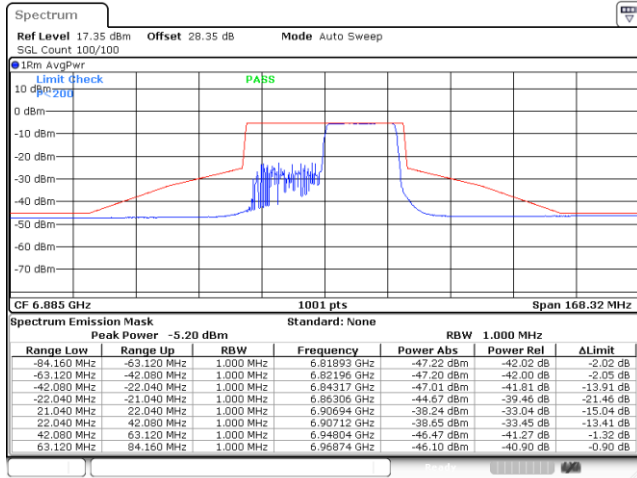


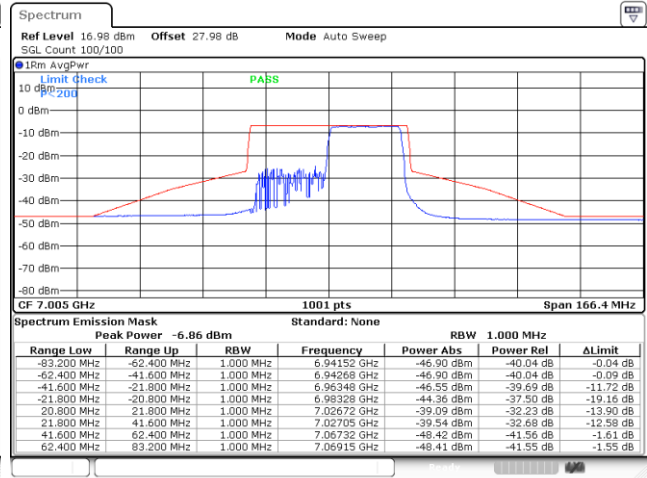


Plot on Channel 6885 MHz



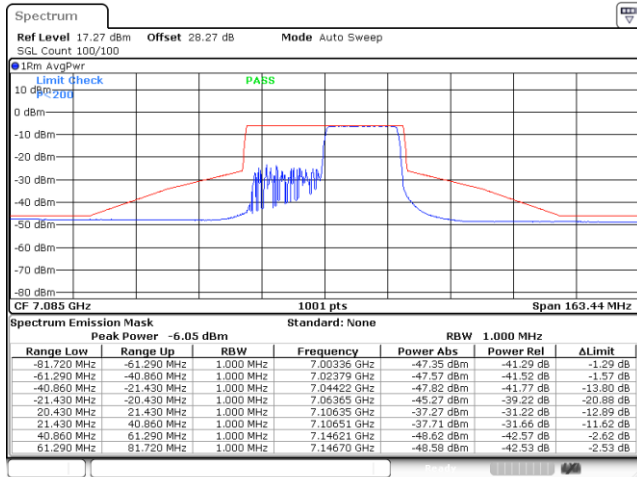
Date: 22.SEP.2023 15:25:57

Plot on Channel 7005 MHz



Date: 22.SEP.2023 15:42:32

Plot on Channel 7085 MHz



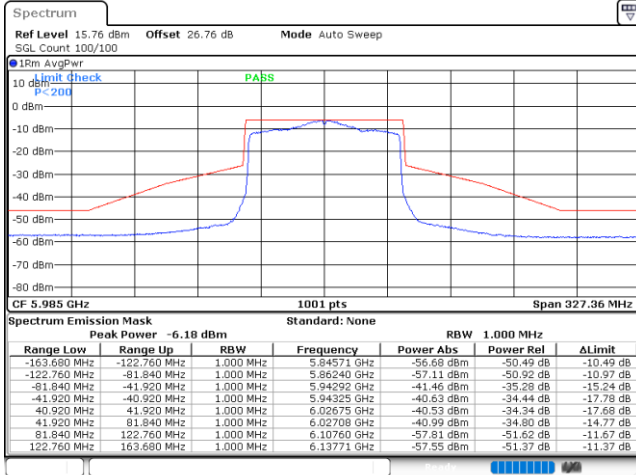
Date: 22.SEP.2023 15:47:53



EUT Mode

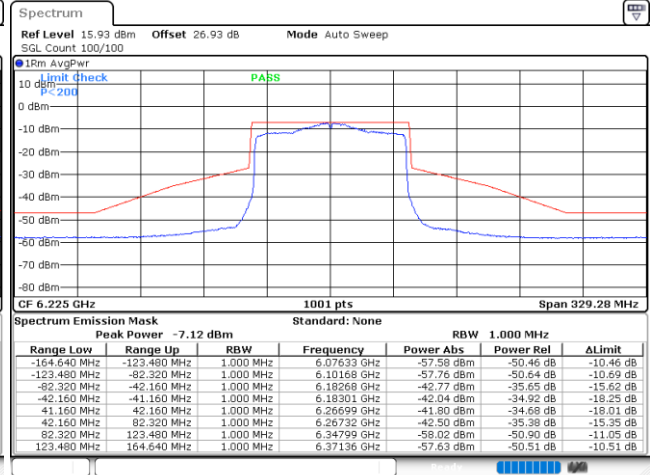
802.11ax HE80 Full RU

