



# FCC RADIO TEST REPORT

**FCC ID** : 2ADZRBEACON24  
**Equipment** : NOKIA WiFi Beacon 24  
**Brand Name** : NOKIA  
**Model Name** : Beacon 24  
**Applicant** : Nokia Shanghai Bell Co., Ltd.  
No.388, Ningqiao Rd, Pilot Free Trade Zone,  
Shanghai, 201206 P.R. China  
**Manufacturer** : Nokia of America Corporation  
2301 Sugar Bush Rd. Raleigh, NC 27612  
**Standard** : FCC Part 15 Subpart E §15.407

The product was received on Nov. 09, 2023 and testing was performed from Nov. 15, 2023 to Jan. 05, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

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



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### History of this test report

Report No.	Version	Description	Issue Date
FR3N0940C	01	Initial issue of report	Jan. 18, 2024
FR3N0940C	02	Remove 802.11a test data, revise Antenna information, section 2.2, 3.1.1, 3.5.7, and Appendix A This report is an updated version, replacing the report issued on Jan. 18, 2024.	Jan. 30, 2024



### 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	Reporting only	-
3.2	15.407(a)(5)	Fundamental Maximum EIRP	Pass	-
3.3	15.407(a)(5)	Fundamental Power Spectral Density	Pass	-
3.4	15.407(b)(7)	In-Band Emissions (Channel Mask)	Pass	-
3.5	15.407(d)(5)	Contention Based Protocol	Pass	-
3.6	15.407(b)(5)	Unwanted Emissions	Pass	0.19 dB under the limit at 7125.02 MHz
3.7	15.207	AC Conducted Emission	Pass	8.99 dB under the limit at 0.51 MHz
3.8	15.203 15.407(a)	Antenna Requirement	Pass	-

**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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Wei Chen**  
**Report Producer: Clio Lo**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature	
<b>General Specs</b> Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, and Wi-Fi 6GHz 802.11ax/be.	
<b>Antenna Type</b> WLAN: PCB Antenna	

Antenna information		
5925 MHz ~ 6425 MHz	Peak Gain (dBi)	Ant. 5: 4.43 Ant. 6: 3.20 Ant. 7: 4.67 Ant. 8: 3.43
6425 MHz ~ 6525 MHz	Peak Gain (dBi)	Ant. 5: 4.39 Ant. 6: 3.54 Ant. 7: 4.05 Ant. 8: 3.91
6525 MHz ~ 6875 MHz	Peak Gain (dBi)	Ant. 5: 4.38 Ant. 6: 3.64 Ant. 7: 4.38 Ant. 8: 3.91
6875 MHz ~ 7125 MHz	Peak Gain (dBi)	Ant. 5: 4.99 Ant. 6: 4.54 Ant. 7: 4.38 Ant. 8: 5.32

Antenna information for Directional Gain / TXBF Gain		
5925 MHz ~ 6425 MHz	Peak Gain (dBi)	<Ant. 5+6+7+8>: 4.90
6425 MHz ~ 6525 MHz	Peak Gain (dBi)	<Ant. 5+6+7+8>: 4.94
6525 MHz ~ 6875 MHz	Peak Gain (dBi)	<Ant. 5+6+7+8>: 5.40
6875 MHz ~ 7125 MHz	Peak Gain (dBi)	<Ant. 5+6+7+8>: 5.37

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

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.



### 1.3 Testing Location

<b>Test Site</b>	Sporton International Inc. EMC & Wireless Communications Laboratory
<b>Test Site Location</b>	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
<b>Test Site No.</b>	<b>Sporton Site No.</b> CO05-HY, DF02-HY (TAF Code: 1190)
<b>Remark</b>	The Conducted Emission and Contention Based Protocol test items subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory

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

<b>Test Site</b>	Sporton International Inc. Wensan Laboratory
<b>Test Site Location</b>	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
<b>Test Site No.</b>	<b>Sporton Site No.</b> TH05-HY, 03CH13-HY

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

FCC designation No.: TW1190 and TW3786

### 1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

**Remark:**

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



## 2 Test Configuration of Equipment Under Test

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

### 2.1 Carrier Frequency and Channel

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 320M	Channel	31							
	Freq. (MHz)	6105							

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 320M	Channel	63							
	Freq. (MHz)	6265							



<b>BW 20M</b>	<b>Channel</b>	65	69	73	77	81	85	89	93
	<b>Freq. (MHz)</b>	6275	6295	6315	6335	6355	6375	6395	6415
<b>BW 40M</b>	<b>Channel</b>	67		75		83		91	
	<b>Freq. (MHz)</b>	6285		6325		6365		6405	
<b>BW 80M</b>	<b>Channel</b>	71				87			
	<b>Freq. (MHz)</b>	6305				6385			
<b>BW 160M</b>	<b>Channel</b>	79							
	<b>Freq. (MHz)</b>	6345							
<b>BW 320M</b>	<b>Channel</b>	95							
	<b>Freq. (MHz)</b>	6425							

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

<b>BW 20M</b>	<b>Channel</b>	129	133	137	141	145	149	153	157
	<b>Freq. (MHz)</b>	6595	6615	6635	6655	6675	6695	6715	6735
<b>BW 40M</b>	<b>Channel</b>	131		139		147		155	
	<b>Freq. (MHz)</b>	6605		6645		6685		6725	
<b>BW 80M</b>	<b>Channel</b>	135				151			
	<b>Freq. (MHz)</b>	6625				6705			
<b>BW 160M</b>	<b>Channel</b>	143							
	<b>Freq. (MHz)</b>	6665							
<b>BW 320M</b>	<b>Channel</b>	127							
	<b>Freq. (MHz)</b>	6585							





<b>BW 20M</b>	<b>Channel</b>	161	165	169	173	177	181	185	189
	<b>Freq. (MHz)</b>	6755	6775	6795	6815	6835	6855	6875	6895
<b>BW 40M</b>	<b>Channel</b>	163		171		179		187	
	<b>Freq. (MHz)</b>	6765		6805		6845		6885	
<b>BW 80M</b>	<b>Channel</b>	167				183			
	<b>Freq. (MHz)</b>	6785				6865			
<b>BW 160M</b>	<b>Channel</b>	175							
	<b>Freq. (MHz)</b>	6825							
<b>BW 320M</b>	<b>Channel</b>	159							
	<b>Freq. (MHz)</b>	6725							

<b>BW 20M</b>	<b>Channel</b>	193	197	201	205	209	213	217	221
	<b>Freq. (MHz)</b>	6915	6935	6955	6975	6995	7015	7035	7055
<b>BW 40M</b>	<b>Channel</b>	195		203		211		219	
	<b>Freq. (MHz)</b>	6925		6965		7005		7045	
<b>BW 80M</b>	<b>Channel</b>	199				215			
	<b>Freq. (MHz)</b>	6945				7025			
<b>BW 160M</b>	<b>Channel</b>	207							
	<b>Freq. (MHz)</b>	6985							
<b>BW 320M</b>	<b>Channel</b>	191							
	<b>Freq. (MHz)</b>	6905							

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

<b>BW 20M</b>	<b>Channel</b>	233							
	<b>Freq. (MHz)</b>	7115							



## 2.2 Test Mode

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

This device supports full RU and OFDMA modes for 802.11be mode (Partial RU including RU52\*4 (20MHz), RU52\*8 (40MHz), RU106\*8 (80MHz), RU242\*8 (160MHz), RU242\*16 (320MHz)).

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

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

The power for 802.11ax mode is not greater than 802.11be mode, so all other conducted and radiated test is covered by 802.11be mode.

The TxBF mode of this device supports full RU.

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

### MIMO Mode

Modulation	Data Rate
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
802.11be EHT320	MCS0

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



**TXBF Mode**

Modulation	Data Rate
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
802.11be EHT320	MCS0

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

Test Cases	
<b>AC Conducted Emission</b>	Mode 1 : WLAN (6GHz) Link + LAN Link with Notebook + AC adapter 1
<b>Remark:</b> For Radiated Test Cases, the tests were performed with Adapter 1.	



Based on ANSI C63.10 clause 5.6.2.2, b) spurious emissions,  
Measure the mode with the highest output power and the mode with highest output power spectral density for each modulation family.

		5.6.2.2 (b) Spurious Emissions
UNII-5	20MHz	Covered by 160MHz
	40MHz	Covered by 160MHz
	80MHz	Covered by 160MHz
	160MHz	Test
	320MHz	Test
UNII-6	20MHz	Covered by 160MHz
	40MHz	Covered by 160MHz
	80MHz	Covered by 160MHz
	160MHz	Test
	320MHz	Test
UNII-7	20MHz	Covered by 160MHz
	40MHz	Covered by 160MHz
	80MHz	Covered by 160MHz
	160MHz	Test
	320MHz	Test
UNII-8	20MHz	Covered by 160MHz
	40MHz	Covered by 160MHz
	80MHz	Covered by 160MHz
	160MHz	Test
	320MHz	Test



<CDD Mode>

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT20	802.11be EHT20	802.11be EHT20	802.11be EHT20
L	Low	033	-	-	-
M	Middle	-	-	-	-
H	High	-	-	-	229, 233
Straddle		-	-	-	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT40	802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	035	-	-	-
M	Middle	-	-	-	-
H	High	-	-	-	227
Straddle		-	-	-	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT80	802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	039	-	-	-
M	Middle	-		-	-
H	High	-		-	215
Straddle		-	-	-	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT160	802.11be EHT160	802.11be EHT160	802.11be EHT160
L	Low	-	-	143	207
M	Middle	047			
H	High	079			
Straddle		-	111	175	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT320	802.11be EHT320	802.11be EHT320	802.11be EHT320
L	Low	-	-	-	-
M	Middle				
H	High				
Straddle		063	095	127, 159	191



<TXBF Mode>

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT20	802.11be EHT20	802.11be EHT20	802.11be EHT20
L	Low	033	-	-	-
M	Middle	-	-	-	-
H	High	-	-	-	229, 233
Straddle		-	-	-	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT40	802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	035	-	-	-
M	Middle	-	-	-	-
H	High	-	-	-	227
Straddle		-	-	-	-

Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT80	802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	039	-	-	-
M	Middle	-		-	-
H	High	-		-	215
Straddle		-	-	-	-

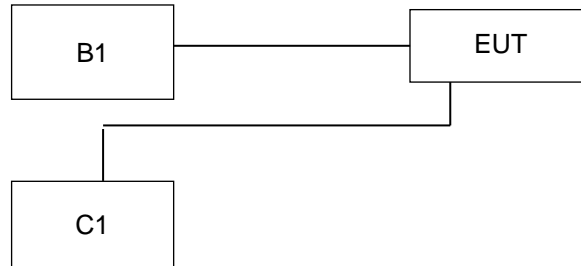
Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT160	802.11be EHT160	802.11be EHT160	802.11be EHT160
L	Low	-	-	143	207
M	Middle	047			
H	High	079			
Straddle		-	111	175	-



Ch. #		UNII-5 (5925-6425 MHz)	UNII-6 (6425-6525 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11be EHT320	802.11be EHT320	802.11be EHT320	802.11be EHT320
L	Low	-	-	-	-
M	Middle				
H	High				
<b>Straddle</b>		063	095	127, 159	191

**Remark:** 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



RF Test Setup									
No.	Power Source	Connection Type	Test Mode						
			1	2	-	-	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	X	-	-	-	-	-
No.	Setup Peripherals	Connection Type	1	2	-	-	-	-	-
C1	Notebook	RJ-45 Cable	X	X	-	-	-	-	-

## 2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Lenovo	82K10172TW	PD9AX201NG	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
2.	Notebook	Acer	N18Q13	PD9AX201NG	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
3.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

## 2.5 EUT Operation Test Setup

The RF test items, utility “QSPR Version:5.0-00202” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “QSPR Version:5.0-00202” software tool was used to enable the EUT to transmit signals continuously.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

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

For channels with a nominal bandwidth less than 320 Mhz, (e.g., 20, 40, 80, and 160 MHz), compliance is demonstrated by way of the 26 dB EBW.

For channels with a nominal bandwidth less than 320 Mhz, compliance is demonstrated by way of the 99% BW.

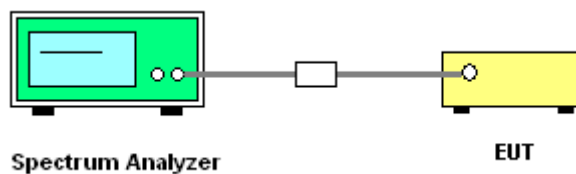
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



## 3.2 Fundamental Maximum EIRP Measurement

### 3.2.1 Limit of Fundamental Maximum EIRP

**<FCC 14-30 CFR 15.407>**

For an indoor access point operating in the 5.925–7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

**<CDD Modes>**

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

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

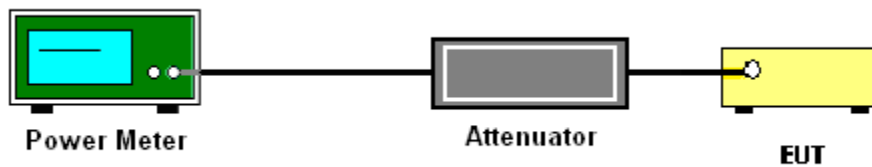
1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.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

**<TXBF Modes>**

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

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

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

**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)(5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

#### 3.3.2 Measuring Instruments

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

#### 3.3.3 Test Procedures

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

**<CDD Modes>**

**# Method SA-2 #**

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 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  $10 \log(1/0.25) = 6 \text{ dB}$  if the duty cycle is 25 percent.

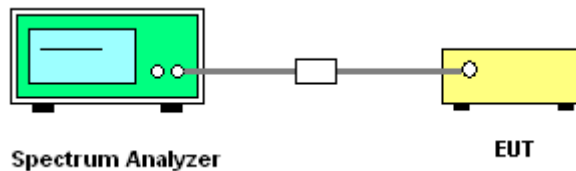
**<TXBF Modes>****# Method SA-3 #**

(power averaging (rms) detection with max hold):

- 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  $\leq$  (number of points in sweep)  $\times$  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.
  - Detector = power averaging (rms).
  - Trace mode = max hold.
  - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
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 PPSD and record it.
  3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

**3.3.4 Test Setup****3.3.5 Test Result of Power Spectral Density**

Please refer to Appendix A.



### 3.4 In-Band Emissions (Channel Mask)

#### 3.4.1 Limit of Unwanted Emissions

<FCC 14-30 CFR 15.407>

(b)(7) 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

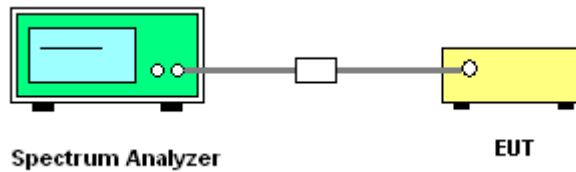
The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.

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 Contention Based Protocol

#### 3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

**Table 1. Criteria to determine number of times detection threshold test may be performed**

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ( $f_{c1} = f_{c2}$ )
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within $BW_{EUT}$
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within $BW_{EUT}$	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

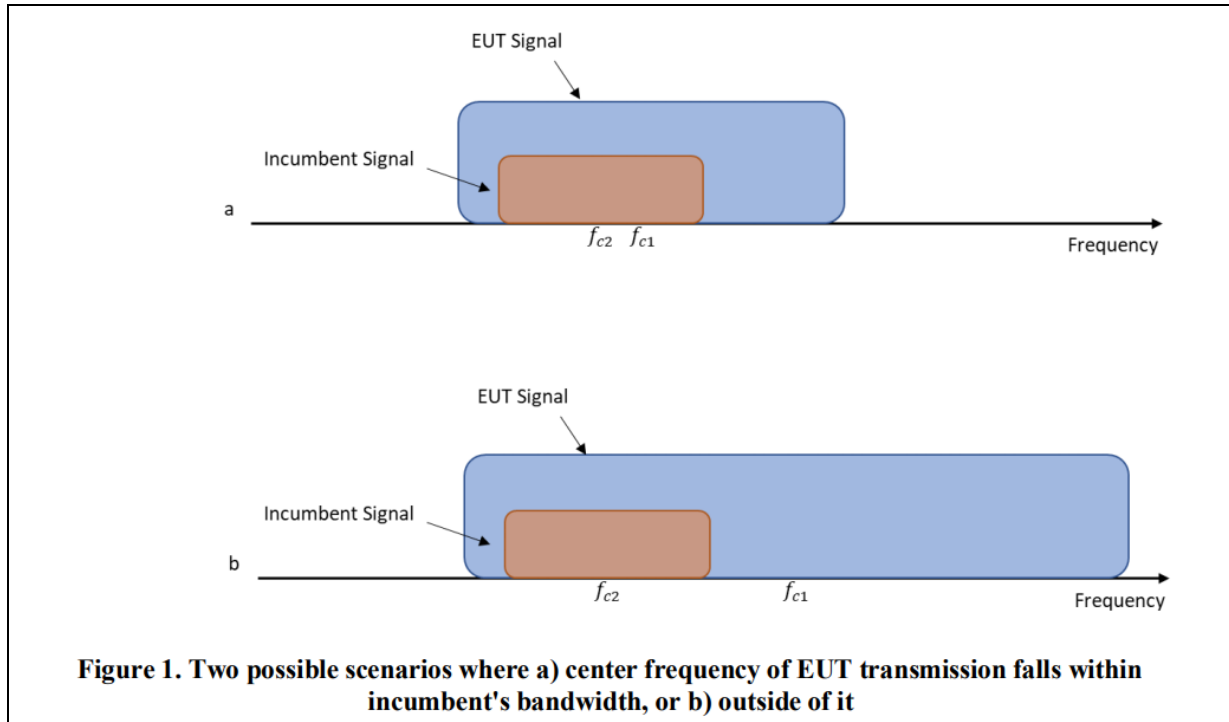
$BW_{EUT}$ : Transmission bandwidth of EUT signal

$BW_{Inc}$ : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$f_{c1}$ : Center frequency of EUT transmission

$f_{c2}$ : Center frequency of simulated incumbent signal





### 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 987594 D02 U-NII 6GHz EMC Measurement v01.

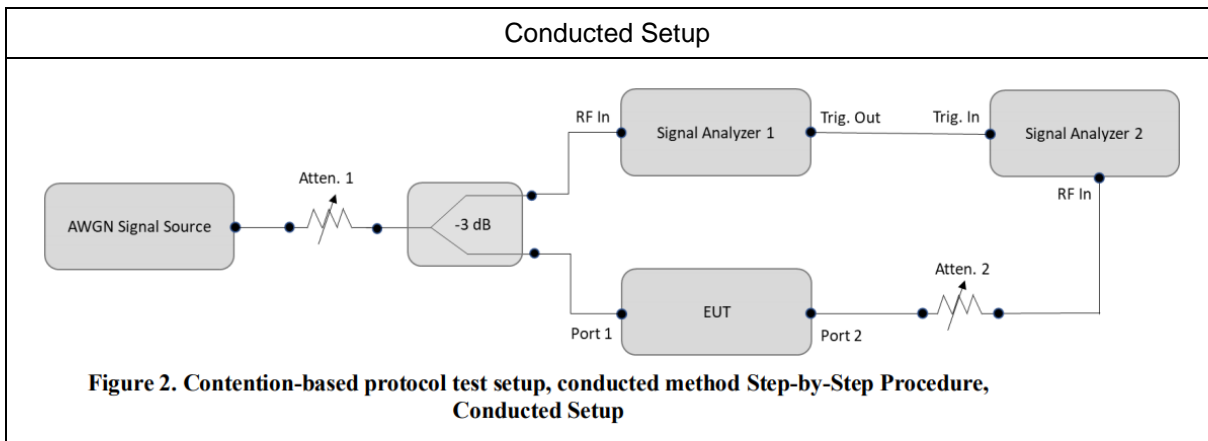
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in test setup Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in test setup Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
12. For the contention-based protocol test where only one channel in each supported sub-band needs to be tested. The narrowest and widest bandwidth in each channel shall be measured EUT was driven in MIMO mode, the interferer level was injected to both chains to monitor the performance, while the interferer level is determined according the lowest antenna gain among both antennas (i.e, lower interferer level).

**3.5.4 Test Setup**



**3.5.5 Support Unit used in test configuration and system**

Instrument	Brand Name	Model No.	Characteristics
Notebook	Acer	N15C1	LAN

**3.5.6 Antenna gain for Contention Based Protocol Test**

CBP Antenna Gain	<UNII-5>: 3.20 dBi
	<UNII-6>: 3.54 dBi
	<UNII-7>: 3.64 dBi
	<UNII-8>: 3.83 dBi



3.5.7 Test Summary of Contention Based Protocol Test

Test Engineer :	Rebecca Li and Kai Liao	Temperature :	22.5~26.6°C
		Relative Humidity :	46.7~54.8%

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)	
UNII Band 5	6135	20	6135	-70.07	100	-62	-73.27	11.27	
				Result: Stop Transmission					
				-83.07	< 90	-62	-86.27	24.27	
				Result: Minimal Operation					
				-84.07	0	-62	-87.27	25.27	
				Result: Normal Operation					
	6265	320	6110	-68.32	100	-62	-71.52	9.52	
				Result: Stop Transmission					
				-74.32	< 90	-62	-77.52	15.52	
				Result: Minimal Operation					
				-75.32	0	-62	-78.52	16.52	
				Result: Normal Operation					
			6420	6265	-65.46	100	-62	-68.66	6.66
					Result: Stop Transmission				
					-75.46	< 90	-62	-78.66	16.66
					Result: Minimal Operation				
					-77.46	0	-62	-79.66	17.66
					Result: Normal Operation				
6420	6265	-75.61	100	-62	-78.81	16.81			
		Result: Stop Transmission							
		-81.61	< 90	-62	-84.81	22.81			
		Result: Minimal Operation							
6420	6265	-82.61	0	-62	-85.81	23.81			
		Result: Normal Operation							

**Note 1:** 20MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.2 dBi).

**Note 2:** 320MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.2 dBi)

**Note 2:** The antenna gain has included the path loss between RF connector and antenna.

**Note 3:** Margin = Regulated Threshold level - Adjusted Power.



Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)		
UNII Band 6	6455	20	6455	-72.73	100	-62	-76.27	14.27		
				Result: Stop Transmission						
				-80.73	< 90	-62	-84.27	22.27		
				Result: Minimal Operation						
				-81.73	0	-62	-85.27	23.27		
				Result: Normal Operation						
	6505	160	6430	-69.99	100	-62	-73.19	11.19		
				Result: Stop Transmission						
				-76.99	< 90	-62	-80.19	18.19		
				Result: Minimal Operation						
				-77.99	0	-62	-81.19	19.19		
				Result: Normal Operation						
			6505	160	6505	-67.13	100	-62	-70.33	8.33
						Result: Stop Transmission				
						-79.13	< 90	-62	-82.33	20.33
					Result: Minimal Operation					
					-80.13	0	-62	-83.33	21.33	
					Result: Normal Operation					
6580	160	6580	-77.79	100	-62	-80.99	18.99			
			Result: Stop Transmission							
			-81.79	< 90	-62	-84.99	22.99			
Result: Minimal Operation										
-82.79	0	-62	-85.99	23.99						
Result: Normal Operation										

**Note 1:** 20MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.54 dBi).

**Note 2:** 160MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.20 dBi).

**Note 3:** The antenna gain has included the path loss between RF connector and antenna.

**Note 4:** Margin = Regulated Threshold level - Adjusted Power.



Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)		
UNII Band 7	6695	20	6695	-75.81	100	-62	-79.45	17.45		
				Result: Stop Transmission						
				-80.81	< 90	-62	-84.45	22.45		
				Result: Minimal Operation						
				-81.81	0	-62	-85.45	26.45		
				Result: Normal Operation						
	6745	320	6590	-69.87	100	-62	-73.51	11.51		
				Result: Stop Transmission						
				-78.87	< 90	-62	-82.51	10.51		
				Result: Minimal Operation						
				-79.87	0	-62	-83.51	11.51		
				Result: Normal Operation						
			6745	320	6745	-69.79	100	-62	-73.43	11.43
						Result: Stop Transmission				
						-74.79	< 90	-62	-78.43	16.43
						Result: Minimal Operation				
						-75.79	0	-62	-79.43	17.43
						Result: Normal Operation				
6900	320	6900	-75.63	100	-62	-79.27	17.27			
			Result: Stop Transmission							
			-82.63	< 90	-62	-86.27	24.27			
			Result: Minimal Operation							
6900	320	6900	-83.63	0	-62	-87.27	25.27			
			Result: Normal Operation							

**Note 1:** 20MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.64 dBi).

**Note 2:** 320MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.64 dBi)

**Note 3:** The antenna gain has included the path loss between RF connector and antenna.

**Note 4:** Margin = Regulated Threshold level - Adjusted Power.



Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)	
UNII Band 8	7015	20	7015	-75.57	100	-62	-79.40	17.40	
				Result: Stop Transmission					
				-83.57	< 90	-62	-87.40	25.40	
				Result: Minimal Operation					
				-84.57	0	-62	-88.40	26.40	
				Result: Normal Operation					
	6985	160	6910	-72.83	100	-62	-76.47	14.47	
				Result: Stop Transmission					
				-78.83	< 90	-62	-82.47	20.47	
				Result: Minimal Operation					
				-79.83	0	-62	-83.47	21.47	
				Result: Normal Operation					
			7060	7060	-69.66	100	-62	-73.30	11.30
					Result: Stop Transmission				
					-74.66	< 90	-62	-78.30	16.30
					Result: Minimal Operation				
					-75.66	0	-62	-79.30	17.30
					Result: Normal Operation				
7060	7060	-82.00	100	-62	-85.64	23.64			
		Result: Stop Transmission							
		-84.00	< 90	-62	-87.64	25.64			
		Result: Minimal Operation							
-85.00	0	-62	-88.64	26.64					
Result: Normal Operation									

**Note 1:** 20MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.83 dBi).

**Note 2:** 160MHz Adjusted Power = Injected AWGN Level - minimum antenna gain (3.64 dBi)

**Note 3:** The antenna gain has included the path loss between RF connector and antenna.

**Note 4:** Margin = Regulated Threshold level - Adjusted Power.



3.5.8 Test Plots of Contention Based Protocol Test

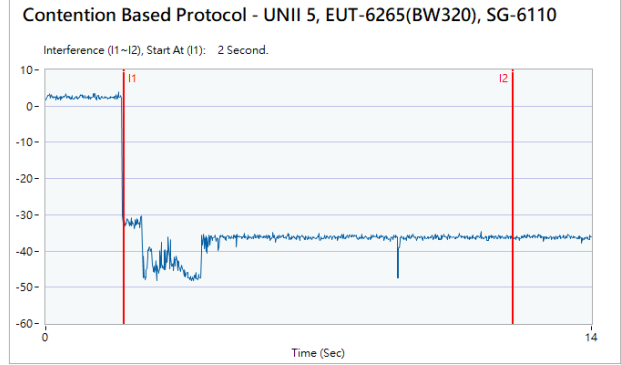
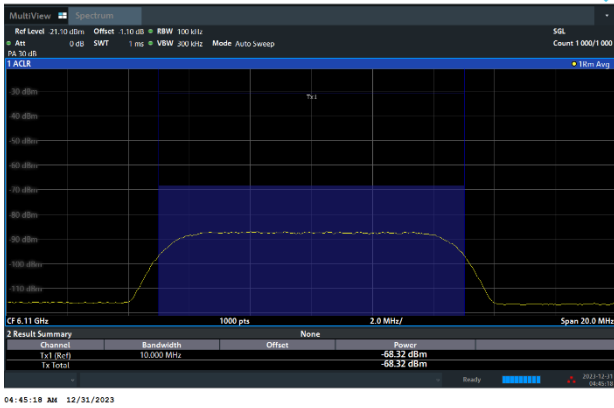
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
<p>802.11be (EHT20) / 6135MHz Threshold Level (TL) = -70.07dBm</p>	<p>802.11be (EHT20) / CH37 Test result is pass due to no transmission occur.</p>
<p>802.11be (EHT20) / 6135MHz Threshold Level (TL) = -71.07dBm</p>	<p>802.11be (EHT20) / CH37 Transmit when the interferer is 1dB lower.</p>



Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

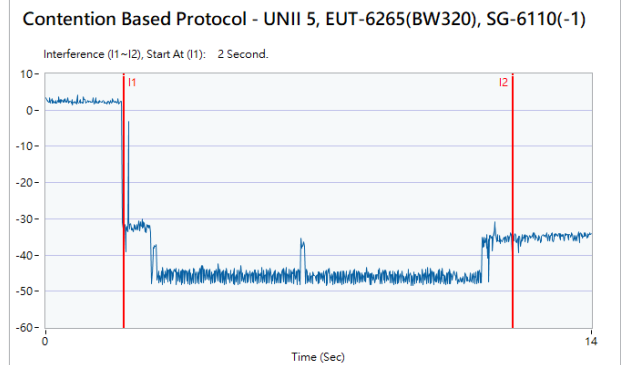
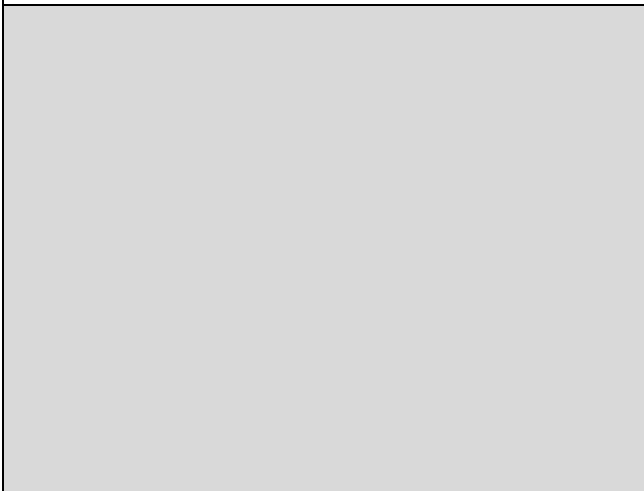
802.11be (EHT320) / 6110MHz (Lower edge)  
Threshold Level (TL) = -68.32dBm

802.11be (EHT320) / CH63 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6110MHz (Lower edge)  
Threshold Level (TL) = -69.32dBm

802.11be (EHT320) / CH63 (Lower edge)  
Transmit when the interferer is 1dB lower.



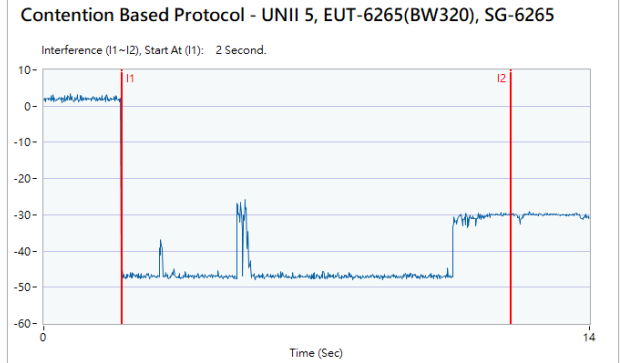
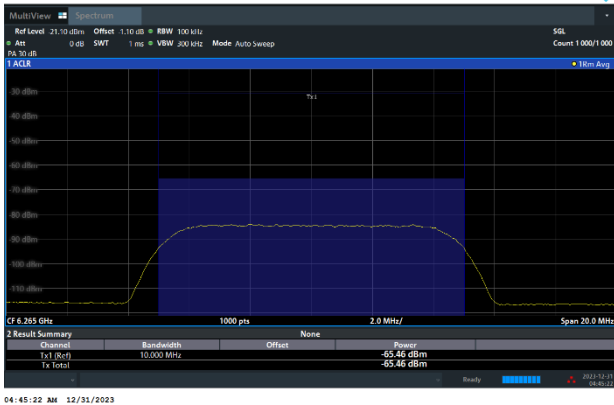




Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

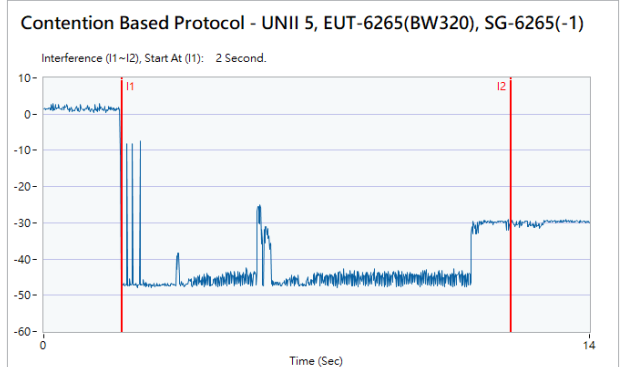
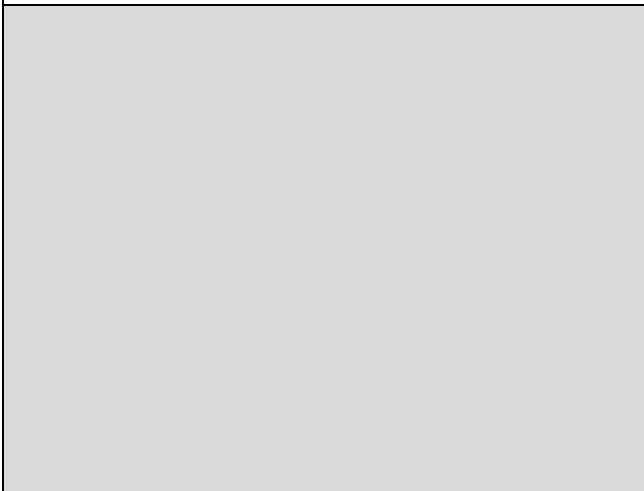
802.11be (EHT320) / 6265MHz (Middle)  
Threshold Level (TL) = -65.46dBm

802.11be (EHT320) / CH63 (Middle)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6265MHz (Middle)  
Threshold Level (TL) = -66.46dBm

802.11be (EHT320) / CH63 (Middle)  
Transmit when the interferer is 1dB lower.

