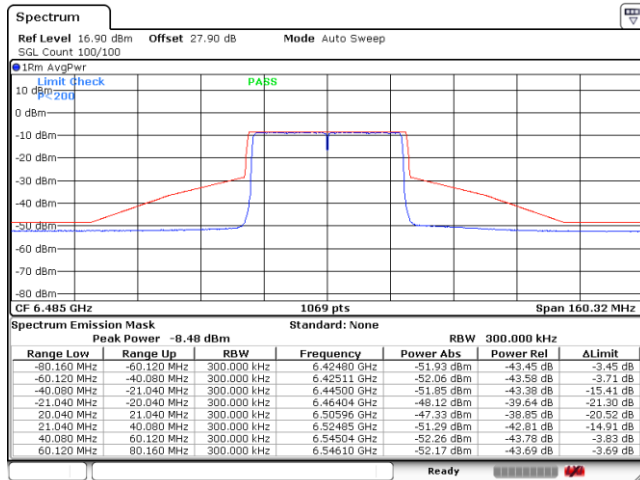


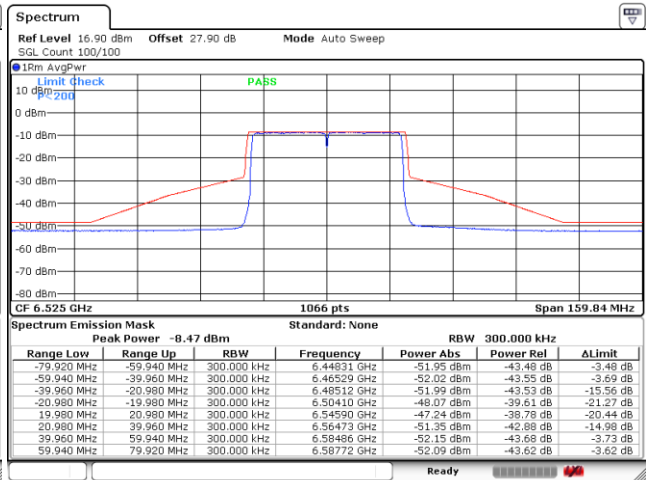


Plot on Channel 6485 MHz



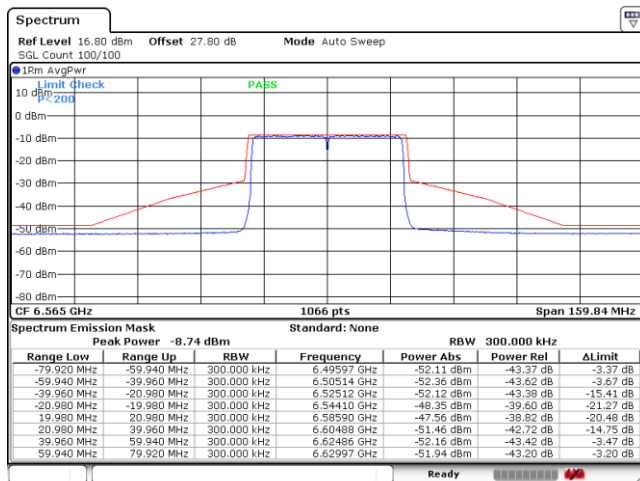
Date: 18.APR.2023 01:44:41

Plot on Channel 6525 MHz



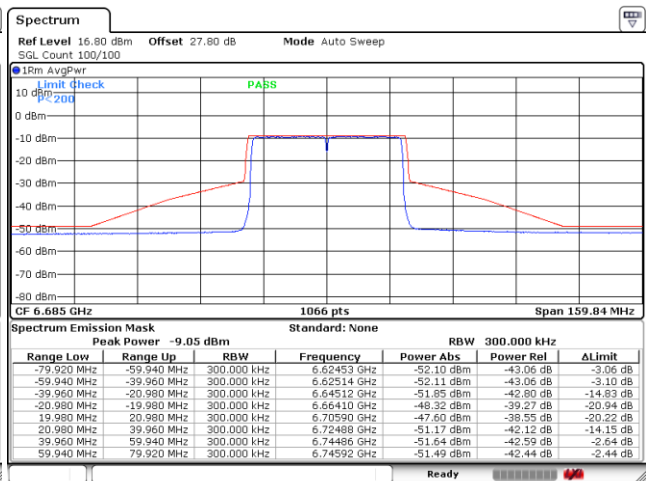
Date: 18.APR.2023 01:53:31

Plot on Channel 6565 MHz



Date: 18.APR.2023 02:11:27

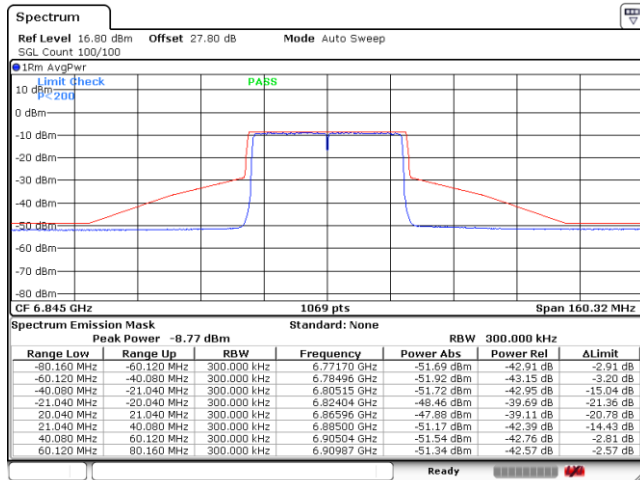
Plot on Channel 6685 MHz



Date: 18.APR.2023 02:14:35

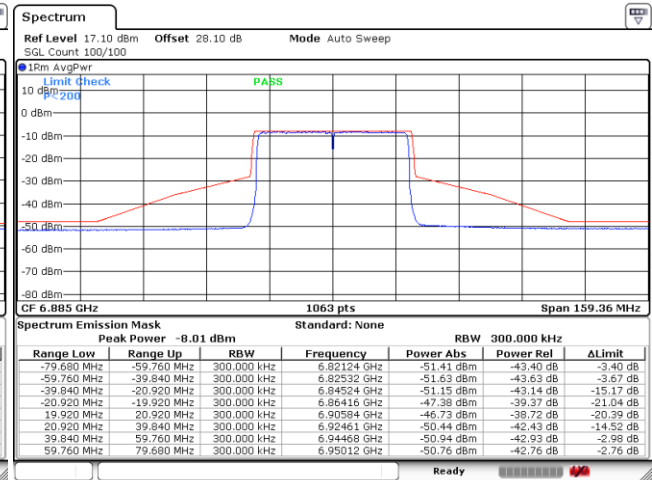


Plot on Channel 6845 MHz



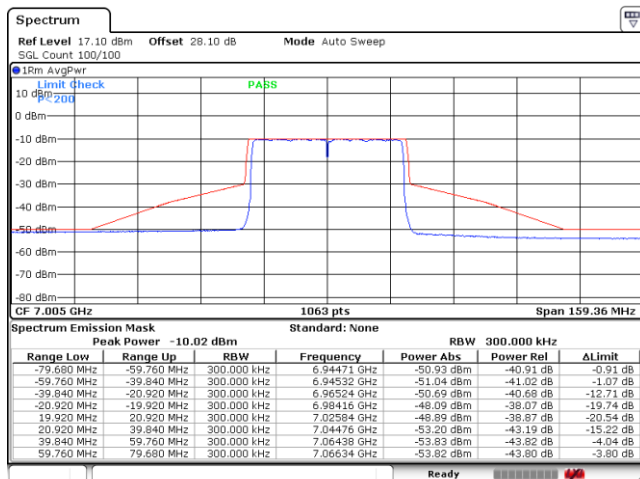
Date: 18.APR.2023 02:55:28

Plot on Channel 6885 MHz



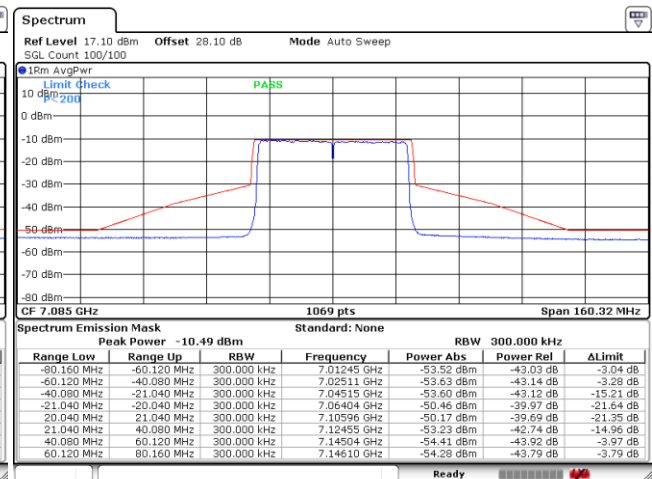
Date: 18.APR.2023 03:08:42

Plot on Channel 7005 MHz



Date: 18.APR.2023 03:36:54

Plot on Channel 7085 MHz

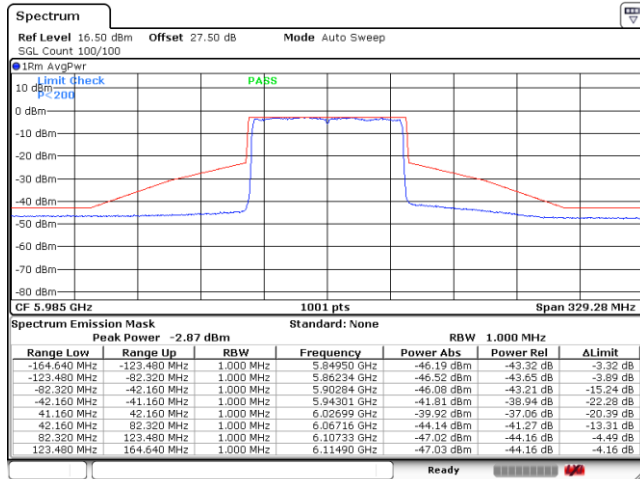


Date: 18.APR.2023 03:48:39



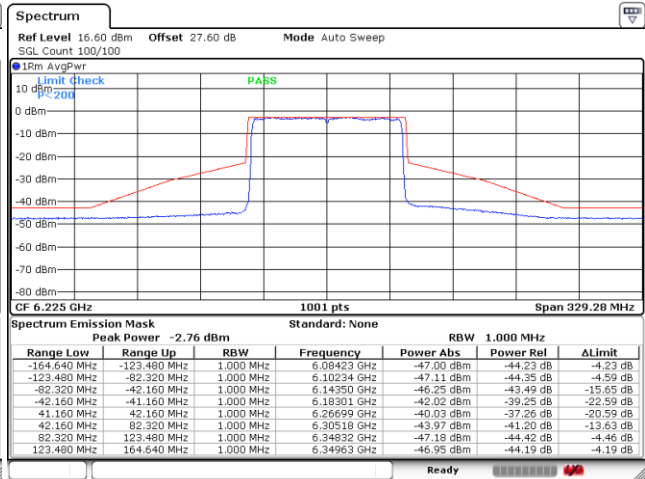
EUT Mode : 802.11be EHT80 Full RU

Plot on Channel 5985 MHz



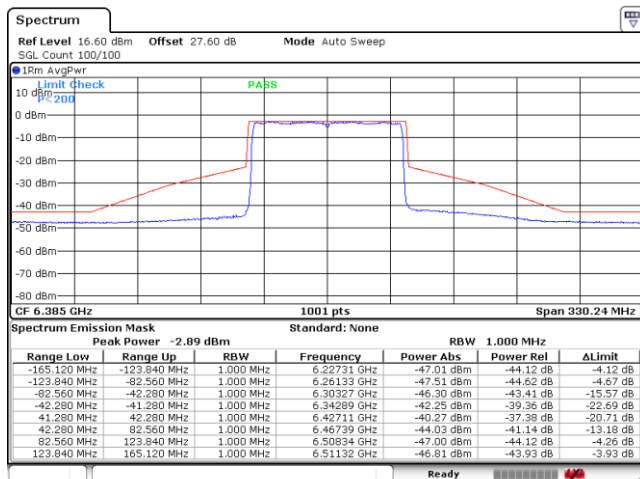
Date: 19.APR.2023 01:13:45

Plot on Channel 6225 MHz



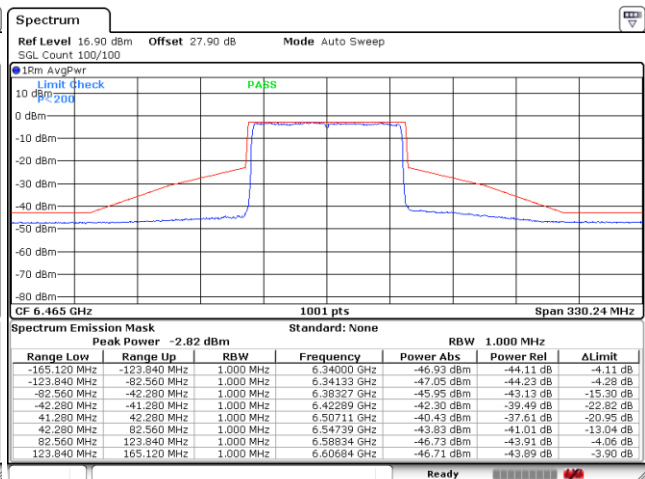
Date: 19.APR.2023 01:21:31

Plot on Channel 6385 MHz



Date: 19.APR.2023 01:29:37

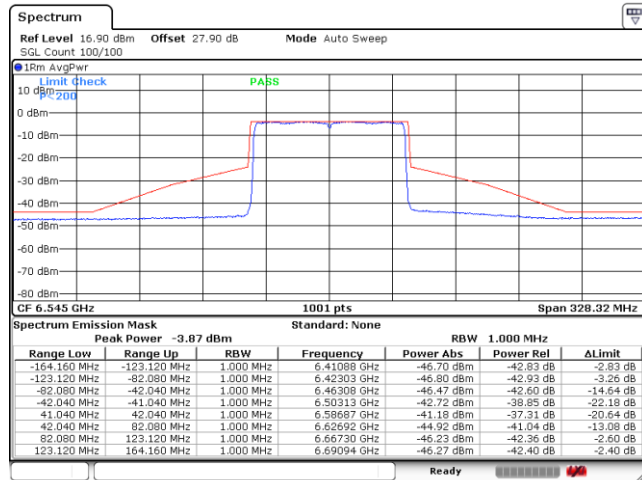
Plot on Channel 6465 MHz



Date: 19.APR.2023 01:37:56

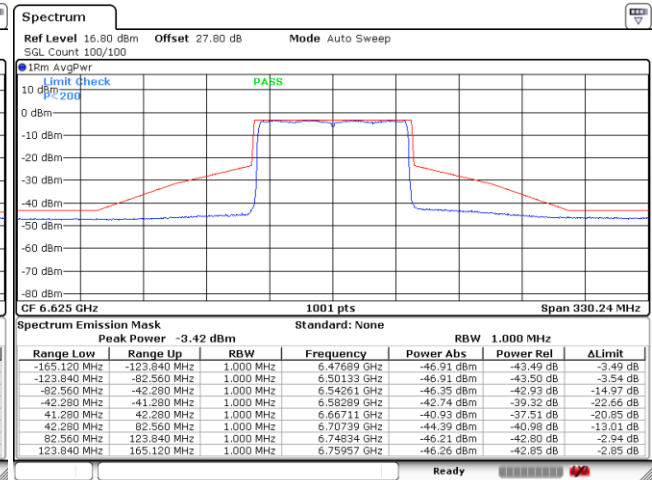


Plot on Channel 6545 MHz



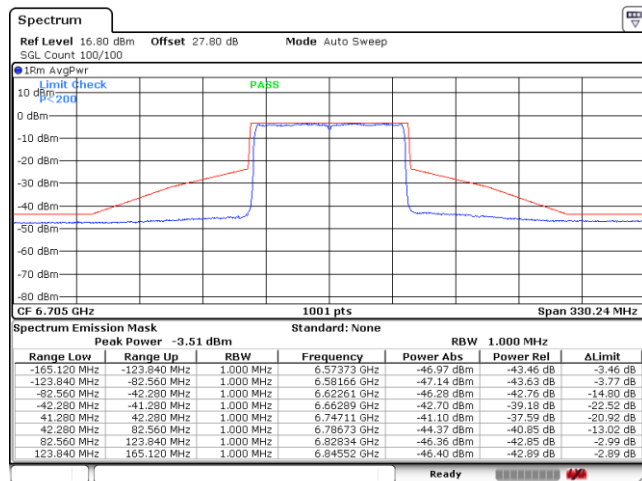
Date: 19.APR.2023 01:51:55

Plot on Channel 6625 MHz



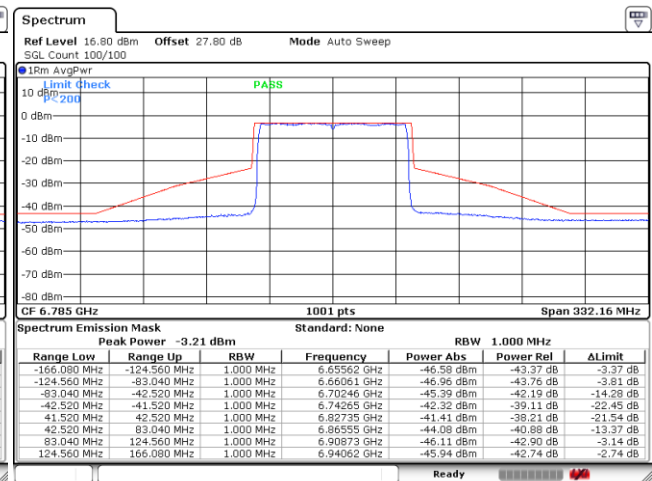
Date: 19.APR.2023 02:14:18

Plot on Channel 6705 MHz



Date: 19.APR.2023 02:29:07

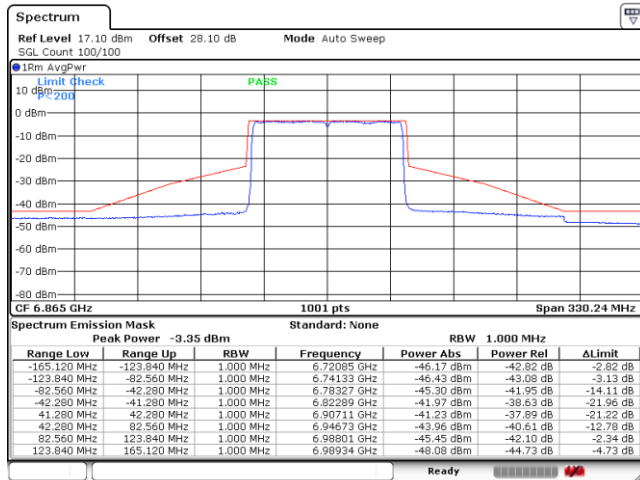
Plot on Channel 6785 MHz



Date: 19.APR.2023 02:45:55

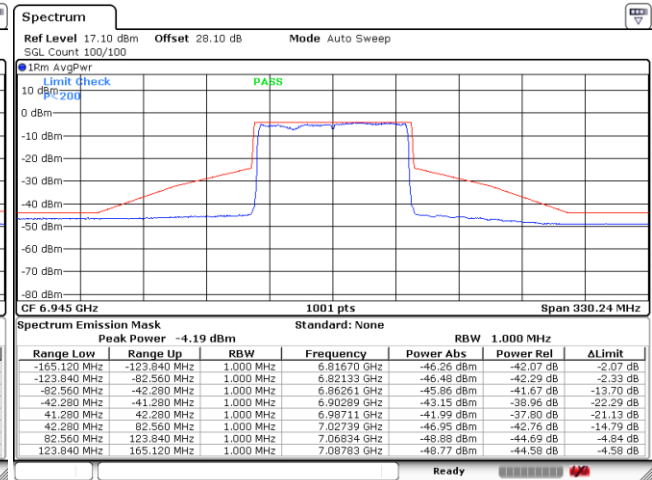


Plot on Channel 6865 MHz



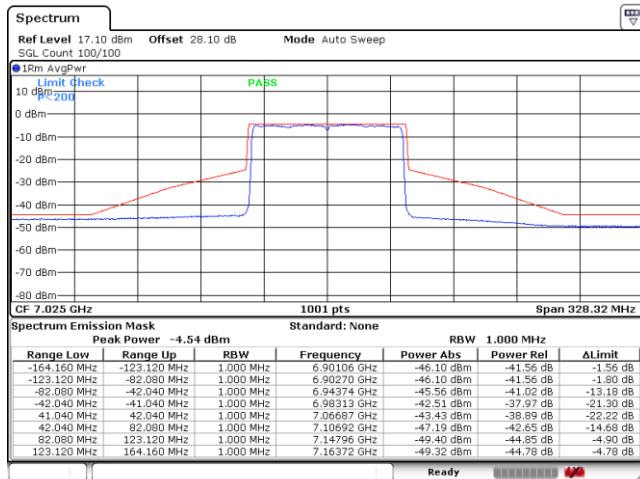
Date: 19.APR.2023 03:17:40

Plot on Channel 6945 MHz



Date: 19.APR.2023 03:32:54

Plot on Channel 7025 MHz



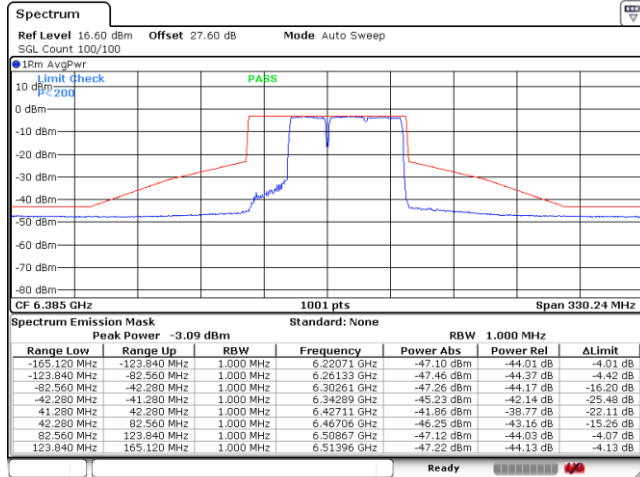
Date: 19.APR.2023 03:41:36



EUT Mode

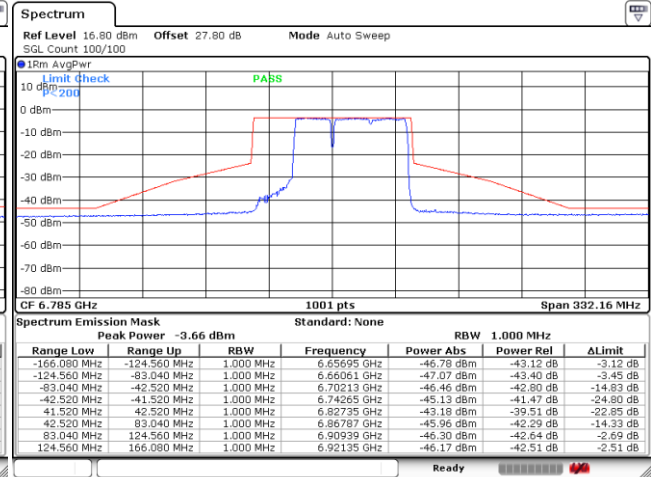
802.11be EHT80 Puncture 20RU1

Plot on Channel 6385 MHz



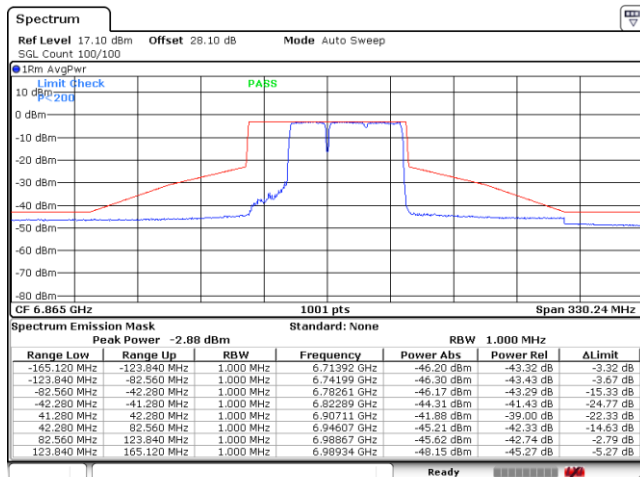