Plot on Channel 5985 MHz



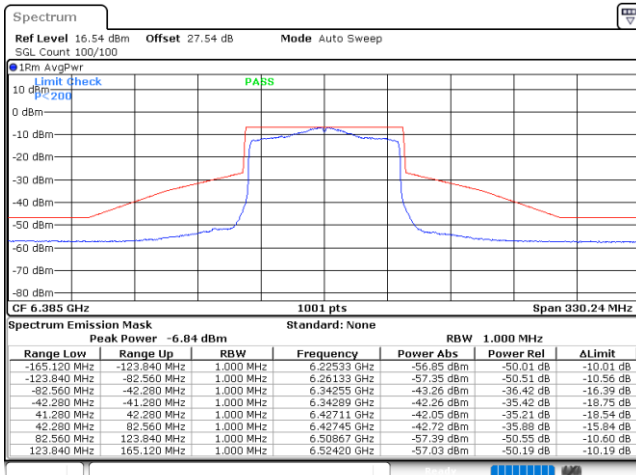
Date: 15.AUG.2023 14:38:18

Plot on Channel 6225 MHz



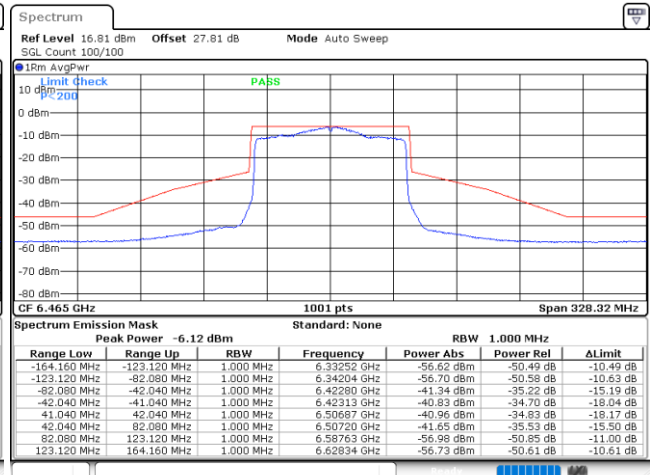
Date: 15.AUG.2023 14:41:43

Plot on Channel 6385 MHz



Date: 15.AUG.2023 14:49:34

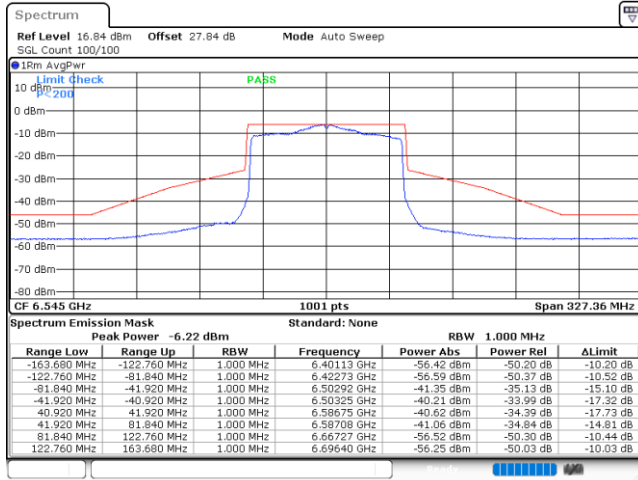
Plot on Channel 6465 MHz



Date: 15.AUG.2023 14:54:32

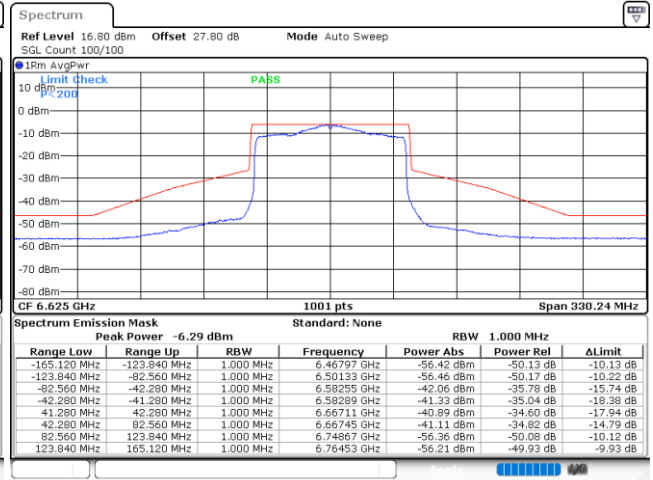


Plot on Channel 6545 MHz