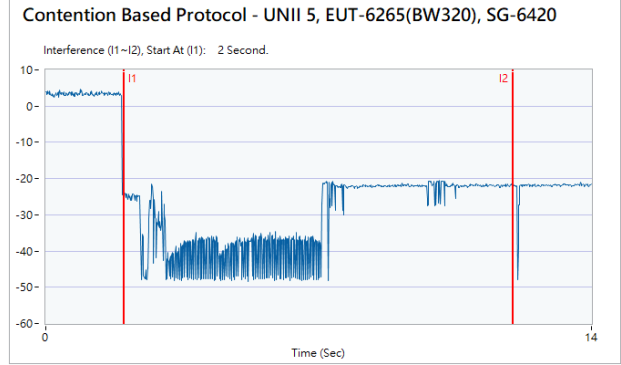
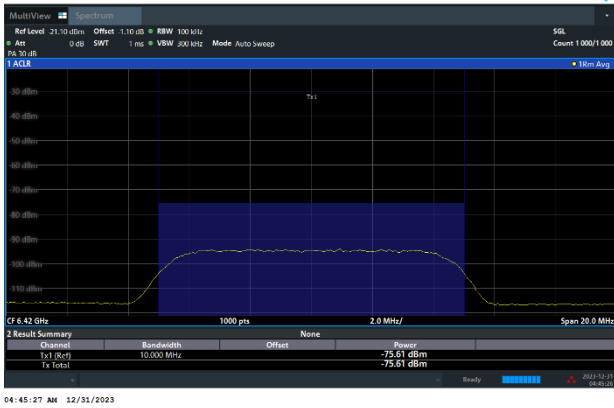




Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

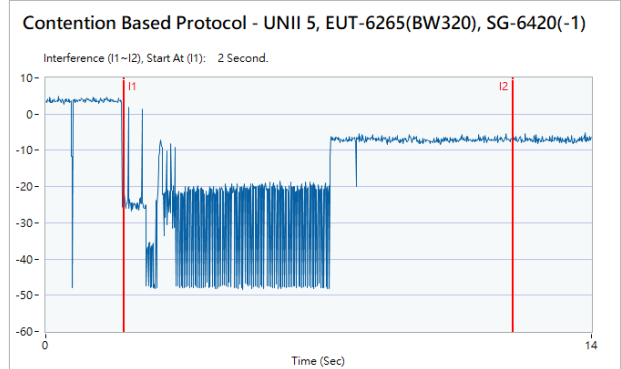
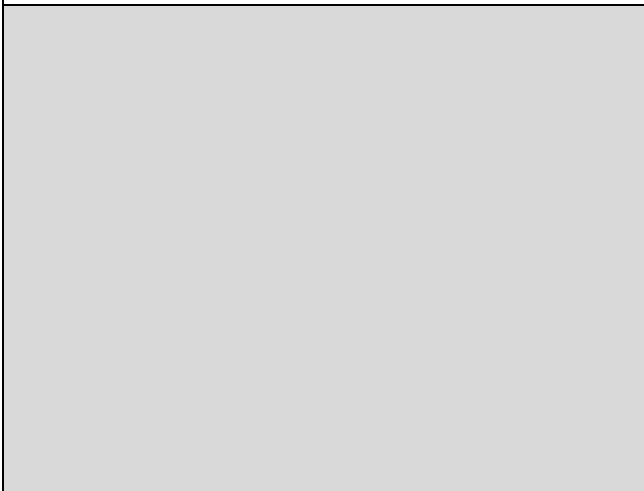
802.11be (EHT320) / 6420MHz (Upper edge)  
Threshold Level (TL) = -76.61dBm

802.11be (EHT320) / CH63 (Upper edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6420MHz (Upper edge)  
Threshold Level (TL) = -76.61dBm

802.11be (EHT320) / CH63 (Upper edge)  
Transmit when the interferer is 1dB lower.

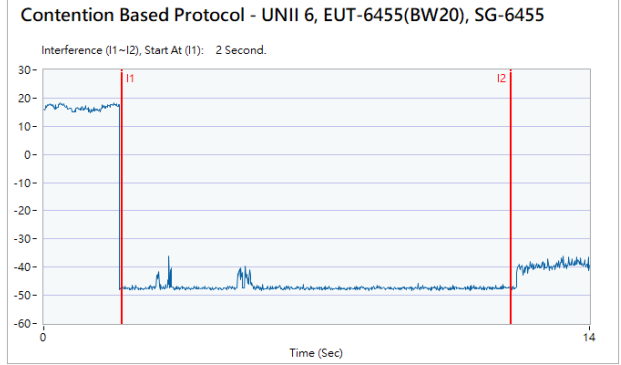
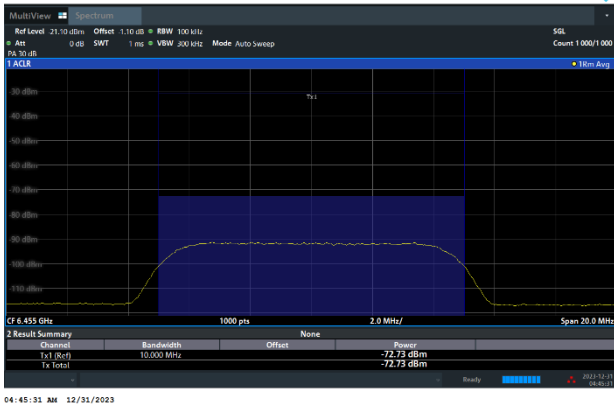




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

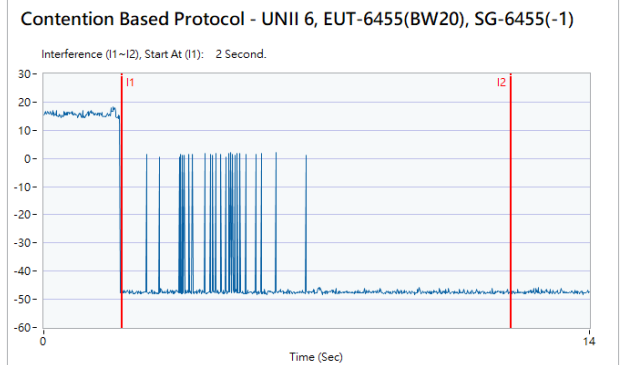
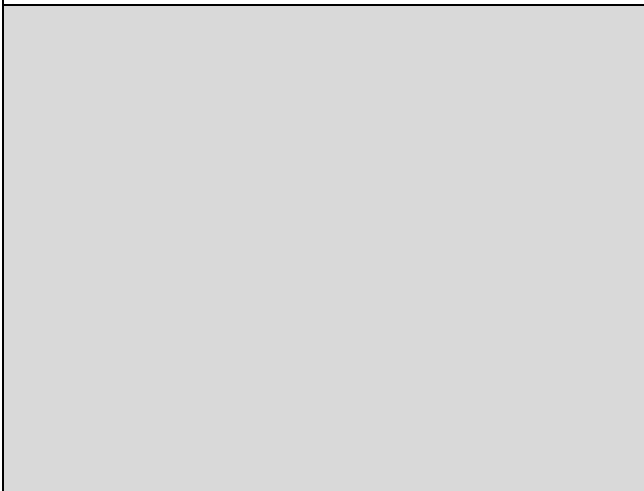
802.11be (EHT20) / 6455MHz  
Threshold Level (TL) = -72.73dBm

802.11be (EHT20) / CH101  
Test result is pass due to no transmission occur.



802.11be (EHT20) / 6455MHz  
Threshold Level (TL) = -73.73dBm

802.11be (EHT20) / CH101  
Transmit when the interferer is 1dB lower.

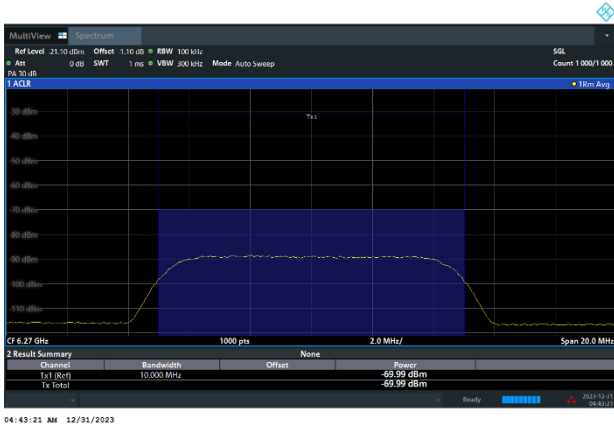




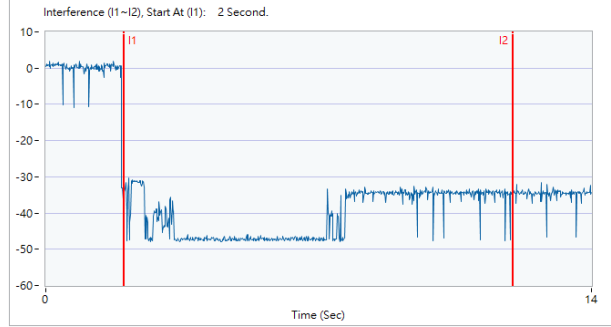
Contention Based Protocol Result Plots on U-NII 5 & 6 & 7 (AWGN Interference)

802.11be (EHT320) / 6270MHz (Lower edge)  
Threshold Level (TL) = -69.99dBm

802.11be (EHT320) / CH95 (Lower edge)  
Test result is pass due to no transmission occur.

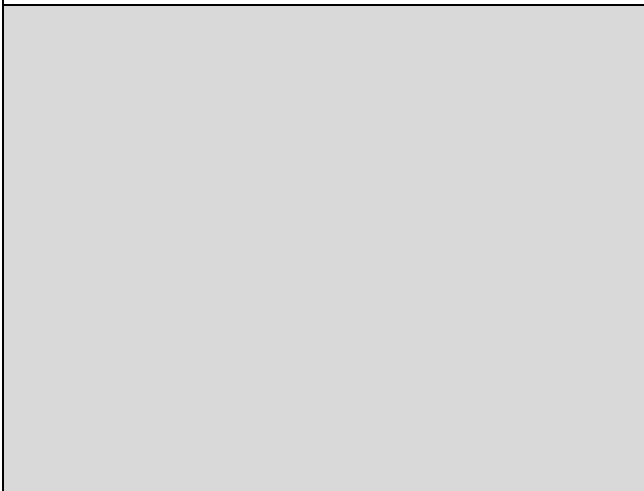


Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6270

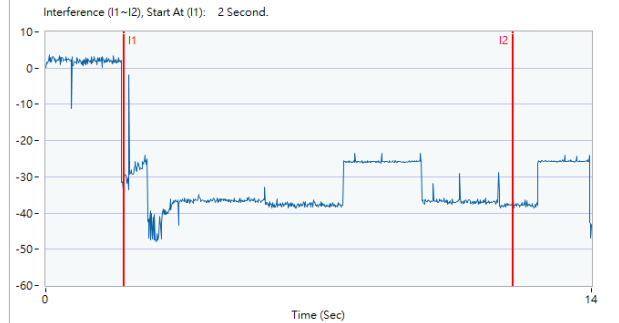


802.11be (EHT320) / 6270MHz (Lower edge)  
Threshold Level (TL) = -70.99dBm

802.11be (EHT320) / CH95 (Lower edge)  
Transmit when the interferer is 1dB lower.



Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6270(-1)

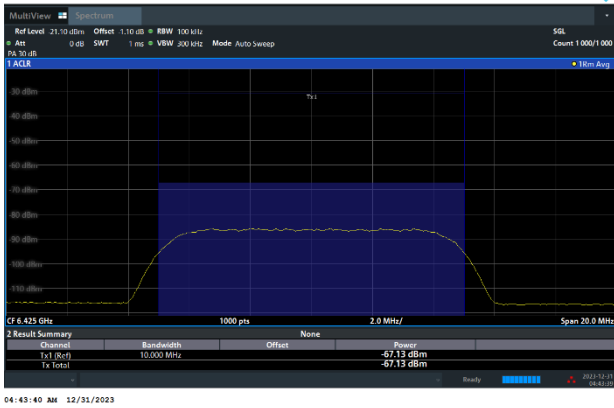




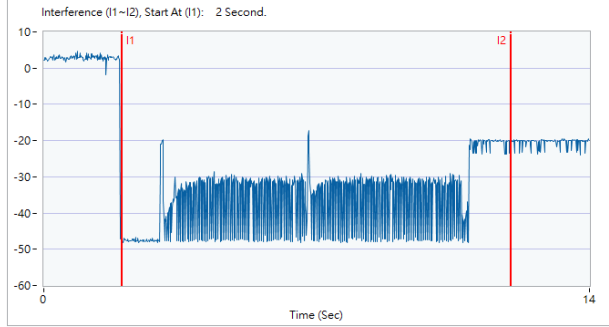
Contention Based Protocol Result Plots on U-NII 5 & 6 & 7 (AWGN Interference)

802.11be (EHT320) / 6425MHz (Middle)  
Threshold Level (TL) = -67.13dBm

802.11be (EHT320) / CH95 (Middle)  
Test result is pass due to no transmission occur.

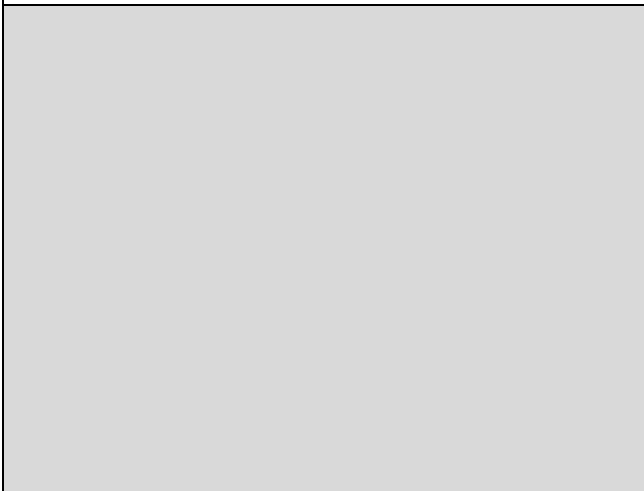


Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6425

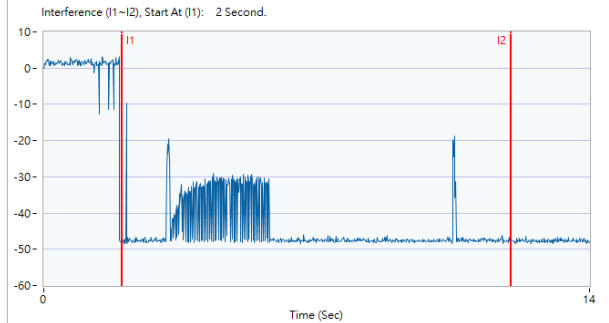


802.11be (EHT320) / 6425MHz (Middle)  
Threshold Level (TL) = -68.13dBm

802.11be (EHT320) / CH95 (Middle)  
Transmit when the interferer is 1dB lower.



Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6425(-1)

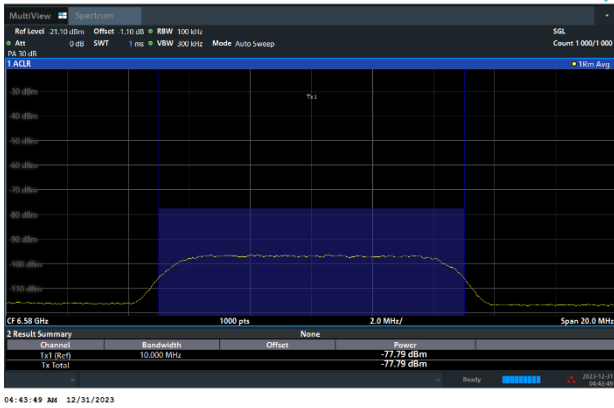




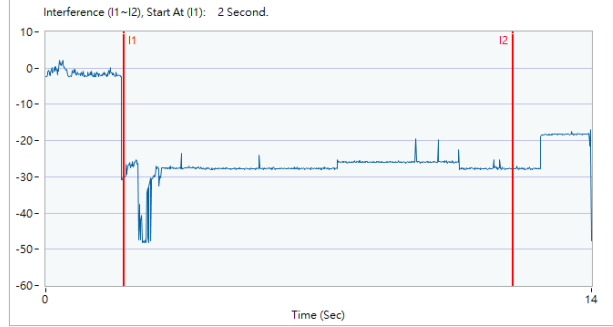
Contention Based Protocol Result Plots on U-NII 5 & 6 & 7 (AWGN Interference)

802.11be (EHT320) / 6580MHz (Upper edge)  
Threshold Level (TL) = -77.79dBm

802.11be (EHT320) / CH95 (Upper edge)  
Test result is pass due to no transmission occur.

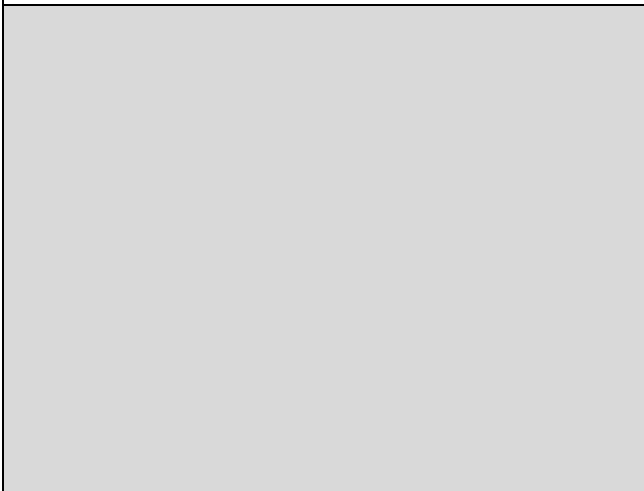


Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6580

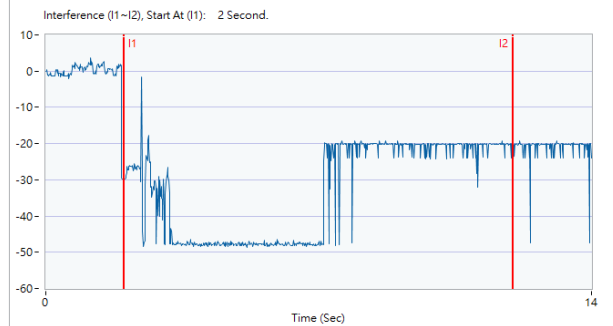


802.11be (EHT320) / 6580MHz (Upper edge)  
Threshold Level (TL) = -78.79dBm

802.11be (EHT320) / CH95 (Upper edge)  
Transmit when the interferer is 1dB lower.



Contention Based Protocol - UNII 5~7, EUT-6425(BW320), SG-6580(-1)

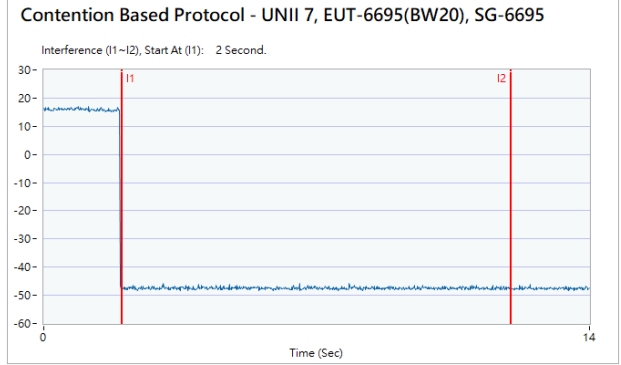
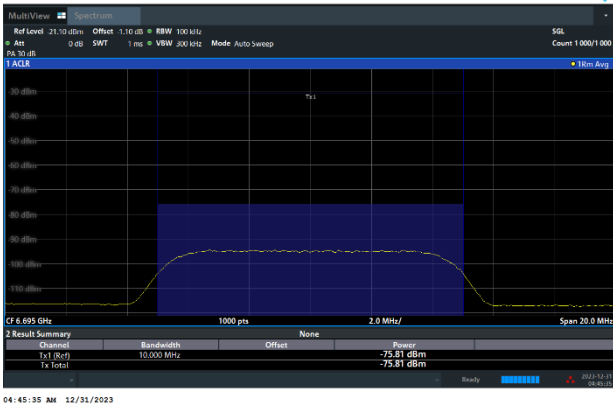




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

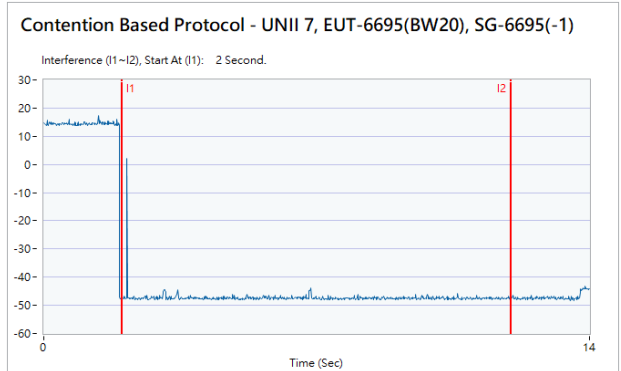
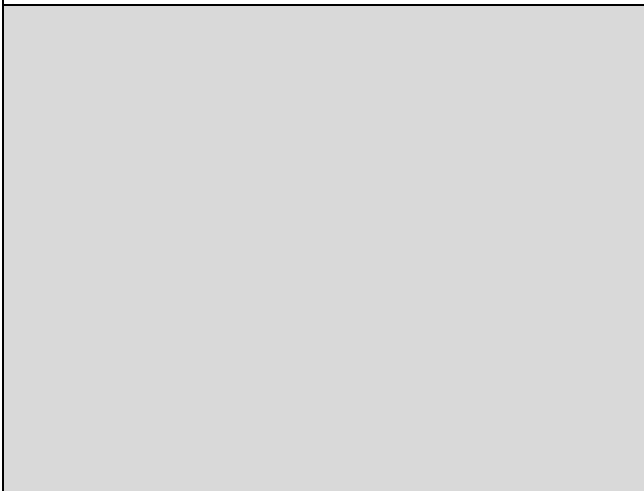
802.11be (EHT20) / 6695MHz  
Threshold Level (TL) = -75.81dBm

802.11be (EHT20) / CH149  
Test result is pass due to no transmission occur.



802.11be (EHT20) / 6695MHz  
Threshold Level (TL) = -76.81dBm

802.11be (EHT20) / CH149  
Transmit when the interferer is 1dB lower.

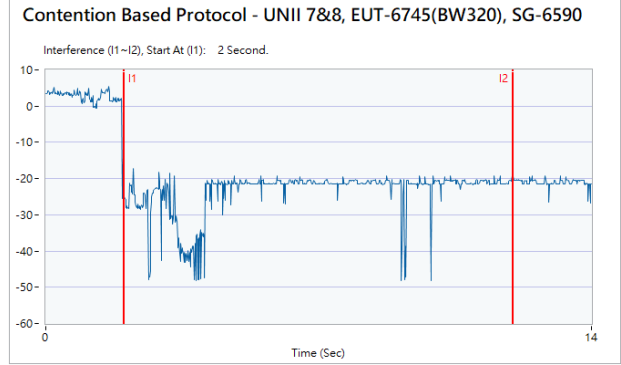
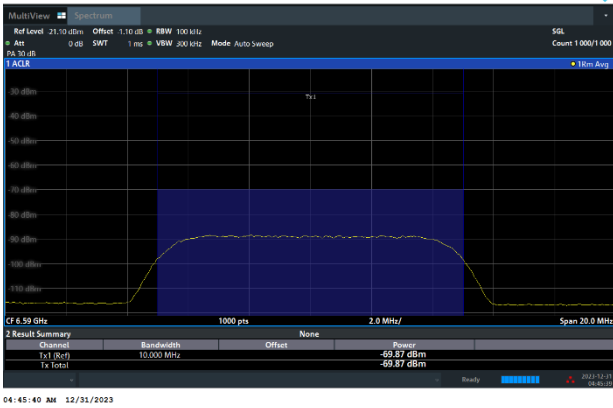




Contention Based Protocol Result Plots on U-NII 7 & 8 (AWGN Interference)

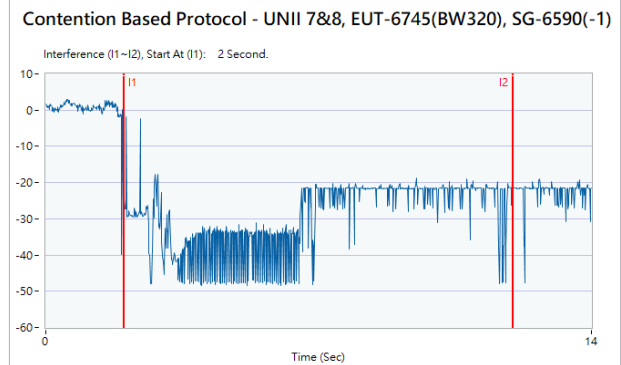
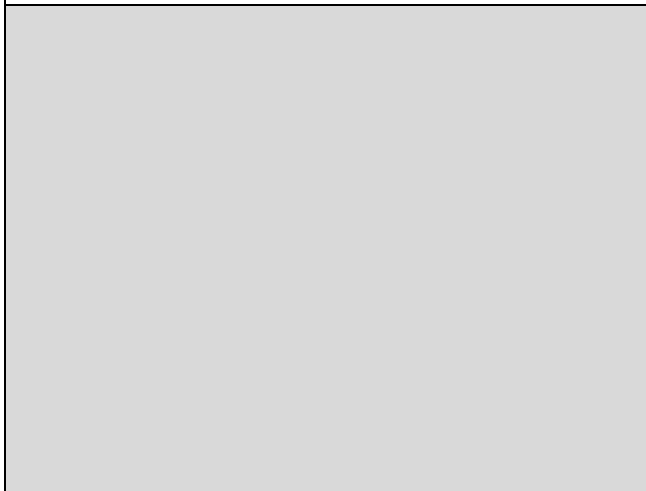
802.11be (EHT320) / 6590MHz (Lower edge)  
Threshold Level (TL) = -69.87dBm

802.11be (EHT320) / CH159 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6590MHz (Lower edge)  
Threshold Level (TL) = -70.87dBm

802.11be (EHT320) / CH159 (Lower edge)  
Transmit when the interferer is 1dB lower.



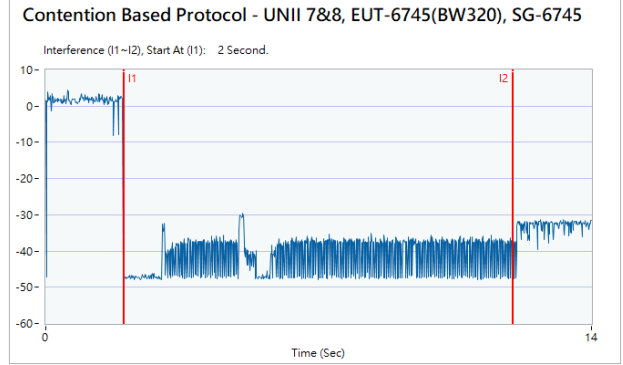
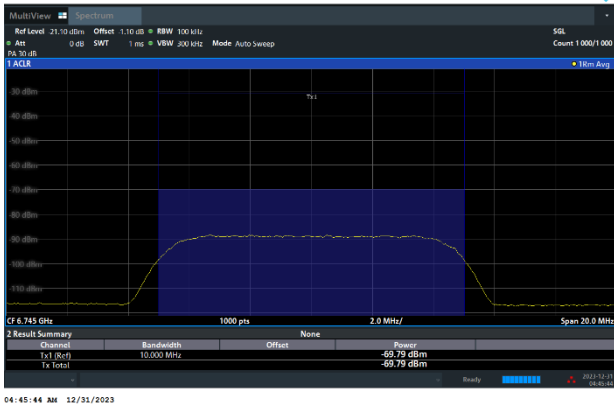




Contention Based Protocol Result Plots on U-NII 7 & 8 (AWGN Interference)

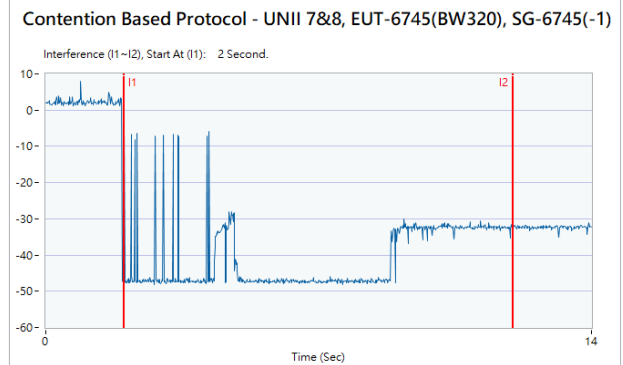
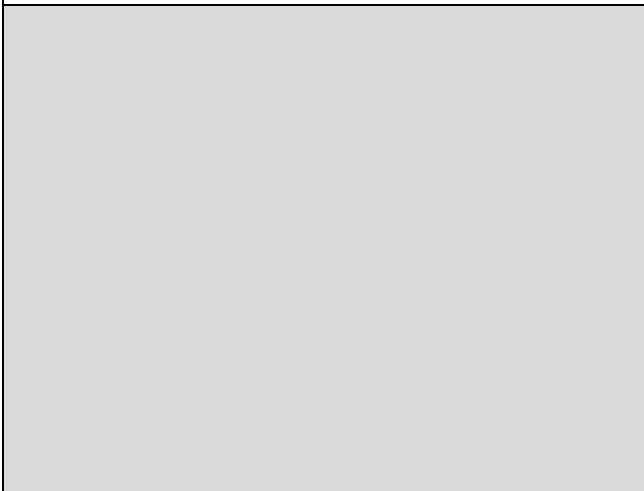
802.11be (EHT320) / 6745MHz (Middle)  
Threshold Level (TL) = -69.79dBm

802.11be (EHT320) / CH159 (Middle)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6745MHz (Middle)  
Threshold Level (TL) = -70.79dBm

802.11be (EHT320) / CH159 (Middle)  
Transmit when the interferer is 1dB lower.

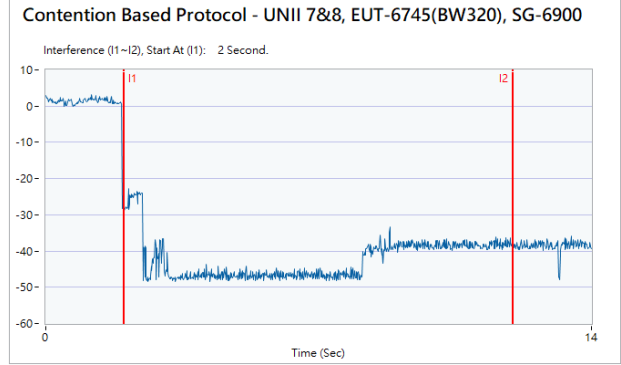
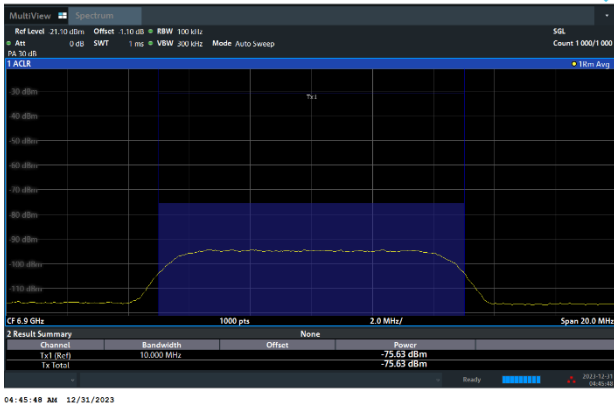




Contention Based Protocol Result Plots on U-NII 7 & 8 (AWGN Interference)

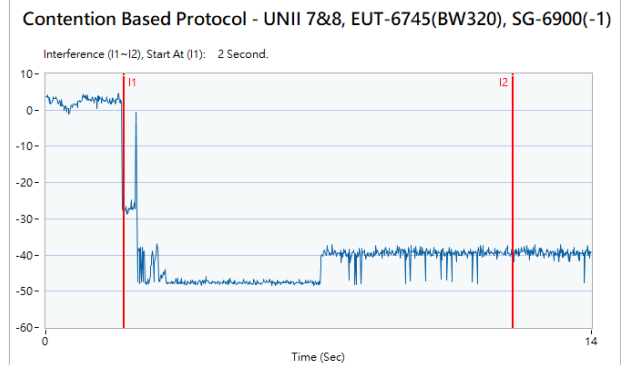
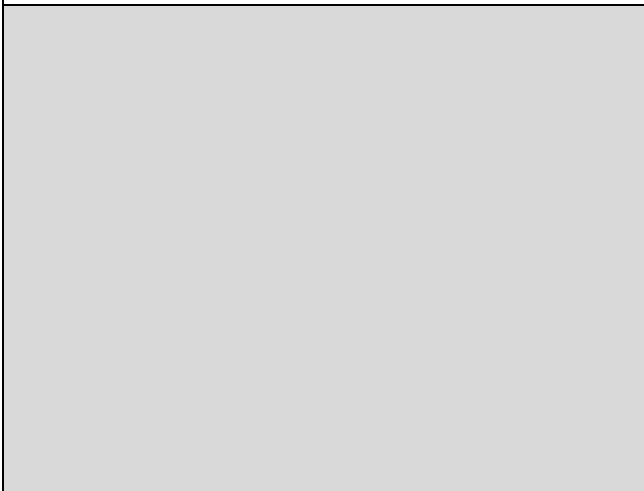
802.11be (EHT320) / 6900MHz (Upper edge)  
Threshold Level (TL) = -75.63dBm

802.11be (EHT320) / CH159 (Upper edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6900MHz (Upper edge)  
Threshold Level (TL) = -76.63dBm

802.11be (EHT320) / CH159 (Upper edge)  
Transmit when the interferer is 1dB lower.

