



FCC RADIO TEST REPORT

FCC ID : A4RGR83Y
Equipment : Phone
Model Name : GR83Y
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 22, 2024 and testing was performed from Oct. 03, 2024 to Jan. 14, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR492817	01	Initial issue of report	Apr. 14, 2025
FR492817	02	Revise section 2.2, section 3.1, Appendix A and Appendix B. This report is an updated version, replacing the report issued on Apr. 14, 2025.	Jun. 09, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)(10)	26dB Emission Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)(9)	Fundamental Maximum EIRP	Pass	-
3.3	15.407(a)(9)	Fundamental Power Spectral Density	Pass	-
3.4	15.407(b)(6)	In-Band Emissions (Channel Mask)	Pass	
-	15.407(d)(6)	Contention Based Protocol	Pass	See Note
3.5	15.407(d)(10)	Transmit Power Control (TPC)	Pass	-
-	15.407(b)	Unwanted Emissions	Pass	See Note
-	15.207	AC Conducted Emission	Pass	See Note
3.6	15.203	Antenna Requirement	Pass	-
Note: For Contention Based Protocol, Unwanted Emissions and AC Conducted Emission test data, please refer to Sporton report number FR3N2325I.				

Conformity Assessment Condition:

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

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: Ming Chen

1 General Description

1.1 Product Feature of Equipment Under Test

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

EUT Information List	
S/N	Performed Test Item
41091FDAP0001V	RF Conducted Measurement
43021FDAP0003N	Transmit Power Control (TPC)

Antenna information		
5925 MHz ~ 6425 MHz	Peak Gain (dBi)	Ant. 3: -3.2 Ant. 4: -3.7
6425 MHz ~ 6525 MHz	Peak Gain (dBi)	Ant. 3: -0.3 Ant. 4: -3.1
6525 MHz ~ 6875 MHz	Peak Gain (dBi)	Ant. 3: -1.6 Ant. 4: -5.7
6875 MHz ~ 7125 MHz	Peak Gain (dBi)	Ant. 3: -3.7 Ant. 4: -5.4

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

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F2)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 k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

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

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

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

			DG	DG
			for	for
	Ant 3	Ant 4	Power	PSD
	(dBi)	(dBi)	(dBi)	(dBi)
5925 MHz ~ 6425 MHz	-3.20	-3.70	-3.20	-0.44
6425 MHz ~ 6525 MHz	-0.30	-3.10	-0.30	1.42
6525 MHz ~ 6875 MHz	-1.60	-5.70	-1.60	-0.40
6875 MHz ~ 7125 MHz	-3.70	-5.40	-3.70	-1.50

Calculation example:

If a device has two antenna, $G_{ANT3} = -0.3$ dBi; $G_{ANT4} = -3.1$ dBi

Directional gain of power measurement = $\max(-0.3, -3.1) + 0 = -0.3$ dBi

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[10^{(-0.3 \text{ dBi} / 20)} + 10^{(-3.1 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

$$= 1.42 \text{ dBi}$$

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. DF02-HY (TAF Code: 1190)
Remark	The Transmit Power Control (TPC) test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

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

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency and Channel

BW 20M	Channel	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	Channel	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	Channel	15							
	Freq. (MHz)	6025							

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							



BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							

BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							



BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							

BW 20M	Channel	225				229			
	Freq. (MHz)	7075				7095			
BW 40M	Channel	227							
	Freq. (MHz)	7085							

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 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 (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. 2018 and Oct. 2022 for WiFi 7 device.

The 802.11ax/be modes are investigated among full RU, single RU and MRU modes for emission spot check and the 11ax modes are covered by 11be modes.

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

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

MIMO Mode

Specification	MCS index /Data Rate
802.11a	6 Mbps
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



2.3 EUT Operation Test Setup

The RF test items, utility “WLAN_DUT_Control_GUI_03-25-24” 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.

2.4 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 10dB attenuator.

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Limit of 26dB & 99% Occupied Bandwidth

<FCC 14-30 CFR 15.407>

(a)(10) The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

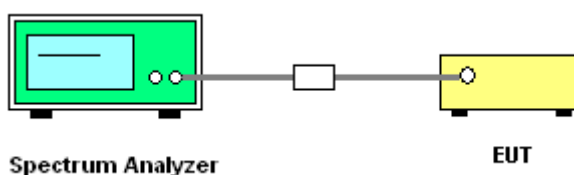
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

setting	20MHz	40MHz	80MHz	160MHz
RBW	300kHz	1MHz	1MHz	2MHz
VBW	1MHz	3MHz	3MHz	10MHz

3.2 Fundamental Maximum EIRP Measurement

3.2.1 Limit of Fundamental Maximum EIRP

<FCC 14-30 CFR 15.407>

(a)(9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

3.2.2 Measuring Instruments

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

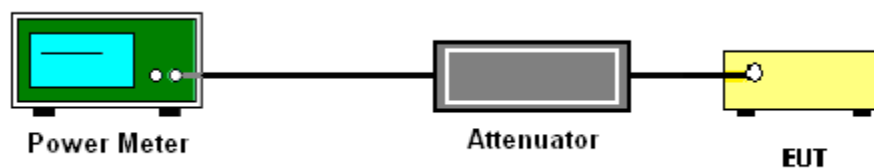
3.2.3 Test Procedures

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.

3.2.4 Test Setup



3.2.5 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.



3.3 Fundamental Power Spectral Density Measurement

3.3.1 Limit of Fundamental Power Spectral Density

<FCC 14-30 CFR 15.407>

(a)(9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-2

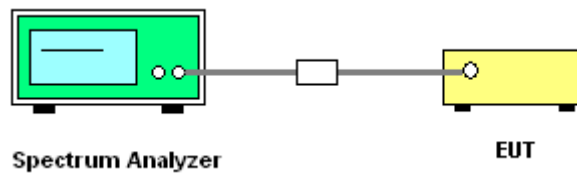
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 In-Band Emissions (Channel Mask)

3.4.1 Limit of Unwanted Emissions

<FCC 14-30 CFR 15.407>

(a)(6) For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

3.4.2 Measuring Instruments

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

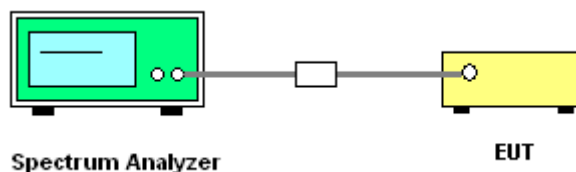
3.4.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v03.

Section J) In-Band Emissions.

1. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
2. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
3. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
4. Adjust the span to encompass the entire mask as necessary.
5. Clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

3.4.4 Test Setup



3.4.5 Test Result

Please refer to Appendix A.

3.5 Transmit Power Control (TPC)

3.5.1 Limit of Unwanted Emissions

<FCC 14-30 CFR 15.407>

(d)(10) Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz. This requirement shall be demonstrated both through attestation and testing.

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v03.

Section F) Maximum power spectral density.

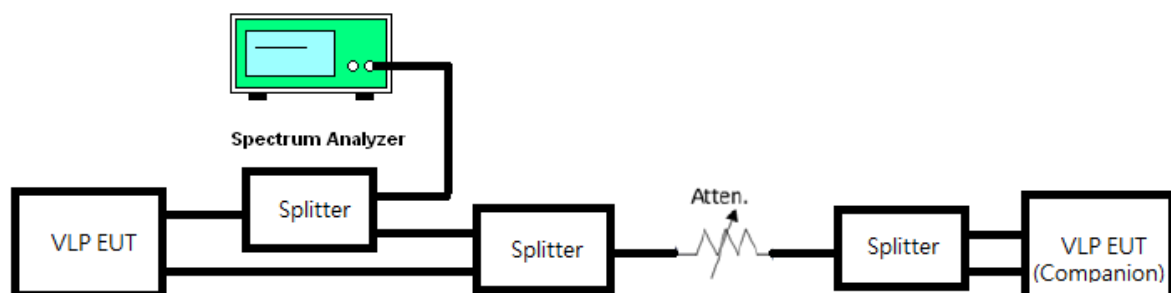
Method SA-2

(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 $\geq$ 3 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

Measure the PPSD and record it.

3.5.4 Test Setup

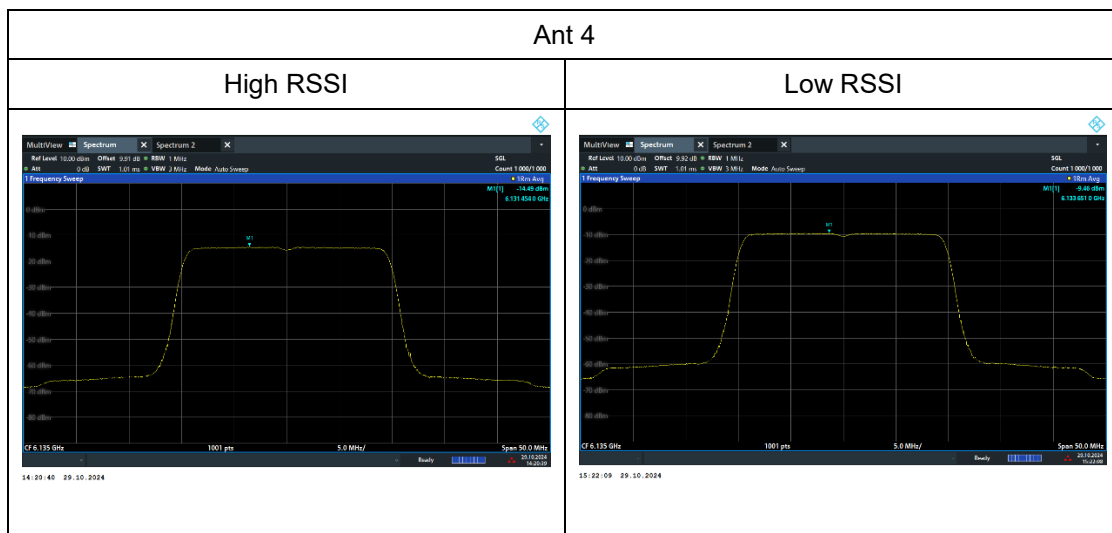
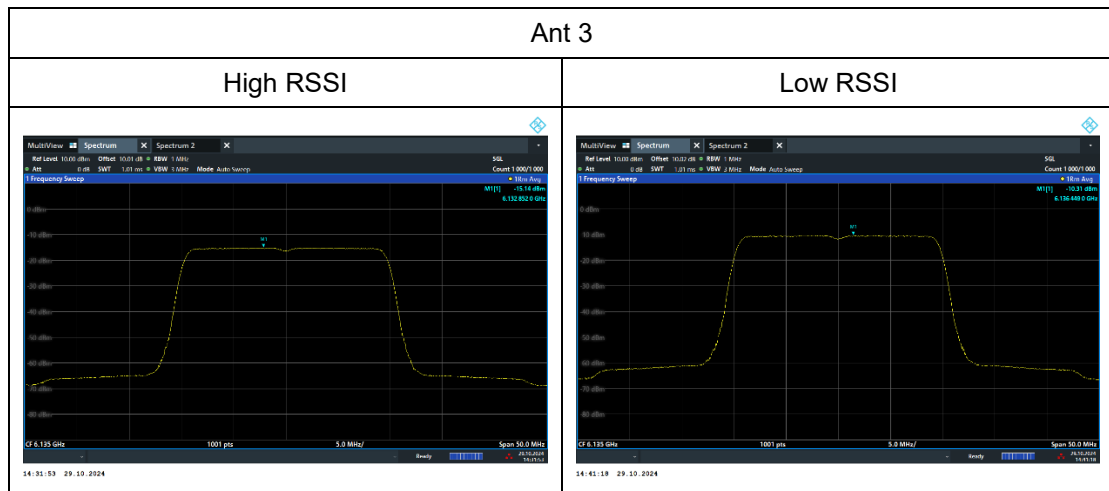


3.5.5 Test Result

The purpose of this test is to verify the relative power drop as the RSSI is increased.