Date: 9 JUN 2023 20:48:57

Plot on Channel 6785 MHz



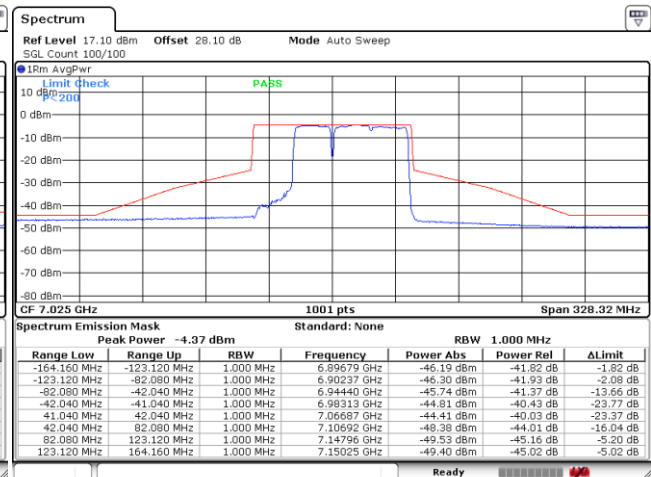
Date: 9 JUN 2023 21:43:32

Plot on Channel 6865 MHz



Date: 9 JUN 2023 21:57:04

Plot on Channel 7025 MHz



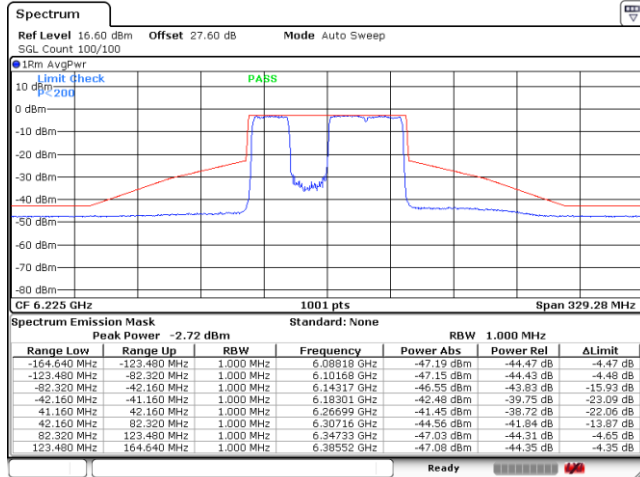
Date: 9 JUN 2023 22:13:35



EUT Mode

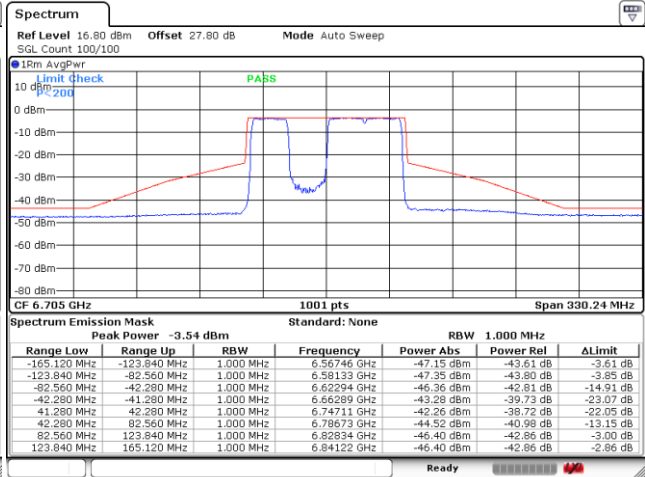
802.11be EHT80 Puncture 20RU2

Plot on Channel 6225 MHz



Date: 9 JUN 2023 20:40:25

Plot on Channel 6705 MHz

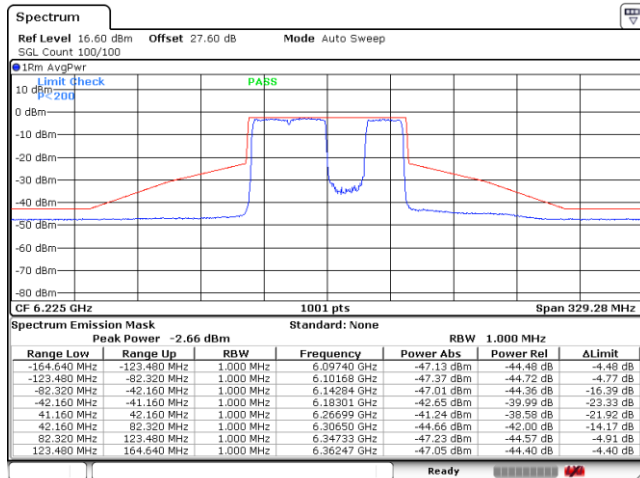


Date: 9 JUN 2023 21:35:15

EUT Mode

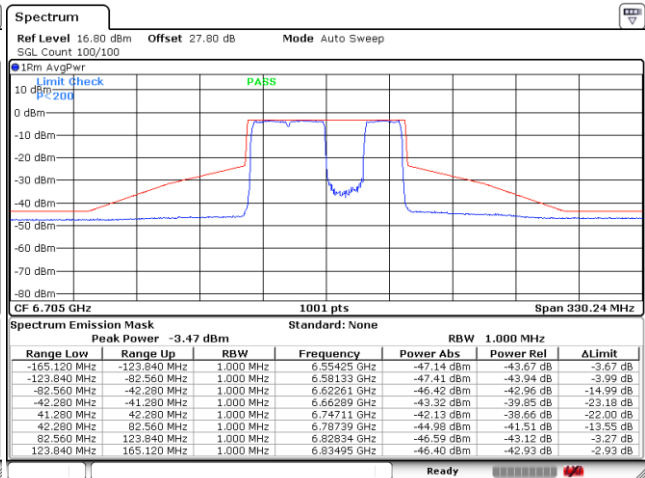
802.11be EHT80 Puncture 20RU4

Plot on Channel 6225 MHz



Date: 9 JUN 2023 20:34:24

Plot on Channel 6705 MHz



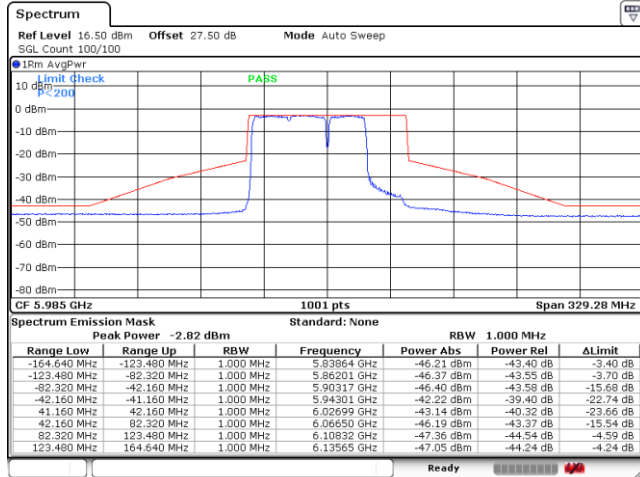
Date: 9 JUN 2023 21:30:43



EUT Mode

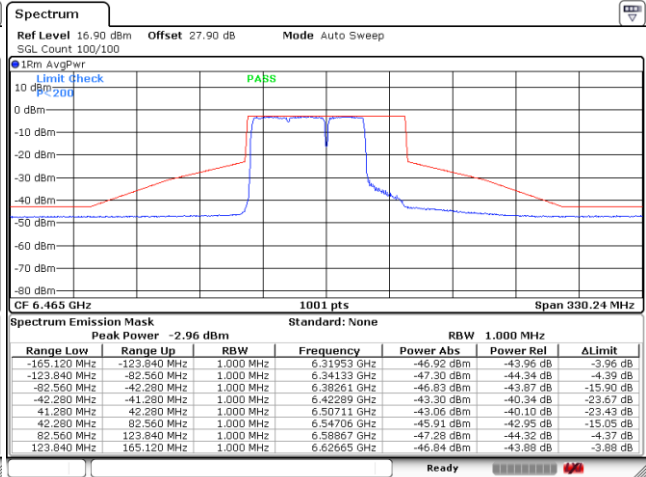
802.11be EHT80 Puncture 20RU8

Plot on Channel 5985 MHz



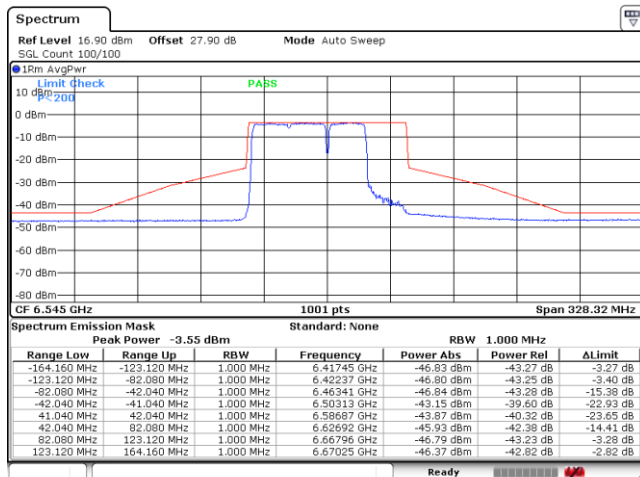
Date: 9 JUN. 2023 20:28:30

Plot on Channel 6465 MHz



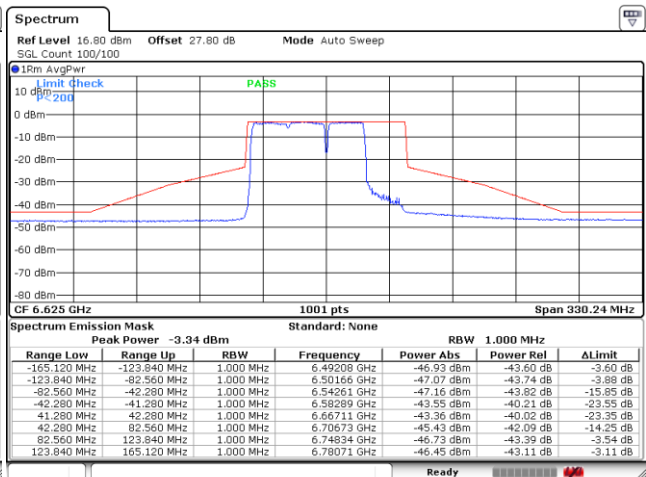
Date: 9 JUN. 2023 20:54:18

Plot on Channel 6545 MHz



Date: 9 JUN. 2023 21:04:03

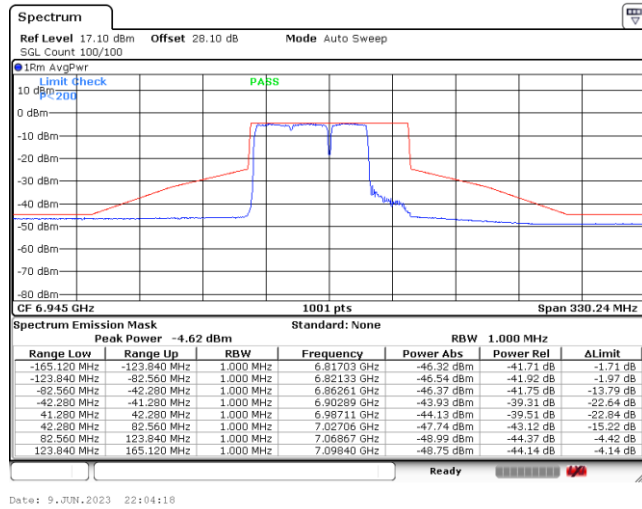
Plot on Channel 6625 MHz



Date: 9 JUN. 2023 21:13:50



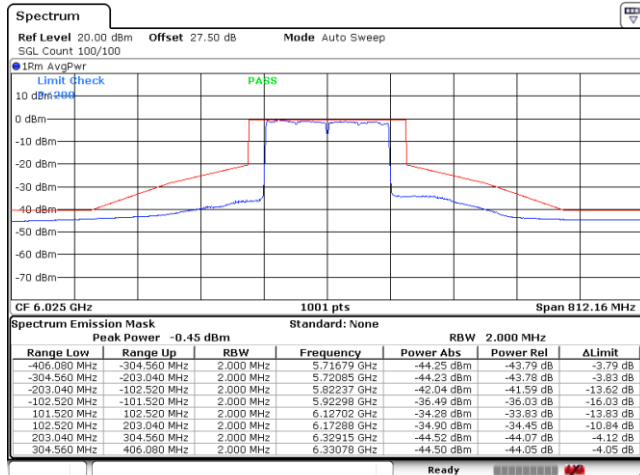
Plot on Channel 6945 MHz





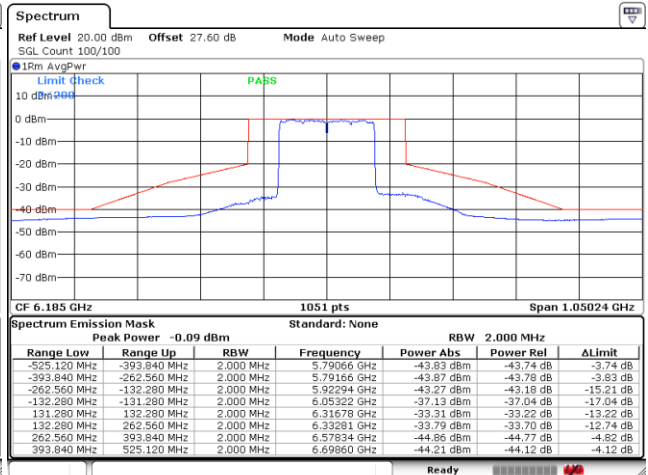
EUT Mode : 802.11be EHT160

Plot on Channel 6025 MHz



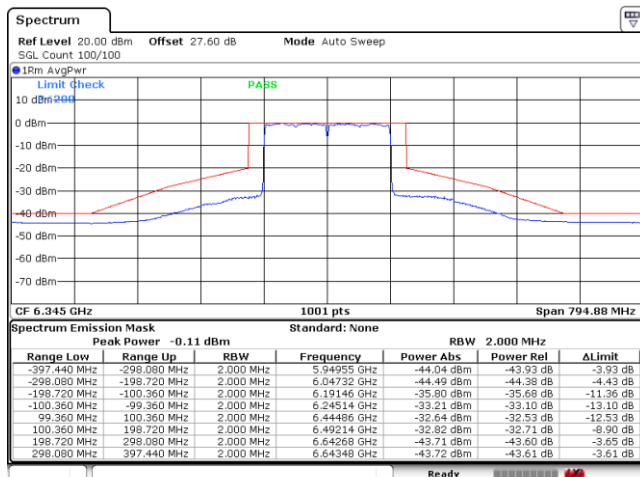
Date: 18.MAY.2023 00:16:45

Plot on Channel 6185 MHz



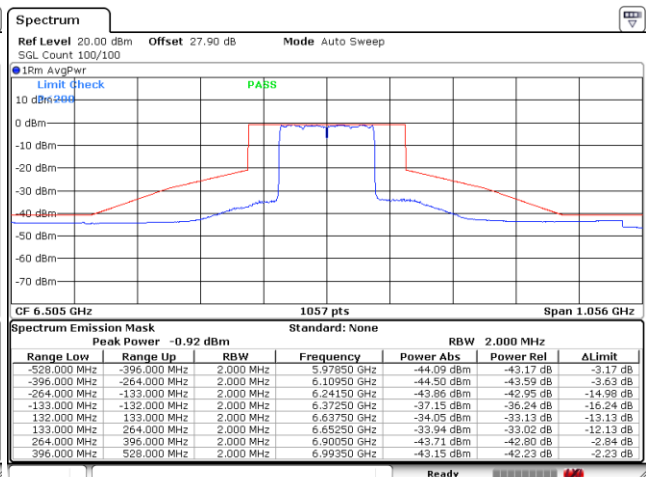
Date: 18.MAY.2023 00:20:14

Plot on Channel 6345 MHz



Date: 18.MAY.2023 00:22:51

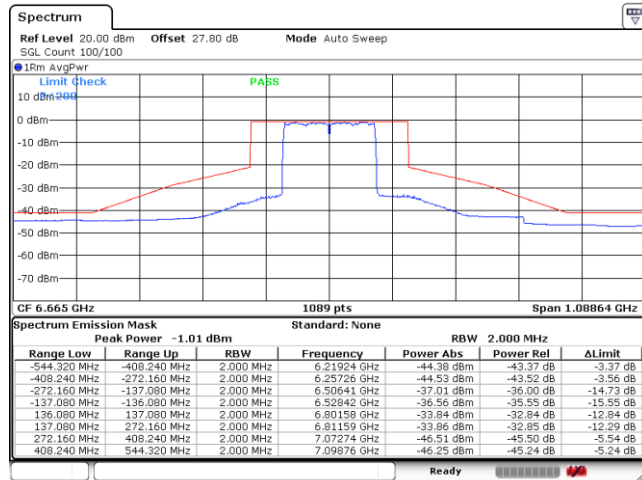
Plot on Channel 6505 MHz



Date: 18.MAY.2023 00:30:56

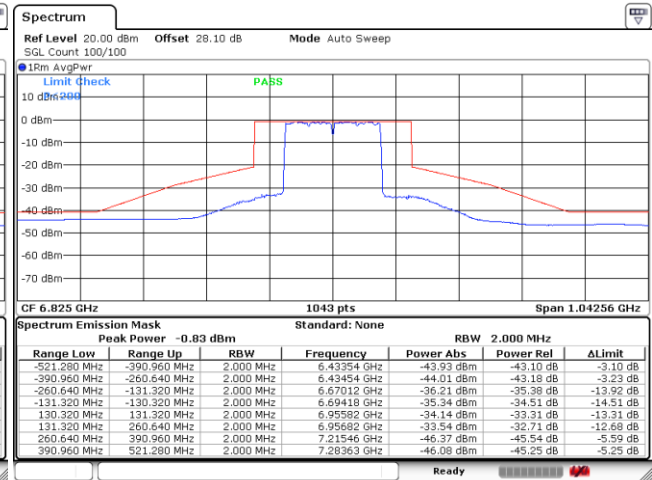


Plot on Channel 6665 MHz



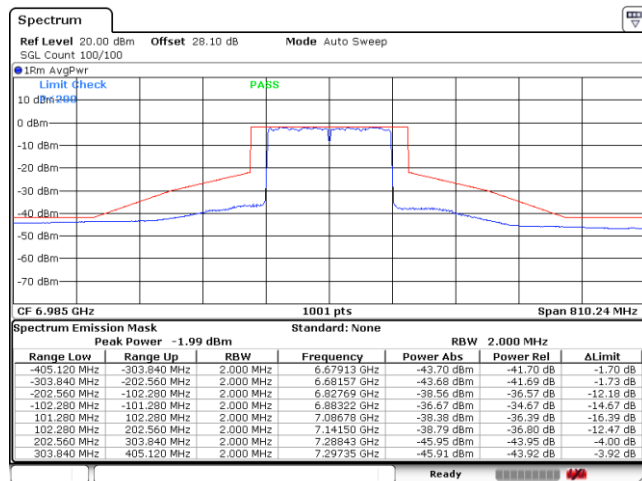
Date: 18.MAY.2023 00:33:47

Plot on Channel 6825 MHz



Date: 18.MAY.2023 00:37:25

Plot on Channel 6985 MHz



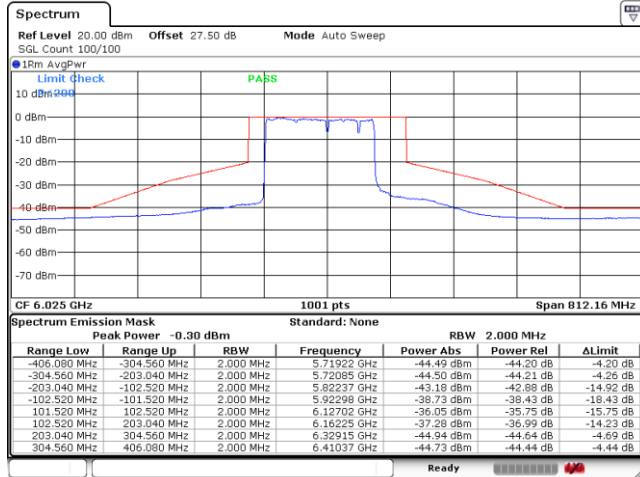
Date: 18.MAY.2023 00:40:19



EUT Mode

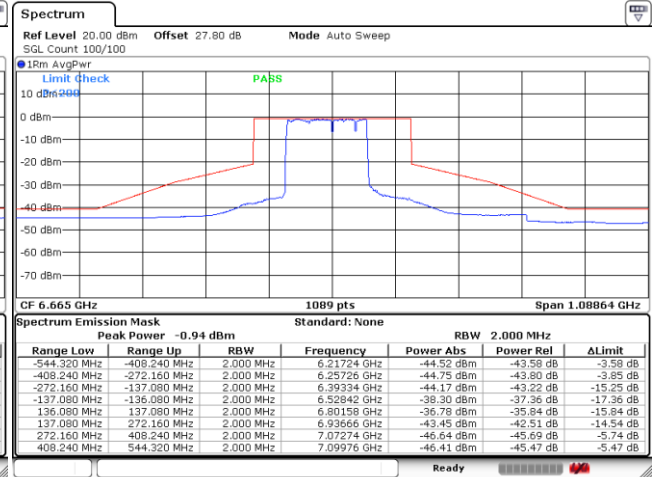
802.11be EHT160 Puncture 20RU128