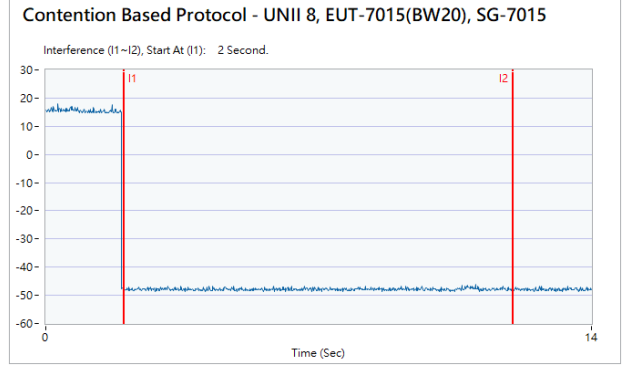
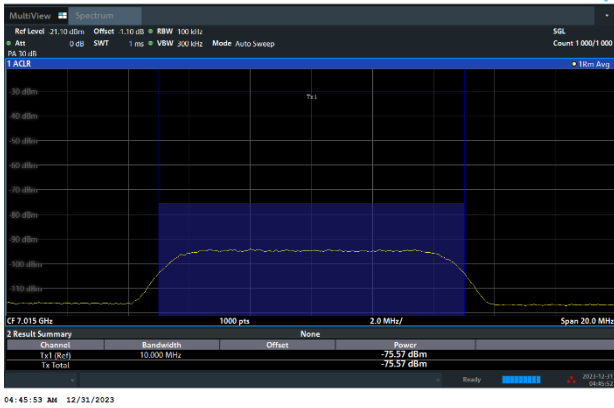




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

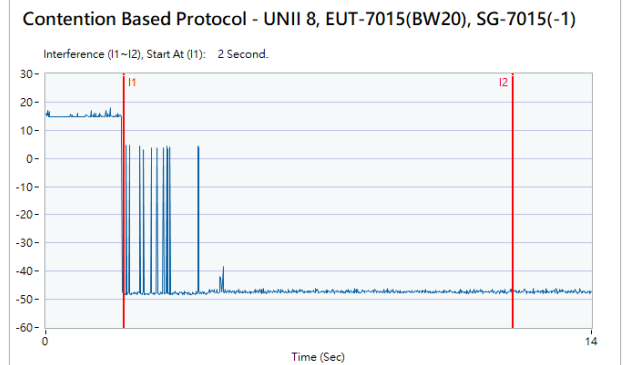
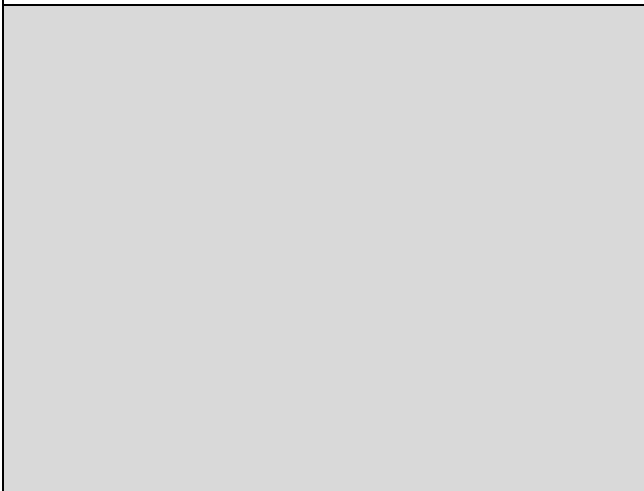
802.11be (EHT20) / 7015MHz  
Threshold Level (TL) = -75.57dBm

802.11be (EHT20) / CH213  
Test result is pass due to no transmission occur.



802.11be (EHT20) / 7015MHz  
Threshold Level (TL) = -76.57dBm

802.11be (EHT20) / CH213  
Transmit when the interferer is 1dB lower.

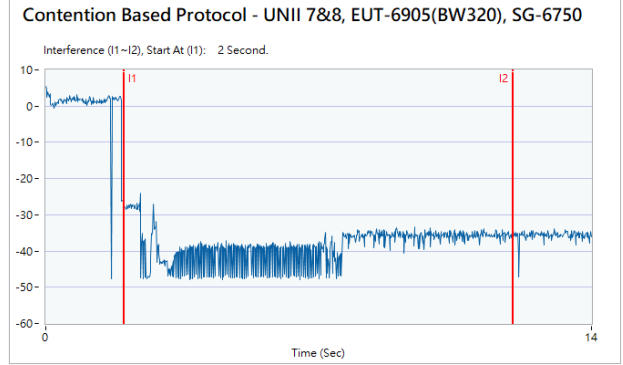
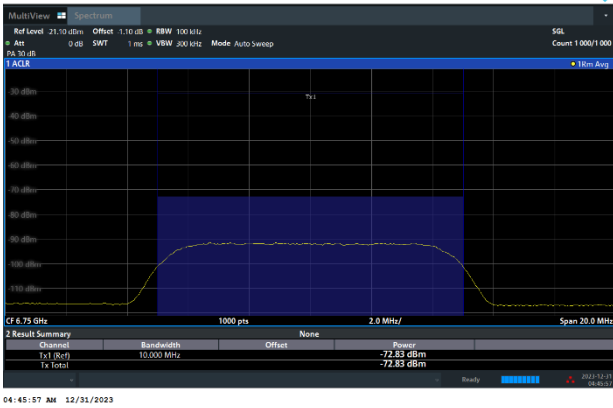




Contention Based Protocol Result Plots on U-NII 7& 8 (AWGN Interference)

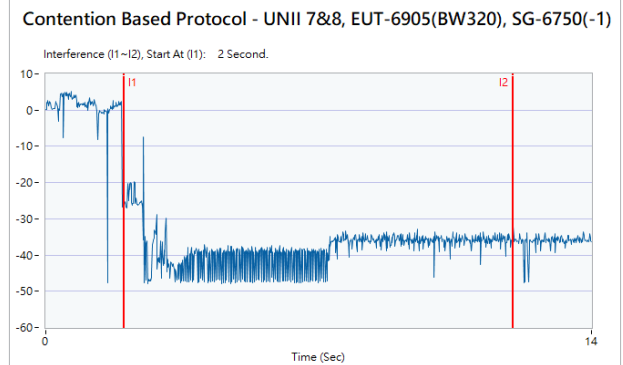
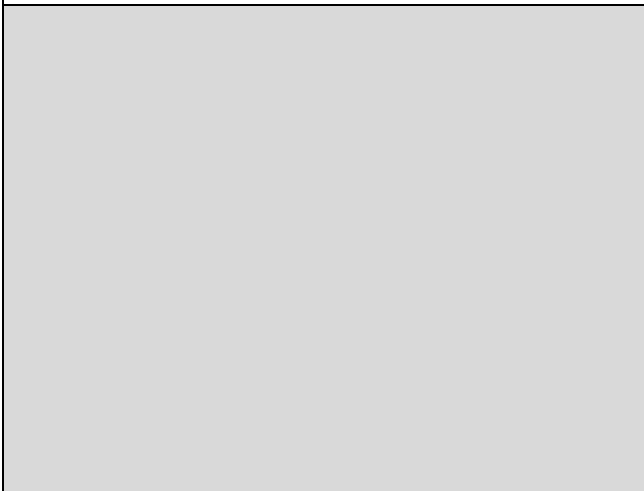
802.11be (EHT320) / 6750MHz (Lower edge)  
Threshold Level (TL) = -72.83dBm

802.11be (EHT320) / CH191 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6750MHz (Lower edge)  
Threshold Level (TL) = -73.83dBm

802.11be (EHT320) / CH191 (Lower edge)  
Transmit when the interferer is 1dB lower.

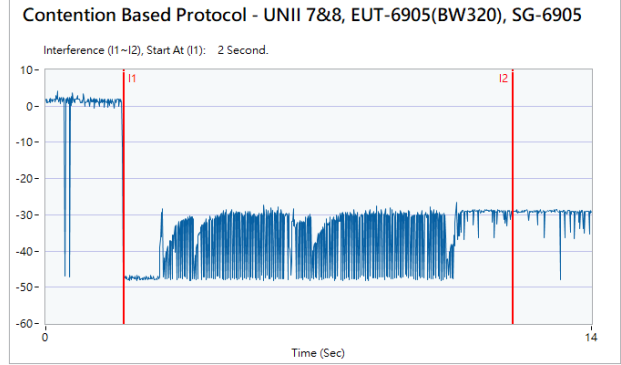
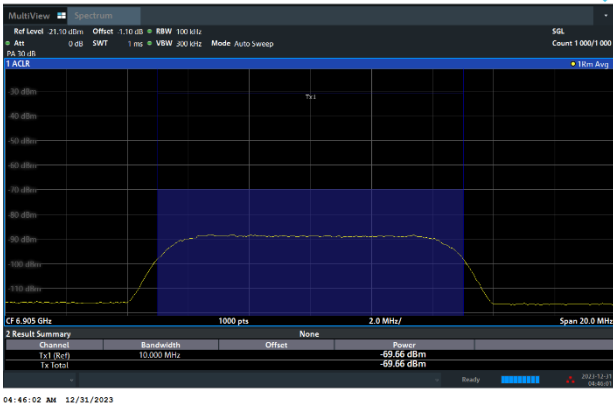




Contention Based Protocol Result Plots on U-NII 7& 8 (AWGN Interference)

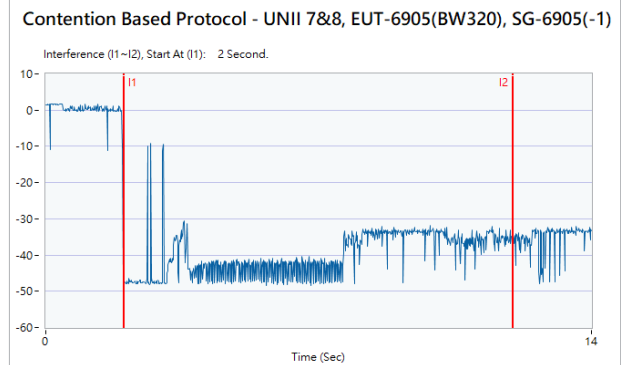
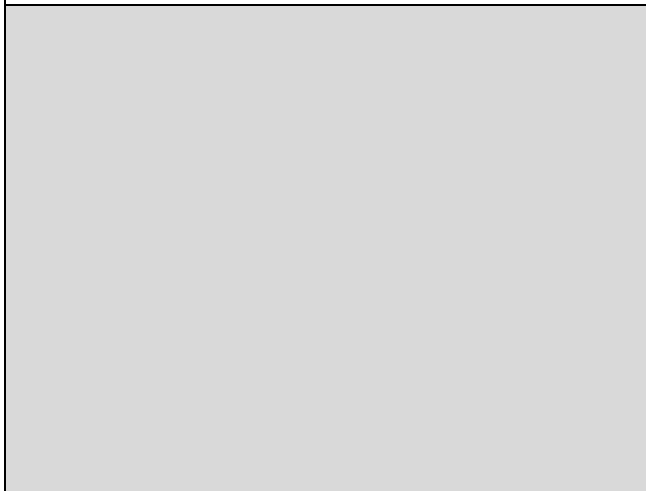
802.11be (EHT320) / 6905MHz (Middle)  
Threshold Level (TL) = -69.66dBm

802.11be (EHT320) / CH191 (Middle)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6905MHz (Middle)  
Threshold Level (TL) = -70.66dBm

802.11be (EHT320) / CH191 (Middle)  
Transmit when the interferer is 1dB lower.

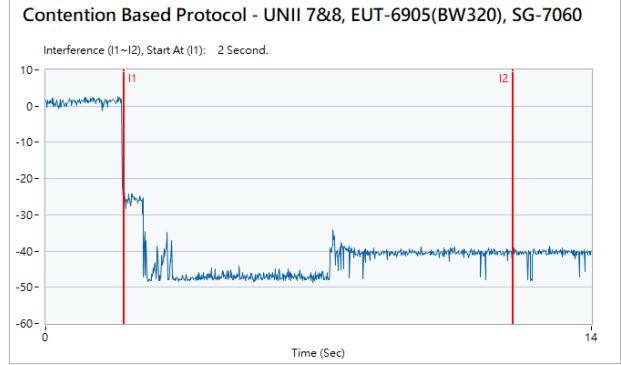
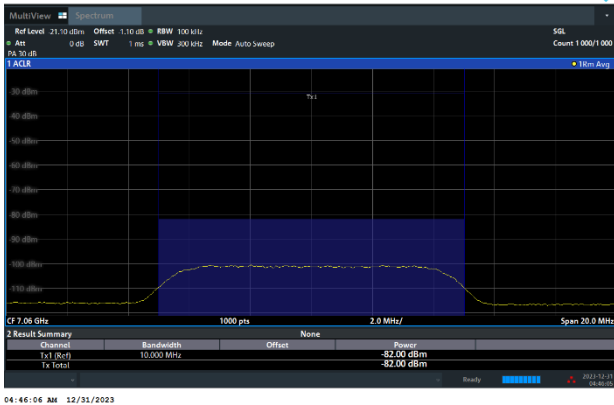




Contention Based Protocol Result Plots on U-NII 7& 8 (AWGN Interference)

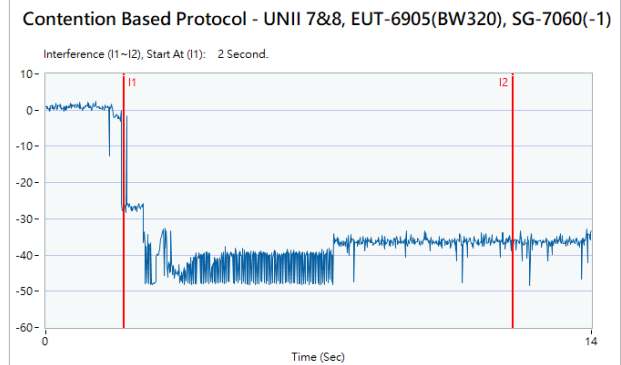
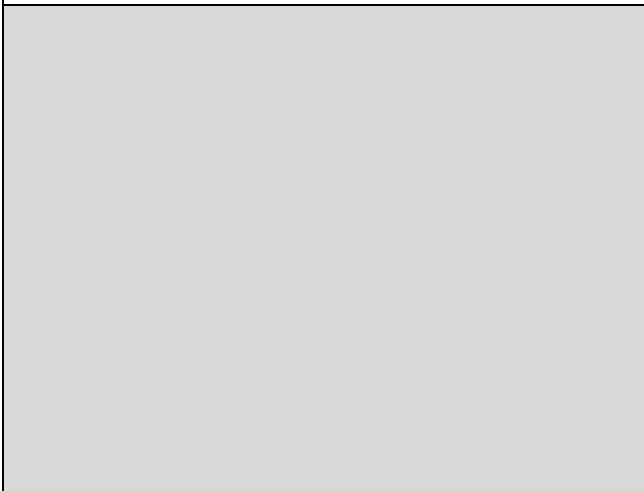
802.11be (EHT320) / 7060MHz (Upper edge)  
Threshold Level (TL) = -82.00dBm

802.11be (EHT320) / CH191 (Upper edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 7060MHz (Upper edge)  
Threshold Level (TL) = -83.00dBm

802.11be (EHT320) / CH191 (Upper edge)  
Transmit when the interferer is 1dB lower.





CBP verify with frequency domain plots

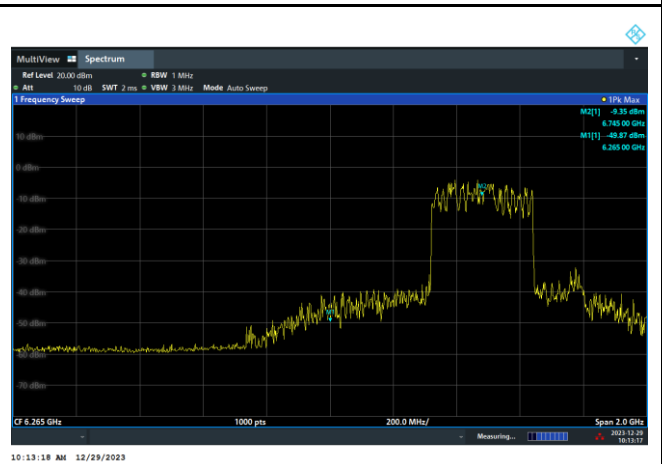
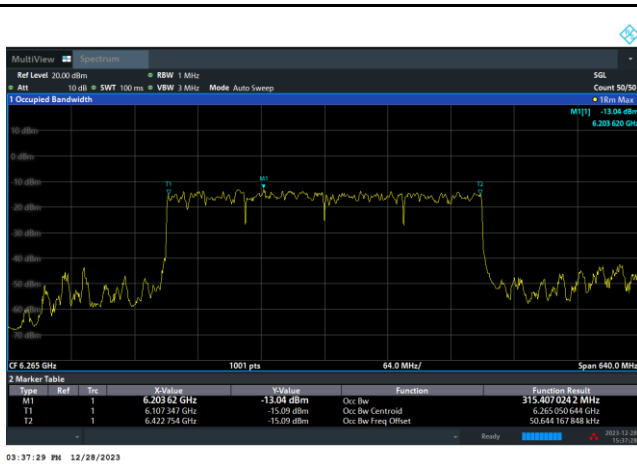
The device does not support channel puncturing and bandwidth reduction operation with regards to Contention Based Protocol.

The entire bandwidth 320MHz changes to a new 320MHz channel after the incumbent signal appears.

Otherwise, the entire 320MHz bandwidth is reduced to 20MHz or 40MHz first, than changes to a new 320MHz channel.

Before incumbent injected on 320MHz channel.

After 10MHz incumbent injected on center of channel, the entire 320MHz bandwidth changes to a new 320MHz channel



After 10MHz incumbent injected on bottom of channel, the EUT bandwidth is reduced from 320MHz to 80MHz first, than changes to a new 320MHz channel.

After 10MHz incumbent injected on bottom of channel, the EUT bandwidth is reduced from 320MHz to 320MHz first, than changes to a new 320MHz channel.





### 3.6 Unwanted Emissions Measurement

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

#### 3.6.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBµV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen 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.

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

#### 3.6.2 Measuring Instruments

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



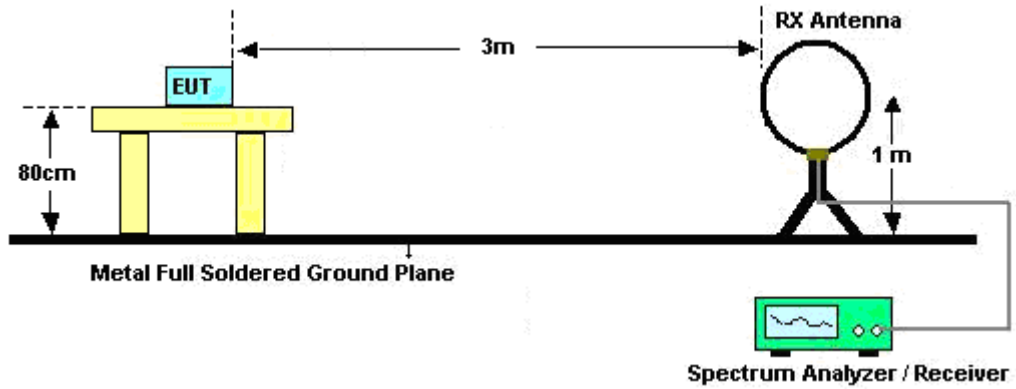


### 3.6.3 Test Procedures

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 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW  $\geq$  3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold
  - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
    - RBW = 1 MHz
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW  $\geq$  1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.

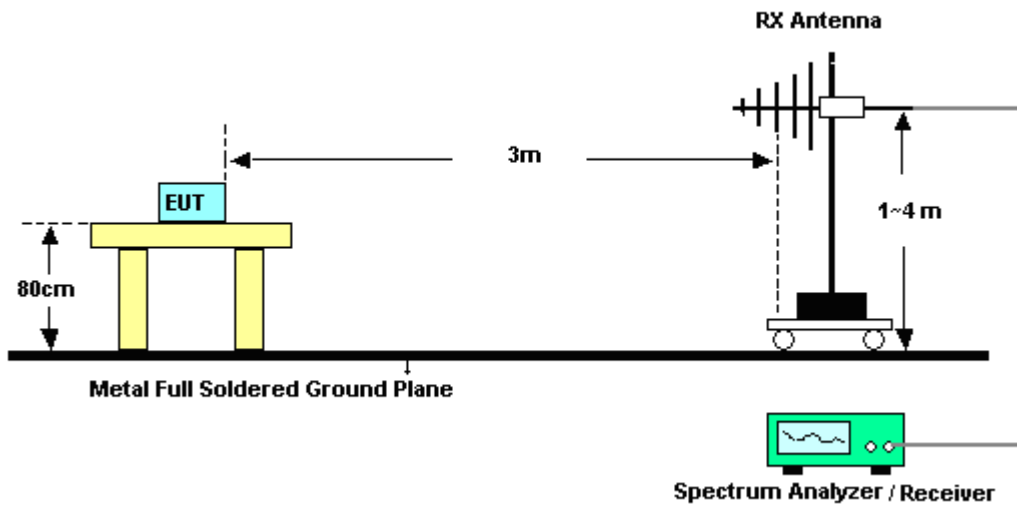
### 3.6.4 Test Setup

For radiated emissions below 30MHz

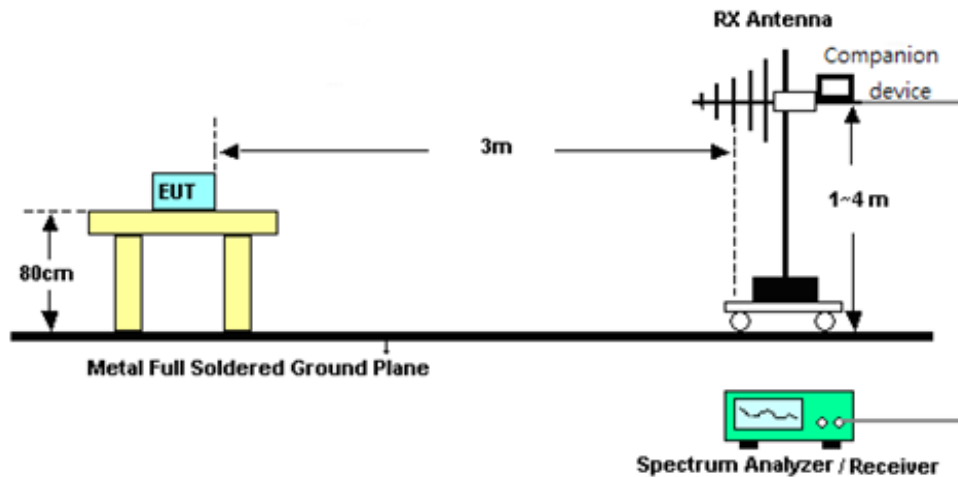


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

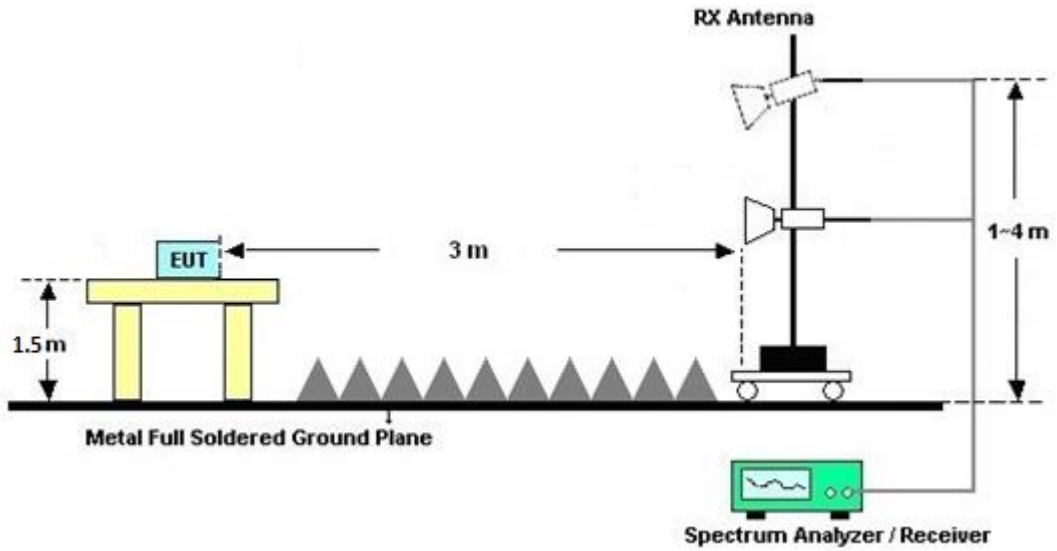


<TXBF Modes>

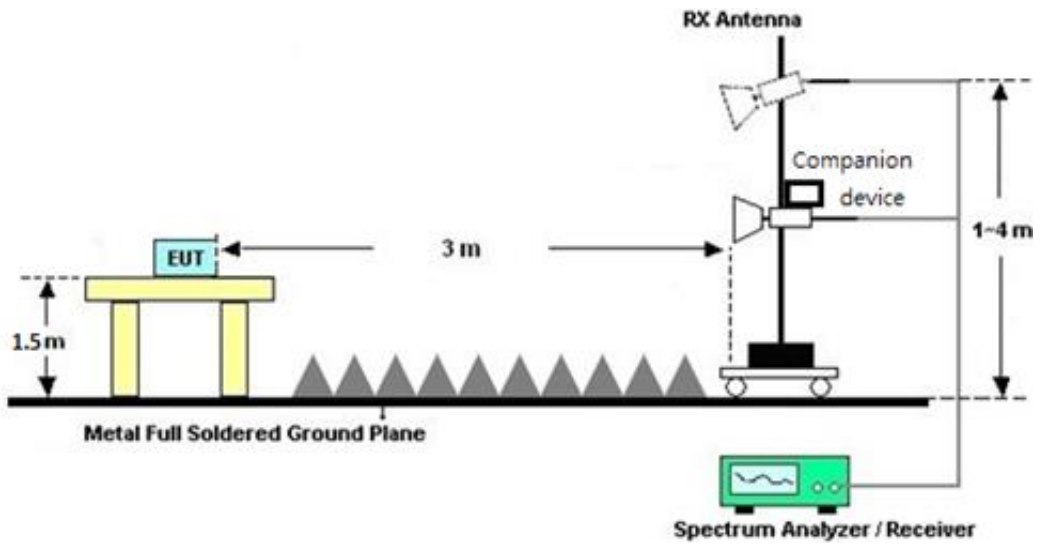


For radiated test from 1GHz to 18GHz

<CDD Mode>

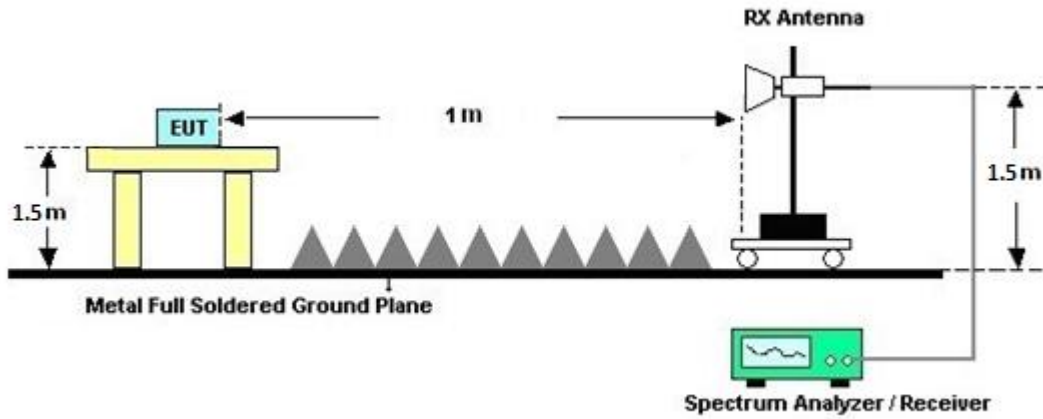


<TXBF Modes>

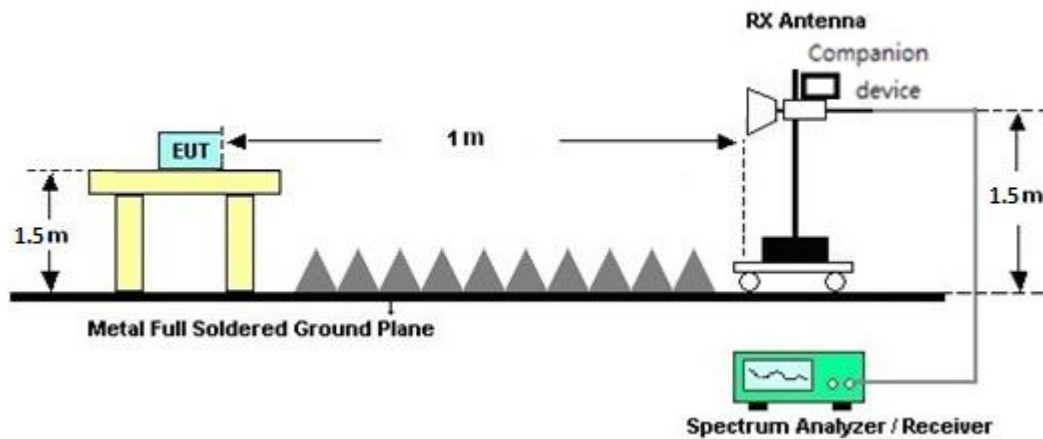


For radiated test above 18GHz

<CDD Mode>



<TXBF Modes>





### **3.6.5 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.

### **3.6.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C and D.

### **3.6.7 Duty Cycle**

Please refer to Appendix E.

### **3.6.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)**

Please refer to Appendix C and D.



### 3.7 AC Conducted Emission Measurement

#### 3.7.1 Limit of AC Conducted Emission

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

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

\*Decreases with the logarithm of the frequency.

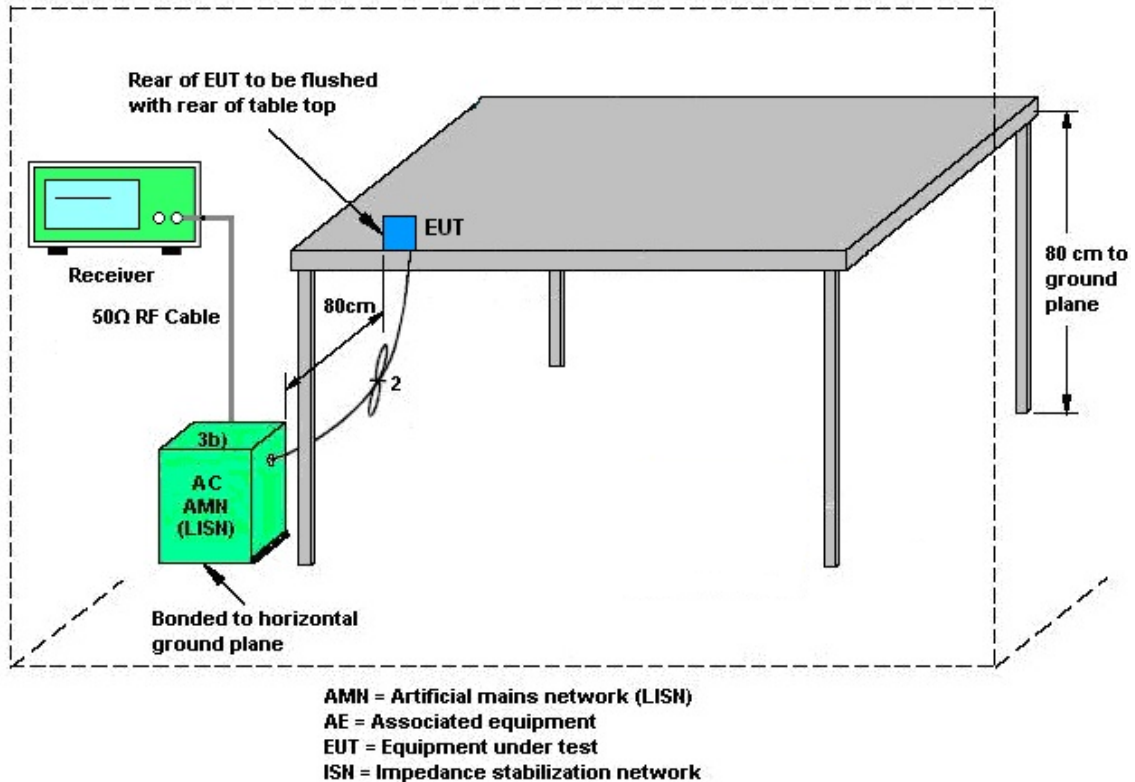
#### 3.7.2 Measuring Instruments

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

#### 3.7.3 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 should 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.

### 3.7.4 Test Setup



### 3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.8 Antenna Requirements**

### **3.8.1 Standard Applicable**

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 rule.