If the conducted PSD delta is greater than 6dB then it ensures the EIRP PSD is at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz .

UNII-5 MIMO 2TX	HE20 6135MHz	Conducted PSD Ant 3 (3+4) (dBm/MHz)	Conducted PSD Ant 4 (3+4) (dBm/MHz)	Conducted PSD Ant 3+4 (dBm/MHz)	Antenna Gain Ant 3+4 (dBi)	EIRP PSD Ant 3+4 (dBm/MHz)
Low RSSI		-10.31	-9.46	-6.85		
High RSSI		-15.14	-14.49	-11.79	-3.20	-14.99
Verdict [EIRP PSD < -11dBm/MHz]						Pass





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
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 30, 2024	Oct. 29, 2024	Jan. 29, 2025	TPC (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10003	0.5GHz~6GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10007	0.5GHz~6GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10016	0.5GHz~6GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	MTJ Cooperation	SBF405-105FL EX	MTJ-30cm-01	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	MTJ Cooperation	SBF405-105FL EX	MTJ-30cm-02	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-04	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-05	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-06	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	SS405-100cm-05	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	EC	SS405	SS405-100cm-07	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-01	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-02	30kHz~18GHz	Calibration from System	Oct. 29, 2024	Calibration from System	TPC (DF02-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Oct. 03, 2024~ Oct. 31, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Nov. 01, 2024~ Jan. 14, 2025	Oct. 31, 2025	Conducted (TH05-HY)
USB Power Sensor	DARE	RPR3008W	RPR8W-2301001 3 (NO:100)	10MHz~8GHz	Jul. 26, 2024	Oct. 03, 2024~ Jan. 14, 2025	Jul. 25, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10Hz~44GHz	Aug. 23, 2024	Oct. 03, 2024~ Jan. 14, 2025	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Oct. 03, 2024~ Jan. 14, 2025	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Oct. 03, 2024~ Jan. 14, 2025	N/A	Conducted (TH05-HY)

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Mina Liu	Temperature:	21~25	°C
Test Date:	2024/10/3~2025/1/14	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	001	5955	16.88	16.73	20.98	20.75	320.00	Pass
11a	6Mbps	2	049	6195	16.88	16.83	21.06	21.08	320.00	Pass
11a	6Mbps	2	093	6415	16.93	16.83	21.04	21.08	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	001	5955	2.70	2.87	5.80	-3.20		2.60	14.00	Pass
11a	6Mbps	2	049	6195	3.00	2.67	5.85	-3.20		2.65	14.00	Pass
11a	6Mbps	2	093	6415	2.90	2.57	5.75	-3.20		2.55	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	001	5955	0.00	0.00			-4.60	-0.44	-5.03	-5.00	Pass	
11a	6Mbps	2	049	6195	0.00	0.00			-4.65	-0.44	-5.08	-5.00	Pass	
11a	6Mbps	2	093	6415	0.00	0.00			-4.73	-0.44	-5.17	-5.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	097	6435	16.93	16.88	21.02	20.77	320.00	Pass
11a	6Mbps	2	105	6475	16.93	16.73	21.06	20.98	320.00	Pass
11a	6Mbps	2	113	6515	16.98	16.73	20.97	21.04	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	097	6435	0.60	0.93	3.78	-0.30		3.48	14.00	Pass
11a	6Mbps	2	105	6475	0.60	0.84	3.73	-0.30		3.43	14.00	Pass
11a	6Mbps	2	113	6515	0.50	0.53	3.53	-0.30		3.23	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	097	6435	0.00	0.00			-6.74	1.42		-5.31	-5.00	Pass
11a	6Mbps	2	105	6475	0.00	0.00			-6.86	1.42		-5.44	-5.00	Pass
11a	6Mbps	2	113	6515	0.00	0.00			-6.89	1.42		-5.47	-5.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	117	6535	16.93	16.68	21.03	20.82	320.00	Pass
11a	6Mbps	2	149	6695	16.93	16.73	20.88	21.18	320.00	Pass
11a	6Mbps	2	181	6855	16.88	16.68	20.86	20.87	320.00	Pass

U-NII-7 straddle channel MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	185	6875	16.88	16.73	20.96	20.86	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	117	6535	1.70	2.77	5.28	-1.60		3.68	14.00	Pass
11a	6Mbps	2	149	6695	1.90	1.57	4.75	-1.60		3.15	14.00	Pass
11a	6Mbps	2	181	6855	2.40	2.87	5.65	-1.60		4.05	14.00	Pass

U-NII-7 straddle channel MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	185	6875	2.89	2.35	5.64	-1.60		4.04	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	117	6535	0.00	0.00			-4.93	-0.40		-5.33	-5.00	Pass
11a	6Mbps	2	149	6695	0.00	0.00			-5.93	-0.40		-6.33	-5.00	Pass
11a	6Mbps	2	181	6855	0.00	0.00			-4.86	-0.40		-5.26	-5.00	Pass