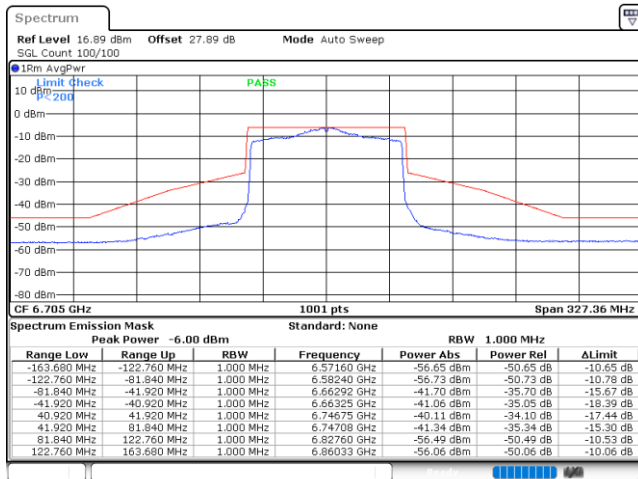
Date: 15.AUG.2023 15:01:10

Plot on Channel 6625 MHz



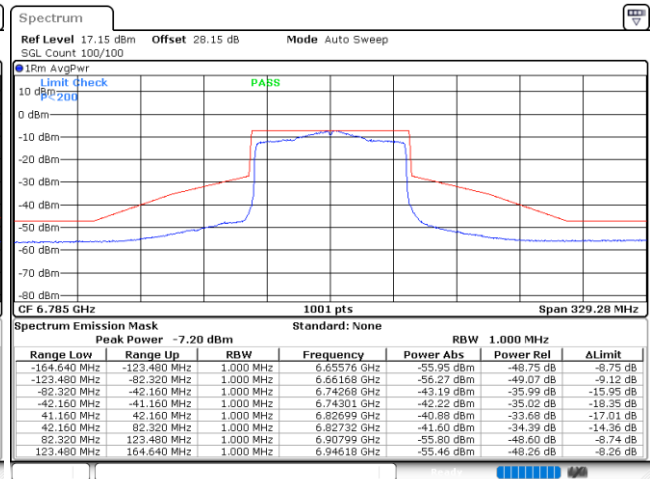
Date: 15.AUG.2023 15:05:33

Plot on Channel 6705 MHz



Date: 15.AUG.2023 15:28:23

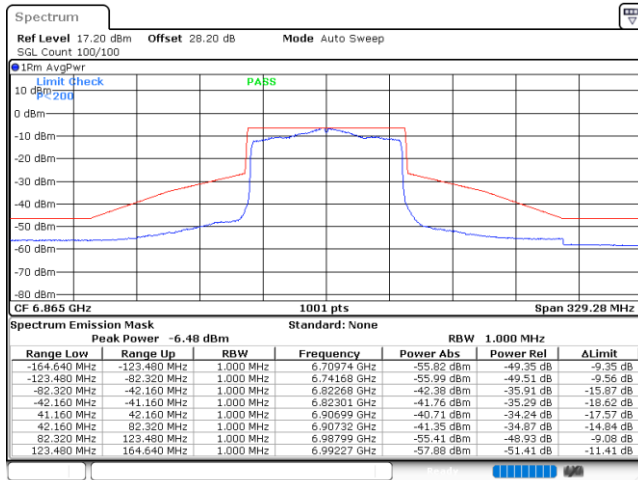
Plot on Channel 6785 MHz



Date: 15.AUG.2023 15:33:40

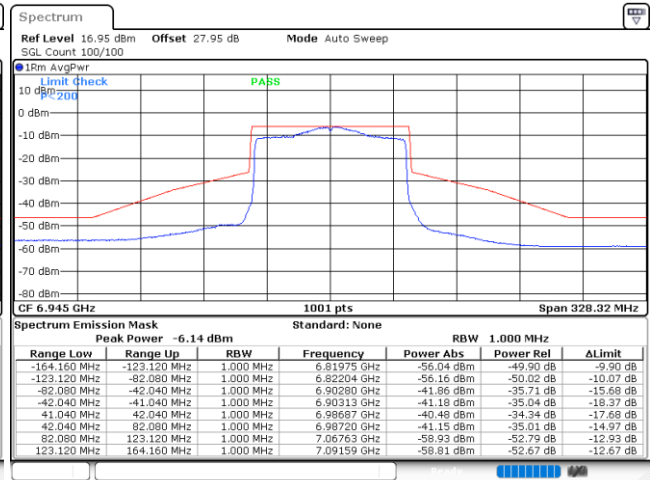


Plot on Channel 6865 MHz



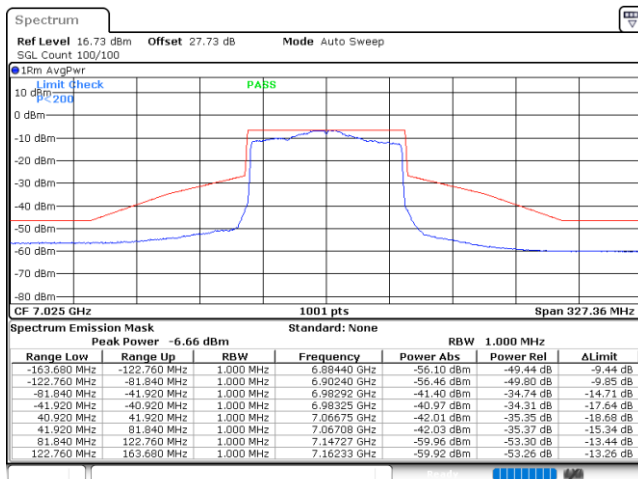
