The following test report with report number FR5N0815-01E is an addendum to the RF spot check test report for FCC ID: A4RGM45K variant model GM45K.
It contains test data from FCC ID: A4RG7SWN reference model G7SWN that is referenced in the variant model GM45K RF spot check report.

FCC RADIO TEST REPORT

FCC ID	:	**A4RG7SWN**
Equipment	:	**Phone**
Model Name	:	**G7SWN**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, CA, 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Nov. 25, 2025 and testing was performed from Dec. 09, 2025 to Feb. 24, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FR5N0815-01E	01	Initial issue of report	Mar. 30, 2026
FR5N0815-01E	02	Revise Page 10, Page 23, Page 45, Pages 69-71, Pages 76-77, Page s89-90, Pages 95-96, Pages 287-288, Pages 385-386, Pages 401-404, Page 543-545, Page 559-560 This report is an updated version, replacing the report issued on Mar. 30, 2026.	May 06, 2026
FR5N0815-01E	03	Revise Pages 187-188 This report is an updated version, replacing the report issued on May 06, 2026.	May 07, 2026

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: William Chen

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR/NTN, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, NFC, WPC Rx, UWB and GNSS Rx. **Antenna Type** WLAN: **<Ant. 3>:** IFA Antenna **<Ant. 4>:** IFA Antenna

EUT Information List	
S/N	**Performed Test Item**
5B111FDDW00016	RF Conducted Measurement
5B111FDDW0000A	Radiated Spurious Emission
61061FDKX0003L	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 3: -4.1 Ant. 4: -4.7
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 3: -3.3 Ant. 4: -5.6
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 3: -2.2 Ant. 4: -3.6
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	Ant. 3: -3.8 Ant. 4: -4.4

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The correlated antenna gain is provided by the MIMO antenna report using KDB 662911 D01 from manufacturer.

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

As minimum N_{SS}=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

The directional gain "DG" is calculated as following table.

	Ant 3 (dBi)	Ant 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-4.10	-4.70	-4.10	-1.38	0.00	0.00
Band II	-3.30	-5.60	-3.30	-1.36	0.00	0.00
Band III	-2.20	-3.60	-2.20	0.14	0.00	0.00
Band IV	-3.80	-4.40	-3.80	-1.08	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT3} = -4.1 dBi; G_{ANT4} = -4.7 dBi

Directional gain of power measurement = max(-4.1, -4.7) + 0 = -4.1 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (-4.1 dBi / 20) + 10^ (-4.7 dBi / 20)] ^ 2 } / 2 }

= -1.38 dBi

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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, CO07-HY, 03CH11-HY

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

FCC designation No.: 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 C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

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 accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane with Adapter for Band 1-3 and Z plane with Adapter for Band 4 as worst plane.

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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

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

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

Note:

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

2.2 Test Mode

This device supports WiFi 802.11be 20MHz bandwidth for 2.4GHz and 160MHz bandwidth for both 5GHz and 6GHz.

This device supports both CDD and SDM modes.
For bands other than LPI and VLP, SDM mode is covered by CDD mode due to identical power level.
This device supports 26/52/106/242/484/996 single tone RU modes for 802.11ax/be modes and the 242/484/996-tone RU modes are covered by 20/40/80MHz channels.
This device supports MRU 52T+26T/106T+26T (small RU) and punctured modes 484+242-tone, 996+484+242-tone, and 996+484-tone (large RU) for 802.11be mode.
The PSD of partial RU/MRU modes are reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax/be modes are investigated among full RU, single RU and MRU modes for emission spot check and the 11ax mode is covered by 11be mode. The PSD and power of partial RU and MRU are less than full RU configurations so the full RU is chosen as main test configuration.

The power of 802.11ac mode are less than 802.11n mode, so all conducted and radiated tests are covered by 802.11n mode.

The power of 802.11ax mode are less than 802.11be mode, so all conducted and radiated tests are covered by 802.11be mode.

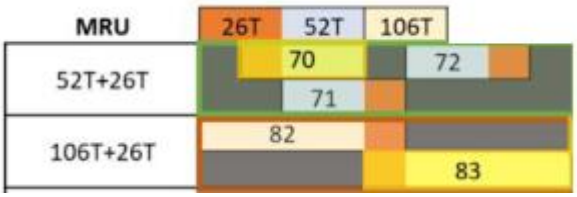
The final test modes include the worst data rates for each modulation shown in the table below.

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	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

Index of MRU and puncture mode mapping

Small MRU



Large MRU

484+242-tone MRU			
2	1	4	3
80MHz puncture 20			
8	4	2	1

(High Frequency) ---------- (Low Frequency)

996+484+242-tone MRU							
2	1	4	3	6	5	8	7
160MHz puncture 20							
128	64	32	16	8	4	2	1

(High Frequency) ---------- (Low Frequency)

996+484-tone MRU			
2	1	4	3
160MHz puncture 40			
192	48	12	3

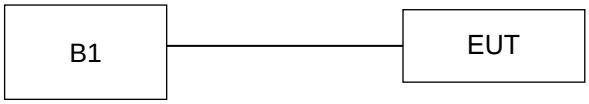
(High Frequency) ---------- (Low Frequency)

Note: The RF waveform is identical for large MRU and puncture modes.

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Channel 100 Tx + USB Cable 2 (Charging from AC Adapter)

Remark:
1. For Radiated Test Cases, the tests were performed with USB Cable 2.
2. The detailed Radiated test modes are shown in Appendix C.
3. During the preliminary test, both charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adaptor mode is the worst case for official test.
4. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



Conduction Test Setup									
No.	Power Source	Connection Type	Test Mode						
			1	-	-	-	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	-	-	-	-	-	-

Radiation Tx Test Setup									
No.	Power Source	Connection Type	Test Mode						
			1~97	-	-	-	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	-	-	-	-	-	-

2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Adapter	N/A	GW8L7	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “BTWIFI_Final_version_240823” 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.

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 6dB and 26dB and 99% Occupied Bandwidth

The 6 dB bandwidth shall be at least 500kHz for 5725-5850MHz.

There is no restriction limits for 26dB and 99% Occupied 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.

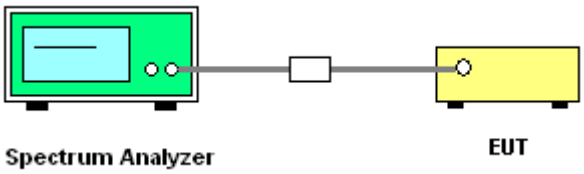
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 OBW and Section 12.5.2 Emission bandwidth.
2. Set RBW = shall be in the range of 1% to 5% 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 in the range of 1% to 5%.
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.
9. For 6dB Bandwidth Measurement
   (1) The testing follows the ANSI C63.10 Section 12.5.1 Emission bandwidth for the band 5.725 GHz to 5.85 GHz.
   (2) Set RBW = 100 kHz.
   (3) Set the VBW ≥ 3 x RBW.
   (4) Detector = Peak.
   (5) Trace mode = max-hold.
   (6) Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
   (7) Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 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.

For the band 5.725–5.85 GHz bands:

■ The maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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

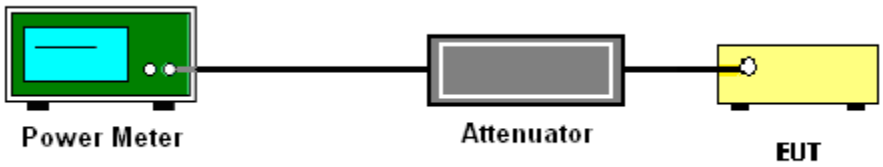
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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 the 5.725–5.85 GHz bands:

The maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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

For the band 5.15-5.725 GHz

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 2 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 to obtain the value for the first frequency bin of the summed spectrum.

For the band 5.725–5.85 GHz

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

Section F) Maximum power spectral density.

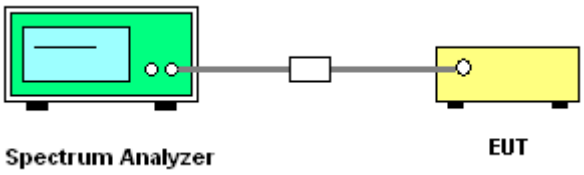
 # Method SA-2 #

(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 = 300kHz.
- Set VBW ≥ 1 MHz.
- Add 10 log (500 kHz/RBW) to the measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
- 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 (c): Measure and add 10 log(N_{ANT}) dB.
   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

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.
For transmitters operating in the 5.725-5.85 GHz band:
15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(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	68.2

(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

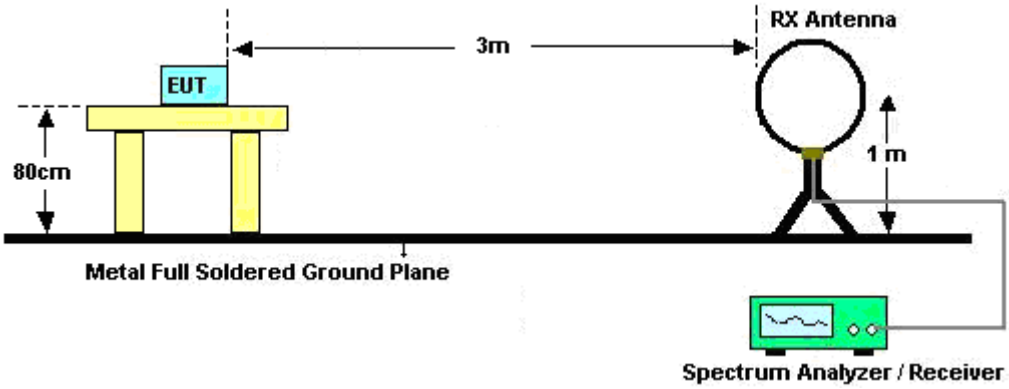
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

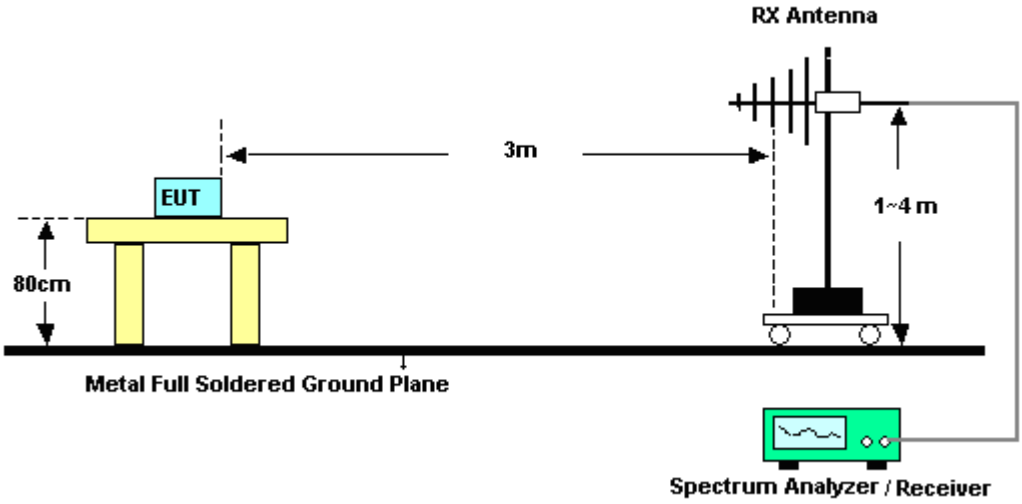
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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

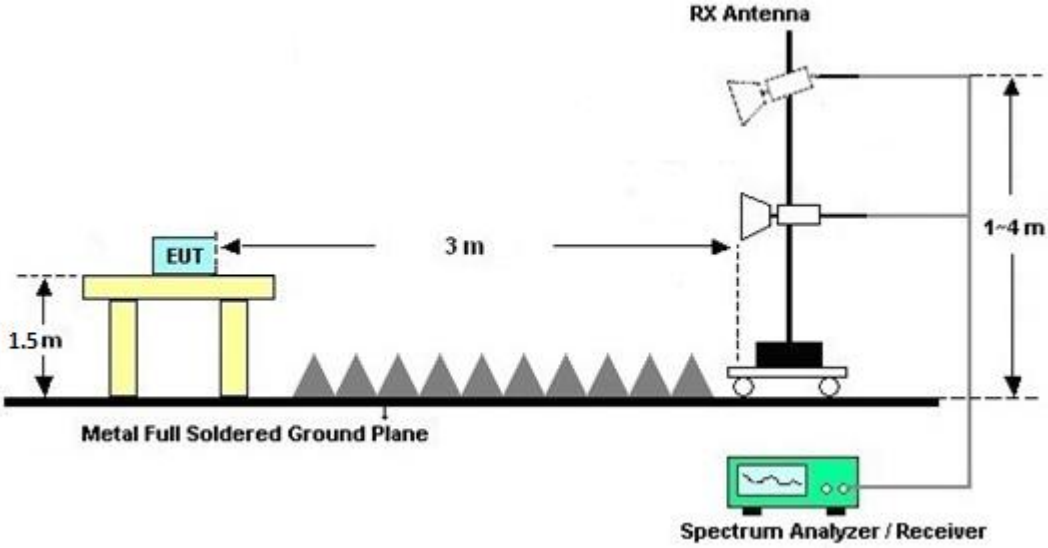
For radiated emissions below 30MHz



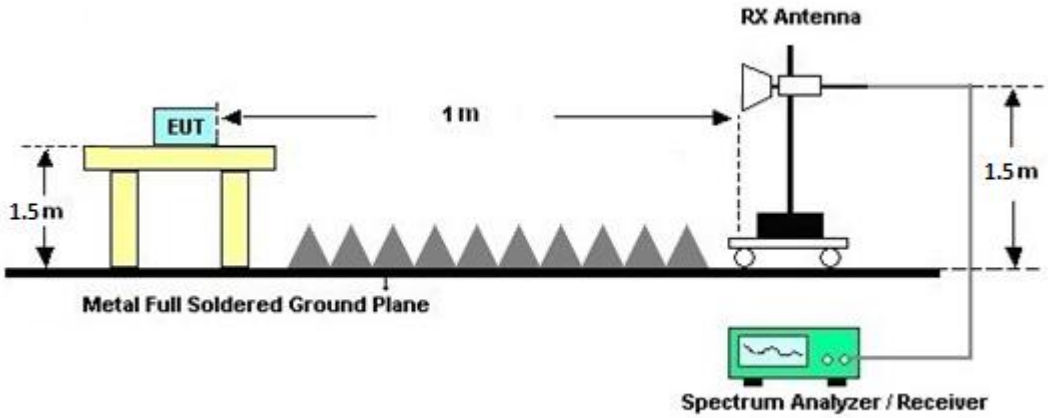
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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.

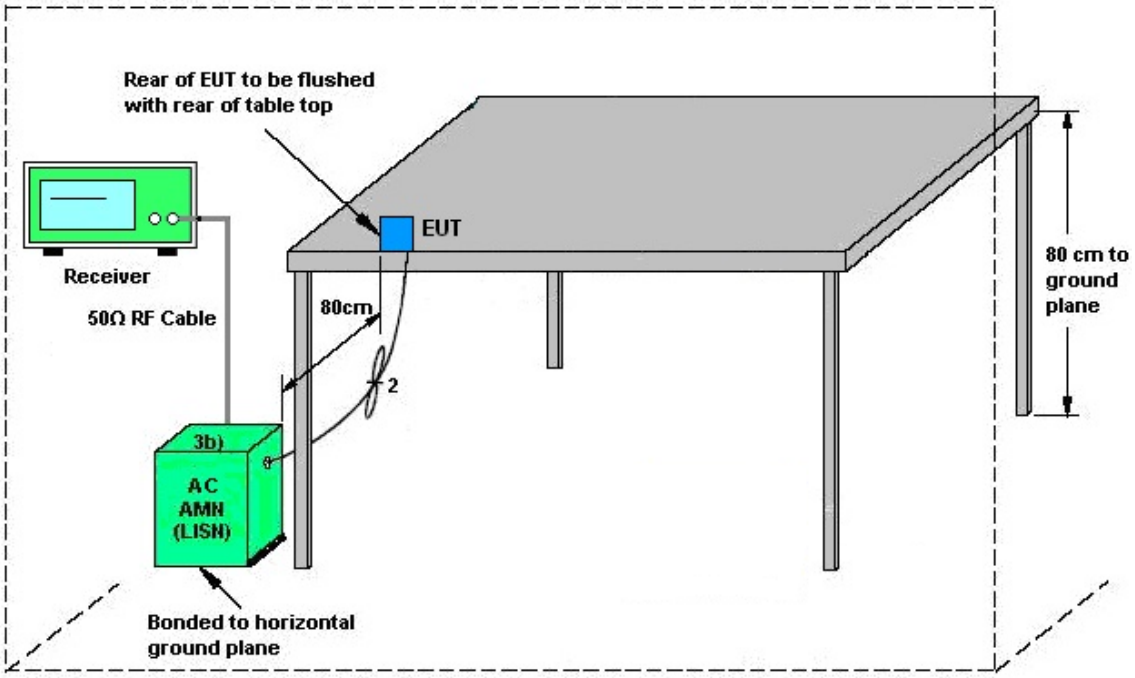
3.5.2 Measuring Instruments

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

b) Unique (non-standard) antenna connector.

Use of a standard connector is also allowed if the connector is within the transmitter enclosure and can only be accessed by disassembly of the transmitter, where such disassembly is not normally required. The user manual must not show that user has access to the connector.

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	100315	9kHz~30MHz	Mar. 06, 2025	Dec. 09, 2025~ Feb. 11, 2026	Mar. 05, 2026	Radiation (03CH11-HY)
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Feb. 19, 2025	Dec. 09, 2025~ Feb. 11, 2026	Feb. 18, 2026	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Dec. 09, 2025~ Feb. 11, 2026	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	Dec. 09, 2025~ Feb. 11, 2026	Jul. 01, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 06, 2025	Dec. 09, 2025~ Feb. 11, 2026	Dec. 05, 2026	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 24, 2025	Dec. 09, 2025~ Feb. 11, 2026	Mar. 23, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 21, 2025	Dec. 09, 2025~ Jan. 19, 2026	Jan. 20, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 20, 2026	Jan. 20, 2026~ Feb. 11, 2026	Jan. 19, 2027	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2025	Dec. 09, 2025~ Feb. 11, 2026	May 25, 2026	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2025	Dec. 09, 2025~ Feb. 11, 2026	Oct. 22, 2026	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 22, 2025	Dec. 09, 2025~ Feb. 11, 2026	Jul. 21, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 26, 2025	Dec. 09, 2025~ Feb. 11, 2026	Aug. 25, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30MHz~40GHz	Mar. 05, 2025	Dec. 09, 2025~ Feb. 11, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Dec. 09, 2025~ Feb. 11, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30MHz~40GHz	Mar. 05, 2025	Dec. 09, 2025~ Feb. 11, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139/2	30MHz~40GHz	May 10, 2025	Dec. 09, 2025~ Feb. 11, 2026	May 09, 2026	Radiation (03CH11-HY)
Notch Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 09, 2025	Dec. 09, 2025~ Feb. 11, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Notch Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 09, 2025	Dec. 09, 2025~ Feb. 11, 2026	Sep. 08, 2026	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 09, 2025~ Feb. 11, 2026	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Dec. 09, 2025~ Feb. 11, 2026	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Dec. 09, 2025~ Feb. 11, 2026	N/A	Radiation (03CH11-HY)
Software	Audix	E3	RK-002391	N/A	N/A	Dec. 09, 2025~ Feb. 11, 2026	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Dec. 12, 2025~ Feb. 24, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Dec. 12, 2025~ Feb. 24, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Dec. 12, 2025~ Feb. 24, 2026	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Dec. 12, 2025~ Feb. 24, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Dec. 12, 2025~ Feb. 24, 2026	N/A	Conducted (TH05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Feb. 09, 2026~ Feb. 10, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Feb. 09, 2026~ Feb. 10, 2026	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Feb. 09, 2026~ Feb. 10, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Feb. 09, 2026~ Feb. 10, 2026	Oct. 20, 2026	Conduction (CO07-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Feb. 09, 2026~ Feb. 10, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 09, 2026~ Feb. 10, 2026	N/A	Conduction (CO07-HY)

5 Measurement Uncertainty

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

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))	6.5 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.7 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Howard Tsai	Temperature:	21~25	°C
Test Date:	2025/12/12~2026/02/24	Relative Humidity:	51~54	%

MIMO <Ant. 3+4>

<For Band 1-3>

TEST RESULTS DATA

26dB and 99% OBW

U-NII-1												
Mod.	Data Rate	NTX	CH.	Freq (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)	
					Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
11a	6M	2	36	5180	18.54	18.14	29.37	30.45	-		22.59	
11a	6M	2	44	5220	18.59	18.10	31.82	30.38	-		22.58	
11a	6M	2	48	5240	19.51	18.46	31.55	28.70	-		22.66	
HT20	MCS0	2	36	5180	19.42	18.98	34.90	32.53	-		22.78	
HT20	MCS0	2	44	5220	19.63	18.92	35.17	33.36	-		22.77	
HT20	MCS0	2	48	5240	19.61	18.81	34.49	29.18	-		22.74	
HT40	MCS0	2	38	5190	37.06	36.82	59.18	49.28	-		23.01	
HT40	MCS0	2	46	5230	38.71	37.77	74.75	74.74	-		23.01	
VHT80	MCS0	2	42	5210	75.94	75.80	83.33	83.14	-		23.01	
VHT160	MCS0	2	50	5250	156.23	155.86	170.16	170.21	-		23.01	

TEST RESULTS DATA

Average Power Table

FCC U-NII-1												
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
					Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	36	5180	18.86	18.98	21.93	24.00		-4.10		Pass
11a	6M	2	44	5220	18.83	18.95	21.90	24.00		-4.10		Pass
11a	6M	2	48	5240	18.77	18.64	21.72	24.00		-4.10		Pass
HT20	MCS0	2	36	5180	19.08	18.99	22.05	24.00		-4.10		Pass
HT20	MCS0	2	44	5220	18.83	19.04	21.95	24.00		-4.10		Pass
HT20	MCS0	2	48	5240	18.85	18.70	21.79	24.00		-4.10		Pass
HT40	MCS0	2	38	5190	17.41	17.42	20.43	24.00		-4.10		Pass
HT40	MCS0	2	46	5230	19.93	19.56	22.76	24.00		-4.10		Pass
VHT20	MCS0	2	36	5180	18.82	18.87	21.86	24.00		-4.10		Pass
VHT20	MCS0	2	44	5220	18.62	18.55	21.60	24.00		-4.10		Pass
VHT20	MCS0	2	48	5240	18.71	18.57	21.65	24.00		-4.10		Pass
VHT40	MCS0	2	38	5190	17.22	17.06	20.15	24.00		-4.10		Pass
VHT40	MCS0	2	46	5230	19.59	19.53	22.57	24.00		-4.10		Pass
VHT80	MCS0	2	42	5210	14.00	13.81	16.92	24.00		-4.10		Pass
VHT160	MCS0	2	50	5250	13.11	12.67	15.91	24.00		-4.10		Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-1														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	36	5180	0.02	0.02	-		10.88	11.00		-1.38		Pass
11a	6M	2	44	5220	0.02	0.02	-		10.87	11.00		-1.38		Pass
11a	6M	2	48	5240	0.02	0.02	-		10.72	11.00		-1.38		Pass
HT20	MCS0	2	36	5180	0.03	0.03	-		10.84	11.00		-1.38		Pass
HT20	MCS0	2	44	5220	0.03	0.03	-		10.81	11.00		-1.38		Pass
HT20	MCS0	2	48	5240	0.03	0.03	-		10.63	11.00		-1.38		Pass
HT40	MCS0	2	38	5190	0.05	0.05	-		6.22	11.00		-1.38		Pass
HT40	MCS0	2	46	5230	0.05	0.05	-		8.71	11.00		-1.38		Pass
VHT80	MCS0	2	42	5210	0.10	0.10	-		-0.02	11.00		-1.38		Pass
VHT160	MCS0	2	50	5250	0.19	0.19	-		-4.11	11.00		-1.38		Pass

TEST RESULTS DATA

26dB and 99% OBW

U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
11a	6M	2	52	5260	19.16	18.01	34.53	30.03	23.56		29.56		23.98	
11a	6M	2	60	5300	19.72	18.11	34.71	30.85	23.58		29.58		23.98	
11a	6M	2	64	5320	18.87	17.99	34.37	28.90	23.55		29.55		23.98	
HT20	MCS0	2	52	5260	19.98	18.72	39.41	31.17	23.72		29.72		23.98	
HT20	MCS0	2	60	5300	21.28	19.06	39.57	32.58	23.80		29.80		23.98	
HT20	MCS0	2	64	5320	19.63	18.63	35.34	32.46	23.70		29.70		23.98	
HT40	MCS0	2	54	5270	38.71	37.79	83.81	78.38	23.98		30.00		23.98	
HT40	MCS0	2	62	5310	36.99	36.70	52.30	44.99	23.98		30.00		23.98	
VHT80	MCS0	2	58	5290	76.03	75.83	83.68	83.49	23.98		30.00		23.98	