FCC U-NII-7 straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	185	6875	0.00	0.00			-4.75	-0.40		-5.15	-5.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	189	6895	16.88	16.78	20.93	20.74	320.00	Pass
11a	6Mbps	2	209	6995	16.88	16.58	20.79	20.69	320.00	Pass
11a	6Mbps	2	229	7095	16.88	16.68	21.05	20.89	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	189	6895	3.00	2.94	5.98	-3.70		2.28	14.00	Pass
11a	6Mbps	2	209	6995	2.98	2.96	5.98	-3.70		2.28	14.00	Pass
11a	6Mbps	2	229	7095	2.99	2.99	6.00	-3.70		2.30	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	189	6895	0.00	0.00			-3.75	-1.50		-5.25	-5.00	Pass
11a	6Mbps	2	209	6995	0.00	0.00			-3.83	-1.50		-5.33	-5.00	Pass
11a	6Mbps	2	229	7095	0.00	0.00			-3.68	-1.50		-5.18	-5.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	001	5955	Full	3.50	3.17	6.35	-3.20		3.15	14.00	Pass
HE20	MCS0	2	049	6195	Full	3.10	2.97	6.05	-3.20		2.85	14.00	Pass
HE20	MCS0	2	093	6415	Full	3.20	2.67	5.95	-3.20		2.75	14.00	Pass
HE40	MCS0	2	003	5965	Full	5.50	6.57	9.08	-3.20		5.88	14.00	Pass
HE40	MCS0	2	051	6205	Full	5.90	6.47	9.20	-3.20		6.00	14.00	Pass
HE40	MCS0	2	091	6405	Full	6.30	6.17	9.25	-3.20		6.05	14.00	Pass
HE80	MCS0	2	007	5985	Full	6.90	7.97	10.48	-3.20		7.28	14.00	Pass
HE80	MCS0	2	055	6225	Full	7.40	7.87	10.65	-3.20		7.45	14.00	Pass
HE80	MCS0	2	087	6385	Full	7.40	7.07	10.25	-3.20		7.05	14.00	Pass
HE160	MCS0	2	015	6025	Full	11.70	12.17	14.95	-3.20		11.75	14.00	Pass
HE160	MCS0	2	047	6185	Full	11.50	11.67	14.60	-3.20		11.40	14.00	Pass
HE160	MCS0	2	079	6345	Full	11.70	11.77	14.75	-3.20		11.55	14.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
HE20	MCS0	2	097	6435	Full	0.90	1.14	4.03	-0.30		3.73	14.00	Pass
HE20	MCS0	2	105	6475	Full	0.70	1.33	4.04	-0.30		3.74	14.00	Pass
HE20	MCS0	2	113	6515	Full	0.80	1.28	4.06	-0.30		3.76	14.00	Pass
HE40	MCS0	2	099	6445	Full	4.50	4.39	7.46	-0.30		7.16	14.00	Pass
HE40	MCS0	2	107	6485	Full	4.60	4.36	7.49	-0.30		7.19	14.00	Pass
HE80	MCS0	2	103	6465	Full	7.00	7.20	10.11	-0.30		9.81	14.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE40	MCS0	2	115	6525	Full	4.10	3.90	7.01	-0.30		6.71	14.00	Pass
HE80	MCS0	2	119	6545	Full	6.88	6.91	9.91	-0.30		9.61	14.00	Pass
HE160	MCS0	2	111	6505	Full	9.90	10.33	13.13	-0.30		12.83	14.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	117	6535	Full	2.80	2.97	5.90	-1.60		4.30	14.00	Pass
HE20	MCS0	2	149	6695	Full	3.30	2.97	6.15	-1.60		4.55	14.00	Pass
HE20	MCS0	2	181	6855	Full	2.70	2.97	5.85	-1.60		4.25	14.00	Pass
HE40	MCS0	2	123	6565	Full	5.90	6.17	9.05	-1.60		7.45	14.00	Pass
HE40	MCS0	2	147	6685	Full	5.80	6.07	8.95	-1.60		7.35	14.00	Pass
HE40	MCS0	2	179	6845	Full	6.00	5.87	8.95	-1.60		7.35	14.00	Pass
HE80	MCS0	2	135	6625	Full	7.90	8.57	11.26	-1.60		9.66	14.00	Pass
HE80	MCS0	2	151	6705	Full	7.70	8.47	11.11	-1.60		9.51	14.00	Pass
HE80	MCS0	2	167	6785	Full	7.60	8.67	11.18	-1.60		9.58	14.00	Pass
HE160	MCS0	2	143	6665	Full	11.40	12.27	14.87	-1.60		13.27	14.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	185	6875	Full	2.90	2.75	5.84	-1.60		4.24	14.00	Pass
HE40	MCS0	2	187	6885	Full	5.78	5.86	8.83	-1.60		7.23	14.00	Pass
HE80	MCS0	2	183	6865	Full	7.68	7.27	10.49	-1.60		8.89	14.00	Pass
HE160	MCS0	2	175	6825	Full	11.81	11.78	14.81	-1.60		13.21	14.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	189	6895	Full	4.10	3.51	6.83	-3.70		3.13	14.00	Pass
HE20	MCS0	2	209	6995	Full	3.32	3.32	6.33	-3.70		2.63	14.00	Pass
HE20	MCS0	2	229	7095	Full	4.45	4.27	7.37	-3.70		3.67	14.00	Pass
HE40	MCS0	2	195	6925	Full	7.38	6.90	10.16	-3.70		6.46	14.00	Pass
HE40	MCS0	2	211	7005	Full	7.40	7.00	10.21	-3.70		6.51	14.00	Pass
HE40	MCS0	2	227	7085	Full	7.40	7.00	10.21	-3.70		6.51	14.00	Pass
HE80	MCS0	2	199	6945	Full	9.70	10.10	12.91	-3.70		9.21	14.00	Pass
HE80	MCS0	2	215	7025	Full	10.40	10.80	13.61	-3.70		9.91	14.00	Pass
HE160	MCS0	2	207	6985	Full	12.50	12.75	15.64	-3.70		11.94	14.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	001	5955	Full	18.98	18.98	21.14	21.12	320.00	Pass
EHT20	MCS0	2	049	6195	Full	18.98	18.98	21.29	21.10	320.00	Pass
EHT20	MCS0	2	093	6415	Full	18.98	18.93	21.22	21.14	320.00	Pass
EHT40	MCS0	2	003	5965	Full	37.76	37.76	41.07	41.10	320.00	Pass
EHT40	MCS0	2	051	6205	Full	37.86	37.86	41.20	41.06	320.00	Pass
EHT40	MCS0	2	091	6405	Full	37.76	37.86	41.14	41.15	320.00	Pass
EHT80	MCS0	2	007	5985	Full	77.08	77.08	81.92	82.21	320.00	Pass
EHT80	MCS0	2	055	6225	Full	77.08	77.08	81.98	82.05	320.00	Pass
EHT80	MCS0	2	087	6385	Full	76.96	76.96	82.37	82.18	320.00	Pass
EHT160	MCS0	2	015	6025	Full	156.80	156.80	166.80	165.46	320.00	Pass
EHT160	MCS0	2	047	6185	Full	156.56	156.80	227.04	165.98	320.00	Pass
EHT160	MCS0	2	079	6345	Full	156.80	156.80	231.02	165.65	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	001	5955	Full	3.60	3.27	6.45	-3.20		3.25	14.00	Pass
EHT20	MCS0	2	001	5955	26/0	-4.70	-4.63	-1.65	-3.20		-4.85	14.00	Pass
EHT20	MCS0	2	001	5955	52/37	-2.30	-1.73	1.00	-3.20		-2.20	14.00	Pass
EHT20	MCS0	2	001	5955	106/53	0.50	0.77	3.65	-3.20		0.45	14.00	Pass
EHT20	MCS0	2	001	5955	52T+26T/70	-0.30	-0.13	2.80	-3.20		-0.40	14.00	Pass
EHT20	MCS0	2	001	5955	106T+26T/82	1.40	1.77	4.60	-3.20		1.40	14.00	Pass
EHT20	MCS0	2	049	6195	Full	3.20	3.07	6.15	-3.20		2.95	14.00	Pass
EHT20	MCS0	2	049	6195	26/4	-4.50	-4.33	-1.40	-3.20		-4.60	14.00	Pass
EHT20	MCS0	2	049	6195	52/38	-1.80	-1.93	1.15	-3.20		-2.05	14.00	Pass
EHT20	MCS0	2	049	6195	106/53	0.90	0.87	3.90	-3.20		0.70	14.00	Pass
EHT20	MCS0	2	049	6195	52T+26T/71	-0.40	-0.63	2.50	-3.20		-0.70	14.00	Pass
EHT20	MCS0	2	049	6195	106T+26T/83	2.00	1.77	4.90	-3.20		1.70	14.00	Pass
EHT20	MCS0	2	093	6415	Full	3.30	2.77	6.05	-3.20		2.85	14.00	Pass
EHT20	MCS0	2	093	6415	26/8	-5.20	-5.93	-2.54	-3.20		-5.74	14.00	Pass
EHT20	MCS0	2	093	6415	52/40	-2.80	-3.33	-0.05	-3.20		-3.25	14.00	Pass
EHT20	MCS0	2	093	6415	106/54	0.70	0.27	3.50	-3.20		0.30	14.00	Pass
EHT20	MCS0	2	093	6415	52T+26T/72	-0.40	-0.83	2.40	-3.20		-0.80	14.00	Pass
EHT20	MCS0	2	093	6415	106T+26T/83	1.80	1.37	4.60	-3.20		1.40	14.00	Pass
EHT40	MCS0	2	003	5965	Full	5.60	6.67	9.18	-3.20		5.98	14.00	Pass
EHT40	MCS0	2	051	6205	Full	6.00	6.57	9.30	-3.20		6.10	14.00	Pass
EHT40	MCS0	2	091	6405	Full	6.40	6.27	9.35	-3.20		6.15	14.00	Pass
EHT80	MCS0	2	007	5985	Full	7.00	8.07	10.58	-3.20		7.38	14.00	Pass
EHT80	MCS0	2	007	5985	Puncture 20/8	6.50	6.87	9.70	-3.20		6.50	14.00	Pass
EHT80	MCS0	2	055	6225	Full	7.50	7.97	10.75	-3.20		7.55	14.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/4	5.30	6.07	8.71	-3.20		5.51	14.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/2	5.30	5.67	8.50	-3.20		5.30	14.00	Pass
EHT80	MCS0	2	087	6385	Full	7.50	7.17	10.35	-3.20		7.15	14.00	Pass
EHT80	MCS0	2	087	6385	Puncture 20/1	6.80	6.47	9.65	-3.20		6.45	14.00	Pass
EHT160	MCS0	2	015	6025	Full	11.80	12.27	15.05	-3.20		11.85	14.00	Pass
EHT160	MCS0	2	015	6025	Puncture 40/192	11.00	11.47	14.25	-3.20		11.05	14.00	Pass
EHT160	MCS0	2	015	6025	Puncture 20/128	10.90	11.67	14.31	-3.20		11.11	14.00	Pass
EHT160	MCS0	2	047	6185	Full	11.60	11.77	14.70	-3.20		11.50	14.00	Pass
EHT160	MCS0	2	047	6185	Puncture 40/48	10.60	10.87	13.75	-3.20		10.55	14.00	Pass
EHT160	MCS0	2	047	6185	Puncture 20/16	11.50	11.67	14.60	-3.20		11.40	14.00	Pass
EHT160	MCS0	2	079	6345	Full	11.80	11.87	14.85	-3.20		11.65	14.00	Pass
EHT160	MCS0	2	079	6345	Puncture 40/3	11.50	11.27	14.40	-3.20		11.20	14.00	Pass
EHT160	MCS0	2	079	6345	Puncture 20/1	11.40	11.07	14.25	-3.20		11.05	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	001	5955	Full	0.05	0.05			-4.64	-0.44	-5.07	-5.00	Pass	
EHT20	MCS0	2	001	5955	26/0	0.08	0.11			-4.69	-0.44	-5.13	-5.00	Pass	
EHT20	MCS0	2	001	5955	52/37	0.09	0.12			-4.71	-0.44	-5.14	-5.00	Pass	
EHT20	MCS0	2	001	5955	106/53	0.11	0.13			-4.89	-0.44	-5.32	-5.00	Pass	
EHT20	MCS0	2	001	5955	52T+26T/70	0.00	0.05			-4.65	-0.44	-5.08	-5.00	Pass	
EHT20	MCS0	2	001	5955	106T+26T/82	0.07	0.09			-5.02	-0.44	-5.45	-5.00	Pass	
EHT20	MCS0	2	049	6195	Full	0.05	0.05			-4.78	-0.44	-5.22	-5.00	Pass	
EHT20	MCS0	2	049	6195	26/4	0.08	0.11			-5.12	-0.44	-5.55	-5.00	Pass	
EHT20	MCS0	2	049	6195	52/38	0.09	0.12			-4.80	-0.44	-5.23	-5.00	Pass	
EHT20	MCS0	2	049	6195	106/53	0.11	0.13			-5.23	-0.44	-5.66	-5.00	Pass	
EHT20	MCS0	2	049	6195	52T+26T/71	0.00	0.05			-4.97	-0.44	-5.40	-5.00	Pass	
EHT20	MCS0	2	049	6195	106T+26T/83	0.07	0.09			-5.00	-0.44	-5.44	-5.00	Pass	
EHT20	MCS0	2	093	6415	Full	0.05	0.05			-4.93	-0.44	-5.36	-5.00	Pass	
EHT20	MCS0	2	093	6415	26/8	0.08	0.11			-5.43	-0.44	-5.87	-5.00	Pass	
EHT20	MCS0	2	093	6415	52/40	0.09	0.12			-4.98	-0.44	-5.41	-5.00	Pass	
EHT20	MCS0	2	093	6415	106/54	0.11	0.13			-5.22	-0.44	-5.66	-5.00	Pass	
EHT20	MCS0	2	093	6415	52T+26T/72	0.00	0.05			-4.95	-0.44	-5.39	-5.00	Pass	
EHT20	MCS0	2	093	6415	106T+26T/83	0.07	0.09			-5.00	-0.44	-5.44	-5.00	Pass	
EHT40	MCS0	2	003	5965	Full	0.00	0.00			-4.68	-0.44	-5.11	-5.00	Pass	
EHT40	MCS0	2	051	6205	Full	0.00	0.00			-4.72	-0.44	-5.15	-5.00	Pass	
EHT40	MCS0	2	091	6405	Full	0.00	0.00			-4.76	-0.44	-5.20	-5.00	Pass	
EHT80	MCS0	2	007	5985	Full	0.12	0.12			-6.30	-0.44	-6.74	-5.00	Pass	
EHT80	MCS0	2	007	5985	Puncture 20/8	0.12	0.12			-6.50	-0.44	-6.94	-5.00	Pass	
EHT80	MCS0	2	055	6225	Full	0.12	0.12			-6.07	-0.44	-6.51	-5.00	Pass	
EHT80	MCS0	2	055	6225	Puncture 20/4	0.12	0.12			-6.62	-0.44	-7.06	-5.00	Pass	
EHT80	MCS0	2	055	6225	Puncture 20/2	0.12	0.12			-6.83	-0.44	-7.27	-5.00	Pass	
EHT80	MCS0	2	087	6385	Full	0.12	0.12			-6.06	-0.44	-6.50	-5.00	Pass	
EHT80	MCS0	2	087	6385	Puncture 20/1	0.12	0.12			-6.20	-0.44	-6.64	-5.00	Pass	
EHT160	MCS0	2	015	6025	Full	0.21	0.21			-4.58	-0.44	-5.02	-5.00	Pass	
EHT160	MCS0	2	015	6025	Puncture 40/192	0.16	0.16			-5.01	-0.44	-5.45	-5.00	Pass	
EHT160	MCS0	2	015	6025	Puncture 20/128	0.18	0.20			-5.04	-0.44	-5.48	-5.00	Pass	
EHT160	MCS0	2	047	6185	Full	0.21	0.21			-4.67	-0.44	-5.11	-5.00	Pass	
EHT160	MCS0	2	047	6185	Puncture 40/48	0.16	0.16	-4.87	-0.44	-5.31	-5.00	Pass			
EHT160	MCS0	2	047	6185	Puncture 20/16	0.18	0.20	-4.71	-0.44	-5.14	-5.00	Pass			
EHT160	MCS0	2	079	6345	Full	0.21	0.21	-4.63	-0.44	-5.06	-5.00	Pass			
EHT160	MCS0	2	079	6345	Puncture 40/3	0.16	0.16	-4.68	-0.44	-5.12	-5.00	Pass			
EHT160	MCS0	2	079	6345	Puncture 20/1	0.18	0.20	-5.77	-0.44	-6.20	-5.00	Pass			

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	097	6435	Full	18.98	19.03	21.02	21.06	320.00	Pass
EHT20	MCS0	2	105	6475	Full	19.03	18.98	21.17	21.23	320.00	Pass
EHT20	MCS0	2	113	6515	Full	18.98	18.98	21.18	20.94	320.00	Pass
EHT40	MCS0	2	099	6445	Full	37.76	37.76	41.10	41.14	320.00	Pass
EHT40	MCS0	2	107	6485	Full	37.86	37.86	41.25	41.04	320.00	Pass
EHT80	MCS0	2	103	6465	Full	77.08	76.96	82.34	81.82	320.00	Pass

