.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	13.22	17.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	13.83	17.00	6.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)	FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	28.34	23.98	
EHT20	MCS0	4	60	5300	Full	25.97	23.98	
EHT20	MCS0	4	64	5320	Full	22.43	23.98	
EHT40	MCS0	4	54	5270	Full	58.78	23.98	
EHT40	MCS0	4	62	5310	Full	60.30	23.98	
EHT80	MCS0	4	58	5290	Full	83.39	23.98	

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8											
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5	Ant 6	Ant 7	Ant 8
EHT20	MCS0	4	52	5260	Full	19.36	23.87	29.87			
EHT20	MCS0	4	60	5300	Full	19.24	23.84	29.84			
EHT20	MCS0	4	64	5320	Full	19.09	23.81	29.81			
EHT40	MCS0	4	54	5270	Full	38.37	23.98	30.00			
EHT40	MCS0	4	62	5310	Full	38.24	23.98	30.00			
EHT80	MCS0	4	58	5290	Full	77.36	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	52	5260	Full	16.40	16.60	16.30	16.30	22.42	23.98	5.97	28.39	30.00	Pass
EHT20	MCS0	4	60	5300	Full	16.30	16.70	16.40	16.00	22.38	23.98	5.97	28.35	30.00	Pass
EHT20	MCS0	4	64	5320	Full	16.10	16.60	16.00	16.00	22.20	23.98	5.97	28.17	30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.40	17.50	16.80	16.80	23.16	23.98	5.97	29.13	30.00	Pass
EHT40	MCS0	4	62	5310	Full	16.50	16.80	16.10	16.80	22.58	23.98	5.97	28.55	30.00	Pass
EHT80	MCS0	4	58	5290	Full	16.60	17.10	16.40	17.00	22.80	23.98	5.97	28.77	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	10.98	11.00	5.97	Pass
EHT20	MCS0	4	60	5300	Full	10.85	11.00	5.97	Pass
EHT20	MCS0	4	64	5320	Full	10.89	11.00	5.97	Pass
EHT40	MCS0	4	54	5270	Full	10.97	11.00	5.97	Pass
EHT40	MCS0	4	62	5310	Full	10.84	11.00	5.97	Pass
EHT80	MCS0	4	58	5290	Full	10.93	11.00	5.97	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	100	5500	Full	21.896	23.98	----
EHT20	MCS0	4	116	5580	Full	22.736	23.98	----
EHT20	MCS0	4	140	5700	Full	21.744	23.98	----
EHT40	MCS0	4	102	5510	Full	61.696	23.98	----
EHT40	MCS0	4	110	5550	Full	60.528	23.98	----
EHT40	MCS0	4	134	5670	Full	60.240	23.98	----
EHT80	MCS0	4	106	5530	Full	85.408	23.98	----
EHT80	MCS0	4	122	5610	Full	83.040	23.98	----
EHT160	MCS0	4	114	5570	Full	165.504	23.98	----

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5
EHT20	MCS0	4	144	5720	Full	19.112	23.81	4.53
EHT40	MCS0	4	142	5710	Full	46.632	23.98	3.99
EHT80	MCS0	4	138	5690	Full	77.560	23.98	4.04

Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	100	5500	Full	19.123	23.82	29.82
EHT20	MCS0	4	116	5580	Full	19.210	23.84	29.84
EHT20	MCS0	4	140	5700	Full	19.098	23.81	29.81
EHT40	MCS0	4	102	5510	Full	38.114	23.98	30.00
EHT40	MCS0	4	110	5550	Full	38.155	23.98	30.00
EHT40	MCS0	4	134	5670	Full	38.163	23.98	30.00
EHT80	MCS0	4	106	5530	Full	77.440	23.98	30.00
EHT80	MCS0	4	122	5610	Full	77.326	23.98	30.00
EHT160	MCS0	4	114	5570	Full	156.755	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
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 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8
EHT20	MCS0	4	144	5720	Full	14.419	22.59	28.59
EHT40	MCS0	4	142	5710	Full	33.893	23.98	30.00
EHT80	MCS0	4	138	5690	Full	73.530	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	100	5500	Full	16.40	16.90	16.30	16.70	22.60	23.98	5.63	28.23	30.00	Pass
EHT20	MCS0	4	116	5580	Full	16.10	16.50	15.90	16.30	22.23	23.50	6.48	28.71	30.00	Pass
EHT20	MCS0	4	140	5700	Full	15.70	17.30	15.70	16.50	22.37	23.98	5.93	28.30	30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.10	17.50	16.30	17.60	23.17	23.89	6.09	29.26	30.00	Pass
EHT40	MCS0	4	110	5550	Full	16.90	17.00	16.20	17.10	22.83	23.61	6.37	29.20	30.00	Pass
EHT40	MCS0	4	134	5670	Full	16.90	17.50	16.20	16.60	22.85	23.87	6.11	28.96	30.00	Pass
EHT80	MCS0	4	106	5530	Full	16.10	16.50	15.80	16.30	22.20	23.61	6.37	28.57	30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.10	17.00	15.30	16.20	22.48	23.50	6.48	28.96	30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.50	16.60	15.70	16.80	22.44	23.50	6.48	28.92	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	144	5720	Full	16.30	17.60	16.10	16.70	22.73	23.81	5.76	28.49	30.00	Pass
EHT40	MCS0	4	142	5710	Full	16.40	17.30	15.90	16.70	22.63	23.98	5.93	28.56	30.00	Pass
EHT80	MCS0	4	138	5690	Full	16.50	17.60	16.20	16.60	22.78	23.87	6.11	28.89	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	100	5500	Full	10.95	11.00	5.63	Pass
EHT20	MCS0	4	116	5580	Full	10.34	10.52	6.48	Pass
EHT20	MCS0	4	140	5700	Full	10.85	11.00	5.93	Pass
EHT40	MCS0	4	102	5510	Full	10.80	10.91	6.09	Pass
EHT40	MCS0	4	110	5550	Full	10.63	10.63	6.37	Pass
EHT40	MCS0	4	134	5670	Full	10.83	10.89	6.11	Pass
EHT80	MCS0	4	106	5530	Full	10.41	10.63	6.37	Pass
EHT80	MCS0	4	122	5610	Full	10.47	10.52	6.48	Pass
EHT160	MCS0	4	114	5570	Full	10.31	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	144	5720	Full	10.79	11.00	5.76	Pass
EHT40	MCS0	4	142	5710	Full	10.94	11.00	5.93	Pass
EHT80	MCS0	4	138	5690	Full	10.88	10.89	6.11	Pass

<Nss = 2>

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HT20	MCS0	4	36	5180	19.80	20.00	20.10	20.10	26.02	30.00	6.00	Pass
HT20	MCS0	4	40	5200	21.45	22.15	21.25	21.05	27.52	30.00	6.00	Pass
HT20	MCS0	4	44	5220	21.50	22.25	21.25	21.35	27.63	30.00	6.00	Pass
HT20	MCS0	4	48	5240	21.50	22.25	21.25	21.35	27.63	30.00	6.00	Pass
HT40	MCS0	4	38	5190	21.30	21.00	20.80	21.10	27.07	30.00	6.00	Pass
HT40	MCS0	4	46	5230	22.70	22.80	21.90	22.50	28.51	30.00	6.00	Pass
VHT20	MCS0	4	36	5180	19.90	20.10	20.20	20.20	26.12	30.00	6.00	Pass
VHT20	MCS0	4	40	5200	21.55	22.25	21.35	21.15	27.62	30.00	6.00	Pass
VHT20	MCS0	4	44	5220	21.45	22.35	21.15	21.30	27.61	30.00	6.00	Pass
VHT20	MCS0	4	48	5240	21.60	22.35	21.35	21.45	27.73	30.00	6.00	Pass
VHT40	MCS0	4	38	5190	21.40	21.10	20.90	21.20	27.17	30.00	6.00	Pass
VHT40	MCS0	4	46	5230	22.80	22.90	22.00	22.60	28.61	30.00	6.00	Pass
VHT80	MCS0	4	42	5210	19.70	19.70	18.90	19.40	25.46	30.00	6.00	Pass
VHT160	MCS0	4	50	5250	20.80	19.90	20.00	20.00	26.21	30.00	6.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	36	5180	15.36	17	6.00	Pass
VHT20	MCS0	4	40	5200	16.76	17	6.00	Pass
VHT20	MCS0	4	44	5220	16.69	17	6.00	Pass
VHT20	MCS0	4	48	5240	16.81	17	6.00	Pass
VHT40	MCS0	4	38	5190	14.92	17	6.00	Pass
VHT40	MCS0	4	46	5230	16.62	17	6.00	Pass
VHT80	MCS0	4	42	5210	12.99	17	6.00	Pass
VHT160	MCS0	4	50	5250	13.72	17	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	52	5260	16.15	16.35	16.00	16.00	22.15	23.98	5.97	28.12	30.00	Pass
HT20	MCS0	4	60	5300	16.10	16.50	16.00	15.80	22.13	23.98	5.97	28.10	30.00	Pass
HT20	MCS0	4	64	5320	15.80	16.30	15.80	15.75	21.94	23.98	5.97	27.91	30.00	Pass
HT40	MCS0	4	54	5270	17.10	17.20	16.50	16.60	22.88	23.98	5.97	28.85	30.00	Pass
HT40	MCS0	4	62	5310	16.30	16.55	15.90	16.60	22.37	23.98	5.97	28.34	30.00	Pass
VHT20	MCS0	4	52	5260	16.25	16.45	16.10	16.10	22.25	23.98	5.97	28.22	30.00	Pass
VHT20	MCS0	4	60	5300	16.20	16.60	16.10	15.90	22.23	23.98	5.97	28.20	30.00	Pass
VHT20	MCS0	4	64	5320	15.90	16.40	15.90	15.85	22.04	23.98	5.97	28.01	30.00	Pass
VHT40	MCS0	4	54	5270	17.20	17.30	16.60	16.70	22.98	23.98	5.97	28.95	30.00	Pass
VHT40	MCS0	4	62	5310	16.40	16.65	16.00	16.70	22.47	23.98	5.97	28.44	30.00	Pass
VHT80	MCS0	4	58	5290	16.50	17.00	16.20	16.90	22.68	23.98	5.97	28.65	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	52	5260	10.78	11.00	5.97	Pass
VHT20	MCS0	4	60	5300	10.71	11.00	5.97	Pass
VHT20	MCS0	4	64	5320	10.71	11.00	5.97	Pass
VHT40	MCS0	4	54	5270	10.73	11.00	5.97	Pass
VHT40	MCS0	4	62	5310	10.63	11.00	5.97	Pass
VHT80	MCS0	4	58	5290	10.79	11.00	5.97	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	100	5500	16.10	16.70	16.00	16.50	22.36	23.98	5.63	27.99	30.00	Pass
HT20	MCS0	4	116	5580	15.80	16.20	15.65	16.10	21.96	23.50	6.48	28.44	30.00	Pass
HT20	MCS0	4	140	5700	15.30	16.80	15.30	16.30	21.99	23.98	5.93	27.92	30.00	Pass
HT40	MCS0	4	102	5510	16.80	17.20	16.00	17.30	22.87	23.89	6.09	28.96	30.00	Pass
HT40	MCS0	4	110	5550	16.70	16.80	15.90	16.70	22.56	23.61	6.37	28.93	30.00	Pass
HT40	MCS0	4	134	5670	16.70	17.30	16.00	16.35	22.63	23.87	6.11	28.74	30.00	Pass
VHT20	MCS0	4	100	5500	16.20	16.80	16.10	16.60	22.46	23.98	5.63	28.09	30.00	Pass
VHT20	MCS0	4	116	5580	15.90	16.30	15.75	16.20	22.06	23.50	6.48	28.54	30.00	Pass
VHT20	MCS0	4	140	5700	15.40	16.90	15.40	16.40	22.09	23.98	5.93	28.02	30.00	Pass
VHT40	MCS0	4	102	5510	16.90	17.30	16.10	17.40	22.97	23.89	6.09	29.06	30.00	Pass
VHT40	MCS0	4	110	5550	16.80	16.90	16.00	16.80	22.66	23.61	6.37	29.03	30.00	Pass
VHT40	MCS0	4	134	5670	16.80	17.40	16.10	16.45	22.73	23.87	6.11	28.84	30.00	Pass
VHT80	MCS0	4	106	5530	15.90	16.40	15.50	16.20	22.03	23.61	6.37	28.40	30.00	Pass
VHT80	MCS0	4	122	5610	16.90	16.80	15.10	16.10	22.30	23.50	6.48	28.78	30.00	Pass
VHT160	MCS0	4	114	5570	16.40	16.50	15.40	16.60	22.27	23.50	6.48	28.75	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8														
Mod.	Data Rate	NTx	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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HT20	MCS0	4	144	5720	15.90	17.40	15.80	16.45	22.46	23.98	5.76	28.22	30.00	Pass
HT40	MCS0	4	142	5710	16.10	17.10	15.60	16.50	22.38	23.98	5.93	28.31	30.00	Pass
VHT20	MCS0	4	144	5720	16.00	17.50	15.90	16.55	22.56	23.84	5.76	28.32	30.00	Pass
VHT40	MCS0	4	142	5710	16.20	17.20	15.70	16.60	22.48	23.98	5.93	28.41	30.00	Pass
VHT80	MCS0	4	138	5690	16.40	17.50	16.00	16.45	22.64	23.87	6.11	28.75	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	100	5500	10.72	11.00	5.63	Pass
VHT20	MCS0	4	116	5580	10.14	10.52	6.48	Pass
VHT20	MCS0	4	140	5700	10.71	11.00	5.93	Pass
VHT40	MCS0	4	102	5510	10.75	10.91	6.09	Pass
VHT40	MCS0	4	110	5550	10.58	10.63	6.37	Pass
VHT40	MCS0	4	134	5670	10.63	10.89	6.11	Pass
VHT80	MCS0	4	106	5530	10.17	10.63	6.37	Pass
VHT80	MCS0	4	122	5610	10.42	10.52	6.48	Pass
VHT160	MCS0	4	114	5570	10.28	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
VHT20	MCS0	4	144	5720	10.73	11.00	5.76	Pass
VHT40	MCS0	4	142	5710	10.70	11.00	5.93	Pass
VHT80	MCS0	4	138	5690	10.66	10.89	6.11	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
HE20	MCS0	4	36	5180	Full	19.90	20.10	20.20	20.30	26.15	30.00	6.00	Pass
HE20	MCS0	4	40	5200	Full	21.60	22.30	21.40	21.10	27.64	30.00	6.00	Pass
HE20	MCS0	4	44	5220	Full	21.50	22.40	21.20	21.40	27.67	30.00	6.00	Pass
HE20	MCS0	4	48	5240	Full	21.60	22.40	21.40	21.50	27.76	30.00	6.00	Pass
HE40	MCS0	4	38	5190	Full	21.50	21.10	20.90	21.30	27.23	30.00	6.00	Pass
HE40	MCS0	4	46	5230	Full	22.80	23.10	22.20	22.70	28.73	30.00	6.00	Pass
HE80	MCS0	4	42	5210	Full	19.70	19.70	19.00	19.50	25.50	30.00	6.00	Pass
HE160	MCS0	4	50	5250	Full	20.90	20.00	20.00	20.10	26.29	30.00	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	52	5260	Full	16.30	16.50	16.20	16.20	22.32	23.98	5.97	28.29	30.00	Pass
HE20	MCS0	4	60	5300	Full	16.20	16.60	16.30	15.90	22.28	23.98	5.97	28.25	30.00	Pass
HE20	MCS0	4	64	5320	Full	16.00	16.50	15.90	15.90	22.10	23.98	5.97	28.07	30.00	Pass
HE40	MCS0	4	54	5270	Full	17.30	17.40	16.70	16.70	23.06	23.98	5.97	29.03	30.00	Pass
HE40	MCS0	4	62	5310	Full	16.40	16.70	16.00	16.70	22.48	23.98	5.97	28.45	30.00	Pass
HE80	MCS0	4	58	5290	Full	16.50	17.00	16.30	16.90	22.70	23.98	5.97	28.67	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	100	5500	Full	16.30	16.80	16.20	16.60	22.50	23.98	5.63	28.13	30.00	Pass
HE20	MCS0	4	116	5580	Full	16.00	16.40	15.80	16.20	22.13	23.50	6.48	28.61	30.00	Pass
HE20	MCS0	4	140	5700	Full	15.60	17.20	15.60	16.40	22.27	23.98	5.93	28.20	30.00	Pass
HE40	MCS0	4	102	5510	Full	17.00	17.40	16.20	17.50	23.07	23.89	6.09	29.16	30.00	Pass
HE40	MCS0	4	110	5550	Full	16.80	16.90	16.10	17.00	22.73	23.61	6.37	29.10	30.00	Pass
HE40	MCS0	4	134	5670	Full	16.80	17.40	16.10	16.50	22.75	23.87	6.11	28.86	30.00	Pass
HE80	MCS0	4	106	5530	Full	16.00	16.40	15.70	16.20	22.10	23.61	6.37	28.47	30.00	Pass
HE80	MCS0	4	122	5610	Full	17.00	16.90	15.20	16.10	22.38	23.98	0.00	22.38	30.00	Pass
HE160	MCS0	4	114	5570	Full	16.40	16.50	15.60	16.70	22.34	23.98	0.00	22.34	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
HE20	MCS0	4	144	5720	Full	16.20	17.50	16.00	16.60	22.63	23.81	5.76	28.39	30.00	Pass
HE40	MCS0	4	142	5710	Full	16.30	17.20	15.80	16.60	22.53	23.98	5.93	28.46	30.00	Pass
HE80	MCS0	4	138	5690	Full	16.40	17.50	16.10	16.50	22.68	23.87	6.11	28.79	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	20.00	20.20	20.30	20.40	26.25	30.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	21.70	22.40	21.50	21.20	27.74	30.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	21.60	22.50	21.30	21.50	27.77	30.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	21.70	22.50	21.50	21.60	27.86	30.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	21.60	21.20	21.00	21.40	27.33	30.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	22.90	23.20	22.30	22.80	28.83	30.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	19.80	19.80	19.10	19.60	25.60	30.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	21.00	20.10	20.10	20.20	26.39	30.00	6.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	36	5180	Full	15.39	17.00	6.00	Pass
EHT20	MCS0	4	40	5200	Full	16.84	17.00	6.00	Pass
EHT20	MCS0	4	44	5220	Full	16.82	17.00	6.00	Pass
EHT20	MCS0	4	48	5240	Full	16.86	17.00	6.00	Pass
EHT40	MCS0	4	38	5190	Full	15.11	17.00	6.00	Pass
EHT40	MCS0	4	46	5230	Full	16.85	17.00	6.00	Pass
EHT80	MCS0	4	42	5210	Full	13.22	17.00	6.00	Pass
EHT160	MCS0	4	50	5250	Full	13.83	17.00	6.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	52	5260	Full	16.40	16.60	16.30	16.30	22.42	23.98	5.97	28.39	30.00	Pass
EHT20	MCS0	4	60	5300	Full	16.30	16.70	16.40	16.00	22.38	23.98	5.97	28.35	30.00	Pass
EHT20	MCS0	4	64	5320	Full	16.10	16.60	16.00	16.00	22.20	23.98	5.97	28.17	30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.40	17.50	16.80	16.80	23.16	23.98	5.97	29.13	30.00	Pass
EHT40	MCS0	4	62	5310	Full	16.50	16.80	16.10	16.80	22.58	23.98	5.97	28.55	30.00	Pass
EHT80	MCS0	4	58	5290	Full	16.60	17.10	16.40	17.00	22.80	23.98	5.97	28.77	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	52	5260	Full	10.98	11.00	5.97	Pass
EHT20	MCS0	4	60	5300	Full	10.85	11.00	5.97	Pass
EHT20	MCS0	4	64	5320	Full	10.89	11.00	5.97	Pass
EHT40	MCS0	4	54	5270	Full	10.97	11.00	5.97	Pass
EHT40	MCS0	4	62	5310	Full	10.84	11.00	5.97	Pass
EHT80	MCS0	4	58	5290	Full	10.93	11.00	5.97	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	100	5500	Full	16.40	16.90	16.30	16.70	22.60	23.98	5.63	28.23	30.00	Pass
EHT20	MCS0	4	116	5580	Full	16.10	16.50	15.90	16.30	22.23	23.50	6.48	28.71	30.00	Pass
EHT20	MCS0	4	140	5700	Full	15.70	17.30	15.70	16.50	22.37	23.98	5.93	28.30	30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.10	17.50	16.30	17.60	23.17	23.89	6.09	29.26	30.00	Pass
EHT40	MCS0	4	110	5550	Full	16.90	17.00	16.20	17.10	22.83	23.61	6.37	29.20	30.00	Pass
EHT40	MCS0	4	134	5670	Full	16.90	17.50	16.20	16.60	22.85	23.87	6.11	28.96	30.00	Pass
EHT80	MCS0	4	106	5530	Full	16.10	16.50	15.80	16.30	22.20	23.61	6.37	28.57	30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.10	17.00	15.30	16.20	22.48	23.50	6.48	28.96	30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.50	16.60	15.70	16.80	22.44	23.50	6.48	28.92	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8															
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 5	Ant 6	Ant 7	Ant 8	SUM	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8		
EHT20	MCS0	4	144	5720	Full	16.30	17.60	16.10	16.70	22.73	23.81	5.76	28.49	30.00	Pass
EHT40	MCS0	4	142	5710	Full	16.40	17.30	15.90	16.70	22.63	23.98	5.93	28.56	30.00	Pass
EHT80	MCS0	4	138	5690	Full	16.50	17.60	16.20	16.60	22.78	23.87	6.11	28.89	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	100	5500	Full	10.95	11.00	5.63	Pass
EHT20	MCS0	4	116	5580	Full	10.34	10.52	6.48	Pass
EHT20	MCS0	4	140	5700	Full	10.85	11.00	5.93	Pass
EHT40	MCS0	4	102	5510	Full	10.80	10.91	6.09	Pass
EHT40	MCS0	4	110	5550	Full	10.63	10.63	6.37	Pass
EHT40	MCS0	4	134	5670	Full	10.83	10.89	6.11	Pass
EHT80	MCS0	4	106	5530	Full	10.41	10.63	6.37	Pass
EHT80	MCS0	4	122	5610	Full	10.47	10.52	6.48	Pass
EHT160	MCS0	4	114	5570	Full	10.31	10.52	6.48	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 5 + 6 + 7 + 8									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	Ant 5 + 6 + 7 + 8	
EHT20	MCS0	4	144	5720	Full	10.79	11.00	5.76	Pass
EHT40	MCS0	4	142	5710	Full	10.94	11.00	5.93	Pass
EHT80	MCS0	4	138	5690	Full	10.88	10.89	6.11	Pass