TEST RESULTS DATA

Average Power Table

FCC U-NII-2A													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
					Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
11a	6M	2	52	5260	18.92	18.88	21.91	23.98		-3.30		30.00	Pass
11a	6M	2	60	5300	19.00	18.75	21.89	23.98		-3.30		30.00	Pass
11a	6M	2	64	5320	18.71	18.77	21.75	23.98		-3.30		30.00	Pass
HT20	MCS0	2	52	5260	19.10	18.95	22.04	23.98		-3.30		30.00	Pass
HT20	MCS0	2	60	5300	19.28	19.15	22.23	23.98		-3.30		30.00	Pass
HT20	MCS0	2	64	5320	18.71	18.45	21.59	23.98		-3.30		30.00	Pass
HT40	MCS0	2	54	5270	19.65	19.43	22.55	23.98		-3.30		30.00	Pass
HT40	MCS0	2	62	5310	16.91	16.52	19.73	23.98		-3.30		30.00	Pass
VHT20	MCS0	2	52	5260	19.00	18.81	21.92	23.98		-3.30		30.00	Pass
VHT20	MCS0	2	60	5300	18.98	18.71	21.86	23.98		-3.30		30.00	Pass
VHT20	MCS0	2	64	5320	18.69	18.27	21.50	23.98		-3.30		30.00	Pass
VHT40	MCS0	2	54	5270	19.47	19.24	22.37	23.98		-3.30		30.00	Pass
VHT40	MCS0	2	62	5310	16.30	16.02	19.17	23.98		-3.30		30.00	Pass
VHT80	MCS0	2	58	5290	15.36	14.95	18.17	23.98		-3.30		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	52	5260	0.02	0.02	-		11.00	11.00		-1.36		Pass
11a	6M	2	60	5300	0.02	0.02	-		10.89	11.00		-1.36		Pass
11a	6M	2	64	5320	0.02	0.02	-		10.78	11.00		-1.36		Pass
HT20	MCS0	2	52	5260	0.03	0.03	-		10.93	11.00		-1.36		Pass
HT20	MCS0	2	60	5300	0.03	0.03	-		10.97	11.00		-1.36		Pass
HT20	MCS0	2	64	5320	0.03	0.03	-		10.57	11.00		-1.36		Pass
HT40	MCS0	2	54	5270	0.05	0.05	-		8.52	11.00		-1.36		Pass
HT40	MCS0	2	62	5310	0.05	0.05	-		5.46	11.00		-1.36		Pass
VHT80	MCS0	2	58	5290	0.10	0.10	-		1.13	11.00		-1.36		Pass

TEST RESULTS DATA

26dB and 99% OBW

U-NII-2C																
Mod.	Data Rate	NTX	CH.	Freq (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
11a	6M	2	100	5500	18.04	17.69	27.77	27.98	23.48		29.48		23.98		----	
11a	6M	2	116	5580	18.21	18.30	29.04	30.53	23.60		29.60		23.98		----	
11a	6M	2	140	5700	18.03	18.77	28.50	32.90	23.56		29.56		23.98		----	
HT20	MCS0	2	100	5500	19.05	18.61	30.68	29.29	23.70		29.70		23.98		----	
HT20	MCS0	2	116	5580	19.26	19.24	33.10	33.31	23.84		29.84		23.98		----	
HT20	MCS0	2	140	5700	18.99	19.33	31.26	37.90	23.79		29.79		23.98		----	
HT40	MCS0	2	102	5510	36.93	36.77	53.98	47.78	23.98		30.00		23.98		----	
HT40	MCS0	2	110	5550	38.31	39.13	73.25	80.37	23.98		30.00		23.98		----	
HT40	MCS0	2	134	5670	37.07	37.19	59.78	65.02	23.98		30.00		23.98		----	
VHT80	MCS0	2	106	5530	75.90	75.75	83.17	83.17	23.98		30.00		23.98		----	
VHT80	MCS0	2	122	5610	76.17	76.24	101.18	134.08	23.98		30.00		23.98		----	
VHT160	MCS0	2	114	5570	156.01	155.76	170.69	170.69	23.98		30.00		23.98		----	

U-NII-2C straddle channel																
Mod.	Data Rate	NTX	CH.	Freq (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
11a	6M	2	144	5720	13.98	14.25	18.80	20.86	23.55		29.55		23.98		3.11	3.11
HT20	MCS0	2	144	5720	14.45	14.78	21.34	23.57	23.78		29.78		23.98		3.49	3.75
HT40	MCS0	2	142	5710	33.81	36.48	49.58	57.08	23.98		30.00		23.98		3.18	3.19
VHT80	MCS0	2	138	5690	73.09	73.35	96.54	113.40	23.98		30.00		23.98		2.95	3.18
6dB Bandwidth Limit ≧ 500kHz																Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-2C													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
					Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
11a	6M	2	100	5500	18.68	18.95	21.83	23.98		-2.20		30.00	Pass
11a	6M	2	116	5580	18.98	18.91	21.96	23.98		-2.20		30.00	Pass
11a	6M	2	140	5700	18.75	18.99	21.88	23.98		-2.20		30.00	Pass
HT20	MCS0	2	100	5500	18.96	19.12	22.05	23.98		-2.20		30.00	Pass
HT20	MCS0	2	116	5580	19.35	19.18	22.28	23.98		-2.20		30.00	Pass
HT20	MCS0	2	140	5700	18.87	19.01	21.95	23.98		-2.20		30.00	Pass
HT40	MCS0	2	102	5510	16.87	17.32	20.11	23.98		-2.20		30.00	Pass
HT40	MCS0	2	110	5550	19.89	19.98	22.95	23.98		-2.20		30.00	Pass
HT40	MCS0	2	134	5670	18.16	18.34	21.26	23.98		-2.20		30.00	Pass
VHT20	MCS0	2	100	5500	18.43	18.74	21.60	23.98		-2.20		30.00	Pass
VHT20	MCS0	2	116	5580	19.11	19.16	22.15	23.98		-2.20		30.00	Pass
VHT20	MCS0	2	140	5700	18.70	18.84	21.78	23.98		-2.20		30.00	Pass
VHT40	MCS0	2	102	5510	16.74	16.87	19.82	23.98		-2.20		30.00	Pass
VHT40	MCS0	2	110	5550	19.86	19.49	22.69	23.98		-2.20		30.00	Pass
VHT40	MCS0	2	134	5670	17.94	18.34	21.15	23.98		-2.20		30.00	Pass
VHT80	MCS0	2	106	5530	14.02	13.93	16.99	23.98		-2.20		30.00	Pass
VHT80	MCS0	2	122	5610	18.23	17.96	21.11	23.98		-2.20		30.00	Pass
VHT160	MCS0	2	114	5570	12.05	12.21	15.14	23.98		-2.20		30.00	Pass

FCC U-NII-2C straddle channel													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
					Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
11a	6M	2	144	5720	18.75	18.96	21.87	23.98		-2.20		30.00	Pass
HT20	MCS0	2	144	5720	18.87	19.25	22.07	23.98		-2.20		30.00	Pass
HT40	MCS0	2	142	5710	19.92	19.96	22.95	23.98		-2.20		30.00	Pass
VHT20	MCS0	2	144	5720	18.87	18.83	21.86	23.98		-2.20		30.00	Pass
VHT40	MCS0	2	142	5710	19.32	19.61	22.48	23.98		-2.20		30.00	Pass
VHT80	MCS0	2	138	5690	19.24	19.15	22.21	23.98		-2.20		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2C														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	100	5500	0.02	0.02	-		10.80	11.00		0.14		Pass
11a	6M	2	116	5580	0.02	0.02	-		10.87	11.00		0.14		Pass
11a	6M	2	140	5700	0.02	0.02	-		10.88	11.00		0.14		Pass
HT20	MCS0	2	100	5500	0.03	0.03	-		10.85	11.00		0.14		Pass
HT20	MCS0	2	116	5580	0.03	0.03	-		11.00	11.00		0.14		Pass
HT20	MCS0	2	140	5700	0.03	0.03	-		10.79	11.00		0.14		Pass
HT40	MCS0	2	102	5510	0.05	0.05	-		6.02	11.00		0.14		Pass
HT40	MCS0	2	110	5550	0.05	0.05	-		8.91	11.00		0.14		Pass
HT40	MCS0	2	134	5670	0.05	0.05	-		7.07	11.00		0.14		Pass
VHT80	MCS0	2	106	5530	0.10	0.10	-		0.02	11.00		0.14		Pass
VHT80	MCS0	2	122	5610	0.10	0.10	-		4.03	11.00		0.14		Pass
VHT160	MCS0	2	114	5570	0.19	0.19	-		-4.99	11.00		0.14		Pass

FCC U-NII-2C straddle channel														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	144	5720	0.02	0.02	-		10.85	11.00		0.14		Pass
HT20	MCS0	2	144	5720	0.03	0.03	-		10.94	11.00		0.14		Pass
HT40	MCS0	2	142	5710	0.05	0.05	-		9.00	11.00		0.14		Pass
VHT80	MCS0	2	138	5690	0.10	0.10	-		5.24	11.00		0.14		Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-1													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	36	5180	Full	19.10	19.08	22.10	24.00		-4.10		Pass
HE20	MCS0	2	36	5180	26RU/0	10.59	10.90	13.76	24.00		-4.10		Pass
HE20	MCS0	2	36	5180	52RU/37	13.64	13.63	16.65	24.00		-4.10		Pass
HE20	MCS0	2	36	5180	106RU/53	16.59	16.80	19.71	24.00		-4.10		Pass
HE20	MCS0	2	44	5220	Full	19.25	19.00	22.14	24.00		-4.10		Pass
HE20	MCS0	2	44	5220	26RU/4	11.55	12.01	14.80	24.00		-4.10		Pass
HE20	MCS0	2	44	5220	52RU/38	13.46	13.73	16.61	24.00		-4.10		Pass
HE20	MCS0	2	44	5220	106RU/53	16.67	16.94	19.82	24.00		-4.10		Pass
HE20	MCS0	2	48	5240	Full	19.05	19.03	22.05	24.00		-4.10		Pass
HE20	MCS0	2	48	5240	26RU/8	10.12	10.57	13.36	24.00		-4.10		Pass
HE20	MCS0	2	48	5240	52RU/40	13.65	13.57	16.62	24.00		-4.10		Pass
HE20	MCS0	2	48	5240	106RU/54	16.39	16.32	19.37	24.00		-4.10		Pass
HE40	MCS0	2	38	5190	Full	17.38	17.12	20.26	24.00		-4.10		Pass
HE40	MCS0	2	46	5230	Full	19.80	19.31	22.57	24.00		-4.10		Pass
HE80	MCS0	2	42	5210	Full	14.41	14.67	17.55	24.00		-4.10		Pass
HE160	MCS0	2	50	5250	Full	13.35	12.97	16.17	24.00		-4.10		Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-1															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	36	5180	Full	0.04	0.04	-		10.77	11.00		-1.38		Pass
HE20	MCS0	2	36	5180	26RU/0	0.10	0.10	-		10.75	11.00		-1.38		Pass
HE20	MCS0	2	36	5180	52RU/37	0.11	0.11	-		10.66	11.00		-1.38		Pass
HE20	MCS0	2	36	5180	106RU/53	0.12	0.12	-		10.66	11.00		-1.38		Pass
HE20	MCS0	2	44	5220	Full	0.04	0.04	-		10.78	11.00		-1.38		Pass
HE20	MCS0	2	44	5220	26RU/4	0.10	0.10	-		10.64	11.00		-1.38		Pass
HE20	MCS0	2	44	5220	52RU/38	0.11	0.11	-		10.68	11.00		-1.38		Pass
HE20	MCS0	2	44	5220	106RU/53	0.12	0.12	-		10.71	11.00		-1.38		Pass
HE20	MCS0	2	48	5240	Full	0.04	0.04	-		10.80	11.00		-1.38		Pass
HE20	MCS0	2	48	5240	26RU/8	0.10	0.10	-		10.58	11.00		-1.38		Pass
HE20	MCS0	2	48	5240	52RU/40	0.11	0.11	-		10.77	11.00		-1.38		Pass
HE20	MCS0	2	48	5240	106RU/54	0.12	0.12	-		10.55	11.00		-1.38		Pass
HE40	MCS0	2	38	5190	Full	0.07	0.07	-		6.19	11.00		-1.38		Pass
HE40	MCS0	2	46	5230	Full	0.07	0.07	-		8.53	11.00		-1.38		Pass
HE80	MCS0	2	42	5210	Full	0.12	0.12	-		0.67	11.00		-1.38		Pass
HE160	MCS0	2	50	5250	Full	0.21	0.21	-		-3.77	11.00		-1.38		Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
HE20	MCS0	2	52	5260	Full	19.28	18.98	22.14	23.98		-3.30		30.00	Pass
HE20	MCS0	2	52	5260	26RU/0	10.68	10.41	13.56	23.98		-3.30		30.00	Pass
HE20	MCS0	2	52	5260	52RU/37	13.68	13.35	16.53	23.98		-3.30		30.00	Pass
HE20	MCS0	2	52	5260	106RU/53	16.75	16.61	19.69	23.98		-3.30		30.00	Pass
HE20	MCS0	2	60	5300	Full	19.16	18.82	22.00	23.98		-3.30		30.00	Pass
HE20	MCS0	2	60	5300	26RU/4	11.69	11.46	14.59	23.98		-3.30		30.00	Pass
HE20	MCS0	2	60	5300	52RU/38	13.56	12.73	16.18	23.98		-3.30		30.00	Pass
HE20	MCS0	2	60	5300	106RU/53	17.49	17.31	20.41	23.98		-3.30		30.00	Pass
HE20	MCS0	2	64	5320	Full	18.11	17.84	20.99	23.98		-3.30		30.00	Pass
HE20	MCS0	2	64	5320	26RU/8	7.39	6.50	9.98	23.98		-3.30		30.00	Pass
HE20	MCS0	2	64	5320	52RU/40	12.54	11.79	15.19	23.98		-3.30		30.00	Pass
HE20	MCS0	2	64	5320	106RU/54	15.54	14.98	18.28	23.98		-3.30		30.00	Pass
HE40	MCS0	2	54	5270	Full	19.60	19.31	22.47	23.98		-3.30		30.00	Pass
HE40	MCS0	2	62	5310	Full	16.40	15.79	19.12	23.98		-3.30		30.00	Pass
HE80	MCS0	2	58	5290	Full	15.53	15.03	18.30	23.98		-3.30		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2A															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	52	5260	Full	0.04	0.04	-		10.84	11.00		-1.36		Pass
HE20	MCS0	2	52	5260	26RU/0	0.10	0.10	-		10.69	11.00		-1.36		Pass
HE20	MCS0	2	52	5260	52RU/37	0.11	0.11	-		10.63	11.00		-1.36		Pass
HE20	MCS0	2	52	5260	106RU/53	0.12	0.12	-		10.70	11.00		-1.36		Pass
HE20	MCS0	2	60	5300	Full	0.04	0.04	-		10.57	11.00		-1.36		Pass
HE20	MCS0	2	60	5300	26RU/4	0.10	0.10	-		10.49	11.00		-1.36		Pass
HE20	MCS0	2	60	5300	52RU/38	0.11	0.11	-		10.07	11.00		-1.36		Pass
HE20	MCS0	2	60	5300	106RU/53	0.12	0.12	-		10.52	11.00		-1.36		Pass
HE20	MCS0	2	64	5320	Full	0.04	0.04	-		9.78	11.00		-1.36		Pass
HE20	MCS0	2	64	5320	26RU/8	0.10	0.10	-		6.97	11.00		-1.36		Pass
HE20	MCS0	2	64	5320	52RU/40	0.11	0.11	-		9.42	11.00		-1.36		Pass
HE20	MCS0	2	64	5320	106RU/54	0.12	0.12	-		9.30	11.00		-1.36		Pass
HE40	MCS0	2	54	5270	Full	0.07	0.07	-		8.27	11.00		-1.36		Pass
HE40	MCS0	2	62	5310	Full	0.07	0.07	-		4.81	11.00		-1.36		Pass
HE80	MCS0	2	58	5290	Full	0.12	0.12	-		1.41	11.00		-1.36		Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-2C														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
HE20	MCS0	2	100	5500	Full	18.93	19.00	21.98	23.98		-2.20		30.00	Pass
HE20	MCS0	2	100	5500	26RU/0	10.37	10.09	13.24	23.98		-2.20		30.00	Pass
HE20	MCS0	2	100	5500	52RU/37	12.91	12.98	15.96	23.98		-2.20		30.00	Pass
HE20	MCS0	2	100	5500	106RU/53	16.33	16.20	19.28	23.98		-2.20		30.00	Pass
HE20	MCS0	2	116	5580	Full	19.17	19.17	22.18	23.98		-2.20		30.00	Pass
HE20	MCS0	2	116	5580	26RU/4	11.83	11.59	14.72	23.98		-2.20		30.00	Pass
HE20	MCS0	2	116	5580	52RU/38	13.73	13.50	16.63	23.98		-2.20		30.00	Pass
HE20	MCS0	2	116	5580	106RU/53	16.83	16.69	19.77	23.98		-2.20		30.00	Pass
HE20	MCS0	2	140	5700	Full	16.77	16.79	19.79	23.98		-2.20		30.00	Pass
HE20	MCS0	2	140	5700	26RU/8	7.64	6.34	10.05	23.98		-2.20		30.00	Pass
HE20	MCS0	2	140	5700	52RU/40	11.11	11.25	14.19	23.98		-2.20		30.00	Pass
HE20	MCS0	2	140	5700	106RU/54	14.47	14.48	17.49	23.98		-2.20		30.00	Pass
HE40	MCS0	2	102	5510	Full	14.77	15.12	17.96	23.98		-2.20		30.00	Pass
HE40	MCS0	2	110	5550	Full	19.69	19.43	22.57	23.98		-2.20		30.00	Pass
HE40	MCS0	2	134	5670	Full	18.56	18.41	21.50	23.98		-2.20		30.00	Pass
HE80	MCS0	2	106	5530	Full	14.11	14.29	17.21	23.98		-2.20		30.00	Pass
HE80	MCS0	2	122	5610	Full	18.85	18.68	21.78	23.98		-2.20		30.00	Pass
HE160	MCS0	2	114	5570	Full	12.19	12.28	15.25	23.98		-2.20		30.00	Pass

FCC U-NII-2C straddle channel														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
HE20	MCS0	2	144	5720	Full	18.86	19.29	22.09	23.98		-2.20		30.00	Pass
HE20	MCS0	2	144	5720	26RU/8	10.05	10.01	13.04	23.98		-2.20		30.00	Pass
HE20	MCS0	2	144	5720	52RU/40	13.59	13.55	16.58	23.98		-2.20		30.00	Pass
HE20	MCS0	2	144	5720	106RU/54	16.33	16.74	19.55	23.98		-2.20		30.00	Pass
HE40	MCS0	2	142	5710	Full	19.72	19.83	22.79	23.98		-2.20		30.00	Pass
HE80	MCS0	2	138	5690	Full	19.32	19.17	22.26	23.98		-2.20		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2C															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	100	5500	Full	0.04	0.04	-		10.68	11.00		0.14		Pass
HE20	MCS0	2	100	5500	26RU/0	0.10	0.10	-		10.41	11.00		0.14		Pass
HE20	MCS0	2	100	5500	52RU/37	0.11	0.11	-		10.10	11.00		0.14		Pass
HE20	MCS0	2	100	5500	106RU/53	0.12	0.12	-		10.24	11.00		0.14		Pass
HE20	MCS0	2	116	5580	Full	0.04	0.04	-		10.91	11.00		0.14		Pass
HE20	MCS0	2	116	5580	26RU/4	0.10	0.10	-		10.62	11.00		0.14		Pass
HE20	MCS0	2	116	5580	52RU/38	0.11	0.11	-		10.61	11.00		0.14		Pass
HE20	MCS0	2	116	5580	106RU/53	0.12	0.12	-		10.63	11.00		0.14		Pass
HE20	MCS0	2	140	5700	Full	0.04	0.04	-		8.52	11.00		0.14		Pass
HE20	MCS0	2	140	5700	26RU/8	0.10	0.10	-		7.01	11.00		0.14		Pass
HE20	MCS0	2	140	5700	52RU/40	0.11	0.11	-		8.27	11.00		0.14		Pass
HE20	MCS0	2	140	5700	106RU/54	0.12	0.12	-		8.51	11.00		0.14		Pass
HE40	MCS0	2	102	5510	Full	0.07	0.07	-		3.99	11.00		0.14		Pass
HE40	MCS0	2	110	5550	Full	0.07	0.07	-		8.35	11.00		0.14		Pass
HE40	MCS0	2	134	5670	Full	0.07	0.07	-		7.47	11.00		0.14		Pass
HE80	MCS0	2	106	5530	Full	0.12	0.12	-		0.20	11.00		0.14		Pass
HE80	MCS0	2	122	5610	Full	0.12	0.12	-		4.55	11.00		0.14		Pass
HE160	MCS0	2	114	5570	Full	0.21	0.21	-		-4.64	11.00		0.14		Pass

FCC U-NII-2C straddle channel															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	144	5720	Full	0.04	0.04	-		10.86	11.00		0.14		Pass
HE20	MCS0	2	144	5720	26RU/8	0.10	0.10	-		10.09	11.00		0.14		Pass
HE20	MCS0	2	144	5720	52RU/40	0.11	0.11	-		10.63	11.00		0.14		Pass
HE20	MCS0	2	144	5720	106RU/54	0.12	0.12	-		10.59	11.00		0.14		Pass
HE40	MCS0	2	142	5710	Full	0.07	0.07	-		8.82	11.00		0.14		Pass
HE80	MCS0	2	138	5690	Full	0.12	0.12	-		5.24	11.00		0.14		Pass

TEST RESULTS DATA

26dB and 99% OBW

U-NII-1													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)	
						Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
EHT20	MCS0	2	36	5180	Full	19.67	19.64	36.54	33.90	-		22.93	
EHT20	MCS0	2	44	5220	Full	19.72	19.78	35.52	34.22	-		22.95	
EHT20	MCS0	2	48	5240	Full	19.85	19.59	38.38	30.74	-		22.92	
EHT40	MCS0	2	38	5190	Full	38.06	38.04	44.93	41.58	-		23.01	
EHT40	MCS0	2	46	5230	Full	38.73	38.57	70.61	65.65	-		23.01	
EHT80	MCS0	2	42	5210	Full	77.44	77.47	84.03	83.46	-		23.01	
EHT160	MCS0	2	50	5250	Full	158.67	158.49	275.42	277.39	-		23.01	

TEST RESULTS DATA

Average Power Table

FCC U-NII-1													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	36	5180	Full	19.45	19.42	22.45	24.00		-4.10		Pass
EHT20	MCS0	2	36	5180	26RU/0	10.78	10.90	13.85	24.00		-4.10		Pass
EHT20	MCS0	2	36	5180	52RU/37	13.95	14.01	16.99	24.00		-4.10		Pass
EHT20	MCS0	2	36	5180	106RU/53	16.75	17.01	19.89	24.00		-4.10		Pass
EHT20	MCS0	2	36	5180	52T+26T/70	15.44	15.80	18.63	24.00		-4.10		Pass
EHT20	MCS0	2	36	5180	106T+26T/82	17.72	17.79	20.77	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	Full	19.30	19.45	22.39	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	26RU/4	11.97	12.20	15.10	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	52RU/38	13.76	13.98	16.88	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	106RU/53	17.27	17.07	20.18	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	52T+26T/71	15.70	15.95	18.84	24.00		-4.10		Pass
EHT20	MCS0	2	44	5220	106T+26T/83	18.08	18.27	21.19	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	Full	19.47	19.16	22.33	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	26RU/8	10.28	10.78	13.55	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	52RU/40	13.84	13.70	16.78	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	106RU/54	16.59	16.66	19.64	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	52T+26T/72	15.85	15.69	18.78	24.00		-4.10		Pass
EHT20	MCS0	2	48	5240	106T+26T/83	17.98	17.90	20.95	24.00		-4.10		Pass
EHT40	MCS0	2	38	5190	Full	17.39	17.21	20.31	24.00		-4.10		Pass
EHT40	MCS0	2	46	5230	Full	19.82	19.63	22.74	24.00		-4.10		Pass
EHT80	MCS0	2	42	5210	Full	14.96	15.18	18.08	24.00		-4.10		Pass
EHT80	MCS0	2	42	5210	Puncture20 /8	14.32	14.43	17.39	24.00		-4.10		Pass
EHT160	MCS0	2	50	5250	Full	13.48	13.78	16.64	24.00		-4.10		Pass
EHT160	MCS0	2	50	5250	Puncture20 /128	13.29	13.38	16.35	24.00		-4.10		Pass
EHT160	MCS0	2	50	5250	Puncture40 /192	13.33	13.03	16.19	24.00		-4.10		Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-1															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	36	5180	Full	0.04	0.04	-		10.87	11.00		-1.38		Pass
EHT20	MCS0	2	36	5180	26RU/0	0.10	0.10	-		10.80	11.00		-1.38		Pass
EHT20	MCS0	2	36	5180	52RU/37	0.11	0.11	-		10.83	11.00		-1.38		Pass
EHT20	MCS0	2	36	5180	106RU/53	0.12	0.12	-		10.67	11.00		-1.38		Pass
EHT20	MCS0	2	36	5180	52T+26T/70	0.05	0.05	-		10.55	11.00		-1.38		Pass
EHT20	MCS0	2	36	5180	106T+26T/82	0.08	0.08	-		10.47	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	Full	0.04	0.04	-		10.92	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	26RU/4	0.10	0.10	-		10.88	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	52RU/38	0.11	0.11	-		10.75	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	106RU/53	0.12	0.12	-		10.89	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	52T+26T/71	0.05	0.05	-		10.81	11.00		-1.38		Pass
EHT20	MCS0	2	44	5220	106T+26T/83	0.08	0.08	-		10.83	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	Full	0.04	0.04	-		10.86	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	26RU/8	0.10	0.10	-		10.56	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	52RU/40	0.11	0.11	-		10.78	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	106RU/54	0.12	0.12	-		10.59	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	52T+26T/72	0.05	0.05	-		10.85	11.00		-1.38		Pass
EHT20	MCS0	2	48	5240	106T+26T/83	0.08	0.08	-		10.79	11.00		-1.38		Pass
EHT40	MCS0	2	38	5190	Full	0.07	0.07	-		6.15	11.00		-1.38		Pass
EHT40	MCS0	2	46	5230	Full	0.07	0.07	-		8.49	11.00		-1.38		Pass
EHT80	MCS0	2	42	5210	Full	0.12	0.12	-		1.20	11.00		-1.38		Pass
EHT80	MCS0	2	42	5210	Puncture20 /8	0.09	0.09	-		1.04	11.00		-1.38		Pass
EHT160	MCS0	2	50	5250	Full	0.21	0.21	-		-3.07	11.00		-1.38		Pass
EHT160	MCS0	2	50	5250	Puncture20 /128	0.18	0.18	-		-3.75	11.00		-1.38		Pass
EHT160	MCS0	2	50	5250	Puncture40 /192	0.17	0.17	-		-3.26	11.00		-1.38		Pass