U-NII-6 straddle channel MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT40	MCS0	2	115	6525	Full	37.86	37.76	41.25	41.17	320.00	Pass
EHT80	MCS0	2	119	6545	Full	76.96	76.96	82.05	81.86	320.00	Pass
EHT160	MCS0	2	111	6505	Full	156.80	156.56	167.33	228.48	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	097	6435	Full	1.00	1.24	4.13	-0.30		3.83	14.00	Pass
EHT20	MCS0	2	097	6435	26/0	-6.80	-6.72	-3.75	-0.30		-4.05	14.00	Pass
EHT20	MCS0	2	097	6435	52/37	-4.60	-4.26	-1.42	-0.30		-1.72	14.00	Pass
EHT20	MCS0	2	097	6435	106/53	-1.50	-1.22	1.65	-0.30		1.35	14.00	Pass
EHT20	MCS0	2	097	6435	52T+26T/70	-3.65	-2.18	0.16	-0.30		-0.14	14.00	Pass
EHT20	MCS0	2	097	6435	106T+26T/82	-0.66	0.17	2.79	-0.30		2.49	14.00	Pass
EHT20	MCS0	2	105	6475	Full	0.80	1.43	4.14	-0.30		3.84	14.00	Pass
EHT20	MCS0	2	105	6475	26/4	-6.10	-5.73	-2.90	-0.30		-3.20	14.00	Pass
EHT20	MCS0	2	105	6475	52/38	-4.70	-4.00	-1.33	-0.30		-1.63	14.00	Pass
EHT20	MCS0	2	105	6475	106/53	-1.80	-0.92	1.67	-0.30		1.37	14.00	Pass
EHT20	MCS0	2	105	6475	52T+26T/71	-2.70	-1.90	0.73	-0.30		0.43	14.00	Pass
EHT20	MCS0	2	105	6475	106T+26T/83	-0.65	0.70	3.09	-0.30		2.79	14.00	Pass
EHT20	MCS0	2	113	6515	Full	0.90	1.38	4.16	-0.30		3.86	14.00	Pass
EHT20	MCS0	2	113	6515	26/8	-7.60	-7.42	-4.50	-0.30		-4.80	14.00	Pass
EHT20	MCS0	2	113	6515	52/40	-4.90	-4.10	-1.47	-0.30		-1.77	14.00	Pass
EHT20	MCS0	2	113	6515	106/54	-1.70	-1.20	1.57	-0.30		1.27	14.00	Pass
EHT20	MCS0	2	113	6515	52T+26T/72	-2.78	-1.93	0.68	-0.30		0.38	14.00	Pass
EHT20	MCS0	2	113	6515	106T+26T/83	-0.68	0.65	3.05	-0.30		2.75	14.00	Pass
EHT40	MCS0	2	099	6445	Full	4.60	4.49	7.56	-0.30		7.26	14.00	Pass
EHT40	MCS0	2	107	6485	Full	4.70	4.46	7.59	-0.30		7.29	14.00	Pass
EHT80	MCS0	2	103	6465	Full	7.10	7.30	10.21	-0.30		9.91	14.00	Pass
EHT80	MCS0	2	103	6465	Puncture 20/4	5.32	5.67	8.51	-0.30		8.21	14.00	Pass
EHT80	MCS0	2	103	6465	Puncture 20/2	5.39	5.46	8.44	-0.30		8.14	14.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT40	MCS0	2	115	6525	Full	4.20	4.00	7.11	-0.30		6.81	14.00	Pass
EHT80	MCS0	2	119	6545	Full	6.98	7.01	10.01	-0.30		9.71	14.00	Pass
EHT80	MCS0	2	119	6545	Puncture 20/2	5.05	5.45	8.26	-0.30		7.96	14.00	Pass
EHT160	MCS0	2	111	6505	Full	10.00	10.43	13.23	-0.30		12.93	14.00	Pass
EHT160	MCS0	2	111	6505	Puncture 40/48	9.00	8.99	12.01	-0.30		11.71	14.00	Pass
EHT160	MCS0	2	111	6505	Puncture 20/16	7.68	7.72	10.71	-0.30		10.41	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	097	6435	Full	0.00	0.00			-6.95	1.42	-5.53	-5.00	Pass	
EHT20	MCS0	2	097	6435	26/0	0.08	0.11			-6.98	1.42	-5.56	-5.00	Pass	
EHT20	MCS0	2	097	6435	52/37	0.09	0.12			-7.02	1.42	-5.60	-5.00	Pass	
EHT20	MCS0	2	097	6435	106/53	0.11	0.13			-7.15	1.42	-5.72	-5.00	Pass	
EHT20	MCS0	2	097	6435	52T+26T/70	0.00	0.05			-7.09	1.42	-5.66	-5.00	Pass	
EHT20	MCS0	2	097	6435	106T+26T/82	0.07	0.09			-7.06	1.42	-5.64	-5.00	Pass	
EHT20	MCS0	2	105	6475	Full	0.00	0.00			-6.84	1.42	-5.42	-5.00	Pass	
EHT20	MCS0	2	105	6475	26/4	0.08	0.11			-6.99	1.42	-5.57	-5.00	Pass	
EHT20	MCS0	2	105	6475	52/38	0.09	0.12			-7.07	1.42	-5.64	-5.00	Pass	
EHT20	MCS0	2	105	6475	106/53	0.11	0.13			-7.16	1.42	-5.74	-5.00	Pass	
EHT20	MCS0	2	105	6475	52T+26T/71	0.00	0.05			-7.09	1.42	-5.66	-5.00	Pass	
EHT20	MCS0	2	105	6475	106T+26T/83	0.07	0.09			-6.90	1.42	-5.47	-5.00	Pass	
EHT20	MCS0	2	113	6515	Full	0.00	0.00			-6.82	1.42	-5.40	-5.00	Pass	
EHT20	MCS0	2	113	6515	26/8	0.08	0.11			-7.13	1.42	-5.71	-5.00	Pass	
EHT20	MCS0	2	113	6515	52/40	0.09	0.12			-7.10	1.42	-5.68	-5.00	Pass	
EHT20	MCS0	2	113	6515	106/54	0.11	0.13			-7.14	1.42	-5.72	-5.00	Pass	
EHT20	MCS0	2	113	6515	52T+26T/72	0.00	0.05			-6.92	1.42	-5.50	-5.00	Pass	
EHT20	MCS0	2	113	6515	106T+26T/83	0.07	0.09			-6.86	1.42	-5.43	-5.00	Pass	
EHT40	MCS0	2	099	6445	Full	0.00	0.00			-6.58	1.42	-5.16	-5.00	Pass	
EHT40	MCS0	2	107	6485	Full	0.00	0.00			-6.49	1.42	-5.07	-5.00	Pass	
EHT80	MCS0	2	103	6465	Full	0.12	0.12	-6.62	1.42	-5.20	-5.00	Pass			
EHT80	MCS0	2	103	6465	Puncture 20/4	0.12	0.12	-6.96	1.42	-5.54	-5.00	Pass			
EHT80	MCS0	2	103	6465	Puncture 20/2	0.12	0.12	-7.07	1.42	-5.65	-5.00	Pass			

U-NII-6 straddle channel MIMO															
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT40	MCS0	2	115	6525	Full	0.00	0.00			-6.89	1.42		-5.47	-5.00	Pass
EHT80	MCS0	2	119	6545	Full	0.12	0.12			-6.83	1.42		-5.41	-5.00	Pass
EHT80	MCS0	2	119	6545	Puncture 20/2	0.12	0.12			-6.97	1.42		-5.55	-5.00	Pass
EHT160	MCS0	2	111	6505	Full	0.21	0.21			-6.47	1.42		-5.05	-5.00	Pass
EHT160	MCS0	2	111	6505	Puncture 40/48	0.16	0.16			-6.93	1.42		-5.51	-5.00	Pass
EHT160	MCS0	2	111	6505	Puncture 20/16	0.18	0.20			-8.54	1.42		-7.12	-5.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	117	6535	Full	18.98	18.98	21.34	21.25	320.00	Pass
EHT20	MCS0	2	149	6695	Full	18.98	18.93	21.15	20.98	320.00	Pass
EHT20	MCS0	2	181	6855	Full	18.98	18.93	21.11	21.02	320.00	Pass
EHT40	MCS0	2	123	6565	Full	37.86	37.96	41.12	41.26	320.00	Pass
EHT40	MCS0	2	147	6685	Full	37.86	37.76	41.17	41.02	320.00	Pass
EHT40	MCS0	2	179	6845	Full	37.86	37.86	40.98	41.09	320.00	Pass
EHT80	MCS0	2	135	6625	Full	76.96	76.96	82.08	82.02	320.00	Pass
EHT80	MCS0	2	151	6705	Full	77.08	76.96	81.95	82.02	320.00	Pass
EHT80	MCS0	2	167	6785	Full	77.08	76.84	82.30	81.60	320.00	Pass
EHT160	MCS0	2	143	6665	Full	157.04	156.80	224.45	232.90	320.00	Pass