### **3.8.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.





## 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	9 kHz~30 MHz	Feb. 28, 2023	Dec. 19, 2023~ Jan. 05, 2024	Feb. 27, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9k~30M	Mar. 07, 2023	Dec. 19, 2023~ Jan. 05, 2024	Mar. 06, 2024	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Dec. 19, 2023~ Jan. 05, 2024	Jun. 26, 2024	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 10, 2023	Dec. 19, 2023~ Jan. 05, 2024	Jul. 09, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 18, 2023	Dec. 19, 2023~ Jan. 05, 2024	Dec. 17, 2024	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 13, 2023	Dec. 19, 2023~ Jan. 05, 2024	Dec. 12, 2024	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 23, 2023	Dec. 19, 2023~ Jan. 05, 2024	Apr. 22, 2024	Radiation (03CH13-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Apr. 25, 2023	Dec. 19, 2023~ Jan. 05, 2024	Apr. 24, 2024	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 17, 2023	Dec. 19, 2023~ Jan. 05, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 16, 2023	Dec. 19, 2023~ Jan. 05, 2024	May 15, 2024	Radiation (03CH13-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Jan. 10, 2023	Dec. 19, 2023~ Jan. 05, 2024	Jan. 09, 2024	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170337	10Hz~44GHz	Aug. 17, 2023	Dec. 19, 2023~ Jan. 05, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 09, 2023	Dec. 19, 2023~ Jan. 05, 2024	Mar. 08, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 10, 2023	Dec. 19, 2023~ Jan. 05, 2024	Jul. 09, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX6-7268-9200-26500-40CD	SN4	9GHz High Pass Filter	May 23, 2023	Dec. 19, 2023~ Jan. 05, 2024	May 22, 2024	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN1	N/A	Jan. 07, 2023	Dec. 19, 2023~ Jan. 05, 2024	Jan. 06, 2024	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN2	N/A	Jan. 06, 2023	Dec. 19, 2023~ Jan. 04, 2024	Jan. 05, 2024	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN2	N/A	Jan. 05, 2024	Jan. 05, 2024	Jan. 04, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 08, 2023	Dec. 19, 2023~ Jan. 05, 2024	Feb. 07, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 08, 2023	Dec. 19, 2023~ Jan. 05, 2024	Feb. 07, 2024	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 08, 2023	Dec. 19, 2023~Jan. 05, 2024	Feb. 07, 2024	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP215159	N/A	Sep. 13, 2023	Dec. 19, 2023~Jan. 05, 2024	Sep. 12, 2024	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 19, 2023~Jan. 05, 2024	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Dec. 19, 2023~Jan. 05, 2024	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Dec. 19, 2023~Jan. 05, 2024	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Dec. 19, 2023~Jan. 05, 2024	N/A	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 15, 2023~Jan. 04, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-23010011 (NO:109)	10MHz~8GHz	Jul. 26, 2023	Nov. 15, 2023~Jan. 04, 2024	Jul. 25, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2301016 (NO:54)	10MHz~8GHz	Jul. 26, 2023	Nov. 15, 2023~Jan. 04, 2024	Jul. 25, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	RPR6W-2101001 (NO:206)	10MHz~8GHz	Feb. 15, 2023	Nov. 15, 2023~Jan. 04, 2024	Feb. 14, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	RPR6W-2101002 (NO:123)	10MHz~8GHz	Jan. 10, 2023	Nov. 15, 2023~Jan. 04, 2024	Jan. 09, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101468	10HZ~44GHZ	Mar. 13, 2023	Nov. 15, 2023~Jan. 04, 2024	Mar. 12, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101435	10HZ~44GHZ	Nov. 01, 2023	Nov. 15, 2023~Jan. 04, 2024	Oct. 31, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Feb. 01, 2023	Nov. 15, 2023~Jan. 04, 2024	Jan. 31, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101467	10HZ~44GHZ	Feb. 01, 2023	Nov. 15, 2023~Jan. 04, 2024	Jan. 31, 2024	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 23, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	Nov. 23, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Nov. 23, 2023	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2022	Nov. 23, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Nov. 23, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	9kHz~200MHz	Jul. 28, 2023	Nov. 23, 2023	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	Nov. 23, 2023	Dec. 28, 2023	Conduction (CO05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 22, 2023	Dec. 28, 2023~ Dec. 31, 2023	Dec. 21, 2024	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~44GHz	Jan. 31, 2023	Dec. 28, 2023~ Dec. 31, 2023	Jan. 30, 2024	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A 2	0.5GHz-18GHz	Calibration from System	Dec. 28, 2023~ Dec. 31, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	0120A0405180 1O	DCMB1CW3 A7	0.5GHz-18GHz	Calibration from System	Dec. 28, 2023~ Dec. 31, 2023	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A 1	0.5GHz-18GHz	Calibration from System	Dec. 28, 2023~ Dec. 31, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(# 2)	2GHz-8GHz	Calibration from System	Dec. 28, 2023~ Dec. 31, 2023	Calibration from System	CBP (DF02-HY)



## 5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.5 dB
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.2 dB
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### Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.6 dB
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.3 dB
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**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	Willy Chang	Temperature:	21~25	°C
Test Date:	2023/11/15~2024/01/04	Relative Humidity:	51~54	%

<CDD Mode>  
Nss=1

Report Number : FR3N0940C

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6115	Full	6.05	6.23	6.13	5.92	12.10	4.67	16.77	30.00	Pass
HE20	MCS0	4	6275	Full	6.32	6.71	5.95	5.75	12.22	4.67	16.89	30.00	Pass
HE20	MCS0	4	6415	Full	5.97	6.18	6.21	5.79	12.06	4.67	16.73	30.00	Pass
HE40	MCS0	4	6125	Full	8.42	8.91	8.95	8.41	14.70	4.67	19.37	30.00	Pass
HE40	MCS0	4	6285	Full	9.01	9.74	9.05	8.99	15.23	4.67	19.90	30.00	Pass
HE40	MCS0	4	6405	Full	8.76	9.53	9.27	9.09	15.19	4.67	19.86	30.00	Pass
HE80	MCS0	4	6145	Full	11.91	12.24	12.19	11.83	18.07	4.67	22.74	30.00	Pass
HE80	MCS0	4	6305	Full	12.53	12.92	12.30	12.22	18.52	4.67	23.19	30.00	Pass
HE80	MCS0	4	6385	Full	11.96	12.20	11.90	11.84	18.00	4.67	22.67	30.00	Pass
HE160	MCS0	4	6185	Full	14.61	15.24	15.08	14.69	20.93	4.67	25.60	30.00	Pass
HE160	MCS0	4	6345	Full	15.40	15.61	14.97	14.81	21.23	4.67	25.90	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6435	Full	5.92	6.12	6.28	5.82	12.06	4.39	16.45	30.00	Pass
HE20	MCS0	4	6475	Full	6.43	6.59	6.56	5.72	12.36	4.39	16.75	30.00	Pass
HE20	MCS0	4	6515	Full	6.28	6.59	6.30	5.48	12.20	4.39	16.59	30.00	Pass
HE40	MCS0	4	6445	Full	8.86	9.14	9.75	8.97	15.21	4.39	19.60	30.00	Pass
HE40	MCS0	4	6485	Full	9.06	9.58	9.77	8.93	15.37	4.39	19.76	30.00	Pass
HE80	MCS0	4	6465	Full	12.10	12.25	12.32	11.80	18.14	4.39	22.53	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE40	MCS0	4	6525	Full	9.00	9.73	9.01	8.57	15.12	4.39	19.51	30.00	Pass
HE80	MCS0	4	6545	Full	12.17	12.56	12.15	11.66	18.17	4.39	22.56	30.00	Pass
HE160	MCS0	4	6505	Full	14.91	15.12	15.08	14.52	20.93	4.39	25.32	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6535	Full	5.62	6.07	5.59	4.80	11.56	4.38	15.94	30.00	Pass
HE20	MCS0	4	6695	Full	5.35	5.39	5.80	5.35	11.50	4.38	15.88	30.00	Pass
HE20	MCS0	4	6855	Full	5.85	6.08	5.86	5.82	11.92	4.38	16.30	30.00	Pass
HE40	MCS0	4	6565	Full	8.42	9.00	8.25	7.99	14.45	4.38	18.83	30.00	Pass
HE40	MCS0	4	6685	Full	8.74	8.83	8.49	9.00	14.79	4.38	19.17	30.00	Pass
HE40	MCS0	4	6845	Full	8.39	8.77	8.54	8.32	14.53	4.38	18.91	30.00	Pass
HE80	MCS0	4	6625	Full	11.15	11.77	11.37	11.20	17.40	4.38	21.78	30.00	Pass
HE80	MCS0	4	6705	Full	11.30	11.51	11.55	11.21	17.42	4.38	21.80	30.00	Pass
HE80	MCS0	4	6785	Full	11.45	12.04	11.81	11.19	17.66	4.38	22.04	30.00	Pass
HE160	MCS0	4	6665	Full	14.45	14.89	14.91	14.69	20.76	4.38	25.14	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6875	Full	5.48	5.75	5.40	5.41	11.53	4.38	15.91	30.00	Pass
HE40	MCS0	4	6885	Full	8.59	9.03	8.59	8.46	14.69	4.38	19.07	30.00	Pass
HE80	MCS0	4	6865	Full	11.74	11.95	11.38	11.56	17.68	4.38	22.06	30.00	Pass
HE160	MCS0	4	6825	Full	14.36	14.76	14.48	14.45	20.54	4.38	24.92	30.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6895	Full	5.47	5.77	5.25	5.57	11.54	5.32	16.86	30.00	Pass
HE20	MCS0	4	6995	Full	5.42	5.76	5.48	5.43	11.55	5.32	16.87	30.00	Pass
HE20	MCS0	4	7095	Full	5.73	5.66	6.20	5.69	11.85	5.32	17.17	30.00	Pass
HE20	MCS0	4	7115	Full	-1.91	-1.88	-1.31	-1.57	4.36	5.32	9.68	30.00	Pass
HE40	MCS0	4	6925	Full	8.73	9.12	8.53	8.74	14.81	5.32	20.13	30.00	Pass
HE40	MCS0	4	7005	Full	8.31	8.62	8.42	8.56	14.50	5.32	19.82	30.00	Pass
HE40	MCS0	4	7085	Full	8.88	8.83	9.23	8.73	14.94	5.32	20.26	30.00	Pass
HE80	MCS0	4	6945	Full	11.71	11.80	11.02	11.57	17.56	5.32	22.88	30.00	Pass
HE80	MCS0	4	7025	Full	11.46	11.95	11.45	11.38	17.59	5.32	22.91	30.00	Pass
HE160	MCS0	4	6985	Full	14.29	14.66	14.23	14.45	20.36	5.32	25.68	30.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6115	Full	19.21	19.20	19.20	19.28	22.96	23.60	23.36	23.60	320.00	Pass
EHT20	MCS0	4	6275	Full	19.20	19.23	19.19	19.27	22.48	23.60	23.52	23.36	320.00	Pass
EHT20	MCS0	4	6415	Full	19.23	19.25	19.23	19.25	23.60	23.04	23.44	23.68	320.00	Pass
EHT40	MCS0	4	6125	Full	38.64	38.60	38.64	38.61	45.12	45.76	45.60	45.12	320.00	Pass
EHT40	MCS0	4	6285	Full	38.65	38.62	38.57	38.53	47.20	46.24	45.76	46.08	320.00	Pass
EHT40	MCS0	4	6405	Full	38.64	38.62	38.57	38.52	45.56	45.76	46.24	46.24	320.00	Pass
EHT80	MCS0	4	6145	Full	76.45	76.30	76.24	76.30	93.44	90.88	89.28	89.92	320.00	Pass
EHT80	MCS0	4	6305	Full	76.96	76.41	76.30	76.35	92.80	91.20	91.52	90.24	320.00	Pass
EHT80	MCS0	4	6385	Full	76.43	76.27	76.25	76.30	93.12	92.16	91.84	90.56	320.00	Pass
EHT160	MCS0	4	6185	Full	157.68	157.67	157.58	157.49	176.16	174.24	172.80	172.32	320.00	Pass
EHT160	MCS0	4	6345	Full	157.93	157.84	157.90	157.69	175.68	171.36	173.28	172.80	320.00	Pass
EHT320	MCS0	4	6265	Full	316.33	316.24	316.05	315.88	343.68	342.72	343.68	345.60	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6115	Full	6.20	6.34	6.28	6.08	12.25	4.67	16.92	30.00	Pass
EHT20	MCS0	4	6115	OFDMA RU52*4	5.15	5.25	5.24	5.09	11.20	4.67	15.87	30.00	Pass
EHT20	MCS0	4	6275	Full	6.45	6.84	6.08	5.81	12.33	4.67	17.00	30.00	Pass
EHT20	MCS0	4	6275	OFDMA RU52*4	5.44	5.75	4.92	4.85	11.28	4.67	15.95	30.00	Pass
EHT20	MCS0	4	6415	Full	5.83	6.15	6.19	6.17	12.11	4.67	16.78	30.00	Pass
EHT20	MCS0	4	6415	OFDMA RU52*4	4.63	4.78	4.86	4.96	10.83	4.67	15.50	30.00	Pass
EHT40	MCS0	4	6125	Full	8.55	9.04	9.06	8.53	14.82	4.67	19.49	30.00	Pass
EHT40	MCS0	4	6125	OFDMA RU52*8	7.37	7.68	7.76	7.35	13.56	4.67	18.23	30.00	Pass
EHT40	MCS0	4	6285	Full	9.19	9.91	9.18	9.08	15.37	4.67	20.04	30.00	Pass
EHT40	MCS0	4	6285	OFDMA RU52*8	7.65	7.93	7.02	7.14	13.47	4.67	18.14	30.00	Pass
EHT40	MCS0	4	6405	Full	9.19	9.37	9.07	9.28	15.25	4.67	19.92	30.00	Pass
EHT40	MCS0	4	6405	OFDMA RU52*8	7.54	7.67	7.81	7.74	13.71	4.67	18.38	30.00	Pass
EHT80	MCS0	4	6145	Full	12.03	12.44	12.25	11.95	18.19	4.67	22.86	30.00	Pass
EHT80	MCS0	4	6145	OFDMA RU52*16	10.25	10.66	10.54	10.45	16.50	4.67	21.17	30.00	Pass
EHT80	MCS0	4	6145	Puncture20_1	10.28	10.80	10.59	10.36	16.53	4.67	21.20	30.00	Pass
EHT80	MCS0	4	6305	Full	12.65	13.04	12.41	12.33	18.64	4.67	23.31	30.00	Pass
EHT80	MCS0	4	6305	OFDMA RU52*16	11.21	11.24	10.50	10.72	16.95	4.67	21.62	30.00	Pass
EHT80	MCS0	4	6305	Puncture20_1	11.23	11.30	10.37	10.62	16.92	4.67	21.59	30.00	Pass
EHT80	MCS0	4	6385	Full	11.86	12.34	11.84	11.98	18.03	4.67	22.70	30.00	Pass
EHT80	MCS0	4	6385	OFDMA RU52*16	10.39	10.42	10.21	10.20	16.33	4.67	21.00	30.00	Pass
EHT80	MCS0	4	6385	Puncture20_1	10.39	10.50	10.14	10.17	16.32	4.67	20.99	30.00	Pass
EHT160	MCS0	4	6185	Full	14.73	15.38	15.19	14.87	21.07	4.67	25.74	30.00	Pass
EHT160	MCS0	4	6185	OFDMA RU106*16	12.12	12.61	12.43	12.17	18.36	4.67	23.03	30.00	Pass
EHT160	MCS0	4	6185	Puncture20_1	14.04	14.51	14.29	14.05	20.25	4.67	24.92	30.00	Pass
EHT160	MCS0	4	6185	Puncture40_1	13.54	13.94	13.76	13.61	19.74	4.67	24.41	30.00	Pass
EHT160	MCS0	4	6345	Full	15.51	15.72	15.09	14.92	21.34	4.67	26.01	30.00	Pass
EHT160	MCS0	4	6345	OFDMA RU106*16	12.83	13.00	12.20	12.12	18.58	4.67	23.25	30.00	Pass
EHT160	MCS0	4	6345	Puncture20_1	14.85	14.90	14.20	14.12	20.55	4.67	25.22	30.00	Pass
EHT160	MCS0	4	6345	Puncture40_1	13.83	13.80	13.08	13.12	19.49	4.67	24.16	30.00	Pass
EHT320	MCS0	4	6265	Full	18.31	18.69	17.83	17.86	24.21	4.67	28.88	30.00	Pass
EHT320	MCS0	4	6265	OFDMA RU242*16	16.60	17.01	15.92	16.09	22.45	4.67	27.12	30.00	Pass
EHT320	MCS0	4	6265	Puncture40_1	17.03	17.14	16.18	16.49	22.75	4.67	27.42	30.00	Pass
EHT320	MCS0	4	6265	Puncture80_1	16.31	16.72	15.79	15.72	22.17	4.67	26.84	30.00	Pass
EHT320	MCS0	4	6265	Puncture80+40_7	15.45	15.72	14.71	14.81	21.21	4.67	25.88	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-5 MIMO																		
Mod.	Data Rate	NTX	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/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM					
EHT20	MCS0	4	6115	Full	0.07	0.08	0.07	0.08						-0.13	4.90	4.77	5.00	Pass
EHT20	MCS0	4	6115	OFDMA RU52*4	0.41	0.40	0.41	0.43						-0.16	4.90	4.74	5.00	Pass
EHT20	MCS0	4	6275	Full	0.07	0.08	0.07	0.08						-0.15	4.90	4.75	5.00	Pass
EHT20	MCS0	4	6275	OFDMA RU52*4	0.41	0.40	0.41	0.43						-0.21	4.90	4.69	5.00	Pass
EHT20	MCS0	4	6415	Full	0.07	0.08	0.07	0.08						-0.38	4.90	4.52	5.00	Pass
EHT20	MCS0	4	6415	OFDMA RU52*4	0.41	0.40	0.41	0.43						-0.51	4.90	4.39	5.00	Pass
EHT40	MCS0	4	6125	Full	0.13	0.14	0.10	0.05						-0.37	4.90	4.54	5.00	Pass
EHT40	MCS0	4	6125	OFDMA RU52*8	0.49	0.49	0.49	0.47						-0.64	4.90	4.26	5.00	Pass
EHT40	MCS0	4	6285	Full	0.13	0.14	0.10	0.05						0.05	4.90	4.95	5.00	Pass
EHT40	MCS0	4	6285	OFDMA RU52*8	0.49	0.49	0.49	0.47						-0.75	4.90	4.15	5.00	Pass
EHT40	MCS0	4	6405	Full	0.13	0.14	0.10	0.05						-0.27	4.90	4.64	5.00	Pass
EHT40	MCS0	4	6405	OFDMA RU52*8	0.49	0.49	0.49	0.47						-0.55	4.90	4.35	5.00	Pass
EHT80	MCS0	4	6145	Full	0.08	0.13	0.16	0.08						-0.04	4.90	4.86	5.00	Pass
EHT80	MCS0	4	6145	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.22	4.90	4.69	5.00	Pass
EHT80	MCS0	4	6145	Puncture20_1	0.10	0.13	0.13	0.14						-0.30	4.90	4.61	5.00	Pass
EHT80	MCS0	4	6305	Full	0.08	0.13	0.16	0.08						0.08	4.90	4.98	5.00	Pass
EHT80	MCS0	4	6305	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.02	4.90	4.88	5.00	Pass
EHT80	MCS0	4	6305	Puncture20_1	0.10	0.13	0.13	0.14						-0.03	4.90	4.87	5.00	Pass
EHT80	MCS0	4	6385	Full	0.08	0.13	0.16	0.08						-0.29	4.90	4.61	5.00	Pass
EHT80	MCS0	4	6385	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.49	4.90	4.41	5.00	Pass
EHT80	MCS0	4	6385	Puncture20_1	0.10	0.13	0.13	0.14						-0.61	4.90	4.29	5.00	Pass
EHT160	MCS0	4	6185	Full	0.13	0.08	0.06	0.12						-0.16	4.90	4.74	5.00	Pass
EHT160	MCS0	4	6185	OFDMA RU106*16	1.33	1.36	1.39	1.35						-0.29	4.90	4.61	5.00	Pass
EHT160	MCS0	4	6185	Puncture20_1	0.12	0.13	0.10	0.08						-0.39	4.90	4.51	5.00	Pass
EHT160	MCS0	4	6185	Puncture40_1	0.08	0.13	0.06	0.11						-0.24	4.90	4.66	5.00	Pass
EHT160	MCS0	4	6345	Full	0.13	0.08	0.06	0.12						0.06	4.90	4.96	5.00	Pass
EHT160	MCS0	4	6345	OFDMA RU106*16	1.33	1.36	1.39	1.35						-0.11	4.90	4.79	5.00	Pass
EHT160	MCS0	4	6345	Puncture20_1	0.12	0.13	0.10	0.08						-0.05	4.90	4.85	5.00	Pass
EHT160	MCS0	4	6345	Puncture40_1	0.08	0.13	0.06	0.11						-0.37	4.90	4.53	5.00	Pass
EHT320	MCS0	4	6265	Full	0.21	0.21	0.12	0.21						-0.07	4.90	4.83	5.00	Pass
EHT320	MCS0	4	6265	OFDMA RU242*16	0.87	0.84	0.86	0.87						-0.64	4.90	4.26	5.00	Pass
EHT320	MCS0	4	6265	Puncture40_1	0.21	0.31	0.23	0.25						-0.60	4.90	4.30	5.00	Pass
EHT320	MCS0	4	6265	Puncture80_1	0.20	0.20	0.18	0.20						-0.56	4.90	4.35	5.00	Pass
EHT320	MCS0	4	6265	Puncture80+40_7	0.17	0.07	0.09	0.14						-0.52	4.90	4.38	5.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-6 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6435	Full	19.20	19.25	19.23	19.24	23.04	22.88	23.68	23.76	320.00	Pass
EHT20	MCS0	4	6475	Full	19.20	19.24	19.19	19.28	23.36	23.12	23.60	23.12	320.00	Pass
EHT20	MCS0	4	6515	Full	19.21	19.20	19.20	19.27	23.12	23.04	22.96	23.12	320.00	Pass
EHT40	MCS0	4	6445	Full	38.63	38.65	38.66	38.51	46.88	46.56	45.28	45.28	320.00	Pass
EHT40	MCS0	4	6485	Full	38.63	38.65	38.54	38.53	46.08	46.88	45.44	46.40	320.00	Pass
EHT80	MCS0	4	6465	Full	76.56	76.28	76.28	76.22	93.44	91.52	89.92	90.88	320.00	Pass

U-NII-6 straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT40	MCS0	4	6525	Full	38.58	38.61	38.53	38.59	46.24	45.92	45.92	46.40	320.00	Pass
EHT80	MCS0	4	6545	Full	76.48	76.25	76.31	76.33	92.16	91.84	88.96	88.00	320.00	Pass
EHT160	MCS0	4	6505	Full	157.83	157.76	157.59	157.52	176.16	174.72	172.80	172.32	320.00	Pass
EHT320	MCS0	4	6425	Full	315.92	315.97	315.83	315.85	344.64	343.68	344.64	343.68	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full	5.75	6.23	6.29	6.08	12.11	4.39	16.50	30.00	Pass
EHT20	MCS0	4	6435	OFDMA RU52*4	4.30	4.61	5.06	4.77	10.71	4.39	15.10	30.00	Pass
EHT20	MCS0	4	6475	Full	6.00	6.59	6.70	6.17	12.40	4.39	16.79	30.00	Pass
EHT20	MCS0	4	6475	OFDMA RU52*4	5.09	5.10	5.26	5.02	11.14	4.39	15.53	30.00	Pass
EHT20	MCS0	4	6515	Full	5.83	6.62	6.41	6.11	12.27	4.39	16.66	30.00	Pass
EHT20	MCS0	4	6515	OFDMA RU52*4	5.09	5.36	4.80	4.79	11.04	4.39	15.43	30.00	Pass
EHT40	MCS0	4	6445	Full	8.86	9.38	9.38	9.32	15.26	4.39	19.65	30.00	Pass
EHT40	MCS0	4	6445	OFDMA RU52*8	7.11	7.22	7.48	7.36	13.32	4.39	17.71	30.00	Pass
EHT40	MCS0	4	6485	Full	8.98	9.68	9.68	9.45	15.48	4.39	19.87	30.00	Pass
EHT40	MCS0	4	6485	OFDMA RU52*8	7.41	7.53	7.98	7.35	13.60	4.39	17.99	30.00	Pass
EHT80	MCS0	4	6465	Full	11.88	12.31	12.44	12.15	18.22	4.39	22.61	30.00	Pass
EHT80	MCS0	4	6465	OFDMA RU52*16	10.23	10.39	10.71	10.26	16.42	4.39	20.81	30.00	Pass
EHT80	MCS0	4	6465	Puncture20_1	10.18	10.25	10.67	10.22	16.36	4.39	20.75	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full	9.07	9.41	9.19	8.81	15.15	4.39	19.54	30.00	Pass
EHT40	MCS0	4	6525	OFDMA RU52*8	7.68	7.88	7.56	7.72	13.73	4.39	18.12	30.00	Pass
EHT80	MCS0	4	6545	Full	11.95	12.62	12.32	12.03	18.26	4.39	22.65	30.00	Pass
EHT80	MCS0	4	6545	OFDMA RU52*16	10.77	10.93	10.25	10.19	16.57	4.39	20.96	30.00	Pass
EHT80	MCS0	4	6505	Puncture20_1	10.76	10.83	10.12	10.12	16.49	4.39	20.88	30.00	Pass
EHT160	MCS0	4	6505	Full	15.00	15.26	15.20	14.68	21.06	4.39	25.45	30.00	Pass
EHT160	MCS0	4	6505	OFDMA RU106*16	12.45	12.39	12.19	11.98	18.28	4.39	22.67	30.00	Pass
EHT160	MCS0	4	6505	Puncture20_1	13.81	13.74	13.69	13.34	19.67	4.39	24.06	30.00	Pass
EHT160	MCS0	4	6505	Puncture40_1	13.35	13.32	13.11	12.72	19.15	4.39	23.54	30.00	Pass
EHT320	MCS0	4	6425	Full	17.33	17.74	17.91	17.96	23.76	4.39	28.15	30.00	Pass
EHT320	MCS0	4	6425	OFDMA RU242*16	16.21	16.29	16.42	16.74	22.44	4.39	26.83	30.00	Pass
EHT320	MCS0	4	6425	Puncture40_1	16.71	16.75	16.82	16.94	22.83	4.39	27.22	30.00	Pass
EHT320	MCS0	4	6425	Puncture80_1	17.57	16.13	16.06	16.22	22.11	4.39	26.50	30.00	Pass
EHT320	MCS0	4	6425	Puncture80+40_7	16.15	15.10	15.47	15.28	21.24	4.39	25.63	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-6 MIMO																	
Mod.	Data Rate	NTX	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/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full	0.07	0.08	0.07	0.08						4TX	SUM	5.00	Pass
EHT20	MCS0	4	6435	OFDMA RU52*4	0.41	0.4	0.41	0.43						4.94	4.42	5.00	Pass
EHT20	MCS0	4	6475	Full	0.07	0.08	0.07	0.08						4.94	4.86	5.00	Pass
EHT20	MCS0	4	6475	OFDMA RU52*4	0.41	0.4	0.41	0.43						4.94	4.68	5.00	Pass
EHT20	MCS0	4	6515	Full	0.07	0.08	0.07	0.08						4.94	4.76	5.00	Pass
EHT20	MCS0	4	6515	OFDMA RU52*4	0.41	0.4	0.41	0.43						4.94	4.61	5.00	Pass
EHT40	MCS0	4	6445	Full	0.13	0.14	0.1	0.05						4.94	4.60	5.00	Pass
EHT40	MCS0	4	6445	OFDMA RU52*8	0.49	0.49	0.49	0.47						4.94	4.17	5.00	Pass
EHT40	MCS0	4	6485	Full	0.13	0.14	0.1	0.05						4.94	4.79	5.00	Pass
EHT40	MCS0	4	6485	OFDMA RU52*8	0.49	0.49	0.49	0.47						4.94	4.18	5.00	Pass
EHT80	MCS0	4	6465	Full	0.08	0.13	0.16	0.08						4.94	4.71	5.00	Pass
EHT80	MCS0	4	6465	OFDMA RU52*16	0.72	0.72	0.68	0.72						4.94	4.41	5.00	Pass
EHT80	MCS0	4	6465	Puncture20_1	0.10	0.13	0.13	0.14						4.94	4.26	5.00	Pass

U-NII-6 straddle channel MIMO																	
Mod.	Data Rate	NTX	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/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full	0.13	0.14	0.1	0.05						4TX	SUM	5.00	Pass
EHT40	MCS0	4	6525	OFDMA RU52*8	0.49	0.49	0.49	0.47						4.94	4.37	5.00	Pass
EHT80	MCS0	4	6545	Full	0.08	0.13	0.16	0.08						4.94	4.86	5.00	Pass
EHT80	MCS0	4	6545	OFDMA RU52*16	0.72	0.72	0.68	0.72						4.94	4.62	5.00	Pass
EHT80	MCS0	4	6505	Puncture20_1	0.10	0.13	0.13	0.14						4.94	4.49	5.00	Pass
EHT160	MCS0	4	6505	Full	0.13	0.08	0.06	0.12						4.94	4.50	5.00	Pass
EHT160	MCS0	4	6505	OFDMA RU106*16	1.33	1.36	1.39	1.35						4.94	4.47	5.00	Pass
EHT160	MCS0	4	6505	Puncture20_1	0.12	0.13	0.1	0.08						4.94	4.01	5.00	Pass
EHT160	MCS0	4	6505	Puncture40_1	0.08	0.13	0.06	0.11						4.94	4.15	5.00	Pass
EHT320	MCS0	4	6425	Full	0.21	0.21	0.12	0.21						4.94	4.65	5.00	Pass
EHT320	MCS0	4	6425	OFDMA RU242*16	0.87	0.84	0.86	0.87						4.94	4.19	5.00	Pass
EHT320	MCS0	4	6425	Puncture40_1	0.21	0.31	0.23	0.25						4.94	4.51	5.00	Pass
EHT320	MCS0	4	6425	Puncture80_1	0.20	0.20	0.18	0.20						4.94	4.44	5.00	Pass
EHT320	MCS0	4	6425	Puncture80+40_7	0.17	0.07	0.09	0.14						4.94	4.46	5.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6535	Full	19.21	19.19	19.22	19.24	23.12	23.28	23.04	24.00	320.00	Pass
EHT20	MCS0	4	6695	Full	19.25	19.22	19.22	19.24	23.20	23.04	23.68	23.36	320.00	Pass
EHT20	MCS0	4	6855	Full	19.25	19.23	19.24	19.27	22.96	23.36	23.20	24.16	320.00	Pass
EHT40	MCS0	4	6565	Full	38.72	38.58	38.55	38.49	45.92	46.24	46.24	46.08	320.00	Pass
EHT40	MCS0	4	6685	Full	38.71	38.66	38.58	38.51	46.88	46.72	45.60	46.08	320.00	Pass
EHT40	MCS0	4	6845	Full	38.64	38.62	38.66	38.54	46.24	45.92	46.40	47.04	320.00	Pass
EHT80	MCS0	4	6625	Full	76.64	76.33	76.37	76.32	93.12	92.80	89.92	89.28	320.00	Pass
EHT80	MCS0	4	6705	Full	76.62	76.34	76.42	76.23	93.12	91.20	89.92	90.56	320.00	Pass
EHT80	MCS0	4	6785	Full	76.62	76.29	76.24	76.28	93.44	90.88	91.84	91.52	320.00	Pass
EHT160	MCS0	4	6665	Full	158.16	157.72	157.83	157.59	174.72	173.76	174.24	172.32	320.00	Pass
EHT320	MCS0	4	6585	Full	316.64	316.40	316.29	316.24	344.64	344.64	344.64	345.60	320.00	Pass

U-NII-7 straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6875	Full	19.25	19.24	19.25	19.26	22.96	23.04	22.88	23.36	320.00	Pass
EHT40	MCS0	4	6885	Full	37.71	38.65	38.62	38.55	46.72	46.56	46.24	46.08	320.00	Pass
EHT80	MCS0	4	6865	Full	76.52	76.22	76.31	76.27	92.16	93.12	89.92	90.88	320.00	Pass
EHT160	MCS0	4	6825	Full	157.82	157.70	157.72	157.55	174.24	175.20	170.88	173.28	320.00	Pass
EHT320	MCS0	4	6745	Full	316.61	316.04	316.35	315.87	348.48	344.64	342.72	343.68	320.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6535	Full	5.45	5.96	5.72	5.30	11.64	4.38	16.02	30.00	Pass
EHT20	MCS0	4	6535	OFDMA RU52*4	3.79	3.99	3.25	3.63	9.69	4.38	14.07	30.00	Pass
EHT20	MCS0	4	6695	Full	5.31	5.84	5.77	5.41	11.61	4.38	15.99	30.00	Pass
EHT20	MCS0	4	6695	OFDMA RU52*4	4.09	4.06	4.21	4.60	10.27	4.38	14.65	30.00	Pass
EHT20	MCS0	4	6855	Full	5.84	6.30	5.92	5.73	11.97	4.38	16.35	30.00	Pass
EHT20	MCS0	4	6855	OFDMA RU52*4	3.72	4.77	4.35	4.40	10.35	4.38	14.73	30.00	Pass
EHT40	MCS0	4	6565	Full	8.56	8.74	8.42	8.25	14.52	4.38	18.90	30.00	Pass
EHT40	MCS0	4	6565	OFDMA RU52*8	7.01	7.43	6.97	7.02	13.13	4.38	17.51	30.00	Pass
EHT40	MCS0	4	6685	Full	8.48	9.14	8.88	8.65	14.82	4.38	19.20	30.00	Pass
EHT40	MCS0	4	6685	OFDMA RU52*8	7.20	7.20	7.36	8.01	13.48	4.38	17.86	30.00	Pass
EHT40	MCS0	4	6845	Full	8.42	8.93	8.23	8.63	14.58	4.38	18.96	30.00	Pass
EHT40	MCS0	4	6845	OFDMA RU52*8	6.63	6.82	6.79	7.06	12.85	4.38	17.23	30.00	Pass
EHT80	MCS0	4	6625	Full	11.19	11.82	11.52	12.34	17.76	4.38	22.14	30.00	Pass
EHT80	MCS0	4	6625	OFDMA RU52*16	9.50	9.80	9.48	9.91	15.70	4.38	20.08	30.00	Pass
EHT80	MCS0	4	6705	Puncture20_1	9.47	9.66	9.47	9.98	15.67	4.38	20.05	30.00	Pass
EHT80	MCS0	4	6705	Full	11.26	11.77	11.64	11.51	17.57	4.38	21.95	30.00	Pass
EHT80	MCS0	4	6705	OFDMA RU52*16	9.79	9.67	9.72	10.33	15.91	4.38	20.29	30.00	Pass
EHT80	MCS0	4	6705	Puncture20_1	9.77	9.60	9.82	10.35	15.91	4.38	20.29	30.00	Pass
EHT80	MCS0	4	6785	Full	11.54	12.13	11.79	11.57	17.78	4.38	22.16	30.00	Pass
EHT80	MCS0	4	6785	OFDMA RU52*16	9.71	10.32	10.06	10.04	16.06	4.38	20.44	30.00	Pass
EHT80	MCS0	4	6785	Puncture20_1	9.75	10.21	10.17	9.89	16.03	4.38	20.41	30.00	Pass
EHT160	MCS0	4	6665	Full	14.61	14.93	14.85	14.94	20.86	4.38	25.24	30.00	Pass
EHT160	MCS0	4	6665	OFDMA RU106*16	11.62	11.80	11.81	12.14	17.87	4.38	22.25	30.00	Pass
EHT160	MCS0	4	6665	Puncture20_1	13.76	13.84	13.92	14.02	19.91	4.38	24.29	30.00	Pass
EHT160	MCS0	4	6665	Puncture40_1	12.63	12.75	12.78	13.07	18.83	4.38	23.21	30.00	Pass
EHT320	MCS0	4	6585	Full	17.57	17.66	17.28	17.37	23.49	4.38	27.87	30.00	Pass
EHT320	MCS0	4	6585	OFDMA RU242*16	16.15	16.01	15.70	15.91	21.97	4.38	26.35	30.00	Pass
EHT320	MCS0	4	6585	Puncture40_1	16.55	16.46	16.07	16.23	22.35	4.38	26.73	30.00	Pass
EHT320	MCS0	4	6585	Puncture80_1	15.64	15.76	15.29	15.46	21.56	4.38	25.94	30.00	Pass
EHT320	MCS0	4	6585	Puncture80+40_7	14.74	14.75	14.58	14.68	20.71	4.38	25.09	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6875	Full	5.52	5.77	5.68	5.32	11.60	4.38	15.98	30.00	Pass
EHT20	MCS0	4	6875	OFDMA RU52*4	3.69	4.65	4.20	4.18	10.21	4.38	14.59	30.00	Pass
EHT40	MCS0	4	6885	Full	8.74	9.06	8.44	8.82	14.79	4.38	19.17	30.00	Pass
EHT40	MCS0	4	6885	OFDMA RU52*8	6.92	7.06	6.85	7.15	13.02	4.38	17.40	30.00	Pass
EHT80	MCS0	4	6865	Full	11.78	12.06	11.74	11.76	17.86	4.38	22.24	30.00	Pass
EHT80	MCS0	4	6865	OFDMA RU52*16	10.15	10.08	9.92	10.20	16.11	4.38	20.49	30.00	Pass
EHT80	MCS0	4	6865	Puncture20_1	10.18	10.13	9.96	10.14	16.12	4.38	20.50	30.00	Pass
EHT160	MCS0	4	6825	Full	14.43	14.74	14.53	14.66	20.61	4.38	24.99	30.00	Pass
EHT160	MCS0	4	6825	OFDMA RU106*16	11.44	11.81	11.59	11.67	17.65	4.38	22.03	30.00	Pass
EHT160	MCS0	4	6825	Puncture20_1	13.52	13.64	13.56	13.48	19.57	4.38	23.95	30.00	Pass
EHT160	MCS0	4	6825	Puncture40_1	12.38	12.61	12.52	12.46	18.51	4.38	22.89	30.00	Pass
EHT320	MCS0	4	6745	Full	17.37	17.61	17.38	17.32	23.44	4.38	27.82	30.00	Pass
EHT320	MCS0	4	6745	OFDMA RU242*16	15.88	16.06	15.98	15.82	21.96	4.38	26.34	30.00	Pass
EHT320	MCS0	4	6745	Puncture40_1	15.80	16.01	15.97	15.78	21.91	4.38	26.29	30.00	Pass
EHT320	MCS0	4	6745	Puncture80_1	15.17	15.26	15.18	15.21	21.23	4.38	25.61	30.00	Pass
EHT320	MCS0	4	6745	Puncture80+40_7	14.33	14.39	14.41	14.25	20.37	4.38	24.75	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-7 MIMO																		
Mod.	Data Rate	NTX	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/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM					
EHT20	MCS0	4	6535	Full	0.07	0.08	0.07	0.08						-0.86	5.40	4.54	5.00	Pass
EHT20	MCS0	4	6535	OFDMA RU52*4	0.41	0.4	0.41	0.43						-1.47	5.40	3.93	5.00	Pass
EHT20	MCS0	4	6695	Full	0.07	0.08	0.07	0.08						-0.89	5.40	4.51	5.00	Pass
EHT20	MCS0	4	6695	OFDMA RU52*4	0.41	0.4	0.41	0.43						-0.94	5.40	4.46	5.00	Pass
EHT20	MCS0	4	6855	Full	0.07	0.08	0.07	0.08						-0.47	5.40	4.93	5.00	Pass
EHT20	MCS0	4	6855	OFDMA RU52*4	0.41	0.4	0.41	0.43						-1.02	5.40	4.39	5.00	Pass
EHT40	MCS0	4	6565	Full	0.13	0.14	0.1	0.05						-0.94	5.40	4.46	5.00	Pass
EHT40	MCS0	4	6565	OFDMA RU52*8	0.49	0.49	0.49	0.47						-1.12	5.40	4.28	5.00	Pass
EHT40	MCS0	4	6685	Full	0.13	0.14	0.1	0.05						-0.66	5.40	4.74	5.00	Pass
EHT40	MCS0	4	6685	OFDMA RU52*8	0.49	0.49	0.49	0.47						-0.69	5.40	4.71	5.00	Pass
EHT40	MCS0	4	6845	Full	0.13	0.14	0.1	0.05						-0.96	5.40	4.44	5.00	Pass
EHT40	MCS0	4	6845	OFDMA RU52*8	0.49	0.49	0.49	0.47						-1.32	5.40	4.08	5.00	Pass
EHT80	MCS0	4	6625	Full	0.08	0.13	0.16	0.08						-0.76	5.40	4.64	5.00	Pass
EHT80	MCS0	4	6625	OFDMA RU52*16	0.72	0.72	0.68	0.72						-1.09	5.40	4.31	5.00	Pass
EHT80	MCS0	4	6705	Puncture20_1	0.1	0.13	0.13	0.14						-1.32	5.40	4.08	5.00	Pass
EHT80	MCS0	4	6705	Full	0.08	0.13	0.16	0.08						-0.83	5.40	4.57	5.00	Pass
EHT80	MCS0	4	6705	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.97	5.40	4.43	5.00	Pass
EHT80	MCS0	4	6705	Puncture20_1	0.1	0.13	0.13	0.14						-1.09	5.40	4.31	5.00	Pass
EHT80	MCS0	4	6785	Full	0.08	0.13	0.16	0.08						-0.52	5.40	4.88	5.00	Pass
EHT80	MCS0	4	6785	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.81	5.40	4.60	5.00	Pass
EHT80	MCS0	4	6785	Puncture20_1	0.1	0.13	0.13	0.14						-0.94	5.40	4.46	5.00	Pass
EHT160	MCS0	4	6665	Full	0.13	0.08	0.06	0.12						-0.56	5.40	4.84	5.00	Pass
EHT160	MCS0	4	6665	OFDMA RU106*16	1.33	1.36	1.39	1.35						-0.79	5.40	4.61	5.00	Pass
EHT160	MCS0	4	6665	Puncture20_1	0.12	0.13	0.1	0.08						-0.70	5.40	4.70	5.00	Pass
EHT160	MCS0	4	6665	Puncture40_1	0.08	0.13	0.06	0.11						-1.09	5.40	4.31	5.00	Pass
EHT320	MCS0	4	6585	Full	0.21	0.21	0.12	0.21						-0.64	5.40	4.77	5.00	Pass
EHT320	MCS0	4	6585	OFDMA RU242*16	0.87	0.84	0.86	0.87						-1.30	5.40	4.10	5.00	Pass
EHT320	MCS0	4	6585	Puncture40_1	0.21	0.31	0.23	0.25						-0.82	5.40	4.58	5.00	Pass
EHT320	MCS0	4	6585	Puncture80_1	0.2	0.2	0.18	0.2						-0.84	5.40	4.56	5.00	Pass
EHT320	MCS0	4	6585	Puncture80+40_7	0.17	0.07	0.09	0.14						-0.79	5.40	4.61	5.00	Pass