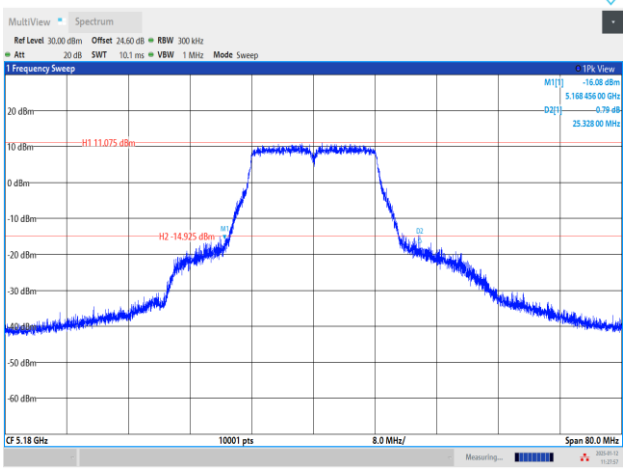
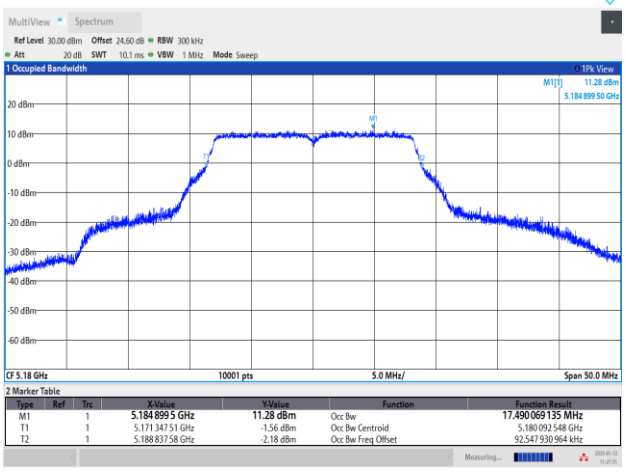
<CDD Mode>

<N_{ss} = 1>

Test Result of 26dB & 99% Occupied Bandwidth

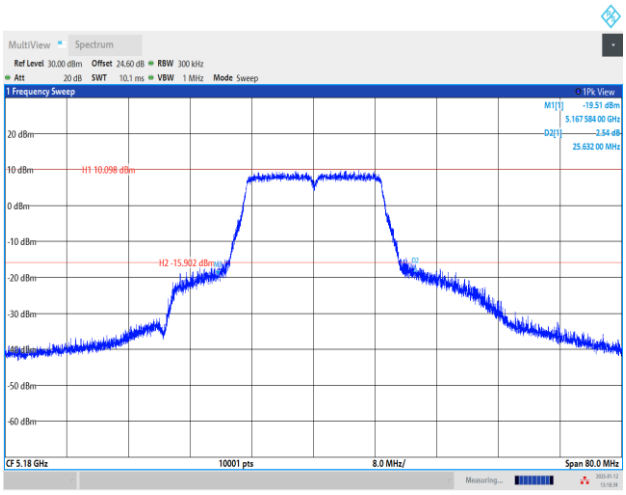
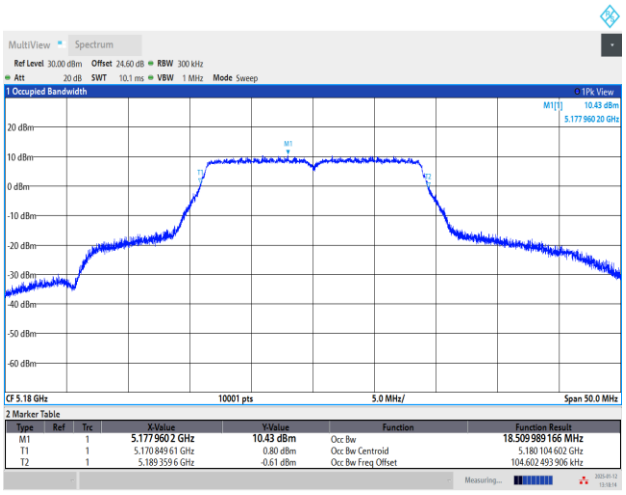
MIMO <Ant. 5+6+7+8>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

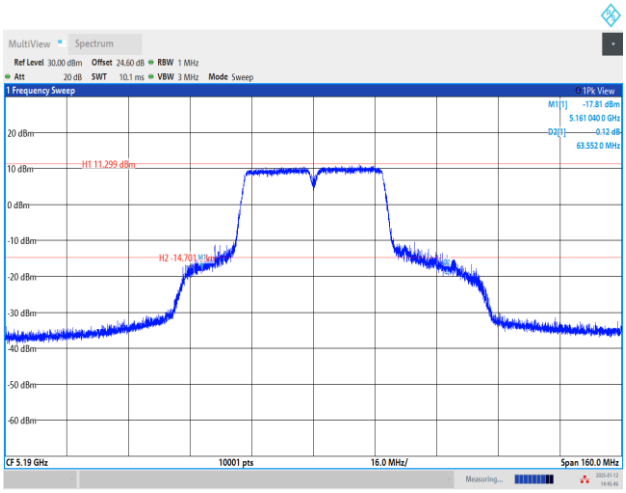
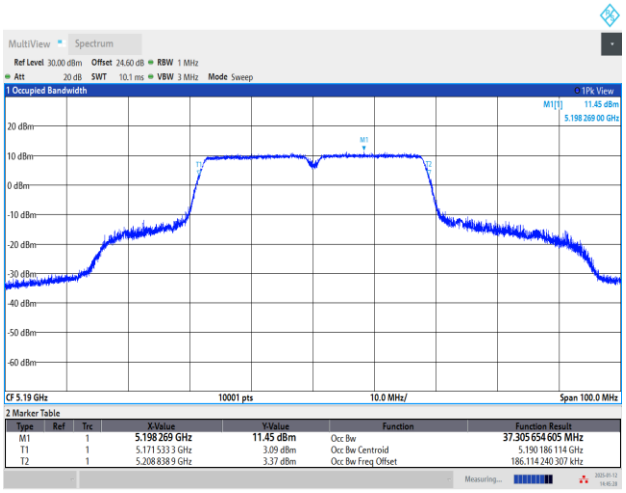
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

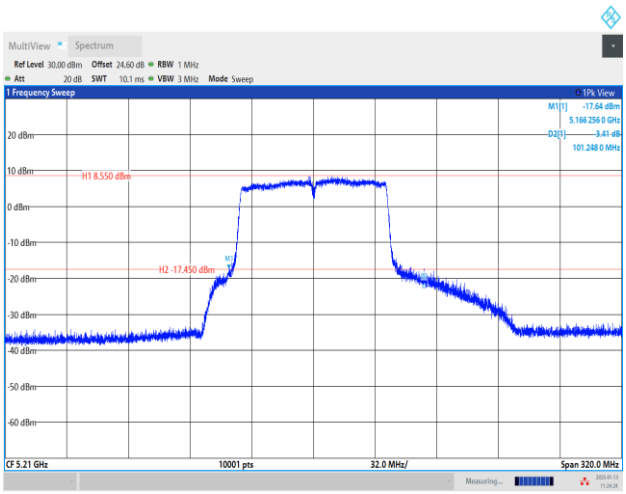
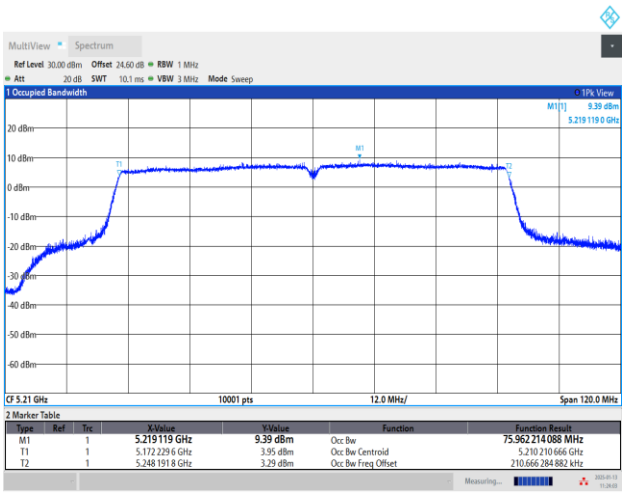
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

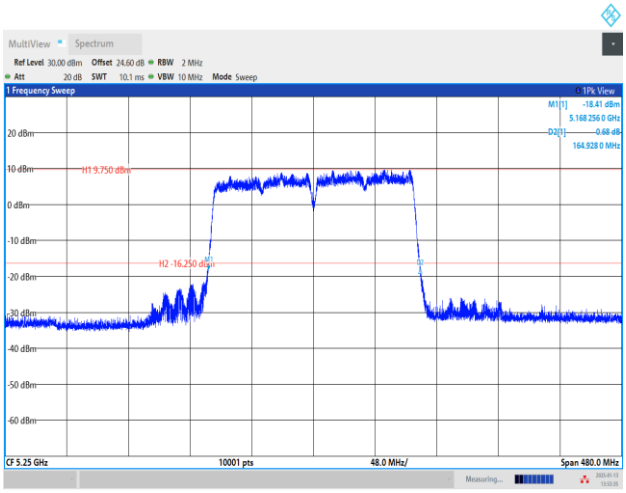
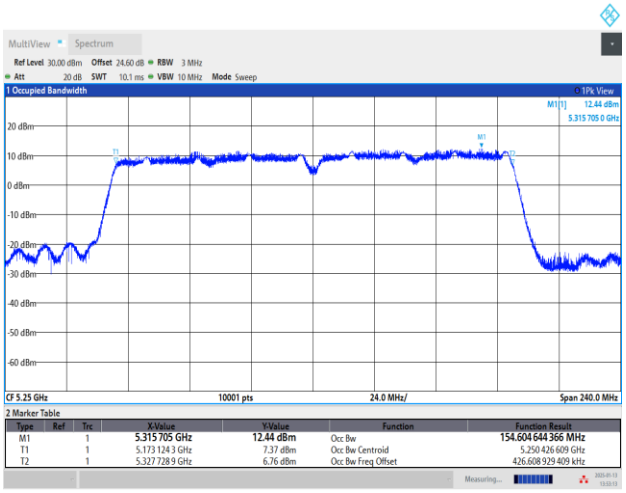
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

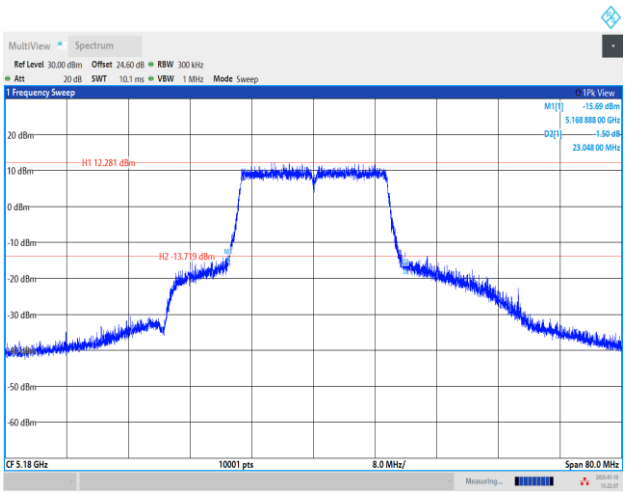
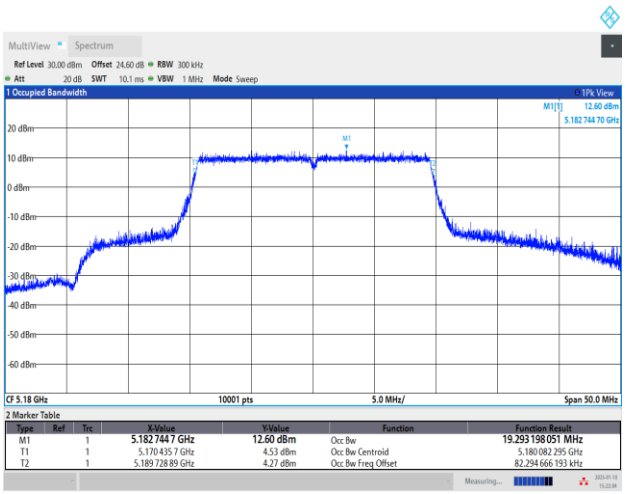
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

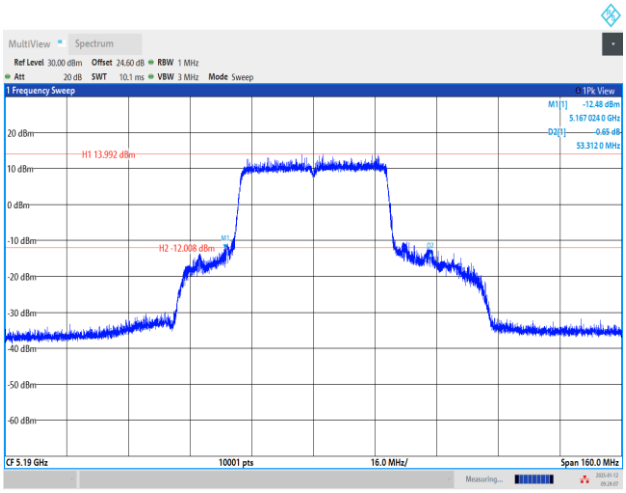
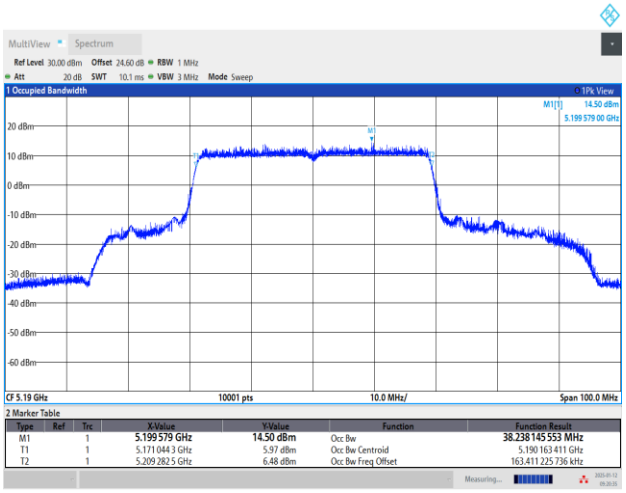
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