U-NII-7 straddle channel MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
HE20	MCS0	2	185	6875	Full	18.98	18.93	21.22	20.99	320.00	Pass
HE40	MCS0	2	187	6885	Full	37.76	37.76	41.30	41.12	320.00	Pass
HE80	MCS0	2	183	6865	Full	77.20	77.08	81.60	81.82	320.00	Pass
HE160	MCS0	2	175	6825	Full	157.04	157.28	229.63	229.92	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	117	6535	Full	2.90	3.07	6.00	-1.60		4.40	14.00	Pass
EHT20	MCS0	2	117	6535	26/0	-5.70	-4.93	-2.29	-1.60		-3.89	14.00	Pass
EHT20	MCS0	2	117	6535	52/37	-2.70	-3.53	-0.08	-1.60		-1.68	14.00	Pass
EHT20	MCS0	2	117	6535	106/53	0.40	1.17	3.81	-1.60		2.21	14.00	Pass
EHT20	MCS0	2	117	6535	52T+26T/70	-1.20	-0.43	2.21	-1.60		0.61	14.00	Pass
EHT20	MCS0	2	117	6535	106T+26T/82	1.40	2.17	4.81	-1.60		3.21	14.00	Pass
EHT20	MCS0	2	149	6695	Full	3.40	3.07	6.25	-1.60		4.65	14.00	Pass
EHT20	MCS0	2	149	6695	26/4	-4.10	-4.13	-1.10	-1.60		-2.70	14.00	Pass
EHT20	MCS0	2	149	6695	52/38	-2.10	-2.23	0.85	-1.60		-0.75	14.00	Pass
EHT20	MCS0	2	149	6695	106/53	1.00	0.87	3.95	-1.60		2.35	14.00	Pass
EHT20	MCS0	2	149	6695	52T+26T/71	-0.30	-0.13	2.80	-1.60		1.20	14.00	Pass
EHT20	MCS0	2	149	6695	106T+26T/83	1.40	1.77	4.60	-1.60		3.00	14.00	Pass
EHT20	MCS0	2	181	6855	Full	2.80	3.07	5.95	-1.60		4.35	14.00	Pass
EHT20	MCS0	2	181	6855	26/8	-5.40	-5.13	-2.25	-1.60		-3.85	14.00	Pass
EHT20	MCS0	2	181	6855	52/40	-2.40	-2.13	0.75	-1.60		-0.85	14.00	Pass
EHT20	MCS0	2	181	6855	106/54	-0.10	0.77	3.37	-1.60		1.77	14.00	Pass
EHT20	MCS0	2	181	6855	52T+26T/72	-0.80	-0.53	2.35	-1.60		0.75	14.00	Pass
EHT20	MCS0	2	181	6855	106T+26T/83	1.50	2.17	4.86	-1.60		3.26	14.00	Pass
EHT40	MCS0	2	123	6565	Full	6.00	6.27	9.15	-1.60		7.55	14.00	Pass
EHT40	MCS0	2	147	6685	Full	5.90	6.17	9.05	-1.60		7.45	14.00	Pass
EHT40	MCS0	2	179	6845	Full	6.10	5.97	9.05	-1.60		7.45	14.00	Pass
EHT80	MCS0	2	135	6625	Full	8.00	8.67	11.36	-1.60		9.76	14.00	Pass
EHT80	MCS0	2	135	6625	Puncture 20/8	6.70	7.47	10.11	-1.60		8.51	14.00	Pass
EHT80	MCS0	2	151	6705	Full	7.80	8.57	11.21	-1.60		9.61	14.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/4	6.30	6.87	9.60	-1.60		8.00	14.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/2	6.50	6.47	9.50	-1.60		7.90	14.00	Pass
EHT80	MCS0	2	167	6785	Full	7.70	8.77	11.28	-1.60		9.68	14.00	Pass
EHT80	MCS0	2	167	6785	Puncture 20/1	6.40	7.07	9.76	-1.60		8.16	14.00	Pass
EHT160	MCS0	2	143	6665	Full	11.50	12.37	14.97	-1.60		13.37	14.00	Pass
EHT160	MCS0	2	143	6665	Puncture 40/192	10.90	11.37	14.15	-1.60		12.55	14.00	Pass
EHT160	MCS0	2	143	6665	Puncture 20/128	10.80	11.37	14.10	-1.60		12.50	14.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	185	6875	Full	3.00	2.85	5.94	-1.60		4.34	14.00	Pass
EHT20	MCS0	2	185	6875	26/8	-5.27	-5.55	-2.40	-1.60		-4.00	14.00	Pass
EHT20	MCS0	2	185	6875	52/40	-2.11	-2.28	0.82	-1.60		-0.78	14.00	Pass
EHT20	MCS0	2	185	6875	106/54	1.19	0.65	3.94	-1.60		2.34	14.00	Pass
EHT20	MCS0	2	185	6875	52T+26T/72	-0.85	-0.75	2.21	-1.60		0.61	14.00	Pass
EHT20	MCS0	2	185	6875	106T+26T/83	1.80	1.62	4.72	-1.60		3.12	14.00	Pass
EHT40	MCS0	2	187	6885	Full	5.88	5.96	8.93	-1.60		7.33	14.00	Pass
EHT80	MCS0	2	183	6865	Full	7.78	7.37	10.59	-1.60		8.99	14.00	Pass
EHT80	MCS0	2	183	6865	Puncture 20/1	7.09	6.26	9.71	-1.60		8.11	14.00	Pass
EHT160	MCS0	2	175	6825	Full	11.91	11.88	14.91	-1.60		13.31	14.00	Pass
EHT160	MCS0	2	175	6825	Puncture 40/192	11.47	11.40	14.45	-1.60		12.85	14.00	Pass
EHT160	MCS0	2	175	6825	Puncture 20/128	11.45	11.44	14.46	-1.60		12.86	14.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	117	6535	Full	0.05	0.05			-4.80	-0.40	-5.20	-5.00	Pass	
EHT20	MCS0	2	117	6535	26/0	0.08	0.11			-4.88	-0.40	-5.28	-5.00	Pass	
EHT20	MCS0	2	117	6535	52/37	0.09	0.12			-4.96	-0.40	-5.36	-5.00	Pass	
EHT20	MCS0	2	117	6535	106/53	0.11	0.13			-4.99	-0.40	-5.39	-5.00	Pass	
EHT20	MCS0	2	117	6535	52T+26T/70	0.00	0.05			-5.05	-0.40	-5.45	-5.00	Pass	
EHT20	MCS0	2	117	6535	106T+26T/82	0.07	0.09			-4.87	-0.40	-5.27	-5.00	Pass	
EHT20	MCS0	2	149	6695	Full	0.05	0.05			-4.63	-0.40	-5.03	-5.00	Pass	
EHT20	MCS0	2	149	6695	26/4	0.08	0.11			-5.03	-0.40	-5.43	-5.00	Pass	
EHT20	MCS0	2	149	6695	52/38	0.09	0.12			-4.74	-0.40	-5.14	-5.00	Pass	
EHT20	MCS0	2	149	6695	106/53	0.11	0.13			-4.72	-0.40	-5.11	-5.00	Pass	
EHT20	MCS0	2	149	6695	52T+26T/71	0.00	0.05			-4.70	-0.40	-5.10	-5.00	Pass	
EHT20	MCS0	2	149	6695	106T+26T/83	0.07	0.09			-4.81	-0.40	-5.21	-5.00	Pass	
EHT20	MCS0	2	181	6855	Full	0.05	0.05			-4.70	-0.40	-5.10	-5.00	Pass	
EHT20	MCS0	2	181	6855	26/8	0.08	0.11			-5.06	-0.40	-5.46	-5.00	Pass	
EHT20	MCS0	2	181	6855	52/40	0.09	0.12			-4.91	-0.40	-5.31	-5.00	Pass	
EHT20	MCS0	2	181	6855	106/54	0.11	0.13			-5.19	-0.40	-5.59	-5.00	Pass	
EHT20	MCS0	2	181	6855	52T+26T/72	0.00	0.05			-5.09	-0.40	-5.49	-5.00	Pass	
EHT20	MCS0	2	181	6855	106T+26T/83	0.07	0.09			-4.76	-0.40	-5.15	-5.00	Pass	
EHT40	MCS0	2	123	6565	Full	0.00	0.00			-4.91	-0.40	-5.31	-5.00	Pass	
EHT40	MCS0	2	147	6685	Full	0.00	0.00			-4.93	-0.40	-5.33	-5.00	Pass	
EHT40	MCS0	2	179	6845	Full	0.00	0.00			-5.05	-0.40	-5.45	-5.00	Pass	
EHT80	MCS0	2	135	6625	Full	0.12	0.12			-5.50	-0.40	-5.90	-5.00	Pass	
EHT80	MCS0	2	135	6625	Puncture 20/8	0.12	0.12			-5.97	-0.40	-6.37	-5.00	Pass	
EHT80	MCS0	2	151	6705	Full	0.12	0.12			-5.38	-0.40	-5.78	-5.00	Pass	
EHT80	MCS0	2	151	6705	Puncture 20/4	0.12	0.12			-5.80	-0.40	-6.20	-5.00	Pass	
EHT80	MCS0	2	151	6705	Puncture 20/2	0.12	0.12			-5.87	-0.40	-6.27	-5.00	Pass	
EHT80	MCS0	2	167	6785	Full	0.12	0.12			-5.38	-0.40	-5.78	-5.00	Pass	
EHT80	MCS0	2	167	6785	Puncture 20/1	0.12	0.12			-5.97	-0.40	-6.37	-5.00	Pass	
EHT160	MCS0	2	143	6665	Full	0.21	0.21			-4.88	-0.40	-5.28	-5.00	Pass	
EHT160	MCS0	2	143	6665	Puncture 40/192	0.16	0.16			-5.73	-0.40	-6.13	-5.00	Pass	
EHT160	MCS0	2	143	6665	Puncture 20/128	0.18	0.20			-5.93	-0.40	-6.33	-5.00	Pass	

U-NII-7 straddle channel MIMO															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	185	6875	Full	0.05	0.05			-5.38	-0.40	-5.78	-5.00	Pass	
EHT20	MCS0	2	185	6875	26/8	0.08	0.11			-5.64	-0.40	-6.04	-5.00	Pass	
EHT20	MCS0	2	185	6875	52/40	0.09	0.12			-5.40	-0.40	-5.80	-5.00	Pass	
EHT20	MCS0	2	185	6875	106/54	0.11	0.13			-5.32	-0.40	-5.72	-5.00	Pass	
EHT20	MCS0	2	185	6875	52T+26T/72	0.00	0.05			-5.45	-0.40	-5.85	-5.00	Pass	
EHT20	MCS0	2	185	6875	106T+26T/83	0.07	0.09			-5.58	-0.40	-5.98	-5.00	Pass	
EHT40	MCS0	2	187	6885	Full	0.00	0.00			-4.79	-0.40	-5.19	-5.00	Pass	
EHT80	MCS0	2	183	6865	Full	0.12	0.12			-5.89	-0.40	-6.29	-5.00	Pass	
EHT80	MCS0	2	183	6865	Puncture 20/1	0.12	0.12			-6.20	-0.40	-6.60	-5.00	Pass	
EHT160	MCS0	2	175	6825	Full	0.21	0.21			-4.72	-0.40	-5.12	-5.00	Pass	
EHT160	MCS0	2	175	6825	Puncture 40/192	0.16	0.16			-5.14	-0.40	-5.54	-5.00	Pass	
EHT160	MCS0	2	175	6825	Puncture 20/128	0.18	0.20			-4.93	-0.40	-5.33	-5.00	Pass	

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	189	6895	Full	19.03	18.98	21.16	21.00	320.00	Pass
EHT20	MCS0	2	209	6995	Full	18.93	18.93	21.10	20.89	320.00	Pass
EHT20	MCS0	2	229	7095	Full	18.93	18.93	21.22	21.05	320.00	Pass
EHT40	MCS0	2	195	6925	Full	37.76	37.76	41.30	40.80	320.00	Pass
EHT40	MCS0	2	211	7005	Full	37.86	37.86	41.23	40.99	320.00	Pass
EHT40	MCS0	2	227	7085	Full	37.66	37.86	40.91	41.18	320.00	Pass
EHT80	MCS0	2	199	6945	Full	77.08	76.84	82.37	81.57	320.00	Pass
EHT80	MCS0	2	215	7025	Full	76.96	77.08	82.02	81.18	320.00	Pass
EHT160	MCS0	2	207	6985	Full	157.80	156.56	259.39	231.55	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	189	6895	Full	4.20	3.61	6.93	-3.70		3.23	14.00	Pass
EHT20	MCS0	2	189	6895	26/0	-4.20	-4.87	-1.51	-3.70		-5.21	14.00	Pass
EHT20	MCS0	2	189	6895	52/37	-1.60	-2.30	1.07	-3.70		-2.63	14.00	Pass
EHT20	MCS0	2	189	6895	106/53	2.56	2.21	5.40	-3.70		1.70	14.00	Pass
EHT20	MCS0	2	189	6895	52T+26T/70	0.16	0.25	3.22	-3.70		-0.48	14.00	Pass
EHT20	MCS0	2	189	6895	106T+26T/82	2.10	2.30	5.21	-3.70		1.51	14.00	Pass
EHT20	MCS0	2	209	6995	Full	3.42	3.42	6.43	-3.70		2.73	14.00	Pass
EHT20	MCS0	2	209	6995	26/4	-2.63	-3.17	0.12	-3.70		-3.58	14.00	Pass
EHT20	MCS0	2	209	6995	52/38	-0.70	-1.20	2.07	-3.70		-1.63	14.00	Pass
EHT20	MCS0	2	209	6995	106/53	2.20	1.65	4.94	-3.70		1.24	14.00	Pass
EHT20	MCS0	2	209	6995	52T+26T/71	1.13	0.30	3.75	-3.70		0.05	14.00	Pass
EHT20	MCS0	2	209	6995	106T+26T/83	2.78	2.57	5.69	-3.70		1.99	14.00	Pass
EHT20	MCS0	2	229	7095	Full	4.55	4.37	7.47	-3.70		3.77	14.00	Pass
EHT20	MCS0	2	229	7095	26/8	-2.91	-2.89	0.11	-3.70		-3.59	14.00	Pass
EHT20	MCS0	2	229	7095	52/40	-0.36	-0.33	2.67	-3.70		-1.03	14.00	Pass
EHT20	MCS0	2	229	7095	106/54	2.19	2.63	5.43	-3.70		1.73	14.00	Pass
EHT20	MCS0	2	229	7095	52T+26T/72	1.34	1.33	4.35	-3.70		0.65	14.00	Pass
EHT20	MCS0	2	229	7095	106T+26T/83	3.68	3.78	6.74	-3.70		3.04	14.00	Pass
EHT40	MCS0	2	195	6925	Full	7.48	7.00	10.26	-3.70		6.56	14.00	Pass
EHT40	MCS0	2	211	7005	Full	7.50	7.10	10.31	-3.70		6.61	14.00	Pass
EHT40	MCS0	2	227	7085	Full	7.50	7.10	10.31	-3.70		6.61	14.00	Pass
EHT80	MCS0	2	199	6945	Full	9.80	10.20	13.01	-3.70		9.31	14.00	Pass
EHT80	MCS0	2	199	6945	Puncture 20/8	8.43	8.31	11.38	-3.70		7.68	14.00	Pass
EHT80	MCS0	2	215	7025	Full	10.50	10.90	13.71	-3.70		10.01	14.00	Pass
EHT80	MCS0	2	215	7025	Puncture 20/1	9.09	8.70	11.91	-3.70		8.21	14.00	Pass
EHT160	MCS0	2	207	6985	Full	12.60	12.85	15.74	-3.70		12.04	14.00	Pass
EHT160	MCS0	2	207	6985	Puncture 40/3	12.55	12.80	15.69	-3.70		11.99	14.00	Pass
EHT160	MCS0	2	207	6985	Puncture 20/1	12.54	12.78	15.67	-3.70		11.97	14.00	Pass