U-NII-7 straddle channel MIMO																		
Mod.	Data Rate	NTX	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/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM					
EHT20	MCS0	4	6875	Full	0.07	0.08	0.07	0.08						-0.92	5.40	4.48	5.00	Pass
EHT20	MCS0	4	6875	OFDMA RU52*4	0.41	0.4	0.41	0.43						-0.97	5.40	4.43	5.00	Pass
EHT40	MCS0	4	6885	Full	0.13	0.14	0.1	0.05						-0.74	5.40	4.66	5.00	Pass
EHT40	MCS0	4	6885	OFDMA RU52*8	0.49	0.49	0.49	0.47						-1.07	5.40	4.33	5.00	Pass
EHT80	MCS0	4	6865	Full	0.08	0.13	0.16	0.08						-0.43	5.40	4.97	5.00	Pass
EHT80	MCS0	4	6865	OFDMA RU52*16	0.72	0.72	0.68	0.72						-0.60	5.40	4.80	5.00	Pass
EHT80	MCS0	4	6865	Puncture20_1	0.1	0.13	0.13	0.14						-0.84	5.40	4.56	5.00	Pass
EHT160	MCS0	4	6825	Full	0.13	0.08	0.06	0.12						-0.86	5.40	4.54	5.00	Pass
EHT160	MCS0	4	6825	OFDMA RU106*16	1.33	1.36	1.39	1.35						-1.00	5.40	4.40	5.00	Pass
EHT160	MCS0	4	6825	Puncture20_1	0.12	0.13	0.1	0.08						-0.96	5.40	4.44	5.00	Pass
EHT160	MCS0	4	6825	Puncture40_1	0.08	0.13	0.06	0.11						-1.29	5.40	4.11	5.00	Pass
EHT320	MCS0	4	6745	Full	0.21	0.21	0.12	0.21						-0.93	5.40	4.47	5.00	Pass
EHT320	MCS0	4	6745	OFDMA RU242*16	0.87	0.84	0.86	0.87						-1.37	5.40	4.03	5.00	Pass
EHT320	MCS0	4	6745	Puncture40_1	0.21	0.31	0.23	0.25						-1.34	5.40	4.06	5.00	Pass
EHT320	MCS0	4	6745	Puncture80_1	0.2	0.2	0.18	0.2						-1.31	5.40	4.09	5.00	Pass
EHT320	MCS0	4	6745	Puncture80+40_7	0.17	0.07	0.09	0.14						-1.11	5.40	4.29	5.00	Pass

**TEST RESULTS DATA**  
**26dB EBW and 99% OBW**

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6895	Full	19.25	19.24	19.25	19.26	22.72	22.96	23.28	23.68	320.00	Pass
EHT20	MCS0	4	6995	Full	19.24	19.30	19.24	19.26	23.28	23.12	23.28	23.60	320.00	Pass
EHT20	MCS0	4	7095	Full	19.24	19.22	19.19	19.25	23.28	23.20	22.80	22.88	320.00	Pass
EHT20	MCS0	4	7115	Full	19.24	19.28	19.21	19.27	23.20	22.72	23.28	23.20	320.00	Pass
EHT40	MCS0	4	6925	Full	38.58	38.61	38.62	38.53	46.40	46.24	45.92	45.28	320.00	Pass
EHT40	MCS0	4	7005	Full	38.56	38.66	38.61	38.54	46.56	46.08	46.08	46.08	320.00	Pass
EHT40	MCS0	4	7085	Full	38.71	38.54	38.57	38.58	46.08	45.92	46.24	46.24	320.00	Pass
EHT80	MCS0	4	6945	Full	76.57	76.32	76.25	76.34	95.04	92.16	89.28	91.52	320.00	Pass
EHT80	MCS0	4	7025	Full	76.52	76.28	76.33	76.30	94.08	91.84	90.56	90.24	320.00	Pass
EHT160	MCS0	4	6985	Full	157.83	157.66	157.67	157.65	177.60	173.76	173.28	173.76	320.00	Pass
EHT320	MCS0	4	6905	Full	316.02	315.48	315.92	315.46	343.68	343.68	343.68	339.84	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6895	Full	5.51	5.74	5.54	5.54	11.60	5.32	16.92	30.00	Pass
EHT20	MCS0	4	6895	OFDMA RU52*4	3.85	3.80	3.70	4.36	9.96	5.32	15.28	30.00	Pass
EHT20	MCS0	4	6995	Full	5.47	5.91	5.65	5.35	11.62	5.32	16.94	30.00	Pass
EHT20	MCS0	4	6995	OFDMA RU52*4	3.63	4.02	3.97	3.87	9.90	5.32	15.22	30.00	Pass
EHT20	MCS0	4	7095	Full	5.73	6.01	6.14	5.67	11.91	5.32	17.23	30.00	Pass
EHT20	MCS0	4	7095	OFDMA RU52*4	4.16	4.10	4.69	4.47	10.38	5.32	15.70	30.00	Pass
EHT20	MCS0	4	7115	Full	-1.40	-1.38	-0.84	-1.05	4.86	5.32	10.18	30.00	Pass
EHT20	MCS0	4	7115	OFDMA RU52*4	-2.41	-2.38	-1.81	-2.07	3.86	5.32	9.18	30.00	Pass
EHT40	MCS0	4	6925	Full	8.93	9.14	8.59	8.71	14.87	5.32	20.19	30.00	Pass
EHT40	MCS0	4	6925	OFDMA RU52*8	7.02	7.09	6.94	7.37	13.13	5.32	18.45	30.00	Pass
EHT40	MCS0	4	7005	Full	8.12	9.04	8.53	8.42	14.56	5.32	19.88	30.00	Pass
EHT40	MCS0	4	7005	OFDMA RU52*8	6.60	7.04	6.95	7.27	12.99	5.32	18.31	30.00	Pass
EHT40	MCS0	4	7085	Full	9.04	9.11	9.04	8.51	14.95	5.32	20.27	30.00	Pass
EHT40	MCS0	4	7085	OFDMA RU52*8	6.95	6.97	7.74	7.48	13.32	5.32	18.64	30.00	Pass
EHT80	MCS0	4	6945	Full	11.69	12.15	11.71	11.62	17.82	5.32	23.14	30.00	Pass
EHT80	MCS0	4	6945	OFDMA RU52*16	9.87	9.93	9.63	10.07	15.90	5.32	21.22	30.00	Pass
EHT80	MCS0	4	6945	Puncture20_1	9.91	10.00	9.63	10.00	15.91	5.32	21.23	30.00	Pass
EHT80	MCS0	4	7025	Full	11.62	12.24	11.95	11.55	17.87	5.32	23.19	30.00	Pass
EHT80	MCS0	4	7025	OFDMA RU52*16	9.37	10.12	9.88	9.68	15.79	5.32	21.11	30.00	Pass
EHT80	MCS0	4	7025	Puncture20_1	9.16	9.42	9.56	9.52	15.44	5.32	20.76	30.00	Pass
EHT160	MCS0	4	6985	Full	14.41	14.71	14.41	14.61	20.48	5.32	25.80	30.00	Pass
EHT160	MCS0	4	6985	OFDMA RU106*16	11.30	11.61	11.31	11.62	17.46	5.32	22.78	30.00	Pass
EHT160	MCS0	4	6985	Puncture20_1	13.29	13.55	13.30	13.76	19.40	5.32	24.72	30.00	Pass
EHT160	MCS0	4	6985	Puncture40_1	12.16	12.46	12.25	12.63	18.31	5.32	23.63	30.00	Pass
EHT320	MCS0	4	6905	Full	17.50	17.53	17.25	17.57	23.44	5.32	28.76	30.00	Pass
EHT320	MCS0	4	6905	OFDMA RU242*16	16.10	15.98	15.28	16.15	21.89	5.32	27.21	30.00	Pass
EHT320	MCS0	4	6905	Puncture40_1	16.10	15.89	15.59	16.55	21.91	5.32	27.23	30.00	Pass
EHT320	MCS0	4	6905	Puncture80_1	15.32	15.33	15.13	15.64	21.30	5.32	26.62	30.00	Pass
EHT320	MCS0	4	6905	Puncture80+40_7	14.31	14.32	14.09	14.74	20.33	5.32	25.65	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-8 MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.					Conducted Power Density with Duty Factor (dBm/MHz)				DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8					SUM
EHT20	MCS0	4	6895	Full	0.07	0.08	0.07	0.08					-0.94	5.37	4.43	5.00	Pass
EHT20	MCS0	4	6895	OFDMA RU52*4	0.41	0.4	0.41	0.43					-1.22	5.37	4.15	5.00	Pass
EHT20	MCS0	4	6995	Full	0.07	0.08	0.07	0.08					-0.81	5.37	4.56	5.00	Pass
EHT20	MCS0	4	6995	OFDMA RU52*4	0.41	0.4	0.41	0.43					-1.63	5.37	3.74	5.00	Pass
EHT20	MCS0	4	7095	Full	0.07	0.08	0.07	0.08					-0.72	5.37	4.65	5.00	Pass
EHT20	MCS0	4	7095	OFDMA RU52*4	0.41	0.4	0.41	0.43					-0.90	5.37	4.47	5.00	Pass
EHT20	MCS0	4	7115	Full	0.07	0.08	0.07	0.08					-7.12	5.37	-1.75	5.00	Pass
EHT20	MCS0	4	7115	OFDMA RU52*4	0.41	0.4	0.41	0.43					-7.28	5.37	-1.91	5.00	Pass
EHT40	MCS0	4	6925	Full	0.13	0.14	0.1	0.05					-0.52	5.37	4.85	5.00	Pass
EHT40	MCS0	4	6925	OFDMA RU52*8	0.49	0.49	0.49	0.47					-1.03	5.37	4.34	5.00	Pass
EHT40	MCS0	4	7005	Full	0.13	0.14	0.1	0.05					-0.82	5.37	4.55	5.00	Pass
EHT40	MCS0	4	7005	OFDMA RU52*8	0.49	0.49	0.49	0.47					-1.22	5.37	4.15	5.00	Pass
EHT40	MCS0	4	7085	Full	0.13	0.14	0.1	0.05					-0.42	5.37	4.95	5.00	Pass
EHT40	MCS0	4	7085	OFDMA RU52*8	0.49	0.49	0.49	0.47					-0.69	5.37	4.68	5.00	Pass
EHT80	MCS0	4	6945	Full	0.08	0.13	0.16	0.08					-0.43	5.37	4.94	5.00	Pass
EHT80	MCS0	4	6945	OFDMA RU52*16	0.72	0.72	0.68	0.72					-0.86	5.37	4.51	5.00	Pass
EHT80	MCS0	4	6945	Puncture20_1	0.1	0.13	0.13	0.14					-1.02	5.37	4.36	5.00	Pass
EHT80	MCS0	4	7025	Full	0.08	0.13	0.16	0.08					-0.43	5.37	4.94	5.00	Pass
EHT80	MCS0	4	7025	OFDMA RU52*16	0.72	0.72	0.68	0.72					-0.70	5.37	4.68	5.00	Pass
EHT80	MCS0	4	7025	Puncture20_1	0.1	0.13	0.13	0.14					-0.93	5.37	4.45	5.00	Pass
EHT160	MCS0	4	6985	Full	0.13	0.08	0.06	0.12					-0.74	5.37	4.63	5.00	Pass
EHT160	MCS0	4	6985	OFDMA RU106*16	1.33	1.36	1.39	1.35					-0.81	5.37	4.56	5.00	Pass
EHT160	MCS0	4	6985	Puncture20_1	0.12	0.13	0.1	0.08					-0.90	5.37	4.47	5.00	Pass
EHT160	MCS0	4	6985	Puncture40_1	0.08	0.13	0.06	0.11					-1.32	5.37	4.05	5.00	Pass
EHT320	MCS0	4	6905	Full	0.21	0.21	0.12	0.21					-0.43	5.37	4.94	5.00	Pass
EHT320	MCS0	4	6905	OFDMA RU242*16	0.87	0.84	0.86	0.87					-0.90	5.37	4.47	5.00	Pass
EHT320	MCS0	4	6905	Puncture40_1	0.21	0.31	0.23	0.25					-0.96	5.37	4.41	5.00	Pass
EHT320	MCS0	4	6905	Puncture80_1	0.2	0.2	0.18	0.2					-0.75	5.37	4.62	5.00	Pass
EHT320	MCS0	4	6905	Puncture80+40_7	0.17	0.07	0.09	0.14					-0.84	5.37	4.53	5.00	Pass

Nss=4

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6115	Full	6.00	6.44	6.21	6.02	12.19	4.67	16.86	30.00	Pass
HE20	MCS0	4	6275	Full	6.28	6.78	5.91	5.81	12.23	4.67	16.90	30.00	Pass
HE20	MCS0	4	6415	Full	6.25	6.54	6.51	6.40	12.45	4.67	17.12	30.00	Pass
HE40	MCS0	4	6125	Full	8.96	9.21	9.40	8.91	15.15	4.67	19.82	30.00	Pass
HE40	MCS0	4	6285	Full	8.99	9.64	9.05	9.07	15.22	4.67	19.89	30.00	Pass
HE40	MCS0	4	6405	Full	9.18	9.32	9.36	9.38	15.33	4.67	20.00	30.00	Pass
HE80	MCS0	4	6145	Full	12.12	12.55	12.40	12.21	18.34	4.67	23.01	30.00	Pass
HE80	MCS0	4	6305	Full	12.47	12.53	11.93	11.98	18.26	4.67	22.93	30.00	Pass
HE80	MCS0	4	6385	Full	12.24	12.28	12.13	12.22	18.24	4.67	22.91	30.00	Pass
HE160	MCS0	4	6185	Full	14.91	15.37	15.20	15.11	21.17	4.67	25.84	30.00	Pass
HE160	MCS0	4	6345	Full	15.64	15.76	15.18	15.15	21.46	4.67	26.13	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6435	Full	6.72	7.02	7.13	7.02	13.00	4.39	17.39	30.00	Pass
HE20	MCS0	4	6475	Full	6.70	7.00	6.80	6.35	12.74	4.39	17.13	30.00	Pass
HE20	MCS0	4	6515	Full	6.86	7.33	6.98	6.87	13.03	4.39	17.42	30.00	Pass
HE40	MCS0	4	6445	Full	9.25	9.62	10.10	9.81	15.73	4.39	20.12	30.00	Pass
HE40	MCS0	4	6485	Full	9.06	9.36	9.73	9.26	15.38	4.39	19.77	30.00	Pass
HE80	MCS0	4	6465	Full	12.79	12.93	13.11	12.73	18.91	4.39	23.30	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE40	MCS0	4	6525	Full	9.10	9.66	8.95	9.05	15.22	4.39	19.61	30.00	Pass
HE80	MCS0	4	6545	Full	12.81	13.19	12.80	12.50	18.85	4.39	23.24	30.00	Pass
HE160	MCS0	4	6505	Full	15.40	15.84	15.68	15.10	21.53	4.39	25.92	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6535	Full	6.65	7.32	6.69	6.62	12.85	4.38	17.23	30.00	Pass
HE20	MCS0	4	6695	Full	6.71	6.74	7.00	7.09	12.91	4.38	17.29	30.00	Pass
HE20	MCS0	4	6855	Full	7.00	7.15	6.98	7.00	13.05	4.38	17.43	30.00	Pass
HE40	MCS0	4	6565	Full	10.06	10.07	9.35	9.48	15.77	4.38	20.15	30.00	Pass
HE40	MCS0	4	6685	Full	9.40	9.23	9.36	9.59	15.42	4.38	19.80	30.00	Pass
HE40	MCS0	4	6845	Full	9.63	9.61	9.40	9.56	15.57	4.38	19.95	30.00	Pass
HE80	MCS0	4	6625	Full	12.48	12.84	12.45	12.68	18.64	4.38	23.02	30.00	Pass
HE80	MCS0	4	6705	Full	12.61	12.59	12.73	12.65	18.67	4.38	23.05	30.00	Pass
HE80	MCS0	4	6785	Full	12.78	13.04	12.90	12.66	18.87	4.38	23.25	30.00	Pass
HE160	MCS0	4	6665	Full	15.58	15.91	15.64	15.50	21.68	4.38	26.06	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6875	Full	6.61	6.74	6.65	6.62	12.68	4.38	17.06	30.00	Pass
HE40	MCS0	4	6885	Full	9.82	9.73	9.42	9.73	15.70	4.38	20.08	30.00	Pass
HE80	MCS0	4	6865	Full	12.88	12.96	12.56	12.96	18.86	4.38	23.24	30.00	Pass
HE160	MCS0	4	6825	Full	15.90	16.02	15.44	15.63	21.77	4.38	26.15	30.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6895	Full	5.58	5.83	5.46	5.80	11.69	5.32	17.01	30.00	Pass
HE20	MCS0	4	6995	Full	5.55	5.80	5.73	5.81	11.74	5.32	17.06	30.00	Pass
HE20	MCS0	4	7095	Full	5.84	5.91	6.35	6.20	12.10	5.32	17.42	30.00	Pass
HE20	MCS0	4	7115	Full	5.80	5.88	6.46	6.10	12.09	5.32	17.41	30.00	Pass
HE40	MCS0	4	6925	Full	8.72	8.94	8.47	8.93	14.79	5.32	20.11	30.00	Pass
HE40	MCS0	4	7005	Full	8.30	8.47	8.34	8.65	14.46	5.32	19.78	30.00	Pass
HE40	MCS0	4	7085	Full	8.44	8.18	8.66	8.63	14.50	5.32	19.82	30.00	Pass
HE80	MCS0	4	6945	Full	11.83	11.90	11.27	12.04	17.79	5.32	23.11	30.00	Pass
HE80	MCS0	4	7025	Full	11.71	11.90	11.74	12.02	17.86	5.32	23.18	30.00	Pass
HE160	MCS0	4	6985	Full	14.31	14.54	14.10	15.58	20.32	5.32	25.64	30.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6115	Full	19.19	19.28	19.19	19.16	22.48	25.60	22.08	22.64	320.00	Pass
EHT20	MCS0	4	6275	Full	19.28	19.24	19.25	19.29	23.04	23.60	24.24	24.08	320.00	Pass
EHT20	MCS0	4	6415	Full	19.20	19.21	19.14	19.27	22.64	22.48	22.08	23.84	320.00	Pass
EHT40	MCS0	4	6125	Full	38.60	38.49	38.41	38.47	45.56	45.76	45.12	45.44	320.00	Pass
EHT40	MCS0	4	6285	Full	38.56	38.50	38.51	35.52	45.76	45.60	45.44	45.76	320.00	Pass
EHT40	MCS0	4	6405	Full	38.58	38.49	38.43	38.49	45.92	45.12	45.60	46.40	320.00	Pass
EHT80	MCS0	4	6145	Full	77.87	77.79	77.72	77.75	88.00	88.00	89.60	88.32	320.00	Pass
EHT80	MCS0	4	6305	Full	77.85	77.72	77.81	77.90	88.64	88.32	88.64	88.32	320.00	Pass
EHT80	MCS0	4	6385	Full	77.91	77.68	77.82	77.79	89.92	88.32	88.64	88.64	320.00	Pass
EHT160	MCS0	4	6185	Full	157.60	157.50	157.51	157.44	175.20	172.80	173.28	173.28	320.00	Pass
EHT160	MCS0	4	6345	Full	158.04	157.69	157.69	157.55	175.20	174.72	172.32	172.80	320.00	Pass
EHT320	MCS0	4	6265	Full	315.60	316.20	316.09	315.78	567.36	586.56	462.72	462.72	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6115	Full	6.08	6.48	6.26	6.06	12.24	4.67	16.91	30.00	Pass
EHT20	MCS0	4	6115	OFDMA RU52*4	5.04	5.23	5.12	5.03	11.13	4.67	15.80	30.00	Pass
EHT20	MCS0	4	6275	Full	6.31	6.81	5.96	5.85	12.27	4.67	16.94	30.00	Pass
EHT20	MCS0	4	6275	OFDMA RU52*4	5.39	5.77	4.86	4.78	11.24	4.67	15.91	30.00	Pass
EHT20	MCS0	4	6415	Full	6.28	6.64	6.56	6.44	12.50	4.67	17.17	30.00	Pass
EHT20	MCS0	4	6415	OFDMA RU52*4	5.16	5.29	5.27	5.39	11.30	4.67	15.97	30.00	Pass
EHT40	MCS0	4	6125	Full	9.05	9.49	9.22	8.86	15.18	4.67	19.85	30.00	Pass
EHT40	MCS0	4	6125	OFDMA RU52*8	8.09	8.13	8.14	7.72	14.04	4.67	18.71	30.00	Pass
EHT40	MCS0	4	6285	Full	9.07	9.90	8.95	9.03	15.28	4.67	19.95	30.00	Pass
EHT40	MCS0	4	6285	OFDMA RU52*8	7.84	7.84	6.83	7.10	13.45	4.67	18.12	30.00	Pass
EHT40	MCS0	4	6405	Full	8.99	9.64	9.33	9.28	15.34	4.67	20.01	30.00	Pass
EHT40	MCS0	4	6405	OFDMA RU52*8	7.69	7.62	7.74	7.69	13.71	4.67	18.38	30.00	Pass
EHT80	MCS0	4	6145	Full	12.28	12.85	12.38	12.28	18.47	4.67	23.14	30.00	Pass
EHT80	MCS0	4	6145	OFDMA RU52*16	10.76	11.20	11.07	10.97	17.02	4.67	21.69	30.00	Pass
EHT80	MCS0	4	6145	Puncture20_1	10.34	10.72	10.73	10.52	16.60	4.67	21.27	30.00	Pass
EHT80	MCS0	4	6305	Full	12.42	12.65	11.96	12.00	18.29	4.67	22.96	30.00	Pass
EHT80	MCS0	4	6305	OFDMA RU52*16	11.15	11.22	10.41	10.70	16.90	4.67	21.57	30.00	Pass
EHT80	MCS0	4	6305	Puncture20_1	10.72	10.83	10.00	10.23	16.48	4.67	21.15	30.00	Pass
EHT80	MCS0	4	6385	Full	12.32	12.49	12.07	12.13	18.28	4.67	22.95	30.00	Pass
EHT80	MCS0	4	6385	OFDMA RU52*16	10.82	10.94	10.61	10.56	16.76	4.67	21.43	30.00	Pass
EHT80	MCS0	4	6385	Puncture20_1	10.49	10.55	10.24	10.26	16.41	4.67	21.08	30.00	Pass
EHT160	MCS0	4	6185	Full	15.00	15.58	15.21	15.12	21.25	4.67	25.92	30.00	Pass
EHT160	MCS0	4	6185	OFDMA RU106*16	12.52	12.59	12.89	12.68	18.69	4.67	23.36	30.00	Pass
EHT160	MCS0	4	6185	Puncture20_1	14.09	14.51	14.30	14.12	20.28	4.67	24.95	30.00	Pass
EHT160	MCS0	4	6185	Puncture40_1	13.12	13.57	13.26	13.15	19.30	4.67	23.97	30.00	Pass
EHT160	MCS0	4	6345	Full	15.63	15.86	15.21	15.17	21.50	4.67	26.17	30.00	Pass
EHT160	MCS0	4	6345	OFDMA RU106*16	13.76	13.85	13.12	13.24	19.52	4.67	24.19	30.00	Pass
EHT160	MCS0	4	6345	Puncture20_1	14.94	14.87	14.15	14.22	20.58	4.67	25.25	30.00	Pass
EHT160	MCS0	4	6345	Puncture40_1	14.39	14.42	13.71	13.63	20.07	4.67	24.74	30.00	Pass
EHT320	MCS0	4	6265	Full	18.27	18.71	17.66	17.85	24.16	4.67	28.83	30.00	Pass
EHT320	MCS0	4	6265	OFDMA RU242*16	17.00	17.18	16.24	17.18	22.94	4.67	27.61	30.00	Pass
EHT320	MCS0	4	6265	Puncture40_1	17.77	17.74	16.88	17.24	23.44	4.67	28.11	30.00	Pass
EHT320	MCS0	4	6265	Puncture80_1	16.88	17.00	16.12	16.39	22.63	4.67	27.30	30.00	Pass
EHT320	MCS0	4	6265	Puncture80+40_7	15.91	16.32	15.32	15.35	21.77	4.67	26.44	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-5 MIMO																	
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)				DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8					SUM
EHT20	MCS0	4	6115	Full	0.07	0.08	0.07	0.08					-0.08	4.67	4.59	5.00	Pass
EHT20	MCS0	4	6115	OFDMA RU52*4	0.41	0.4	0.41	0.43					-0.22	4.67	4.45	5.00	Pass
EHT20	MCS0	4	6275	Full	0.07	0.08	0.07	0.08					-0.16	4.67	4.51	5.00	Pass
EHT20	MCS0	4	6275	OFDMA RU52*4	0.41	0.4	0.41	0.43					-0.20	4.67	4.47	5.00	Pass
EHT20	MCS0	4	6415	Full	0.07	0.08	0.07	0.08					0.05	4.67	4.72	5.00	Pass
EHT20	MCS0	4	6415	OFDMA RU52*4	0.41	0.4	0.41	0.43					-0.05	4.67	4.62	5.00	Pass
EHT40	MCS0	4	6125	Full	0.13	0.14	0.1	0.05					-0.06	4.67	4.61	5.00	Pass
EHT40	MCS0	4	6125	OFDMA RU52*8	0.49	0.49	0.51	0.49					-0.10	4.67	4.57	5.00	Pass
EHT40	MCS0	4	6285	Full	0.13	0.14	0.1	0.05					-0.03	4.67	4.64	5.00	Pass
EHT40	MCS0	4	6285	OFDMA RU52*8	0.49	0.49	0.51	0.49					-0.57	4.67	4.10	5.00	Pass
EHT40	MCS0	4	6405	Full	0.13	0.14	0.1	0.05					0.02	4.67	4.69	5.00	Pass
EHT40	MCS0	4	6405	OFDMA RU52*8	0.49	0.49	0.51	0.49					-0.41	4.67	4.26	5.00	Pass
EHT80	MCS0	4	6145	Full	0.08	0.13	0.16	0.08					0.22	4.67	4.89	5.00	Pass
EHT80	MCS0	4	6145	OFDMA RU52*16	0.61	0.59	0.58	0.56					-0.01	4.67	4.66	5.00	Pass
EHT80	MCS0	4	6145	Puncture20_1	0.18	0.22	0.11	0.19					-0.17	4.67	4.50	5.00	Pass
EHT80	MCS0	4	6305	Full	0.08	0.13	0.16	0.08					-0.15	4.67	4.52	5.00	Pass
EHT80	MCS0	4	6305	OFDMA RU52*16	0.61	0.59	0.58	0.56					-0.28	4.67	4.39	5.00	Pass
EHT80	MCS0	4	6305	Puncture20_1	0.18	0.22	0.11	0.19					-0.29	4.67	4.38	5.00	Pass
EHT80	MCS0	4	6385	Full	0.08	0.13	0.16	0.08					-0.07	4.67	4.60	5.00	Pass
EHT80	MCS0	4	6385	OFDMA RU52*16	0.61	0.59	0.58	0.56					-0.30	4.67	4.37	5.00	Pass
EHT80	MCS0	4	6385	Puncture20_1	0.18	0.22	0.11	0.19					-0.45	4.67	4.22	5.00	Pass
EHT160	MCS0	4	6185	Full	0.13	0.08	0.06	0.12					-0.12	4.67	4.56	5.00	Pass
EHT160	MCS0	4	6185	OFDMA RU106*16	1.02	1.02	1.02	0.99					-0.60	4.67	4.07	5.00	Pass
EHT160	MCS0	4	6185	Puncture20_1	0.13	0.16	0.23	0.23					-0.17	4.67	4.50	5.00	Pass
EHT160	MCS0	4	6185	Puncture40_1	0.1	0.16	0.07	0.11					-0.56	4.67	4.11	5.00	Pass
EHT160	MCS0	4	6345	Full	0.13	0.08	0.06	0.12					0.12	4.67	4.79	5.00	Pass
EHT160	MCS0	4	6345	OFDMA RU106*16	1.02	1.02	1.02	0.99					0.10	4.67	4.77	5.00	Pass
EHT160	MCS0	4	6345	Puncture20_1	0.13	0.16	0.23	0.23					-0.10	4.67	4.57	5.00	Pass
EHT160	MCS0	4	6345	Puncture40_1	0.1	0.16	0.07	0.11					-0.01	4.67	4.66	5.00	Pass
EHT320	MCS0	4	6265	Full	0.21	0.21	0.12	0.21					0.05	4.67	4.72	5.00	Pass
EHT320	MCS0	4	6265	OFDMA RU242*16	0.87	0.84	0.86	0.87					-0.44	4.67	4.23	5.00	Pass
EHT320	MCS0	4	6265	Puncture40_1	0.1	0.22	0.21	0.17					-0.02	4.67	4.65	5.00	Pass
EHT320	MCS0	4	6265	Puncture80_1	0.22	0.14	0.16	0.11					-0.12	4.67	4.55	5.00	Pass
EHT320	MCS0	4	6265	Puncture80+40_7	0.13	0.29	0.27	0.14					0.00	4.67	4.67	5.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-6 MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6435	Full	19.23	19.14	19.17	19.14	22.80	22.64	22.16	22.48	320.00	Pass
EHT20	MCS0	4	6475	Full	19.22	19.21	19.16	19.15	22.64	22.08	22.64	22.48	320.00	Pass
EHT20	MCS0	4	6515	Full	19.21	19.23	19.22	19.16	24.08	25.28	24.80	22.32	320.00	Pass
EHT40	MCS0	4	6445	Full	38.53	38.50	38.56	38.55	45.60	45.28	44.80	45.60	320.00	Pass
EHT40	MCS0	4	6485	Full	38.65	38.49	38.41	38.49	46.24	45.60	45.28	44.96	320.00	Pass
EHT80	MCS0	4	6465	Full	77.82	77.77	77.84	77.82	91.52	87.36	88.64	88.32	320.00	Pass