TEST RESULTS DATA

26dB and 99% OBW

U-NII-2A															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
						Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
EHT20	MCS0	2	52	5260	Full	19.83	19.48	37.00	32.68	23.90		29.90		23.98	
EHT20	MCS0	2	60	5300	Full	20.39	19.70	42.59	36.36	23.94		29.94		23.98	
EHT20	MCS0	2	64	5320	Full	19.47	19.27	31.15	31.34	23.85		29.85		23.98	
EHT40	MCS0	2	54	5270	Full	39.02	38.57	70.38	60.69	23.98		30.00		23.98	
EHT40	MCS0	2	62	5310	Full	38.05	37.96	41.07	41.20	23.98		30.00		23.98	
EHT80	MCS0	2	58	5290	Full	77.51	77.50	88.48	84.16	23.98		30.00		23.98	

TEST RESULTS DATA

Average Power Table

FCC U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
EHT20	MCS0	2	52	5260	Full	19.41	19.13	22.28	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	52	5260	26RU/0	10.95	10.48	13.73	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	52	5260	52RU/37	13.88	13.52	16.71	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	52	5260	106RU/53	17.09	16.87	19.99	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	52	5260	52T+26T/70	15.68	15.43	18.57	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	52	5260	106T+26T/82	17.94	17.76	20.86	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	Full	19.48	19.33	22.42	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	26RU/4	12.10	11.89	15.01	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	52RU/38	13.83	13.62	16.74	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	106RU/53	16.94	16.94	19.95	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	52T+26T/71	16.01	15.63	18.83	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	60	5300	106T+26T/83	18.19	17.80	21.01	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	Full	18.41	17.94	21.19	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	26RU/8	7.69	6.91	10.33	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	52RU/40	12.82	11.96	15.42	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	106RU/54	15.79	15.13	18.48	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	52T+26T/72	14.85	14.02	17.47	23.98		-3.30		30.00	Pass
EHT20	MCS0	2	64	5320	106T+26T/83	17.10	16.53	19.83	23.98		-3.30		30.00	Pass
EHT40	MCS0	2	54	5270	Full	19.92	19.67	22.81	23.98		-3.30		30.00	Pass
EHT40	MCS0	2	62	5310	Full	16.78	16.24	19.53	23.98		-3.30		30.00	Pass
EHT80	MCS0	2	58	5290	Full	15.65	15.38	18.53	23.98		-3.30		30.00	Pass
EHT80	MCS0	2	58	5290	Puncture20 /1	14.95	14.80	17.89	23.98		-3.30		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2A															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	52	5260	Full	0.04	0.04	-		10.85	11.00		-1.36		Pass
EHT20	MCS0	2	52	5260	26RU/0	0.10	0.10	-		10.64	11.00		-1.36		Pass
EHT20	MCS0	2	52	5260	52RU/37	0.11	0.11	-		10.69	11.00		-1.36		Pass
EHT20	MCS0	2	52	5260	106RU/53	0.12	0.12	-		10.83	11.00		-1.36		Pass
EHT20	MCS0	2	52	5260	52T+26T/70	0.05	0.05	-		10.72	11.00		-1.36		Pass
EHT20	MCS0	2	52	5260	106T+26T/82	0.08	0.08	-		10.74	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	Full	0.04	0.04	-		10.94	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	26RU/4	0.10	0.10	-		10.93	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	52RU/38	0.11	0.11	-		10.72	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	106RU/53	0.12	0.12	-		10.75	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	52T+26T/71	0.05	0.05	-		10.84	11.00		-1.36		Pass
EHT20	MCS0	2	60	5300	106T+26T/83	0.08	0.08	-		10.90	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	Full	0.04	0.04	-		9.80	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	26RU/8	0.10	0.10	-		8.14	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	52RU/40	0.11	0.11	-		9.56	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	106RU/54	0.12	0.12	-		9.41	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	52T+26T/72	0.05	0.05	-		9.59	11.00		-1.36		Pass
EHT20	MCS0	2	64	5320	106T+26T/83	0.08	0.08	-		9.79	11.00		-1.36		Pass
EHT40	MCS0	2	54	5270	Full	0.07	0.07	-		8.52	11.00		-1.36		Pass
EHT40	MCS0	2	62	5310	Full	0.07	0.07	-		5.35	11.00		-1.36		Pass
EHT80	MCS0	2	58	5290	Full	0.12	0.12	-		1.50	11.00		-1.36		Pass
EHT80	MCS0	2	58	5290	Puncture20 /1	0.09	0.09	-		1.46	11.00		-1.36		Pass

TEST RESULTS DATA

26dB and 99% OBW

U-NII-2C																	
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
EHT20	MCS0	2	100	5500	Full	19.44	19.43	32.43	35.29	23.88		29.88		23.98		----	
EHT20	MCS0	2	116	5580	Full	19.45	19.69	33.46	35.54	23.89		29.89		23.98		----	
EHT20	MCS0	2	140	5700	Full	19.17	19.24	23.26	26.18	23.83		29.83		23.98		----	
EHT40	MCS0	2	102	5510	Full	37.90	37.85	41.30	40.93	23.98		30.00		23.98		----	
EHT40	MCS0	2	110	5550	Full	38.56	38.52	65.17	67.89	23.98		30.00		23.98		----	
EHT40	MCS0	2	134	5670	Full	38.20	38.48	61.97	66.75	23.98		30.00		23.98		----	
EHT80	MCS0	2	106	5530	Full	77.38	77.41	83.39	83.58	23.98		30.00		23.98		----	
EHT80	MCS0	2	122	5610	Full	77.79	78.22	126.05	128.29	23.98		30.00		23.98		----	
EHT160	MCS0	2	114	5570	Full	158.20	158.32	274.13	309.17	23.98		30.00		23.98		----	

U-NII-2C straddle channel																	
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4
EHT20	MCS0	2	144	5720	Full	14.68	14.98	20.53	26.11	23.88		29.88		23.98		4.37	4.40
EHT40	MCS0	2	142	5710	Full	34.11	34.64	48.92	51.05	23.98		30.00		23.98		3.80	3.80
EHT80	MCS0	2	138	5690	Full	73.90	74.30	92.02	121.46	23.98		30.00		23.98		3.51	2.63
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA

Average Power Table

FCC U-NII-2C														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
EHT20	MCS0	2	100	5500	Full	19.44	19.33	22.40	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	100	5500	26RU/0	10.93	10.53	13.74	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	100	5500	52RU/37	13.78	13.40	16.60	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	100	5500	106RU/53	16.71	17.04	19.89	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	100	5500	52T+26T/70	15.60	15.55	18.59	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	100	5500	106T+26T/82	17.94	17.88	20.92	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	Full	19.32	19.30	22.32	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	26RU/4	11.93	11.71	14.83	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	52RU/38	13.94	13.71	16.84	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	106RU/53	17.01	16.77	19.90	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	52T+26T/71	15.93	15.74	18.85	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	116	5580	106T+26T/83	18.06	17.54	20.82	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	Full	17.19	17.31	20.26	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	26RU/8	7.66	7.30	10.49	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	52RU/40	11.14	11.56	14.37	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	106RU/54	14.60	14.75	17.69	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	52T+26T/72	13.23	13.31	16.28	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	140	5700	106T+26T/83	15.66	15.75	18.72	23.98		-2.20		30.00	Pass
EHT40	MCS0	2	102	5510	Full	15.27	15.38	18.34	23.98		-2.20		30.00	Pass
EHT40	MCS0	2	110	5550	Full	19.83	19.56	22.71	23.98		-2.20		30.00	Pass
EHT40	MCS0	2	134	5670	Full	18.87	19.26	22.08	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	106	5530	Full	14.44	14.81	17.64	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	106	5530	Puncture20 /8	14.04	13.92	16.99	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	122	5610	Full	19.28	19.11	22.21	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	122	5610	Puncture20 /2	17.79	17.91	20.86	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	122	5610	Puncture20 /4	17.78	17.97	20.89	23.98		-2.20		30.00	Pass

FCC U-NII-2C														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
EHT160	MCS0	2	114	5570	Full	12.56	13.00	15.80	23.98		-2.20		30.00	Pass
EHT160	MCS0	2	114	5570	Puncture20 /1	12.50	12.63	15.58	23.98		-2.20		30.00	Pass
EHT160	MCS0	2	114	5570	Puncture40 /3	11.94	12.18	15.07	23.98		-2.20		30.00	Pass

FCC U-NII-2C straddle channel														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4		
EHT20	MCS0	2	144	5720	Full	19.16	19.43	22.31	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	144	5720	26RU/8	10.51	10.81	13.67	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	144	5720	52RU/40	13.76	13.88	16.83	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	144	5720	106RU/54	16.57	16.89	19.74	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	144	5720	52T+26T/72	15.50	15.61	18.57	23.98		-2.20		30.00	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	17.94	17.98	20.97	23.98		-2.20		30.00	Pass
EHT40	MCS0	2	142	5710	Full	19.85	19.94	22.91	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	138	5690	Full	19.49	19.62	22.57	23.98		-2.20		30.00	Pass
EHT80	MCS0	2	138	5690	Puncture20 /1	18.66	19.23	21.96	23.98		-2.20		30.00	Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-2C															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	100	5500	Full	0.04	0.04	-		10.95	11.00		0.14		Pass
EHT20	MCS0	2	100	5500	26RU/0	0.10	0.10	-		10.93	11.00		0.14		Pass
EHT20	MCS0	2	100	5500	52RU/37	0.11	0.11	-		10.77	11.00		0.14		Pass
EHT20	MCS0	2	100	5500	106RU/53	0.12	0.12	-		10.86	11.00		0.14		Pass
EHT20	MCS0	2	100	5500	52T+26T/70	0.05	0.05	-		10.77	11.00		0.14		Pass
EHT20	MCS0	2	100	5500	106T+26T/82	0.08	0.08	-		10.83	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	Full	0.04	0.04	-		10.92	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	26RU/4	0.10	0.10	-		10.79	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	52RU/38	0.11	0.11	-		10.79	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	106RU/53	0.12	0.12	-		10.80	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	52T+26T/71	0.05	0.05	-		10.83	11.00		0.14		Pass
EHT20	MCS0	2	116	5580	106T+26T/83	0.08	0.08	-		10.67	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	Full	0.04	0.04	-		8.76	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	26RU/8	0.10	0.10	-		8.16	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	52RU/40	0.11	0.11	-		8.47	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	106RU/54	0.12	0.12	-		8.68	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	52T+26T/72	0.05	0.05	-		8.54	11.00		0.14		Pass
EHT20	MCS0	2	140	5700	106T+26T/83	0.08	0.08	-		8.50	11.00		0.14		Pass
EHT40	MCS0	2	102	5510	Full	0.07	0.07	-		4.32	11.00		0.14		Pass
EHT40	MCS0	2	110	5550	Full	0.07	0.07	-		8.44	11.00		0.14		Pass
EHT40	MCS0	2	134	5670	Full	0.07	0.07	-		7.91	11.00		0.14		Pass
EHT80	MCS0	2	106	5530	Full	0.12	0.12	-		0.56	11.00		0.14		Pass
EHT80	MCS0	2	106	5530	Puncture20 /8	0.09	0.09	-		0.50	11.00		0.14		Pass
EHT80	MCS0	2	122	5610	Full	0.12	0.12	-		5.26	11.00		0.14		Pass
EHT80	MCS0	2	122	5610	Puncture20 /2	0.09	0.09	-		5.05	11.00		0.14		Pass
EHT80	MCS0	2	122	5610	Puncture20 /4	0.09	0.09	-		5.14	11.00		0.14		Pass

FCC U-NII-2C															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT160	MCS0	2	114	5570	Full	0.21	0.21	-		-4.17	11.00		0.14		Pass
EHT160	MCS0	2	114	5570	Puncture20 /1	0.18	0.18	-		-4.43	11.00		0.14		Pass
EHT160	MCS0	2	114	5570	Puncture40 /3	0.17	0.17	-		-4.35	11.00		0.14		Pass

FCC U-NII-2C straddle channel															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	144	5720	Full	0.04	0.04	-		10.94	11.00		0.14		Pass
EHT20	MCS0	2	144	5720	26RU/8	0.10	0.10	-		10.79	11.00		0.14		Pass
EHT20	MCS0	2	144	5720	52RU/40	0.11	0.11	-		10.89	11.00		0.14		Pass
EHT20	MCS0	2	144	5720	106RU/54	0.12	0.12	-		10.77	11.00		0.14		Pass
EHT20	MCS0	2	144	5720	52T+26T/72	0.05	0.05	-		10.71	11.00		0.14		Pass
EHT20	MCS0	2	144	5720	106T+26T/83	0.08	0.08	-		10.78	11.00		0.14		Pass
EHT40	MCS0	2	142	5710	Full	0.07	0.07	-		8.76	11.00		0.14		Pass
EHT80	MCS0	2	138	5690	Full	0.12	0.12	-		5.56	11.00		0.14		Pass
EHT80	MCS0	2	138	5690	Puncture20 /1	0.09	0.09	-		5.36	11.00		0.14		Pass

<For Band 4>

TEST RESULTS DATA

6dB and 26dB EBW and 99% OBW

U-NII-3												
Mod.	Data Rate	NTX	CH.	Freq (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min Limit (MHz)	Pass /Fail
					Ant3	Ant4	Ant3	Ant4	Ant3	Ant4		
11a	6M	2	149	5745	20.38	20.51	36.31	35.26	16.12	16.32	0.5	Pass
11a	6M	2	157	5785	23.16	23.60	38.93	38.93	16.29	16.04	0.5	Pass
11a	6M	2	165	5825	22.07	22.53	36.90	37.10	16.07	16.32	0.5	Pass
HT20	MCS0	2	149	5745	21.50	20.23	38.84	37.18	17.19	17.55	0.5	Pass
HT20	MCS0	2	157	5785	24.08	23.33	44.27	40.42	17.55	17.54	0.5	Pass
HT20	MCS0	2	165	5825	23.17	22.30	40.87	39.00	17.29	16.92	0.5	Pass
HT40	MCS0	2	151	5755	37.77	37.73	79.60	76.18	36.29	36.35	0.5	Pass
HT40	MCS0	2	159	5795	38.16	38.45	75.92	74.98	36.31	36.34	0.5	Pass
VHT80	MCS0	2	155	5775	76.41	76.54	139.04	152.03	75.84	75.84	0.5	Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-3												
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
					Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	149	5745	20.77	19.88	23.36	30.00		-3.80		Pass
11a	6M	2	157	5785	20.96	20.49	23.74	30.00		-3.80		Pass
11a	6M	2	165	5825	20.98	20.37	23.70	30.00		-3.80		Pass
HT20	MCS0	2	149	5745	20.77	19.59	23.23	30.00		-3.80		Pass
HT20	MCS0	2	157	5785	20.89	20.31	23.62	30.00		-3.80		Pass
HT20	MCS0	2	165	5825	20.82	20.09	23.48	30.00		-3.80		Pass
HT40	MCS0	2	151	5755	19.82	19.24	22.55	30.00		-3.80		Pass
HT40	MCS0	2	159	5795	19.88	19.05	22.50	30.00		-3.80		Pass
VHT20	MCS0	2	149	5745	20.10	19.10	22.64	30.00		-3.80		Pass
VHT20	MCS0	2	157	5785	20.27	20.03	23.16	30.00		-3.80		Pass
VHT20	MCS0	2	165	5825	20.32	19.91	23.13	30.00		-3.80		Pass
VHT40	MCS0	2	151	5755	19.45	18.70	22.10	30.00		-3.80		Pass
VHT40	MCS0	2	159	5795	19.42	18.92	22.19	30.00		-3.80		Pass
VHT80	MCS0	2	155	5775	18.93	19.12	22.04	30.00		-3.80		Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-3														
Mod.	Data Rate	NTX	CH.	Freq (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
11a	6M	2	149	5745	0.02	0.02	7.07	6.38	10.08	30.00		-1.08		Pass
11a	6M	2	157	5785	0.02	0.02	7.21	6.96	10.22	30.00		-1.08		Pass
11a	6M	2	165	5825	0.02	0.02	7.11	6.64	10.12	30.00		-1.08		Pass
HT20	MCS0	2	149	5745	0.03	0.03	6.71	5.87	9.72	30.00		-1.08		Pass
HT20	MCS0	2	157	5785	0.03	0.03	6.77	6.59	9.78	30.00		-1.08		Pass
HT20	MCS0	2	165	5825	0.03	0.03	6.81	6.19	9.82	30.00		-1.08		Pass
HT40	MCS0	2	151	5755	0.05	0.05	2.57	2.37	5.58	30.00		-1.08		Pass
HT40	MCS0	2	159	5795	0.05	0.05	2.42	2.34	5.43	30.00		-1.08		Pass
VHT80	MCS0	2	155	5775	0.10	0.10	-0.94	-0.70	2.31	30.00		-1.08		Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-3													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	149	5745	Full	20.54	19.79	23.19	30.00		-3.80		Pass
HE20	MCS0	2	149	5745	26RU/0	11.95	11.17	14.59	30.00		-3.80		Pass
HE20	MCS0	2	149	5745	52RU/37	15.02	14.26	17.67	30.00		-3.80		Pass
HE20	MCS0	2	149	5745	106RU/53	18.48	17.67	21.10	30.00		-3.80		Pass
HE20	MCS0	2	157	5785	Full	20.67	20.26	23.48	30.00		-3.80		Pass
HE20	MCS0	2	157	5785	26RU/4	12.11	11.62	14.88	30.00		-3.80		Pass
HE20	MCS0	2	157	5785	52RU/38	15.00	14.60	17.81	30.00		-3.80		Pass
HE20	MCS0	2	157	5785	106RU/53	18.72	17.99	21.38	30.00		-3.80		Pass
HE20	MCS0	2	165	5825	Full	20.90	20.19	23.57	30.00		-3.80		Pass
HE20	MCS0	2	165	5825	26RU/8	11.87	11.45	14.68	30.00		-3.80		Pass
HE20	MCS0	2	165	5825	52RU/40	15.35	15.02	18.20	30.00		-3.80		Pass
HE20	MCS0	2	165	5825	106RU/54	18.06	17.67	20.88	30.00		-3.80		Pass
HE40	MCS0	2	151	5755	Full	19.65	18.81	22.26	30.00		-3.80		Pass
HE40	MCS0	2	159	5795	Full	19.50	18.85	22.20	30.00		-3.80		Pass
HE80	MCS0	2	155	5775	Full	19.59	19.41	22.51	30.00		-3.80		Pass

TEST RESULTS DATA

Power Spectral Density

FCC U-NII-3															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
HE20	MCS0	2	149	5745	Full	0.04	0.04	6.01	5.54	9.02	30.00		-1.08		Pass
HE20	MCS0	2	149	5745	26RU/0	0.10	0.10	5.77	5.10	8.78	30.00		-1.08		Pass
HE20	MCS0	2	149	5745	52RU/37	0.11	0.11	5.70	5.12	8.71	30.00		-1.08		Pass
HE20	MCS0	2	149	5745	106RU/53	0.12	0.12	5.98	5.55	8.99	30.00		-1.08		Pass
HE20	MCS0	2	157	5785	Full	0.04	0.04	6.14	6.06	9.15	30.00		-1.08		Pass
HE20	MCS0	2	157	5785	26RU/4	0.10	0.10	5.67	5.58	8.68	30.00		-1.08		Pass
HE20	MCS0	2	157	5785	52RU/38	0.11	0.11	5.79	5.70	8.80	30.00		-1.08		Pass
HE20	MCS0	2	157	5785	106RU/53	0.12	0.12	6.11	5.85	9.12	30.00		-1.08		Pass
HE20	MCS0	2	165	5825	Full	0.04	0.04	6.52	5.87	9.53	30.00		-1.08		Pass
HE20	MCS0	2	165	5825	26RU/8	0.10	0.10	5.57	5.48	8.58	30.00		-1.08		Pass
HE20	MCS0	2	165	5825	52RU/40	0.11	0.11	6.22	5.83	9.23	30.00		-1.08		Pass
HE20	MCS0	2	165	5825	106RU/54	0.12	0.12	5.49	5.28	8.50	30.00		-1.08		Pass
HE40	MCS0	2	151	5755	Full	0.07	0.07	2.31	1.84	5.32	30.00		-1.08		Pass
HE40	MCS0	2	159	5795	Full	0.07	0.07	2.35	1.95	5.36	30.00		-1.08		Pass
HE80	MCS0	2	155	5775	Full	0.12	0.12	-0.59	-0.55	2.46	30.00		-1.08		Pass

TEST RESULTS DATA

6dB and 26dB EBW and 99% OBW

U-NII-3													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min Limit (MHz)	Pass /Fail
						Ant3	Ant4	Ant3	Ant4	Ant3	Ant4		
EHT20	MCS0	2	149	5745	Full	20.04	20.65	36.09	40.10	18.79	18.14	0.5	Pass
EHT20	MCS0	2	157	5785	Full	22.48	23.27	42.04	44.02	18.65	18.64	0.5	Pass
EHT20	MCS0	2	165	5825	Full	23.60	24.33	41.14	44.32	18.45	18.81	0.5	Pass
EHT40	MCS0	2	151	5755	Full	38.53	38.65	63.07	67.73	37.91	37.25	0.5	Pass
EHT40	MCS0	2	159	5795	Full	38.58	38.66	67.39	68.22	37.72	37.78	0.5	Pass
EHT80	MCS0	2	155	5775	Full	78.20	78.60	149.31	154.53	77.58	75.86	0.5	Pass

TEST RESULTS DATA

Average Power Table

FCC U-NII-3													
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
						Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	149	5745	Full	20.82	19.83	23.36	30.00		-3.80		Pass
EHT20	MCS0	2	149	5745	26RU/0	12.09	11.69	14.90	30.00		-3.80		Pass
EHT20	MCS0	2	149	5745	52RU/37	15.15	14.58	17.88	30.00		-3.80		Pass
EHT20	MCS0	2	149	5745	106RU/53	18.62	17.96	21.31	30.00		-3.80		Pass
EHT20	MCS0	2	149	5745	52T+26T/70	17.33	16.42	19.91	30.00		-3.80		Pass
EHT20	MCS0	2	149	5745	106T+26T/82	19.54	18.70	22.15	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	Full	20.92	20.32	23.64	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	26RU/4	12.46	12.55	15.52	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	52RU/38	15.31	14.87	18.11	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	106RU/53	18.75	18.27	21.53	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	52T+26T/71	17.33	17.05	20.20	30.00		-3.80		Pass
EHT20	MCS0	2	157	5785	106T+26T/83	19.79	19.24	22.53	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	Full	20.99	20.40	23.72	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	26RU/8	12.25	12.18	15.23	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	52RU/40	15.39	15.35	18.38	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	106RU/54	18.46	18.10	21.29	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	52T+26T/72	17.32	16.76	20.06	30.00		-3.80		Pass
EHT20	MCS0	2	165	5825	106T+26T/83	19.89	19.32	22.62	30.00		-3.80		Pass
EHT40	MCS0	2	151	5755	Full	19.97	19.53	22.77	30.00		-3.80		Pass
EHT40	MCS0	2	159	5795	Full	19.69	19.17	22.45	30.00		-3.80		Pass
EHT80	MCS0	2	155	5775	Full	19.92	19.84	22.89	30.00		-3.80		Pass
EHT80	MCS0	2	155	5775	Puncture20 /1	18.92	19.10	22.02	30.00		-3.80		Pass