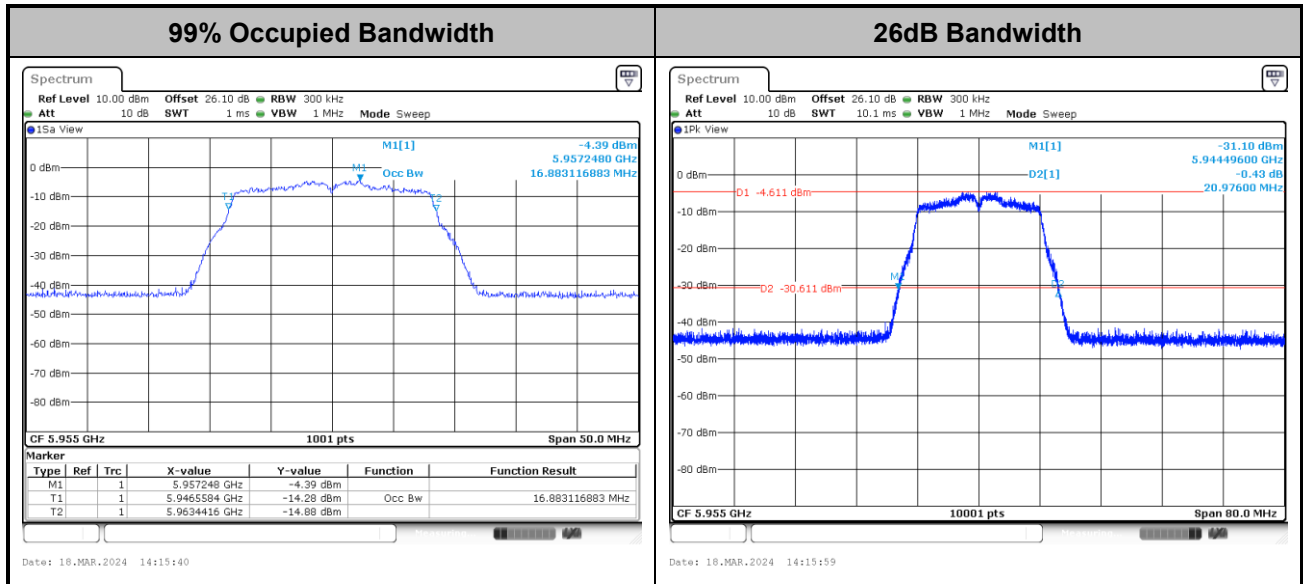
TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	189	6895	Full	0.05	0.05			-4.00	-1.50	-5.50	-5.00	Pass	
EHT20	MCS0	2	189	6895	26/0	0.08	0.11			-4.23	-1.50	-5.72	-5.00	Pass	
EHT20	MCS0	2	189	6895	52/37	0.09	0.12			-4.52	-1.50	-6.02	-5.00	Pass	
EHT20	MCS0	2	189	6895	106/53	0.11	0.13			-4.30	-1.50	-5.80	-5.00	Pass	
EHT20	MCS0	2	189	6895	52T+26T/70	0.00	0.05			-4.50	-1.50	-6.00	-5.00	Pass	
EHT20	MCS0	2	189	6895	106T+26T/82	0.07	0.09			-4.50	-1.50	-6.00	-5.00	Pass	
EHT20	MCS0	2	209	6995	Full	0.05	0.05			-3.80	-1.50	-5.30	-5.00	Pass	
EHT20	MCS0	2	209	6995	26/4	0.08	0.11			-4.09	-1.50	-5.59	-5.00	Pass	
EHT20	MCS0	2	209	6995	52/38	0.09	0.12			-3.99	-1.50	-5.48	-5.00	Pass	
EHT20	MCS0	2	209	6995	106/53	0.11	0.13			-4.15	-1.50	-5.65	-5.00	Pass	
EHT20	MCS0	2	209	6995	52T+26T/71	0.00	0.05			-4.00	-1.50	-5.49	-5.00	Pass	
EHT20	MCS0	2	209	6995	106T+26T/83	0.07	0.09			-4.11	-1.50	-5.60	-5.00	Pass	
EHT20	MCS0	2	229	7095	Full	0.05	0.05			-3.57	-1.50	-5.07	-5.00	Pass	
EHT20	MCS0	2	229	7095	26/8	0.08	0.11			-3.72	-1.50	-5.22	-5.00	Pass	
EHT20	MCS0	2	229	7095	52/40	0.09	0.12			-3.68	-1.50	-5.17	-5.00	Pass	
EHT20	MCS0	2	229	7095	106/54	0.11	0.13			-3.84	-1.50	-5.33	-5.00	Pass	
EHT20	MCS0	2	229	7095	52T+26T/72	0.00	0.05			-3.98	-1.50	-5.47	-5.00	Pass	
EHT20	MCS0	2	229	7095	106T+26T/83	0.07	0.09			-3.69	-1.50	-5.19	-5.00	Pass	
EHT40	MCS0	2	195	6925	Full	0.00	0.00			-3.89	-1.50	-5.39	-5.00	Pass	
EHT40	MCS0	2	211	7005	Full	0.00	0.00			-3.50	-1.50	-5.00	-5.00	Pass	
EHT40	MCS0	2	227	7085	Full	0.00	0.00	-3.77	-1.50	-5.27	-5.00	Pass			
EHT80	MCS0	2	199	6945	Full	0.12	0.12	-3.92	-1.50	-5.42	-5.00	Pass			
EHT80	MCS0	2	199	6945	Puncture 20/8	0.12	0.12	-4.47	-1.50	-5.97	-5.00	Pass			
EHT80	MCS0	2	215	7025	Full	0.12	0.12	-3.85	-1.50	-5.35	-5.00	Pass			
EHT80	MCS0	2	215	7025	Puncture 20/1	0.12	0.12	-5.08	-1.50	-6.57	-5.00	Pass			
EHT160	MCS0	2	207	6985	Full	0.21	0.21	-3.56	-1.50	-5.06	-5.00	Pass			
EHT160	MCS0	2	207	6985	Puncture 40/3	0.16	0.16	-3.81	-1.50	-5.31	-5.00	Pass			
EHT160	MCS0	2	207	6985	Puncture 20/1	0.18	0.20	-3.81	-1.50	-5.31	-5.00	Pass			