U-NII-6 straddle channel MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT40	MCS0	4	6525	Full	38.57	38.47	38.50	38.53	45.76	44.96	44.96	45.60	320.00	Pass
EHT80	MCS0	4	6545	Full	77.75	77.73	77.81	77.84	90.24	87.36	88.64	89.28	320.00	Pass
EHT160	MCS0	4	6505	Full	157.43	157.53	157.54	157.43	175.68	171.84	173.28	173.28	320.00	Pass
EHT320	MCS0	4	6425	Full	316.64	316.44	316.48	316.56	591.36	591.36	587.52	605.76	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full	6.78	7.07	7.19	7.10	13.06	4.39	17.45	30.00	Pass
EHT20	MCS0	4	6435	OFDMA RU52*4	5.63	5.77	6.01	5.86	11.84	4.39	16.23	30.00	Pass
EHT20	MCS0	4	6475	Full	6.76	7.04	6.83	6.40	12.78	4.39	17.17	30.00	Pass
EHT20	MCS0	4	6475	OFDMA RU52*4	5.56	5.69	5.64	5.39	11.59	4.39	15.98	30.00	Pass
EHT20	MCS0	4	6515	Full	6.92	7.38	7.02	6.92	13.08	4.39	17.47	30.00	Pass
EHT20	MCS0	4	6515	OFDMA RU52*4	5.56	5.88	5.35	5.22	11.53	4.39	15.92	30.00	Pass
EHT40	MCS0	4	6445	Full	9.27	9.81	10.23	9.87	15.83	4.39	20.22	30.00	Pass
EHT40	MCS0	4	6445	OFDMA RU52*8	8.18	8.05	8.72	8.45	14.38	4.39	18.77	30.00	Pass
EHT40	MCS0	4	6485	Full	9.21	9.81	9.76	9.26	15.54	4.39	19.93	30.00	Pass
EHT40	MCS0	4	6485	OFDMA RU52*8	8.45	8.14	8.90	8.24	14.46	4.39	18.85	30.00	Pass
EHT80	MCS0	4	6465	Full	12.86	13.11	13.15	12.60	18.96	4.39	23.35	30.00	Pass
EHT80	MCS0	4	6465	OFDMA RU52*16	11.46	11.17	11.55	11.40	17.42	4.39	21.81	30.00	Pass
EHT80	MCS0	4	6465	Puncture20_1	10.81	10.72	11.11	10.87	16.90	4.39	21.29	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full	9.04	9.99	9.00	9.09	15.32	4.39	19.71	30.00	Pass
EHT40	MCS0	4	6525	OFDMA RU52*8	8.19	8.18	8.05	8.13	14.16	4.39	18.55	30.00	Pass
EHT80	MCS0	4	6545	Full	12.87	13.52	12.86	12.56	18.99	4.39	23.38	30.00	Pass
EHT80	MCS0	4	6545	OFDMA RU52*16	11.56	11.66	11.37	11.24	17.48	4.39	21.87	30.00	Pass
EHT80	MCS0	4	6545	Puncture20_1	11.18	11.21	10.76	10.67	16.98	4.39	21.37	30.00	Pass
EHT160	MCS0	4	6505	Full	15.51	15.93	15.76	15.26	21.64	4.39	26.03	30.00	Pass
EHT160	MCS0	4	6505	OFDMA RU106*16	13.37	13.28	13.29	13.01	19.26	4.39	23.65	30.00	Pass
EHT160	MCS0	4	6505	Puncture20_1	14.35	14.28	14.23	13.88	20.21	4.39	24.60	30.00	Pass
EHT160	MCS0	4	6505	Puncture40_1	13.84	13.68	13.62	13.26	19.63	4.39	24.02	30.00	Pass
EHT320	MCS0	4	6425	Full	18.00	18.22	18.29	18.43	24.26	4.39	28.65	30.00	Pass
EHT320	MCS0	4	6425	OFDMA RU242*16	16.71	16.84	16.83	17.10	22.89	4.39	27.28	30.00	Pass
EHT320	MCS0	4	6425	Puncture40_1	17.34	17.41	17.56	17.66	23.51	4.39	27.90	30.00	Pass
EHT320	MCS0	4	6425	Puncture80_1	16.51	16.73	16.76	16.86	22.74	4.39	27.13	30.00	Pass
EHT320	MCS0	4	6425	Puncture80+40_7	15.45	15.77	15.78	15.94	21.76	4.39	26.15	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-6 MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full	0.07	0.08	0.07	0.08	0.59	4.39				4.39	4.98	5.00	Pass
EHT20	MCS0	4	6435	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.34	4.39				4.73	5.00	Pass	
EHT20	MCS0	4	6475	Full	0.07	0.08	0.07	0.08	0.32	4.39				4.71	5.00	Pass	
EHT20	MCS0	4	6475	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.21	4.39				4.60	5.00	Pass	
EHT20	MCS0	4	6515	Full	0.07	0.08	0.07	0.08	0.46	4.39				4.85	5.00	Pass	
EHT20	MCS0	4	6515	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.12	4.39				4.51	5.00	Pass	
EHT40	MCS0	4	6445	Full	0.13	0.14	0.1	0.05	0.54	4.39				4.93	5.00	Pass	
EHT40	MCS0	4	6445	OFDMA RU52*8	0.49	0.49	0.51	0.49	0.24	4.39				4.63	5.00	Pass	
EHT40	MCS0	4	6485	Full	0.13	0.14	0.1	0.05	0.21	4.39				4.60	5.00	Pass	
EHT40	MCS0	4	6485	OFDMA RU52*8	0.49	0.49	0.51	0.49	0.17	4.39				4.56	5.00	Pass	
EHT80	MCS0	4	6465	Full	0.08	0.13	0.16	0.08	0.47	4.39				4.86	5.00	Pass	
EHT80	MCS0	4	6465	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.28	4.39				4.67	5.00	Pass	
EHT80	MCS0	4	6465	Puncture20_1	0.18	0.22	0.11	0.19	0.13	4.39				4.52	5.00	Pass	

U-NII-6 straddle channel MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full	0.13	0.14	0.1	0.05	-0.04	4.39				4.35	5.00	Pass	
EHT40	MCS0	4	6525	OFDMA RU52*8	0.49	0.49	0.51	0.49	-0.13	4.39				4.26	5.00	Pass	
EHT80	MCS0	4	6545	Full	0.08	0.13	0.16	0.08	0.54	4.39				4.93	5.00	Pass	
EHT80	MCS0	4	6545	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.38	4.39				4.77	5.00	Pass	
EHT80	MCS0	4	6545	Puncture20_1	0.18	0.22	0.11	0.19	0.29	4.39				4.68	5.00	Pass	
EHT160	MCS0	4	6505	Full	0.13	0.08	0.06	0.12	0.14	4.39				4.53	5.00	Pass	
EHT160	MCS0	4	6505	OFDMA RU106*16	1.02	1.02	1.02	0.99	-0.19	4.39				4.21	5.00	Pass	
EHT160	MCS0	4	6505	Puncture20_1	0.13	0.16	0.23	0.23	-0.20	4.39				4.19	5.00	Pass	
EHT160	MCS0	4	6505	Puncture40_1	0.1	0.16	0.07	0.11	-0.24	4.39				4.15	5.00	Pass	
EHT320	MCS0	4	6425	Full	0.21	0.21	0.12	0.21	0.12	4.39				4.51	5.00	Pass	
EHT320	MCS0	4	6425	OFDMA RU242*16	0.87	0.84	0.86	0.87	-0.25	4.39				4.14	5.00	Pass	
EHT320	MCS0	4	6425	Puncture40_1	0.1	0.22	0.21	0.17	0.01	4.39				4.40	5.00	Pass	
EHT320	MCS0	4	6425	Puncture80_1	0.22	0.14	0.16	0.11	-0.01	4.39				4.38	5.00	Pass	
EHT320	MCS0	4	6425	Puncture80+40_7	0.13	0.29	0.27	0.14	0.01	4.39				4.40	5.00	Pass	

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-7 MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6535	Full	19.21	19.19	19.25	19.17	22.72	22.56	25.92	22.48	320.00	Pass
EHT20	MCS0	4	6695	Full	19.15	19.18	19.18	19.14	22.48	22.40	22.32	22.24	320.00	Pass
EHT20	MCS0	4	6855	Full	19.20	19.24	19.23	19.25	22.64	24.88	24.40	24.56	320.00	Pass
EHT40	MCS0	4	6565	Full	38.51	38.42	38.48	38.48	44.96	45.60	45.28	46.40	320.00	Pass
EHT40	MCS0	4	6685	Full	38.49	38.48	38.49	38.45	45.60	45.92	45.92	45.28	320.00	Pass
EHT40	MCS0	4	6845	Full	38.63	38.47	38.52	38.48	45.44	45.92	44.96	46.24	320.00	Pass
EHT80	MCS0	4	6625	Full	77.87	77.69	77.79	77.82	89.60	88.32	88.64	88.00	320.00	Pass
EHT80	MCS0	4	6705	Full	77.75	77.84	77.75	77.78	89.28	88.00	88.32	88.64	320.00	Pass
EHT80	MCS0	4	6785	Full	77.92	77.83	77.78	77.85	88.64	90.88	88.32	88.32	320.00	Pass
EHT160	MCS0	4	6665	Full	157.84	157.72	157.38	157.62	286.56	173.28	173.28	171.84	320.00	Pass
EHT320	MCS0	4	6585	Full	316.19	316.35	315.93	316.13	607.68	590.40	608.64	610.56	320.00	Pass

U-NII-7 straddle channel MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6875	Full	19.28	19.24	19.24	19.25	22.56	24.72	24.00	24.32	320.00	Pass
EHT40	MCS0	4	6885	Full	38.56	38.44	38.45	38.45	45.76	46.24	45.76	44.48	320.00	Pass
EHT80	MCS0	4	6865	Full	77.92	77.84	77.83	77.83	88.96	88.32	88.64	87.04	320.00	Pass
EHT160	MCS0	4	6825	Full	157.75	157.59	157.53	157.42	223.68	173.18	173.76	170.40	320.00	Pass
EHT320	MCS0	4	6745	Full	316.49	315.89	316.21	315.70	628.80	625.92	635.52	631.68	320.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6535	Full	6.69	7.39	6.72	6.67	12.90	4.38	17.28	30.00	Pass
EHT20	MCS0	4	6535	OFDMA RU52*4	5.88	6.19	5.71	5.40	11.82	4.38	16.20	30.00	Pass
EHT20	MCS0	4	6695	Full	6.74	6.77	7.04	7.14	12.95	4.38	17.33	30.00	Pass
EHT20	MCS0	4	6695	OFDMA RU52*4	6.30	5.93	6.26	6.49	12.27	4.38	16.65	30.00	Pass
EHT20	MCS0	4	6855	Full	7.05	7.17	7.01	7.04	13.09	4.38	17.47	30.00	Pass
EHT20	MCS0	4	6855	OFDMA RU52*4	6.54	6.46	6.50	6.67	12.56	4.38	16.94	30.00	Pass
EHT40	MCS0	4	6565	Full	10.06	10.38	9.35	9.36	15.83	4.38	20.21	30.00	Pass
EHT40	MCS0	4	6565	OFDMA RU52*8	8.60	8.91	8.17	8.62	14.60	4.38	18.98	30.00	Pass
EHT40	MCS0	4	6685	Full	9.28	9.46	9.50	9.62	15.49	4.38	19.87	30.00	Pass
EHT40	MCS0	4	6685	OFDMA RU52*8	7.65	7.42	7.77	8.84	13.98	4.38	18.36	30.00	Pass
EHT40	MCS0	4	6845	Full	9.62	9.81	9.50	9.54	15.64	4.38	20.02	30.00	Pass
EHT40	MCS0	4	6845	OFDMA RU52*8	8.36	8.48	8.61	8.67	14.55	4.38	18.93	30.00	Pass
EHT80	MCS0	4	6625	Full	12.54	13.00	12.61	12.75	18.75	4.38	23.13	30.00	Pass
EHT80	MCS0	4	6625	OFDMA RU52*16	11.04	11.12	11.07	11.40	17.18	4.38	21.56	30.00	Pass
EHT80	MCS0	4	6625	Puncture20_1	10.62	10.75	10.59	10.99	16.76	4.38	21.14	30.00	Pass
EHT80	MCS0	4	6705	Full	12.66	12.88	12.82	12.85	18.82	4.38	23.20	30.00	Pass
EHT80	MCS0	4	6705	OFDMA RU52*16	11.23	11.00	11.29	11.70	17.33	4.38	21.71	30.00	Pass
EHT80	MCS0	4	6705	Puncture20_1	10.80	10.53	10.90	11.20	16.88	4.38	21.26	30.00	Pass
EHT80	MCS0	4	6785	Full	12.73	13.21	12.94	12.73	18.93	4.38	23.31	30.00	Pass
EHT80	MCS0	4	6785	OFDMA RU52*16	11.29	11.44	11.63	11.54	17.50	4.38	21.88	30.00	Pass
EHT80	MCS0	4	6785	Puncture20_1	10.77	11.08	11.20	10.88	17.01	4.38	21.39	30.00	Pass
EHT160	MCS0	4	6665	Full	15.65	16.01	15.82	15.69	21.82	4.38	26.20	30.00	Pass
EHT160	MCS0	4	6665	OFDMA RU106*16	13.13	13.13	13.31	13.68	19.34	4.38	23.72	30.00	Pass
EHT160	MCS0	4	6665	Puncture20_1	14.33	14.35	14.33	14.55	20.41	4.38	24.79	30.00	Pass
EHT160	MCS0	4	6665	Puncture40_1	13.80	13.65	13.86	13.99	19.85	4.38	24.23	30.00	Pass
EHT320	MCS0	4	6585	Full	18.41	18.47	18.17	18.20	24.34	4.38	28.72	30.00	Pass
EHT320	MCS0	4	6585	OFDMA RU242*16	17.14	17.17	16.67	16.82	22.98	4.38	27.36	30.00	Pass
EHT320	MCS0	4	6585	Puncture40_1	17.55	17.61	17.18	17.43	23.47	4.38	27.85	30.00	Pass
EHT320	MCS0	4	6585	Puncture80_1	16.23	16.43	15.87	16.14	22.19	4.38	26.57	30.00	Pass
EHT320	MCS0	4	6585	Puncture80+40_7	15.03	15.39	15.00	15.34	21.21	4.38	25.59	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6875	Full	6.65	6.79	6.68	6.65	12.71	4.38	17.09	30.00	Pass
EHT20	MCS0	4	6875	OFDMA RU52*4	6.32	6.11	6.02	6.34	12.22	4.38	16.60	30.00	Pass
EHT40	MCS0	4	6885	Full	9.66	9.90	9.56	9.72	15.73	4.38	20.11	30.00	Pass
EHT40	MCS0	4	6885	OFDMA RU52*8	8.45	8.73	8.68	8.66	14.65	4.38	19.03	30.00	Pass
EHT80	MCS0	4	6865	Full	12.82	13.20	12.62	12.99	18.93	4.38	23.31	30.00	Pass
EHT80	MCS0	4	6865	OFDMA RU52*16	11.34	11.41	11.29	11.65	17.45	4.38	21.83	30.00	Pass
EHT80	MCS0	4	6865	Puncture20_1	11.14	10.97	10.79	11.10	17.02	4.38	21.40	30.00	Pass
EHT160	MCS0	4	6825	Full	15.85	16.27	15.52	15.60	21.84	4.38	26.22	30.00	Pass
EHT160	MCS0	4	6825	OFDMA RU106*16	13.42	13.63	13.50	13.63	19.57	4.38	23.95	30.00	Pass
EHT160	MCS0	4	6825	Puncture20_1	14.56	14.70	14.42	14.61	20.59	4.38	24.97	30.00	Pass
EHT160	MCS0	4	6825	Puncture40_1	14.11	14.16	13.92	13.98	20.06	4.38	24.44	30.00	Pass
EHT320	MCS0	4	6745	Full	18.23	18.59	18.30	18.07	24.32	4.38	28.70	30.00	Pass
EHT320	MCS0	4	6745	OFDMA RU242*16	16.96	16.91	16.75	16.75	22.86	4.38	27.24	30.00	Pass
EHT320	MCS0	4	6745	Puncture40_1	17.32	17.54	17.31	17.46	23.43	4.38	27.81	30.00	Pass
EHT320	MCS0	4	6745	Puncture80_1	16.54	16.82	16.57	16.61	22.66	4.38	27.04	30.00	Pass
EHT320	MCS0	4	6745	Puncture80+40_7	15.17	15.57	15.38	15.48	21.42	4.38	25.80	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-7 MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6535	Full	0.07	0.08	0.07	0.08	0.45	4.38	4.83	5.00	Pass				
EHT20	MCS0	4	6535	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.36	4.38	4.74	5.00	Pass				
EHT20	MCS0	4	6695	Full	0.07	0.08	0.07	0.08	0.46	4.38	4.84	5.00	Pass				
EHT20	MCS0	4	6695	OFDMA RU52*4	0.41	0.4	0.41	0.43	-0.04	4.38	4.34	5.00	Pass				
EHT20	MCS0	4	6855	Full	0.07	0.08	0.07	0.08	0.61	4.38	4.99	5.00	Pass				
EHT20	MCS0	4	6855	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.40	4.38	4.78	5.00	Pass				
EHT40	MCS0	4	6565	Full	0.13	0.14	0.1	0.05	0.52	4.38	4.90	5.00	Pass				
EHT40	MCS0	4	6565	OFDMA RU52*8	0.49	0.49	0.51	0.49	0.49	4.38	4.87	5.00	Pass				
EHT40	MCS0	4	6685	Full	0.13	0.14	0.1	0.05	0.19	4.38	4.57	5.00	Pass				
EHT40	MCS0	4	6685	OFDMA RU52*8	0.49	0.49	0.51	0.49	-0.22	4.38	4.16	5.00	Pass				
EHT40	MCS0	4	6845	Full	0.13	0.14	0.1	0.05	0.29	4.38	4.67	5.00	Pass				
EHT40	MCS0	4	6845	OFDMA RU52*8	0.49	0.49	0.51	0.49	0.17	4.38	4.55	5.00	Pass				
EHT80	MCS0	4	6625	Full	0.08	0.13	0.16	0.08	0.26	4.38	4.64	5.00	Pass				
EHT80	MCS0	4	6625	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.03	4.38	4.41	5.00	Pass				
EHT80	MCS0	4	6625	Puncture20_1	0.18	0.22	0.11	0.19	-0.07	4.38	4.32	5.00	Pass				
EHT80	MCS0	4	6705	Full	0.08	0.13	0.16	0.08	0.24	4.38	4.62	5.00	Pass				
EHT80	MCS0	4	6705	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.12	4.38	4.50	5.00	Pass				
EHT80	MCS0	4	6705	Puncture20_1	0.18	0.22	0.11	0.19	0.07	4.38	4.45	5.00	Pass				
EHT80	MCS0	4	6785	Full	0.08	0.13	0.16	0.08	0.50	4.38	4.88	5.00	Pass				
EHT80	MCS0	4	6785	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.33	4.38	4.71	5.00	Pass				
EHT80	MCS0	4	6785	Puncture20_1	0.18	0.22	0.11	0.19	0.25	4.38	4.63	5.00	Pass				
EHT160	MCS0	4	6665	Full	0.13	0.08	0.06	0.12	0.03	4.38	4.41	5.00	Pass				
EHT160	MCS0	4	6665	OFDMA RU106*16	1.02	1.02	1.02	0.99	-0.05	4.38	4.33	5.00	Pass				
EHT160	MCS0	4	6665	Puncture20_1	0.13	0.16	0.23	0.23	-0.01	4.38	4.37	5.00	Pass				
EHT160	MCS0	4	6665	Puncture40_1	0.1	0.16	0.07	0.11	0.00	4.38	4.38	5.00	Pass				
EHT320	MCS0	4	6585	Full	0.21	0.21	0.12	0.21	0.09	4.38	4.47	5.00	Pass				
EHT320	MCS0	4	6585	OFDMA RU242*16	0.87	0.84	0.86	0.87	-0.24	4.38	4.14	5.00	Pass				
EHT320	MCS0	4	6585	Puncture40_1	0.1	0.22	0.21	0.17	0.08	4.38	4.46	5.00	Pass				
EHT320	MCS0	4	6585	Puncture80_1	0.22	0.14	0.16	0.11	-0.28	4.38	4.10	5.00	Pass				
EHT320	MCS0	4	6585	Puncture80+40_7	0.13	0.29	0.27	0.14	-0.23	4.38	4.15	5.00	Pass				

U-NII-7 straddle channel MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6875	Full	0.07	0.08	0.07	0.08	0.19	4.38	4.57	5.00	Pass				
EHT20	MCS0	4	6875	OFDMA RU52*4	0.41	0.4	0.41	0.43	0.12	4.38	4.50	5.00	Pass				
EHT40	MCS0	4	6885	Full	0.13	0.14	0.1	0.05	0.40	4.38	4.78	5.00	Pass				
EHT40	MCS0	4	6885	OFDMA RU52*8	0.49	0.49	0.51	0.49	0.38	4.38	4.76	5.00	Pass				
EHT80	MCS0	4	6865	Full	0.08	0.13	0.16	0.08	0.60	4.38	4.98	5.00	Pass				
EHT80	MCS0	4	6865	OFDMA RU52*16	0.61	0.59	0.58	0.56	0.38	4.38	4.76	5.00	Pass				
EHT80	MCS0	4	6865	Puncture20_1	0.18	0.22	0.11	0.19	0.30	4.38	4.68	5.00	Pass				
EHT160	MCS0	4	6825	Full	0.13	0.08	0.06	0.12	0.47	4.38	4.85	5.00	Pass				
EHT160	MCS0	4	6825	OFDMA RU106*16	1.02	1.02	1.02	0.99	0.09	4.38	4.47	5.00	Pass				
EHT160	MCS0	4	6825	Puncture20_1	0.13	0.16	0.23	0.23	0.30	4.38	4.68	5.00	Pass				
EHT160	MCS0	4	6825	Puncture40_1	0.1	0.16	0.07	0.11	0.28	4.38	4.66	5.00	Pass				
EHT320	MCS0	4	6745	Full	0.21	0.21	0.12	0.21	0.12	4.38	4.50	5.00	Pass				
EHT320	MCS0	4	6745	OFDMA RU242*16	0.87	0.84	0.86	0.87	-0.37	4.38	4.01	5.00	Pass				
EHT320	MCS0	4	6745	Puncture40_1	0.1	0.22	0.21	0.17	0.01	4.38	4.39	5.00	Pass				
EHT320	MCS0	4	6745	Puncture80_1	0.22	0.14	0.16	0.11	0.11	4.38	4.49	5.00	Pass				
EHT320	MCS0	4	6745	Puncture80+40_7	0.13	0.29	0.27	0.14	-0.17	4.38	4.21	5.00	Pass				

**TEST RESULTS DATA**  
**26dB EBW and 99% OBW**

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6895	Full	19.23	19.23	19.26	19.22	23.28	24.32	23.76	23.76	320.00	Pass
EHT20	MCS0	4	6995	Full	19.20	19.24	19.25	19.29	24.88	24.00	23.76	23.68	320.00	Pass
EHT20	MCS0	4	7095	Full	19.18	19.20	19.18	19.25	22.80	22.16	22.56	25.20	320.00	Pass
EHT20	MCS0	4	7115	Full	19.22	19.22	19.23	19.18	25.36	25.68	26.56	23.28	320.00	Pass
EHT40	MCS0	4	6925	Full	38.61	38.45	38.48	38.56	45.44	45.44	44.80	45.60	320.00	Pass
EHT40	MCS0	4	7005	Full	38.61	38.48	38.57	38.49	46.40	45.76	45.28	44.48	320.00	Pass
EHT40	MCS0	4	7085	Full	38.55	38.52	38.53	38.50	45.60	46.40	44.64	45.12	320.00	Pass
EHT80	MCS0	4	6945	Full	77.84	77.74	77.88	77.80	89.92	88.32	87.68	88.32	320.00	Pass
EHT80	MCS0	4	7025	Full	77.86	77.81	77.74	77.87	89.60	89.92	88.00	88.64	320.00	Pass
EHT160	MCS0	4	6985	Full	157.69	157.57	157.42	157.39	176.64	173.28	174.24	173.28	320.00	Pass
EHT320	MCS0	4	6905	Full	315.90	315.87	316.49	315.76	689.28	603.84	480.96	544.32	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6895	Full	5.61	5.88	5.51	5.83	11.73	5.32	17.05	30.00	Pass
EHT20	MCS0	4	6895	OFDMA RU52*4	5.36	5.15	5.03	5.42	11.26	5.32	16.58	30.00	Pass
EHT20	MCS0	4	6995	Full	5.59	5.83	5.79	5.84	11.78	5.32	17.10	30.00	Pass
EHT20	MCS0	4	6995	OFDMA RU52*4	5.13	5.19	5.21	5.24	11.21	5.32	16.53	30.00	Pass
EHT20	MCS0	4	7095	Full	5.89	5.98	6.39	6.26	12.16	5.32	17.48	30.00	Pass
EHT20	MCS0	4	7095	OFDMA RU52*4	5.42	5.08	5.74	5.36	11.43	5.32	16.75	30.00	Pass
EHT20	MCS0	4	7115	Full	5.27	5.04	5.82	5.21	11.37	5.32	16.69	30.00	Pass
EHT20	MCS0	4	7115	OFDMA RU52*4	2.67	2.59	3.22	2.86	8.86	5.32	14.18	30.00	Pass
EHT40	MCS0	4	6925	Full	8.57	9.13	8.64	8.93	14.84	5.32	20.16	30.00	Pass
EHT40	MCS0	4	6925	OFDMA RU52*8	7.58	7.56	7.61	7.82	13.66	5.32	18.98	30.00	Pass
EHT40	MCS0	4	7005	Full	8.24	8.59	8.50	8.64	14.52	5.32	19.84	30.00	Pass
EHT40	MCS0	4	7005	OFDMA RU52*8	7.20	7.59	7.26	7.62	13.44	5.32	18.76	30.00	Pass
EHT40	MCS0	4	7085	Full	8.69	8.67	8.91	8.94	14.82	5.32	20.14	30.00	Pass
EHT40	MCS0	4	7085	OFDMA RU52*8	6.93	6.96	7.70	7.44	13.29	5.32	18.61	30.00	Pass
EHT80	MCS0	4	6945	Full	11.87	12.01	11.37	12.11	17.87	5.32	23.19	30.00	Pass
EHT80	MCS0	4	6945	OFDMA RU52*16	10.27	10.49	10.14	10.62	16.40	5.32	21.72	30.00	Pass
EHT80	MCS0	4	6945	Puncture20_1	9.95	10.07	9.65	10.02	15.95	5.32	21.27	30.00	Pass
EHT80	MCS0	4	7025	Full	11.59	12.11	11.85	11.93	17.89	5.32	23.21	30.00	Pass
EHT80	MCS0	4	7025	OFDMA RU52*16	10.15	10.46	10.55	10.61	16.47	5.32	21.79	30.00	Pass
EHT80	MCS0	4	7025	Puncture20_1	9.75	9.94	10.03	10.08	15.97	5.32	21.29	30.00	Pass
EHT160	MCS0	4	6985	Full	14.40	14.65	14.24	14.24	20.41	5.32	25.73	30.00	Pass
EHT160	MCS0	4	6985	OFDMA RU106*16	11.81	12.08	11.82	12.03	17.96	5.32	23.28	30.00	Pass
EHT160	MCS0	4	6985	Puncture20_1	12.90	13.09	12.86	12.95	18.97	5.32	24.29	30.00	Pass
EHT160	MCS0	4	6985	Puncture40_1	12.29	12.45	12.21	12.38	18.35	5.32	23.67	30.00	Pass
EHT320	MCS0	4	6905	Full	17.56	17.50	17.09	17.40	23.41	5.32	28.73	30.00	Pass
EHT320	MCS0	4	6905	OFDMA RU242*16	16.05	16.04	15.71	16.01	21.98	5.32	27.30	30.00	Pass
EHT320	MCS0	4	6905	Puncture40_1	16.49	16.53	16.25	16.50	22.46	5.32	27.78	30.00	Pass
EHT320	MCS0	4	6905	Puncture80_1	15.26	15.43	15.14	15.51	21.36	5.32	26.68	30.00	Pass
EHT320	MCS0	4	6905	Puncture80+40_7	14.14	14.34	14.02	14.56	20.29	5.32	25.61	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-8 MIMO																	
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor(dBm)				Conducted Power Density with Duty Factor (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6895	Full	0.07	0.08	0.07	0.08	-0.72	5.32	4.60	5.00	5.00	Pass			
EHT20	MCS0	4	6895	OFDMA RU52*4	0.41	0.4	0.41	0.43	-0.75	5.32	4.57	5.00	5.00	Pass			
EHT20	MCS0	4	6995	Full	0.07	0.08	0.07	0.08	-0.62	5.32	4.70	5.00	5.00	Pass			
EHT20	MCS0	4	6995	OFDMA RU52*4	0.41	0.4	0.41	0.43	-0.92	5.32	4.40	5.00	5.00	Pass			
EHT20	MCS0	4	7095	Full	0.07	0.08	0.07	0.08	-0.37	5.32	4.95	5.00	5.00	Pass			
EHT20	MCS0	4	7095	OFDMA RU52*4	0.41	0.4	0.41	0.43	-0.71	5.32	4.61	5.00	5.00	Pass			
EHT20	MCS0	4	7115	Full	0.07	0.08	0.07	0.08	-1.02	5.32	4.30	5.00	5.00	Pass			
EHT20	MCS0	4	7115	OFDMA RU52*4	0.41	0.4	0.41	0.43	-2.58	5.32	2.74	5.00	5.00	Pass			
EHT40	MCS0	4	6925	Full	0.13	0.14	0.1	0.05	-0.49	5.32	4.84	5.00	5.00	Pass			
EHT40	MCS0	4	6925	OFDMA RU52*8	0.49	0.49	0.51	0.49	-0.59	5.32	4.73	5.00	5.00	Pass			
EHT40	MCS0	4	7005	Full	0.13	0.14	0.1	0.05	-0.79	5.32	4.53	5.00	5.00	Pass			
EHT40	MCS0	4	7005	OFDMA RU52*8	0.49	0.49	0.51	0.49	-0.86	5.32	4.46	5.00	5.00	Pass			
EHT40	MCS0	4	7085	Full	0.13	0.14	0.1	0.05	-0.73	5.32	4.59	5.00	5.00	Pass			
EHT40	MCS0	4	7085	OFDMA RU52*8	0.49	0.49	0.51	0.49	-0.90	5.32	4.42	5.00	5.00	Pass			
EHT80	MCS0	4	6945	Full	0.08	0.13	0.16	0.08	-0.43	5.32	4.90	5.00	5.00	Pass			
EHT80	MCS0	4	6945	OFDMA RU52*16	0.61	0.59	0.58	0.56	-0.60	5.32	4.72	5.00	5.00	Pass			
EHT80	MCS0	4	6945	Puncture20_1	0.18	0.22	0.11	0.19	-0.78	5.32	4.54	5.00	5.00	Pass			
EHT80	MCS0	4	7025	Full	0.08	0.13	0.16	0.08	-0.38	5.32	4.94	5.00	5.00	Pass			
EHT80	MCS0	4	7025	OFDMA RU52*16	0.61	0.59	0.58	0.56	-0.48	5.32	4.84	5.00	5.00	Pass			
EHT80	MCS0	4	7025	Puncture20_1	0.18	0.22	0.11	0.19	-0.74	5.32	4.58	5.00	5.00	Pass			
EHT160	MCS0	4	6985	Full	0.13	0.08	0.06	0.12	-0.81	5.32	4.51	5.00	5.00	Pass			
EHT160	MCS0	4	6985	OFDMA RU106*16	1.02	1.02	1.02	0.99	-1.12	5.32	4.20	5.00	5.00	Pass			
EHT160	MCS0	4	6985	Puncture20_1	0.13	0.16	0.23	0.23	-1.12	5.32	4.21	5.00	5.00	Pass			
EHT160	MCS0	4	6985	Puncture40_1	0.1	0.16	0.07	0.11	-1.08	5.32	4.24	5.00	5.00	Pass			
EHT320	MCS0	4	6905	Full	0.21	0.21	0.12	0.21	-0.45	5.32	4.87	5.00	5.00	Pass			
EHT320	MCS0	4	6905	OFDMA RU242*16	0.87	0.84	0.86	0.87	-0.90	5.32	4.42	5.00	5.00	Pass			
EHT320	MCS0	4	6905	Puncture40_1	0.1	0.22	0.21	0.17	-0.56	5.32	4.76	5.00	5.00	Pass			
EHT320	MCS0	4	6905	Puncture80_1	0.22	0.14	0.16	0.11	-0.78	5.32	4.54	5.00	5.00	Pass			
EHT320	MCS0	4	6905	Puncture80+40_7	0.13	0.29	0.27	0.14	-0.88	5.32	4.44	5.00	5.00	Pass			

&lt;TXBF Mode&gt;