Plot on Channel 6025 MHz



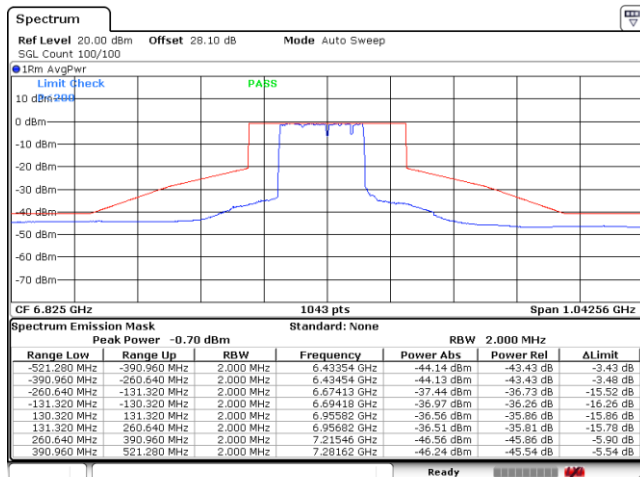
Date: 9 JUN 2023 22:54:22

Plot on Channel 6665 MHz



Date: 10 JUN 2023 00:25:57

Plot on Channel 6825 MHz



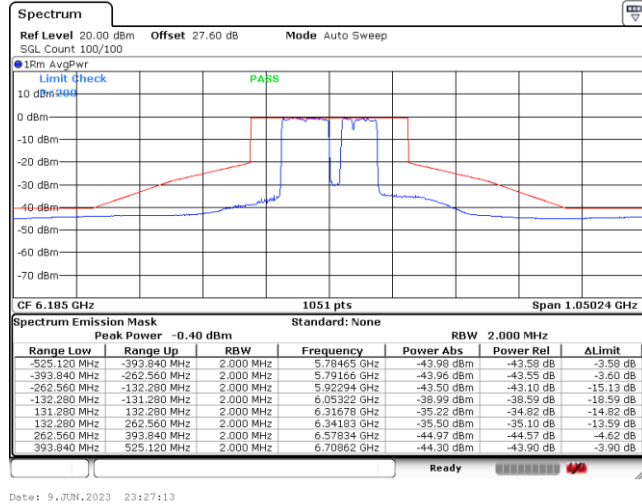
Date: 10 JUN 2023 01:10:04



EUT Mode

802.11be EHT160 Puncture 20RU16

Plot on Channel 6185 MHz

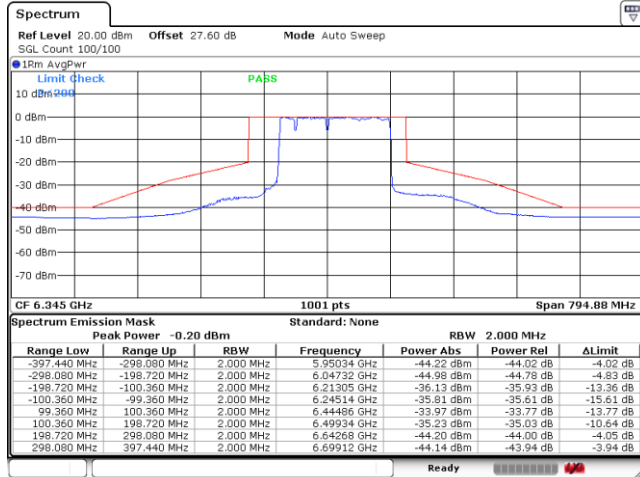




EUT Mode

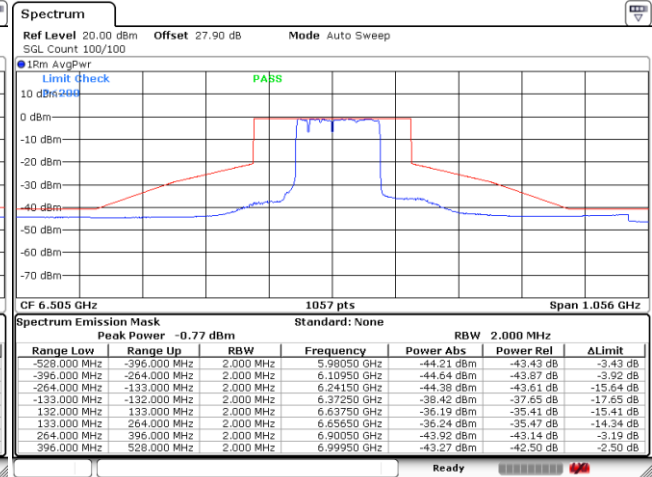
802.11be EHT160 Puncture 20RU1

Plot on Channel 6345 MHz



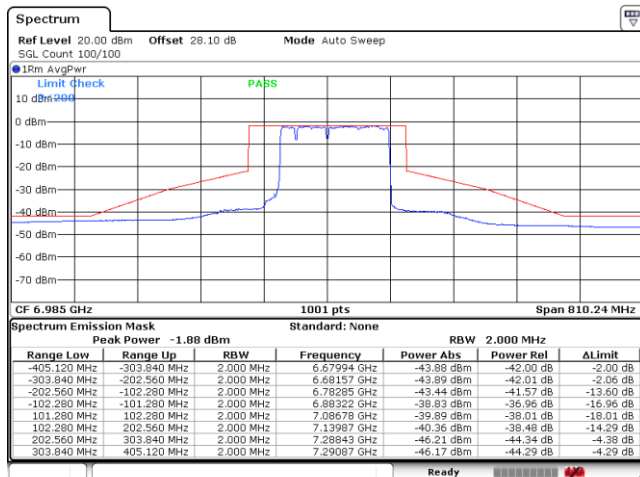
Date: 9 JUN 2023 23:42:25

Plot on Channel 6505 MHz



Date: 10 JUN 2023 00:13:27

Plot on Channel 6985 MHz



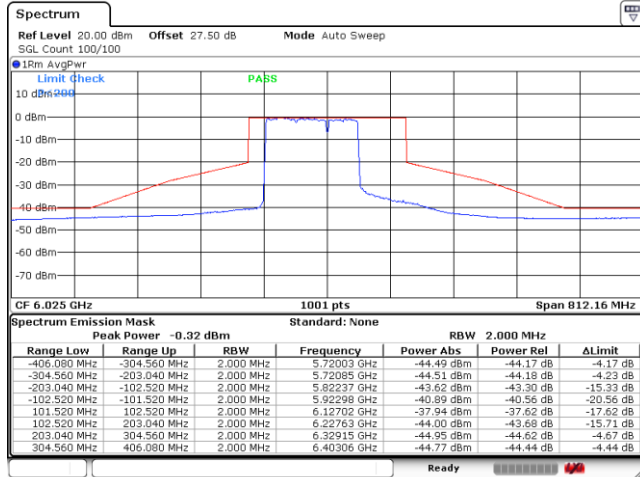
Date: 10 JUN 2023 00:55:55



EUT Mode

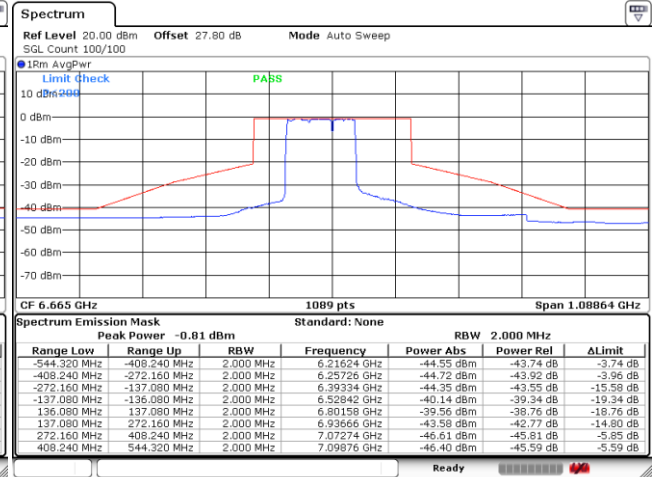
802.11be EHT160 Puncture 40RU192

Plot on Channel 6025 MHz



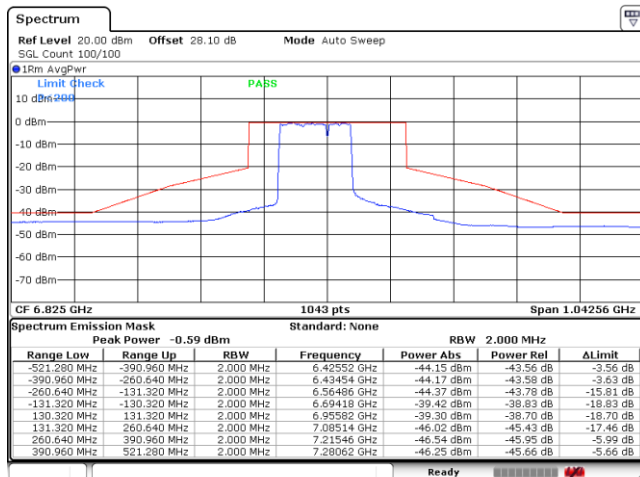
Date: 9 JUN 2023 22:37:19

Plot on Channel 6665 MHz



Date: 10 JUN 2023 00:19:26

Plot on Channel 6825 MHz



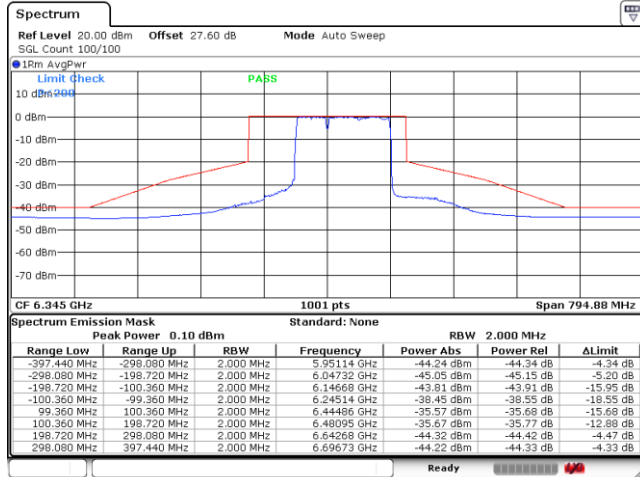
Date: 10 JUN 2023 01:06:29



EUT Mode

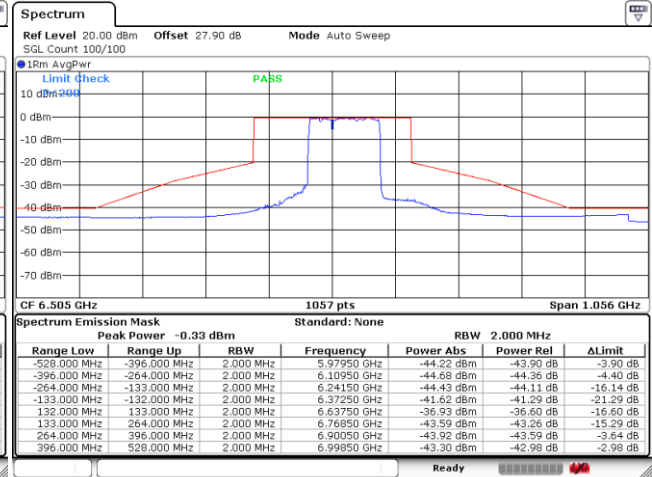
802.11be EHT160 Puncture 40RU3

Plot on Channel 6345 MHz



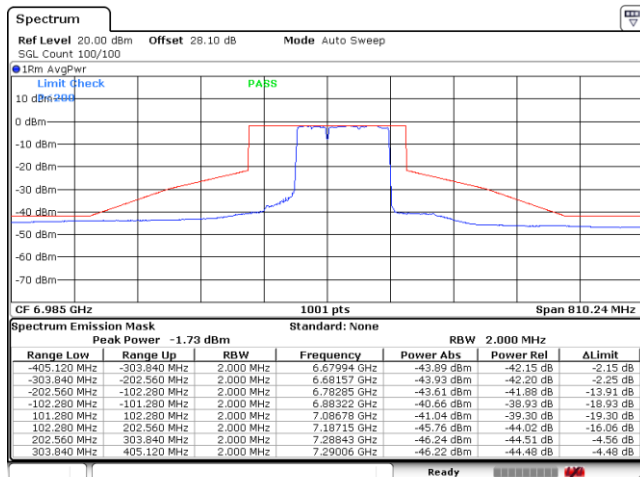
Date: 9 JUN 2023 23:35:43

Plot on Channel 6505 MHz



Date: 9 JUN 2023 23:54:09

Plot on Channel 6985 MHz



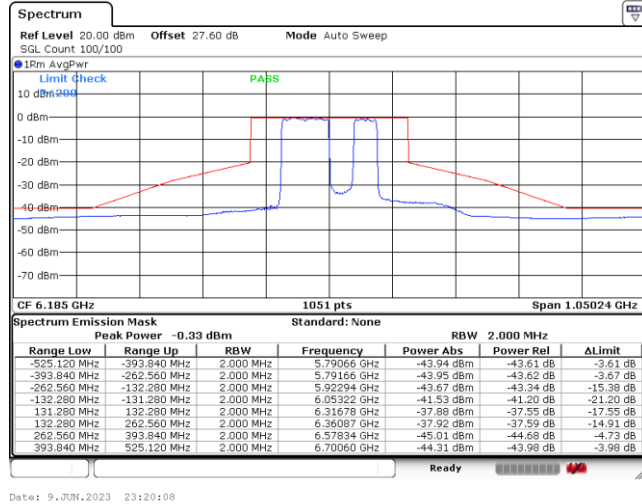
Date: 10 JUN 2023 00:47:30



EUT Mode

802.11be EHT160 Puncture 40RU48

Plot on Channel 6185 MHz



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

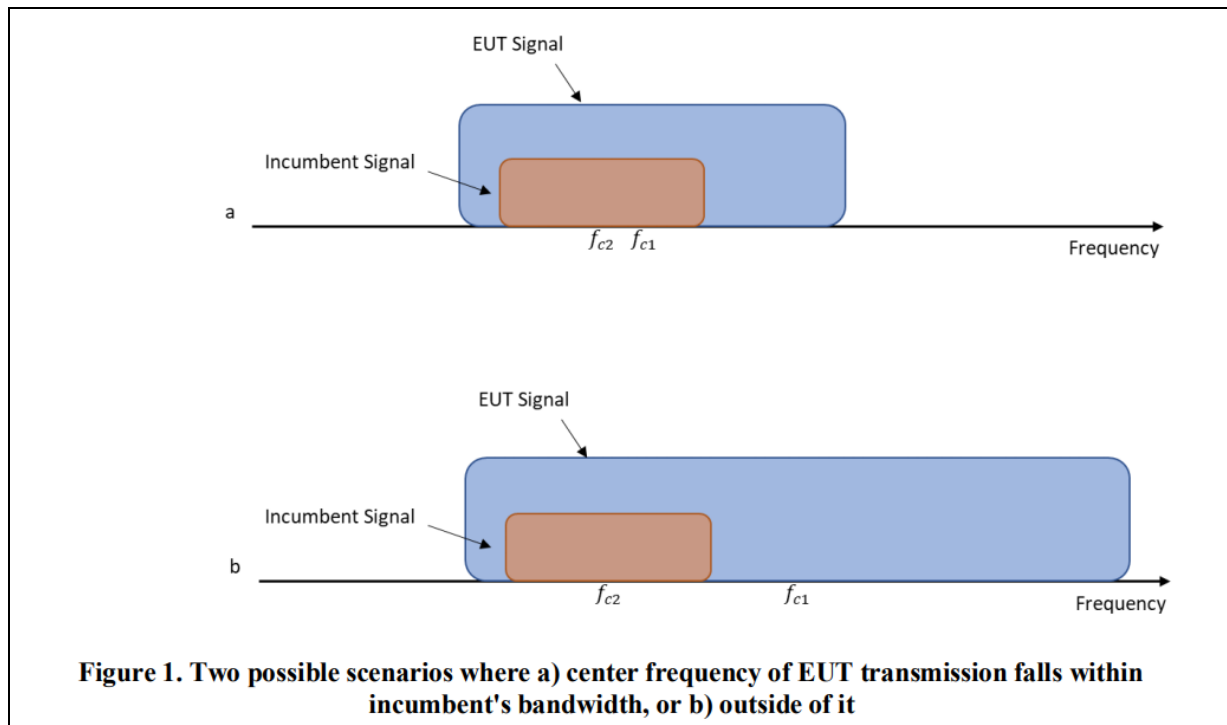
where:

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.

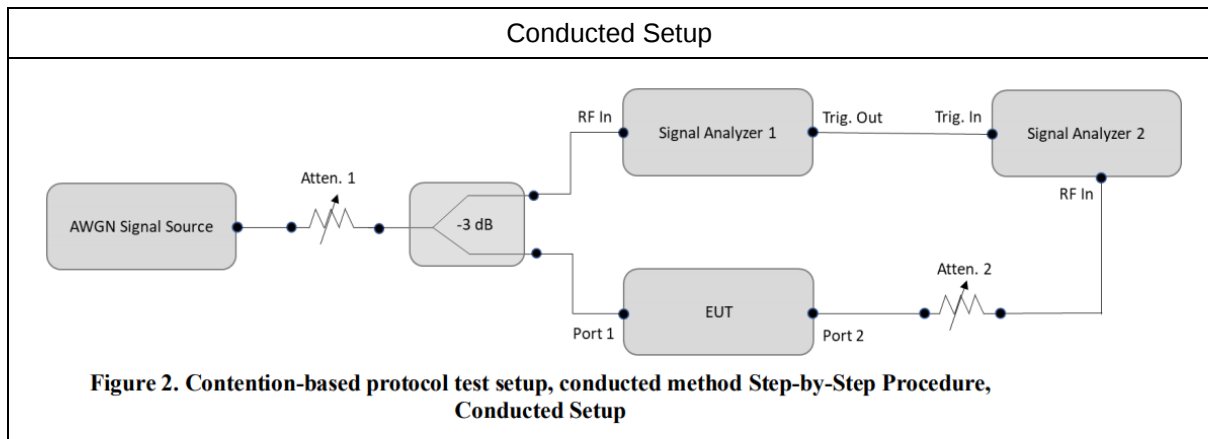
Section I) Contention Based Protocol

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
WLAN AP	TP-LINK	Archer BE800	Tri-Band AP
Notebook	Acer	N15C1	LAN

3.5.6 Minimum Antenna gain for Contention Based Protocol Test

CBP Antenna Gain	<UNII-5>: -5.6 dBi <UNII-6>: -6.2 dBi <UNII-7>: -6.1 dBi <UNII-8>: -5.1 dBi
------------------	--

Note: The CBP antenna gain is considering the minimum gain from closed mode as worse case.