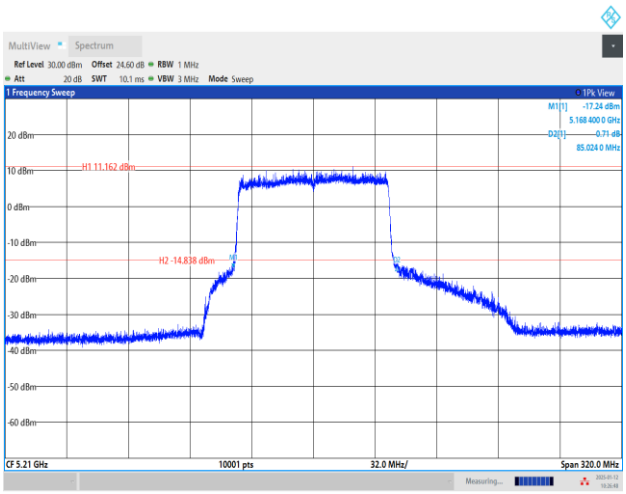
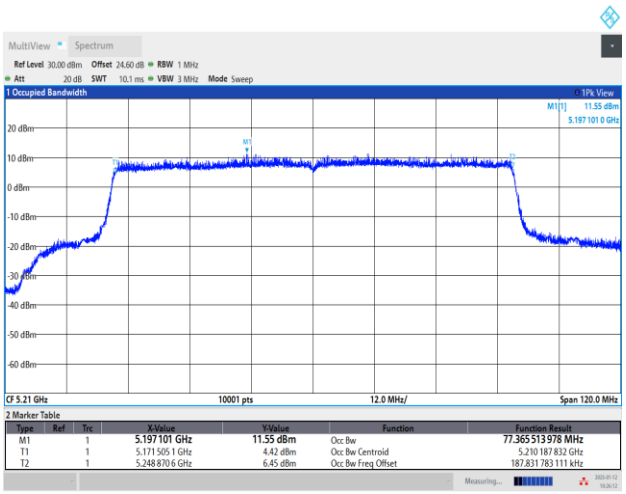
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

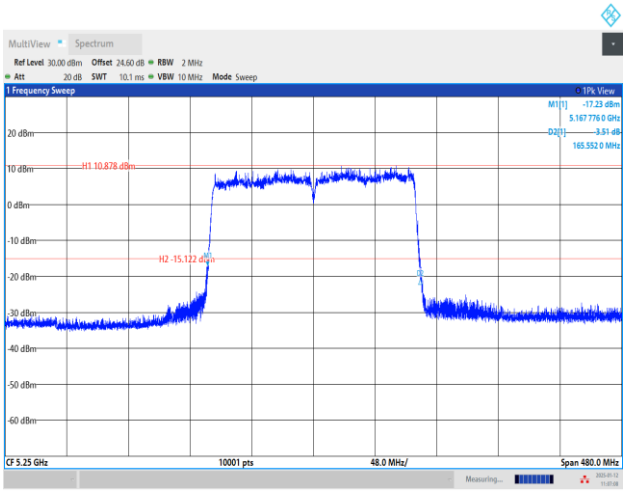
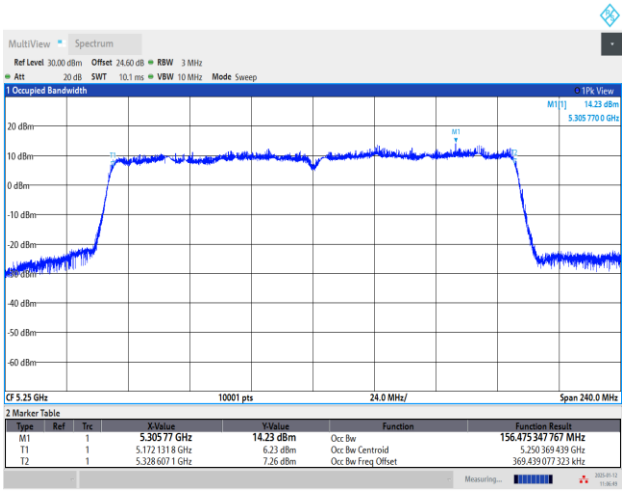
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11be EHT160>

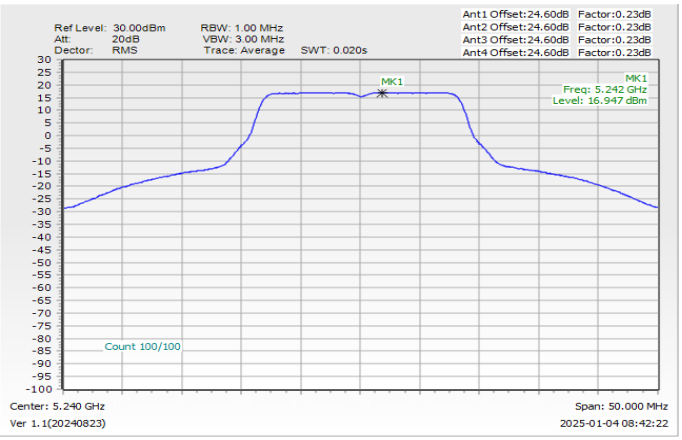
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

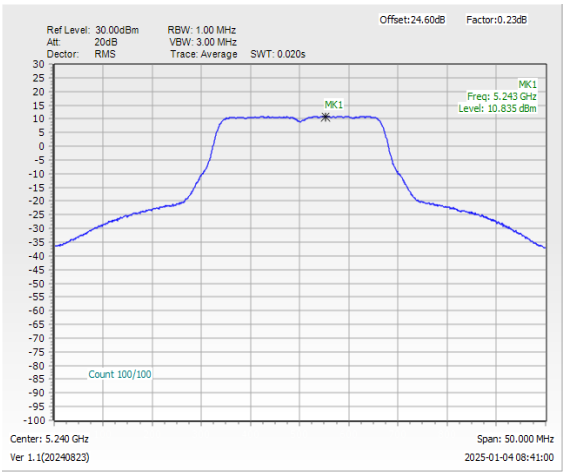
<802.11a>

Maximum Power Density Plot (dBm/MHz)

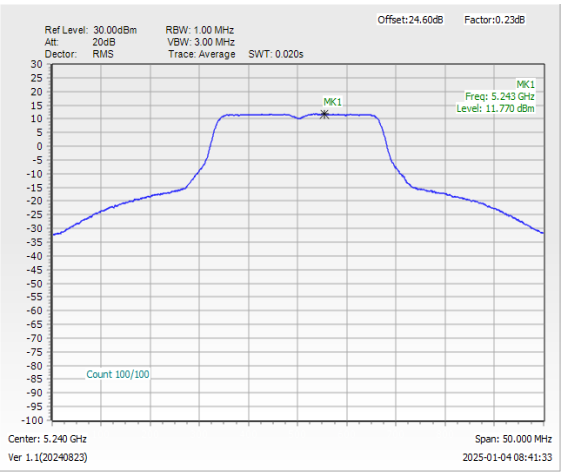


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

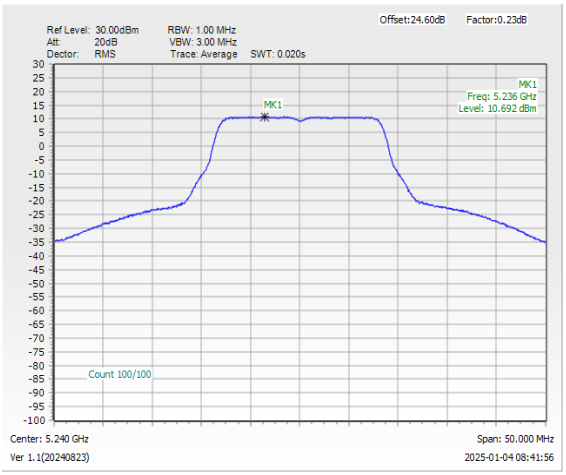
Maximum Power Density Plot Trace 1 (Ant 5)



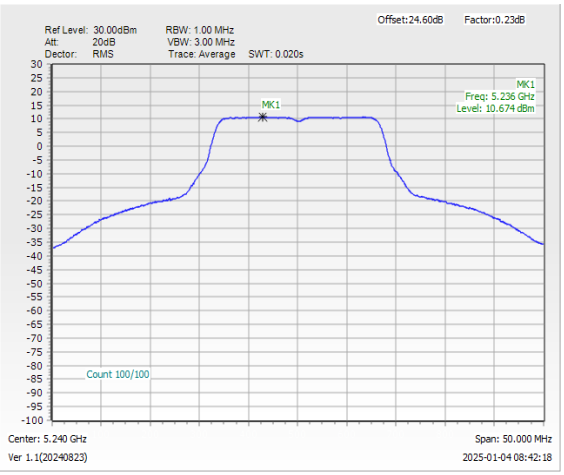
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

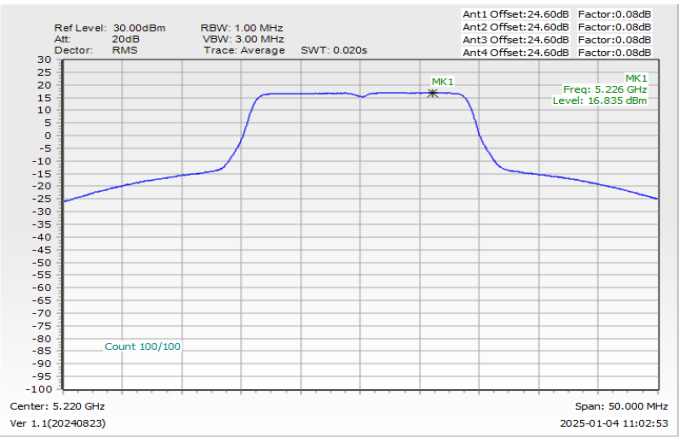


Maximum Power Density Plot Trace 4 (Ant 8)



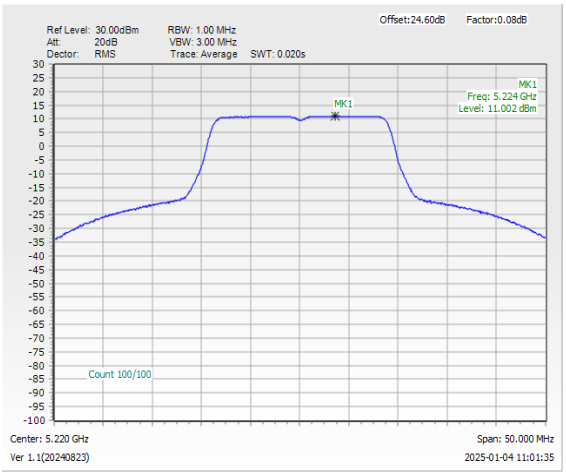
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)

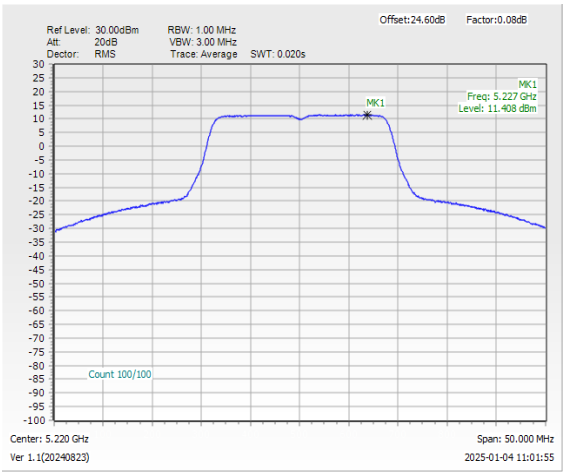


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

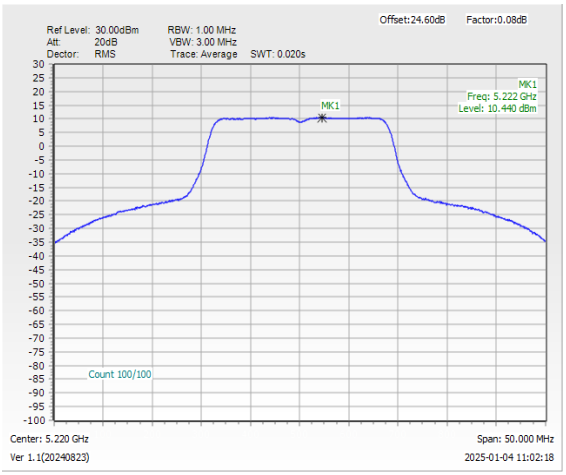
Maximum Power Density Plot Trace 1 (Ant 5)



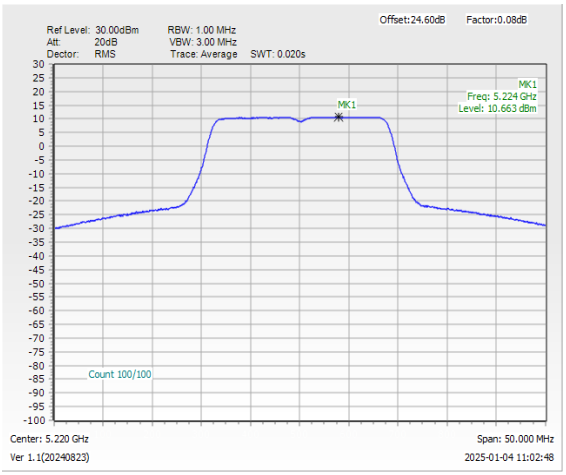
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

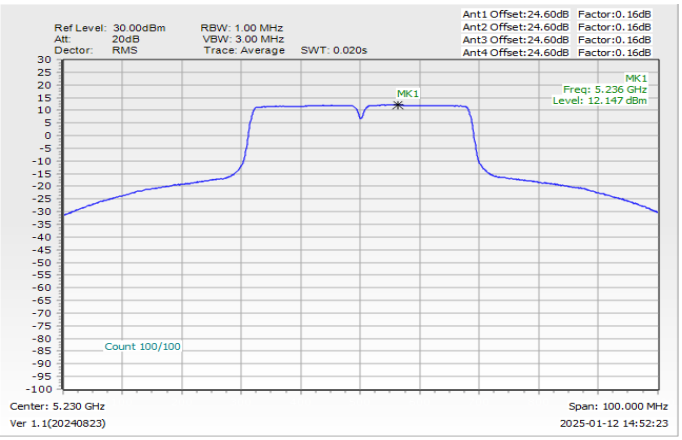


Maximum Power Density Plot Trace 4 (Ant 8)



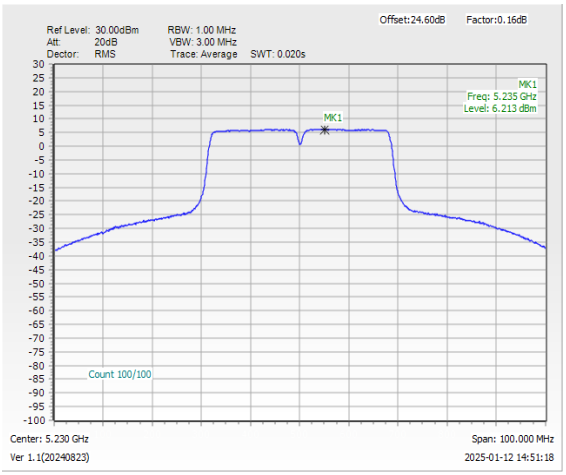
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)

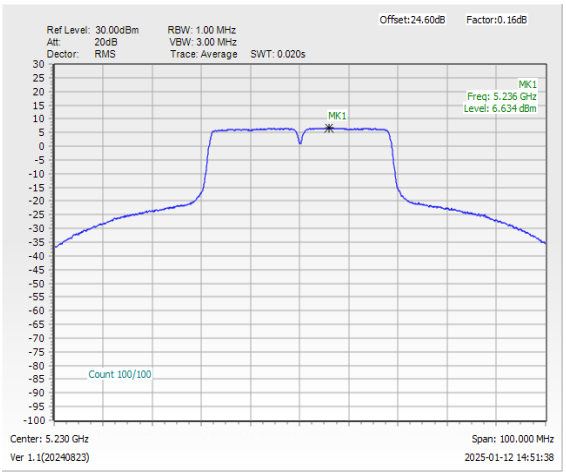


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

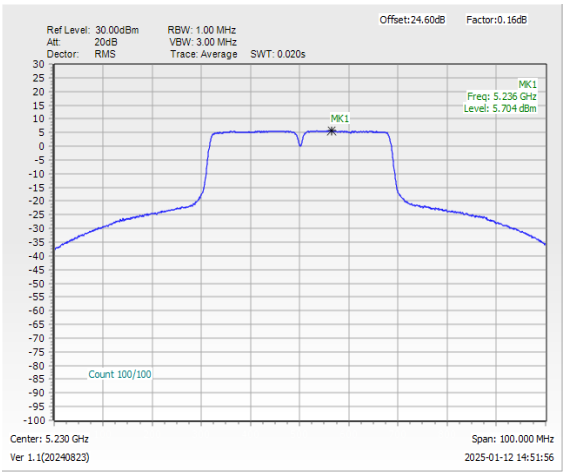
Maximum Power Density Plot Trace 1 (Ant 5)



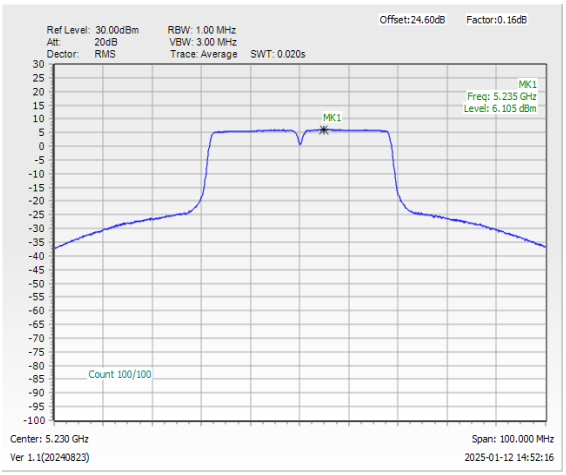
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