TEST RESULTS DATA

Power Spectral Density

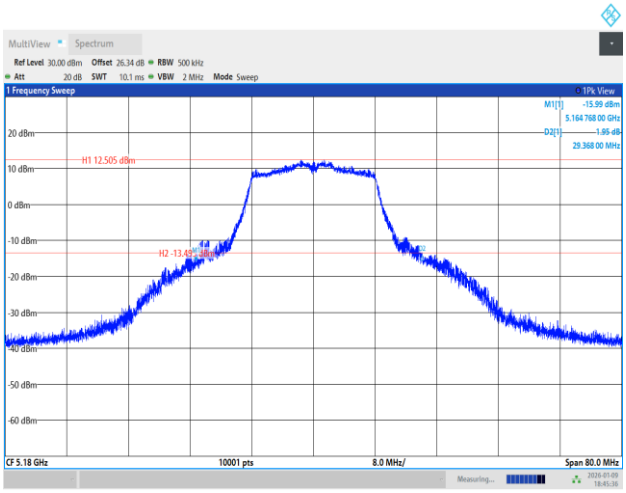
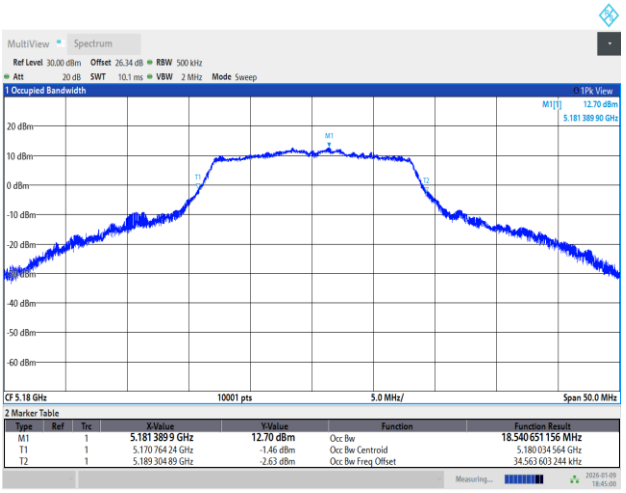
FCC U-NII-3															
Mod.	Data Rate	NTX	CH.	Freq (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant3	Ant4	Ant3	Ant4	SUM	Ant3	Ant4	Ant3	Ant4	
EHT20	MCS0	2	149	5745	Full	0.04	0.04	6.30	5.69	9.31	30.00		-1.08		Pass
EHT20	MCS0	2	149	5745	26RU/0	0.10	0.10	6.09	5.68	9.10	30.00		-1.08		Pass
EHT20	MCS0	2	149	5745	52RU/37	0.11	0.11	5.96	5.50	8.97	30.00		-1.08		Pass
EHT20	MCS0	2	149	5745	106RU/53	0.12	0.12	6.04	5.67	9.05	30.00		-1.08		Pass
EHT20	MCS0	2	149	5745	52T+26T/70	0.05	0.05	6.15	5.47	9.16	30.00		-1.08		Pass
EHT20	MCS0	2	149	5745	106T+26T/82	0.08	0.08	6.16	5.51	9.17	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	Full	0.04	0.04	6.53	6.10	9.54	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	26RU/4	0.10	0.10	6.14	6.03	9.15	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	52RU/38	0.11	0.11	5.87	5.89	8.90	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	106RU/53	0.12	0.12	6.31	6.02	9.32	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	52T+26T/71	0.05	0.05	6.13	5.98	9.14	30.00		-1.08		Pass
EHT20	MCS0	2	157	5785	106T+26T/83	0.08	0.08	6.30	5.99	9.31	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	Full	0.04	0.04	6.63	6.02	9.64	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	26RU/8	0.10	0.10	6.17	5.84	9.18	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	52RU/40	0.11	0.11	6.20	5.99	9.21	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	106RU/54	0.12	0.12	6.09	5.90	9.10	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	52T+26T/72	0.05	0.05	6.22	5.71	9.23	30.00		-1.08		Pass
EHT20	MCS0	2	165	5825	106T+26T/83	0.08	0.08	6.54	5.97	9.55	30.00		-1.08		Pass
EHT40	MCS0	2	151	5755	Full	0.07	0.07	2.67	2.50	5.68	30.00		-1.08		Pass
EHT40	MCS0	2	159	5795	Full	0.07	0.07	2.56	2.09	5.57	30.00		-1.08		Pass
EHT80	MCS0	2	155	5775	Full	0.12	0.12	-0.08	-0.19	2.93	30.00		-1.08		Pass
EHT80	MCS0	2	155	5775	Puncture20 /1	0.09	0.09	-0.69	-0.43	2.58	30.00		-1.08		Pass

<For Band 1-3>

Test Result of 26dB & 99% Occupied Bandwidth

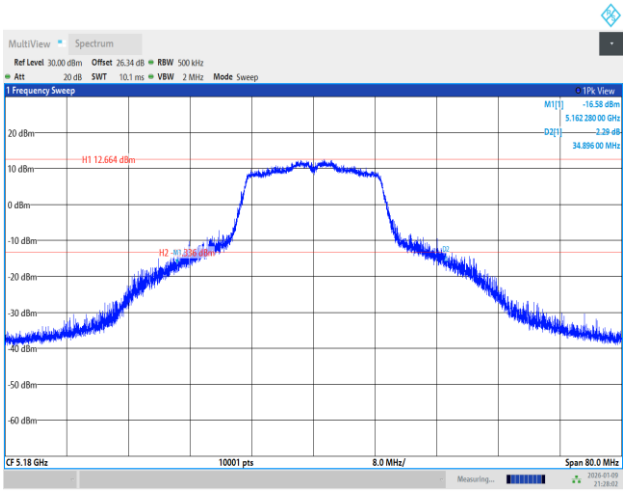
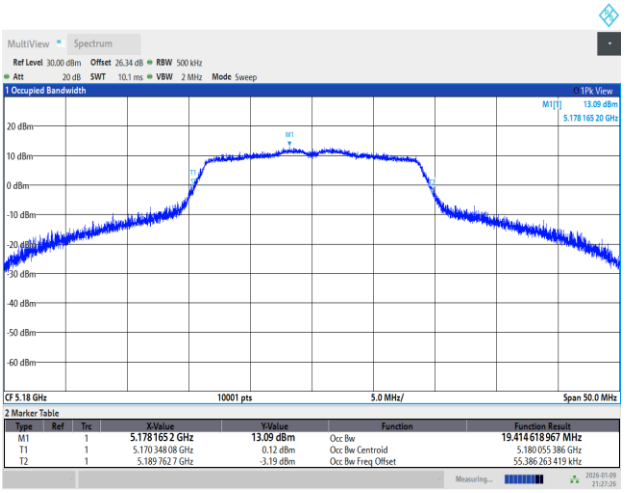
MIMO <Ant. 3+4>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

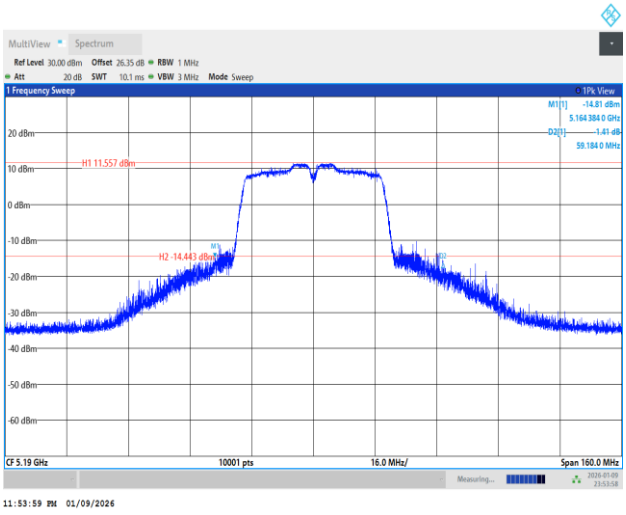
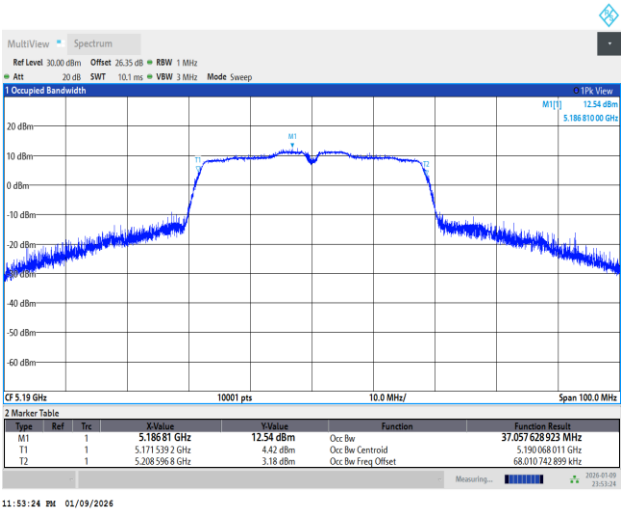
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

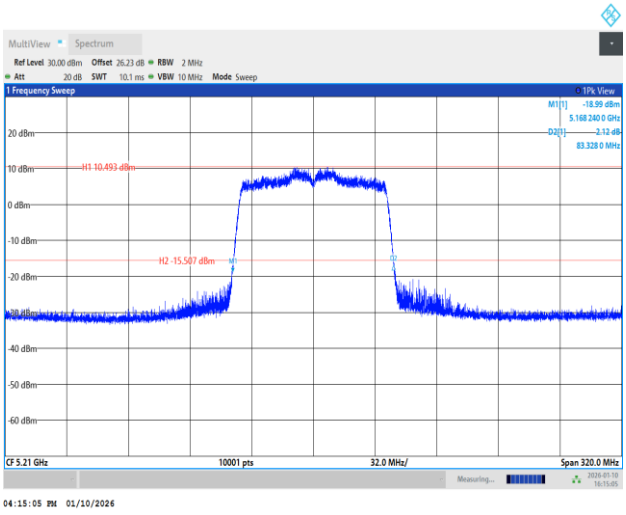
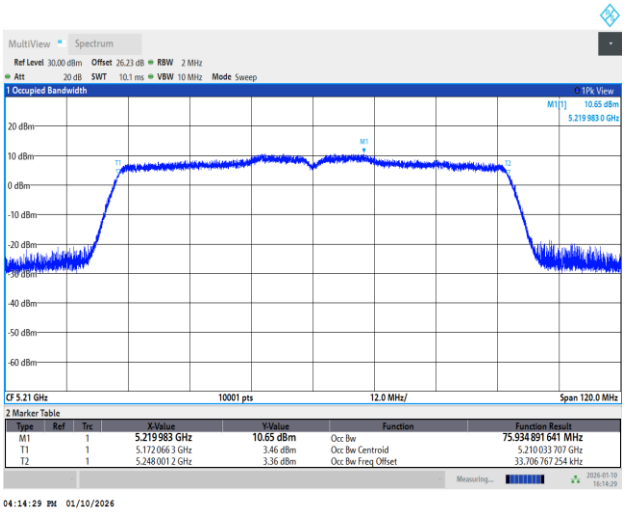
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

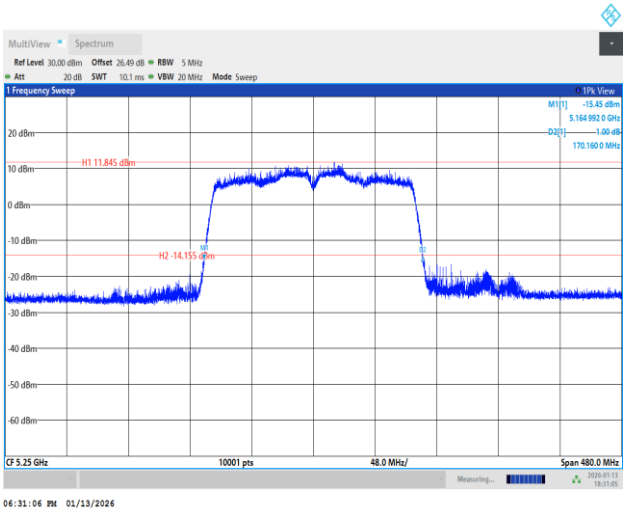
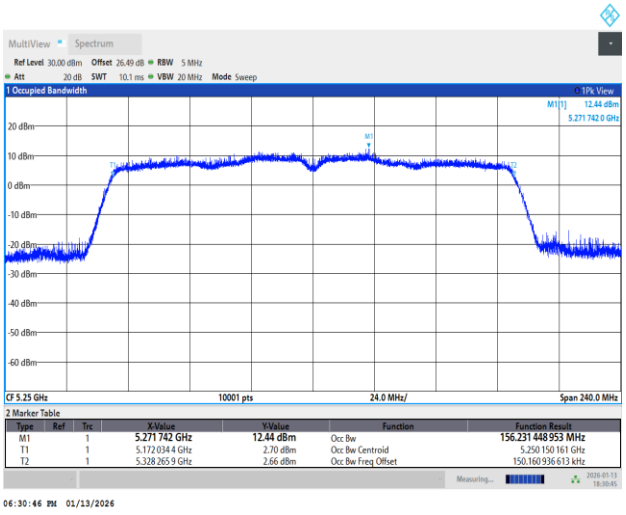
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

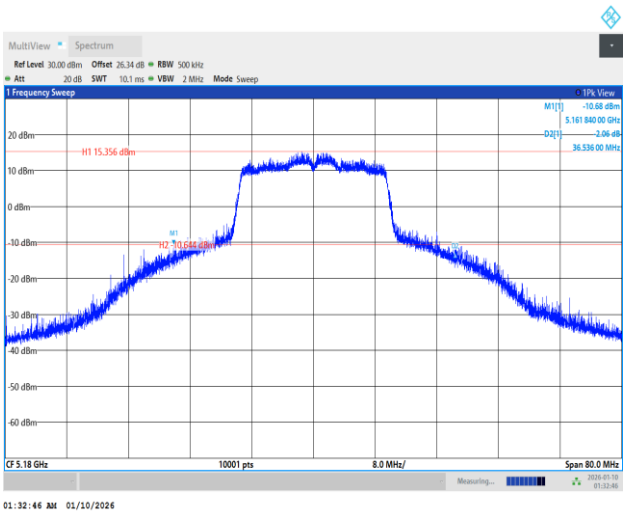
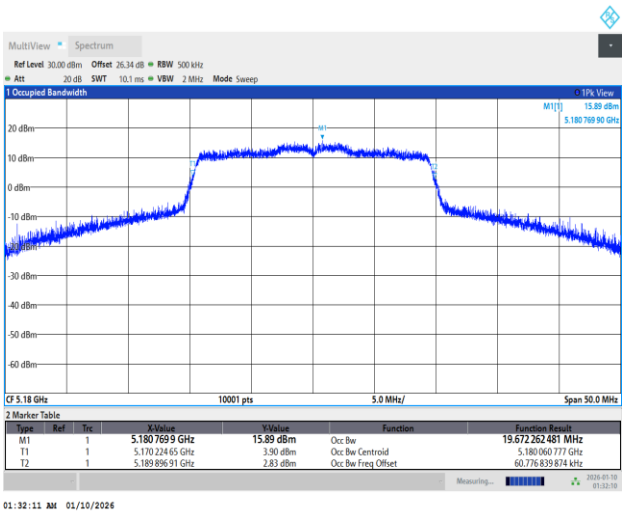
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

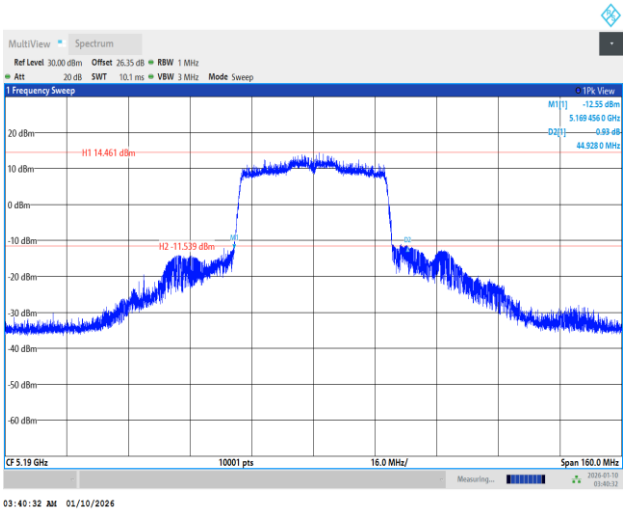
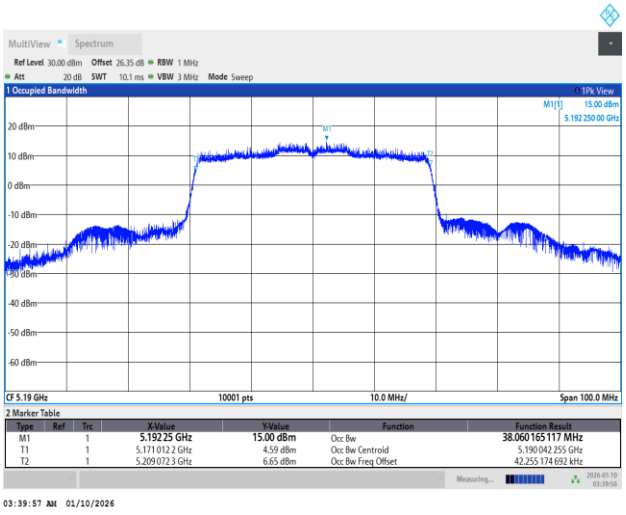
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

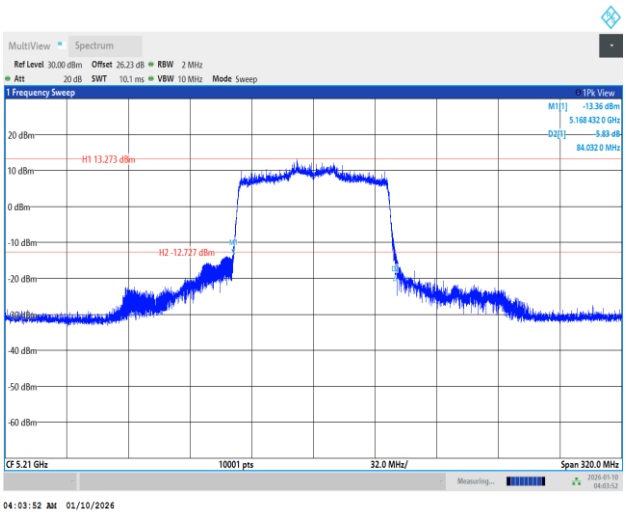
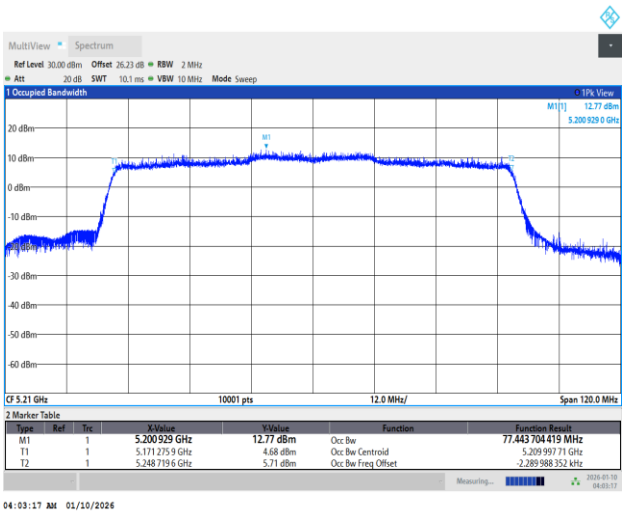
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

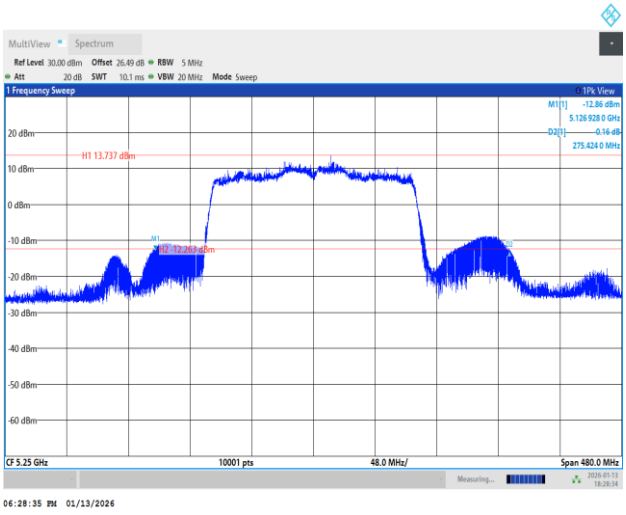
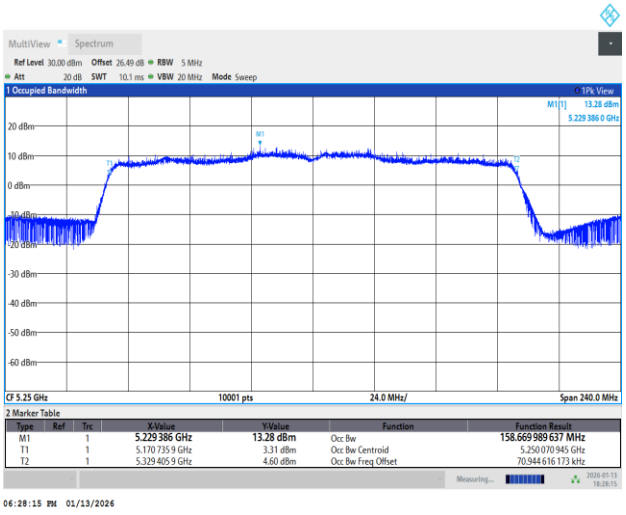
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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>

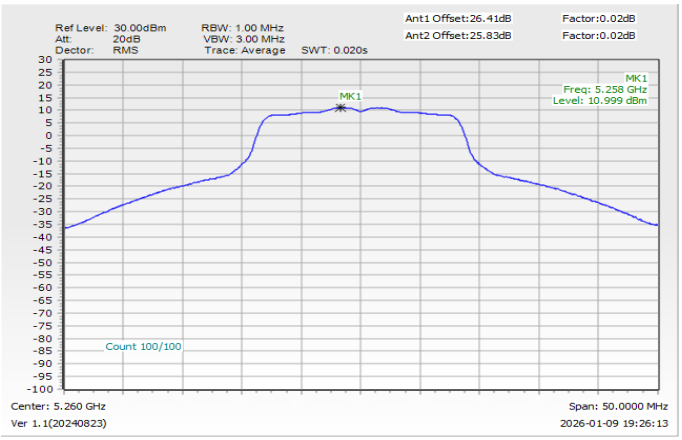
26dB Bandwidth	99% Occupied Bandwidth
	

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

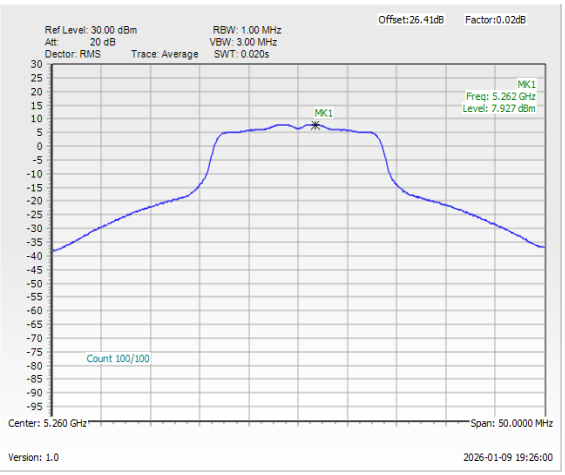
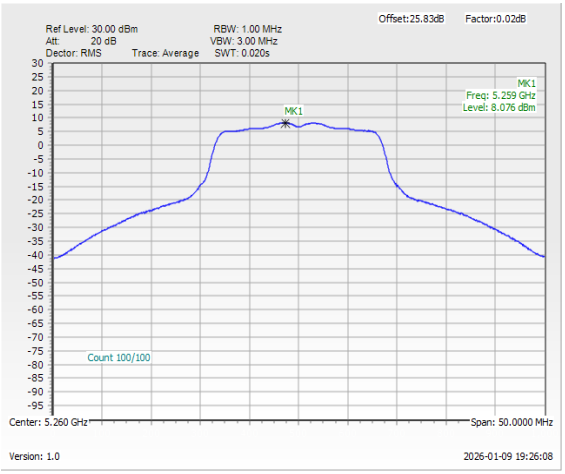
Test Result of Power Spectral Density

<802.11a>

Maximum Power Density Plot (dBm/MHz)