3.5.7 Test Summary of Contention Based Protocol Test

Test Engineer :	Rebecca Li	Temperature :	22.9~25.1°C
		Relative Humidity :	48.8~56.7%

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	-69.70	100	-62	-64.10	2.10
				Result: Stop Transmission				
				-72.70	< 90	-62	-67.10	5.10
				Result: Minimal Operation				
				-73.70	0	-62	-68.10	6.10
				Result: Normal Operation				
	6185	160	6110	-72.73	100	-62	-67.13	5.13
				Result: Stop Transmission				
				-74.73	< 90	-62	-69.13	7.13
				Result: Minimal Operation				
				-75.73	0	-62	-70.13	8.13
				Result: Normal Operation				
			6185	-70.11	100	-62	-64.51	2.51
				Result: Stop Transmission				
				-71.11	< 90	-62	-65.51	3.51
				Result: Minimal Operation				
				-72.11	0	-62	-66.51	4.51
				Result: Normal Operation				
			6260	-73.25	100	-62	-67.65	5.65
				Result: Stop Transmission				
				-74.25	< 90	-62	-68.65	6.65
				Result: Minimal Operation				
				-75.25	0	-62	-69.65	7.65
				Result: Normal Operation				

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (-5.6 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	-70.48	100	-62	-64.28	2.28
					Result: Stop Transmission			
				-71.48	< 90	-62	-65.28	3.28
					Result: Minimal Operation			
				-72.48	0	-62	-66.28	4.28
					Result: Normal Operation			
	6505	160	6430	-75.25	100	-62	-69.05	7.05
					Result: Stop Transmission			
				-76.25	< 90	-62	-70.05	8.05
					Result: Minimal Operation			
				-77.25	0	-62	-71.05	9.05
					Result: Normal Operation			
			6505	-71.55	100	-62	-65.35	3.35
					Result: Stop Transmission			
				-72.55	< 90	-62	-66.35	4.35
					Result: Minimal Operation			
				-73.55	0	-62	-67.35	5.35
					Result: Normal Operation			
			6580	-74.42	100	-62	-68.22	6.22
					Result: Stop Transmission			
				-75.42	< 90	-62	-69.22	7.22
					Result: Minimal Operation			
				-76.42	0	-62	-70.22	8.22
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (-6.2 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 7	6695	20	6695	-70.52	100	-62	-64.42	2.42
					Result: Stop Transmission			
				-72.52	< 90	-62	-66.42	4.42
					Result: Minimal Operation			
				-73.52	0	-62	-67.42	5.42
					Result: Normal Operation			
	6665	160	6590	-73.44	100	-62	-67.34	5.34
					Result: Stop Transmission			
				-74.44	< 90	-62	-68.34	6.34
					Result: Minimal Operation			
				-75.44	0	-62	-69.34	7.34
					Result: Normal Operation			
			6665	-70.75	100	-62	-64.65	2.65
					Result: Stop Transmission			
				-71.75	< 90	-62	-65.65	3.65
					Result: Minimal Operation			
				-72.75	0	-62	-66.65	4.65
					Result: Normal Operation			
			6740	-72.82	100	-62	-66.72	4.72
					Result: Stop Transmission			
				-74.82	< 90	-62	-68.72	6.72
					Result: Minimal Operation			
				-75.82	0	-62	-69.72	7.72
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (-6.1 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 8	7015	20	7015	-72.46	100	-62	-67.36	5.36
					Result: Stop Transmission			
				-74.46	< 90	-62	-69.36	7.36
					Result: Minimal Operation			
				-75.46	0	-62	-70.36	8.36
					Result: Normal Operation			
	6985	160	6910	-74.56	100	-62	-69.46	7.46
					Result: Stop Transmission			
				-75.56	< 90	-62	-70.46	8.46
					Result: Minimal Operation			
				-76.56	0	-62	-71.46	9.46
					Result: Normal Operation			
			6985	-70.74	100	-62	-65.64	3.64
					Result: Stop Transmission			
				-71.74	< 90	-62	-66.64	4.64
					Result: Minimal Operation			
				-72.74	0	-62	-67.64	5.64
					Result: Normal Operation			
			7060	-73.43	100	-62	-68.33	6.33
					Result: Stop Transmission			
				-74.43	< 90	-62	-69.33	7.33
					Result: Minimal Operation			
				-75.43	0	-62	-70.33	8.33
					Result: Normal Operation			

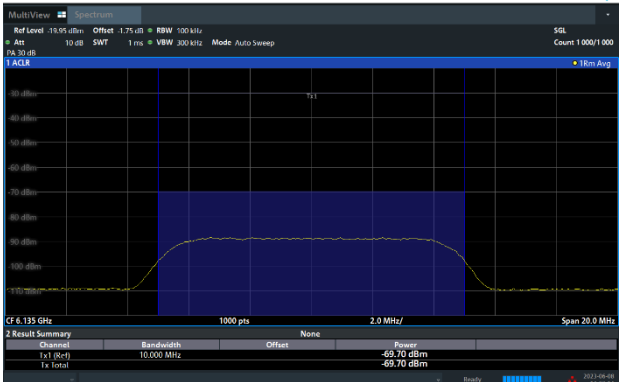
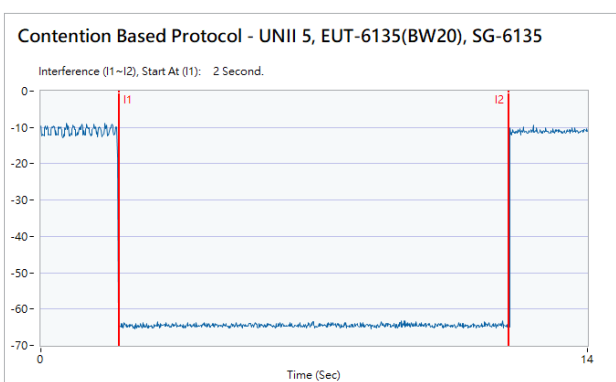
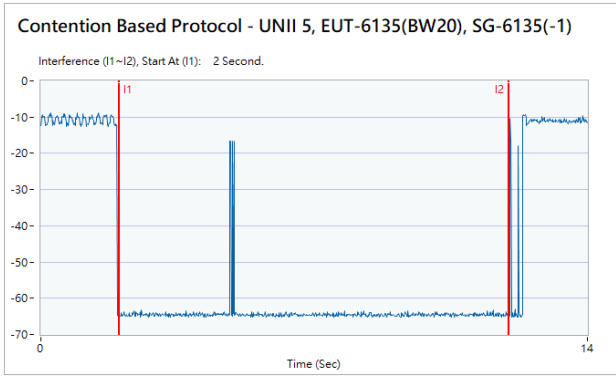
Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (-5.1 dBi).

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

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



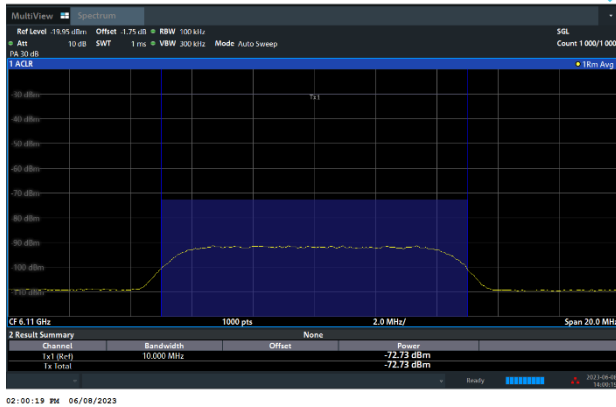
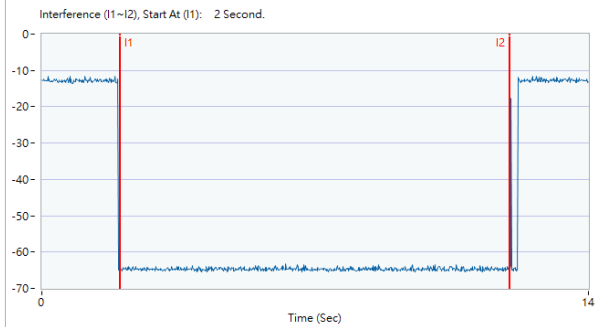
3.5.8 Test Plots of Contention Based Protocol Test

Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11be (EHT20) / 6135MHz Threshold Level (TL) = -69.70dBm	802.11be (EHT20) / CH37 Test result is pass due to no transmission occur.
	
802.11be (EHT20) / 6135MHz Threshold Level (TL) = -70.70dBm	802.11be (EHT20) / CH37 Transmit when the interferer is 1dB lower.
	

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

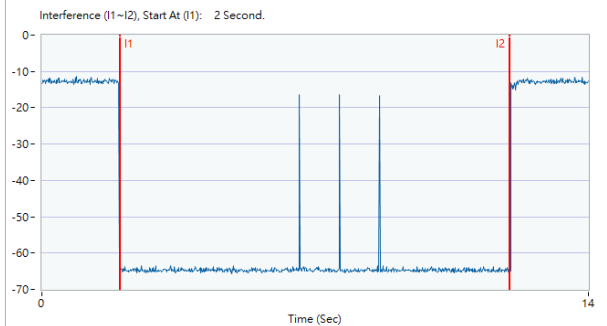
802.11be (EHT160) / 6110MHz (Lower edge)
Threshold Level (TL) = -72.73dBm

802.11be (EHT160) / CH47 (Lower edge)
Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 5, EUT-6185(BW160), SG-6110


802.11be (EHT160) / 6110MHz (Lower edge)
Threshold Level (TL) = -73.73dBm

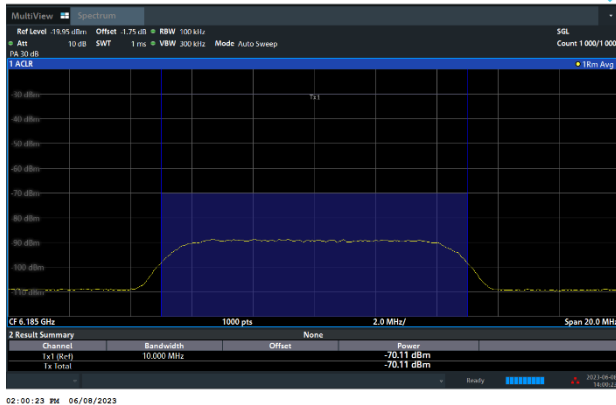
802.11be (EHT160) / CH47 (Lower edge)
Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 5, EUT-6185(BW160), SG-6110(-1)


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

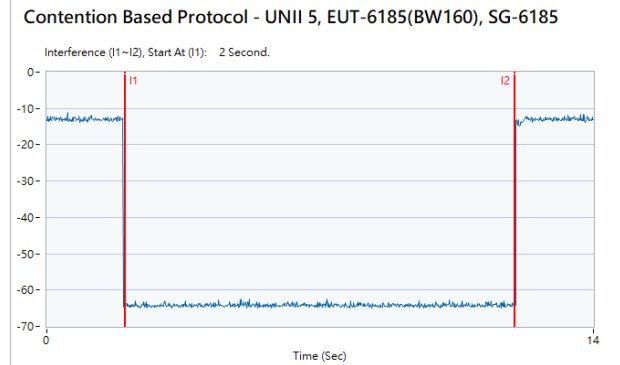
802.11be (EHT160) / 6185MHz (Middle)

Threshold Level (TL) = -70.11dBm



802.11be (EHT160) / CH47 (Middle)

Test result is pass due to no transmission occur.

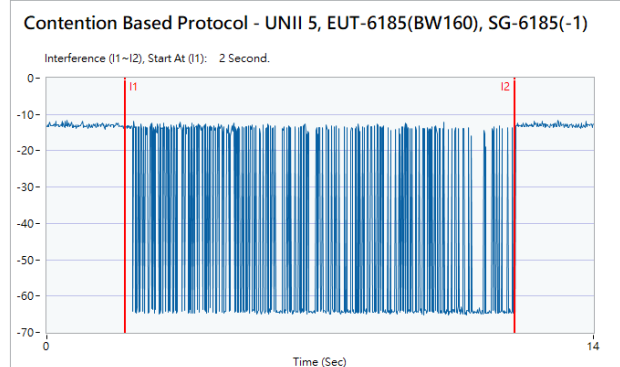


802.11be (EHT160) / 6185MHz (Middle)

Threshold Level (TL) = -71.11dBm

802.11be (EHT160) / CH47 (Middle)

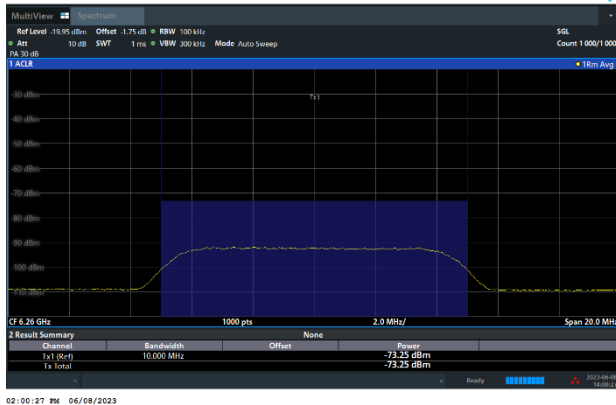
Transmit when the interferer is 1dB lower.



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

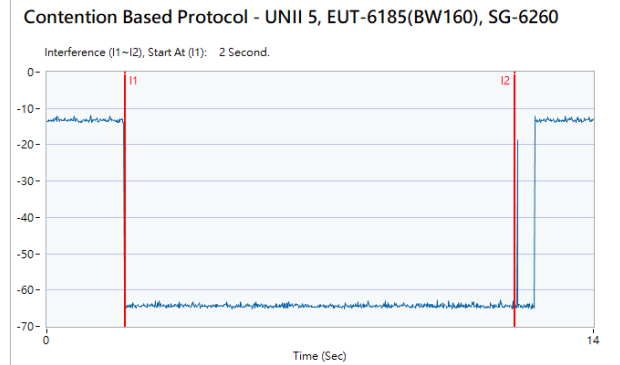
802.11be (EHT160) / 6260MHz (Upper edge)

Threshold Level (TL) = -73.25dBm



802.11be (EHT160) / CH47 (Upper edge)

Test result is pass due to no transmission occur.

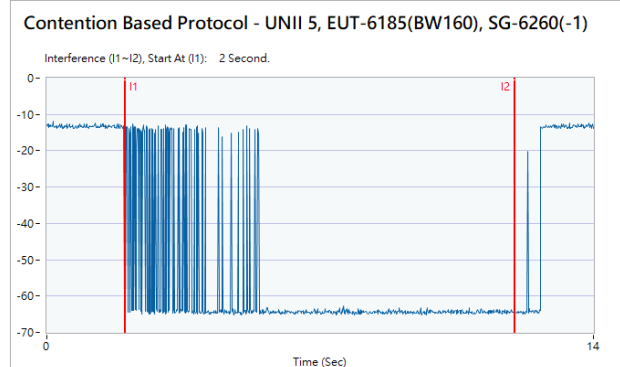


802.11be (EHT160) / 6260MHz (Upper edge)

Threshold Level (TL) = -74.25dBm

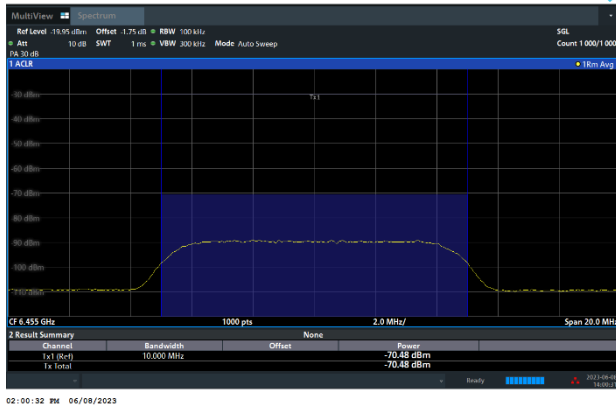
802.11be (EHT160) / CH47 (Upper edge)

Transmit when the interferer is 1dB lower.



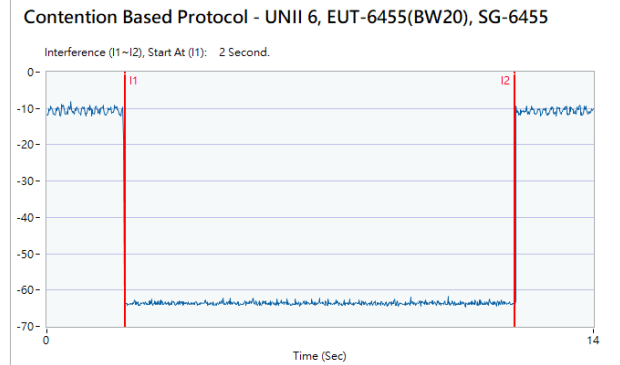
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

802.11be (EHT20) / 6455MHz
Threshold Level (TL) = -70.48dBm



802.11be (EHT20) / CH101

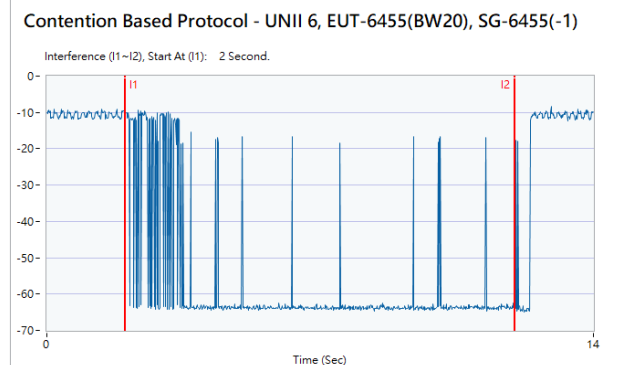
Test result is pass due to no transmission occur.



802.11be (EHT20) / 6455MHz
Threshold Level (TL) = -71.48dBm

802.11be (EHT20) / CH101

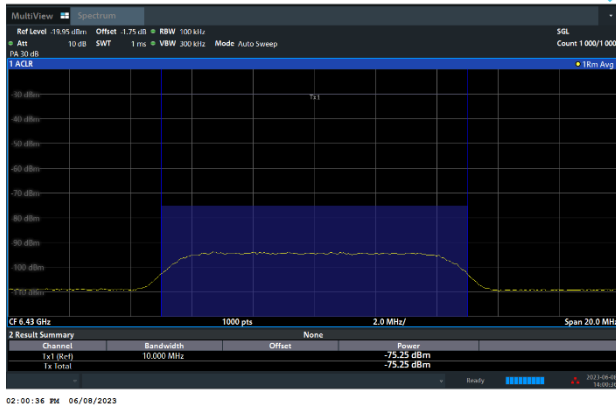
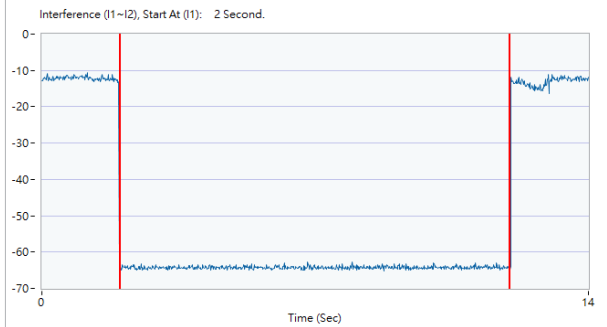
Transmit when the interferer is 1dB lower.



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

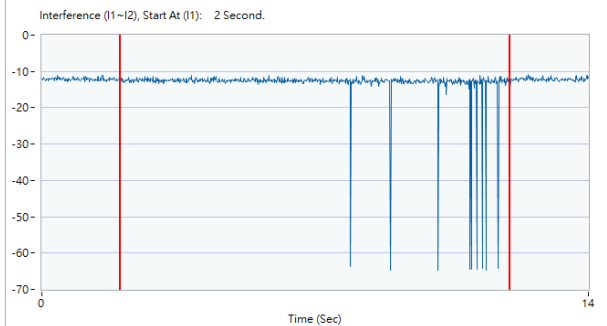
802.11be (EHT160) / 6430MHz (Lower edge)
Threshold Level (TL) = -75.25dBm

802.11be (EHT160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6430


802.11be (EHT160) / 6430MHz (Lower edge)
Threshold Level (TL) = -76.25dBm

802.11be (EHT160) / CH111 (Lower edge)
Transmit when the interferer is 1dB lower.

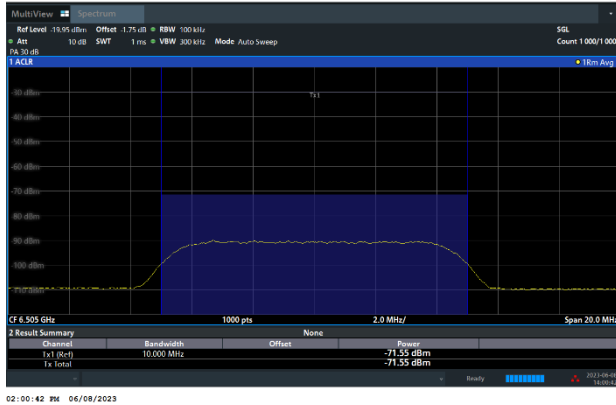
Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6430(-1)


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

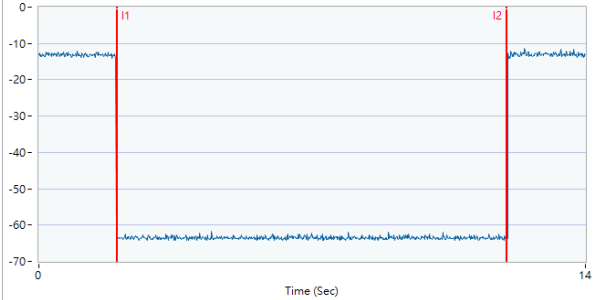
802.11be (EHT160) / 6505MHz (Middle)
Threshold Level (TL) = -71.55dBm

802.11be (EHT160) / CH111 (Middle)

Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6505

Interference (I1~I2), Start At (I1): 2 Second.



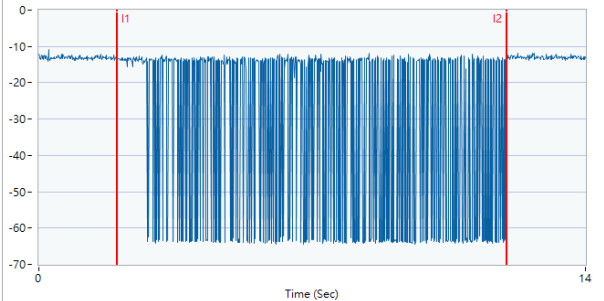
802.11be (EHT160) / 6505MHz (Middle)
Threshold Level (TL) = -72.55dBm

802.11be (EHT160) / CH111 (Middle)

Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6505(-1)

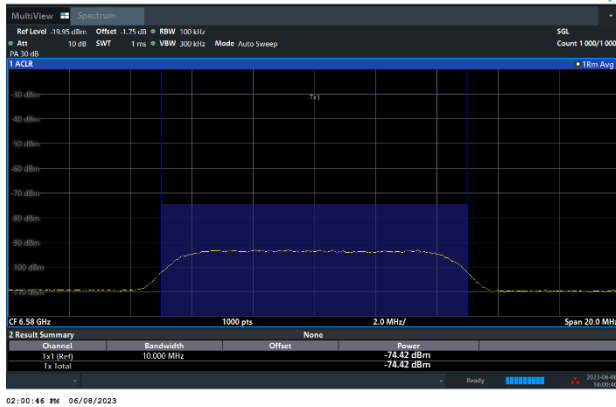
Interference (I1~I2), Start At (I1): 2 Second.



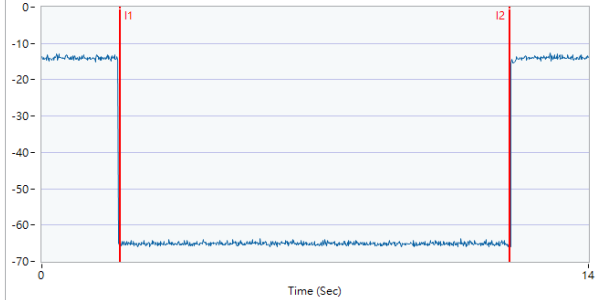
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

802.11be (EHT160) / 6580MHz (Upper edge)
Threshold Level (TL) = -74.42dBm

802.11be (EHT160) / CH111 (Upper edge)
Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6580

Interference (I1~I2), Start At (I1): 2 Second.