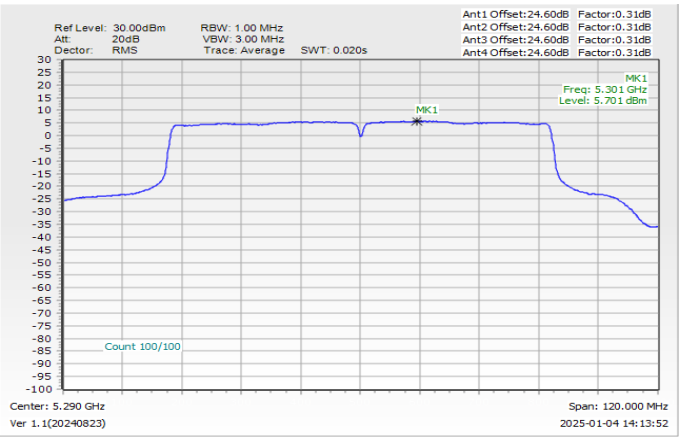


Maximum Power Density Plot Trace 4 (Ant 8)



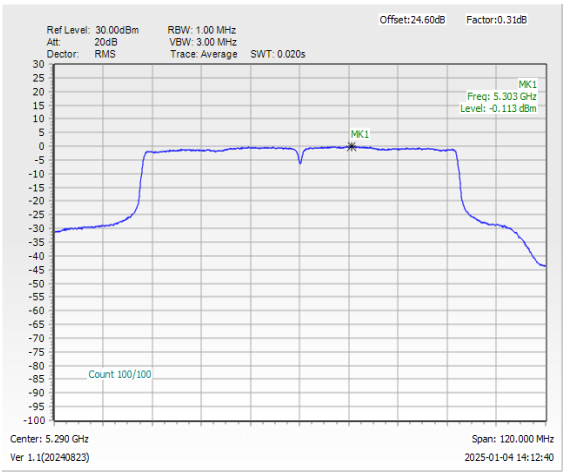
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

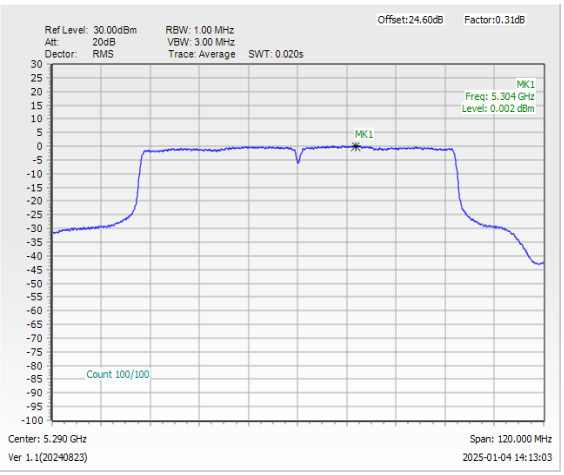


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

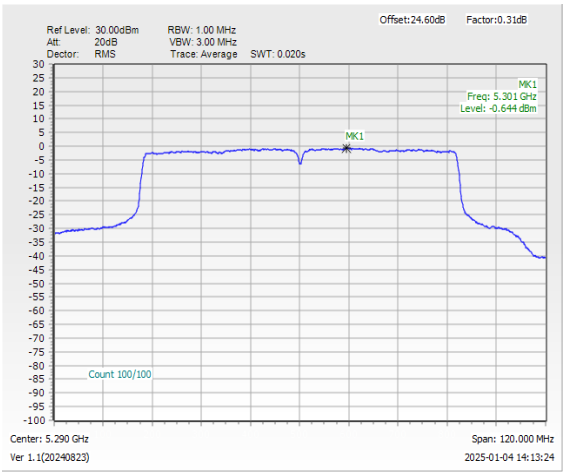
Maximum Power Density Plot Trace 1 (Ant 5)



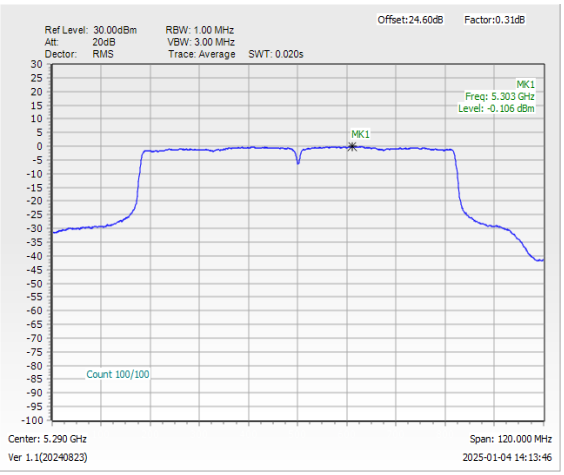
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

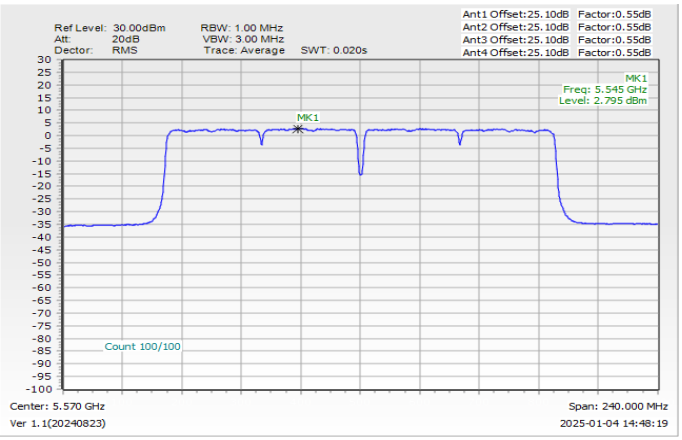


Maximum Power Density Plot Trace 4 (Ant 8)



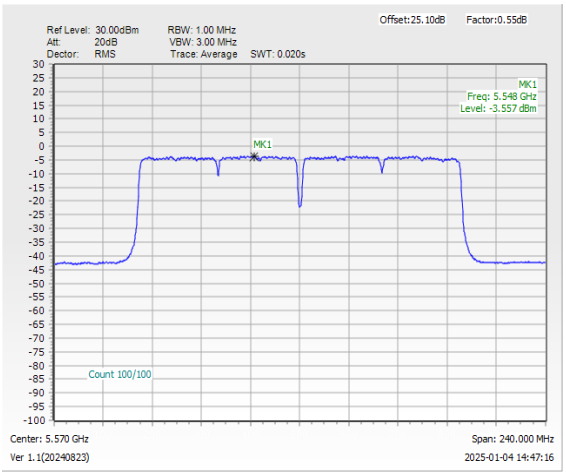
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)

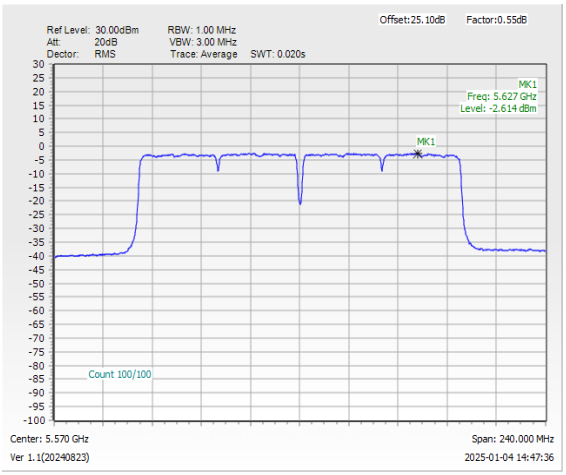


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

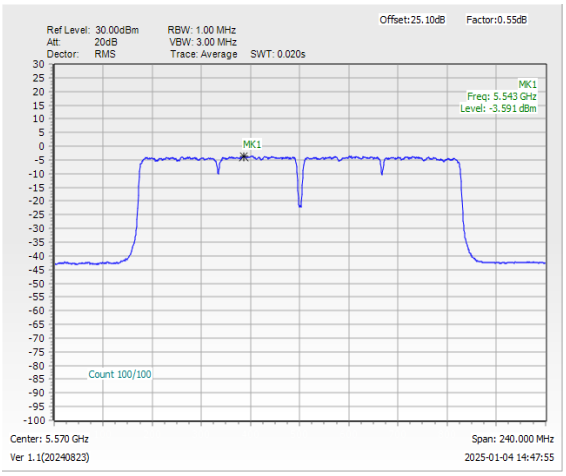
Maximum Power Density Plot Trace 1 (Ant 5)



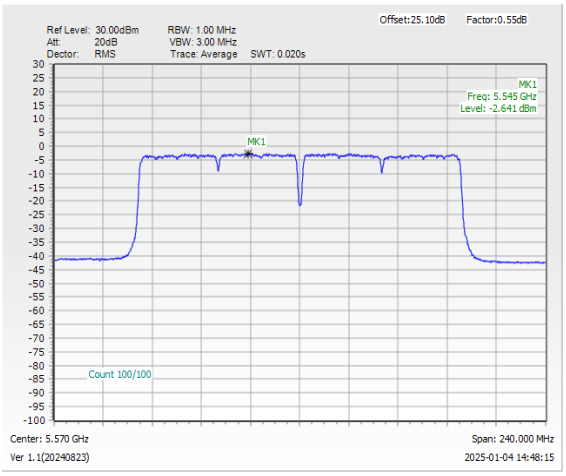
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

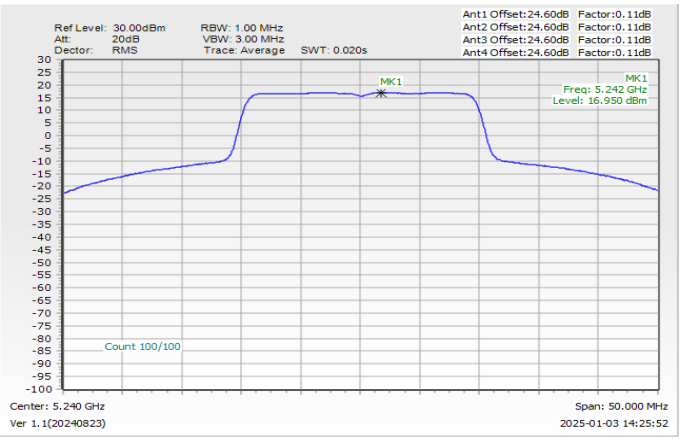


Maximum Power Density Plot Trace 4 (Ant 8)



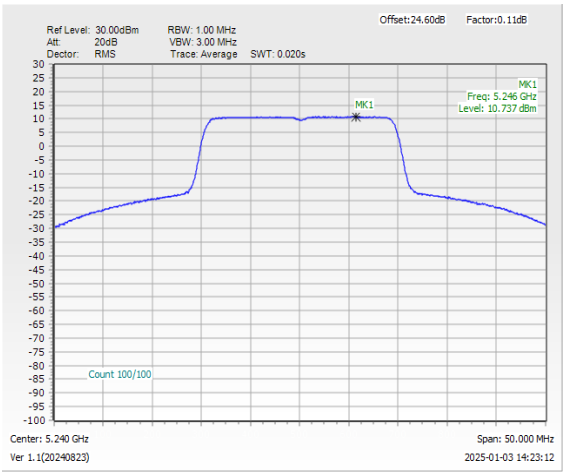
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

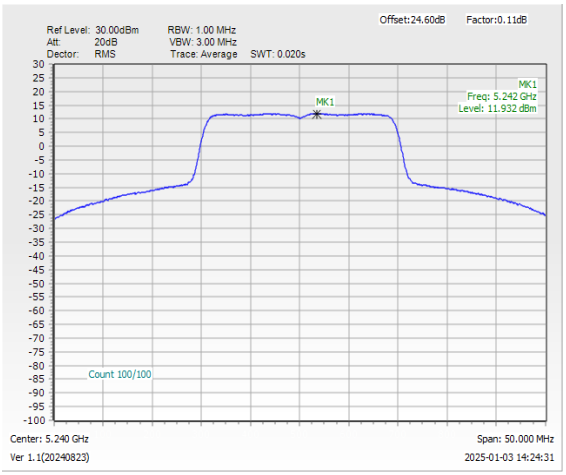


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

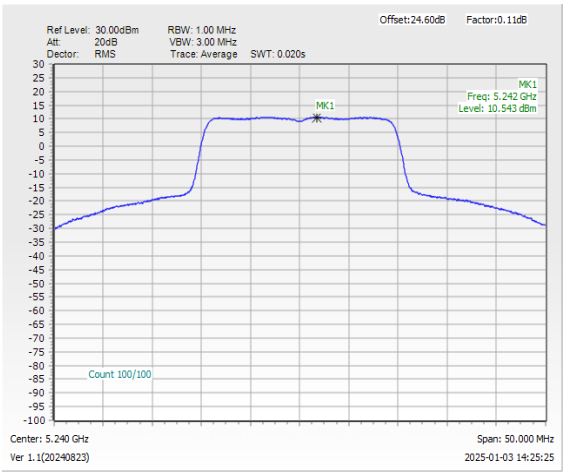
Maximum Power Density Plot Trace 1 (Ant 5)



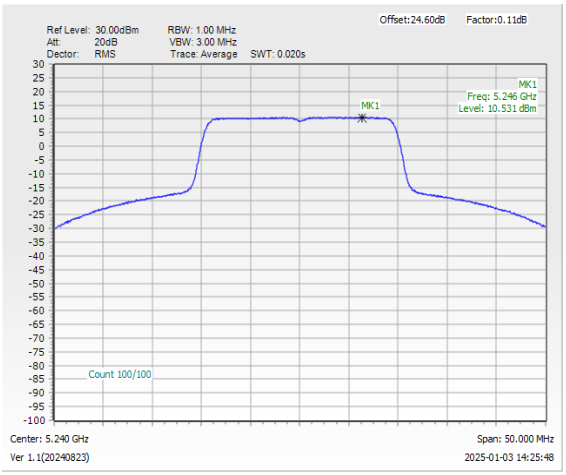
Maximum Power Density Plot Trace 2 (Ant 6)



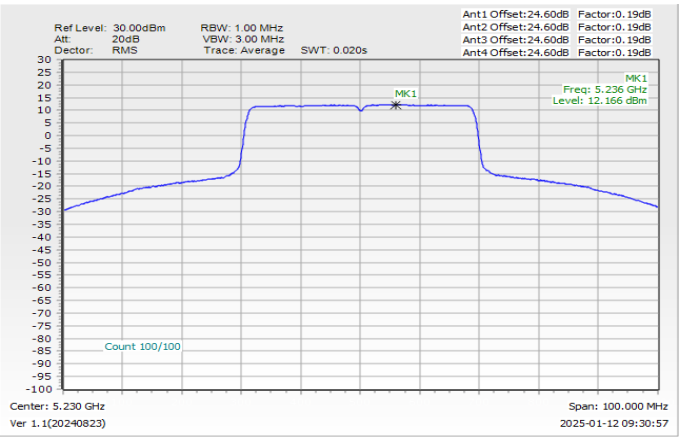
Maximum Power Density Plot Trace 3 (Ant 7)



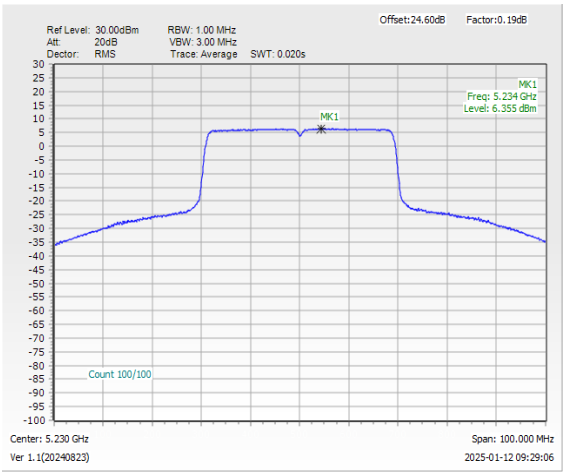
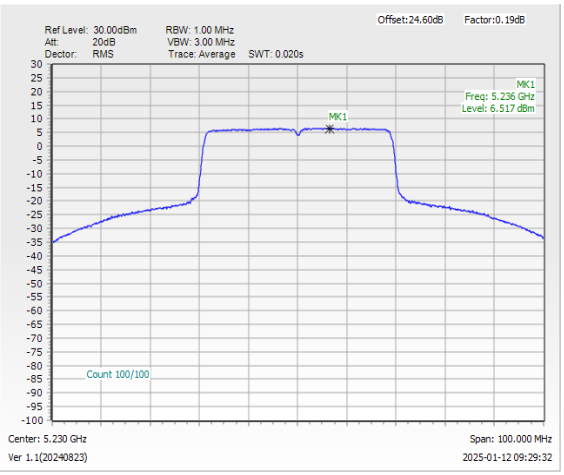
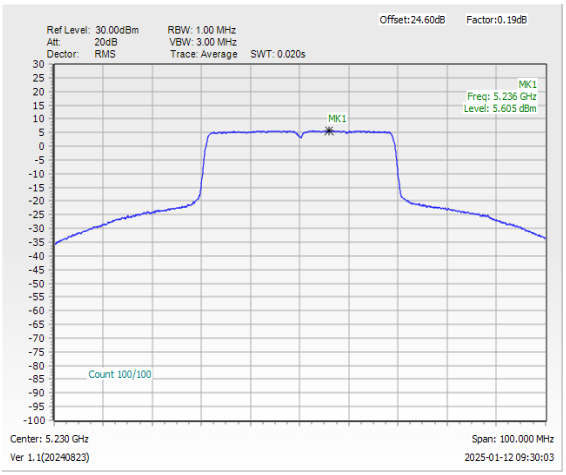
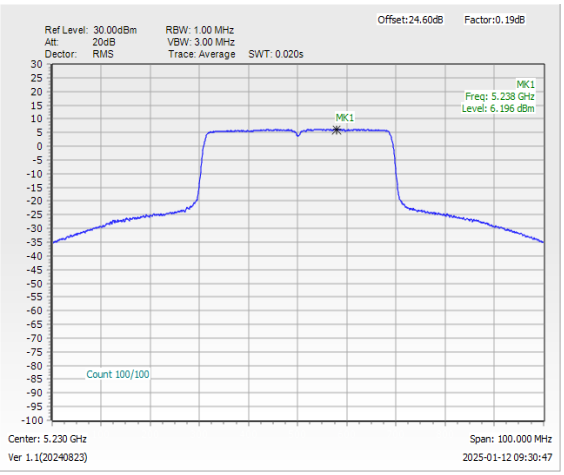
Maximum Power Density Plot Trace 4 (Ant 8)