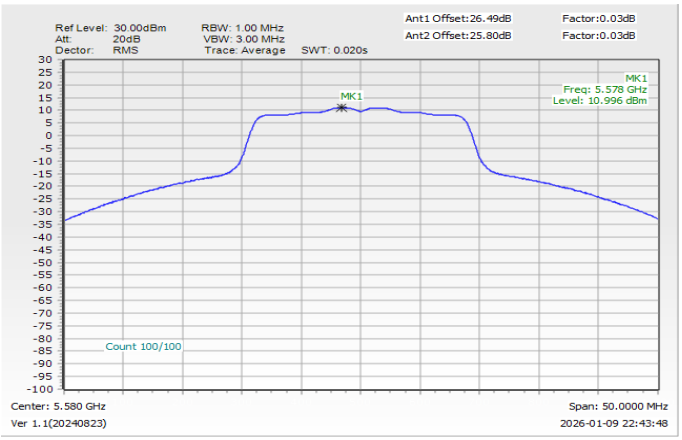


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

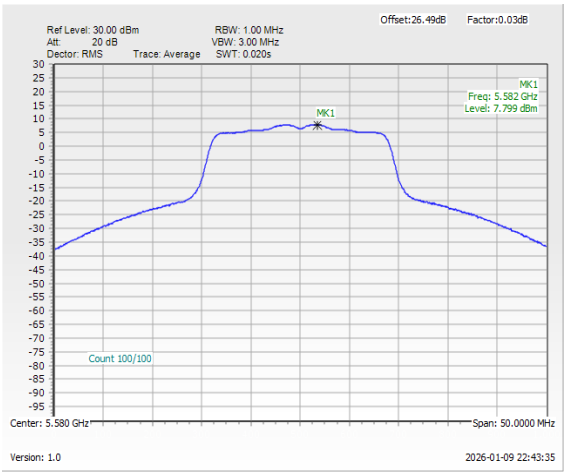
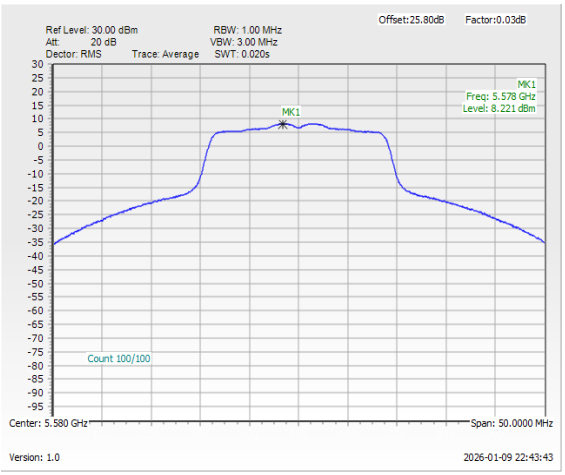
Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<802.11n HT20>

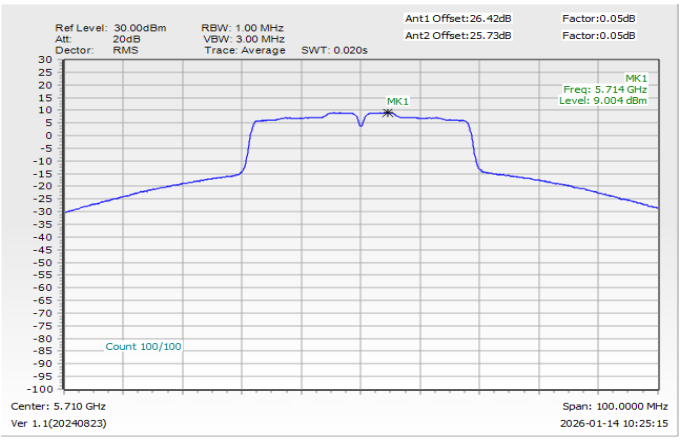
Maximum Power Density Plot (dBm/MHz)



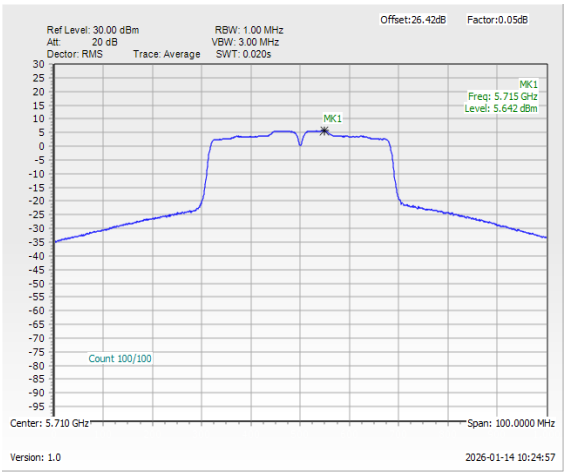
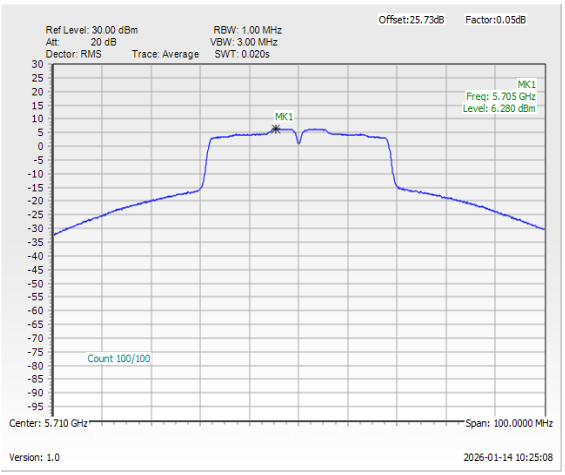
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<802.11n HT40>

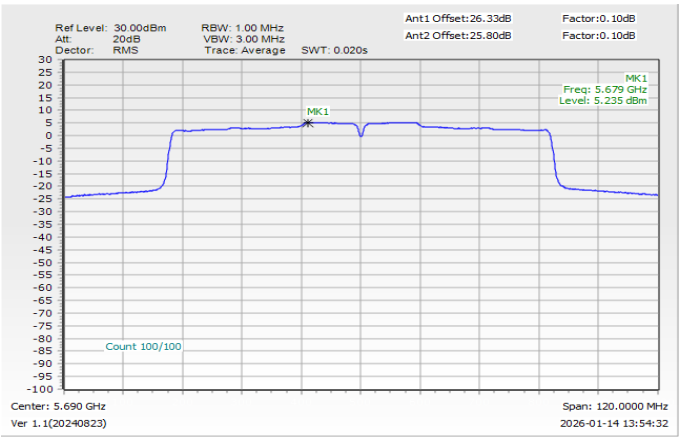
Maximum Power Density Plot (dBm/MHz)


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

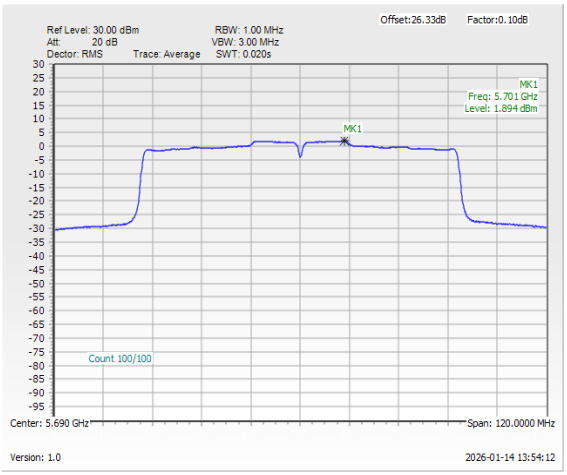
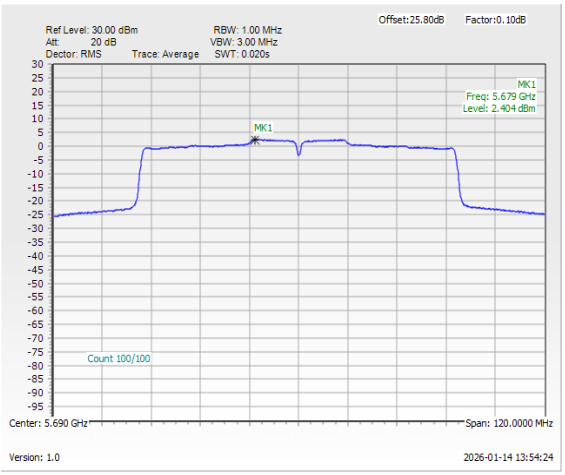
Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<802.11ac VHT80>

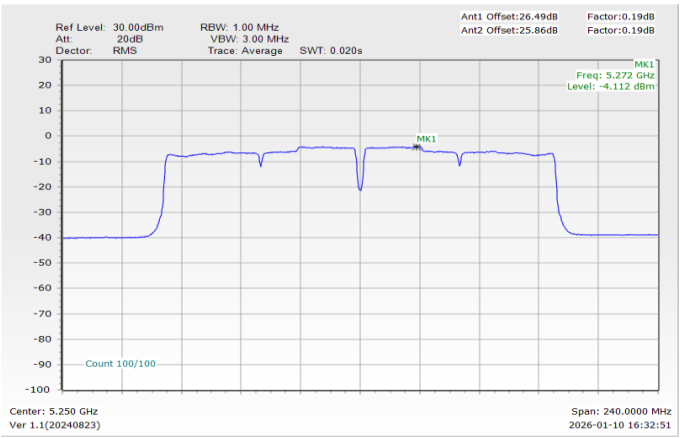
Maximum Power Density Plot (dBm/MHz)



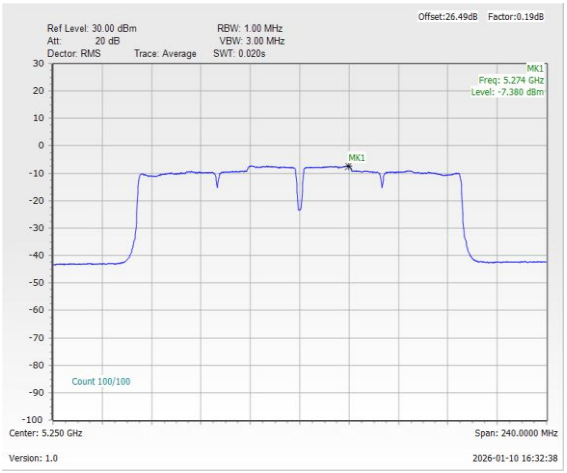
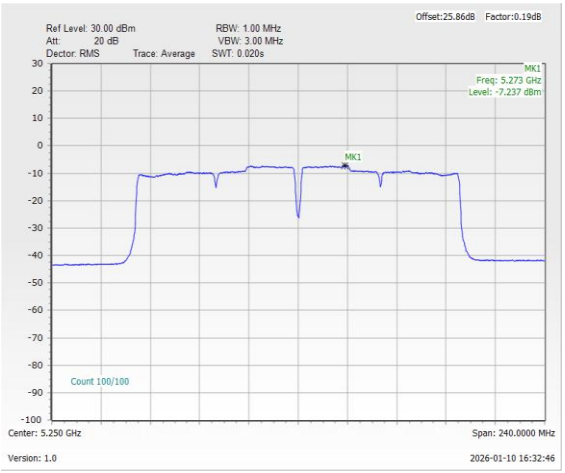
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

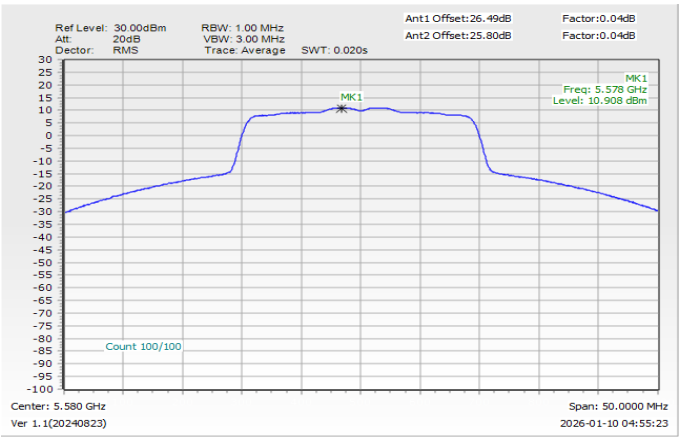
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)


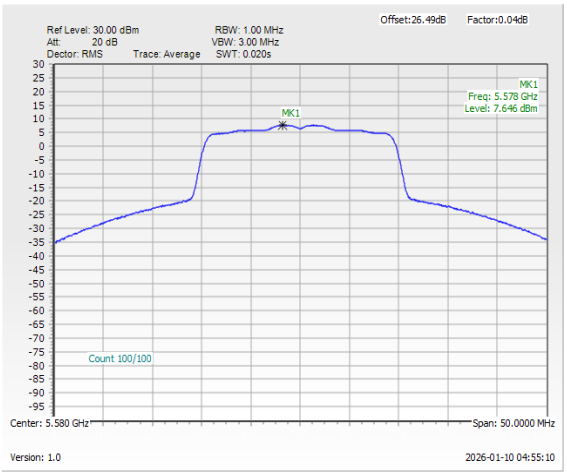
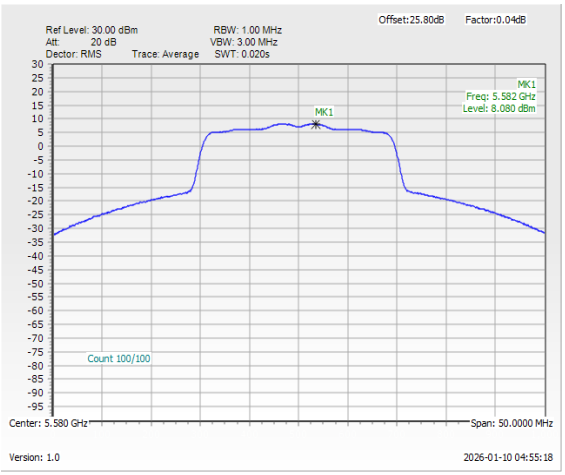
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

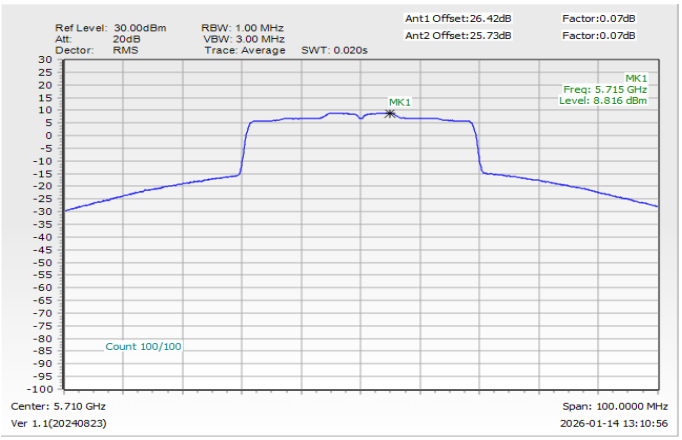
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


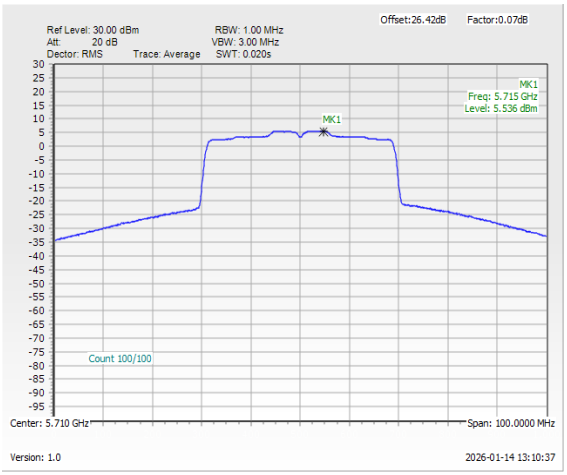
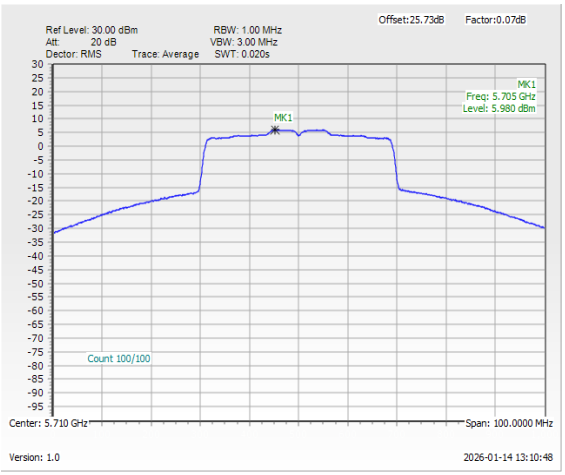
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

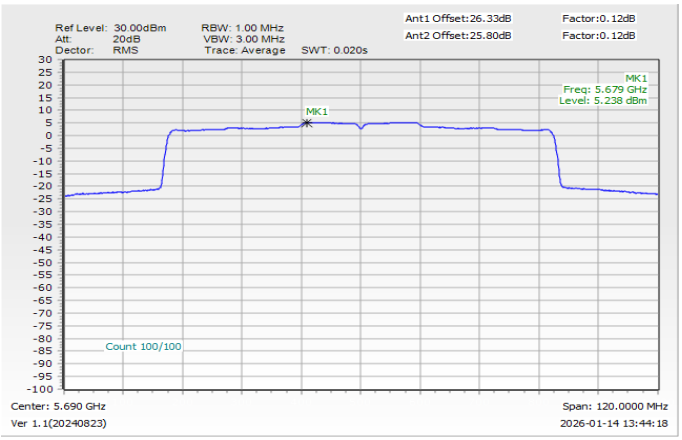
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


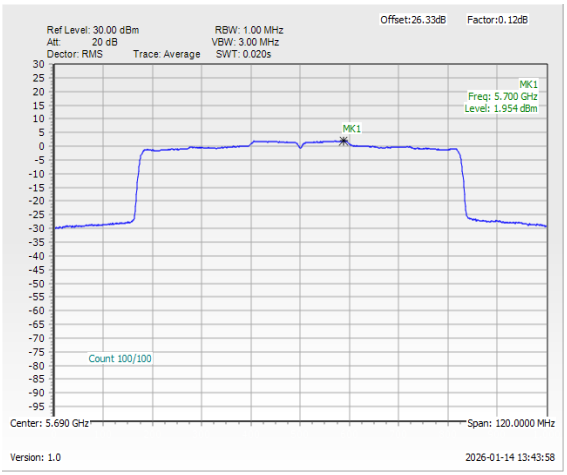
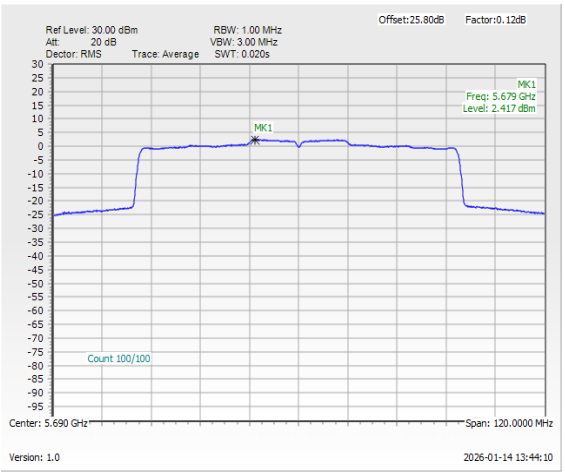
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

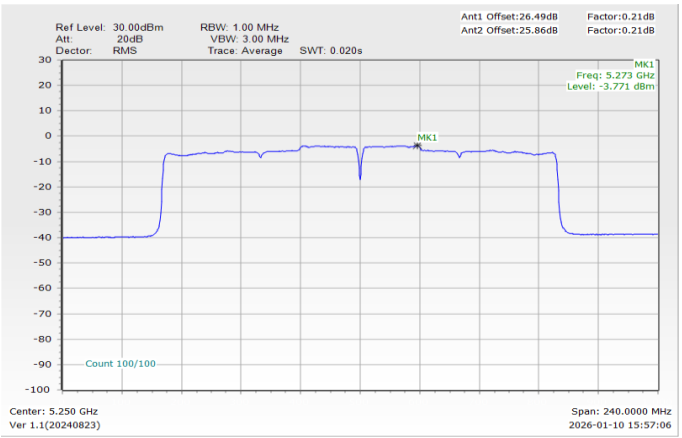
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)


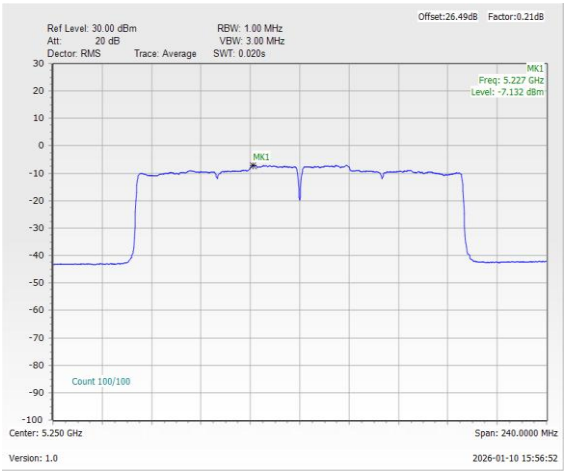
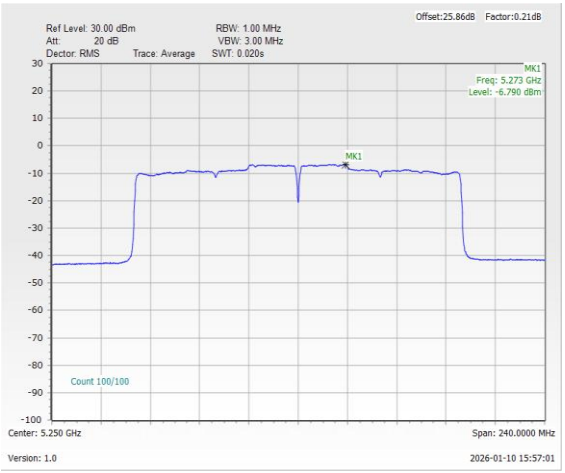
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

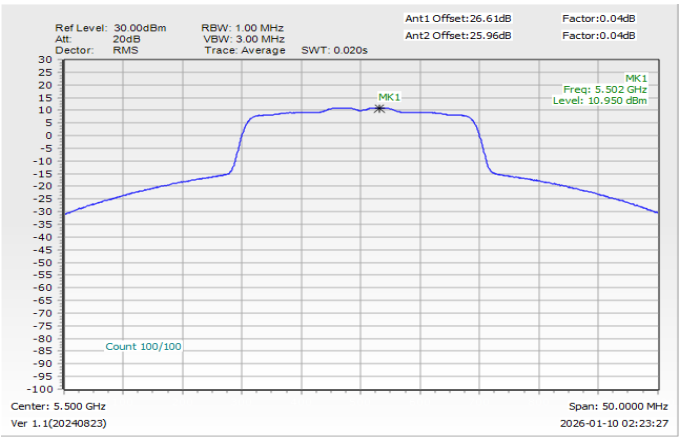
<802.11ax HE160>

Maximum Power Density Plot (dBm/MHz)


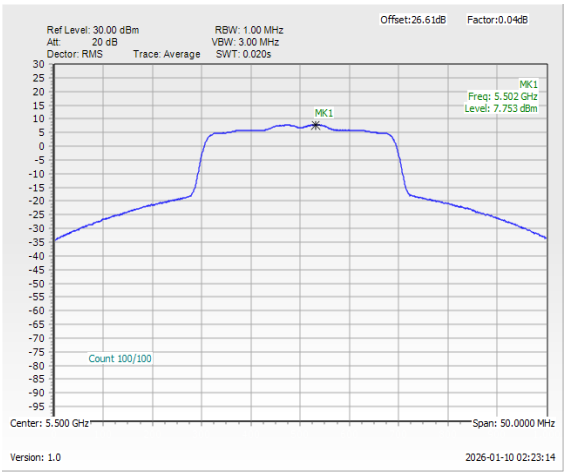
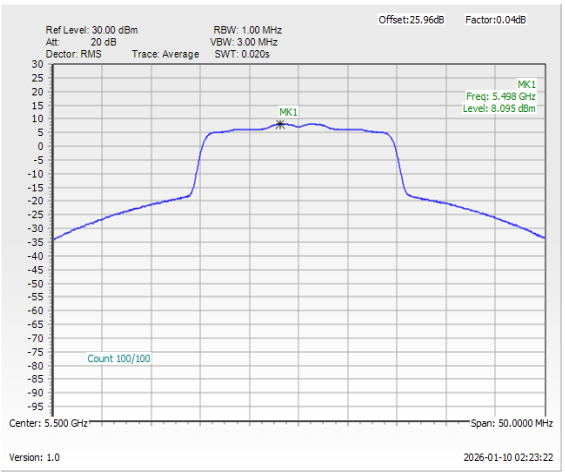
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

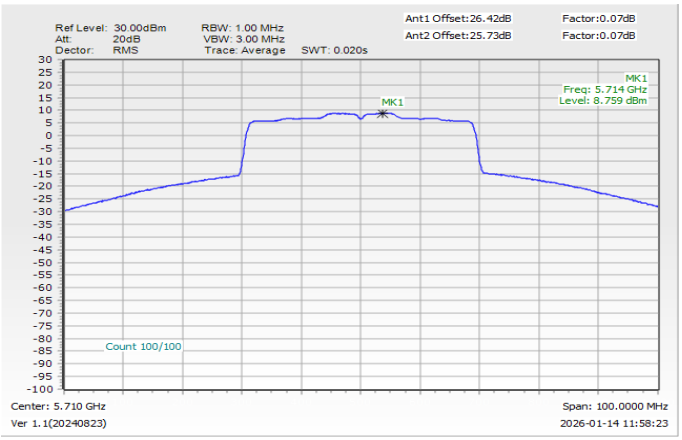
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)