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6115	Full	5.52	5.63	5.51	5.36	11.53	4.90	16.43	30.00	Pass
HE20	MCS0	4	6275	Full	5.02	5.36	4.85	4.98	11.08	4.90	15.98	30.00	Pass
HE20	MCS0	4	6415	Full	4.32	4.38	4.76	4.59	10.54	4.90	15.44	30.00	Pass
HE40	MCS0	4	6125	Full	7.10	7.54	7.32	7.64	13.43	4.90	18.33	30.00	Pass
HE40	MCS0	4	6285	Full	7.98	8.44	7.56	8.12	14.06	4.90	18.96	30.00	Pass
HE40	MCS0	4	6405	Full	7.01	6.91	7.28	7.42	13.18	4.90	18.08	30.00	Pass
HE80	MCS0	4	6145	Full	9.98	10.55	10.28	10.67	16.40	4.90	21.30	30.00	Pass
HE80	MCS0	4	6305	Full	10.95	11.29	10.13	10.85	16.85	4.90	21.75	30.00	Pass
HE80	MCS0	4	6385	Full	10.55	10.82	10.52	10.88	16.72	4.90	21.62	30.00	Pass
HE160	MCS0	4	6185	Full	11.23	11.69	11.59	11.36	17.49	4.90	22.39	30.00	Pass
HE160	MCS0	4	6345	Full	12.58	12.64	12.23	11.78	18.34	4.90	23.24	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6435	Full	4.21	4.64	5.11	4.68	10.69	4.94	15.63	30.00	Pass
HE20	MCS0	4	6475	Full	4.69	4.82	5.05	4.68	10.83	4.94	15.77	30.00	Pass
HE20	MCS0	4	6515	Full	4.75	5.41	5.32	4.92	11.13	4.94	16.07	30.00	Pass
HE40	MCS0	4	6445	Full	7.02	7.11	7.69	7.65	13.40	4.94	18.34	30.00	Pass
HE40	MCS0	4	6485	Full	7.48	7.16	7.68	7.53	13.49	4.94	18.43	30.00	Pass
HE80	MCS0	4	6465	Full	10.42	10.31	10.38	10.41	16.40	4.94	21.34	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE40	MCS0	4	6525	Full	7.56	7.89	7.16	7.69	13.60	4.94	18.54	30.00	Pass
HE80	MCS0	4	6545	Full	10.75	11.13	10.88	10.84	16.92	4.94	21.86	30.00	Pass
HE160	MCS0	4	6505	Full	12.15	12.03	11.83	11.63	17.94	4.94	22.88	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6535	Full	4.60	4.88	4.58	4.69	10.71	5.40	16.11	30.00	Pass
HE20	MCS0	4	6695	Full	4.02	4.28	4.78	4.66	10.47	5.40	15.87	30.00	Pass
HE20	MCS0	4	6855	Full	4.63	4.71	5.16	4.90	10.88	5.40	16.28	30.00	Pass
HE40	MCS0	4	6565	Full	7.31	7.86	6.82	7.68	13.46	5.40	18.86	30.00	Pass
HE40	MCS0	4	6685	Full	6.96	7.24	7.03	7.98	13.34	5.40	18.74	30.00	Pass
HE40	MCS0	4	6845	Full	7.81	7.99	7.01	8.14	13.78	5.40	19.18	30.00	Pass
HE80	MCS0	4	6625	Full	10.84	10.99	10.89	11.27	17.02	5.40	22.42	30.00	Pass
HE80	MCS0	4	6705	Full	10.56	10.68	10.58	10.88	16.70	5.40	22.10	30.00	Pass
HE80	MCS0	4	6785	Full	10.41	10.69	10.89	10.88	16.74	5.40	22.14	30.00	Pass
HE160	MCS0	4	6665	Full	10.84	11.11	10.89	11.17	17.03	5.40	22.43	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
HE20	MCS0	4	6875	Full	5.09	4.62	4.72	4.84	10.84	5.40	16.24	30.00	Pass
HE40	MCS0	4	6885	Full	6.99	7.39	7.51	7.47	13.37	5.40	18.77	30.00	Pass
HE80	MCS0	4	6865	Full	10.83	11.12	10.46	11.33	16.97	5.40	22.37	30.00	Pass
HE160	MCS0	4	6825	Full	11.92	12.23	12.06	12.27	18.14	5.40	23.54	30.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM	4TX	SUM		
HE20	MCS0	4	6895	Full	4.78	4.79	5.05	5.18	10.97	5.37	16.34	30.00	Pass
HE20	MCS0	4	6995	Full	4.35	4.60	4.78	4.69	10.63	5.37	16.00	30.00	Pass
HE20	MCS0	4	7095	Full	4.13	3.93	5.15	3.75	10.30	5.37	15.67	30.00	Pass
HE20	MCS0	4	7115	Full	4.84	4.90	5.50	4.97	11.08	5.37	16.45	30.00	Pass
HE40	MCS0	4	6925	Full	7.46	8.17	8.69	8.11	14.15	5.37	19.52	30.00	Pass
HE40	MCS0	4	7005	Full	7.71	8.16	8.19	8.27	14.11	5.37	19.48	30.00	Pass
HE40	MCS0	4	7085	Full	7.06	7.22	7.57	7.65	13.40	5.37	18.77	30.00	Pass
HE80	MCS0	4	6945	Full	11.01	10.89	10.11	11.29	16.87	5.37	22.24	30.00	Pass
HE80	MCS0	4	7025	Full	10.14	10.56	10.68	11.13	16.66	5.37	22.03	30.00	Pass
HE160	MCS0	4	6985	Full	11.78	12.18	11.67	10.84	17.85	5.37	23.22	30.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6115	Full	18.96	19.20	19.19	19.19	22.64	22.72	22.56	22.40	320.00	Pass
EHT20	MCS0	4	6275	Full	18.96	19.16	19.20	19.23	22.16	22.40	22.56	22.16	320.00	Pass
EHT20	MCS0	4	6415	Full	18.79	19.22	19.12	19.13	22.16	23.04	23.36	23.04	320.00	Pass
EHT40	MCS0	4	6125	Full	38.40	38.51	38.36	38.64	43.36	45.12	45.12	44.96	320.00	Pass
EHT40	MCS0	4	6285	Full	38.50	38.55	38.53	38.44	45.28	44.80	45.28	45.44	320.00	Pass
EHT40	MCS0	4	6405	Full	38.24	38.77	38.58	38.36	45.92	45.44	45.12	44.80	320.00	Pass
EHT80	MCS0	4	6145	Full	77.30	77.39	77.84	78.24	91.20	87.68	87.68	87.68	320.00	Pass
EHT80	MCS0	4	6305	Full	77.56	77.88	77.77	78.26	91.52	88.64	90.88	90.56	320.00	Pass
EHT80	MCS0	4	6385	Full	77.15	77.68	77.77	77.94	88.96	87.04	89.92	89.60	320.00	Pass
EHT160	MCS0	4	6185	Full	157.64	157.36	157.58	157.94	172.31	175.68	173.28	173.76	320.00	Pass
EHT160	MCS0	4	6345	Full	157.50	157.76	157.82	157.86	175.68	173.28	172.80	172.80	320.00	Pass
EHT320	MCS0	4	6265	Full	315.62	315.63	314.36	316.35	345.75	342.91	334.13	337.05	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6115	Full	5.62	5.73	5.61	5.46	11.63	4.90	16.53	30.00	Pass
EHT20	MCS0	4	6275	Full	5.12	5.46	4.95	5.08	11.18	4.90	16.08	30.00	Pass
EHT20	MCS0	4	6415	Full	4.42	4.48	4.86	4.69	10.64	4.90	15.54	30.00	Pass
EHT40	MCS0	4	6125	Full	7.20	7.64	7.42	7.74	13.53	4.90	18.43	30.00	Pass
EHT40	MCS0	4	6285	Full	8.08	8.54	7.66	8.22	14.16	4.90	19.06	30.00	Pass
EHT40	MCS0	4	6405	Full	7.11	7.01	7.38	7.52	13.28	4.90	18.18	30.00	Pass
EHT80	MCS0	4	6145	Full	10.08	10.65	10.38	10.77	16.50	4.90	21.40	30.00	Pass
EHT80	MCS0	4	6305	Full	11.05	11.39	10.23	10.95	16.95	4.90	21.85	30.00	Pass
EHT80	MCS0	4	6385	Full	10.65	10.92	10.62	10.98	16.82	4.90	21.72	30.00	Pass
EHT160	MCS0	4	6185	Full	11.33	11.79	11.69	11.46	17.59	4.90	22.49	30.00	Pass
EHT160	MCS0	4	6345	Full	12.68	12.74	12.33	11.88	18.44	4.90	23.34	30.00	Pass
EHT320	MCS0	4	6265	Full	13.92	14.32	13.28	13.57	19.81	4.90	24.71	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	SUM					4TX
EHT20	MCS0	4	6115	Full						-0.24	4.90	4.66	5.00	Pass
EHT20	MCS0	4	6275	Full						-0.45	4.90	4.45	5.00	Pass
EHT20	MCS0	4	6415	Full						-0.87	4.90	4.03	5.00	Pass
EHT40	MCS0	4	6125	Full						-0.43	4.90	4.47	5.00	Pass
EHT40	MCS0	4	6285	Full						0.02	4.90	4.92	5.00	Pass
EHT40	MCS0	4	6405	Full						-0.70	4.90	4.20	5.00	Pass
EHT80	MCS0	4	6145	Full						-0.39	4.90	4.51	5.00	Pass
EHT80	MCS0	4	6305	Full						-0.09	4.90	4.81	5.00	Pass
EHT80	MCS0	4	6385	Full						-0.14	4.90	4.76	5.00	Pass
EHT160	MCS0	4	6185	Full						-0.59	4.90	4.31	5.00	Pass
EHT160	MCS0	4	6345	Full						-0.49	4.90	4.42	5.00	Pass
EHT320	MCS0	4	6265	Full						-0.64	4.90	4.26	5.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-6 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6435	Full	18.98	19.19	19.30	19.23	21.92	22.32	22.72	22.56	320.00	Pass
EHT20	MCS0	4	6475	Full	18.96	19.23	19.25	19.20	21.76	22.64	22.72	22.72	320.00	Pass
EHT20	MCS0	4	6515	Full	19.01	19.21	19.18	19.18	22.24	22.56	22.64	22.48	320.00	Pass
EHT40	MCS0	4	6445	Full	38.62	38.37	38.09	38.44	46.40	45.76	45.44	45.60	320.00	Pass
EHT40	MCS0	4	6485	Full	38.33	38.30	38.32	38.46	44.96	44.96	45.28	45.44	320.00	Pass
EHT80	MCS0	4	6465	Full	77.12	77.70	77.76	78.08	88.32	88.32	89.92	87.68	320.00	Pass

U-NII-6 straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT40	MCS0	4	6525	Full	38.61	38.38	38.74	38.36	44.32	45.60	45.28	44.80	320.00	Pass
EHT80	MCS0	4	6545	Full	77.19	77.49	77.71	78.05	88.32	88.64	86.08	89.60	320.00	Pass
EHT160	MCS0	4	6505	Full	156.88	157.61	157.65	157.70	167.52	173.76	172.32	173.76	320.00	Pass
EHT320	MCS0	4	6425	Full	316.11	317.36	315.76	314.21	340.80	342.72	338.88	343.68	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full	4.31	4.74	5.21	4.78	10.79	4.94	15.73	30.00	Pass
EHT20	MCS0	4	6475	Full	4.79	4.92	5.15	4.78	10.93	4.94	15.87	30.00	Pass
EHT20	MCS0	4	6515	Full	4.85	5.51	5.42	5.02	11.23	4.94	16.17	30.00	Pass
EHT40	MCS0	4	6445	Full	7.12	7.21	7.79	7.75	13.50	4.94	18.44	30.00	Pass
EHT40	MCS0	4	6485	Full	7.58	7.26	7.78	7.63	13.59	4.94	18.53	30.00	Pass
EHT80	MCS0	4	6465	Full	10.52	10.41	10.48	10.51	16.50	4.94	21.44	30.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full	7.66	7.99	7.26	7.79	13.70	4.94	18.64	30.00	Pass
EHT80	MCS0	4	6545	Full	10.85	11.23	10.98	10.94	17.02	4.94	21.96	30.00	Pass
EHT160	MCS0	4	6505	Full	12.25	12.13	11.93	11.73	18.04	4.94	22.98	30.00	Pass
EHT320	MCS0	4	6425	Full	14.15	14.26	14.43	14.73	20.42	4.94	25.36	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6435	Full					-0.54	4.94	4.40	5.00	Pass
EHT20	MCS0	4	6475	Full					-0.55	4.94	4.39	5.00	Pass
EHT20	MCS0	4	6515	Full					-0.31	4.94	4.63	5.00	Pass
EHT40	MCS0	4	6445	Full					-0.79	4.94	4.15	5.00	Pass
EHT40	MCS0	4	6485	Full					-0.63	4.94	4.31	5.00	Pass
EHT80	MCS0	4	6465	Full					-0.85	4.94	4.09	5.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT40	MCS0	4	6525	Full					-0.84	4.94	4.10	5.00	Pass
EHT80	MCS0	4	6545	Full					-0.69	4.94	4.25	5.00	Pass
EHT160	MCS0	4	6505	Full					-0.87	4.94	4.08	5.00	Pass
EHT320	MCS0	4	6425	Full					-0.20	4.94	4.74	5.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

U-NII-7 MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6535	Full	18.99	19.25	19.20	19.13	22.48	22.72	23.28	22.80	320.00	Pass
EHT20	MCS0	4	6695	Full	18.90	19.13	19.28	19.18	22.16	22.16	22.48	22.40	320.00	Pass
EHT20	MCS0	4	6855	Full	18.94	19.25	19.29	19.20	21.76	22.88	22.72	22.80	320.00	Pass
EHT40	MCS0	4	6565	Full	37.87	38.22	38.76	38.39	45.76	46.24	45.28	44.64	320.00	Pass
EHT40	MCS0	4	6685	Full	38.82	38.46	38.83	38.69	45.44	44.64	45.12	44.64	320.00	Pass
EHT40	MCS0	4	6845	Full	38.43	38.39	38.79	38.59	44.16	45.76	45.12	45.60	320.00	Pass
EHT80	MCS0	4	6625	Full	77.38	77.76	77.79	77.82	88.96	88.00	88.00	88.32	320.00	Pass
EHT80	MCS0	4	6705	Full	77.02	77.98	78.26	77.36	91.52	88.96	89.92	89.60	320.00	Pass
EHT80	MCS0	4	6785	Full	77.47	78.07	77.94	77.38	90.56	89.92	88.64	89.92	320.00	Pass
EHT160	MCS0	4	6665	Full	156.47	158.20	156.95	157.51	172.32	174.24	172.80	169.92	320.00	Pass
EHT320	MCS0	4	6585	Full	317.58	315.80	314.66	316.80	593.28	343.68	336.96	343.68	320.00	Pass

U-NII-7 straddle channel MIMO														
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6875	Full	18.94	19.27	19.27	19.12	22.32	22.80	22.64	22.00	320.00	Pass
EHT40	MCS0	4	6885	Full	38.04	38.69	38.85	38.53	43.68	46.56	45.92	44.64	320.00	Pass
EHT80	MCS0	4	6865	Full	77.38	78.02	77.65	77.40	89.92	89.28	88.00	88.96	320.00	Pass
EHT160	MCS0	4	6825	Full	157.10	157.87	157.80	157.60	171.86	172.32	175.68	171.84	320.00	Pass
EHT320	MCS0	4	6745	Full	314.39	316.64	317.60	315.01	639.36	345.60	340.80	342.72	320.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6535	Full	4.70	4.98	4.68	4.79	10.81	5.40	16.21	30.00	Pass
EHT20	MCS0	4	6695	Full	4.12	4.38	4.88	4.76	10.57	5.40	15.97	30.00	Pass
EHT20	MCS0	4	6855	Full	4.73	4.81	5.26	5.00	10.98	5.40	16.38	30.00	Pass
EHT40	MCS0	4	6565	Full	7.41	7.96	6.92	7.78	13.56	5.40	18.96	30.00	Pass
EHT40	MCS0	4	6685	Full	7.06	7.34	7.13	8.08	13.44	5.40	18.84	30.00	Pass
EHT40	MCS0	4	6845	Full	7.91	8.09	7.11	8.24	13.88	5.40	19.28	30.00	Pass
EHT80	MCS0	4	6625	Full	10.94	11.09	10.99	11.37	17.12	5.40	22.52	30.00	Pass
EHT80	MCS0	4	6705	Full	10.66	10.78	10.68	10.98	16.80	5.40	22.20	30.00	Pass
EHT80	MCS0	4	6785	Full	10.51	10.79	10.99	10.98	16.84	5.40	22.24	30.00	Pass
EHT160	MCS0	4	6665	Full	10.94	11.21	10.99	11.27	17.13	5.40	22.53	30.00	Pass
EHT320	MCS0	4	6585	Full	13.45	13.64	13.06	13.40	19.41	5.40	24.81	30.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6875	Full	5.19	4.72	4.82	4.94	10.94	5.40	16.34	30.00	Pass
EHT40	MCS0	4	6885	Full	7.09	7.49	7.61	7.57	13.47	5.40	18.87	30.00	Pass
EHT80	MCS0	4	6865	Full	10.93	11.22	10.56	11.43	17.07	5.40	22.47	30.00	Pass
EHT160	MCS0	4	6825	Full	12.02	12.33	12.16	12.37	18.24	5.40	23.64	30.00	Pass
EHT320	MCS0	4	6745	Full	14.40	14.50	14.27	14.35	20.40	5.40	25.80	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6535	Full					-0.89	5.40	4.51	5.00	Pass
EHT20	MCS0	4	6695	Full					-1.01	5.40	4.39	5.00	Pass
EHT20	MCS0	4	6855	Full					-0.72	5.40	4.68	5.00	Pass
EHT40	MCS0	4	6565	Full					-0.74	5.40	4.66	5.00	Pass
EHT40	MCS0	4	6685	Full					-1.11	5.40	4.29	5.00	Pass
EHT40	MCS0	4	6845	Full					-0.42	5.40	4.98	5.00	Pass
EHT80	MCS0	4	6625	Full					-1.32	5.40	4.08	5.00	Pass
EHT80	MCS0	4	6705	Full					-0.84	5.40	4.56	5.00	Pass
EHT80	MCS0	4	6785	Full					-0.87	5.40	4.54	5.00	Pass
EHT160	MCS0	4	6665	Full					-0.82	5.40	4.58	5.00	Pass
EHT320	MCS0	4	6585	Full					-1.38	5.40	4.02	5.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6875	Full					-0.60	5.40	4.80	5.00	Pass
EHT40	MCS0	4	6885	Full					-0.43	5.40	4.97	5.00	Pass
EHT80	MCS0	4	6865	Full					-0.53	5.40	4.87	5.00	Pass
EHT160	MCS0	4	6825	Full					-0.44	5.40	4.96	5.00	Pass
EHT320	MCS0	4	6745	Full					-0.53	5.40	4.87	5.00	Pass

**TEST RESULTS DATA**  
**26dB EBW and 99% OBW**

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
EHT20	MCS0	4	6895	Full	19.03	19.24	19.25	19.22	22.00	22.40	22.80	22.08	320.00	Pass
EHT20	MCS0	4	6995	Full	18.92	19.23	19.28	19.23	22.08	22.72	22.48	22.72	320.00	Pass
EHT20	MCS0	4	7095	Full	18.95	19.24	19.20	19.21	21.68	22.80	22.96	23.20	320.00	Pass
EHT20	MCS0	4	7115	Full	19.10	19.22	19.24	19.18	21.60	21.84	22.72	22.48	320.00	Pass
EHT40	MCS0	4	6925	Full	38.46	38.25	38.48	38.66	45.28	45.44	46.40	45.76	320.00	Pass
EHT40	MCS0	4	7005	Full	38.50	38.43	38.65	38.45	45.28	45.44	45.60	45.92	320.00	Pass
EHT40	MCS0	4	7085	Full	38.18	38.03	38.56	38.66	44.32	43.52	45.44	45.92	320.00	Pass
EHT80	MCS0	4	6945	Full	77.71	77.84	77.58	77.66	88.64	90.88	89.60	86.72	320.00	Pass
EHT80	MCS0	4	7025	Full	77.88	77.95	77.86	77.37	85.12	95.68	88.64	91.20	320.00	Pass
EHT160	MCS0	4	6985	Full	157.89	157.64	157.42	156.01	169.91	171.36	170.40	172.32	320.00	Pass
EHT320	MCS0	4	6905	Full	316.72	314.59	317.91	316.87	341.75	338.88	337.92	338.88	320.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Table**

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)					DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	SUM				
EHT20	MCS0	4	6895	Full	4.88	4.89	5.15	5.28	11.07	5.37	16.44	30.00	Pass
EHT20	MCS0	4	6995	Full	4.45	4.70	4.87	4.79	10.73	5.37	16.10	30.00	Pass
EHT20	MCS0	4	7095	Full	4.23	4.03	5.25	3.85	10.40	5.37	15.77	30.00	Pass
EHT20	MCS0	4	7115	Full	4.94	5.00	5.60	5.07	11.18	5.37	16.55	30.00	Pass
EHT40	MCS0	4	6925	Full	7.56	8.27	8.79	8.21	14.25	5.37	19.62	30.00	Pass
EHT40	MCS0	4	7005	Full	7.81	8.26	8.29	8.37	14.21	5.37	19.58	30.00	Pass
EHT40	MCS0	4	7085	Full	7.16	7.32	7.67	7.75	13.50	5.37	18.87	30.00	Pass
EHT80	MCS0	4	6945	Full	11.11	10.99	10.21	11.39	16.97	5.37	22.34	30.00	Pass
EHT80	MCS0	4	7025	Full	10.24	10.66	10.78	11.23	16.76	5.37	22.13	30.00	Pass
EHT160	MCS0	4	6985	Full	11.88	12.28	11.77	10.94	17.95	5.37	23.32	30.00	Pass
EHT320	MCS0	4	6905	Full	14.22	14.62	14.34	13.45	20.43	5.37	25.80	30.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)					DG (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	
					Ant 5	Ant 6	Ant 7	Ant 8	SUM					4TX
EHT20	MCS0	4	6895	Full						-0.81	5.37	4.56	5.00	Pass
EHT20	MCS0	4	6995	Full						-1.03	5.37	4.34	5.00	Pass
EHT20	MCS0	4	7095	Full						-1.29	5.37	4.08	5.00	Pass
EHT20	MCS0	4	7115	Full						-1.12	5.37	4.25	5.00	Pass
EHT40	MCS0	4	6925	Full						-0.82	5.37	4.55	5.00	Pass
EHT40	MCS0	4	7005	Full						-0.68	5.37	4.70	5.00	Pass
EHT40	MCS0	4	7085	Full						-1.36	5.37	4.01	5.00	Pass
EHT80	MCS0	4	6945	Full						-0.45	5.37	4.92	5.00	Pass
EHT80	MCS0	4	7025	Full						-0.81	5.37	4.56	5.00	Pass
EHT160	MCS0	4	6985	Full						-0.52	5.37	4.85	5.00	Pass
EHT320	MCS0	4	6905	Full						-0.59	5.37	4.78	5.00	Pass



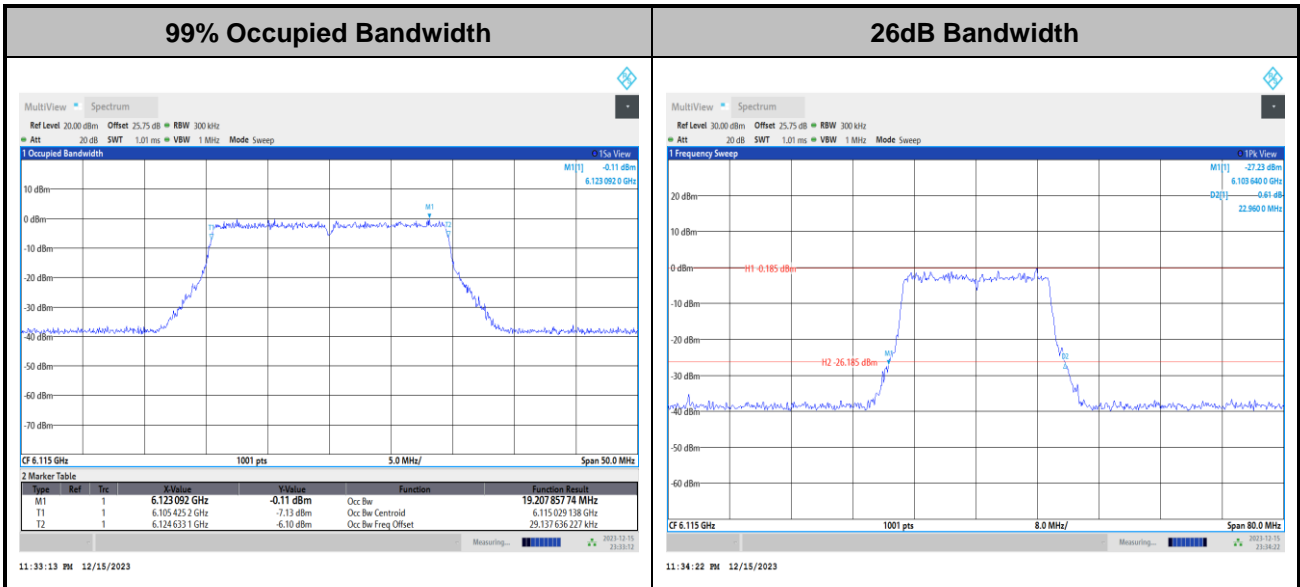
<CDD Mode>

N<sub>SS</sub>=1

Test Result of 26dB & 99% Occupied Bandwidth

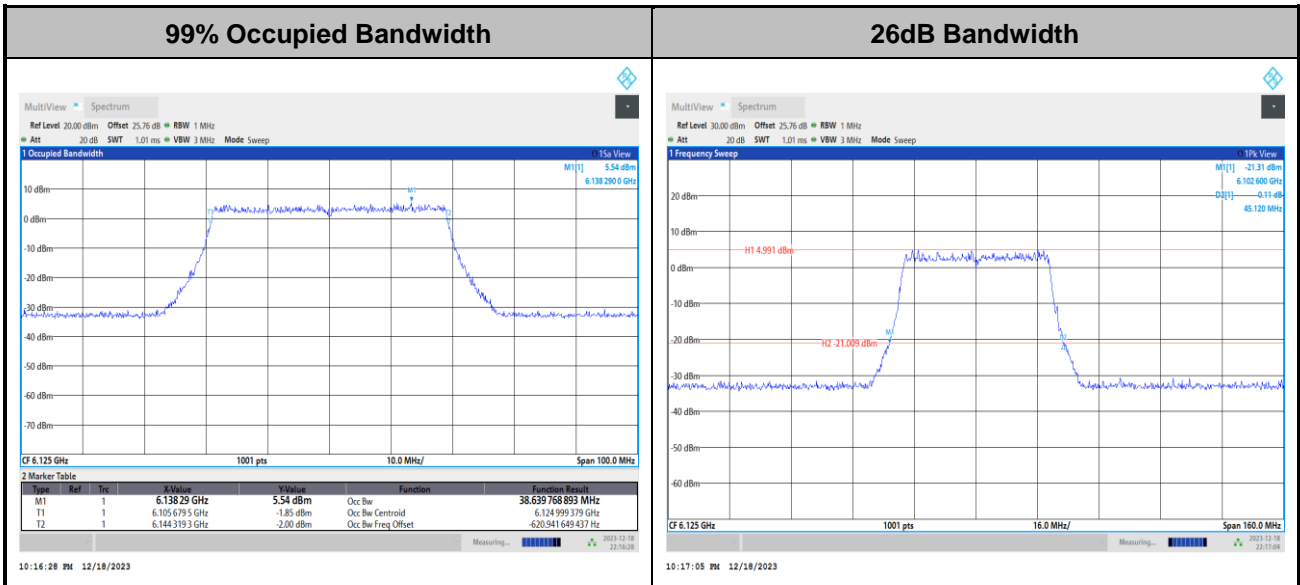
MIMO <Ant. 5+6+7+8>

<802.11be EHT20>



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

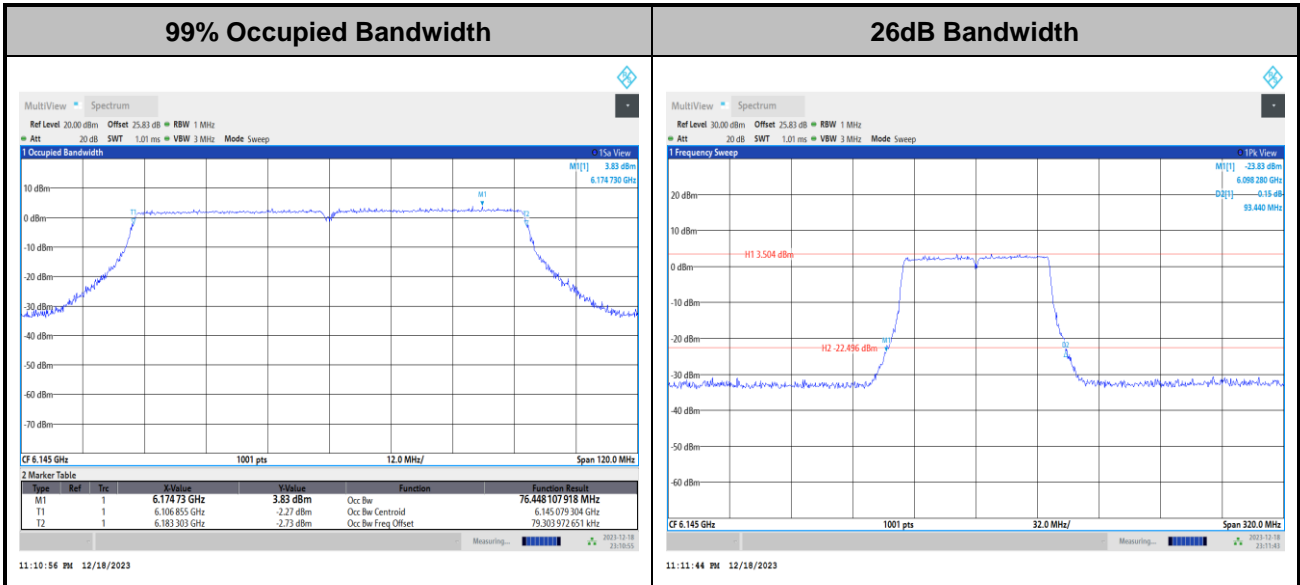
<802.11be EHT40>



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

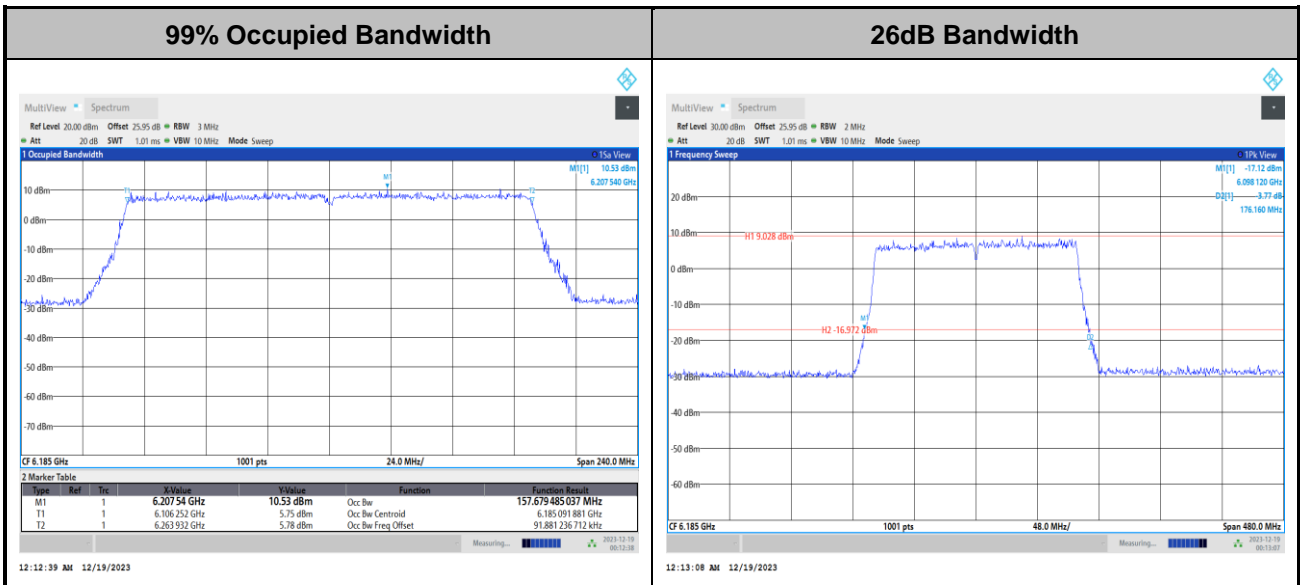


<802.11be EHT80>



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

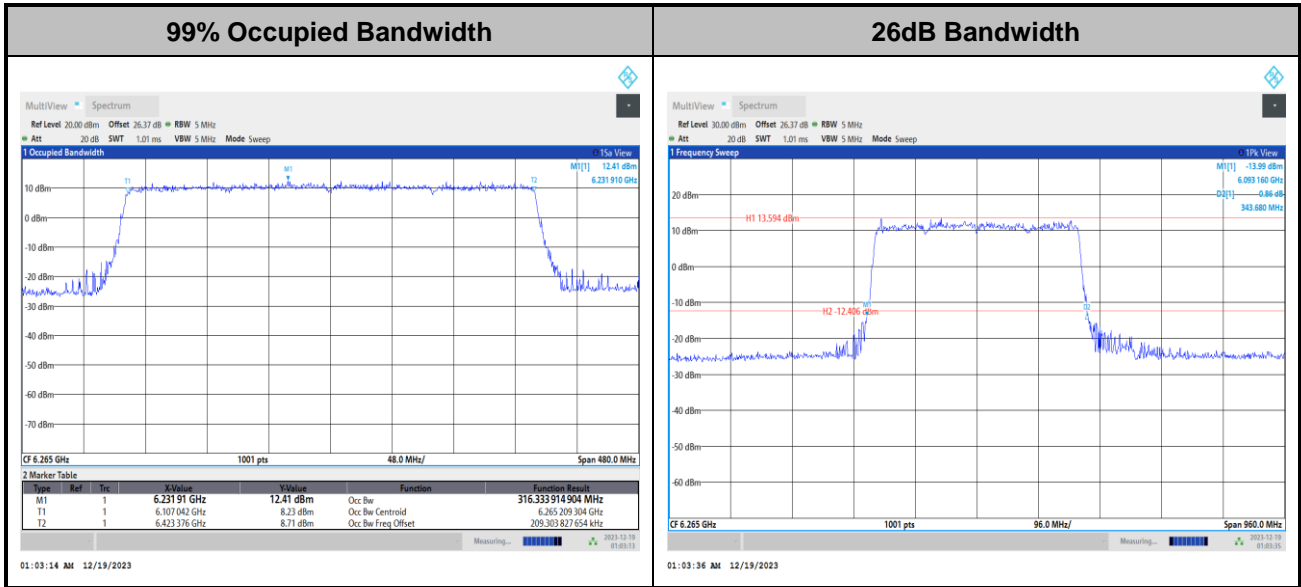
<802.11be EHT160>



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



<802.11be EHT320>



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

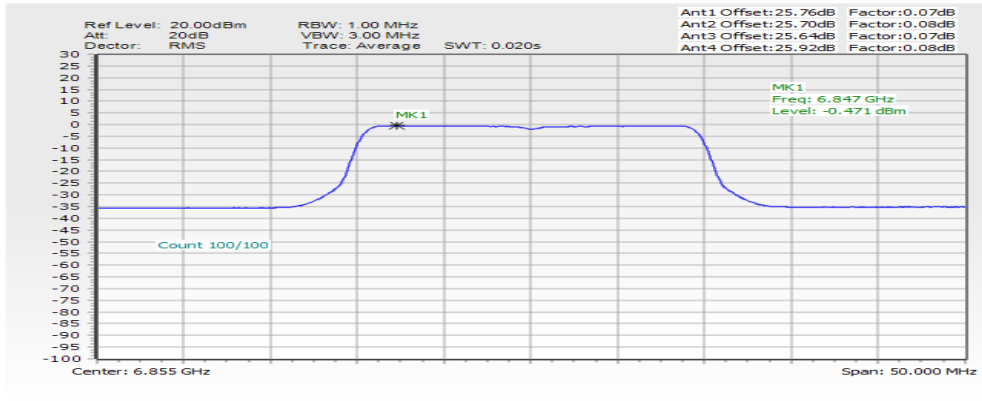




Test Result of Power Spectral Density

<802.11be EHT20>

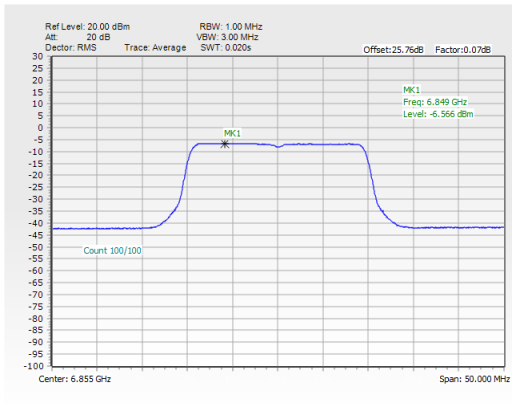
Maximum Power Density Plot (dBm/MHz)



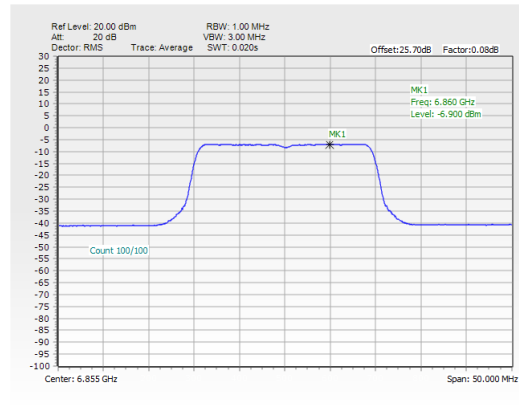
Note:

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 four traces.