Date: 15.AUG.2023 15:38:53

Plot on Channel 6945 MHz



Date: 15.AUG.2023 15:41:53

Plot on Channel 7025 MHz



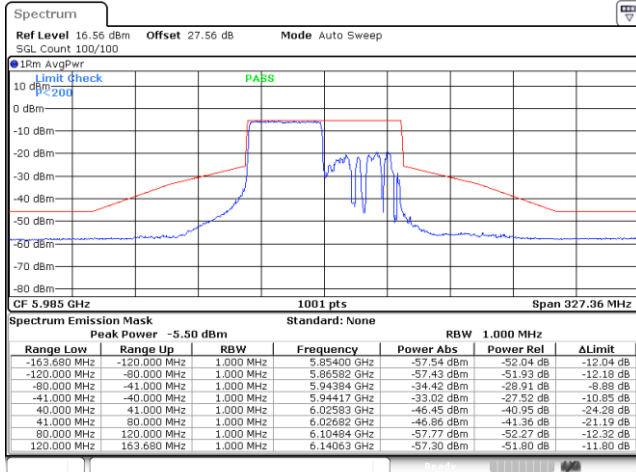
Date: 15.AUG.2023 15:49:02



EUT Mode

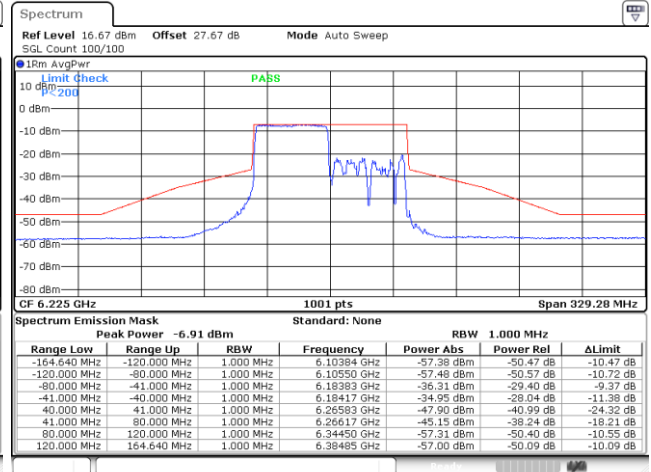
802.11ax HE80 484RU65

Plot on Channel 5985 MHz



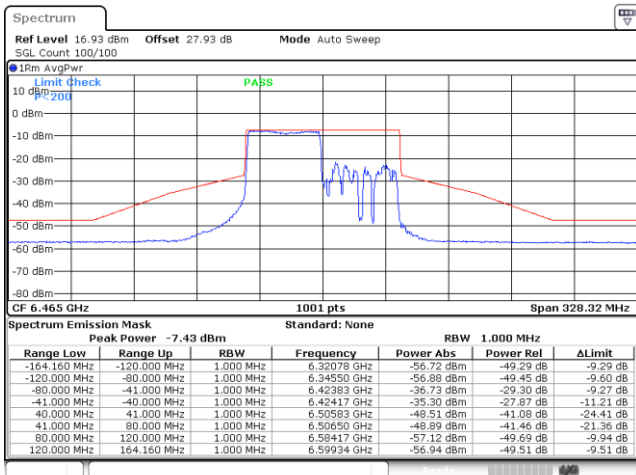
Date: 22.SEP.2023 16:07:40

Plot on Channel 6225 MHz



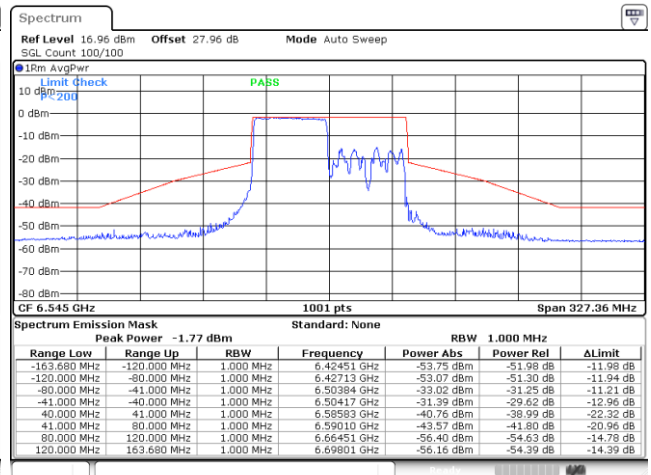
Date: 22.SEP.2023 16:11:27