<802.11be EHT40>

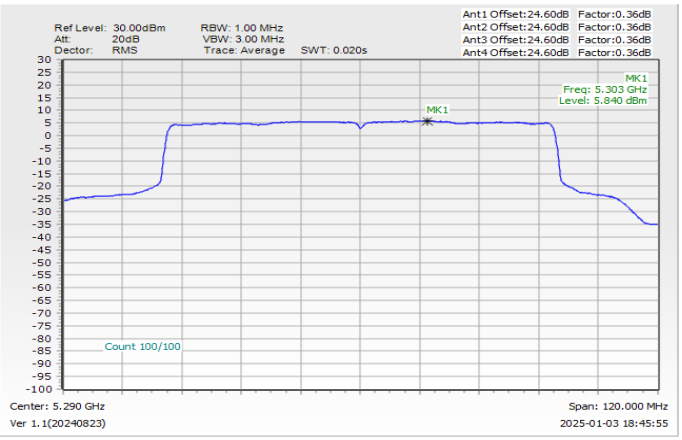
Maximum Power Density Plot (dBm/MHz)


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

Maximum Power Density Plot Trace 1 (Ant 5)	Maximum Power Density Plot Trace 2 (Ant 6)
	
Maximum Power Density Plot Trace 3 (Ant 7)	**Maximum Power Density Plot Trace 4 (Ant 8)**
	

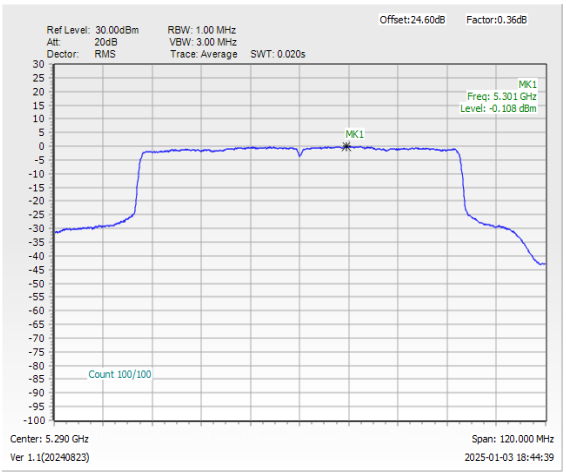
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

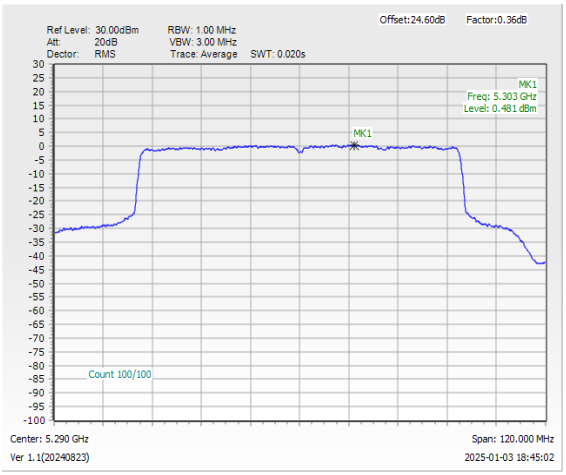


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

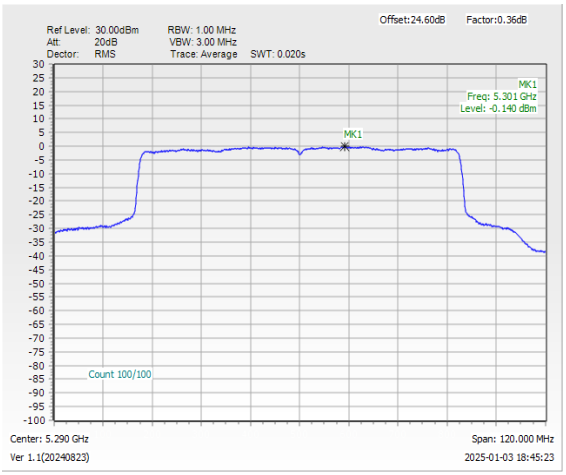
Maximum Power Density Plot Trace 1 (Ant 5)



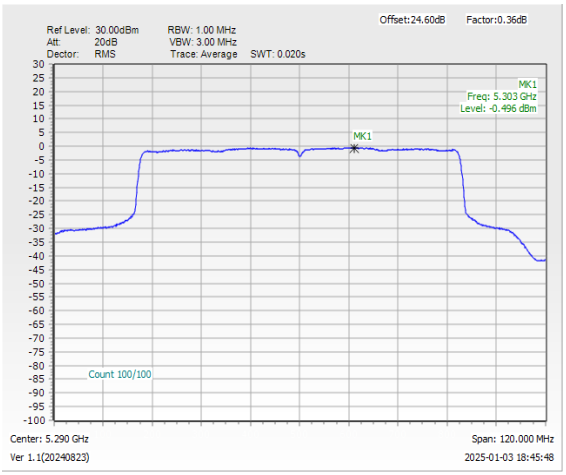
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

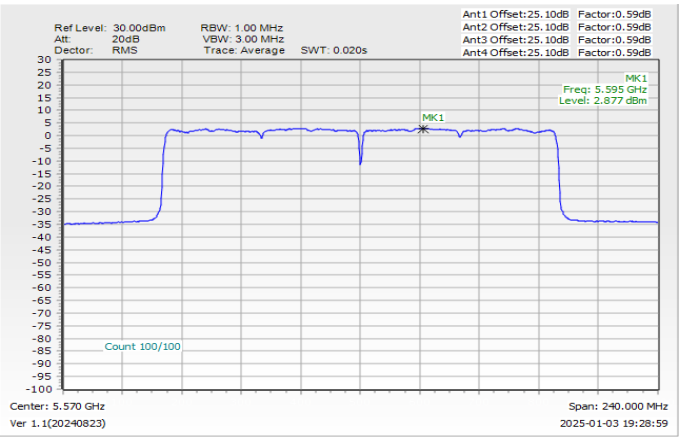


Maximum Power Density Plot Trace 4 (Ant 8)



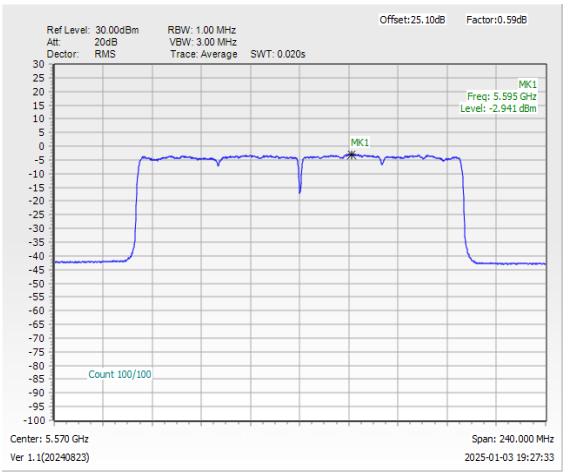
<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)

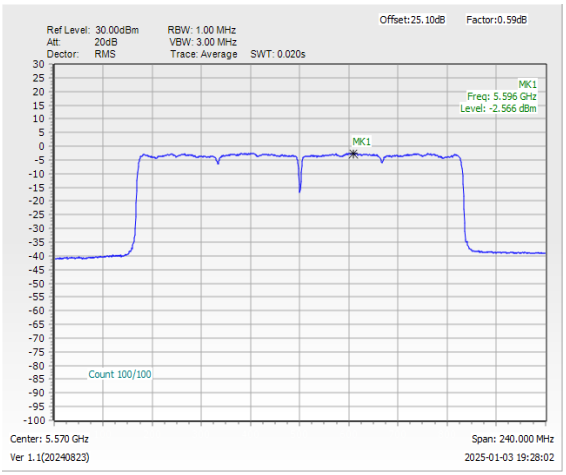


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

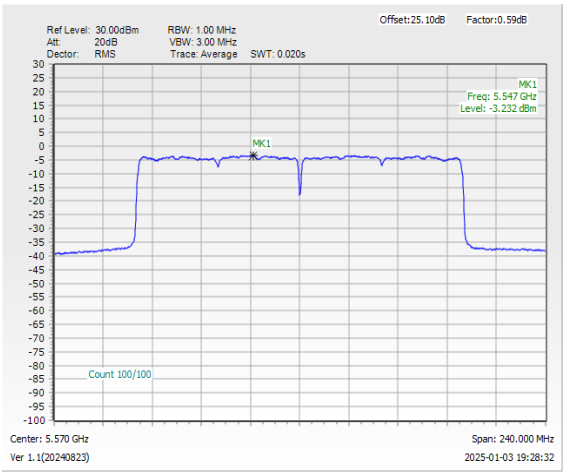
Maximum Power Density Plot Trace 1 (Ant 5)



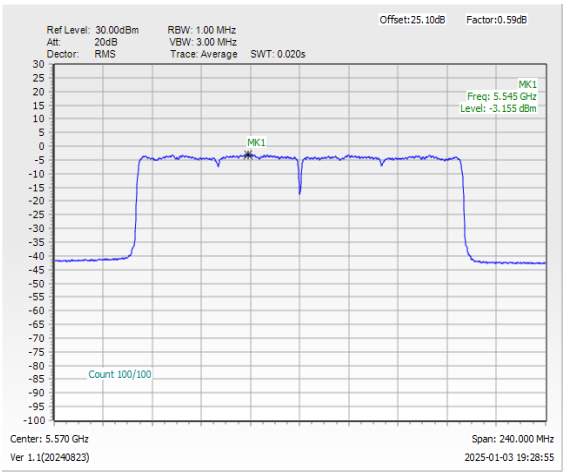
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)



Maximum Power Density Plot Trace 4 (Ant 8)

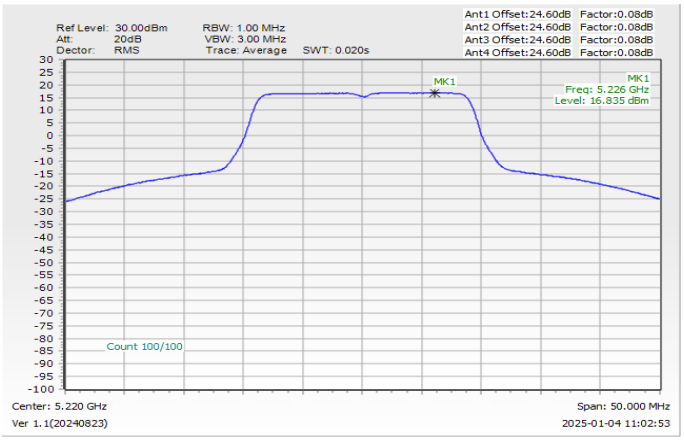


<N_{ss} = 2>

Test Result of Power Spectral Density

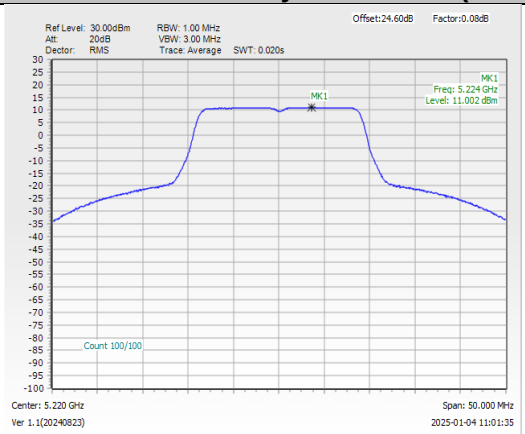
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)

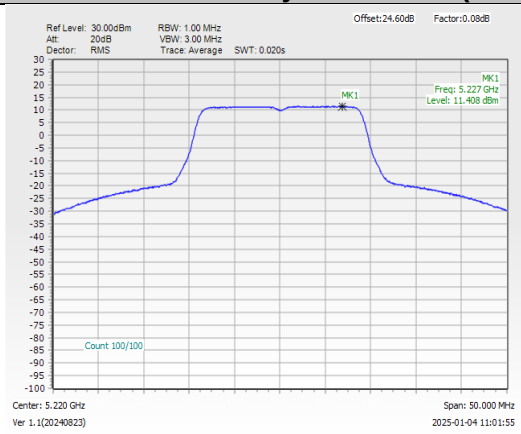


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

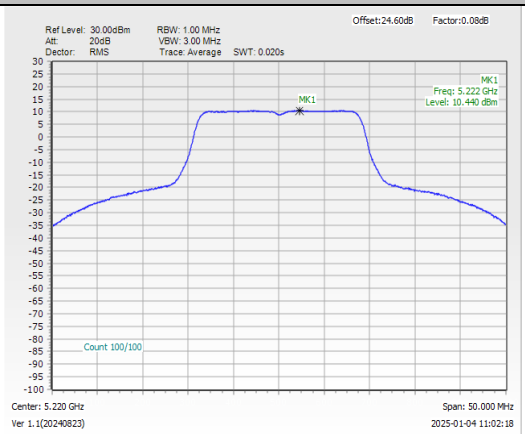
Maximum Power Density Plot Trace 1 (Ant 5)



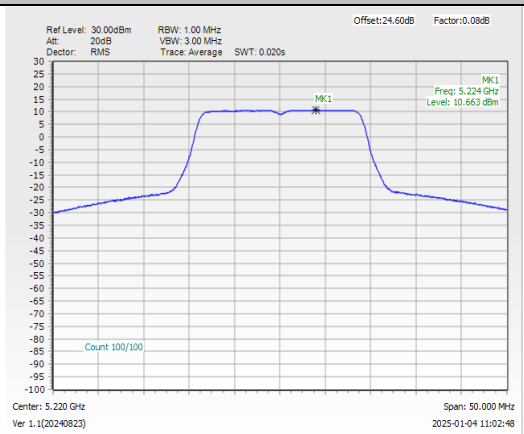
Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

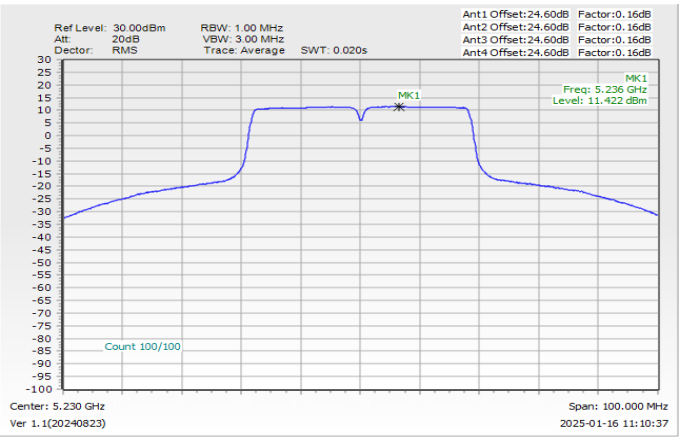


Maximum Power Density Plot Trace 3 (Ant 8)



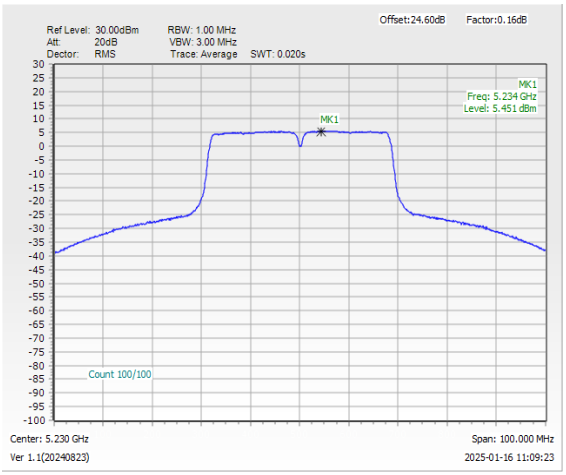
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)

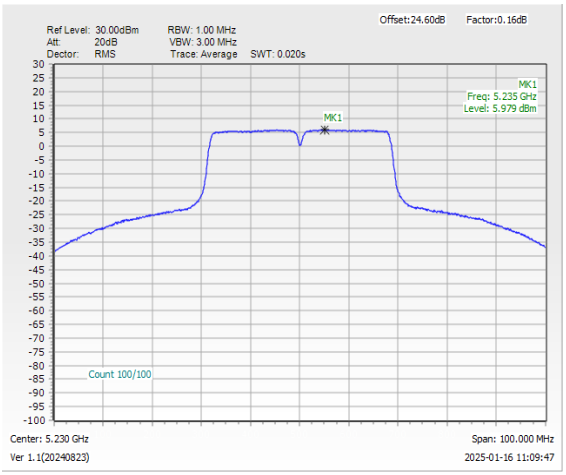


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

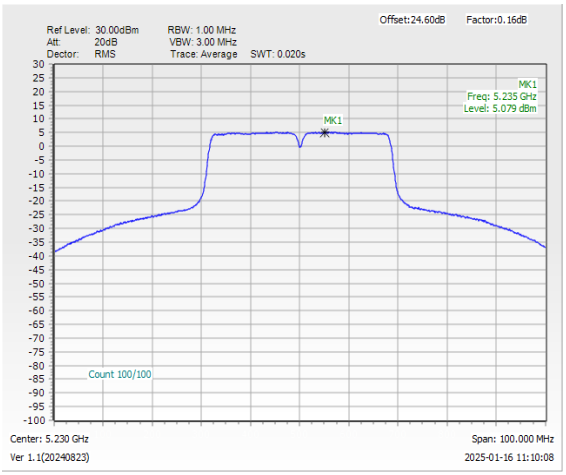
Maximum Power Density Plot Trace 1 (Ant 5)