**Test Result of 26dB & 99% Occupied Bandwidth**

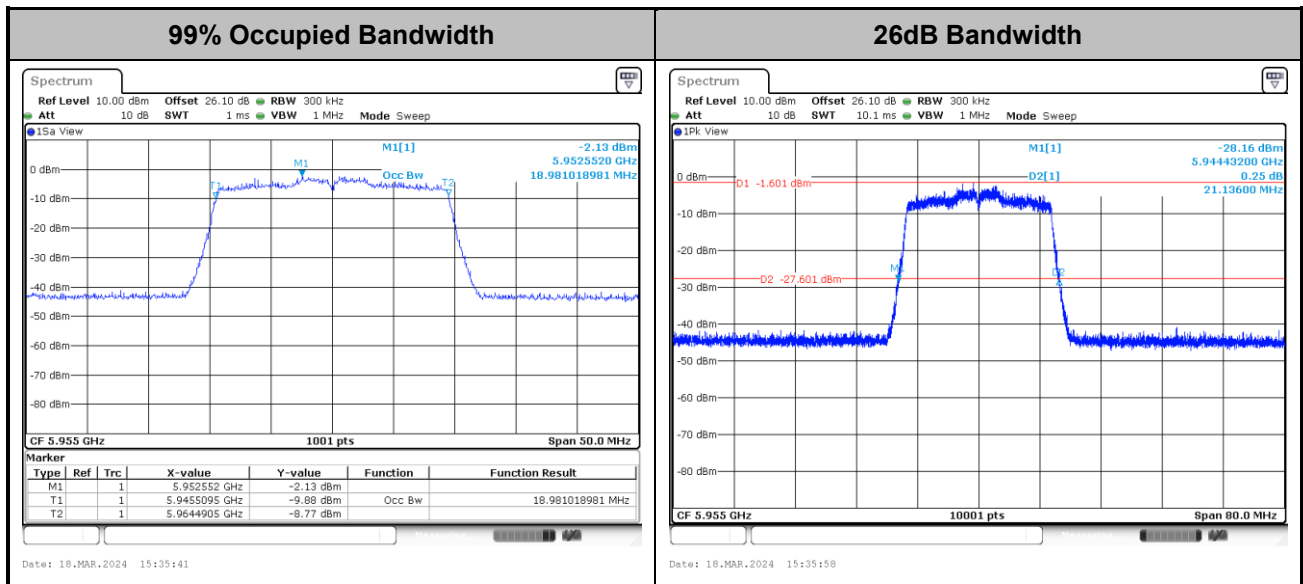
MIMO <Ant. 3+4>

<802.11a>



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

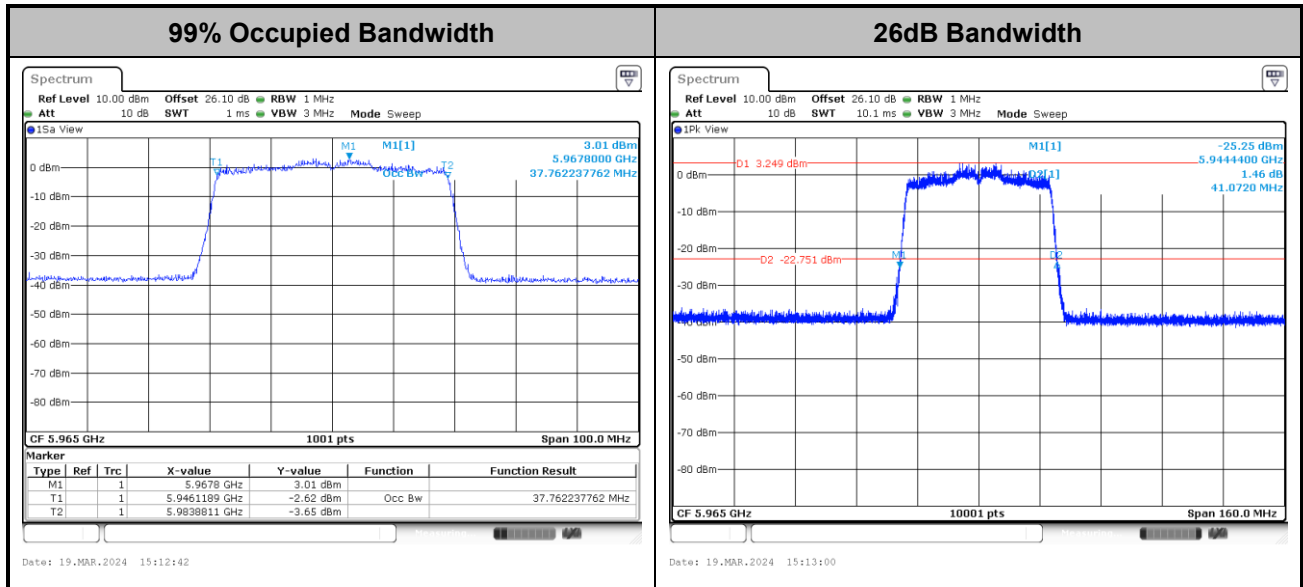
<802.11be EHT20>



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

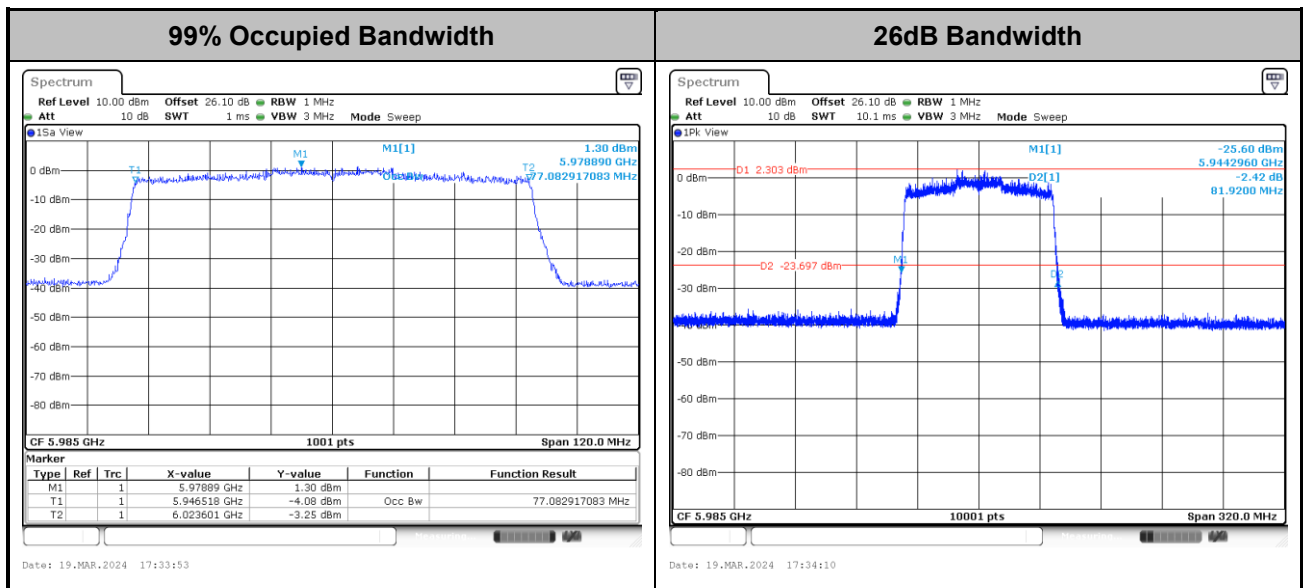


<802.11be EHT40>



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

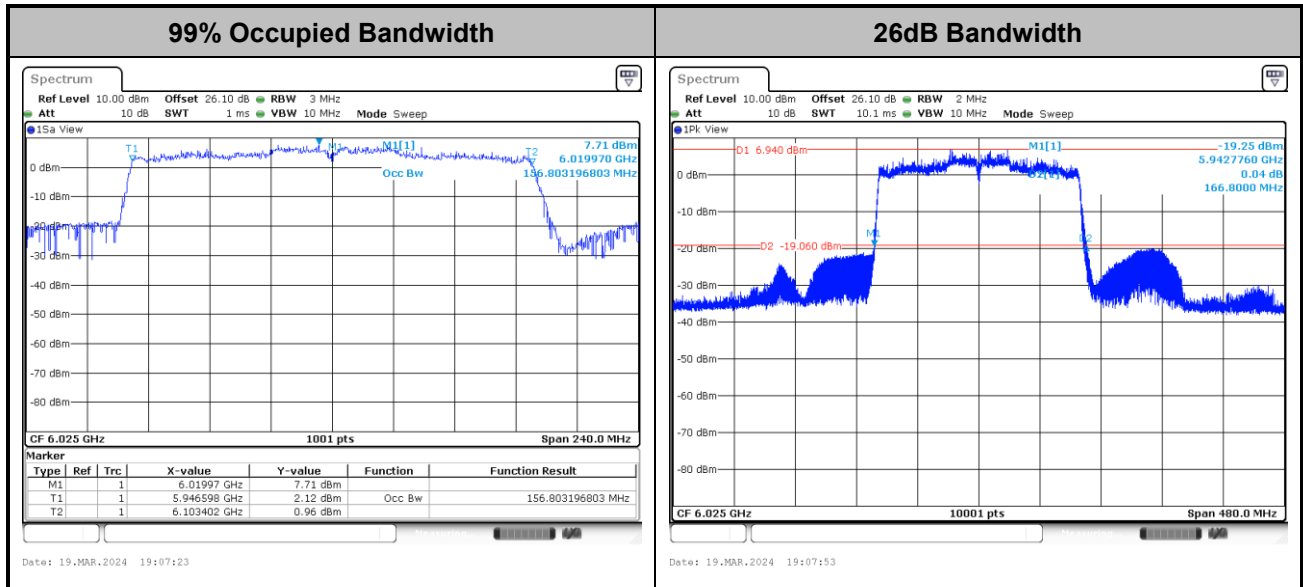
<802.11be EHT80>



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



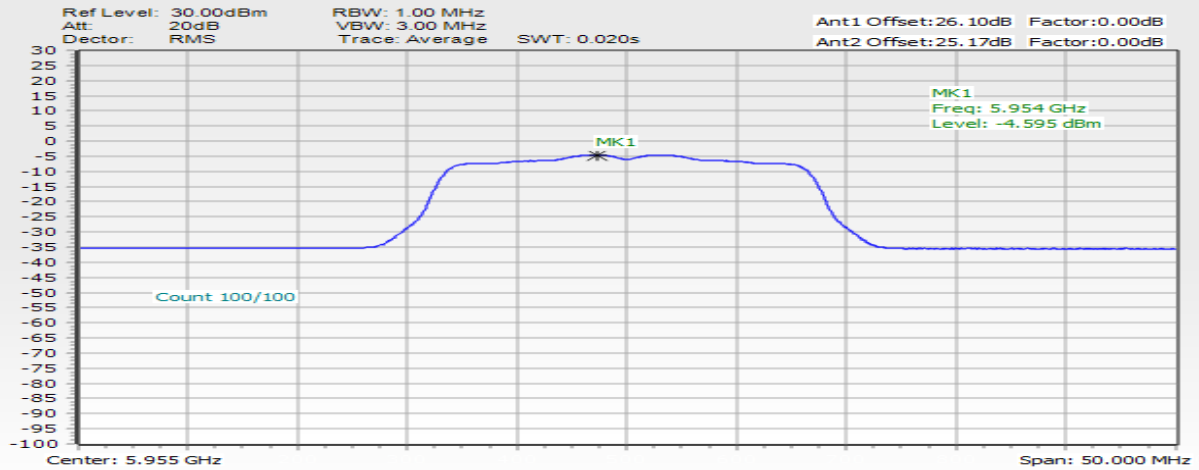
<802.11be EHT160>



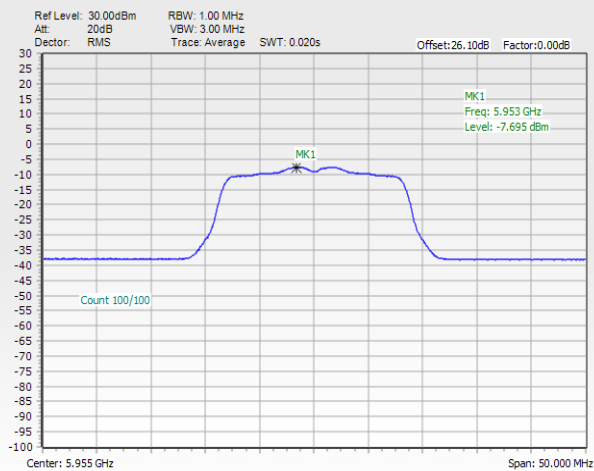
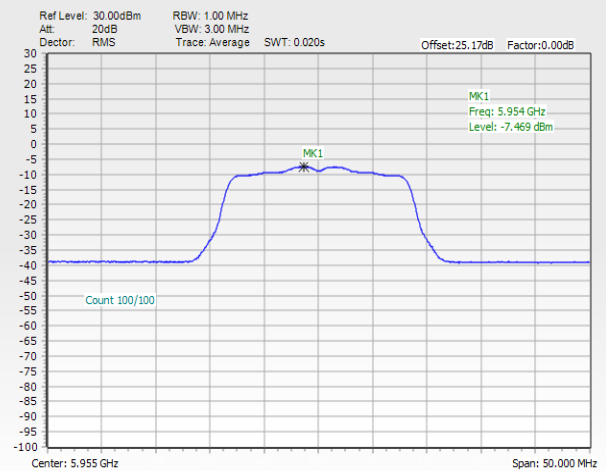
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11a>

Maximum Power Density Plot (dBm/MHz)**Note:**

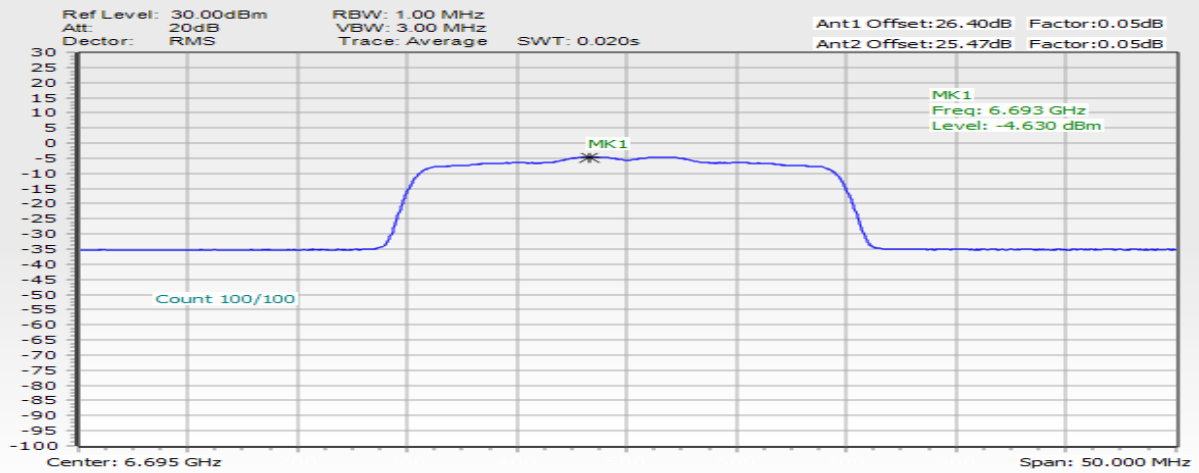
1. EIRP Power Density (dBm/MHz) = Measured value+ Duty Factor + Directional Gain
2. The test plot is showing a bin by bin combined result mathematically adds two traces.

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



<802.11be EHT20>

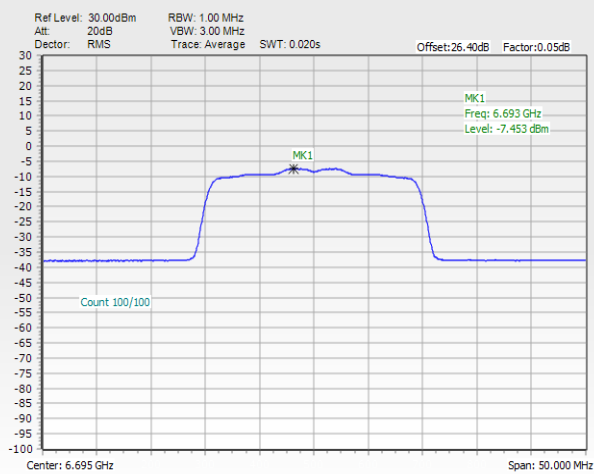
Maximum Power Density Plot (dBm/MHz)



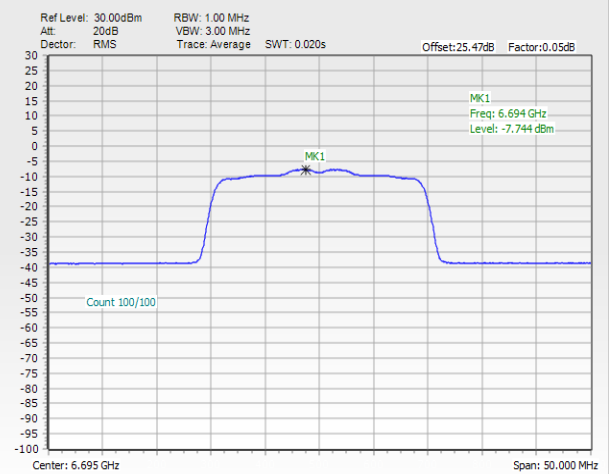
Note:

1. EIRP Power Density (dBm/MHz) = Measured value+ Duty Factor + Directional Gain
2. The test plot is showing a bin by bin combined result mathematically adds two traces.