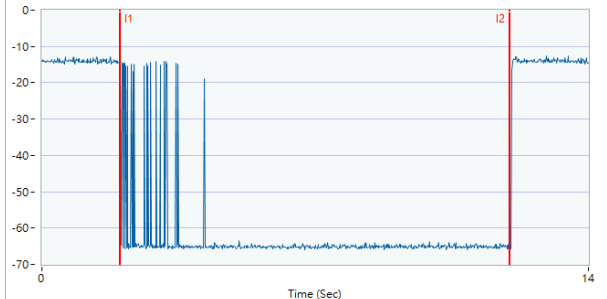


802.11be (EHT160) / 6580MHz (Upper edge)
Threshold Level (TL) = -75.42dBm

802.11be (EHT160) / CH111 (Upper edge)
Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 6, EUT-6505(BW160), SG-6580(-1)

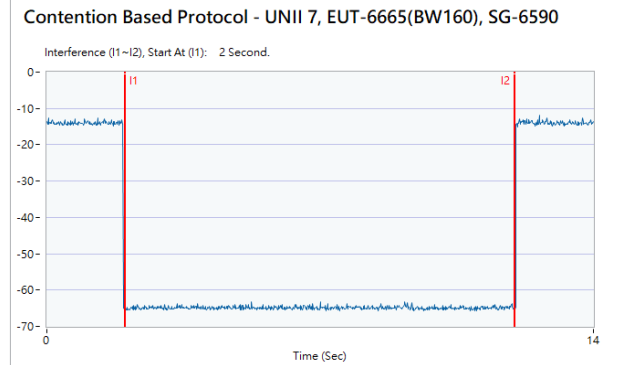
Interference (I1~I2), Start At (I1): 2 Second.



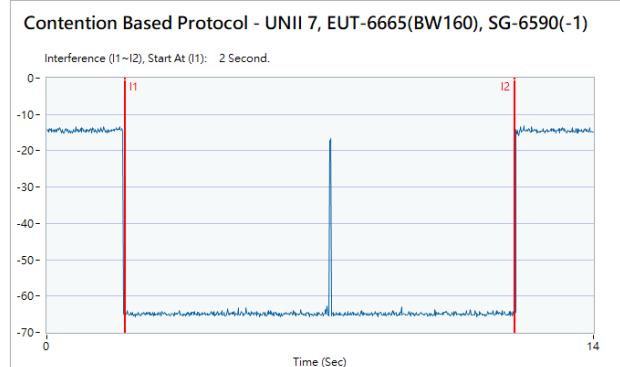




802.11be (EHT160) / CH143 (Lower edge)
Test result is pass due to no transmission occur.



802.11be (EHT160) / CH143 (Lower edge)
Transmit when the interferer is 1dB lower.

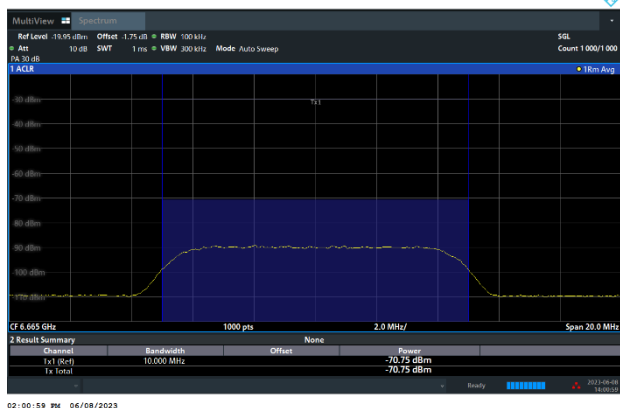




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11be (EHT160) / 6665MHz (Middle)

Threshold Level (TL) = -70.75dBm

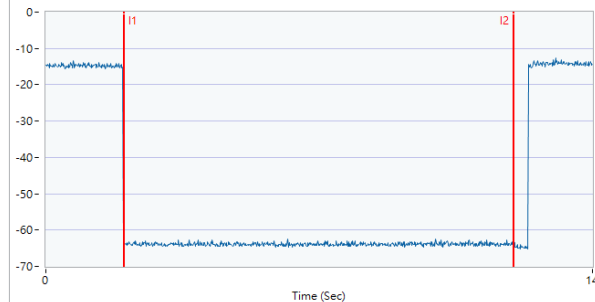


802.11be (EHT160) / CH143 (Middle)

Test result is pass due to no transmission occur.

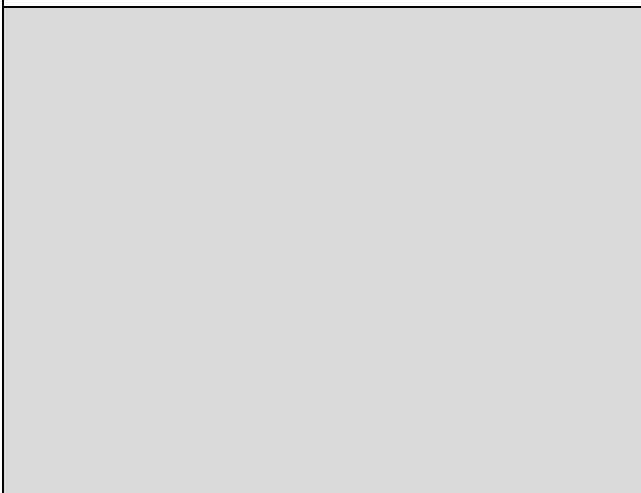
Contention Based Protocol - UNII 7, EUT-6665(BW160), SG-6665

Interference (I1~I2), Start At (I1): 2 Second.



802.11be (EHT160) / 6665MHz (Middle)

Threshold Level (TL) = -71.75dBm

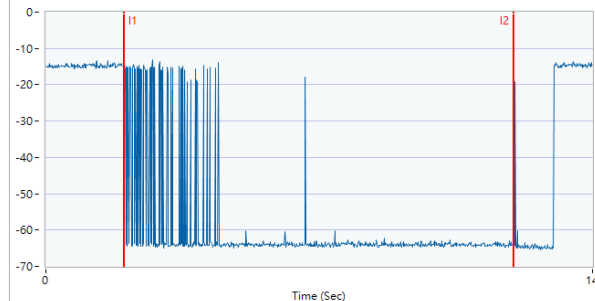


802.11be (EHT160) / CH143 (Middle)

Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 7, EUT-6665(BW160), SG-6665(-1)

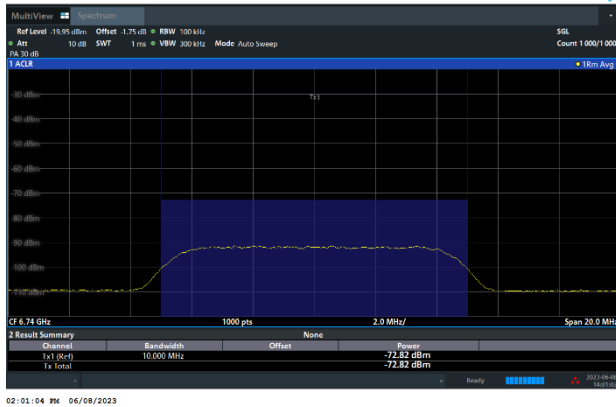
Interference (I1~I2), Start At (I1): 2 Second.



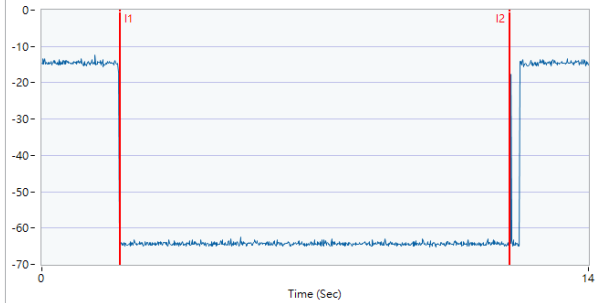
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11be (EHT160) / 6740MHz (Upper edge)
Threshold Level (TL) = -72.82dBm

802.11be (EHT160) / CH143 (Upper edge)
Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 7, EUT-6665(BW160), SG-6740

Interference (I1~I2), Start At (I1): 2 Second.

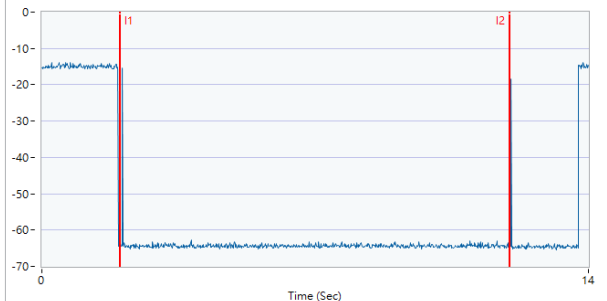


802.11be (EHT160) / 6740MHz (Upper edge)
Threshold Level (TL) = -73.82dBm

802.11be (EHT160) / CH143 (Upper edge)
Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 7, EUT-6665(BW160), SG-6740(-1)

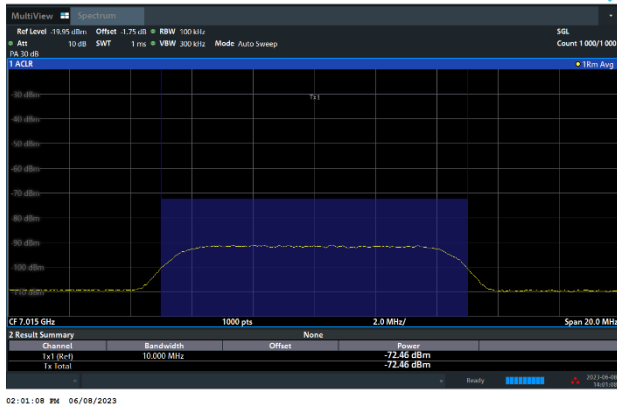
Interference (I1~I2), Start At (I1): 2 Second.





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

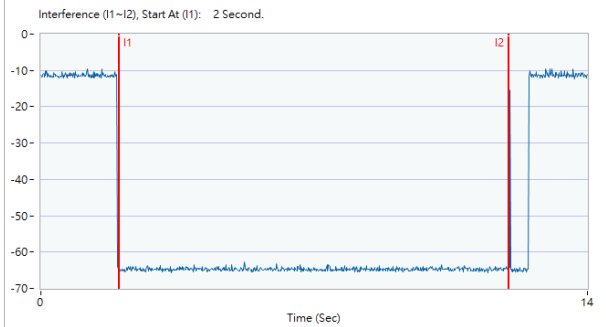
802.11be (EHT20) / 7015MHz
Threshold Level (TL) = -72.46dBm



802.11be (EHT20) / CH213

Test result is pass due to no transmission occur.

Contention Based Protocol - UNII 8, EUT-7015(BW20), SG-7015

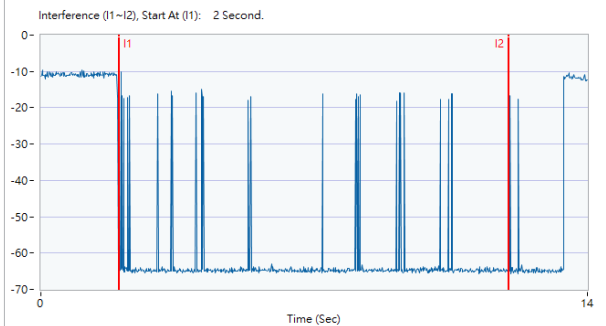


802.11be (EHT20) / 7015MHz
Threshold Level (TL) = -73.46dBm

802.11be (EHT20) / CH213

Transmit when the interferer is 1dB lower.

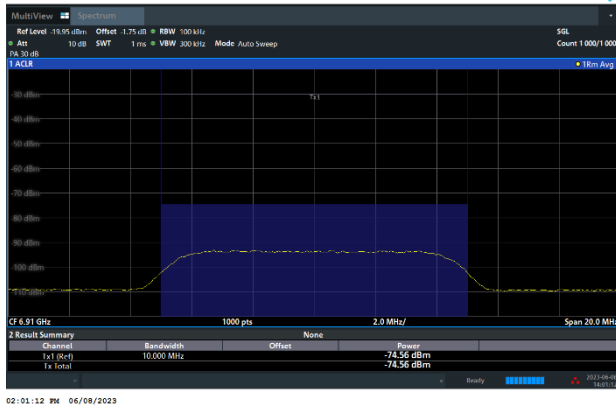
Contention Based Protocol - UNII 8, EUT-7015(BW20), SG-7015(-1)



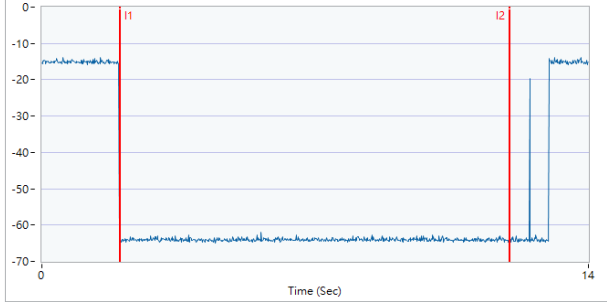
Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

802.11be (EHT160) / 6910MHz (Lower edge)
Threshold Level (TL) = -74.56dBm

802.11be (EHT160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.


Contention Based Protocol - UNII 8, EUT-6985(BW160), SG-6910

Interference (I1~I2), Start At (I1): 2 Second.

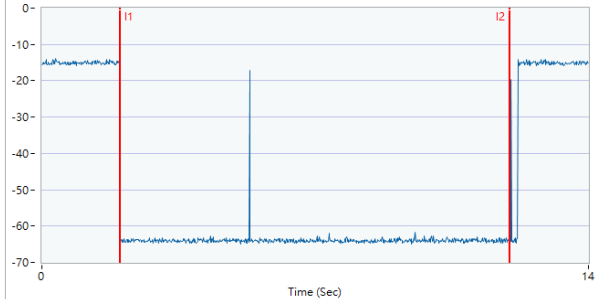


802.11be (EHT160) / 6910MHz (Lower edge)
Threshold Level (TL) = -75.56dBm

802.11be (EHT160) / CH207 (Lower edge)
Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 8, EUT-6985(BW160), SG-6910(-1)

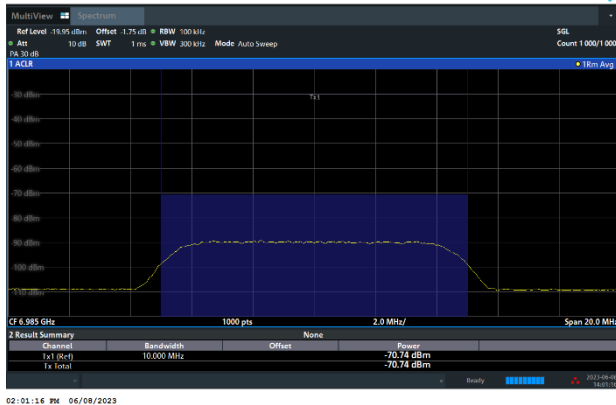
Interference (I1~I2), Start At (I1): 2 Second.



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

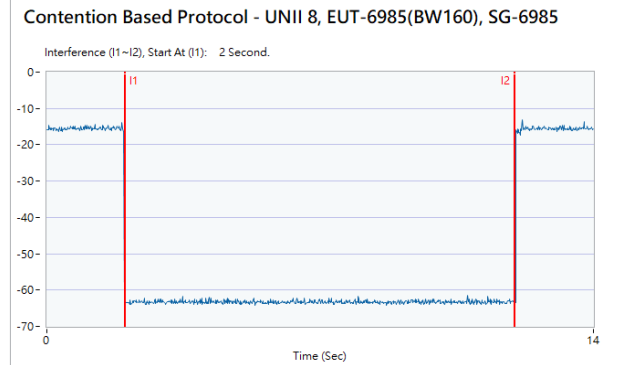
802.11be (EHT160) / 6985MHz (Middle)

Threshold Level (TL) = -70.74dBm



802.11be (EHT160) / CH207 (Middle)

Test result is pass due to no transmission occur.

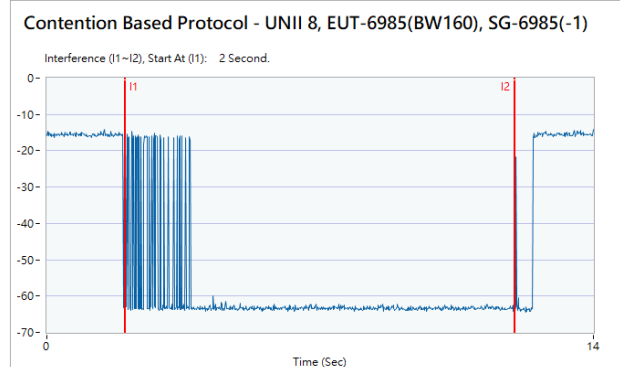


802.11be (EHT160) / 6985MHz (Middle)

Threshold Level (TL) = -71.74dBm

802.11be (EHT160) / CH207 (Middle)

Transmit when the interferer is 1dB lower.



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

802.11be (EHT160) / 7060MHz (Upper edge)

Threshold Level (TL) = -73.43dBm

802.11be (EHT160) / CH207 (Upper edge)

Test result is pass due to no transmission occur.

2 Result Summary

Channel	Bandwidth	Offset	Power
1x1 (Q+)	10.000 MHz	None	-73.43 dBm
1x Total			-73.43 dBm

02:01:21 PM 06/08/2023

Contention Based Protocol - UNII 8, EUT-6985(BW160), SG-7060

Interference (I1~I2), Start At (I1): 2 Second.

Time (Sec)

802.11be (EHT160) / 7060MHz (Upper edge)

Threshold Level (TL) = -74.43dBm

802.11be (EHT160) / CH207 (Upper edge)

Transmit when the interferer is 1dB lower.

Contention Based Protocol - UNII 8, EUT-6985(BW160), SG-7060(-1)

Interference (I1~I2), Start At (I1): 2 Second.

Time (Sec)

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

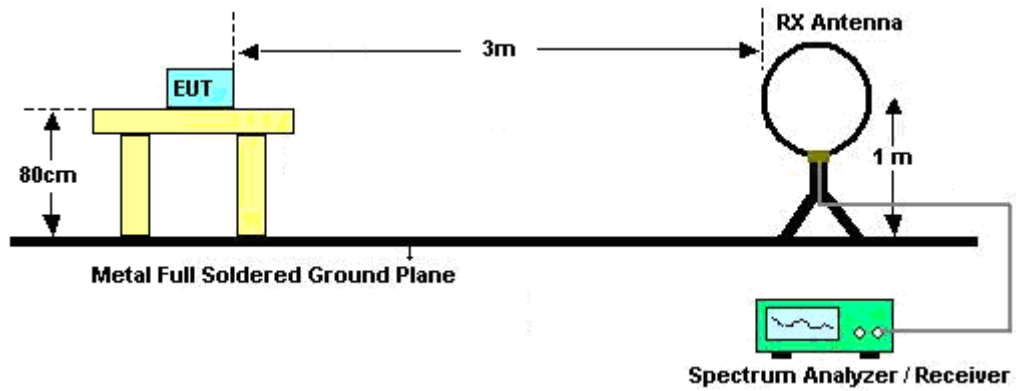
Please refer to the measuring equipment list in this test report.