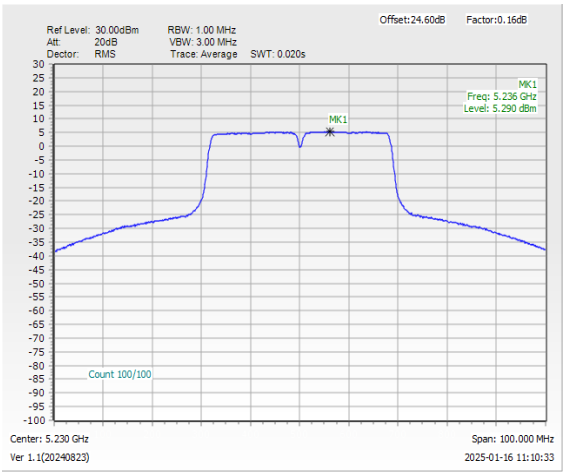
Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

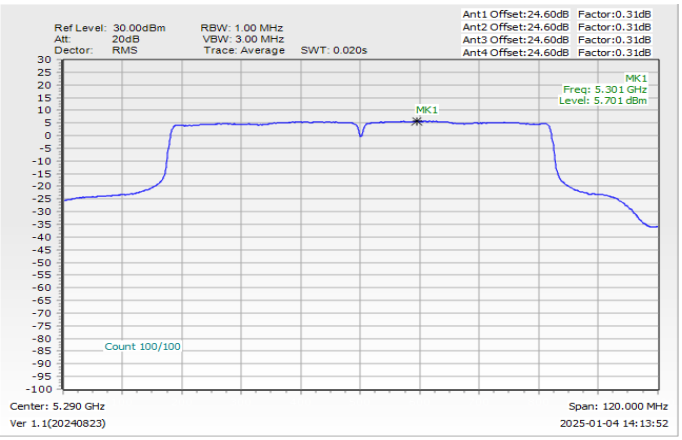


Maximum Power Density Plot Trace 3 (Ant 8)



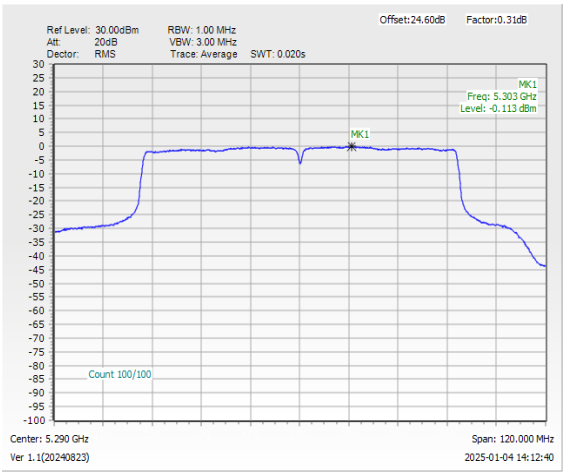
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

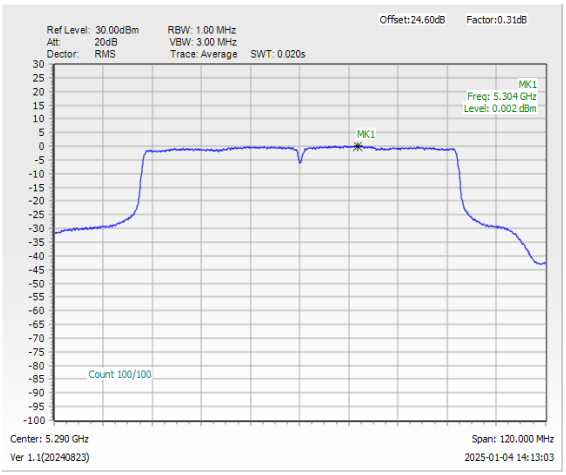


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

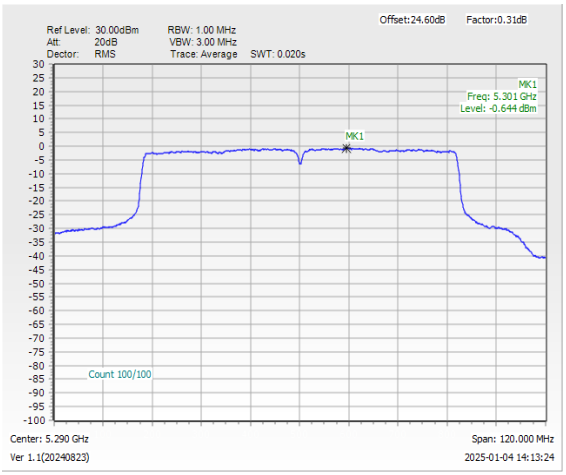
Maximum Power Density Plot Trace 1 (Ant 5)



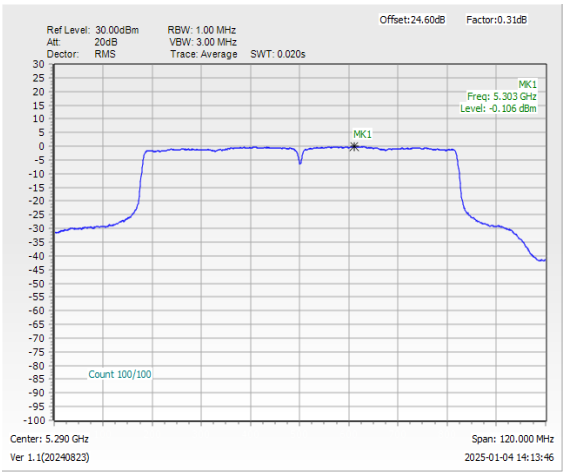
Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

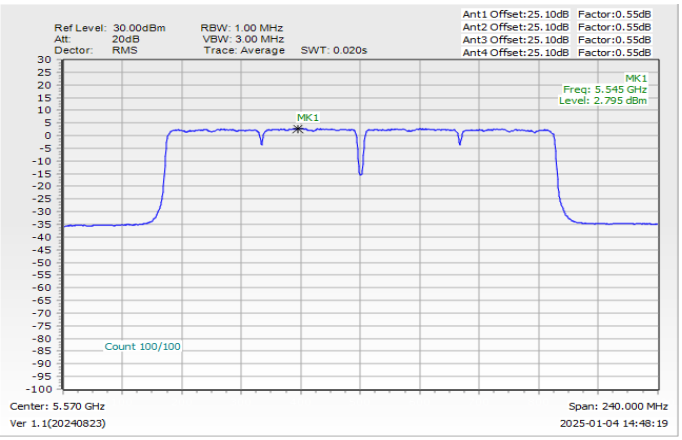


Maximum Power Density Plot Trace 3 (Ant 8)



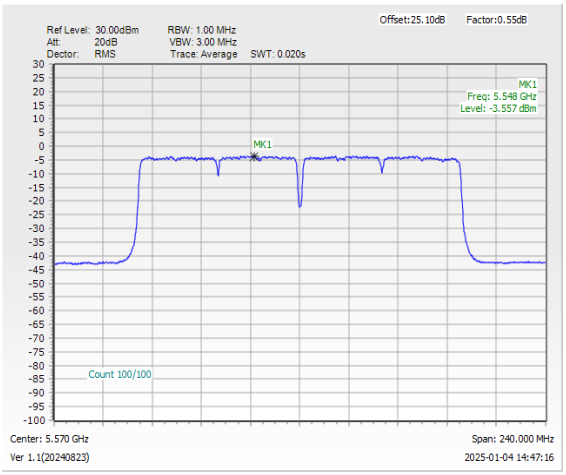
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)

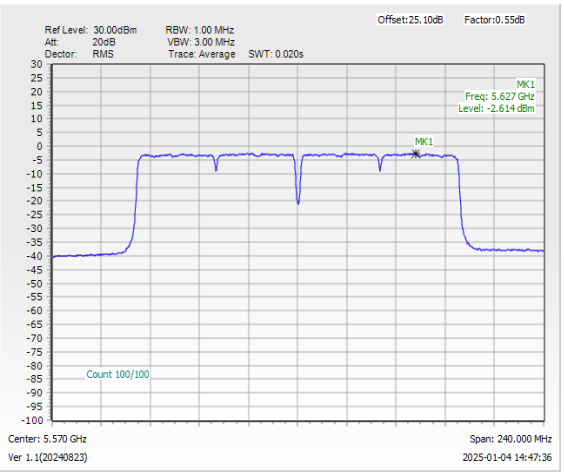


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

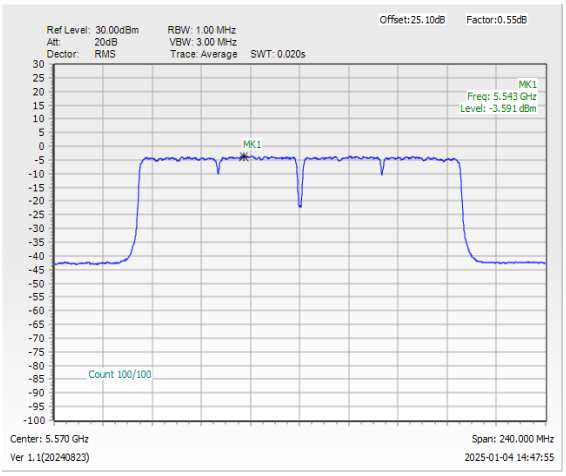
Maximum Power Density Plot Trace 1 (Ant 5)



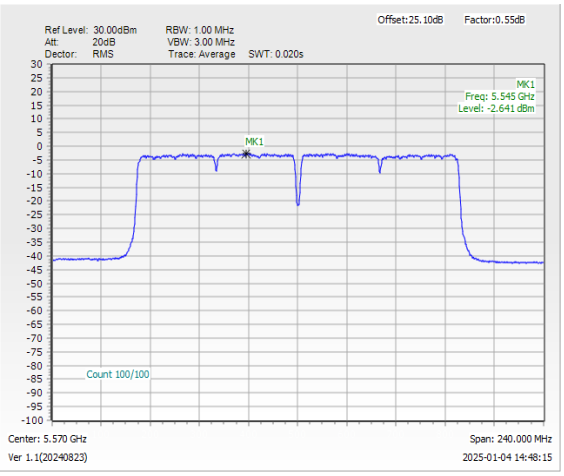
Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

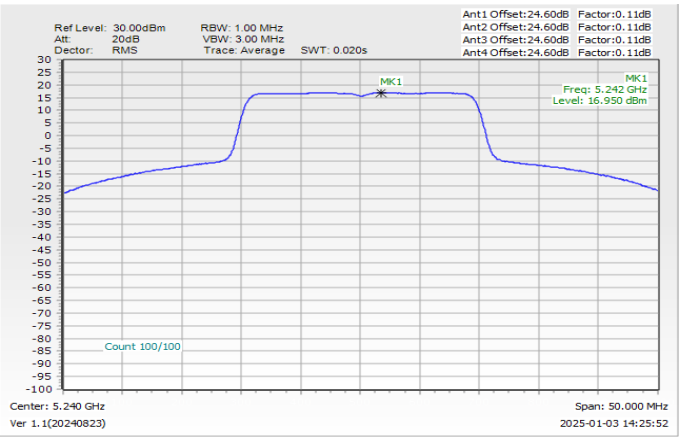


Maximum Power Density Plot Trace 3 (Ant 8)



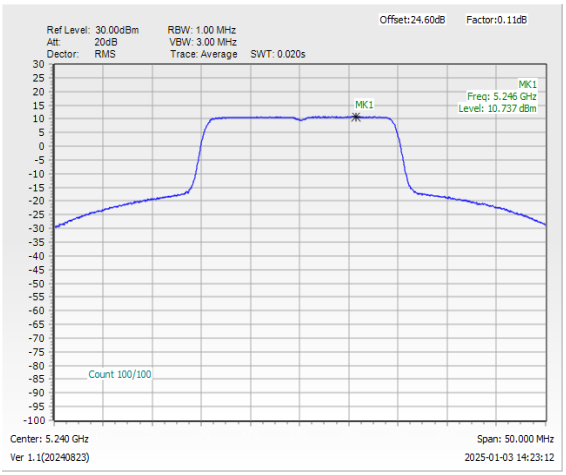
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

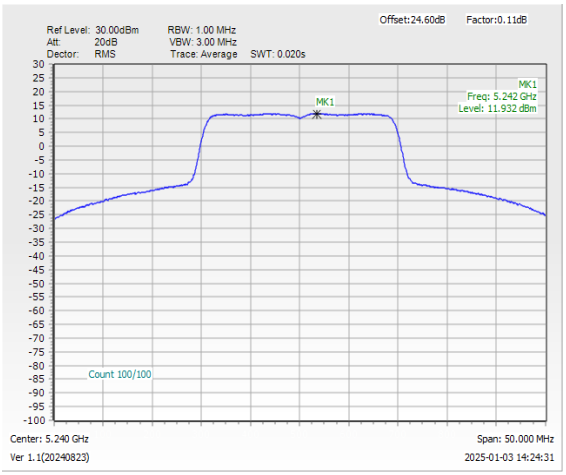


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

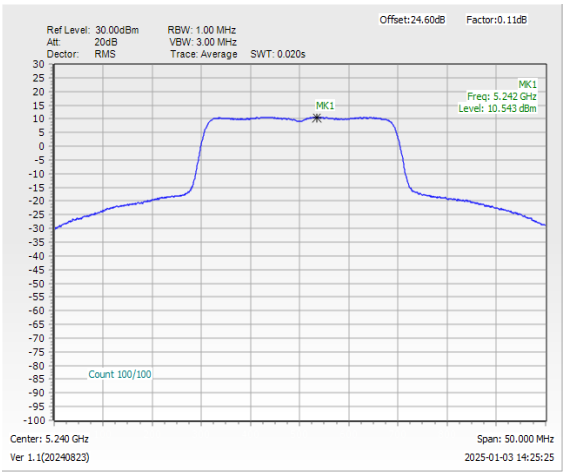
Maximum Power Density Plot Trace 1 (Ant 5)



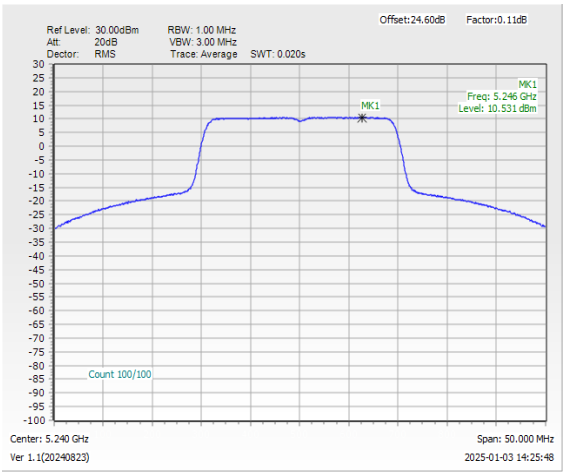
Maximum Power Density Plot Trace 1 (Ant 6)



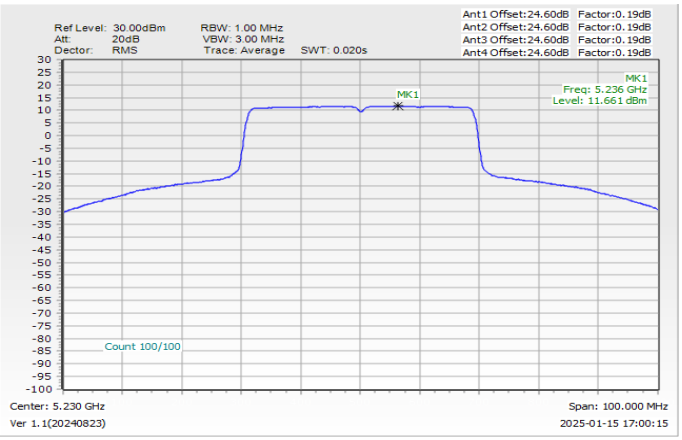
Maximum Power Density Plot Trace 3 (Ant 7)



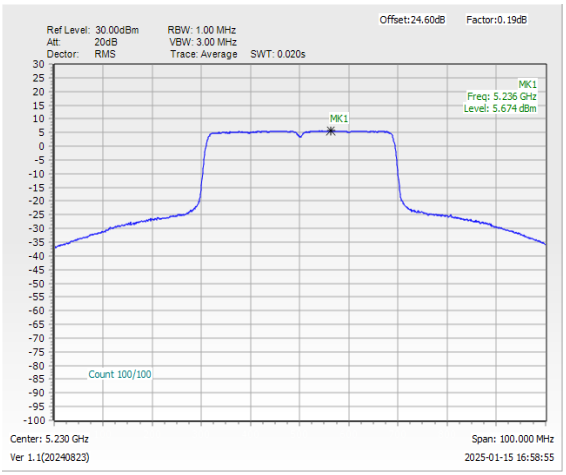
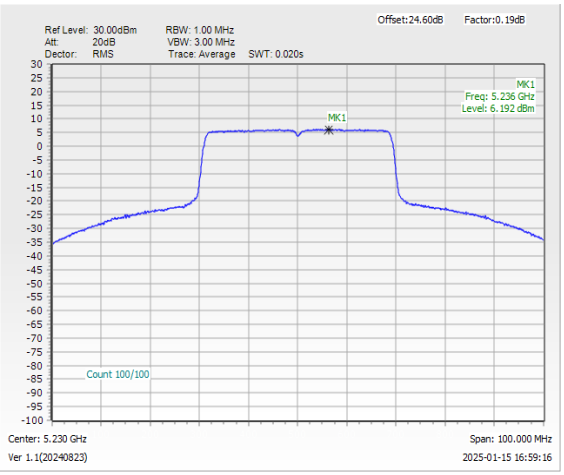
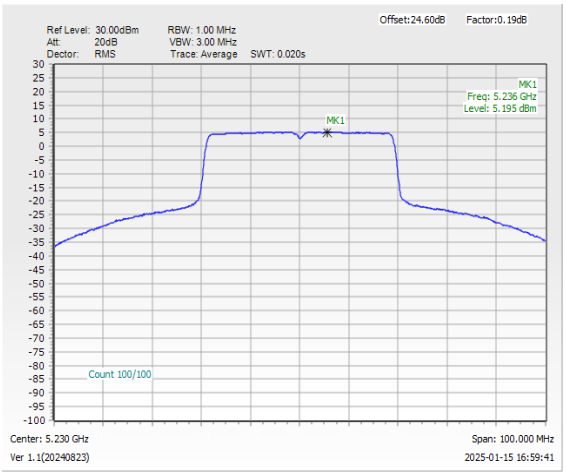
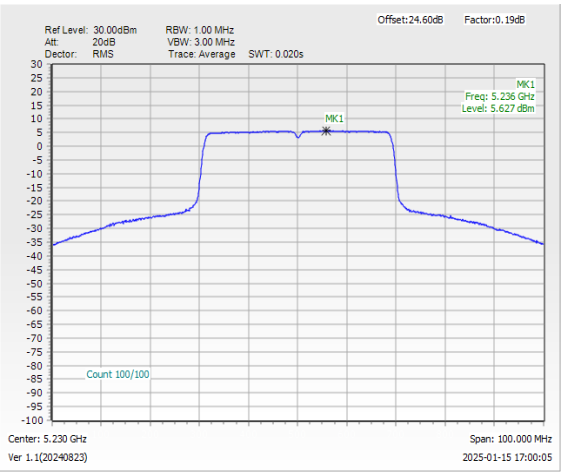
Maximum Power Density Plot Trace 3 (Ant 8)