Plot on Channel 6465 MHz



Date: 22.SEP.2023 16:19:28

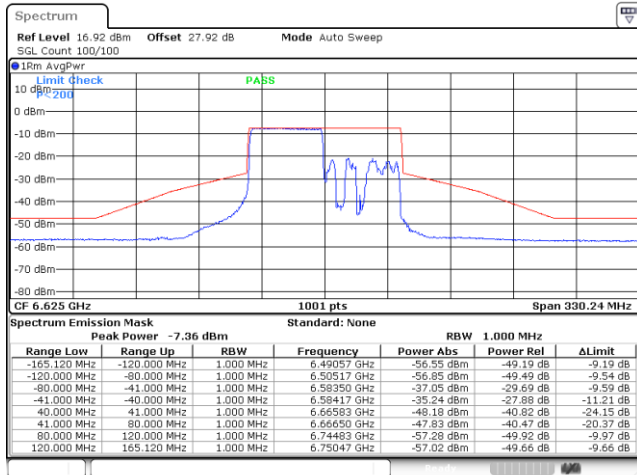
Plot on Channel 6545 MHz



Date: 22.SEP.2023 22:15:27

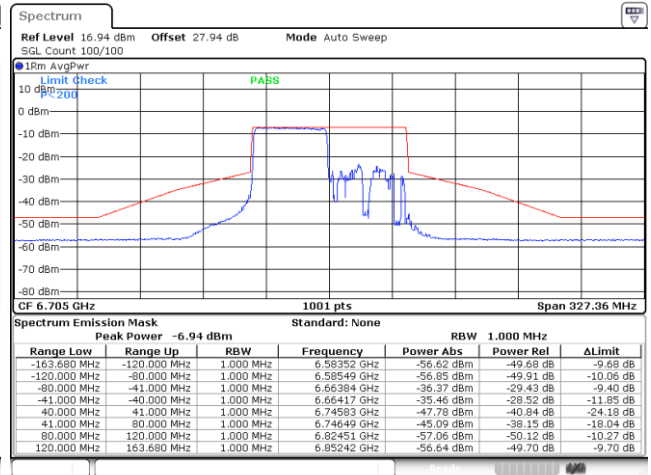


Plot on Channel 6625 MHz



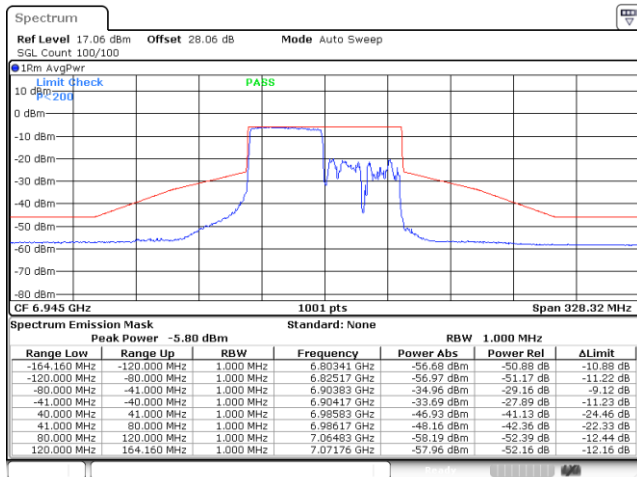
Date: 22.SEP.2023 16:26:34

Plot on Channel 6705 MHz



Date: 22.SEP.2023 17:09:26

Plot on Channel 6945 MHz

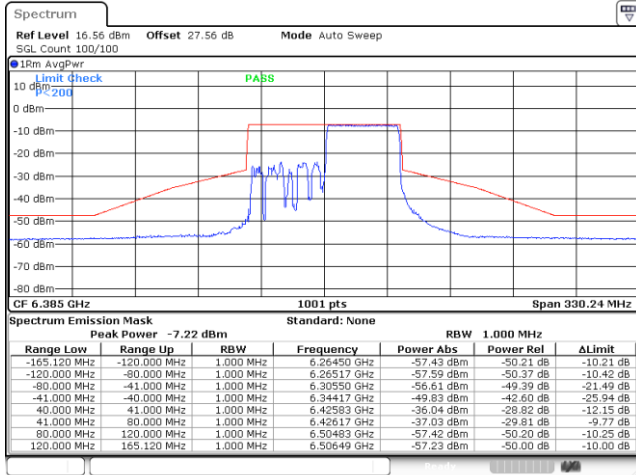