3.6.3 Test Procedures

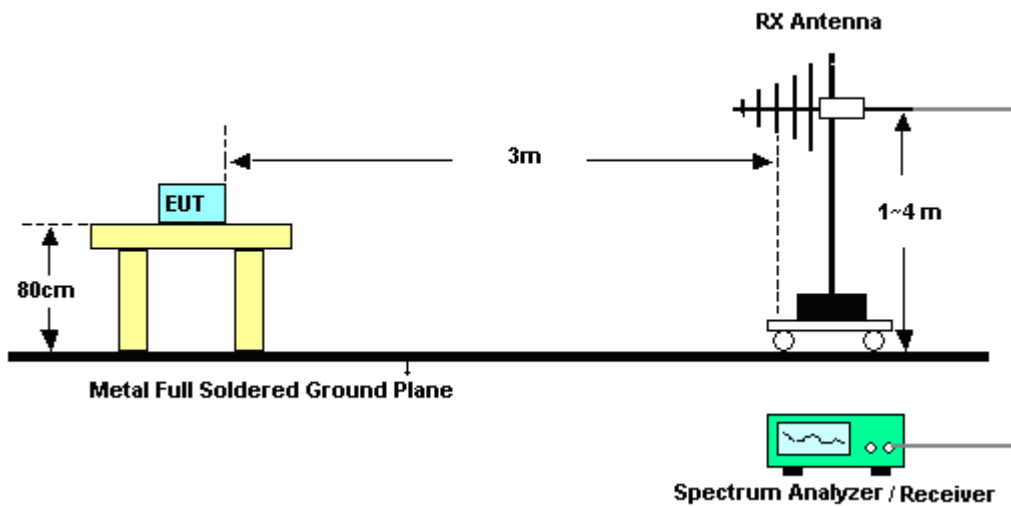
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak 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

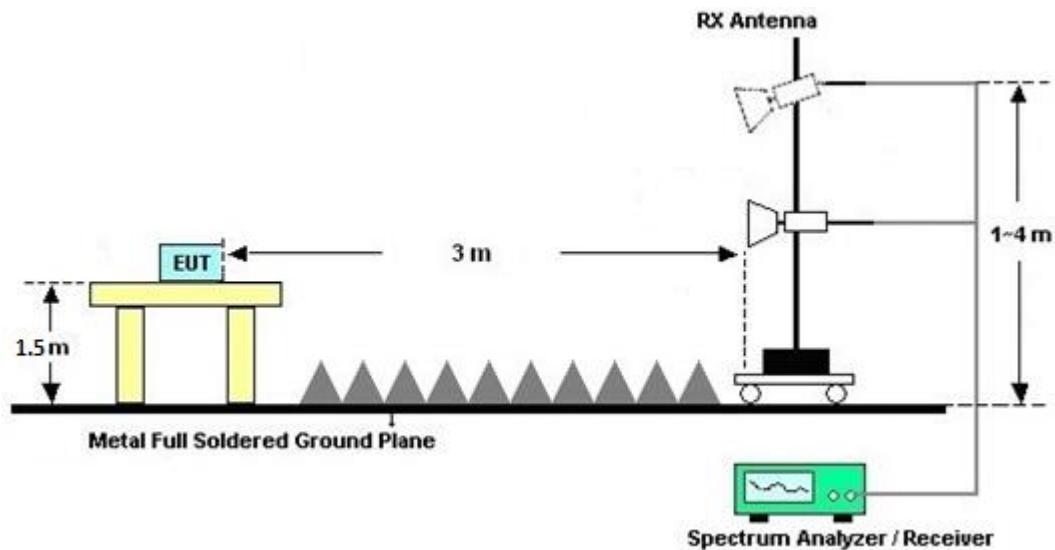
For radiated emissions below 30MHz



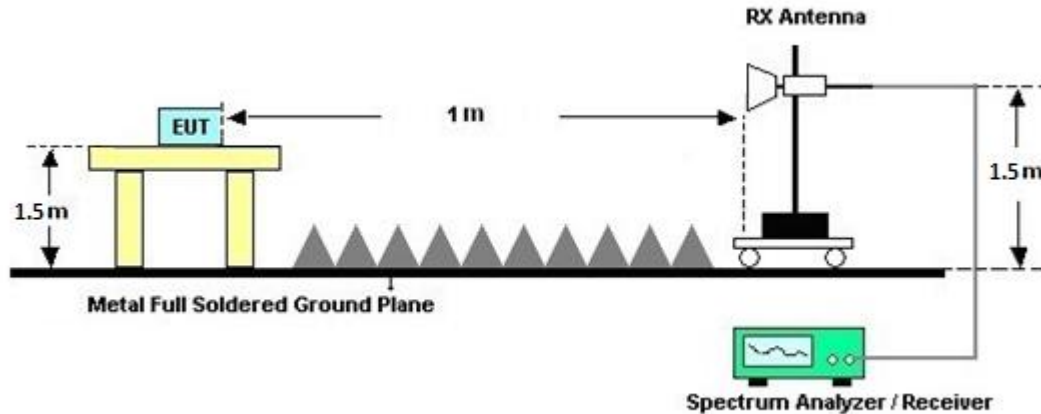
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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 μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

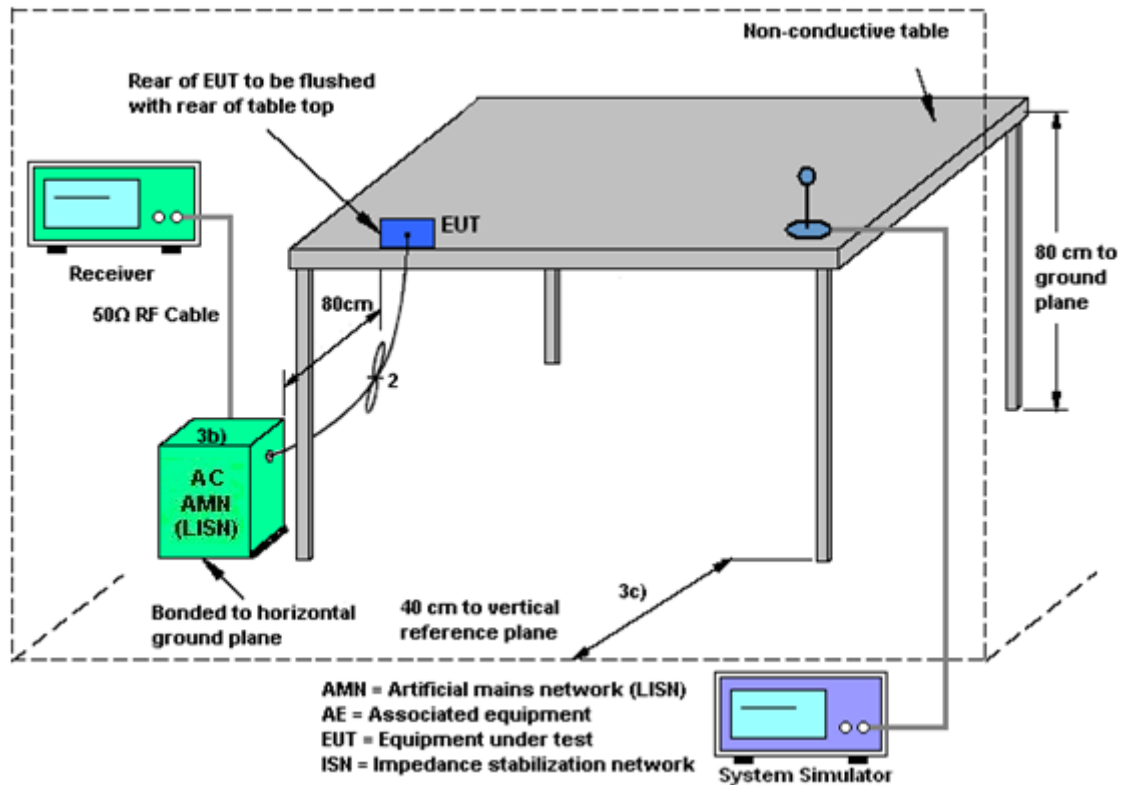
3.7.2 Measuring Instruments

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
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Apr. 10, 2023~Apr. 22, 2023	Apr. 23, 2023	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Apr. 23, 2023~Jun. 05, 2023	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2022	Apr. 10, 2023~Jun. 05, 2023	Nov. 30, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 27, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Apr. 10, 2023~Apr. 19, 2023	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 20, 2023	Apr. 20, 2023~Jun. 05, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Apr. 10, 2023~Jun. 05, 2023	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 24, 2023	Apr. 10, 2023~Jun. 05, 2023	Mar. 23, 2024	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 21, 2022	Apr. 10, 2023~Jun. 05, 2023	Jul. 20, 2023	Radiation (03CH07-HY)
Spectrum Analyzer	Keysight	Keysight	MY60241058	10Hz~44GHz	Jul. 07, 2022	Apr. 10, 2023~Jun. 05, 2023	Jul. 06, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 22, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 22, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 22, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 16, 2022	Apr. 10, 2023~Jun. 05, 2023	Sep. 15, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 22, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 10, 2023~Jun. 05, 2023	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 10, 2023~Jun. 05, 2023	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 10, 2023~Jun. 05, 2023	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 10, 2023~Jun. 05, 2023	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Apr. 10, 2023~Jun. 05, 2023	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 14, 2023	Apr. 10, 2023~Jun. 05, 2023	Mar. 13, 2024	Radiation (03CH07-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Feb. 13, 2023	Apr. 10, 2023~Jun. 05, 2023	Feb. 12, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2022	Apr. 10, 2023~Jun. 05, 2023	Nov. 23, 2023	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 17, 2022	Mar. 10, 2023~ Jun. 10, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Mar. 10, 2023~ Jun. 10, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz	Aug. 03, 2022	Mar. 10, 2023~ Jun. 10, 2023	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 17, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	May 17, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	May 17, 2023	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	May 17, 2023	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 17, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	May 17, 2023	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	May 17, 2023	Dec. 28, 2023	Conduction (CO05-HY)
Signal Generator (Interferer)	Anritsu	MG3710A	6201502524	100KHz~6GHz	Oct. 12, 2022	Jun. 07, 2023~ Jun. 08, 2023	Oct. 11, 2023	CBP (DF02-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 23, 2022	Jun. 07, 2023~ Jun. 08, 2023	Dec. 22, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 31, 2023	Jun. 07, 2023~ Jun. 08, 2023	Jan. 30, 2024	CBP (DF02-HY)
Switch Control Mainframe	EM	WMAD300328 SW18	SW1110202	0.5GHz-18GHz	Calibration from System	Jun. 07, 2023~ Jun. 08, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A 1	0.5GHz-18GHz	Calibration from System	Jun. 07, 2023~ Jun. 08, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	0120A0405180 10	DCMB1CW3 A7	0.5-18GHz	Calibration from System	Jun. 07, 2023~ Jun. 08, 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% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.2 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:	Junyu Jhou and Ching Chen	Temperature:	21~25	°C
Test Date:	2023/3/10-2023/6/10	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	001	5955	17.38	17.08	21.96	21.90	320.00	Pass
11a	6Mbps	2	049	6195	17.28	17.08	21.78	21.72	320.00	Pass
11a	6Mbps	2	093	6415	17.33	17.03	22.14	21.84	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	001	5955	8.85	8.65	11.76	-3.40		8.36	24.00	Pass
11a	6Mbps	2	049	6195	8.30	9.60	12.01	-3.40		8.61	24.00	Pass
11a	6Mbps	2	093	6415	8.25	9.25	11.79	-3.40		8.39	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	001	5955	0.29	0.29			0.13	-1.42		-1.29	-1.00	Pass
11a	6Mbps	2	049	6195	0.29	0.29			0.15	-1.42		-1.27	-1.00	Pass
11a	6Mbps	2	093	6415	0.29	0.29			0.22	-1.42		-1.20	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	097	6435	17.43	17.13	21.90	21.84	320.00	Pass
11a	6Mbps	2	105	6475	17.33	17.08	21.96	21.78	320.00	Pass
11a	6Mbps	2	113	6515	17.38	17.08	22.02	21.90	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	097	6435	7.95	9.45	11.77	-3.00		8.77	24.00	Pass
11a	6Mbps	2	105	6475	7.95	9.05	11.55	-3.00		8.55	24.00	Pass
11a	6Mbps	2	113	6515	8.15	9.05	11.63	-3.00		8.63	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	097	6435	0.29	0.29			0.16	-1.44		-1.29	-1.00	Pass
11a	6Mbps	2	105	6475	0.29	0.29			0.06	-1.44		-1.39	-1.00	Pass
11a	6Mbps	2	113	6515	0.29	0.29			0.07	-1.44		-1.37	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	117	6535	17.28	17.08	22.02	21.72	320.00	Pass
11a	6Mbps	2	149	6695	17.28	17.13	21.84	21.84	320.00	Pass
11a	6Mbps	2	181	6855	17.28	17.08	22.26	21.78	320.00	Pass

U-NII-7 straddle channel MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	185	6875	17.23	17.03	21.66	21.84	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	117	6535	9.50	8.90	12.22	-4.10		8.12	24.00	Pass
11a	6Mbps	2	149	6695	9.65	8.55	12.15	-4.10		8.05	24.00	Pass
11a	6Mbps	2	181	6855	9.50	9.00	12.27	-4.10		8.17	24.00	Pass

U-NII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	185	6875	9.85	9.65	12.76	-4.10		8.66	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	117	6535	0.29	0.29			0.46	-2.03	-1.57	-1.00	Pass	
11a	6Mbps	2	149	6695	0.29	0.29			0.43	-2.03	-1.60	-1.00	Pass	
11a	6Mbps	2	181	6855	0.29	0.29			0.40	-2.03	-1.63	-1.00	Pass	

FCC U-NII-7 straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	185	6875	0.29	0.29			0.56	-2.03		-1.47	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	209	6995	17.13	16.98	21.96	21.78	320.00	Pass
11a	6Mbps	2	229	7095	17.13	16.98	21.60	21.90	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4			
11a	6Mbps	2	209	6995	8.45	7.15	10.86	-2.40		8.46	24.00	Pass
11a	6Mbps	2	229	7095	9.85	8.35	12.17	-2.40		9.77	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
11a	6Mbps	2	209	6995	0.29	0.29			-0.83	-0.64	-1.47	-1.00	Pass	
11a	6Mbps	2	229	7095	0.29	0.29			-0.67	-0.64	-1.31	-1.00	Pass	

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	001	5955	Full	9.75	9.35	12.56	-3.40		9.16	24.00	Pass
HE20	MCS0	2	001	5955	26/0	0.05	-0.55	2.77	-3.40		-0.63	24.00	Pass
HE20	MCS0	2	001	5955	52/37	2.85	2.35	5.62	-3.40		2.22	24.00	Pass
HE20	MCS0	2	001	5955	106/53	5.85	5.45	8.66	-3.40		5.26	24.00	Pass
HE20	MCS0	2	049	6195	Full	8.90	9.80	12.38	-3.40		8.98	24.00	Pass
HE20	MCS0	2	049	6195	26/4	0.40	0.80	3.61	-3.40		0.21	24.00	Pass
HE20	MCS0	2	049	6195	52/38	2.20	3.00	5.63	-3.40		2.23	24.00	Pass
HE20	MCS0	2	049	6195	106/53	4.50	5.50	8.04	-3.40		4.64	24.00	Pass
HE20	MCS0	2	093	6415	Full	8.95	9.85	12.43	-3.40		9.03	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-0.85	-0.15	2.52	-3.40		-0.88	24.00	Pass
HE20	MCS0	2	093	6415	52/40	1.95	2.45	5.22	-3.40		1.82	24.00	Pass
HE20	MCS0	2	093	6415	106/54	5.05	5.85	8.48	-3.40		5.08	24.00	Pass
HE40	MCS0	2	003	5965	Full	12.55	11.85	15.22	-3.40		11.82	24.00	Pass
HE40	MCS0	2	051	6205	Full	11.80	12.20	15.01	-3.40		11.61	24.00	Pass
HE40	MCS0	2	091	6405	Full	11.85	12.15	15.01	-3.40		11.61	24.00	Pass
HE80	MCS0	2	007	5985	Full	15.35	15.15	18.26	-3.40		14.86	24.00	Pass
HE80	MCS0	2	055	6225	Full	14.20	15.10	17.68	-3.40		14.28	24.00	Pass
HE80	MCS0	2	087	6385	Full	14.95	15.25	18.11	-3.40		14.71	24.00	Pass
HE160	MCS0	2	015	6025	Full	18.05	17.55	20.82	-3.40		17.42	24.00	Pass
HE160	MCS0	2	047	6185	Full	17.60	17.90	20.76	-3.40		17.36	24.00	Pass
HE160	MCS0	2	079	6345	Full	17.75	18.15	20.96	-3.40		17.56	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	097	6435	Full	8.55	9.85	12.26	-3.00		9.26	24.00	Pass
HE20	MCS0	2	097	6435	26/0	-0.95	0.35	2.76	-3.00		-0.24	24.00	Pass
HE20	MCS0	2	097	6435	52/37	1.75	3.25	5.57	-3.00		2.57	24.00	Pass
HE20	MCS0	2	097	6435	106/53	4.75	6.25	8.57	-3.00		5.57	24.00	Pass
HE20	MCS0	2	105	6475	Full	8.95	9.85	12.43	-3.00		9.43	24.00	Pass
HE20	MCS0	2	105	6475	26/4	0.35	1.15	3.78	-3.00		0.78	24.00	Pass
HE20	MCS0	2	105	6475	52/38	2.05	2.85	5.48	-3.00		2.48	24.00	Pass
HE20	MCS0	2	105	6475	106/53	4.95	5.75	8.38	-3.00		5.38	24.00	Pass
HE20	MCS0	2	113	6515	Full	8.95	9.75	12.38	-3.00		9.38	24.00	Pass
HE20	MCS0	2	113	6515	26/8	-0.35	-0.35	2.66	-3.00		-0.34	24.00	Pass
HE20	MCS0	2	113	6515	52/40	1.95	2.45	5.22	-3.00		2.22	24.00	Pass
HE20	MCS0	2	113	6515	106/54	5.05	5.55	8.32	-3.00		5.32	24.00	Pass
HE40	MCS0	2	099	6445	Full	12.05	11.85	14.96	-3.00		11.96	24.00	Pass
HE40	MCS0	2	107	6485	Full	12.35	12.05	15.21	-3.00		12.21	24.00	Pass
HE80	MCS0	2	103	6465	Full	14.75	15.15	17.96	-3.00		14.96	24.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE40	MCS0	2	115	6525	Full	12.45	11.85	15.17	-3.00		12.17	24.00	Pass
HE80	MCS0	2	119	6545	Full	15.35	14.35	17.89	-3.00		14.89	24.00	Pass
HE160	MCS0	2	111	6505	Full	18.15	17.55	20.87	-3.00		17.87	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
HE20	MCS0	2	117	6535	Full	9.90	9.50	12.71	-4.10		8.61	24.00	Pass
HE20	MCS0	2	117	6535	26/0	0.50	-0.20	3.17	-4.10		-0.93	24.00	Pass
HE20	MCS0	2	117	6535	52/37	2.80	2.80	5.81	-4.10		1.71	24.00	Pass
HE20	MCS0	2	117	6535	106/53	5.10	5.60	8.37	-4.10		4.27	24.00	Pass
HE20	MCS0	2	149	6695	Full	10.25	9.25	12.79	-4.10		8.69	24.00	Pass
HE20	MCS0	2	149	6695	26/4	1.55	0.75	4.18	-4.10		0.08	24.00	Pass
HE20	MCS0	2	149	6695	52/38	3.15	2.65	5.92	-4.10		1.82	24.00	Pass
HE20	MCS0	2	149	6695	106/53	5.75	5.35	8.56	-4.10		4.46	24.00	Pass
HE20	MCS0	2	181	6855	Full	9.80	9.90	12.86	-4.10		8.76	24.00	Pass
HE20	MCS0	2	181	6855	26/8	-0.10	0.20	3.06	-4.10		-1.04	24.00	Pass
HE20	MCS0	2	181	6855	52/40	2.60	3.30	5.97	-4.10		1.87	24.00	Pass
HE20	MCS0	2	181	6855	106/54	5.40	5.80	8.61	-4.10		4.51	24.00	Pass
HE40	MCS0	2	123	6565	Full	13.60	11.50	15.69	-4.10		11.59	24.00	Pass
HE40	MCS0	2	147	6685	Full	13.65	11.35	15.66	-4.10		11.56	24.00	Pass
HE40	MCS0	2	179	6845	Full	13.40	11.80	15.68	-4.10		11.58	24.00	Pass
HE80	MCS0	2	135	6625	Full	15.90	14.80	18.40	-4.10		14.30	24.00	Pass
HE80	MCS0	2	151	6705	Full	16.05	14.65	18.42	-4.10		14.32	24.00	Pass
HE80	MCS0	2	167	6785	Full	16.00	14.90	18.50	-4.10		14.40	24.00	Pass
HE160	MCS0	2	143	6665	Full	19.60	17.50	21.69	-4.10		17.59	24.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
HE20	MCS0	2	185	6875	Full	10.25	10.15	13.21	-4.10		9.11	24.00	Pass
HE20	MCS0	2	185	6875	26/8	0.15	0.55	3.36	-4.10		-0.74	24.00	Pass
HE20	MCS0	2	185	6875	52/40	3.05	3.65	6.37	-4.10		2.27	24.00	Pass
HE20	MCS0	2	185	6875	106/54	4.95	5.45	8.22	-4.10		4.12	24.00	Pass
HE40	MCS0	2	187	6885	Full	13.65	12.45	16.10	-4.10		12.00	24.00	Pass
HE80	MCS0	2	183	6865	Full	16.25	14.95	18.66	-4.10		14.56	24.00	Pass
HE160	MCS0	2	175	6825	Full	19.05	17.65	21.42	-4.10		17.32	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
HE20	MCS0	2	209	6995	Full	9.35	8.25	11.85	-2.40		9.45	24.00	Pass
HE20	MCS0	2	209	6995	26/4	0.45	-0.55	2.99	-2.40		0.59	24.00	Pass
HE20	MCS0	2	209	6995	52/38	2.15	1.15	4.69	-2.40		2.29	24.00	Pass
HE20	MCS0	2	209	6995	106/53	5.55	4.85	8.22	-2.40		5.82	24.00	Pass
HE20	MCS0	2	229	7095	Full	9.75	8.15	12.03	-2.40		9.63	24.00	Pass
HE20	MCS0	2	229	7095	26/8	-0.55	-1.55	1.99	-2.40		-0.41	24.00	Pass
HE20	MCS0	2	229	7095	52/40	2.15	1.15	4.69	-2.40		2.29	24.00	Pass
HE20	MCS0	2	229	7095	106/54	5.15	4.85	8.01	-2.40		5.61	24.00	Pass
HE40	MCS0	2	195	6925	Full	12.45	10.45	14.57	-2.40		12.17	24.00	Pass
HE40	MCS0	2	211	7005	Full	12.25	10.35	14.41	-2.40		12.01	24.00	Pass
HE40	MCS0	2	227	7085	Full	12.15	9.85	14.16	-2.40		11.76	24.00	Pass
HE80	MCS0	2	199	6945	Full	14.75	13.65	17.25	-2.40		14.85	24.00	Pass
HE80	MCS0	2	215	7025	Full	14.75	13.55	17.20	-2.40		14.80	24.00	Pass
HE160	MCS0	2	207	6985	Full	17.45	16.35	19.95	-2.40		17.55	24.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	001	5955	Full	19.18	19.18	22.14	21.78	320.00	Pass
EHT20	MCS0	2	049	6195	Full	19.13	19.18	21.90	21.78	320.00	Pass
EHT20	MCS0	2	093	6415	Full	19.23	19.13	22.08	21.78	320.00	Pass
EHT40	MCS0	2	003	5965	Full	37.96	37.86	40.20	40.32	320.00	Pass
EHT40	MCS0	2	051	6205	Full	37.86	37.86	40.08	39.72	320.00	Pass
EHT40	MCS0	2	091	6405	Full	37.96	37.86	40.44	40.08	320.00	Pass
EHT80	MCS0	2	007	5985	Full	77.32	77.32	82.32	82.32	320.00	Pass
EHT80	MCS0	2	055	6225	Full	77.32	77.08	82.32	82.32	320.00	Pass
EHT80	MCS0	2	087	6385	Full	77.32	77.20	82.08	82.56	320.00	Pass
EHT160	MCS0	2	015	6025	Full	157.28	157.52	168.48	203.04	320.00	Pass
EHT160	MCS0	2	047	6185	Full	157.52	157.28	256.80	262.56	320.00	Pass
EHT160	MCS0	2	079	6345	Full	157.28	157.52	246.72	198.72	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	001	5955	Full	9.85	9.45	12.66	-3.40		9.26	24.00	Pass
EHT20	MCS0	2	001	5955	26/0	0.15	-0.45	2.87	-3.40		-0.53	24.00	Pass
EHT20	MCS0	2	001	5955	52/37	2.95	2.45	5.72	-3.40		2.32	24.00	Pass
EHT20	MCS0	2	001	5955	106/53	5.95	5.55	8.76	-3.40		5.36	24.00	Pass
EHT20	MCS0	2	001	5955	52T+26T/70	4.45	4.15	7.31	-3.40		3.91	24.00	Pass
EHT20	MCS0	2	001	5955	106T+26T/82	7.15	7.05	10.11	-3.40		6.71	24.00	Pass
EHT20	MCS0	2	049	6195	Full	9.00	9.90	12.48	-3.40		9.08	24.00	Pass
EHT20	MCS0	2	049	6195	26/4	0.50	0.90	3.71	-3.40		0.31	24.00	Pass
EHT20	MCS0	2	049	6195	52/38	2.30	3.10	5.73	-3.40		2.33	24.00	Pass
EHT20	MCS0	2	049	6195	106/53	4.60	5.60	8.14	-3.40		4.74	24.00	Pass
EHT20	MCS0	2	049	6195	52T+26T/71	3.80	5.00	7.45	-3.40		4.05	24.00	Pass
EHT20	MCS0	2	049	6195	106T+26T/83	5.80	7.00	9.45	-3.40		6.05	24.00	Pass
EHT20	MCS0	2	093	6415	Full	9.05	9.95	12.53	-3.40		9.13	24.00	Pass
EHT20	MCS0	2	093	6415	26/8	-0.75	-0.05	2.62	-3.40		-0.78	24.00	Pass
EHT20	MCS0	2	093	6415	52/40	2.05	2.55	5.32	-3.40		1.92	24.00	Pass
EHT20	MCS0	2	093	6415	106/54	5.15	5.95	8.58	-3.40		5.18	24.00	Pass
EHT20	MCS0	2	093	6415	52T+26T/72	3.05	3.75	6.42	-3.40		3.02	24.00	Pass
EHT20	MCS0	2	093	6415	106T+26T/83	5.75	6.95	9.40	-3.40		6.00	24.00	Pass
EHT40	MCS0	2	003	5965	Full	12.65	11.95	15.32	-3.40		11.92	24.00	Pass
EHT40	MCS0	2	051	6205	Full	11.90	12.30	15.11	-3.40		11.71	24.00	Pass
EHT40	MCS0	2	091	6405	Full	11.95	12.25	15.11	-3.40		11.71	24.00	Pass
EHT80	MCS0	2	007	5985	Full	15.45	15.25	18.36	-3.40		14.96	24.00	Pass
EHT80	MCS0	2	007	5985	Puncture 20/8	14.15	14.05	17.11	-3.40		13.71	24.00	Pass
EHT80	MCS0	2	055	6225	Full	14.30	15.20	17.78	-3.40		14.38	24.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/4	13.20	13.80	16.52	-3.40		13.12	24.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/2	13.10	13.70	16.42	-3.40		13.02	24.00	Pass
EHT80	MCS0	2	087	6385	Full	15.05	15.35	18.21	-3.40		14.81	24.00	Pass
EHT80	MCS0	2	087	6385	Puncture 20/1	13.05	13.75	16.42	-3.40		13.02	24.00	Pass
EHT160	MCS0	2	015	6025	Full	18.15	17.65	20.92	-3.40		17.52	24.00	Pass
EHT160	MCS0	2	015	6025	Puncture 40/192	17.05	16.75	19.91	-3.40		16.51	24.00	Pass
EHT160	MCS0	2	015	6025	Puncture 20/128	17.55	17.25	20.41	-3.40		17.01	24.00	Pass
EHT160	MCS0	2	047	6185	Full	17.70	18.00	20.86	-3.40		17.46	24.00	Pass
EHT160	MCS0	2	047	6185	Puncture 40/48	16.40	16.60	19.51	-3.40		16.11	24.00	Pass
EHT160	MCS0	2	047	6185	Puncture 20/16	17.30	17.40	20.36	-3.40		16.96	24.00	Pass
EHT160	MCS0	2	079	6345	Full	17.85	18.25	21.06	-3.40		17.66	24.00	Pass
EHT160	MCS0	2	079	6345	Puncture 40/3	16.55	17.25	19.92	-3.40		16.52	24.00	Pass
EHT160	MCS0	2	079	6345	Puncture 20/1	17.35	17.75	20.56	-3.40		17.16	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	001	5955	Full	0.18	0.18			0.27	-1.42		-1.15	-1.00	Pass
EHT20	MCS0	2	001	5955	26/0	0.48	0.44			0.12	-1.42		-1.30	-1.00	Pass
EHT20	MCS0	2	001	5955	52/37	0.53	0.53			0.00	-1.42		-1.42	-1.00	Pass
EHT20	MCS0	2	001	5955	106/53	0.59	0.53			-0.19	-1.42		-1.61	-1.00	Pass
EHT20	MCS0	2	001	5955	52T+26T/70	0.24	0.24			-0.01	-1.42		-1.43	-1.00	Pass
EHT20	MCS0	2	001	5955	106T+26T/82	0.40	0.40			0.15	-1.42		-1.27	-1.00	Pass
EHT20	MCS0	2	049	6195	Full	0.18	0.18			0.14	-1.42		-1.28	-1.00	Pass
EHT20	MCS0	2	049	6195	26/4	0.48	0.44			-0.01	-1.42		-1.43	-1.00	Pass
EHT20	MCS0	2	049	6195	52/38	0.53	0.53			0.05	-1.42		-1.37	-1.00	Pass
EHT20	MCS0	2	049	6195	106/53	0.59	0.53			-0.84	-1.42		-2.26	-1.00	Pass
EHT20	MCS0	2	049	6195	52T+26T/71	0.24	0.24			0.06	-1.42		-1.36	-1.00	Pass
EHT20	MCS0	2	049	6195	106T+26T/83	0.40	0.40			-0.50	-1.42		-1.92	-1.00	Pass
EHT20	MCS0	2	093	6415	Full	0.18	0.18			0.18	-1.42		-1.24	-1.00	Pass
EHT20	MCS0	2	093	6415	26/8	0.48	0.44			-0.15	-1.42		-1.57	-1.00	Pass
EHT20	MCS0	2	093	6415	52/40	0.53	0.53			-0.25	-1.42		-1.67	-1.00	Pass
EHT20	MCS0	2	093	6415	106/54	0.59	0.53			0.14	-1.42		-1.28	-1.00	Pass
EHT20	MCS0	2	093	6415	52T+26T/72	0.24	0.24			-0.82	-1.42		-2.24	-1.00	Pass
EHT20	MCS0	2	093	6415	106T+26T/83	0.40	0.40			-0.32	-1.42		-1.74	-1.00	Pass
EHT40	MCS0	2	003	5965	Full	0.34	0.33			0.16	-1.42		-1.26	-1.00	Pass
EHT40	MCS0	2	051	6205	Full	0.34	0.33			0.11	-1.42		-1.31	-1.00	Pass
EHT40	MCS0	2	091	6405	Full	0.34	0.33			-0.11	-1.42		-1.53	-1.00	Pass
EHT80	MCS0	2	007	5985	Full	0.43	0.43			0.32	-1.42		-1.10	-1.00	Pass
EHT80	MCS0	2	007	5985	Puncture 20/8	0.32	0.32			0.16	-1.42		-1.26	-1.00	Pass
EHT80	MCS0	2	055	6225	Full	0.43	0.43			0.08	-1.42		-1.34	-1.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/4	0.32	0.32			-0.12	-1.42		-1.54	-1.00	Pass
EHT80	MCS0	2	055	6225	Puncture 20/2	0.32	0.32			-0.07	-1.42		-1.49	-1.00	Pass
EHT80	MCS0	2	087	6385	Full	0.43	0.43			0.09	-1.42		-1.33	-1.00	Pass
EHT80	MCS0	2	087	6385	Puncture 20/1	0.32	0.32			-0.24	-1.42		-1.66	-1.00	Pass
EHT160	MCS0	2	015	6025	Full	0.57	0.64			0.40	-1.42		-1.02	-1.00	Pass
EHT160	MCS0	2	015	6025	Puncture 40/192	0.49	0.49			0.15	-1.42		-1.27	-1.00	Pass
EHT160	MCS0	2	015	6025	Puncture 20/128	0.57	0.57			0.07	-1.42		-1.35	-1.00	Pass
EHT160	MCS0	2	047	6185	Full	0.57	0.64			0.25	-1.42		-1.17	-1.00	Pass
EHT160	MCS0	2	047	6185	Puncture 40/48	0.49	0.49		-0.18	-1.42		-1.60	-1.00	Pass	
EHT160	MCS0	2	047	6185	Puncture 20/16	0.57	0.57		-0.22	-1.42		-1.64	-1.00	Pass	
EHT160	MCS0	2	079	6345	Full	0.57	0.64		0.30	-1.42		-1.12	-1.00	Pass	
EHT160	MCS0	2	079	6345	Puncture 40/3	0.49	0.49		0.27	-1.42		-1.15	-1.00	Pass	
EHT160	MCS0	2	079	6345	Puncture 20/1	0.57	0.57		0.09	-1.42		-1.33	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	097	6435	Full	19.23	19.18	22.02	21.84	320.00	Pass
EHT20	MCS0	2	105	6475	Full	19.18	19.13	21.96	21.90	320.00	Pass
EHT20	MCS0	2	113	6515	Full	19.23	19.18	22.14	21.72	320.00	Pass
EHT40	MCS0	2	099	6445	Full	37.96	37.86	40.44	40.20	320.00	Pass
EHT40	MCS0	2	107	6485	Full	37.96	37.96	40.32	40.08	320.00	Pass
EHT80	MCS0	2	103	6465	Full	77.32	77.20	82.32	82.56	320.00	Pass