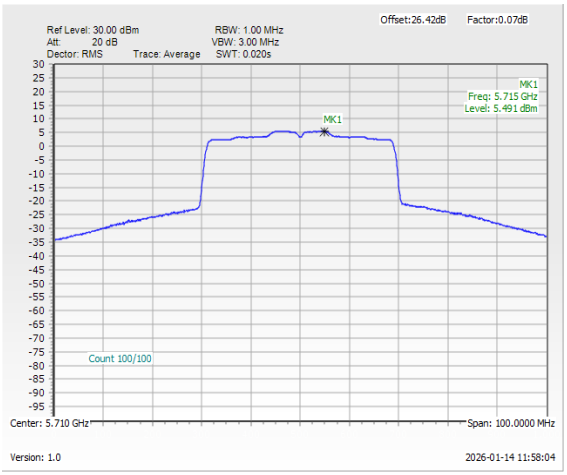
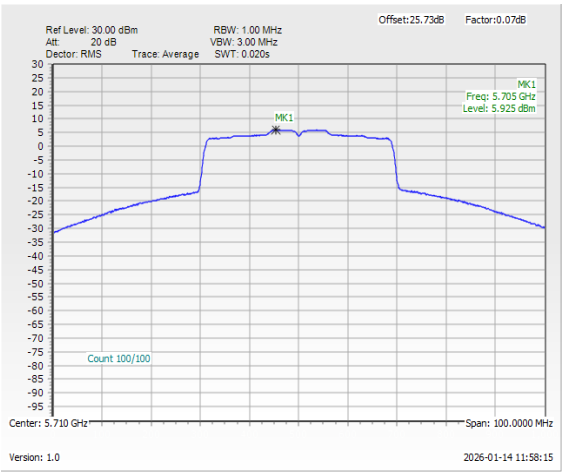
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

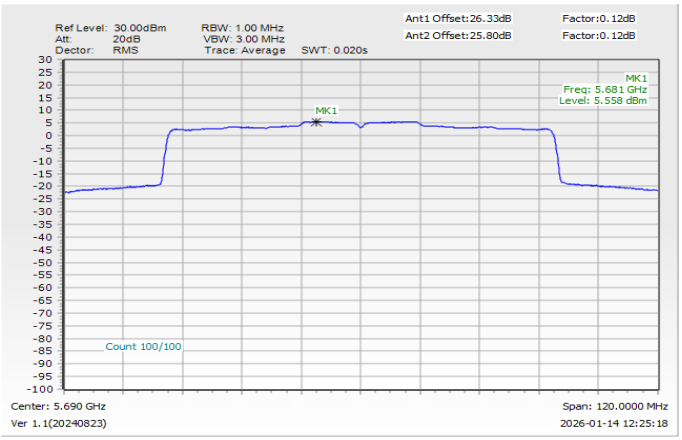
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)


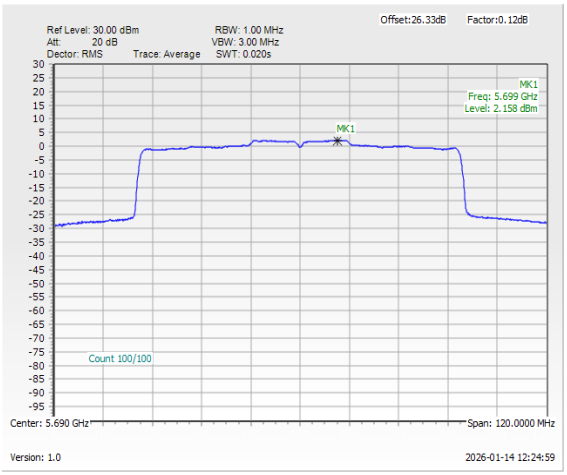
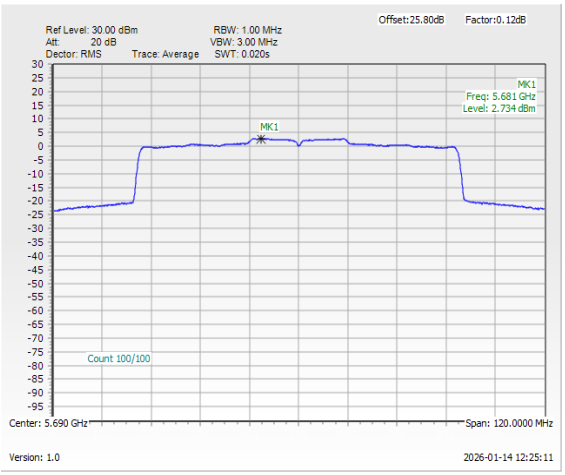
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

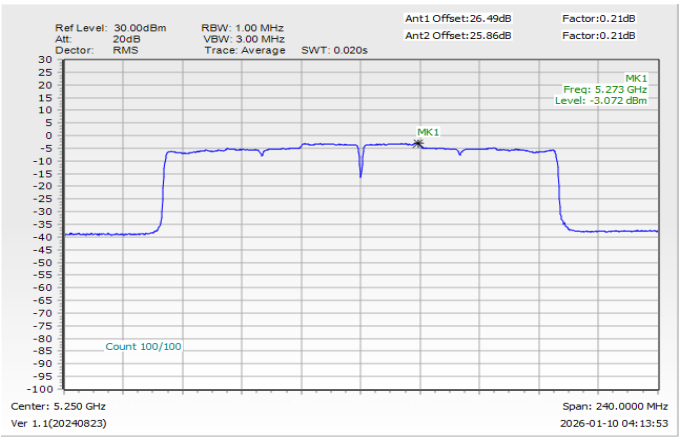
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)


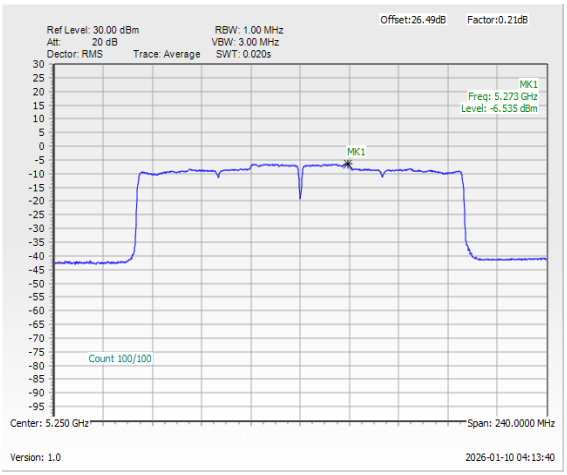
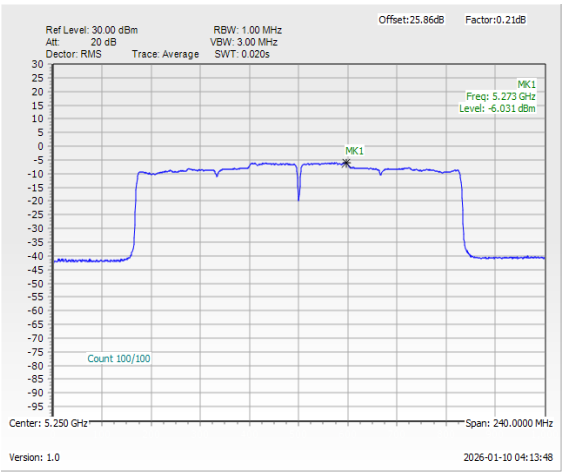
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)


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

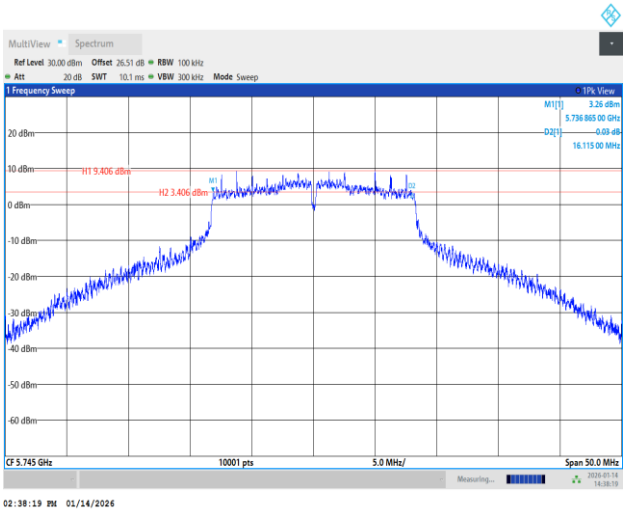
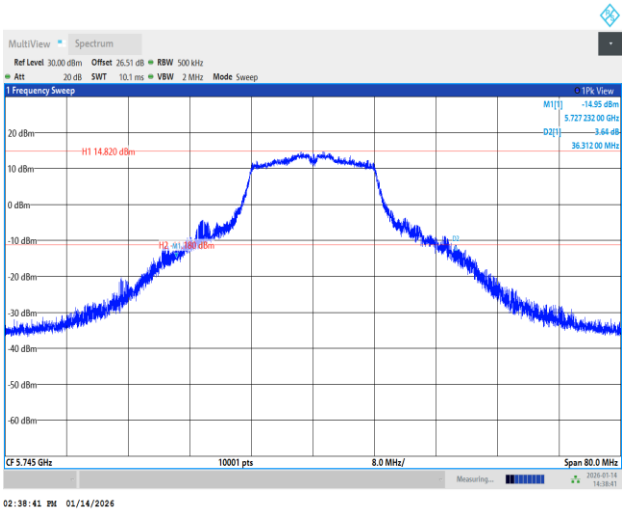
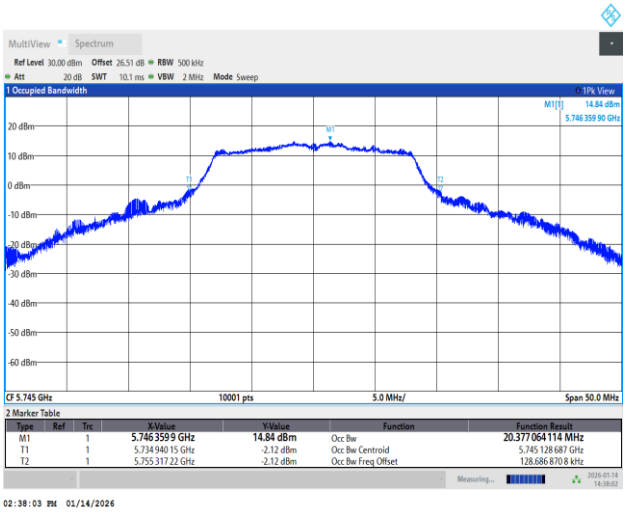
Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<For Band 4>

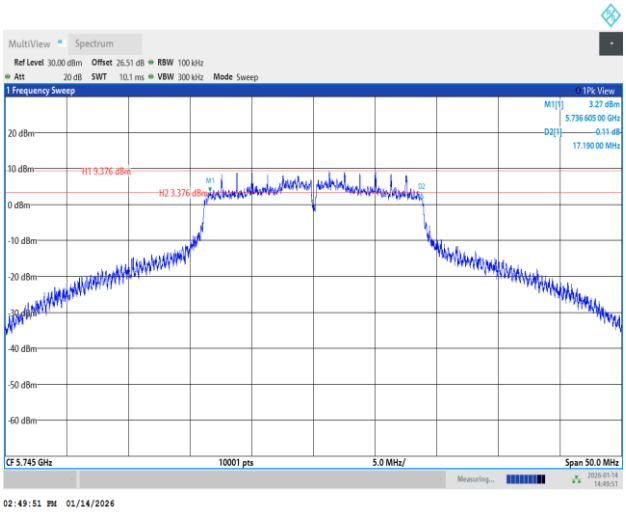
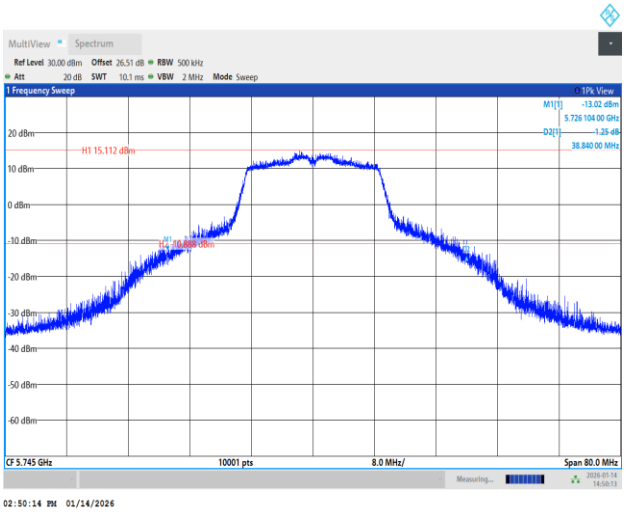
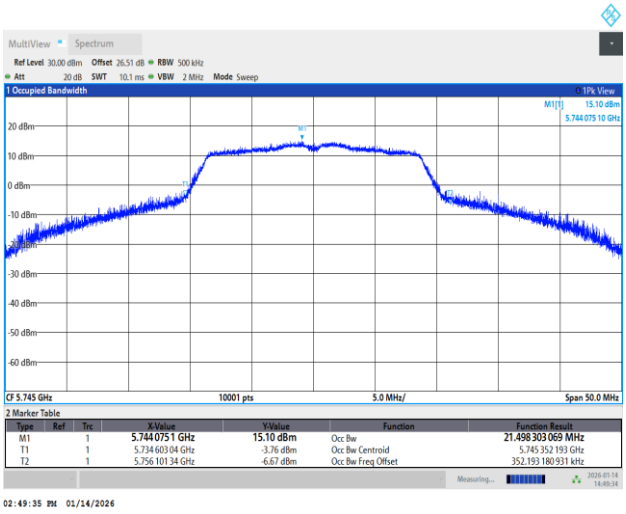
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 3+4>

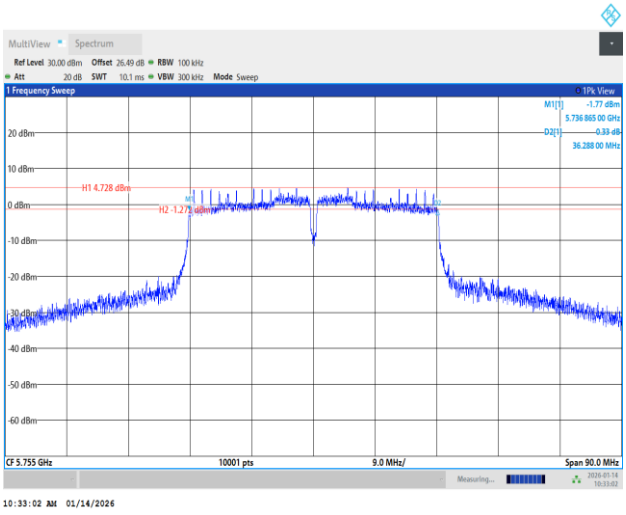
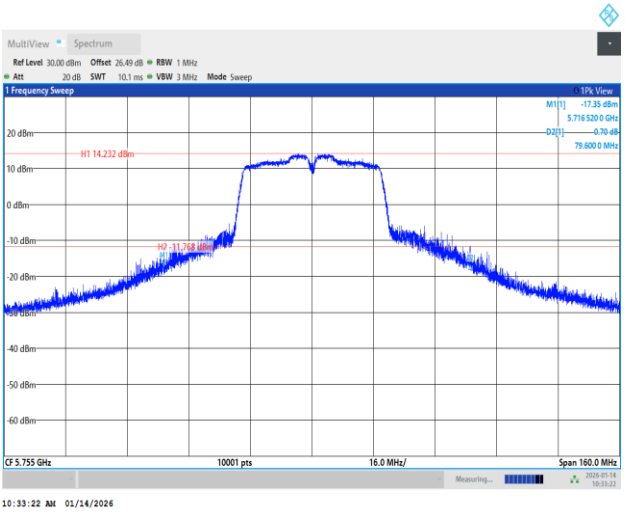
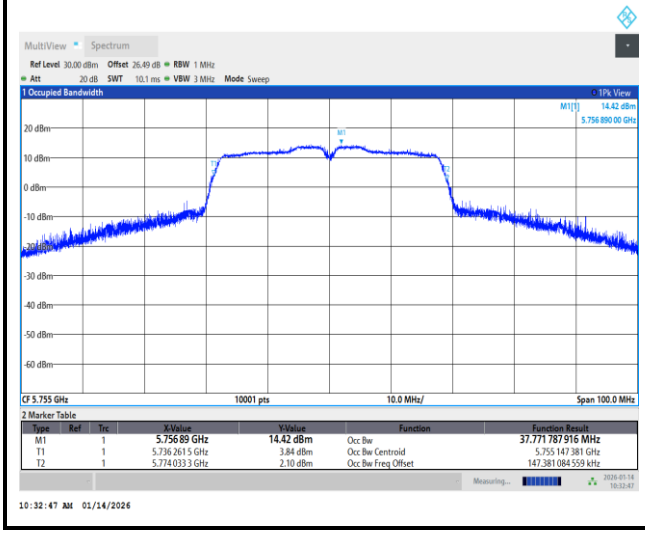
<802.11a>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

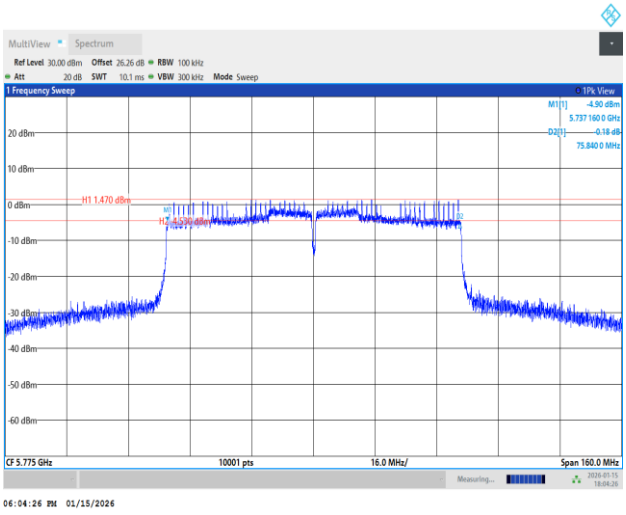
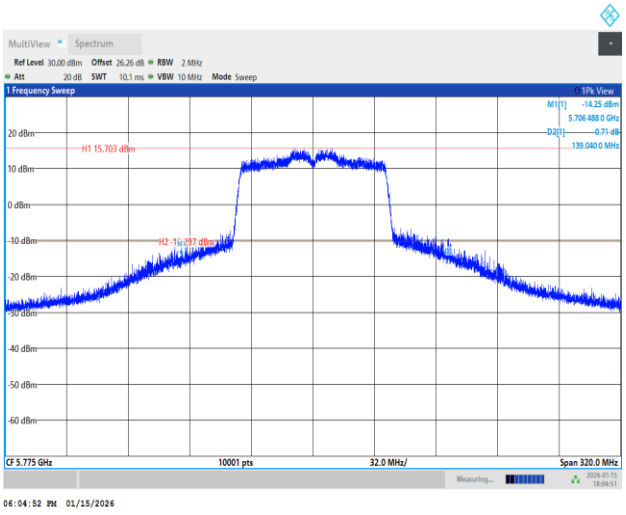
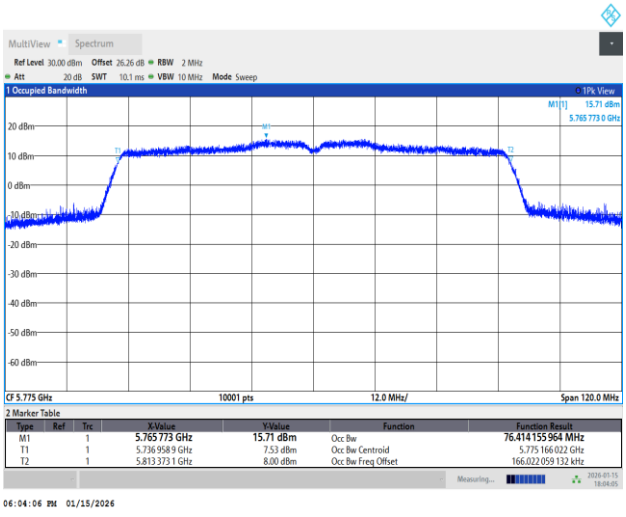
<802.11n HT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

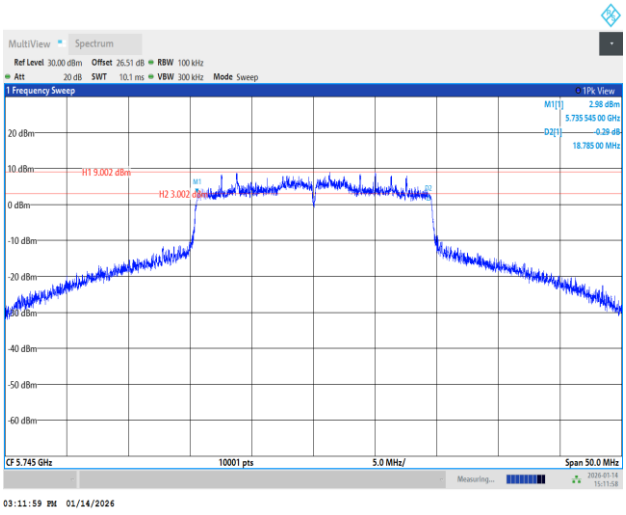
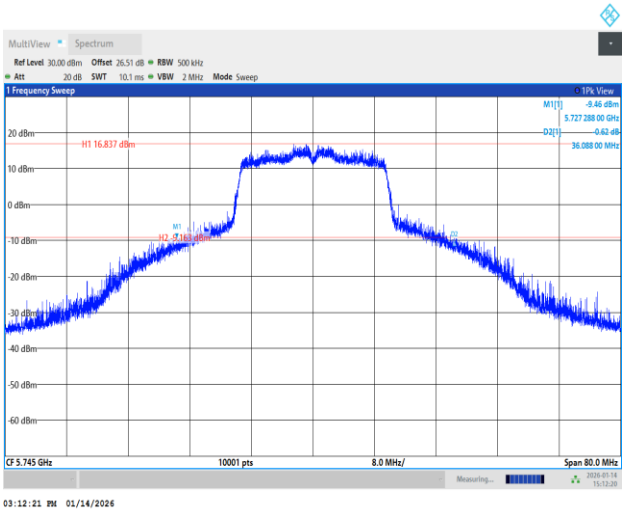
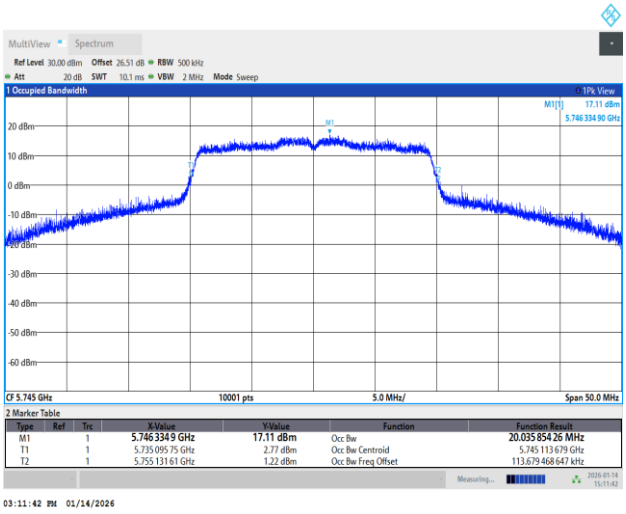
<802.11n HT40>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

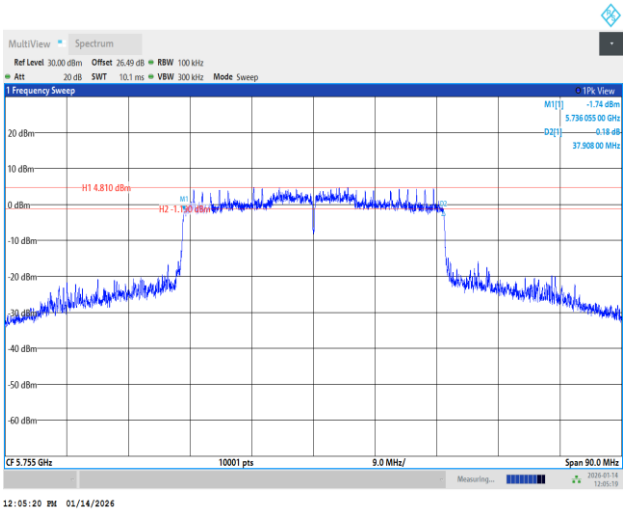
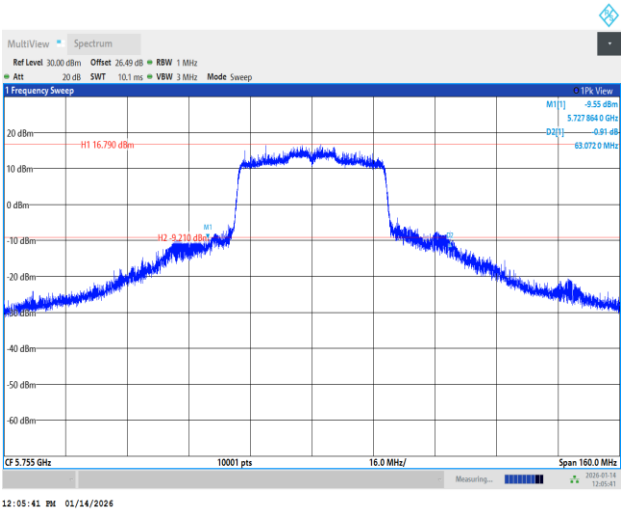
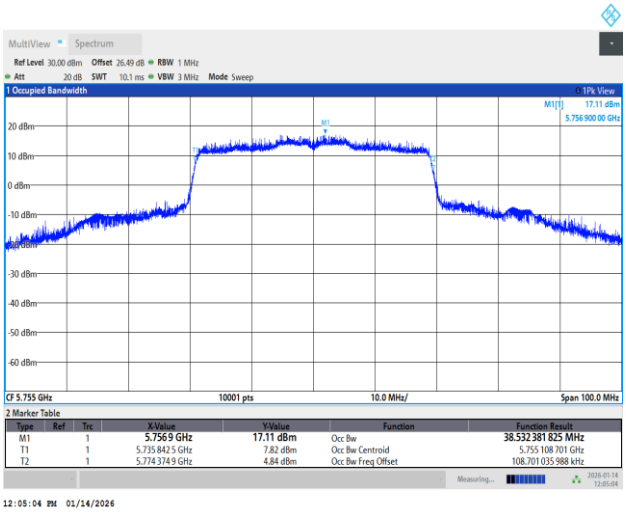
<802.11ac VHT80>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