Date: 22.SEP.2023 17:23:37



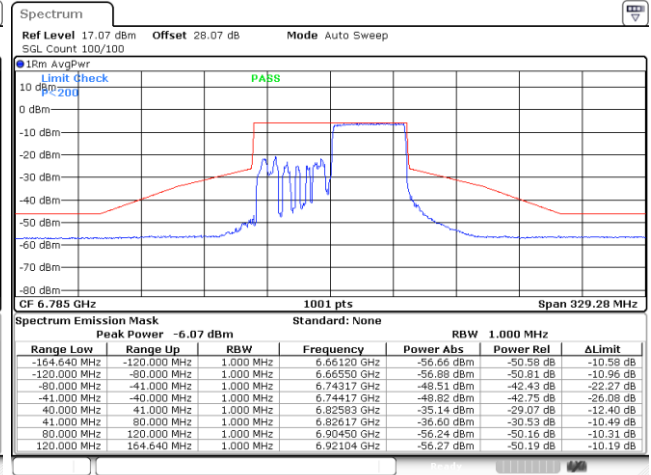
EUT Mode 802.11ax HE80 484RU66

Plot on Channel 6385 MHz



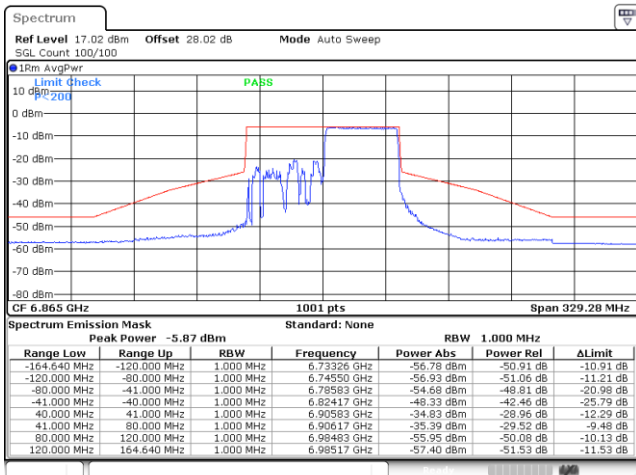
Date: 22.SEP.2023 16:14:53

Plot on Channel 6785 MHz



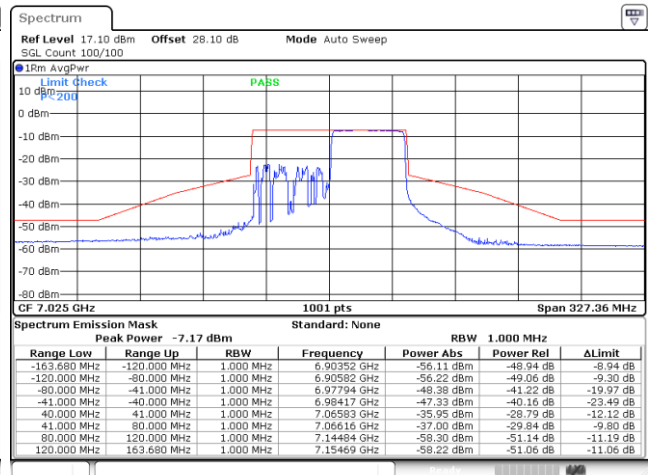
Date: 22.SEP.2023 17:14:14

Plot on Channel 6865 MHz



Date: 22.SEP.2023 17:18:29

Plot on Channel 7025 MHz

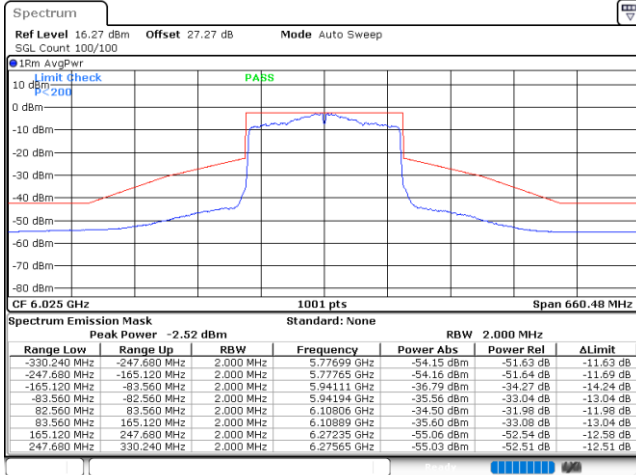