U-NII-6 straddle channel MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT40	MCS0	2	115	6525	Full	37.86	37.86	40.20	39.96	320.00	Pass
EHT80	MCS0	2	119	6545	Full	77.32	77.32	82.32	82.08	320.00	Pass
EHT160	MCS0	2	111	6505	Full	157.52	157.76	169.44	264.00	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	097	6435	Full	8.65	9.95	12.36	-3.00		9.36	24.00	Pass
EHT20	MCS0	2	097	6435	26/0	-0.85	0.45	2.86	-3.00		-0.14	24.00	Pass
EHT20	MCS0	2	097	6435	52/37	1.85	3.35	5.67	-3.00		2.67	24.00	Pass
EHT20	MCS0	2	097	6435	106/53	4.85	6.35	8.67	-3.00		5.67	24.00	Pass
EHT20	MCS0	2	097	6435	52T+26T/70	3.55	4.75	7.20	-3.00		4.20	24.00	Pass
EHT20	MCS0	2	097	6435	106T+26T/82	5.95	7.55	9.83	-3.00		6.83	24.00	Pass
EHT20	MCS0	2	105	6475	Full	9.05	9.95	12.53	-3.00		9.53	24.00	Pass
EHT20	MCS0	2	105	6475	26/4	0.45	1.25	3.88	-3.00		0.88	24.00	Pass
EHT20	MCS0	2	105	6475	52/38	2.15	2.95	5.58	-3.00		2.58	24.00	Pass
EHT20	MCS0	2	105	6475	106/53	5.05	5.85	8.48	-3.00		5.48	24.00	Pass
EHT20	MCS0	2	105	6475	52T+26T/71	3.75	4.75	7.29	-3.00		4.29	24.00	Pass
EHT20	MCS0	2	105	6475	106T+26T/83	5.85	7.25	9.62	-3.00		6.62	24.00	Pass
EHT20	MCS0	2	113	6515	Full	9.05	9.85	12.48	-3.00		9.48	24.00	Pass
EHT20	MCS0	2	113	6515	26/8	-0.25	-0.25	2.76	-3.00		-0.24	24.00	Pass
EHT20	MCS0	2	113	6515	52/40	2.05	2.55	5.32	-3.00		2.32	24.00	Pass
EHT20	MCS0	2	113	6515	106/54	5.15	5.65	8.42	-3.00		5.42	24.00	Pass
EHT20	MCS0	2	113	6515	52T+26T/72	4.15	4.55	7.36	-3.00		4.36	24.00	Pass
EHT20	MCS0	2	113	6515	106T+26T/83	6.35	7.25	9.83	-3.00		6.83	24.00	Pass
EHT40	MCS0	2	099	6445	Full	12.15	11.95	15.06	-3.00		12.06	24.00	Pass
EHT40	MCS0	2	107	6485	Full	12.45	12.15	15.31	-3.00		12.31	24.00	Pass
EHT80	MCS0	2	103	6465	Full	14.85	15.25	18.06	-3.00		15.06	24.00	Pass
EHT80	MCS0	2	103	6465	Puncture 20/8	13.85	14.05	16.96	-3.00		13.96	24.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT40	MCS0	2	115	6525	Full	12.55	11.95	15.27	-3.00		12.27	24.00	Pass
EHT80	MCS0	2	119	6545	Full	15.45	14.45	17.99	-3.00		14.99	24.00	Pass
EHT80	MCS0	2	119	6545	Puncture 20/8	14.45	13.25	16.90	-3.00		13.90	24.00	Pass
EHT160	MCS0	2	111	6505	Full	18.25	17.65	20.97	-3.00		17.97	24.00	Pass
EHT160	MCS0	2	111	6505	Puncture 40/3	17.25	16.55	19.92	-3.00		16.92	24.00	Pass
EHT160	MCS0	2	111	6505	Puncture 20/1	17.45	16.95	20.22	-3.00		17.22	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT20	MCS0	2	097	6435	Full	0.18	0.18			0.15	-1.44		-1.30	-1.00	Pass
EHT20	MCS0	2	097	6435	26/0	0.48	0.44			0.08	-1.44		-1.36	-1.00	Pass
EHT20	MCS0	2	097	6435	52/37	0.53	0.53			0.00	-1.44		-1.44	-1.00	Pass
EHT20	MCS0	2	097	6435	106/53	0.59	0.53			-0.02	-1.44		-1.46	-1.00	Pass
EHT20	MCS0	2	097	6435	52T+26T/70	0.24	0.24			-0.24	-1.44		-1.68	-1.00	Pass
EHT20	MCS0	2	097	6435	106T+26T/82	0.40	0.40			0.03	-1.44		-1.41	-1.00	Pass
EHT20	MCS0	2	105	6475	Full	0.18	0.18			0.14	-1.44		-1.30	-1.00	Pass
EHT20	MCS0	2	105	6475	26/4	0.48	0.44			-0.20	-1.44		-1.65	-1.00	Pass
EHT20	MCS0	2	105	6475	52/38	0.53	0.53			0.08	-1.44		-1.37	-1.00	Pass
EHT20	MCS0	2	105	6475	106/53	0.59	0.53			-0.13	-1.44		-1.58	-1.00	Pass
EHT20	MCS0	2	105	6475	52T+26T/71	0.24	0.24			-0.23	-1.44		-1.67	-1.00	Pass
EHT20	MCS0	2	105	6475	106T+26T/83	0.40	0.40			-0.21	-1.44		-1.65	-1.00	Pass
EHT20	MCS0	2	113	6515	Full	0.18	0.18			0.24	-1.44		-1.20	-1.00	Pass
EHT20	MCS0	2	113	6515	26/8	0.48	0.44			0.19	-1.44		-1.26	-1.00	Pass
EHT20	MCS0	2	113	6515	52/40	0.53	0.53			-0.09	-1.44		-1.53	-1.00	Pass
EHT20	MCS0	2	113	6515	106/54	0.59	0.53			-0.08	-1.44		-1.52	-1.00	Pass
EHT20	MCS0	2	113	6515	52T+26T/72	0.24	0.24		-0.01	-1.44		-1.45	-1.00	Pass	
EHT20	MCS0	2	113	6515	106T+26T/83	0.40	0.40		-0.03	-1.44		-1.48	-1.00	Pass	
EHT40	MCS0	2	099	6445	Full	0.34	0.33		0.03	-1.44		-1.41	-1.00	Pass	
EHT40	MCS0	2	107	6485	Full	0.34	0.33		-0.02	-1.44		-1.47	-1.00	Pass	
EHT80	MCS0	2	103	6465	Full	0.43	0.43		0.21	-1.44		-1.23	-1.00	Pass	
EHT80	MCS0	2	103	6465	Puncture 20/8	0.32	0.32		0.12	-1.44		-1.32	-1.00	Pass	

U-NII-6 straddle channel MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	SUM		
EHT40	MCS0	2	115	6525	Full	0.34	0.33			0.07	-1.44		-1.37	-1.00	Pass
EHT80	MCS0	2	119	6545	Full	0.43	0.43			0.19	-1.44		-1.25	-1.00	Pass
EHT80	MCS0	2	119	6545	Puncture 20/8	0.32	0.32			0.03	-1.44		-1.41	-1.00	Pass
EHT160	MCS0	2	111	6505	Full	0.57	0.64			0.29	-1.44		-1.16	-1.00	Pass
EHT160	MCS0	2	111	6505	Puncture 40/3	0.49	0.49			0.23	-1.44		-1.22	-1.00	Pass
EHT160	MCS0	2	111	6505	Puncture 20/1	0.57	0.57			0.25	-1.44		-1.20	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	117	6535	Full	19.18	19.18	22.08	21.96	320.00	Pass
EHT20	MCS0	2	149	6695	Full	19.23	19.13	22.08	22.02	320.00	Pass
EHT20	MCS0	2	181	6855	Full	19.18	19.18	21.96	21.96	320.00	Pass
EHT40	MCS0	2	123	6565	Full	37.86	37.96	40.32	39.96	320.00	Pass
EHT40	MCS0	2	147	6685	Full	37.96	37.96	40.32	39.96	320.00	Pass
EHT40	MCS0	2	179	6845	Full	37.96	37.86	40.08	40.08	320.00	Pass
EHT80	MCS0	2	135	6625	Full	77.32	77.20	82.80	82.56	320.00	Pass
EHT80	MCS0	2	151	6705	Full	77.32	77.20	81.84	82.56	320.00	Pass
EHT80	MCS0	2	167	6785	Full	77.32	77.44	82.56	83.04	320.00	Pass
EHT160	MCS0	2	143	6665	Full	157.52	157.28	267.36	272.16	320.00	Pass