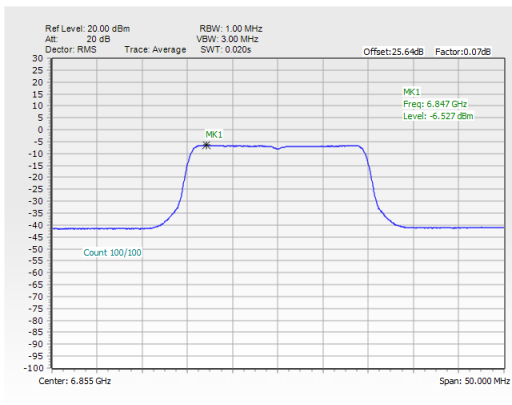
Power Density Plot Trace 1 (Ant 5)



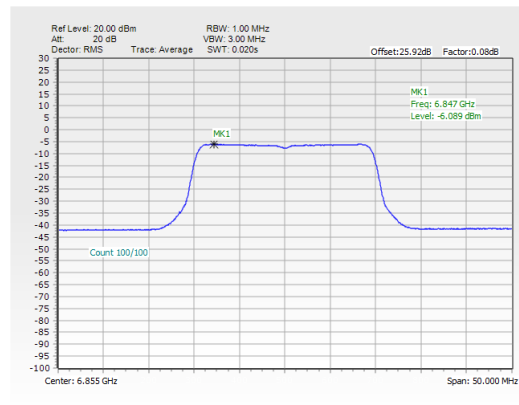
Power Density Plot Trace 2 (Ant 6)



Power Density Plot Trace 3 (Ant 7)



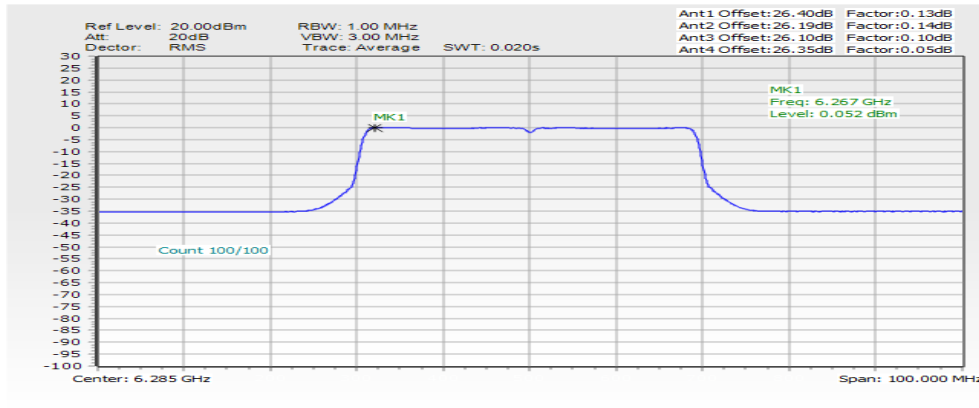
Power Density Plot Trace 4 (Ant 8)





<802.11be EHT40>

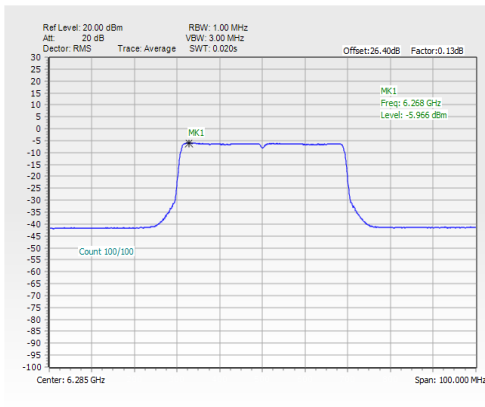
Maximum Power Density Plot (dBm/MHz)



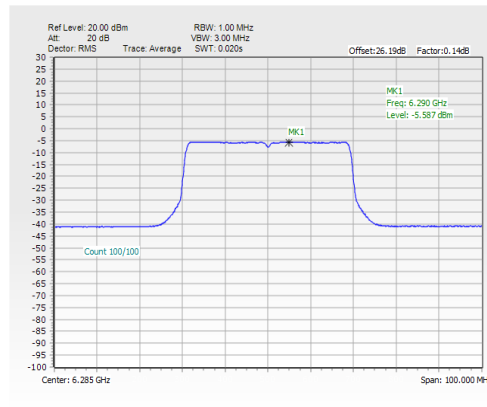
Note:

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 four traces.

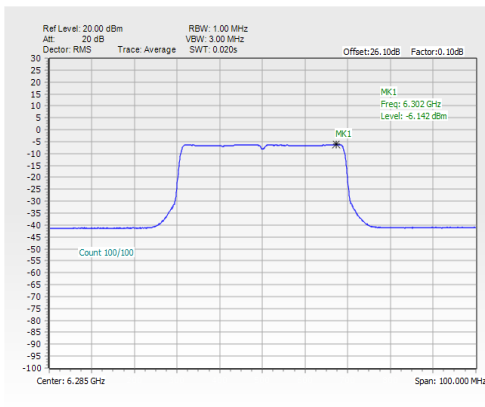
Power Density Plot Trace 1 (Ant 5)



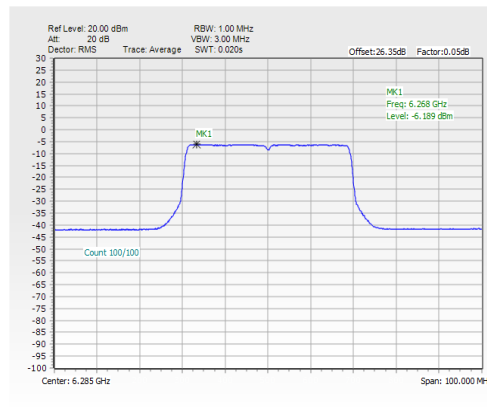
Power Density Plot Trace 2 (Ant 6)



Power Density Plot Trace 3 (Ant 7)



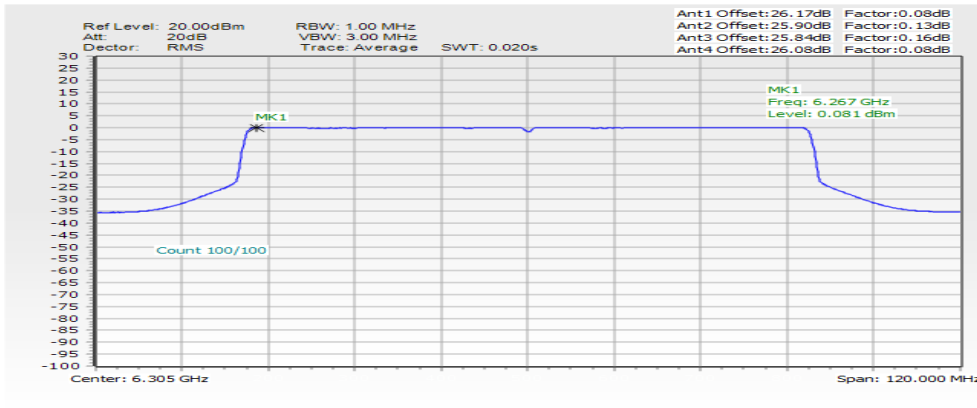
Power Density Plot Trace 4 (Ant 8)





<802.11be EHT80>

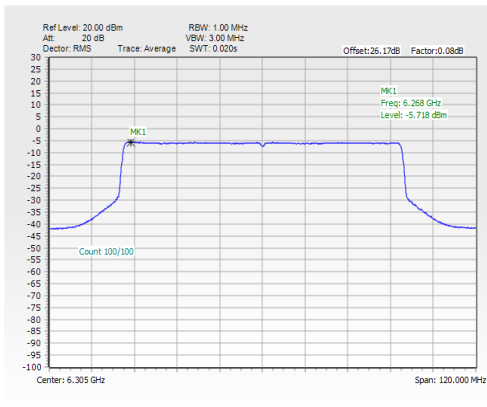
Maximum Power Density Plot (dBm/MHz)



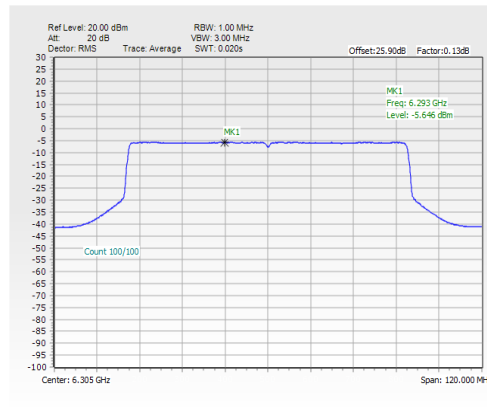
Note:

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 four traces.

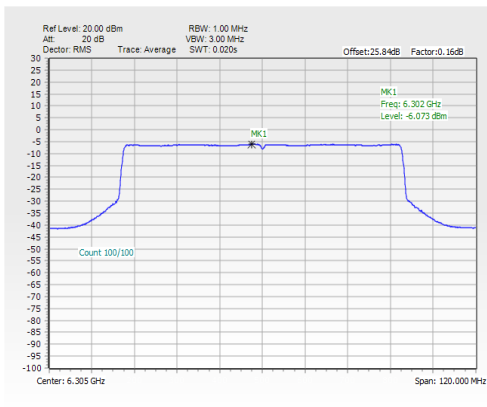
Power Density Plot Trace 1 (Ant 5)



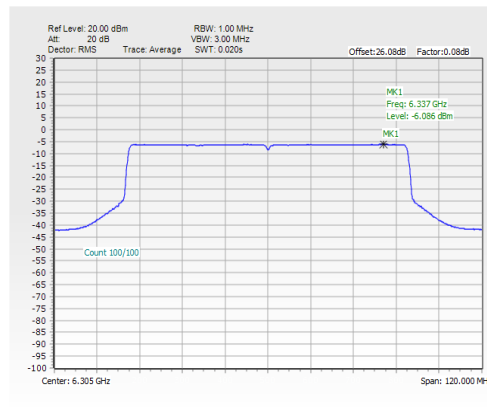
Power Density Plot Trace 2 (Ant 6)



Power Density Plot Trace 3 (Ant 7)



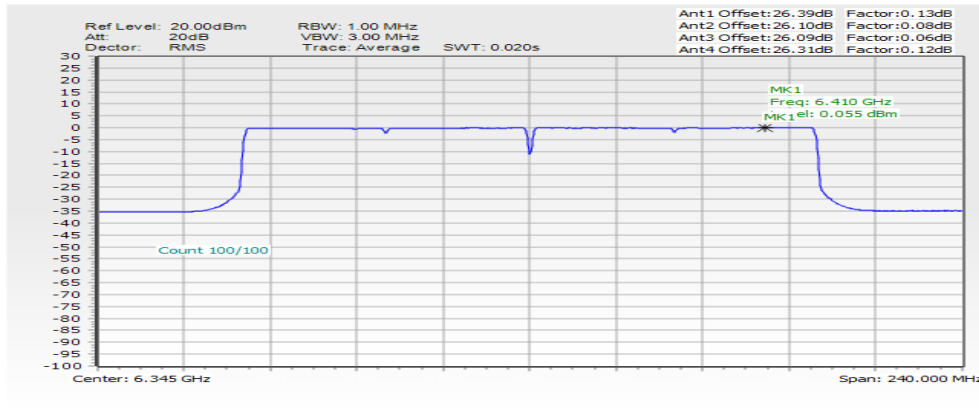
Power Density Plot Trace 4 (Ant 8)





<802.11be EHT160>

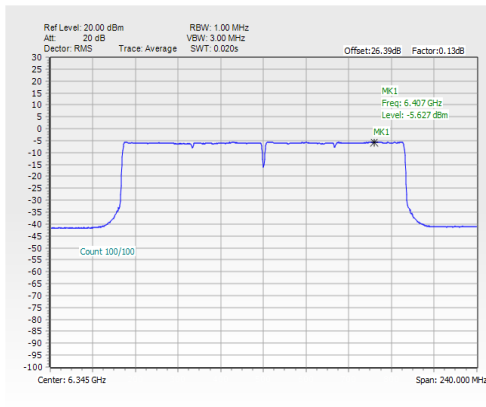
Maximum Power Density Plot (dBm/MHz)



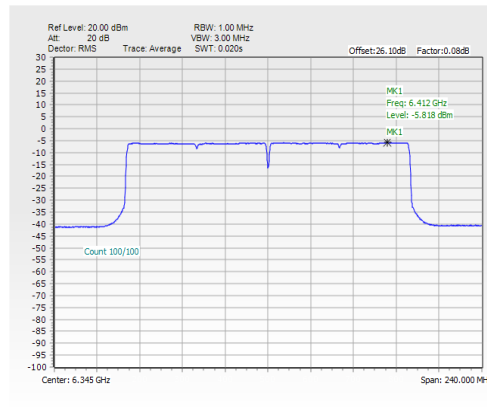
Note:

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 four traces.

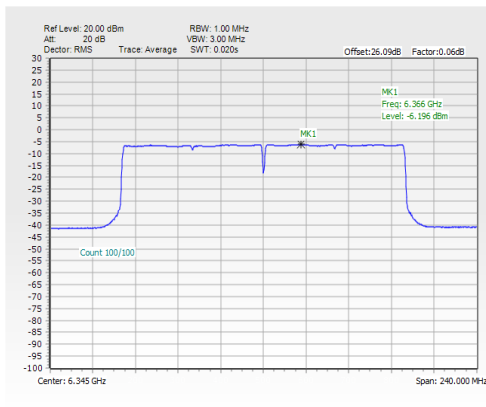
Power Density Plot Trace 1 (Ant 5)



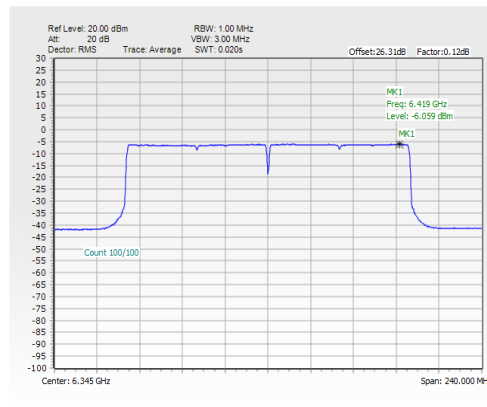
Power Density Plot Trace 2 (Ant 6)



Power Density Plot Trace 3 (Ant 7)



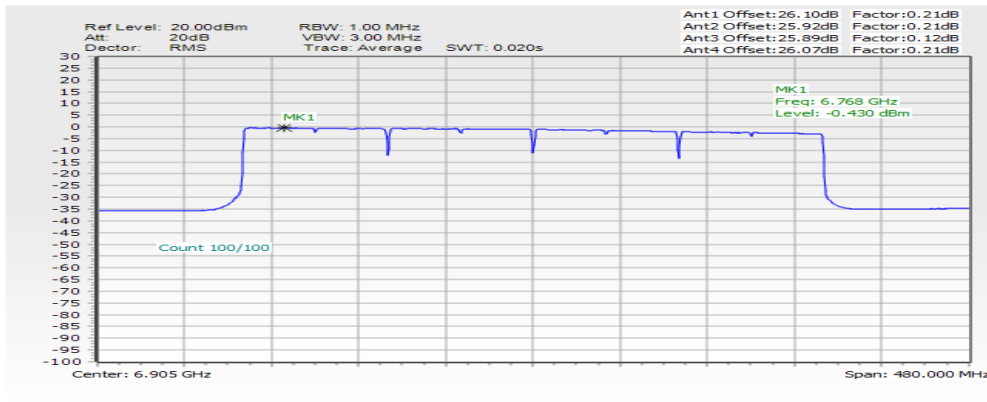
Power Density Plot Trace 4 (Ant 8)





<802.11be EHT320>

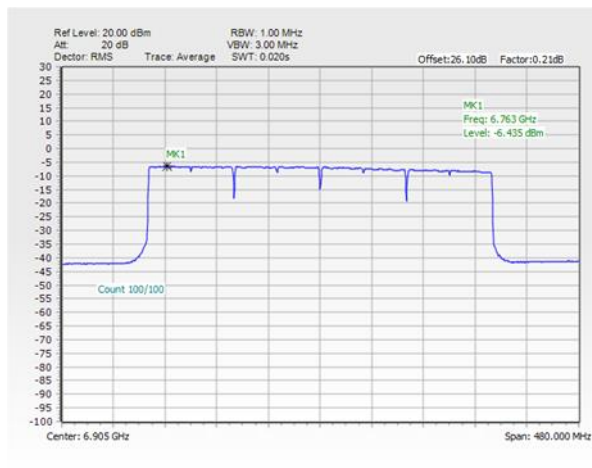
Maximum Power Density Plot (dBm/MHz)



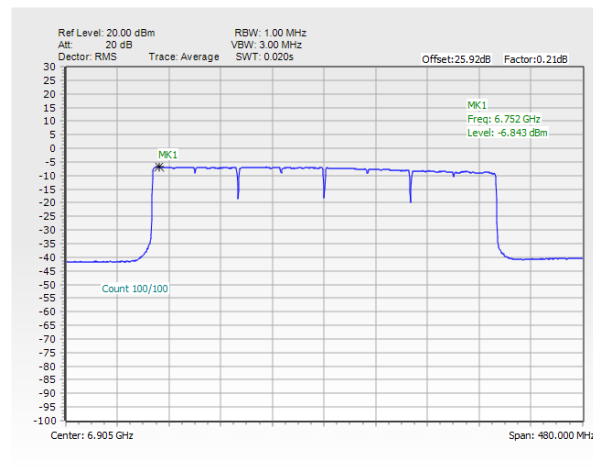
Note:

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 four traces.

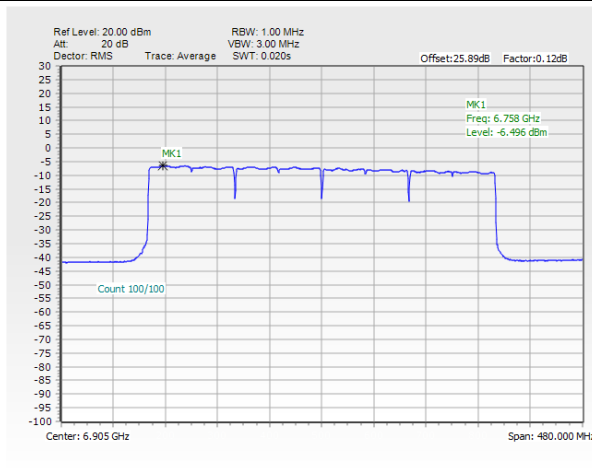
Power Density Plot Trace 1 (Ant 5)



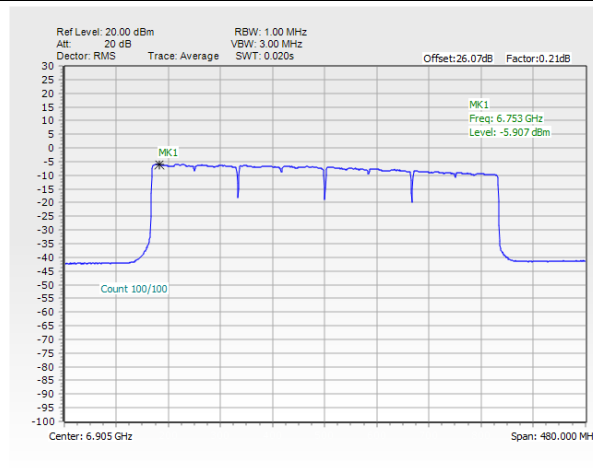
Power Density Plot Trace 2 (Ant 6)



Power Density Plot Trace 3 (Ant 7)



Power Density Plot Trace 4 (Ant 8)



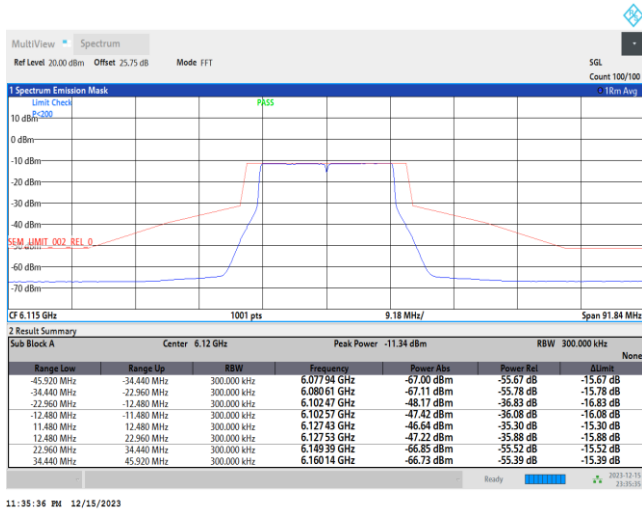


# In-Band Emissions (Channel Mask)

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

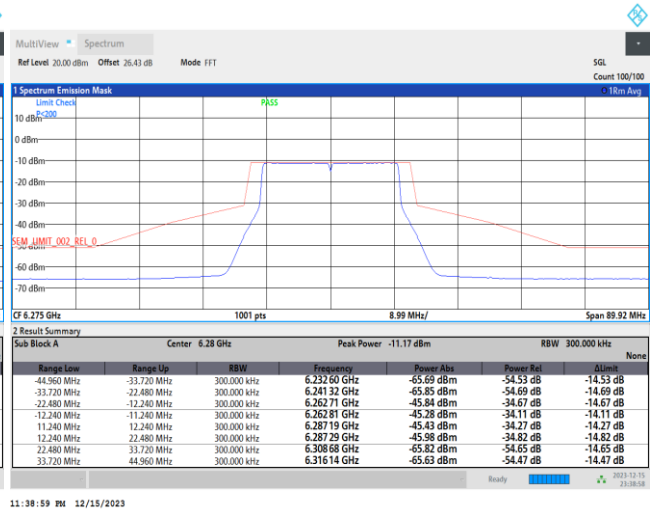
EUT Mode 802.11be EHT20 Full RU

Plot on Channel 6115 MHz



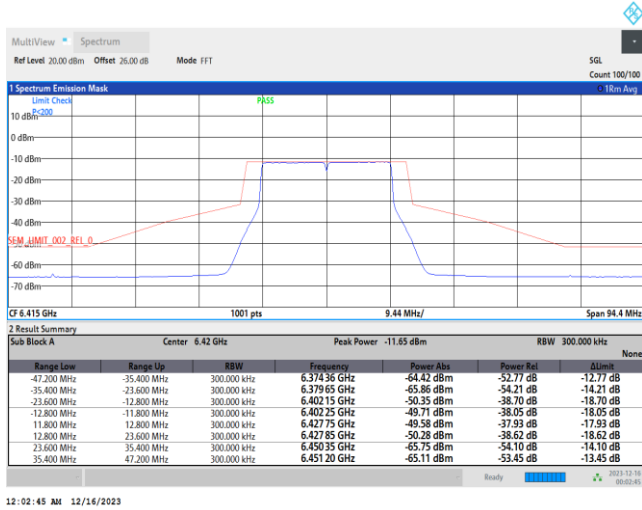
11:35:36 PM 12/15/2023

Plot on Channel 6275 MHz



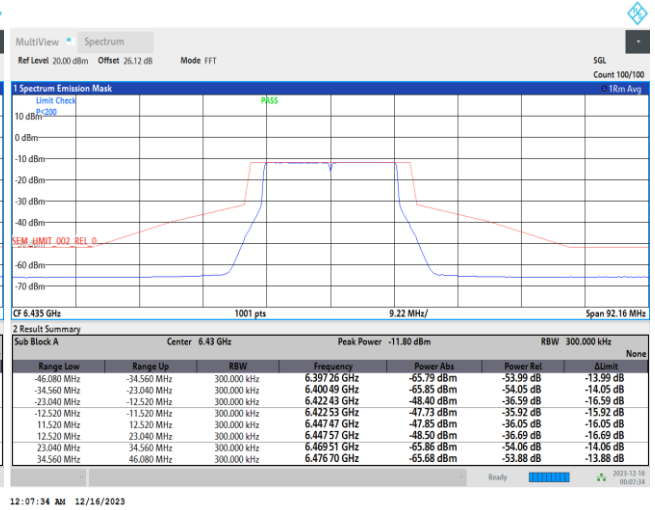
11:38:59 PM 12/15/2023

Plot on Channel 6415 MHz



12:02:45 AM 12/16/2023

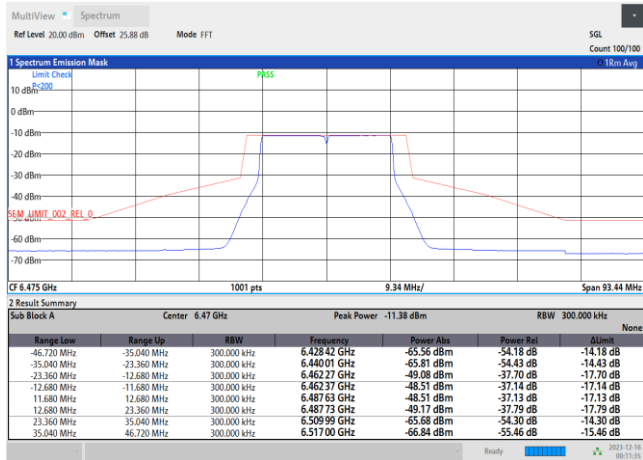
Plot on Channel 6435 MHz



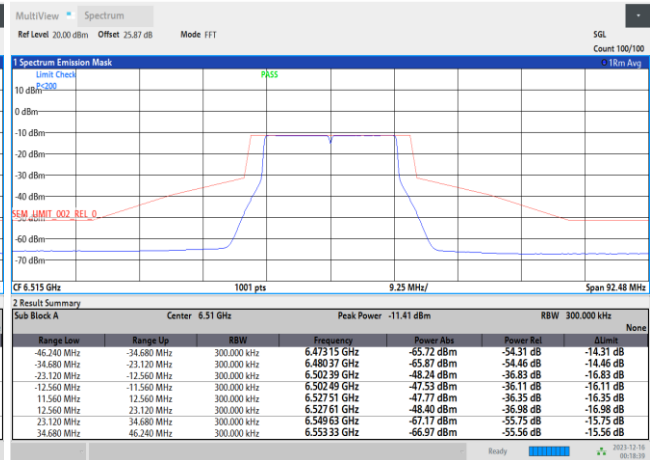
12:07:34 AM 12/16/2023



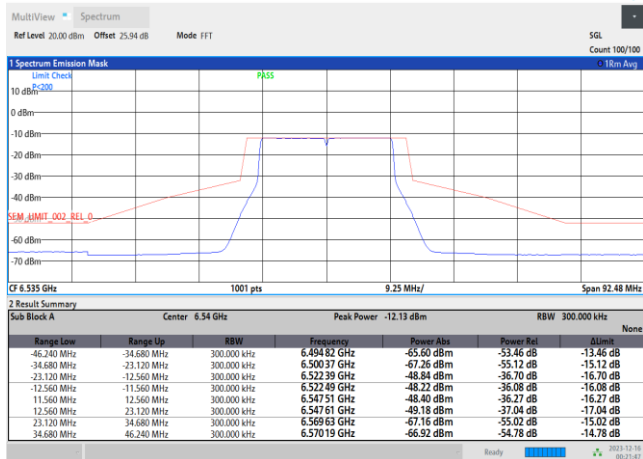
Plot on Channel 6475 MHz



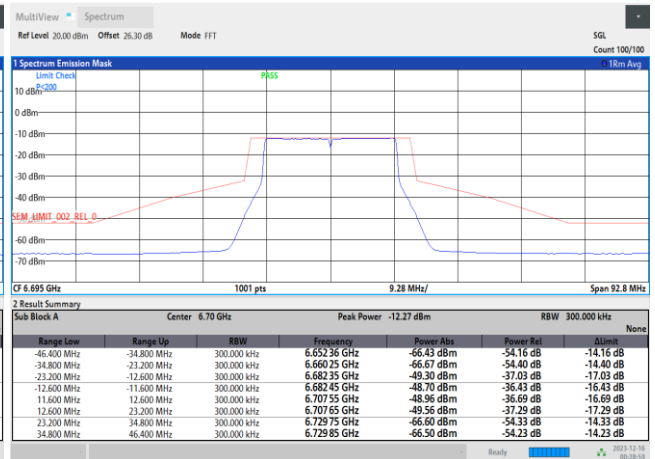
Plot on Channel 6515 MHz



Plot on Channel 6535 MHz

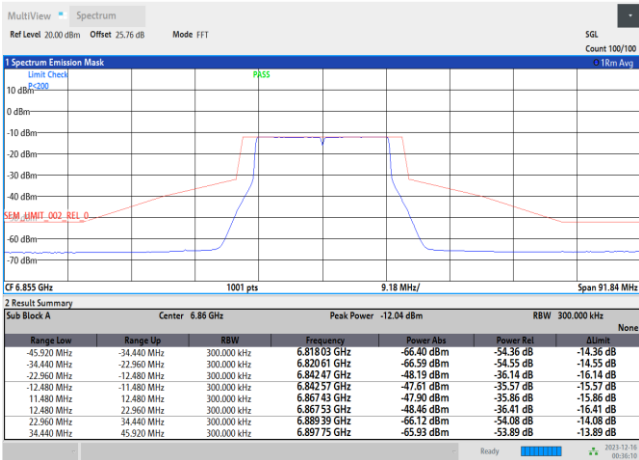


Plot on Channel 6695 MHz

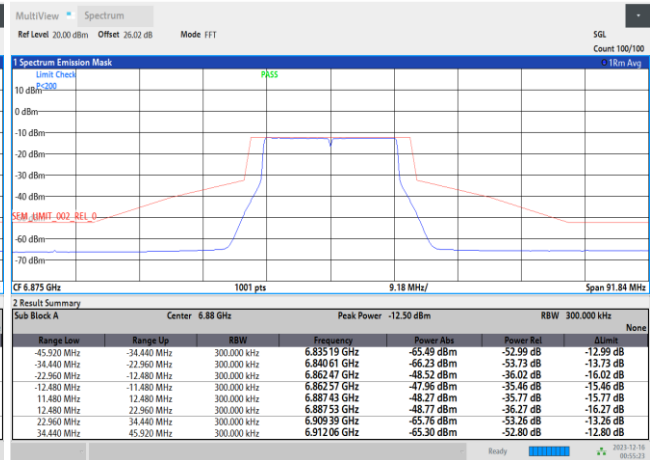




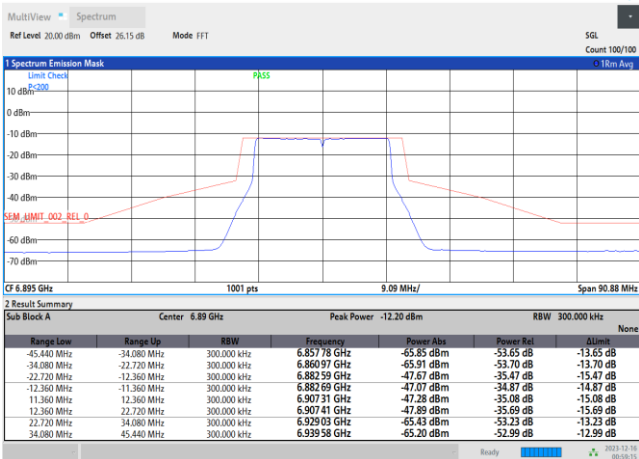
Plot on Channel 6855 MHz



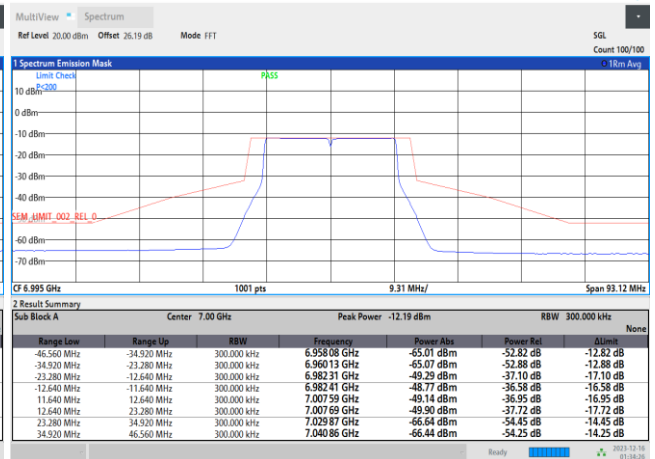
Plot on Channel 6875 MHz



Plot on Channel 6895 MHz



Plot on Channel 6995 MHz







Plot on Channel 7095 MHz

Plot on Channel 7115 MHz