Date: 22.SEP.2023 17:26:34



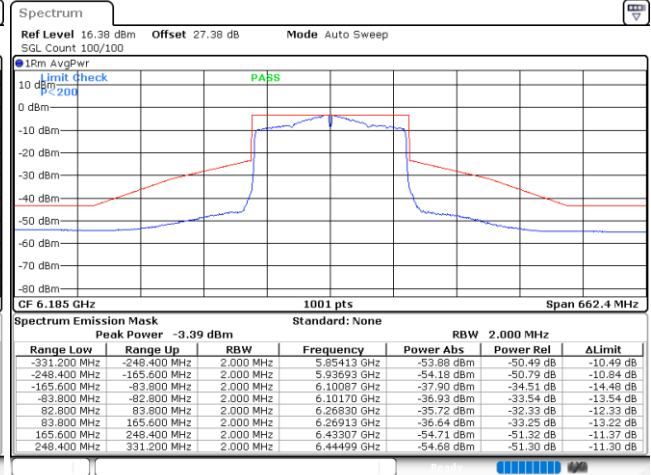
EUT Mode 802.11ax HE160 Full RU

Plot on Channel 6025 MHz



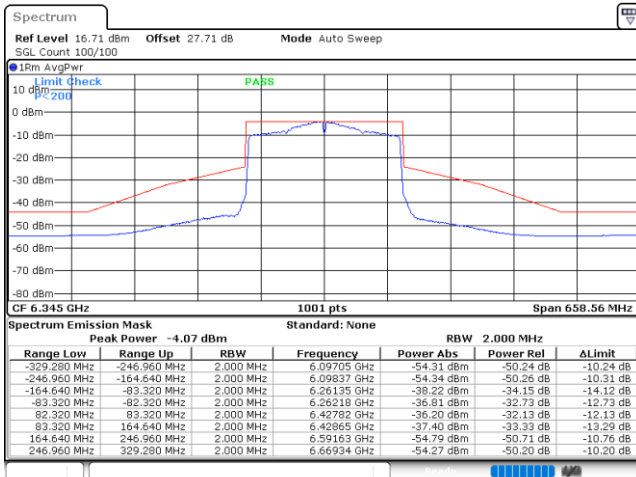
Date: 15.AUG.2023 16:00:02

Plot on Channel 6185 MHz



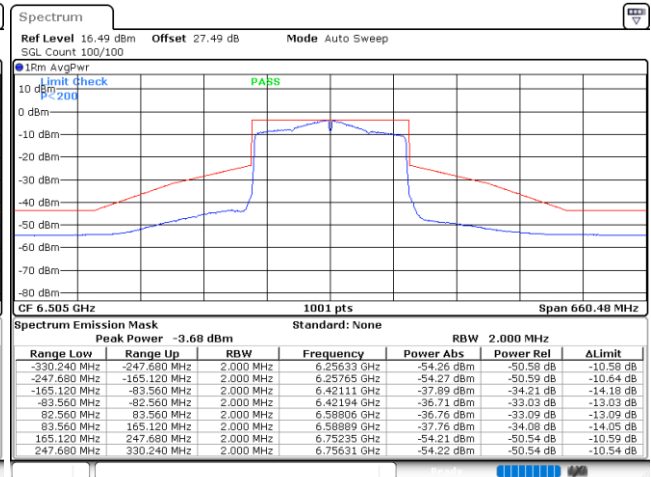
Date: 15.AUG.2023 16:02:45

Plot on Channel 6345 MHz



Date: 15.AUG.2023 16:10:50

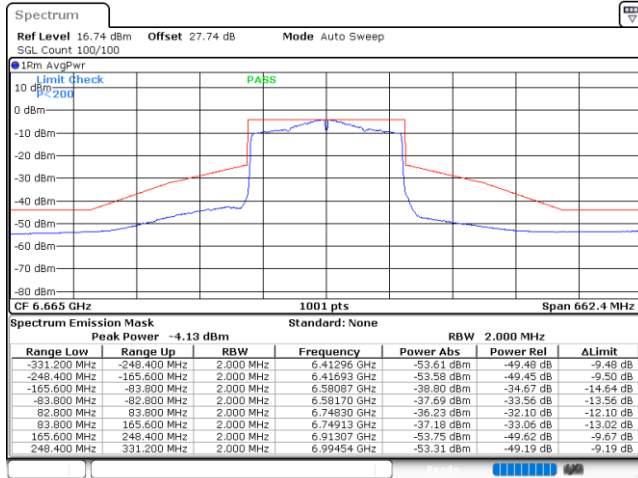
Plot on Channel 6505 MHz