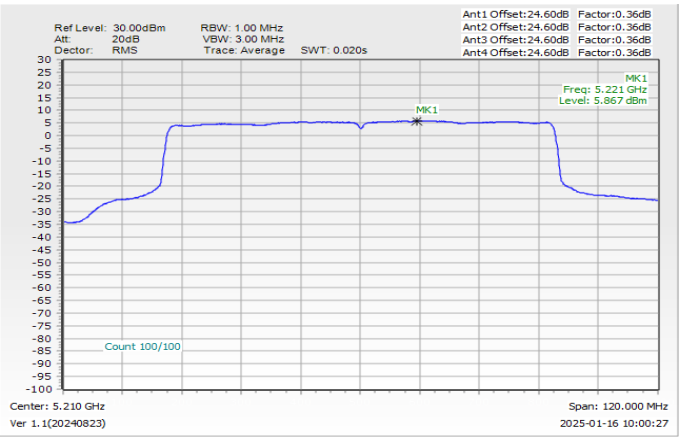
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)


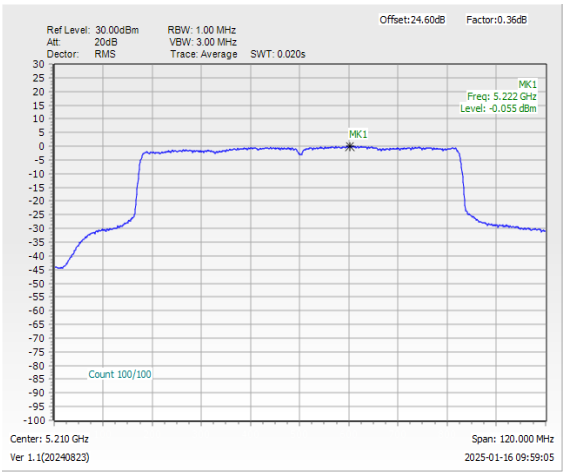
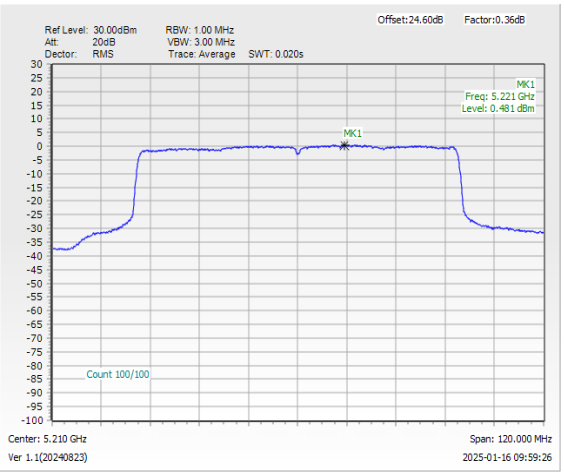
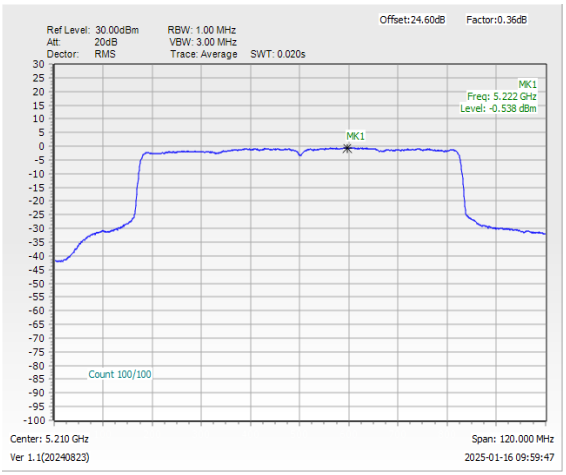
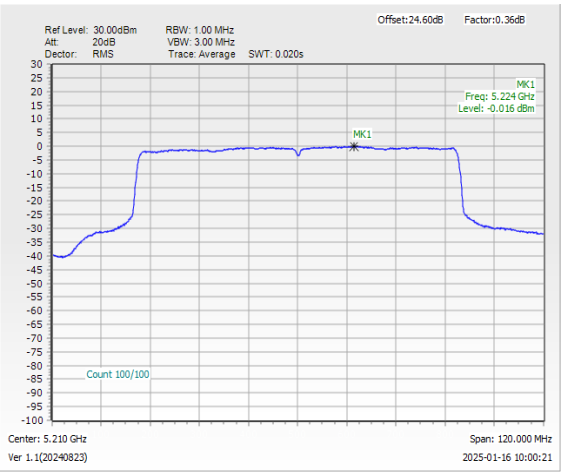
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Maximum Power Density Plot Trace 1 (Ant 5)	Maximum Power Density Plot Trace 1 (Ant 6)
	
Maximum Power Density Plot Trace 3 (Ant 7)	**Maximum Power Density Plot Trace 3 (Ant 8)**
	

<802.11be EHT80>

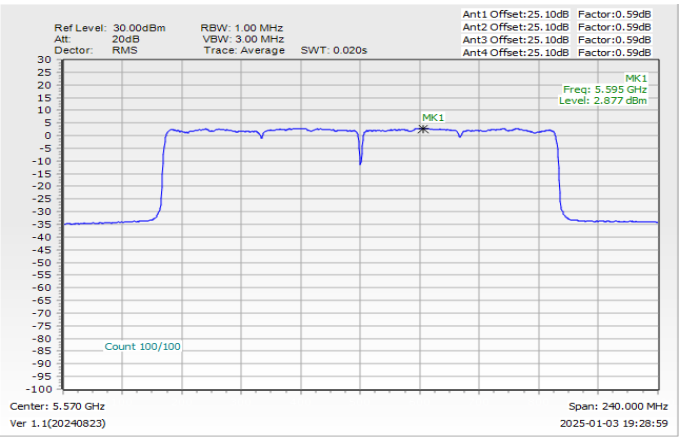
Maximum Power Density Plot (dBm/MHz)


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

Maximum Power Density Plot Trace 1 (Ant 5)	Maximum Power Density Plot Trace 1 (Ant 6)
	
Maximum Power Density Plot Trace 3 (Ant 7)	**Maximum Power Density Plot Trace 3 (Ant 8)**
	

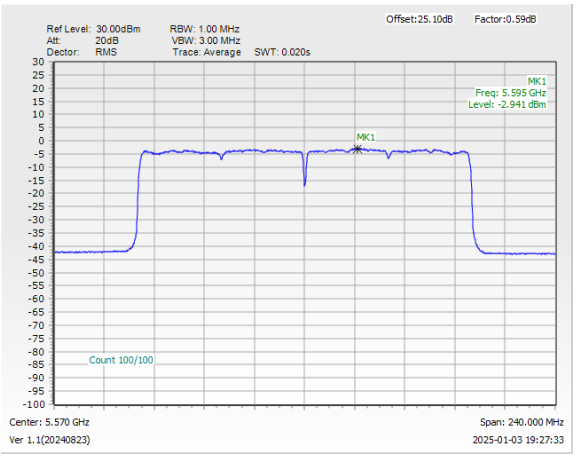
<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)

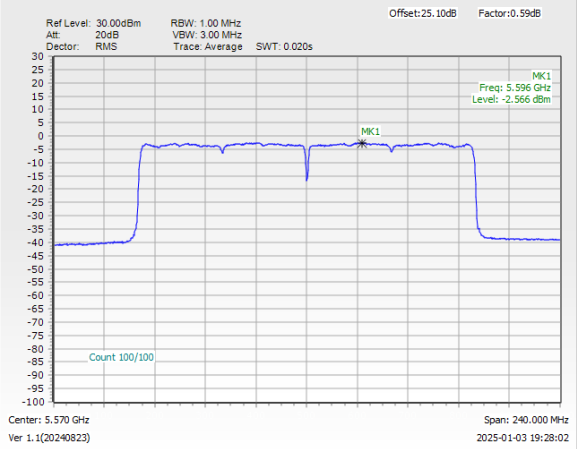


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

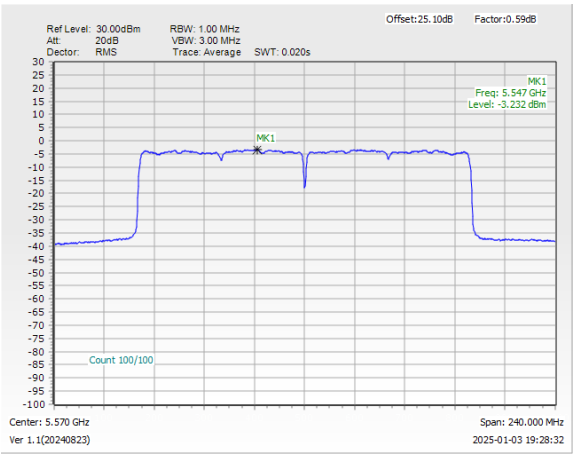
Maximum Power Density Plot Trace 1 (Ant 5)



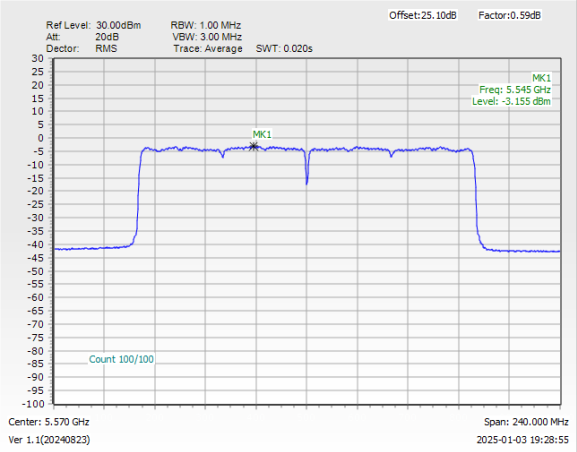
Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)



Maximum Power Density Plot Trace 3 (Ant 8)



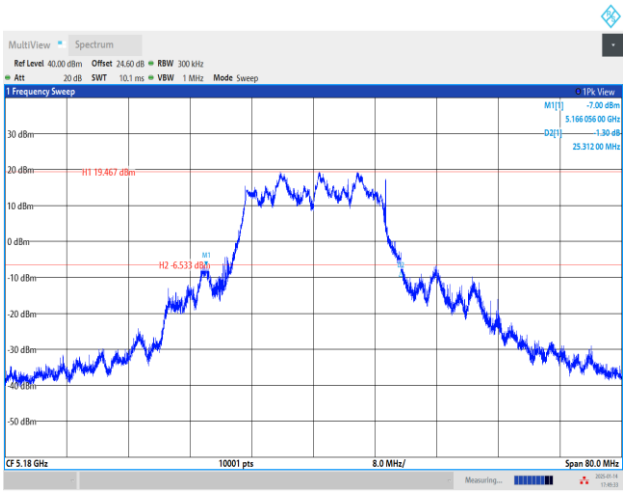
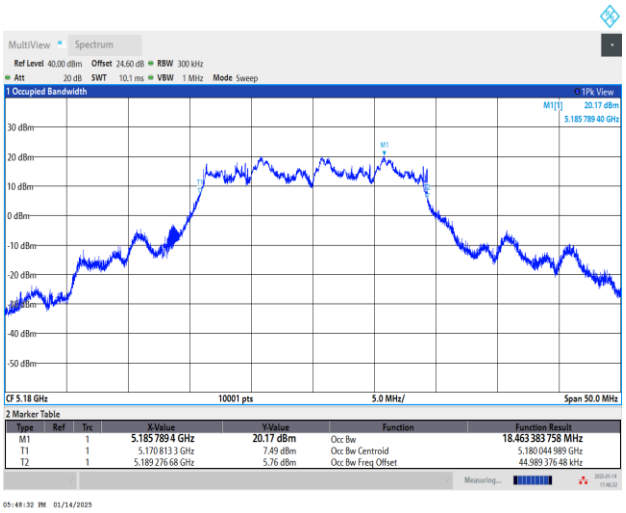
<TXBF Mode>

<N_{ss} = 1>

Test Result of 26dB & 99% Occupied Bandwidth

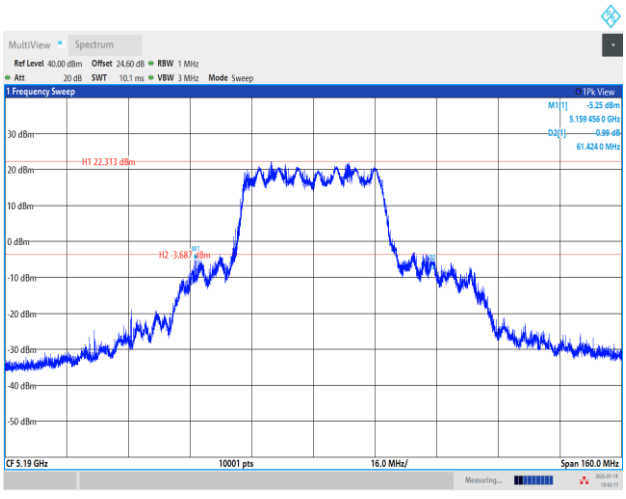
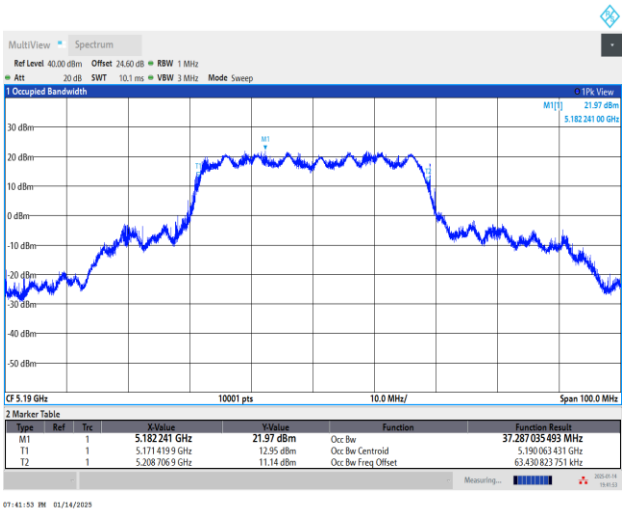
MIMO <Ant. 5+6+7+8>

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

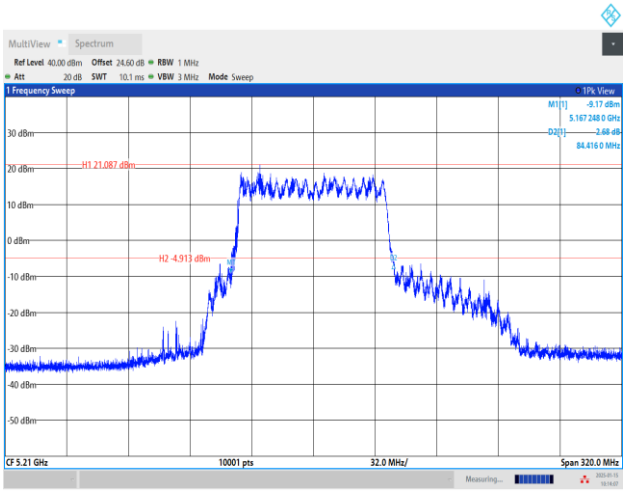
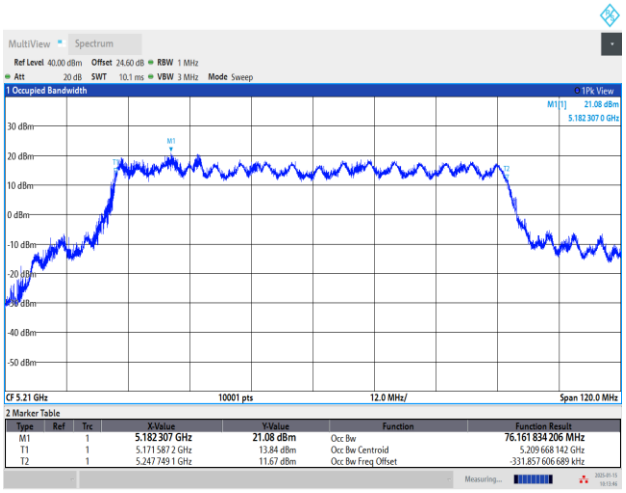
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

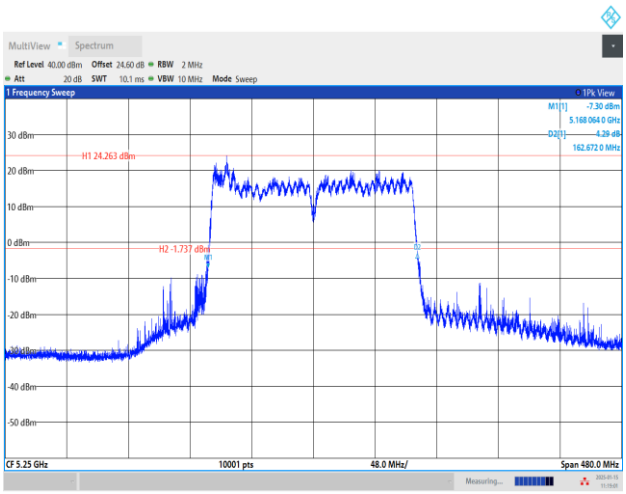
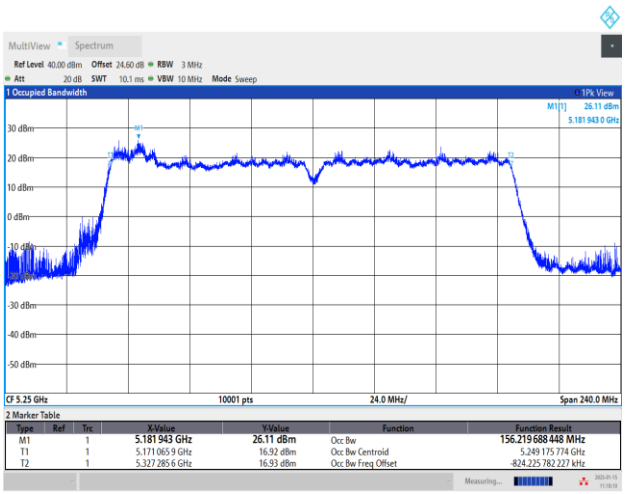
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