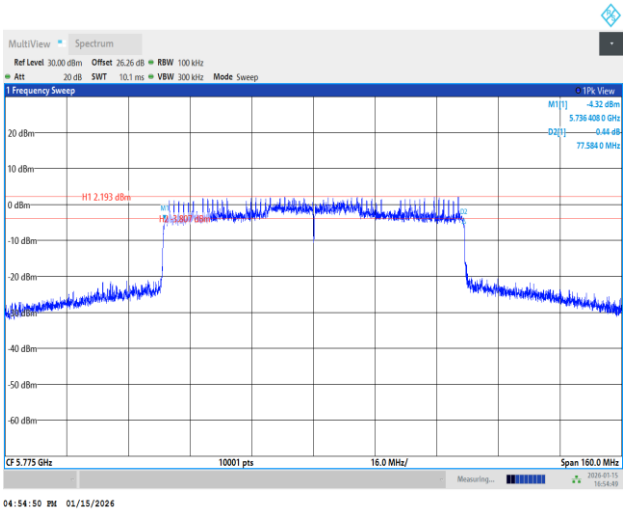
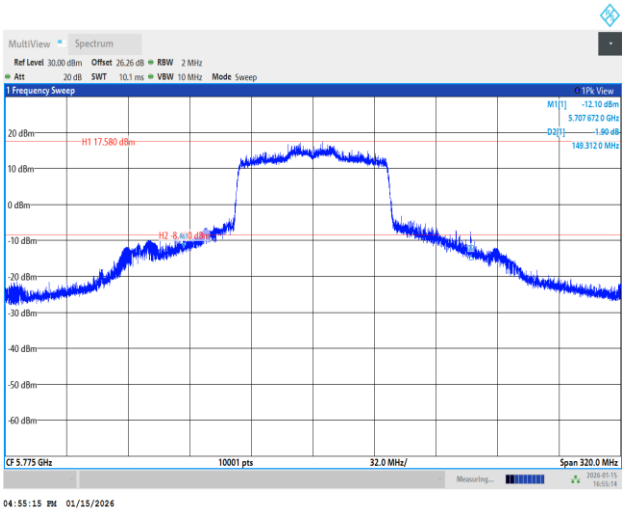
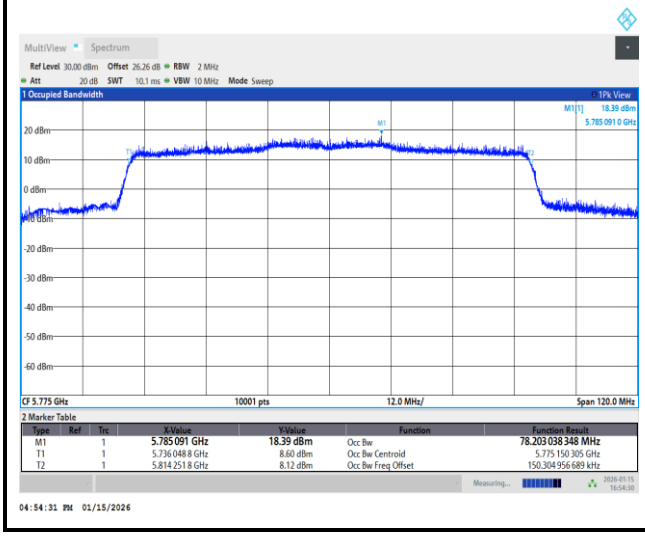
<802.11be EHT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11be EHT40>

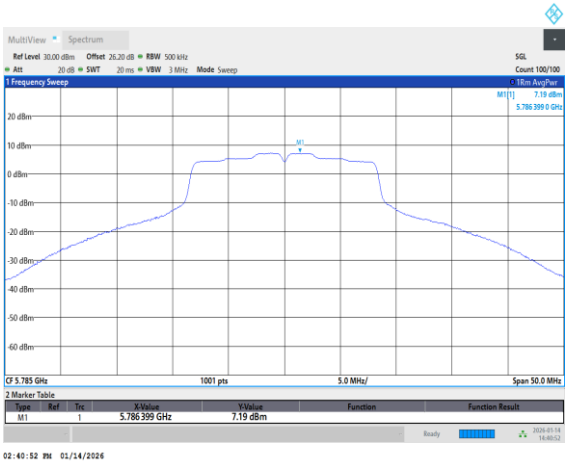
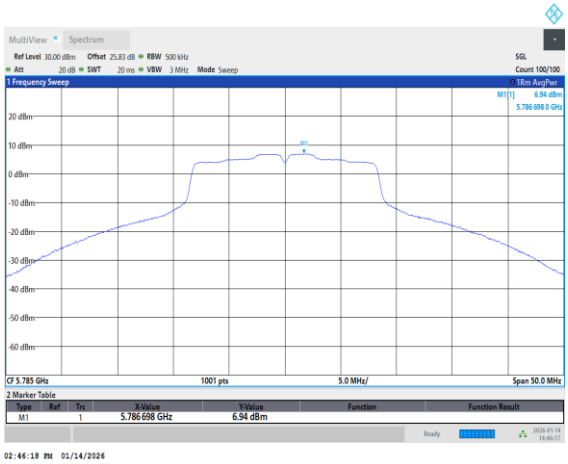
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11be EHT80>

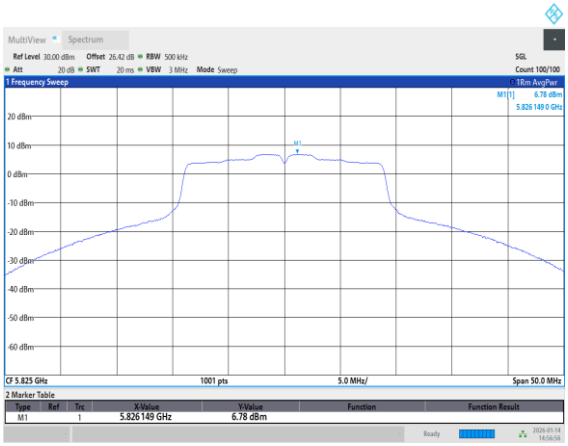
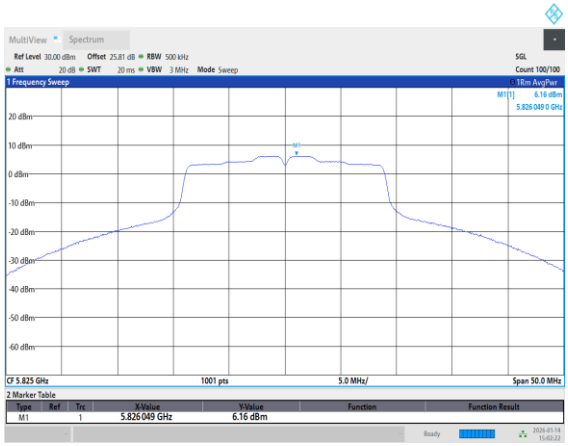
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

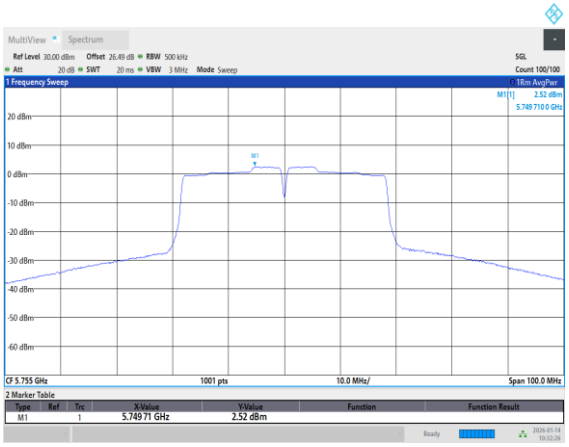
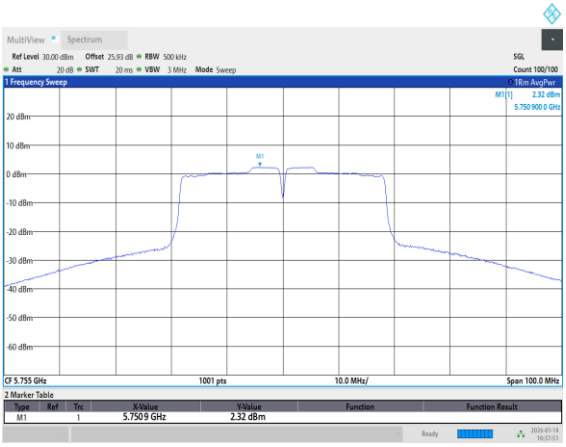
<802.11a>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	**Ant. 4**
	

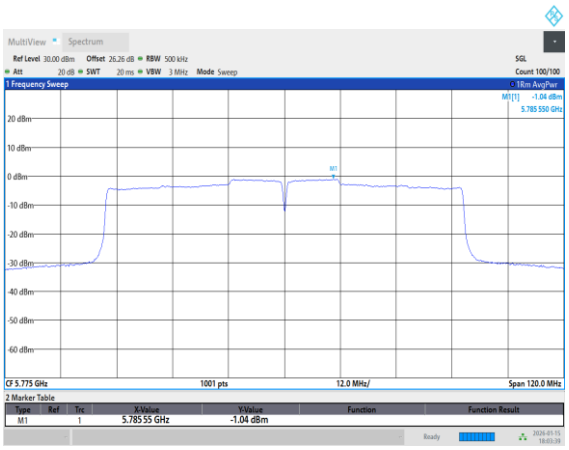
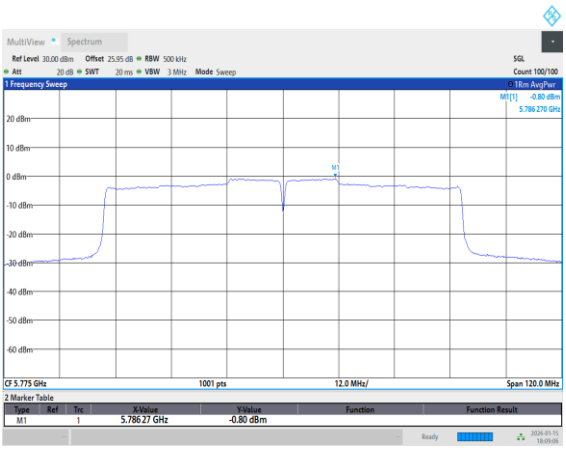
<802.11n HT20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	**Ant. 4**
	

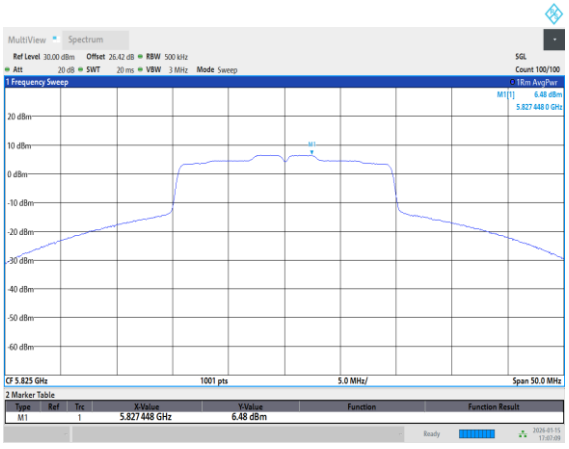
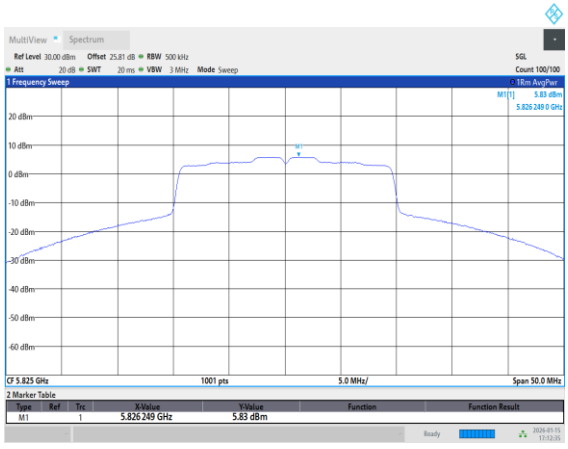
<802.11n HT40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

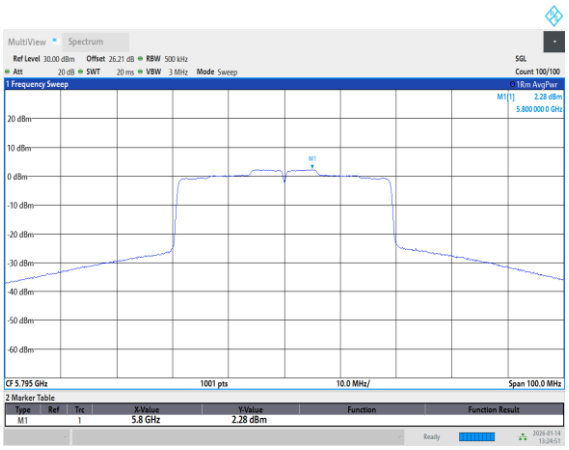
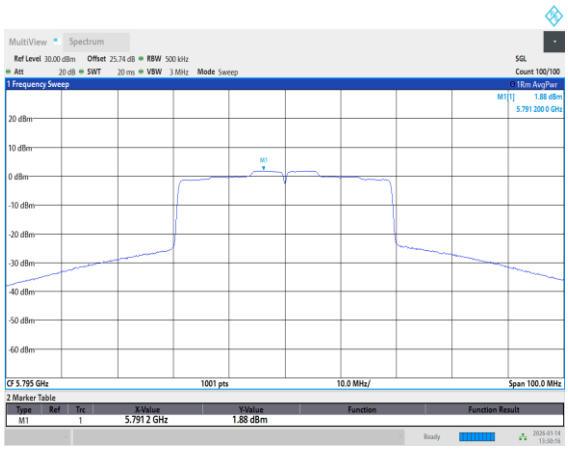
<802.11ac VHT80>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

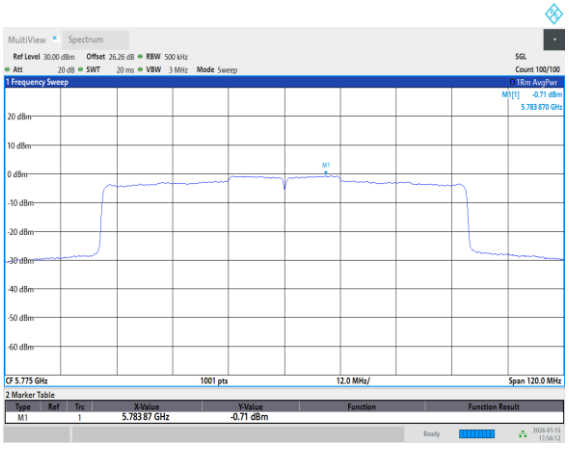
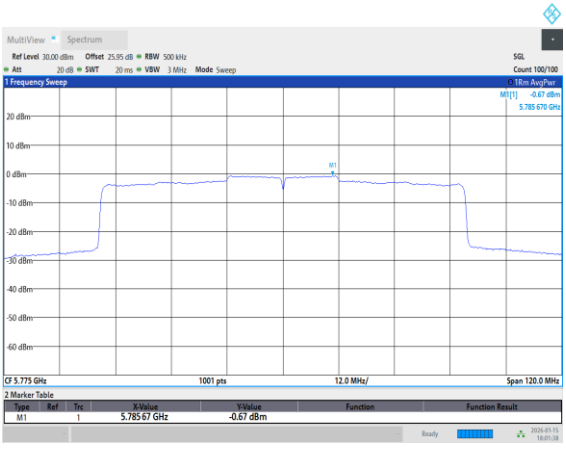
<802.11ax HE20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

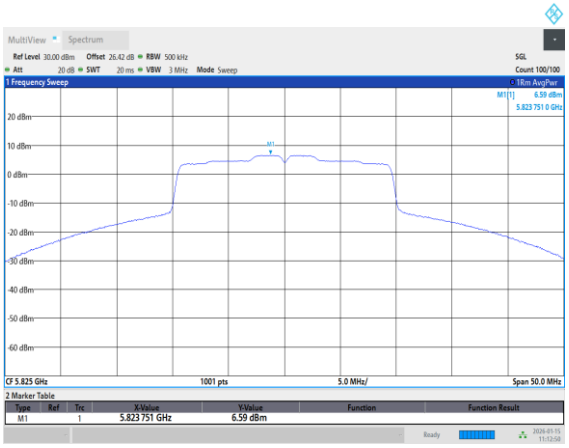
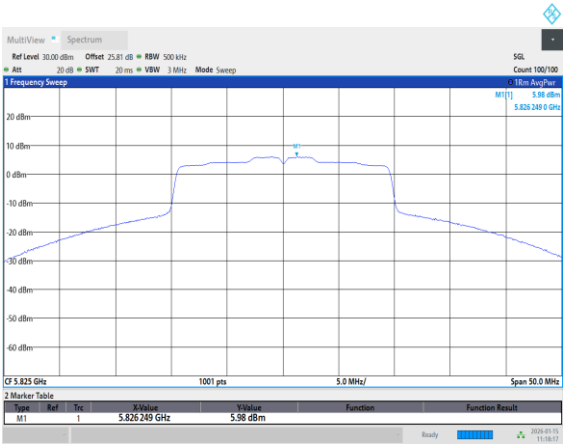
<802.11ax HE40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

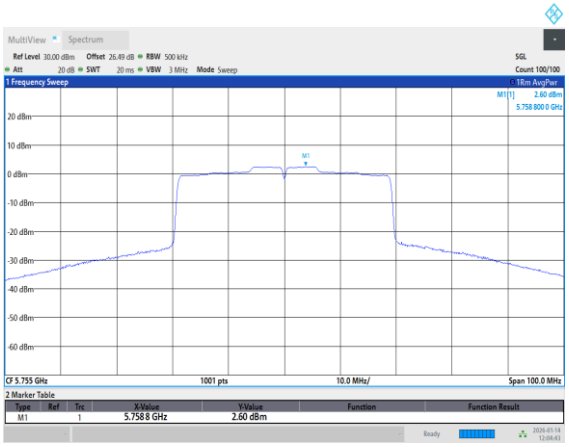
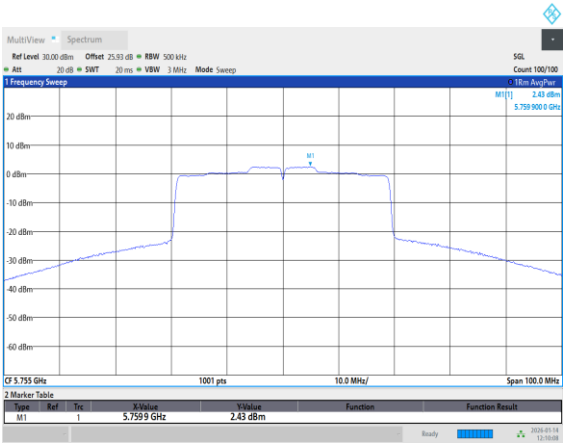
<802.11ax HE80>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

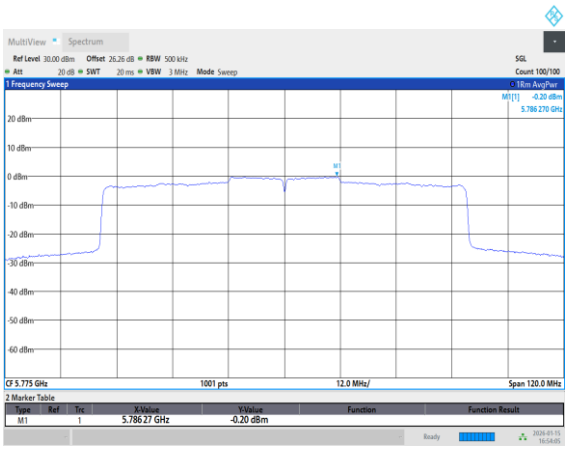
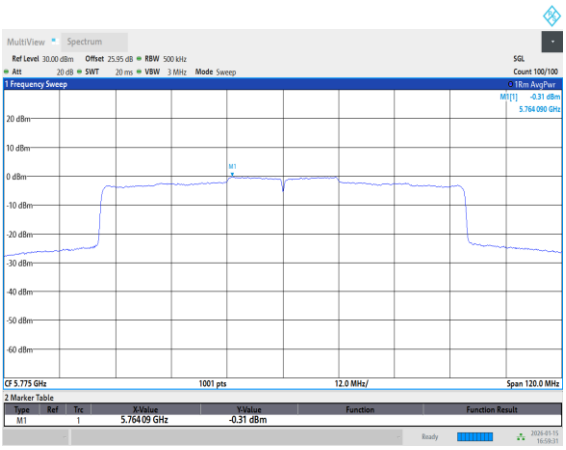
<802.11be EHT20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

<802.11be EHT80>

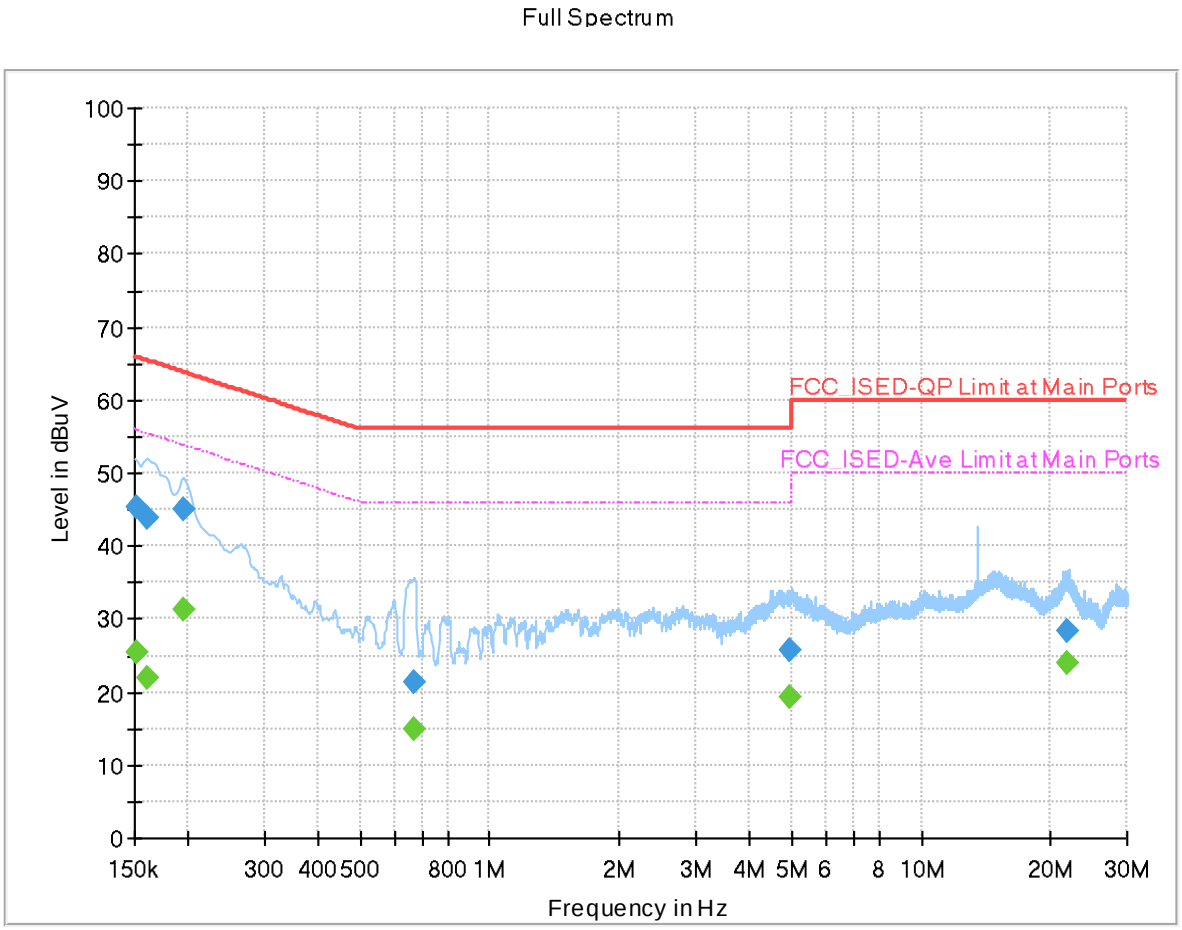
Maximum Power Density Plot (dBm/500kHz)	
Ant. 3	Ant. 4
	