U-NII-7 straddle channel MIMO											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	185	6875	Full	19.13	19.23	21.96	21.96	320.00	Pass
EHT40	MCS0	2	187	6885	Full	37.86	37.86	40.32	39.84	320.00	Pass
EHT80	MCS0	2	183	6865	Full	77.20	77.32	82.32	82.56	320.00	Pass
EHT160	MCS0	2	175	6825	Full	157.52	157.52	201.60	260.64	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	117	6535	Full	10.00	9.60	12.81	-4.10		8.71	24.00	Pass
EHT20	MCS0	2	117	6535	26/0	0.60	-0.10	3.27	-4.10		-0.83	24.00	Pass
EHT20	MCS0	2	117	6535	52/37	2.90	2.90	5.91	-4.10		1.81	24.00	Pass
EHT20	MCS0	2	117	6535	106/53	5.20	5.70	8.47	-4.10		4.37	24.00	Pass
EHT20	MCS0	2	117	6535	52T+26T/70	4.50	4.30	7.41	-4.10		3.31	24.00	Pass
EHT20	MCS0	2	117	6535	106T+26T/82	7.50	7.20	10.36	-4.10		6.26	24.00	Pass
EHT20	MCS0	2	149	6695	Full	10.35	9.35	12.89	-4.10		8.79	24.00	Pass
EHT20	MCS0	2	149	6695	26/4	1.65	0.85	4.28	-4.10		0.18	24.00	Pass
EHT20	MCS0	2	149	6695	52/38	3.25	2.75	6.02	-4.10		1.92	24.00	Pass
EHT20	MCS0	2	149	6695	106/53	5.85	5.45	8.66	-4.10		4.56	24.00	Pass
EHT20	MCS0	2	149	6695	52T+26T/71	5.25	4.75	8.02	-4.10		3.92	24.00	Pass
EHT20	MCS0	2	149	6695	106T+26T/83	7.45	6.75	10.12	-4.10		6.02	24.00	Pass
EHT20	MCS0	2	181	6855	Full	9.90	10.00	12.96	-4.10		8.86	24.00	Pass
EHT20	MCS0	2	181	6855	26/8	0.00	0.30	3.16	-4.10		-0.94	24.00	Pass
EHT20	MCS0	2	181	6855	52/40	2.70	3.40	6.07	-4.10		1.97	24.00	Pass
EHT20	MCS0	2	181	6855	106/54	5.50	5.90	8.71	-4.10		4.61	24.00	Pass
EHT20	MCS0	2	181	6855	52T+26T/72	4.80	5.30	8.07	-4.10		3.97	24.00	Pass
EHT20	MCS0	2	181	6855	106T+26T/83	7.20	7.30	10.26	-4.10		6.16	24.00	Pass
EHT40	MCS0	2	123	6565	Full	13.70	11.60	15.79	-4.10		11.69	24.00	Pass
EHT40	MCS0	2	147	6685	Full	13.75	11.45	15.76	-4.10		11.66	24.00	Pass
EHT40	MCS0	2	179	6845	Full	13.50	11.90	15.78	-4.10		11.68	24.00	Pass
EHT80	MCS0	2	135	6625	Full	16.00	14.90	18.50	-4.10		14.40	24.00	Pass
EHT80	MCS0	2	135	6625	Puncture 20/8	15.00	13.70	17.41	-4.10		13.31	24.00	Pass
EHT80	MCS0	2	151	6705	Full	16.15	14.75	18.52	-4.10		14.42	24.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/4	15.15	13.45	17.39	-4.10		13.29	24.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/2	14.95	13.35	17.23	-4.10		13.13	24.00	Pass
EHT80	MCS0	2	167	6785	Full	16.10	15.00	18.60	-4.10		14.50	24.00	Pass
EHT80	MCS0	2	167	6785	Puncture 20/1	14.70	13.30	17.07	-4.10		12.97	24.00	Pass
EHT160	MCS0	2	143	6665	Full	19.70	17.60	21.79	-4.10		17.69	24.00	Pass
EHT160	MCS0	2	143	6665	Puncture 40/192	18.70	16.70	20.82	-4.10		16.72	24.00	Pass
EHT160	MCS0	2	143	6665	Puncture 20/128	19.00	17.00	21.12	-4.10		17.02	24.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	185	6875	Full	10.35	10.25	13.31	-4.10		9.21	24.00	Pass
EHT20	MCS0	2	185	6875	26/8	0.25	0.65	3.46	-4.10		-0.64	24.00	Pass
EHT20	MCS0	2	185	6875	52/40	3.15	3.75	6.47	-4.10		2.37	24.00	Pass
EHT20	MCS0	2	185	6875	106/54	5.05	5.55	8.32	-4.10		4.22	24.00	Pass
EHT20	MCS0	2	185	6875	52T+26T/72	4.95	5.15	8.06	-4.10		3.96	24.00	Pass
EHT20	MCS0	2	185	6875	106T+26T/83	7.95	7.65	10.81	-4.10		6.71	24.00	Pass
EHT40	MCS0	2	187	6885	Full	13.75	12.55	16.20	-4.10		12.10	24.00	Pass
EHT80	MCS0	2	183	6865	Full	16.35	15.05	18.76	-4.10		14.66	24.00	Pass
EHT80	MCS0	2	183	6865	Puncture 20/1	15.45	14.15	17.86	-4.10		13.76	24.00	Pass
EHT160	MCS0	2	175	6825	Full	19.15	17.75	21.52	-4.10		17.42	24.00	Pass
EHT160	MCS0	2	175	6825	Puncture 40/192	18.15	16.65	20.47	-4.10		16.37	24.00	Pass
EHT160	MCS0	2	175	6825	Puncture 20/128	18.55	17.05	20.87	-4.10		16.77	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	117	6535	Full	0.18	0.18			0.56	-2.03		-1.47	-1.00	Pass
EHT20	MCS0	2	117	6535	26/0	0.48	0.44			0.50	-2.03		-1.53	-1.00	Pass
EHT20	MCS0	2	117	6535	52/37	0.53	0.53			0.40	-2.03		-1.63	-1.00	Pass
EHT20	MCS0	2	117	6535	106/53	0.59	0.53			0.06	-2.03		-1.97	-1.00	Pass
EHT20	MCS0	2	117	6535	52T+26T/70	0.24	0.24			0.14	-2.03		-1.89	-1.00	Pass
EHT20	MCS0	2	117	6535	106T+26T/82	0.40	0.40			0.42	-2.03		-1.61	-1.00	Pass
EHT20	MCS0	2	149	6695	Full	0.18	0.18			0.45	-2.03		-1.58	-1.00	Pass
EHT20	MCS0	2	149	6695	26/4	0.48	0.44			0.37	-2.03		-1.66	-1.00	Pass
EHT20	MCS0	2	149	6695	52/38	0.53	0.53			0.38	-2.03		-1.65	-1.00	Pass
EHT20	MCS0	2	149	6695	106/53	0.59	0.53			-0.24	-2.03		-2.27	-1.00	Pass
EHT20	MCS0	2	149	6695	52T+26T/71	0.24	0.24			0.16	-2.03		-1.88	-1.00	Pass
EHT20	MCS0	2	149	6695	106T+26T/83	0.40	0.40			0.05	-2.03		-1.99	-1.00	Pass
EHT20	MCS0	2	181	6855	Full	0.18	0.18			0.52	-2.03		-1.52	-1.00	Pass
EHT20	MCS0	2	181	6855	26/8	0.48	0.44			0.31	-2.03		-1.72	-1.00	Pass
EHT20	MCS0	2	181	6855	52/40	0.53	0.53			0.48	-2.03		-1.55	-1.00	Pass
EHT20	MCS0	2	181	6855	106/54	0.59	0.53			-0.16	-2.03		-2.19	-1.00	Pass
EHT20	MCS0	2	181	6855	52T+26T/72	0.24	0.24			0.35	-2.03		-1.69	-1.00	Pass
EHT20	MCS0	2	181	6855	106T+26T/83	0.40	0.40			0.12	-2.03		-1.92	-1.00	Pass
EHT40	MCS0	2	123	6565	Full	0.34	0.33			0.60	-2.03		-1.43	-1.00	Pass
EHT40	MCS0	2	147	6685	Full	0.34	0.33			0.55	-2.03		-1.48	-1.00	Pass
EHT40	MCS0	2	179	6845	Full	0.34	0.33			0.49	-2.03		-1.55	-1.00	Pass
EHT80	MCS0	2	135	6625	Full	0.43	0.43			0.35	-2.03		-1.68	-1.00	Pass
EHT80	MCS0	2	135	6625	Puncture 20/8	0.32	0.32			0.13	-2.03		-1.91	-1.00	Pass
EHT80	MCS0	2	151	6705	Full	0.43	0.43			0.44	-2.03		-1.59	-1.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/4	0.32	0.32			0.22	-2.03		-1.81	-1.00	Pass
EHT80	MCS0	2	151	6705	Puncture 20/2	0.32	0.32			0.23	-2.03		-1.80	-1.00	Pass
EHT80	MCS0	2	167	6785	Full	0.43	0.43			0.63	-2.03		-1.40	-1.00	Pass
EHT80	MCS0	2	167	6785	Puncture 20/1	0.32	0.32			0.10	-2.03		-1.93	-1.00	Pass
EHT160	MCS0	2	143	6665	Full	0.57	0.64			0.70	-2.03		-1.34	-1.00	Pass
EHT160	MCS0	2	143	6665	Puncture 40/192	0.49	0.49			0.62	-2.03		-1.41	-1.00	Pass
EHT160	MCS0	2	143	6665	Puncture 20/128	0.57	0.57			0.59	-2.03		-1.44	-1.00	Pass

U-NII-7 straddle channel MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	185	6875	Full	0.18	0.18			0.62	-2.03		-1.41	-1.00	Pass
EHT20	MCS0	2	185	6875	26/8	0.48	0.44			0.22	-2.03		-1.81	-1.00	Pass
EHT20	MCS0	2	185	6875	52/40	0.53	0.53			0.50	-2.03		-1.53	-1.00	Pass
EHT20	MCS0	2	185	6875	106/54	0.59	0.53			-0.93	-2.03		-2.96	-1.00	Pass
EHT20	MCS0	2	185	6875	52T+26T/72	0.24	0.24			0.15	-2.03		-1.88	-1.00	Pass
EHT20	MCS0	2	185	6875	106T+26T/83	0.40	0.40			0.39	-2.03		-1.64	-1.00	Pass
EHT40	MCS0	2	187	6885	Full	0.34	0.33			0.83	-2.03		-1.21	-1.00	Pass
EHT80	MCS0	2	183	6865	Full	0.43	0.43			0.77	-2.03		-1.27	-1.00	Pass
EHT80	MCS0	2	183	6865	Puncture 20/1	0.32	0.32			0.68	-2.03		-1.36	-1.00	Pass
EHT160	MCS0	2	175	6825	Full	0.57	0.64			0.89	-2.03		-1.14	-1.00	Pass
EHT160	MCS0	2	175	6825	Puncture 40/192	0.49	0.49			0.56	-2.03		-1.48	-1.00	Pass
EHT160	MCS0	2	175	6825	Puncture 20/128	0.57	0.57			0.51	-2.03		-1.53	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	209	6995	Full	19.18	19.18	21.90	21.66	320.00	Pass
EHT20	MCS0	2	229	7095	Full	19.13	19.13	21.96	21.72	320.00	Pass
EHT40	MCS0	2	211	7005	Full	37.96	37.86	40.20	39.84	320.00	Pass
EHT40	MCS0	2	227	7085	Full	37.86	37.96	39.96	40.08	320.00	Pass
EHT80	MCS0	2	199	6945	Full	77.32	77.32	82.80	82.56	320.00	Pass
EHT80	MCS0	2	215	7025	Full	77.32	77.08	82.56	82.08	320.00	Pass
EHT160	MCS0	2	207	6985	Full	157.28	157.52	199.20	202.56	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	209	6995	Full	9.45	8.35	11.95	-2.40		9.55	24.00	Pass
EHT20	MCS0	2	209	6995	26/4	0.55	-0.45	3.09	-2.40		0.69	24.00	Pass
EHT20	MCS0	2	209	6995	52/38	2.25	1.25	4.79	-2.40		2.39	24.00	Pass
EHT20	MCS0	2	209	6995	106/53	5.65	4.95	8.32	-2.40		5.92	24.00	Pass
EHT20	MCS0	2	209	6995	52T+26T/71	4.55	3.05	6.87	-2.40		4.47	24.00	Pass
EHT20	MCS0	2	209	6995	106T+26T/83	6.75	5.35	9.12	-2.40		6.72	24.00	Pass
EHT20	MCS0	2	229	7095	Full	9.85	8.25	12.13	-2.40		9.73	24.00	Pass
EHT20	MCS0	2	229	7095	26/8	-0.45	-1.45	2.09	-2.40		-0.31	24.00	Pass
EHT20	MCS0	2	229	7095	52/40	2.25	1.25	4.79	-2.40		2.39	24.00	Pass
EHT20	MCS0	2	229	7095	106/54	5.25	4.95	8.11	-2.40		5.71	24.00	Pass
EHT20	MCS0	2	229	7095	52T+26T/72	4.65	3.25	7.02	-2.40		4.62	24.00	Pass
EHT20	MCS0	2	229	7095	106T+26T/83	7.35	5.75	9.63	-2.40		7.23	24.00	Pass
EHT40	MCS0	2	195	6925	Full	12.55	10.55	14.67	-2.40		12.27	24.00	Pass
EHT40	MCS0	2	211	7005	Full	12.35	10.45	14.51	-2.40		12.11	24.00	Pass
EHT40	MCS0	2	227	7085	Full	12.25	9.95	14.26	-2.40		11.86	24.00	Pass
EHT80	MCS0	2	199	6945	Full	14.85	13.75	17.35	-2.40		14.95	24.00	Pass
EHT80	MCS0	2	199	6945	Puncture 20/8	13.55	12.45	16.05	-2.40		13.65	24.00	Pass
EHT80	MCS0	2	215	7025	Full	14.85	13.65	17.30	-2.40		14.90	24.00	Pass
EHT80	MCS0	2	215	7025	Puncture 20/1	13.15	12.15	15.69	-2.40		13.29	24.00	Pass
EHT160	MCS0	2	207	6985	Full	17.55	16.45	20.05	-2.40		17.65	24.00	Pass
EHT160	MCS0	2	207	6985	Puncture 40/3	16.25	15.35	18.83	-2.40		16.43	24.00	Pass
EHT160	MCS0	2	207	6985	Puncture 20/1	17.05	15.85	19.50	-2.40		17.10	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4			
EHT20	MCS0	2	209	6995	Full	0.18	0.18			-0.71	-0.64		-1.34	-1.00	Pass
EHT20	MCS0	2	209	6995	26/4	0.48	0.44			-0.84	-0.64		-1.47	-1.00	Pass
EHT20	MCS0	2	209	6995	52/38	0.53	0.53			-1.17	-0.64		-1.80	-1.00	Pass
EHT20	MCS0	2	209	6995	106/53	0.59	0.53			-0.74	-0.64		-1.37	-1.00	Pass
EHT20	MCS0	2	209	6995	52T+26T/71	0.24	0.24			-0.88	-0.64		-1.51	-1.00	Pass
EHT20	MCS0	2	209	6995	106T+26T/83	0.40	0.40			-0.85	-0.64		-1.48	-1.00	Pass
EHT20	MCS0	2	229	7095	Full	0.18	0.18			-0.86	-0.64		-1.50	-1.00	Pass
EHT20	MCS0	2	229	7095	26/8	0.48	0.44			-1.13	-0.64		-1.77	-1.00	Pass
EHT20	MCS0	2	229	7095	52/40	0.53	0.53			-1.37	-0.64		-2.01	-1.00	Pass
EHT20	MCS0	2	229	7095	106/54	0.59	0.53			-1.26	-0.64		-1.90	-1.00	Pass
EHT20	MCS0	2	229	7095	52T+26T/72	0.24	0.24			-1.09	-0.64		-1.73	-1.00	Pass
EHT20	MCS0	2	229	7095	106T+26T/83	0.40	0.40			-1.28	-0.64		-1.91	-1.00	Pass
EHT40	MCS0	2	195	6925	Full	0.34	0.33			-0.76	-0.64		-1.40	-1.00	Pass
EHT40	MCS0	2	211	7005	Full	0.34	0.33			-0.74	-0.64		-1.38	-1.00	Pass
EHT40	MCS0	2	227	7085	Full	0.34	0.33			-1.00	-0.64		-1.63	-1.00	Pass
EHT80	MCS0	2	199	6945	Full	0.43	0.43			-0.88	-0.64		-1.51	-1.00	Pass
EHT80	MCS0	2	199	6945	Puncture 20/8	0.32	0.32		-1.12	-0.64		-1.76	-1.00	Pass	
EHT80	MCS0	2	215	7025	Full	0.43	0.43		-0.79	-0.64		-1.42	-1.00	Pass	
EHT80	MCS0	2	215	7025	Puncture 20/1	0.32	0.32		-1.03	-0.64		-1.67	-1.00	Pass	
EHT160	MCS0	2	207	6985	Full	0.57	0.64		-0.64	-0.64		-1.28	-1.00	Pass	
EHT160	MCS0	2	207	6985	Puncture 40/3	0.49	0.49		-0.90	-0.64		-1.53	-1.00	Pass	
EHT160	MCS0	2	207	6985	Puncture 20/1	0.57	0.57		-0.90	-0.64		-1.53	-1.00	Pass	



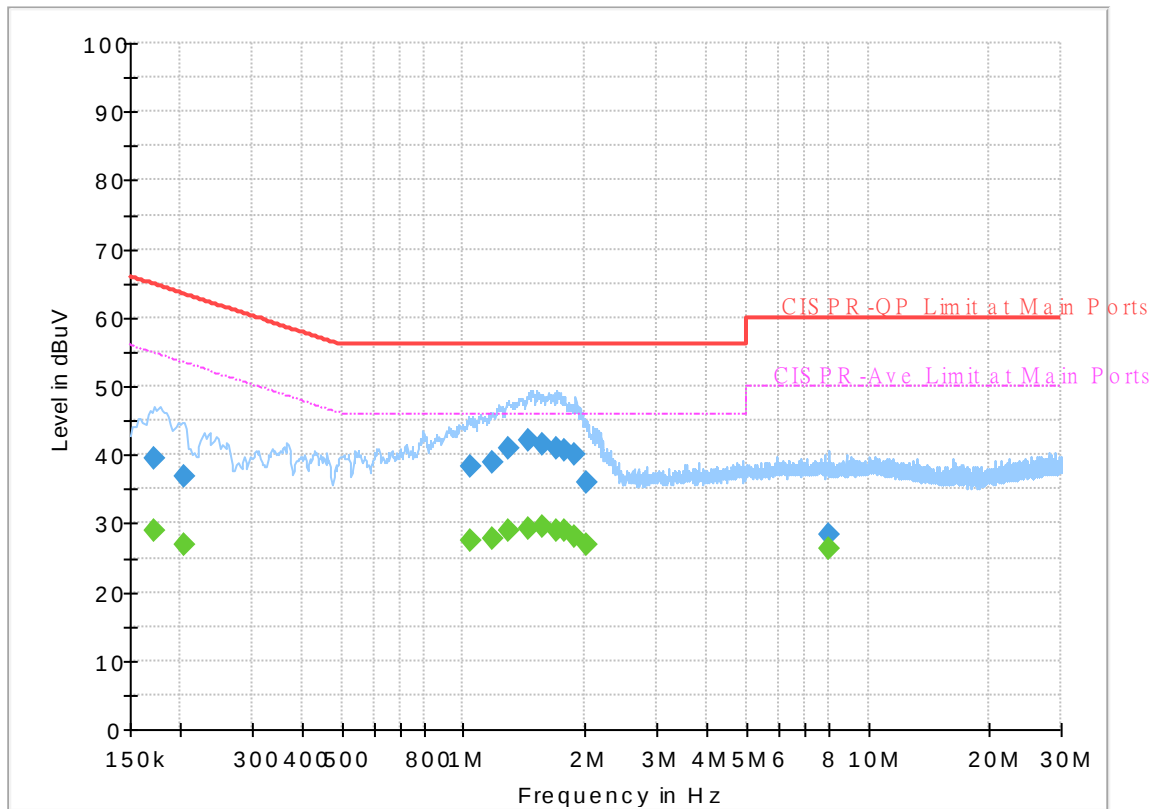
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 2D0208-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

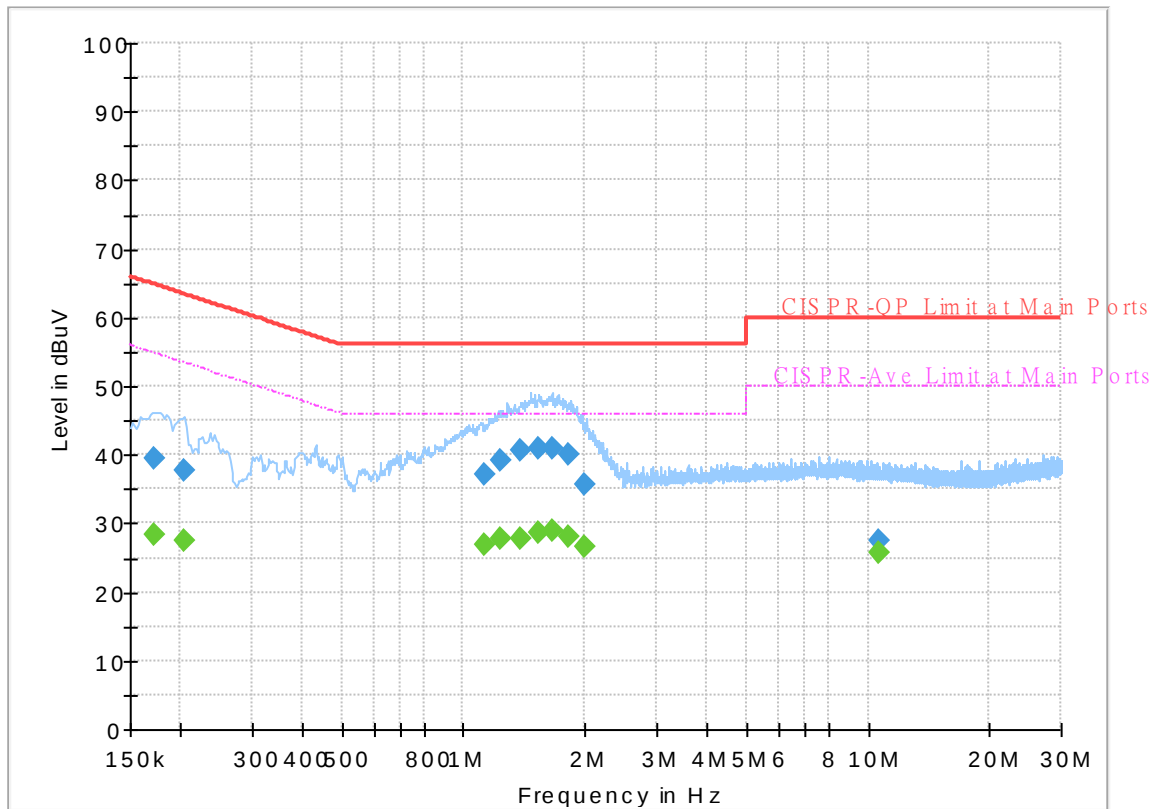
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	28.99	54.84	25.85	L1	OFF	19.9
0.172500	39.47	---	64.84	25.37	L1	OFF	19.9
0.204000	---	26.81	53.45	26.64	L1	OFF	19.9
0.204000	36.84	---	63.45	26.61	L1	OFF	19.9
1.041000	---	27.40	46.00	18.60	L1	OFF	19.9
1.041000	38.21	---	56.00	17.79	L1	OFF	19.9
1.176000	---	27.72	46.00	18.28	L1	OFF	19.9
1.176000	38.82	---	56.00	17.18	L1	OFF	19.9
1.290750	---	28.96	46.00	17.04	L1	OFF	19.9
1.290750	40.95	---	56.00	15.05	L1	OFF	19.9
1.443750	---	29.23	46.00	16.77	L1	OFF	19.9
1.443750	42.08	---	56.00	13.92	L1	OFF	19.9
1.567500	---	29.39	46.00	16.61	L1	OFF	19.9
1.567500	41.48	---	56.00	14.52	L1	OFF	19.9
1.695750	---	29.04	46.00	16.96	L1	OFF	19.9
1.695750	40.80	---	56.00	15.20	L1	OFF	19.9
1.785750	---	28.99	46.00	17.01	L1	OFF	19.9
1.785750	40.74	---	56.00	15.26	L1	OFF	19.9
1.889250	---	28.06	46.00	17.94	L1	OFF	19.9
1.889250	39.96	---	56.00	16.04	L1	OFF	19.9
2.024250	---	26.85	46.00	19.15	L1	OFF	19.9

2.024250	35.96	---	56.00	20.04	L1	OFF	19.9
7.984500	---	26.21	50.00	23.79	L1	OFF	20.2
7.984500	28.38	---	60.00	31.62	L1	OFF	20.2

EUT Information

Report NO : 2D0208-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	28.48	54.84	26.36	N	OFF	19.9
0.172500	39.36	---	64.84	25.48	N	OFF	19.9
0.204000	---	27.40	53.45	26.05	N	OFF	19.9
0.204000	37.80	---	63.45	25.65	N	OFF	19.9
1.124250	---	26.81	46.00	19.19	N	OFF	19.9
1.124250	37.14	---	56.00	18.86	N	OFF	19.9
1.227750	---	27.72	46.00	18.28	N	OFF	19.9
1.227750	39.20	---	56.00	16.80	N	OFF	19.9
1.378500	---	27.66	46.00	18.34	N	OFF	19.9
1.378500	40.50	---	56.00	15.50	N	OFF	19.9
1.527000	---	28.70	46.00	17.30	N	OFF	19.9
1.527000	41.02	---	56.00	14.98	N	OFF	19.9
1.653000	---	28.97	46.00	17.03	N	OFF	19.9
1.653000	41.08	---	56.00	14.92	N	OFF	19.9
1.812750	---	27.99	46.00	18.01	N	OFF	19.9
1.812750	40.07	---	56.00	15.93	N	OFF	19.9
1.981500	---	26.48	46.00	19.52	N	OFF	19.9
1.981500	35.70	---	56.00	20.30	N	OFF	19.9
10.599000	---	25.74	50.00	24.26	N	OFF	20.3
10.599000	27.46	---	60.00	32.54	N	OFF	20.3