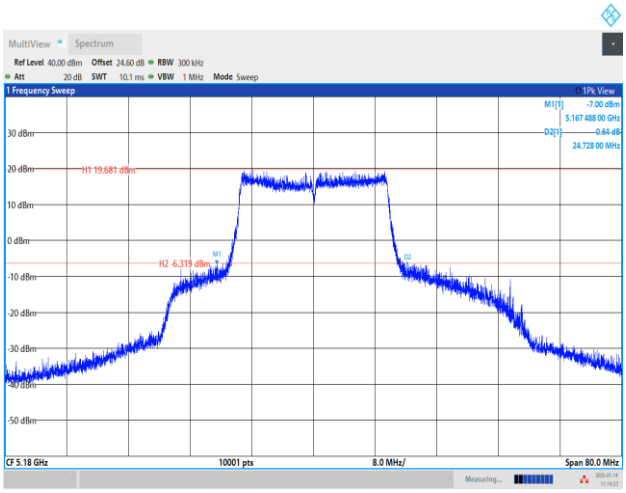
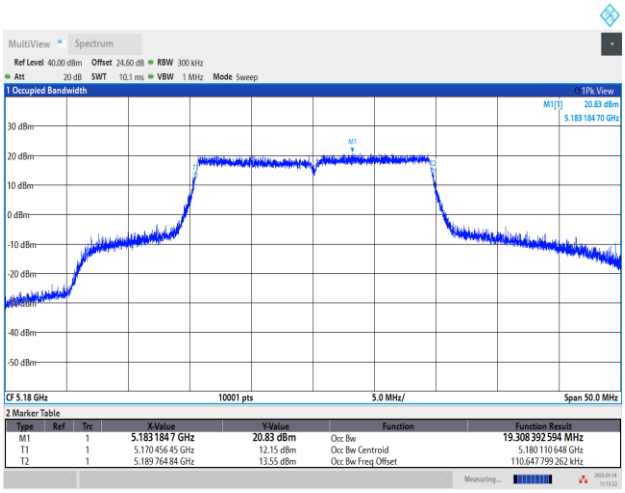
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

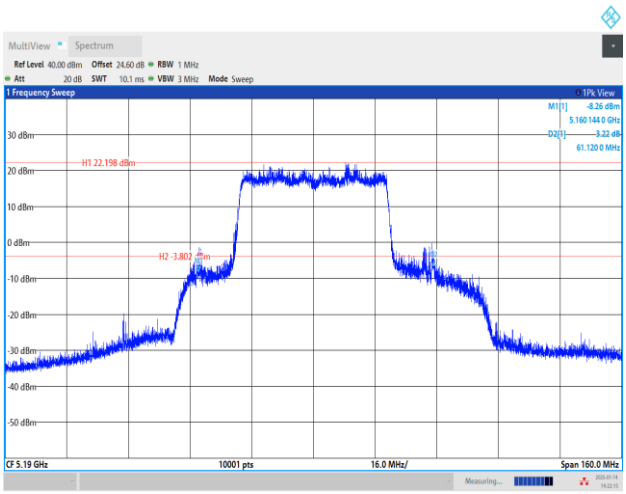
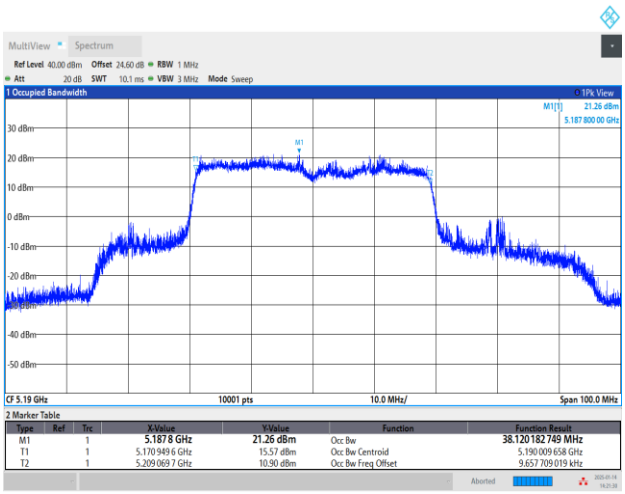
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

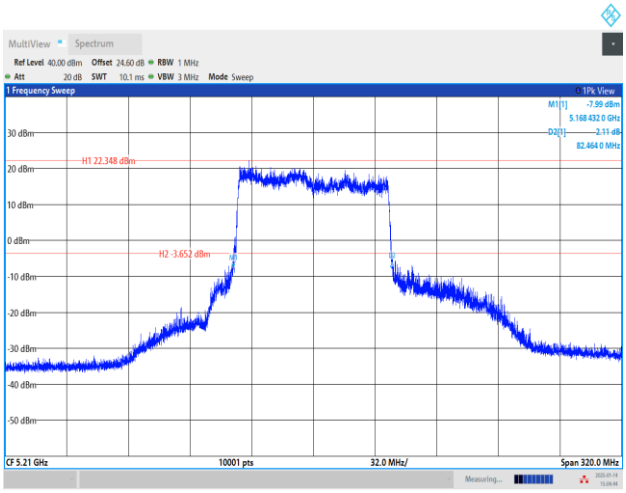
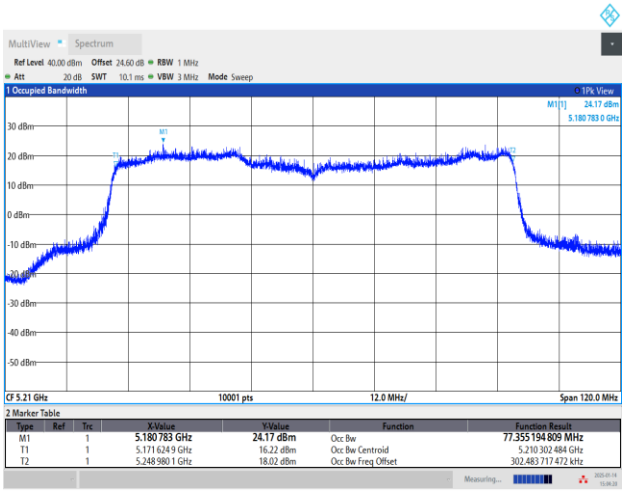
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

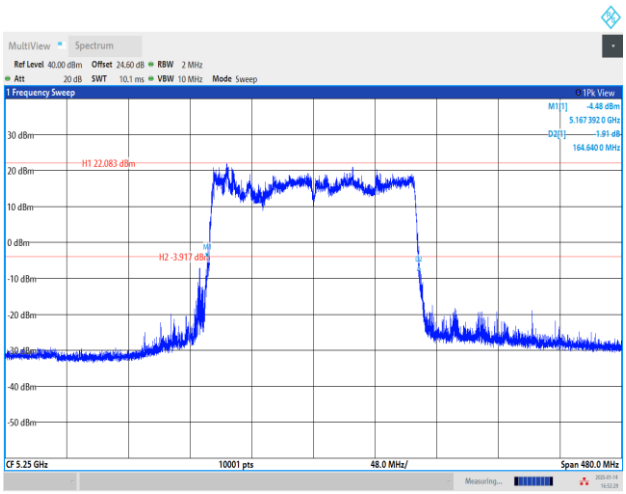
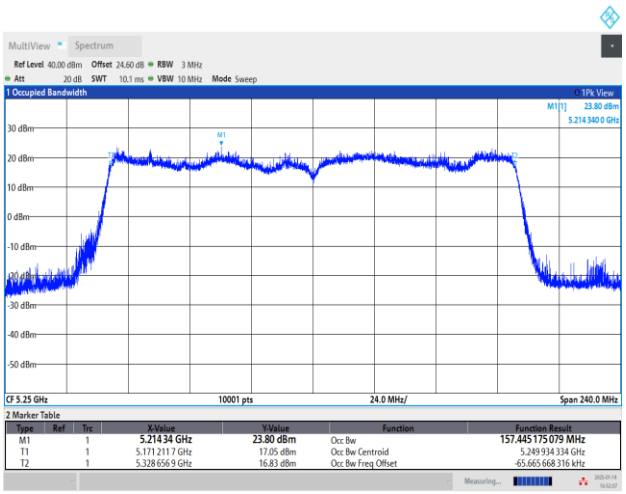
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11be EHT160>

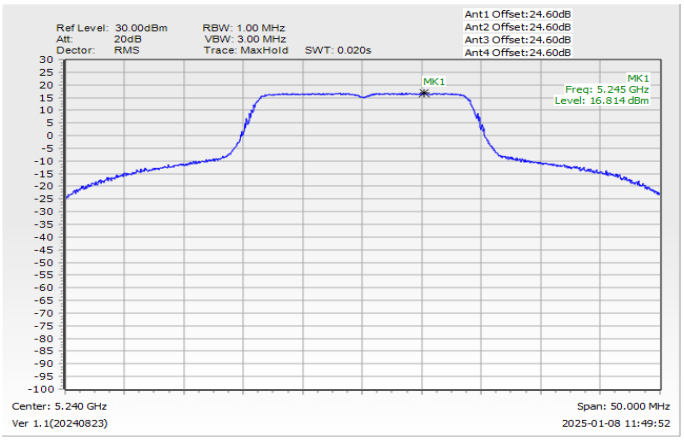
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

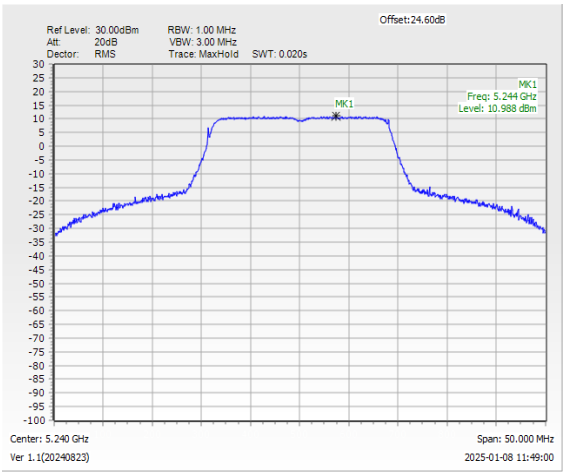
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)

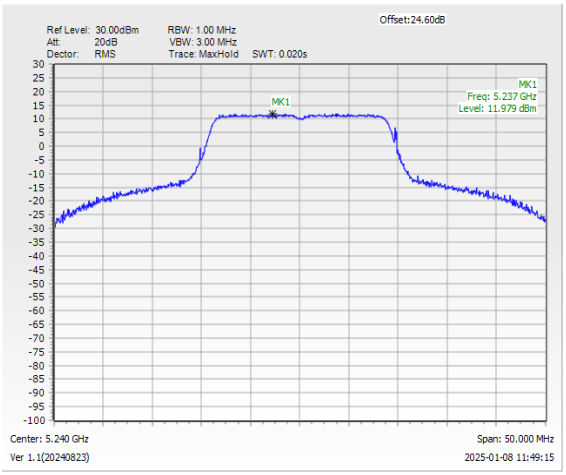


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

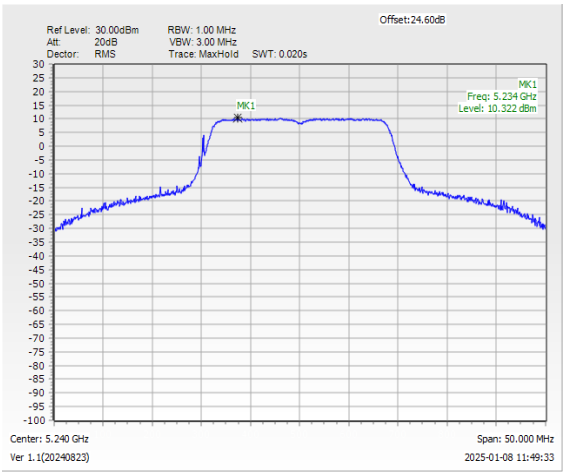
Maximum Power Density Plot Trace 1 (Ant 5)



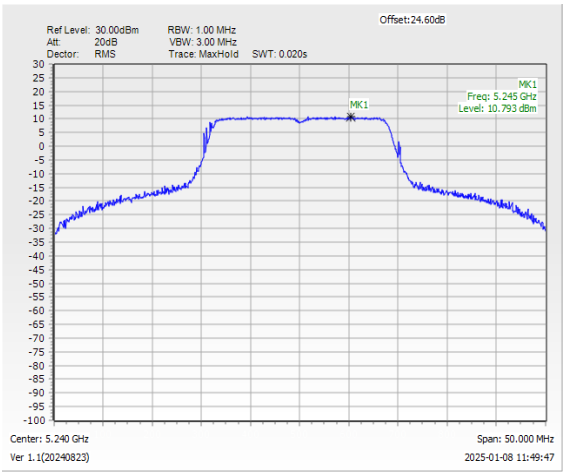
Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)

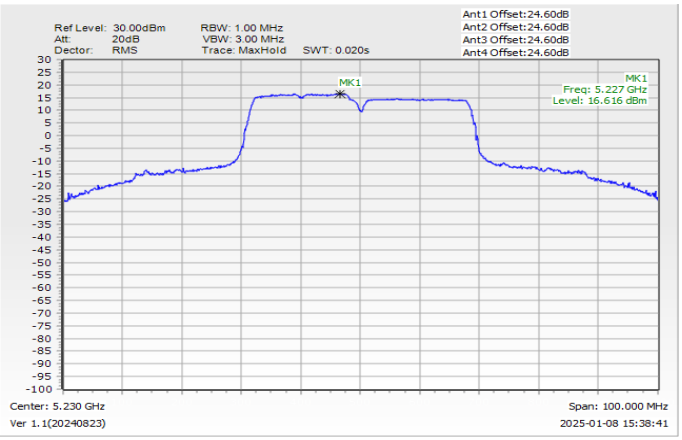


Maximum Power Density Plot Trace 4 (Ant 8)



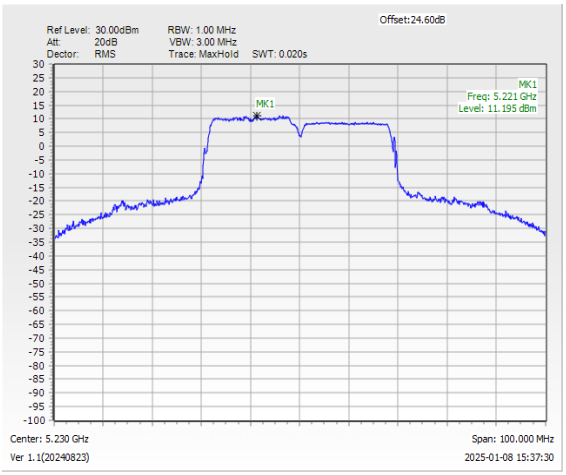
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)

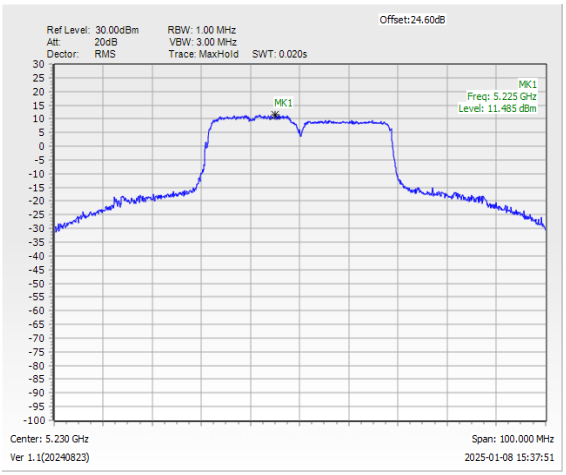


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

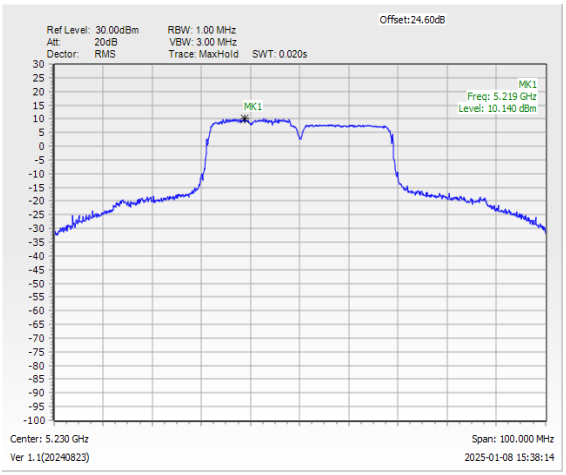
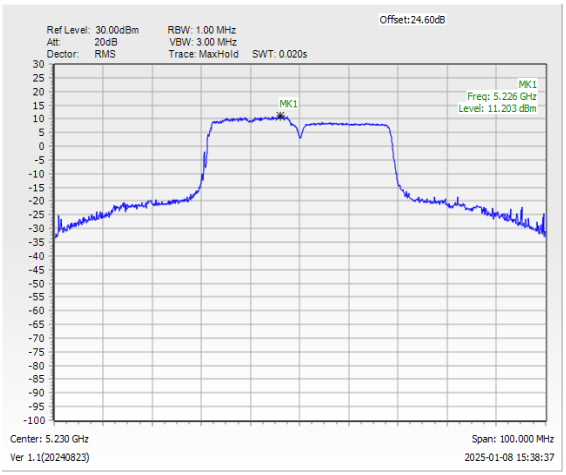
Maximum Power Density Plot Trace 1 (Ant 5)



Maximum Power Density Plot Trace 2 (Ant 6)



Maximum Power Density Plot Trace 3 (Ant 7)



Maximum Power Density Plot Trace 4 (Ant 8)