Appendix B. AC Conducted Emission Test Results

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

EUT Information

Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

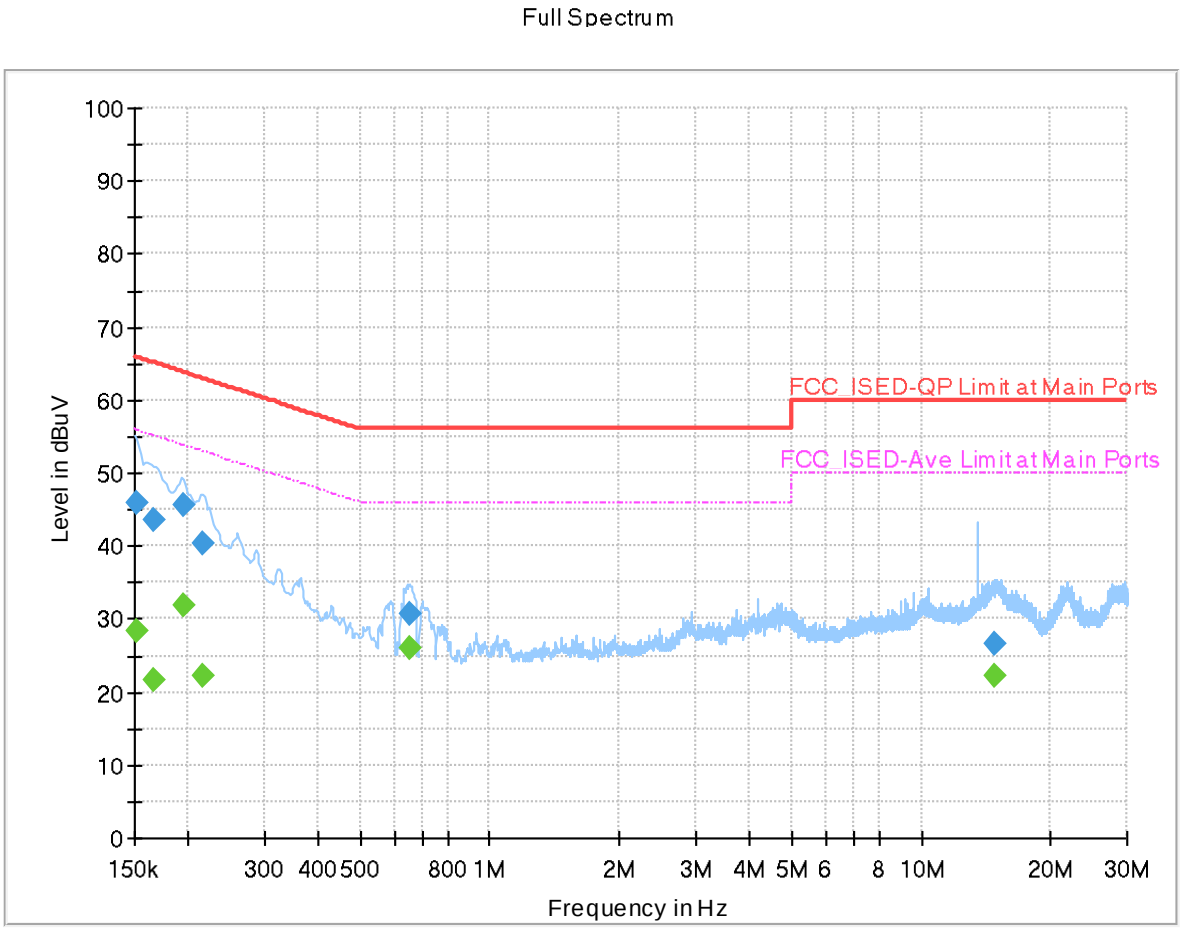


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	25.49	55.88	30.39	L1	ON	20.1
0.152250	45.35	---	65.88	20.53	L1	ON	20.1
0.161250	---	22.08	55.40	33.32	L1	ON	20.1
0.161250	44.00	---	65.40	21.40	L1	ON	20.1
0.195000	---	31.20	53.82	22.62	L1	ON	20.1
0.195000	45.16	---	63.82	18.66	L1	ON	20.1
0.665250	---	14.82	46.00	31.18	L1	ON	20.0
0.665250	21.46	---	56.00	34.54	L1	ON	20.0
4.949250	---	19.21	46.00	26.79	L1	ON	20.2
4.949250	25.62	---	56.00	30.38	L1	ON	20.2
21.718500	---	23.88	50.00	26.12	L1	ON	20.9
21.718500	28.30	---	60.00	31.70	L1	ON	20.9

EUT Information

Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.46	55.88	27.42	N	ON	20.1
0.152250	46.03	---	65.88	19.85	N	ON	20.1
0.165750	---	21.78	55.17	33.39	N	ON	20.1
0.165750	43.43	---	65.17	21.74	N	ON	20.1
0.195000	---	31.74	53.82	22.08	N	ON	20.1
0.195000	45.54	---	63.82	18.28	N	ON	20.1
0.215250	---	22.21	53.00	30.79	N	ON	20.1
0.215250	40.24	---	63.00	22.76	N	ON	20.1
0.649500	---	26.11	46.00	19.89	N	ON	20.0
0.649500	30.70	---	56.00	25.30	N	ON	20.0
14.824500	---	22.09	50.00	27.91	N	ON	20.6
14.824500	26.71	---	60.00	33.29	N	ON	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Fu Chen, Troye Hsieh	**Temperature :**	18.9~21.9°C
		Relative Humidity :	50.1~65.9%

Note symbol

-L	**Low channel location**
-R	**High channel location**

<For Band 1-3>

C1.1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	3+4	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	3+4	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	3+4	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	3+4	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	3+4	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	3+4	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	3+4	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	3+4	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	3+4	802.11ac VHT80	42	5210	MCS0	-	-
Mode 28	U-NII-1	5.15-5.25	3+4	802.11ac VHT160	50	5250	MCS0	-	-
Mode 10	U-NII-1	5.15-5.25	3+4	802.11be EHT20	36	5180	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 11	U-NII-1	5.15-5.25	3+4	802.11be EHT20	36	5180	MCS0	Partial RU 26/0	-
Mode 12	U-NII-1	5.15-5.25	3+4	802.11be EHT20	36	5180	MCS0	Partial RU 52/37	-
Mode 13	U-NII-1	5.15-5.25	3+4	802.11be EHT20	36	5180	MCS0	Partial RU 106/53	-
Mode 14	U-NII-1	5.15-5.25	3+4	802.11be EHT20	44	5220	MCS0	Full RU	-
Mode 15	U-NII-1	5.15-5.25	3+4	802.11be EHT20	48	5240	MCS0	Full RU	-
Mode 16	U-NII-1	5.15-5.25	3+4	802.11be EHT40	38	5190	MCS0	Full RU	-
Mode 17	U-NII-1	5.15-5.25	3+4	802.11be EHT40	46	5230	MCS0	Full RU	-
Mode 18	U-NII-1	5.15-5.25	3+4	802.11be EHT80	42	5210	MCS0	Full RU	-
Mode 38	U-NII-1	5.15-5.25	3+4	802.11be EHT160	50	5250	MCS0	Full RU	-
Mode 19	U-NII-2A	5.25-5.35	3+4	802.11a	52	5260	6Mbps	-	-
Mode 20	U-NII-2A	5.25-5.35	3+4	802.11a	60	5300	6Mbps	-	-
Mode 21	U-NII-2A	5.25-5.35	3+4	802.11a	64	5320	6Mbps	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 22	U-NII-2A	5.25-5.35	3+4	802.11n HT20	52	5260	MCS0	-	-
Mode 23	U-NII-2A	5.25-5.35	3+4	802.11n HT20	60	5300	MCS0	-	-
Mode 24	U-NII-2A	5.25-5.35	3+4	802.11n HT20	64	5320	MCS0	-	-
Mode 25	U-NII-2A	5.25-5.35	3+4	802.11n HT40	54	5270	MCS0	-	-
Mode 26	U-NII-2A	5.25-5.35	3+4	802.11n HT40	62	5310	MCS0	-	-
Mode 27	U-NII-2A	5.25-5.35	3+4	802.11ac VHT80	58	5290	MCS0	-	-
Mode 29	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	52	5260	MCS0	Full RU	-
Mode 30	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	60	5300	MCS0	Full RU	-
Mode 31	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	64	5320	MCS0	Full RU	-
Mode 32	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	64	5320	MCS0	Partial RU 26/8	-
Mode 33	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	64	5320	MCS0	Partial RU 52/40	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-2A	5.25-5.35	3+4	802.11be EHT20	64	5320	MCS0	Partial RU 106/54	-
Mode 35	U-NII-2A	5.25-5.35	3+4	802.11be EHT40	54	5270	MCS0	Full RU	-
Mode 36	U-NII-2A	5.25-5.35	3+4	802.11be EHT40	62	5310	MCS0	Full RU	-
Mode 37	U-NII-2A	5.25-5.35	3+4	802.11be EHT80	58	5290	MCS0	Full RU	-
Mode 39	U-NII-2C	5.47-5.725	3+4	802.11a	100	5500	6Mbps	-	-
Mode 40	U-NII-2C	5.47-5.725	3+4	802.11a	116	5580	6Mbps	-	-
Mode 41	U-NII-2C	5.47-5.725	3+4	802.11a	140	5700	6Mbps	-	-
Mode 42	U-NII-2C	5.47-5.725	3+4	802.11n HT20	100	5500	MCS0	-	-
Mode 43	U-NII-2C	5.47-5.725	3+4	802.11n HT20	116	5580	MCS0	-	-
Mode 44	U-NII-2C	5.47-5.725	3+4	802.11n HT20	140	5700	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2C	5.47-5.725	3+4	802.11n HT40	102	5510	MCS0	-	-
Mode 46	U-NII-2C	5.47-5.725	3+4	802.11n HT40	110	5550	MCS0	-	-
Mode 47	U-NII-2C	5.47-5.725	3+4	802.11n HT40	134	5670	MCS0	-	-
Mode 48	U-NII-2C	5.47-5.725	3+4	802.11ac VHT80	106	5530	MCS0	-	-
Mode 49	U-NII-2C	5.47-5.725	3+4	802.11ac VHT80	122	5610	MCS0	-	-
Mode 50	U-NII-2C	5.47-5.725	3+4	802.11ac VHT160	114	5570	MCS0	-	-
Mode 51	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	100	5500	MCS0	Full RU	-
Mode 52	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	100	5500	MCS0	Partial RU 26/0	-
Mode 53	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	100	5500	MCS0	Partial RU 52/37	-
Mode 54	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	100	5500	MCS0	Partial RU 106/53	-
Mode 55	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	116	5580	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 56	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	140	5700	MCS0	Full RU	-
Mode 57	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	140	5700	MCS0	Partial RU 26/8	-
Mode 58	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	140	5700	MCS0	Partial RU 52/40	-
Mode 59	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	140	5700	MCS0	Partial RU 106/54	-
Mode 60	U-NII-2C	5.47-5.725	3+4	802.11be EHT40	102	5510	MCS0	Full RU	-
Mode 61	U-NII-2C	5.47-5.725	3+4	802.11be EHT40	110	5550	MCS0	Full RU	-
Mode 62	U-NII-2C	5.47-5.725	3+4	802.11be EHT40	134	5670	MCS0	Full RU	-
Mode 63	U-NII-2C	5.47-5.725	3+4	802.11be EHT80	106	5530	MCS0	Full RU	-
Mode 64	U-NII-2C	5.47-5.725	3+4	802.11be EHT80	122	5610	MCS0	Full RU	-
Mode 65	U-NII-2C	5.47-5.725	3+4	802.11be EHT160	114	5570	MCS0	Full RU	-
Mode 66	U-NII-2C	5.47-5.725	3+4	802.11a	144	5720	6Mbps	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 67	U-NII-2C	5.47-5.725	3+4	802.11n HT20	144	5720	6Mbps	-	-
Mode 68	U-NII-2C	5.47-5.725	3+4	802.11n HT40	142	5710	MCS0	-	-
Mode 69	U-NII-2C	5.47-5.725	3+4	802.11ac VHT80	138	5690	MCS0	-	-
Mode 70	U-NII-2C	5.47-5.725	3+4	802.11be EHT20	144	5720	MCS0	Full RU	-
Mode 71	U-NII-2C	5.47-5.725	3+4	802.11be EHT40	142	5710	MCS0	Full RU	-
Mode 72	U-NII-2C	5.47-5.725	3+4	802.11be EHT80	138	5690	MCS0	Full RU	-
Mode 73	U-NII-2C	5.47-5.725	3+4	802.11ac VHT160	114	5570	MCS0	-	SHF
Mode 74	U-NII-2C	5.47-5.725	3+4	802.11ac VHT160	114	5570	MCS0	-	LF

C1.2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.94	52.47	54.00	-1.53	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	37.92	54.00	-16.08	V	Avg.	Pass	-	Harmonic
2	802.11a	44	5149.60	42.55	54.00	-11.45	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	36.30	54.00	-17.70	V	Avg.	Pass	-	Harmonic
3	802.11a	48	5149.04	41.95	54.00	-12.05	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	37.85	54.00	-16.15	V	Avg.	Pass	-	Harmonic
4	802.11n HT20	36	5149.94	51.07	54.00	-2.93	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	15540.00	37.93	54.00	-16.07	H	Avg.	Pass	-	Harmonic
5	802.11n HT20	44	5148.06	42.80	54.00	-11.20	H	Avg.	Pass	-	Band Edge
	802.11n HT20	44	15660.00	37.69	54.00	-16.31	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11n HT20	48	5149.52	42.53	54.00	-11.47	H	Avg.	Pass	-	Band Edge
	802.11n HT20	48	15720.00	37.80	54.00	-16.20	V	Avg.	Pass	-	Harmonic
7	802.11n HT40	38	5149.72	50.91	54.00	-3.09	H	Avg.	Pass	-	Band Edge
	802.11n HT40	38	15570.00	37.65	54.00	-16.35	H	Avg.	Pass	-	Harmonic
8	802.11n HT40	46	5149.96	49.37	54.00	-4.63	H	Avg.	Pass	-	Band Edge
	802.11n HT40	46	15690.00	37.54	54.00	-16.46	H	Avg.	Pass	-	Harmonic
9	802.11ac VHT80	42	5149.52	51.80	54.00	-2.20	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	37.60	54.00	-16.40	H	Avg.	Pass	-	Harmonic
28	802.11ac VHT160	50	5383.77	50.75	54.00	-3.25	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	50	15750.00	37.77	54.00	-16.23	V	Avg.	Pass	-	Harmonic
10	802.11be EHT20	36	5149.76	51.81	54.00	-2.19	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	36	15540.00	37.48	54.00	-16.52	H	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
11	802.11be EHT20	36	5137.70	51.19	54.00	-2.81	H	Avg.	Pass	Partial RU 26/0	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	Partial RU 26/0	Harmonic
12	802.11be EHT20	36	5142.56	52.07	54.00	-1.93	H	Avg.	Pass	Partial RU 52/37	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	Partial RU 52/37	Harmonic
13	802.11be EHT20	36	5149.94	49.35	54.00	-4.65	H	Avg.	Pass	Partial RU 106/53	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	Partial RU 106/53	Harmonic
14	802.11be EHT20	44	5148.94	42.53	54.00	-11.47	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	44	15660.00	37.23	54.00	-16.77	H	Avg.	Pass	Full RU	Harmonic
15	802.11be EHT20	48	5148.80	41.93	54.00	-12.07	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	48	15720.00	37.85	54.00	-16.15	H	Avg.	Pass	Full RU	Harmonic
16	802.11be EHT40	38	5148.39	50.82	54.00	-3.18	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	38	15570.00	37.42	54.00	-16.58	H	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11be EHT40	46	5148.81	51.96	54.00	-2.04	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	46	15690.00	37.22	54.00	-16.78	H	Avg.	Pass	Full RU	Harmonic
18	802.11be EHT80	42	5146.79	51.36	54.00	-2.64	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	42	15630.00	37.74	54.00	-16.26	V	Avg.	Pass	Full RU	Harmonic
38	802.11be EHT160	50	5136.75	51.81	54.00	-2.19	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	50	15750.00	37.78	54.00	-16.22	H	Avg.	Pass	Full RU	Harmonic
19	802.11a	52	5147.16	41.43	54.00	-12.57	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	38.09	54.00	-15.91	V	Avg.	Pass	-	Harmonic
20	802.11a	60	5350.08	48.85	54.00	-5.15	H	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	37.08	54.00	-16.92	H	Avg.	Pass	-	Harmonic
21	802.11a	64	5351.78	52.16	54.00	-1.84	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	47.87	74.00	-26.13	H	Peak	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
22	802.11n HT20	52	5105.04	41.56	54.00	-12.44	H	Avg.	Pass	-	Band Edge
	802.11n HT20	52	15780.00	38.15	54.00	-15.85	V	Avg.	Pass	-	Harmonic
23	802.11n HT20	60	5350.72	48.36	54.00	-5.64	H	Avg.	Pass	-	Band Edge
	802.11n HT20	60	15900.00	38.10	54.00	-15.90	H	Avg.	Pass	-	Harmonic
24	802.11n HT20	64	5350.10	52.15	54.00	-1.85	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	15960.00	37.70	54.00	-16.30	V	Avg.	Pass	-	Harmonic
25	802.11n HT40	54	5350.37	50.68	54.00	-3.32	H	Avg.	Pass	-	Band Edge
	802.11n HT40	54	15810.00	37.82	54.00	-16.18	V	Avg.	Pass	-	Harmonic
26	802.11n HT40	62	5350.35	51.28	54.00	-2.72	H	Avg.	Pass	-	Band Edge
	802.11n HT40	62	15930.00	37.49	54.00	-16.51	H	Avg.	Pass	-	Harmonic
27	802.11ac VHT80	58	5357.66	50.69	54.00	-3.31	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	15870.00	37.51	54.00	-16.49	H	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
29	802.11be EHT20	52	5145.08	41.90	54.00	-12.10	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	52	15780.00	37.79	54.00	-16.21	H	Avg.	Pass	Full RU	Harmonic
30	802.11be EHT20	60	5350.40	52.08	54.00	-1.92	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	60	15900.00	37.37	54.00	-16.63	V	Avg.	Pass	Full RU	Harmonic
31	802.11be EHT20	64	5350.66	51.95	54.00	-2.05	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	64	15960.00	37.58	54.00	-16.42	H	Avg.	Pass	Full RU	Harmonic
32	802.11be EHT20	64	5362.98	51.02	54.00	-2.98	H	Avg.	Pass	Partial RU 26/8	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	Partial RU 26/8	Harmonic
33	802.11be EHT20	64	5356.40	52.36	54.00	-1.64	H	Avg.	Pass	Partial RU 52/40	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	Partial RU 52/40	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	802.11be EHT20	64	5350.66	51.98	54.00	-2.02	H	Avg.	Pass	Partial RU 106/54	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	Partial RU 106/54	Harmonic
35	802.11be EHT40	54	5350.75	52.20	54.00	-1.80	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	54	15810.00	37.83	54.00	-16.17	V	Avg.	Pass	Full RU	Harmonic
36	802.11be EHT40	62	5351.70	51.74	54.00	-2.26	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	62	15930.00	37.45	54.00	-16.55	H	Avg.	Pass	Full RU	Harmonic
37	802.11be EHT80	58	5351.88	51.65	54.00	-2.35	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	58	15870.00	37.92	54.00	-16.08	H	Avg.	Pass	Full RU	Harmonic
39	802.11a	100	5470.00	63.56	68.20	-4.64	H	Peak	Pass	-	Band Edge
	802.11a	100	16500.00	50.13	68.20	-18.07	H	Peak	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
40	802.11a	116	5459.25	40.23	54.00	-13.77	H	Avg.	Pass	-	Band Edge
	802.11a	116	16740.00	49.86	68.20	-18.34	V	Peak	Pass	-	Harmonic
41	802.11a	140	5728.67	66.31	68.20	-1.89	V	Peak	Pass	-	Band Edge
	802.11a	140	17100.00	48.94	68.20	-19.26	V	Peak	Pass	-	Harmonic
42	802.11n HT20	100	5468.35	64.71	68.20	-3.49	H	Peak	Pass	-	Band Edge
	802.11n HT20	100	16500.00	49.74	68.20	-18.46	V	Peak	Pass	-	Harmonic
43	802.11n HT20	116	5458.33	41.09	54.00	-12.91	H	Avg.	Pass	-	Band Edge
	802.11n HT20	116	16740.00	49.16	68.20	-19.04	H	Peak	Pass	-	Harmonic
44	802.11n HT20	140	5725.16	65.03	68.20	-3.17	H	Peak	Pass	-	Band Edge
	802.11n HT20	140	17100.00	48.45	68.20	-19.75	V	Peak	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
45	802.11n HT40	102	5465.68	63.02	68.20	-5.18	H	Peak	Pass	-	Band Edge
	802.11n HT40	102	16530.00	50.96	68.20	-17.24	H	Peak	Pass	-	Harmonic
46	802.11n HT40	110	5459.00	52.38	54.00	-1.62	H	Avg.	Pass	-	Band Edge
	802.11n HT40	110	16650.00	49.68	68.20	-18.52	H	Peak	Pass	-	Harmonic
47	802.11n HT40	134	5726.24	65.47	68.20	-2.73	V	Peak	Pass	-	Band Edge
	802.11n HT40	134	17010.00	49.53	68.20	-18.67	H	Peak	Pass	-	Harmonic
48	802.11ac VHT80	106	5458.54	51.96	54.00	-2.04	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	16590.00	50.44	68.20	-17.76	V	Peak	Pass	-	Harmonic
49	802.11ac VHT80	122	5731.21	65.29	68.20	-2.91	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	122	16830.00	50.08	68.20	-18.12	V	Peak	Pass	-	Harmonic
50	802.11ac VHT160	114	5455.60	53.25	54.00	-0.75	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	114	16710.00	50.28	68.20	-17.92	V	Peak	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
51	802.11be EHT20	100	5469.85	65.33	68.20	-2.87	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	100	16500.00	49.90	68.20	-18.30	H	Peak	Pass	Full RU	Harmonic
52	802.11be EHT20	100	5458.60	49.40	54.00	-4.60	H	Avg.	Pass	Partial RU 26/0	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	Partial RU 26/0	Harmonic
53	802.11be EHT20	100	5466.25	62.55	68.20	-5.65	V	Peak	Pass	Partial RU 52/37	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	Partial RU 52/37	Harmonic
54	802.11be EHT20	100	5468.50	64.37	68.20	-3.83	H	Peak	Pass	Partial RU 106/53	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	Partial RU 106/53	Harmonic
55	802.11be EHT20	116	5459.94	40.79	54.00	-13.21	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	116	11160.00	37.65	54.00	-16.35	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
56	802.11be EHT20	140	5725.42	65.52	68.20	-2.68	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	140	11400.00	37.31	54.00	-16.69	H	Avg.	Pass	Full RU	Harmonic
57	802.11be EHT20	140	5725.42	66.61	68.20	-1.59	H	Peak	Pass	Partial RU 26/8	Band Edge
	802.11be EHT20	140	-	-	-	-	-	-	-	Partial RU 26/8	Harmonic
58	802.11be EHT20	140	5725.16	63.04	68.20	-5.16	H	Peak	Pass	Partial RU 52/40	Band Edge
	802.11be EHT20	140	-	-	-	-	-	-	-	Partial RU 52/40	Harmonic
59	802.11be EHT20	140	5727.89	65.62	68.20	-2.58	H	Peak	Pass	Partial RU 106/54	Band Edge
	802.11be EHT20	140	-	-	-	-	-	-	-	Partial RU 106/54	Harmonic
60	802.11be EHT40	102	5464.24	65.64	68.20	-2.56	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	102	16530.00	51.38	68.20	-16.82	V	Peak	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
61	802.11be EHT40	110	5460.00	51.84	54.00	-2.16	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	110	16650.00	50.19	68.20	-18.01	H	Peak	Pass	Full RU	Harmonic
62	802.11be EHT40	134	5725.01	64.83	68.20	-3.37	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	134	11340.00	37.42	54.00	-16.58	V	Avg.	Pass	Full RU	Harmonic
63	802.11be EHT80	106	5466.82	65.61	68.20	-2.59	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	106	11060.00	37.39	54.00	-16.61	V	Avg.	Pass	Full RU	Harmonic
64	802.11be EHT80	122	5727.18	65.77	68.20	-2.43	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	122	11220.00	37.29	54.00	-16.71	V	Avg.	Pass	Full RU	Harmonic
65	802.11be EHT160	114	5460.88	66.26	68.20	-1.94	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT160	114	11140.00	37.51	54.00	-16.49	V	Avg.	Pass	Full RU	Harmonic