Power Density Plot Trace 1 (Ant 3)



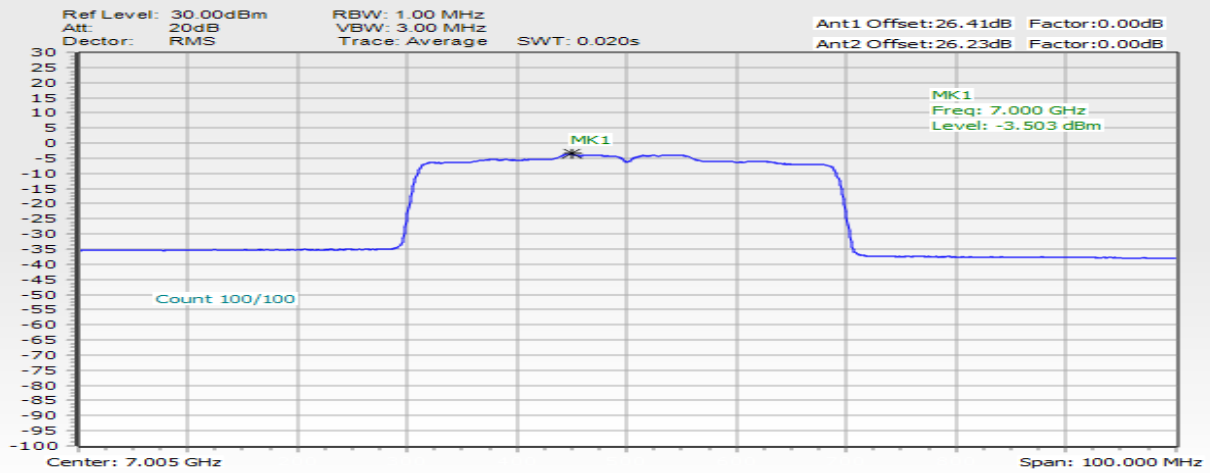
Power Density Plot Trace 2 (Ant 4)





<802.11be EHT40>

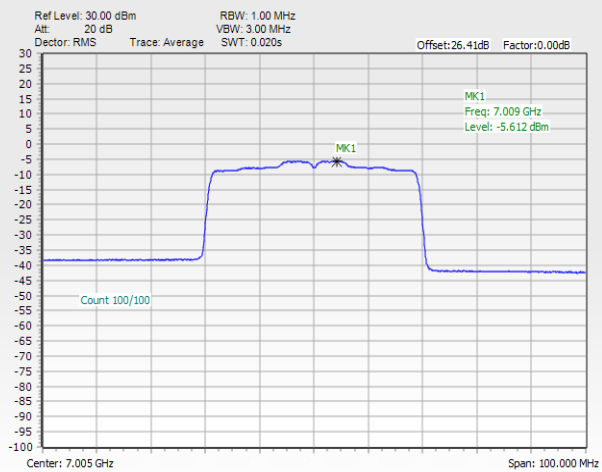
Maximum Power Density Plot (dBm/MHz)



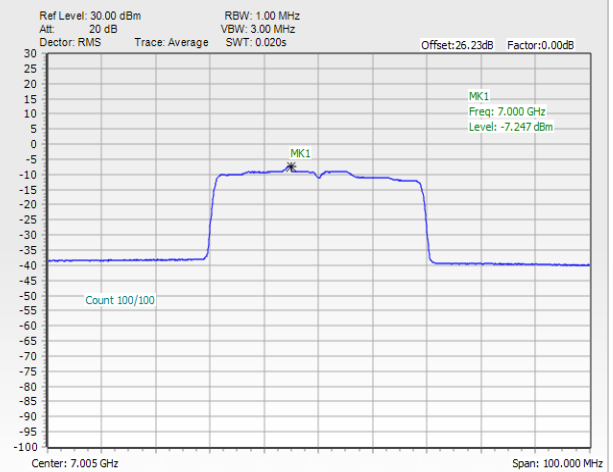
Note:

1. EIRP Power Density (dBm/MHz) = Measured value+ Duty Factor + Directional Gain
2. The test plot is showing a bin by bin combined result mathematically adds two traces.

Power Density Plot Trace 1 (Ant 3)



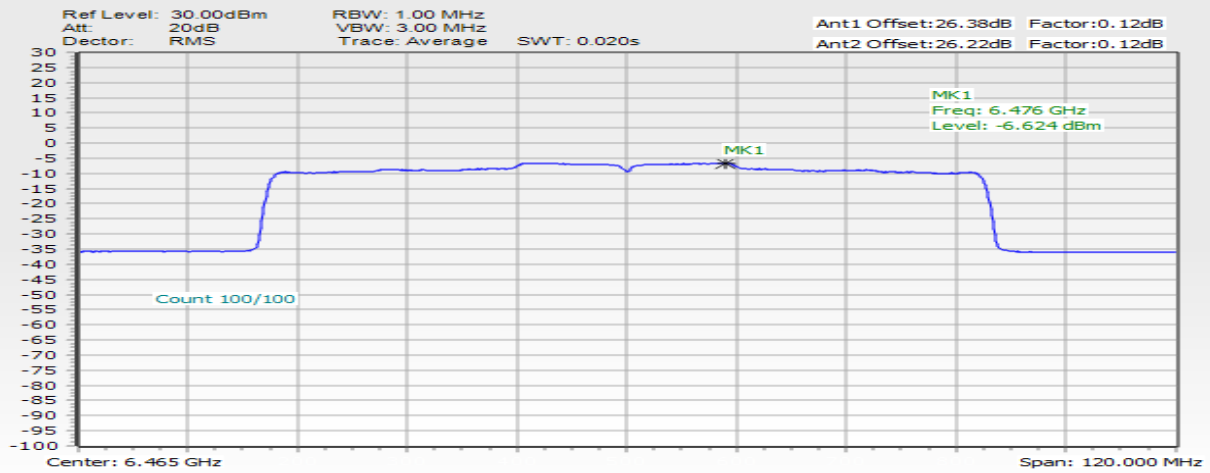
Power Density Plot Trace 2 (Ant 4)





<802.11be EHT80>

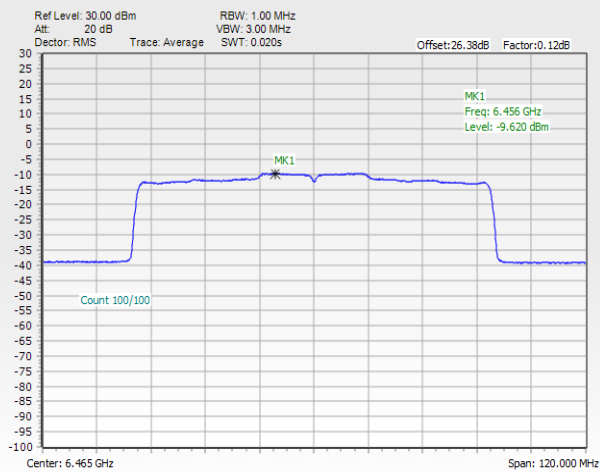
Maximum Power Density Plot (dBm/MHz)



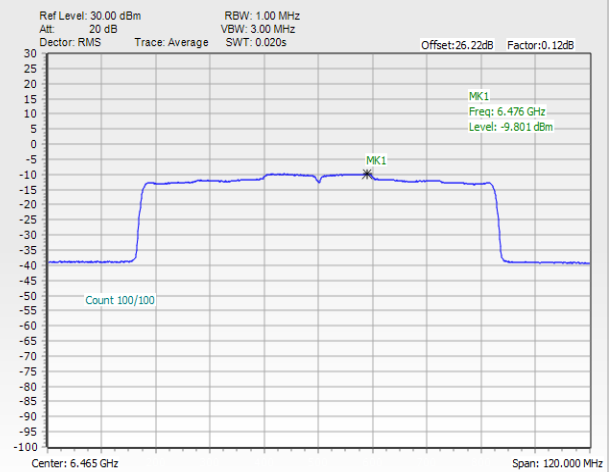
Note:

1. EIRP Power Density (dBm/MHz) = Measured value+ Duty Factor + Directional Gain
2. The test plot is showing a bin by bin combined result mathematically adds two traces.

Power Density Plot Trace 1 (Ant 3)



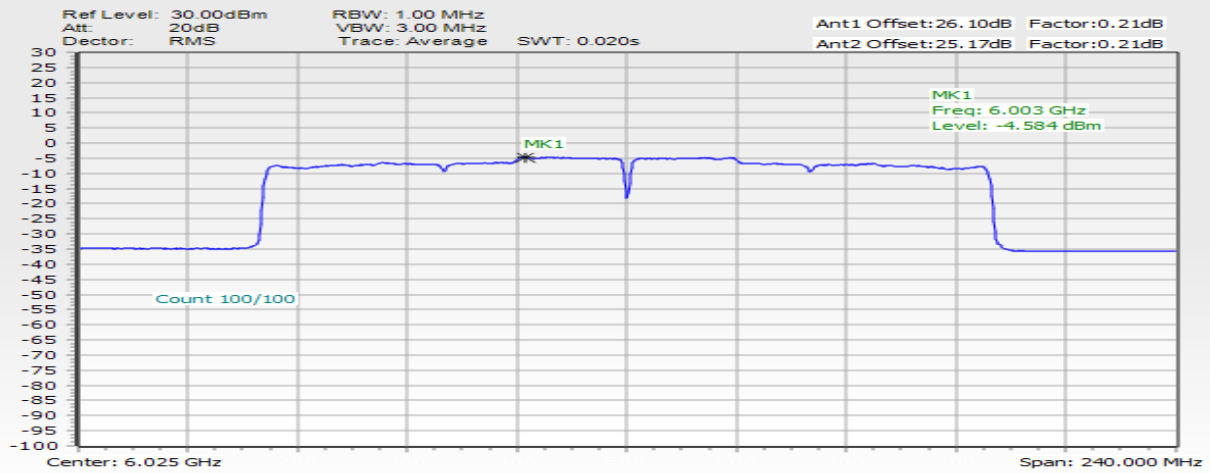
Power Density Plot Trace 2 (Ant 4)





<802.11be EHT160>

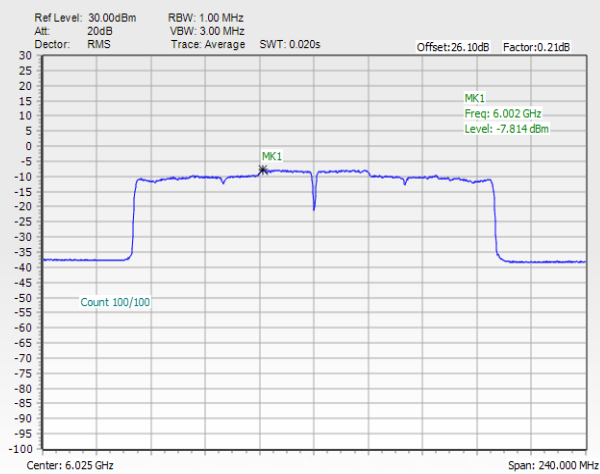
Maximum Power Density Plot (dBm/MHz)



Note:

1. EIRP Power Density (dBm/MHz) = Measured value+ Duty Factor + Directional Gain
2. The test plot is showing a bin by bin combined result mathematically adds two traces.

Power Density Plot Trace 1 (Ant 3)



Power Density Plot Trace 2 (Ant 4)