Date: 15.AUG.2023 16:14:39

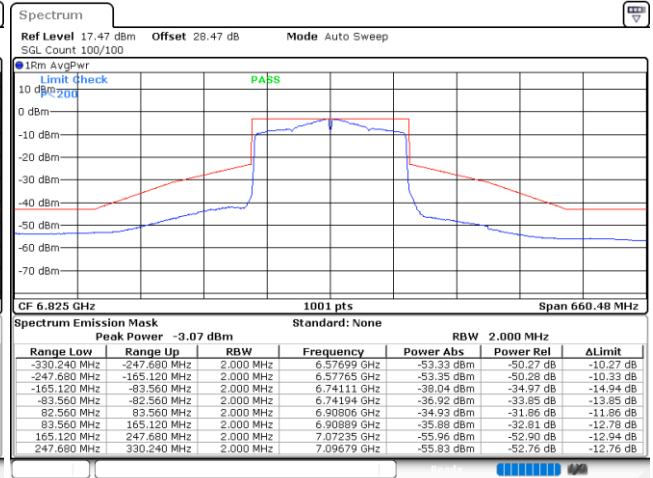


Plot on Channel 6665 MHz



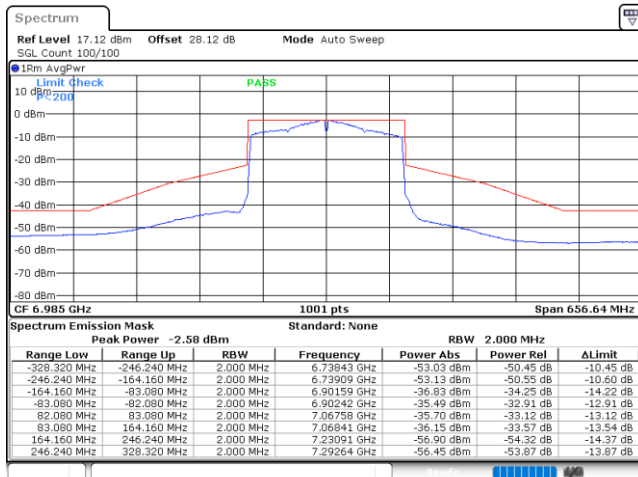
Date: 15.AUG.2023 16:23:45

Plot on Channel 6825 MHz



Date: 15.AUG.2023 16:34:40

Plot on Channel 6985 MHz

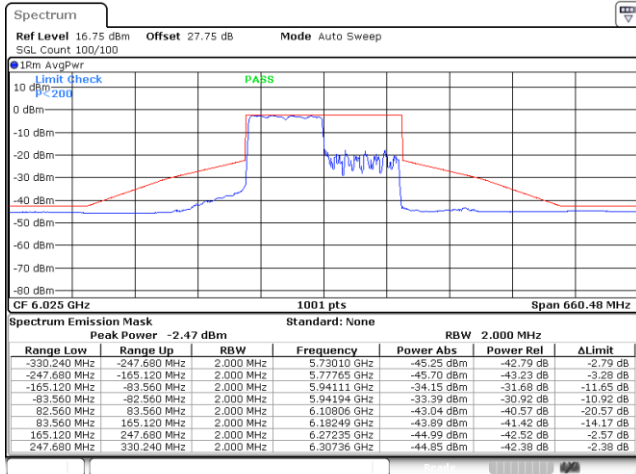


Date: 15.AUG.2023 16:48:15



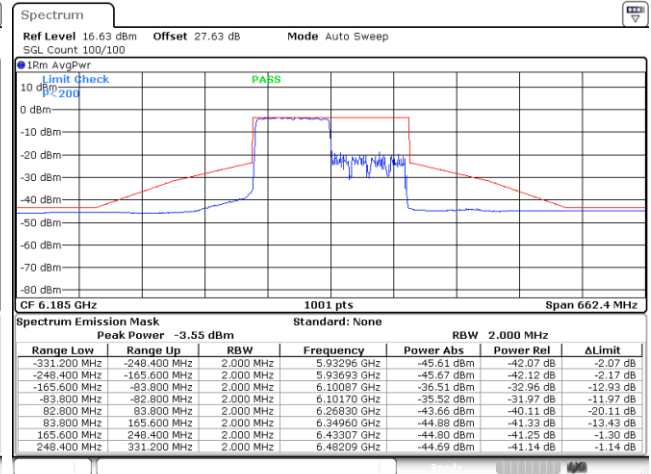
EUT Mode 802.11ax HE160 996RU67

Plot on Channel 6025 MHz



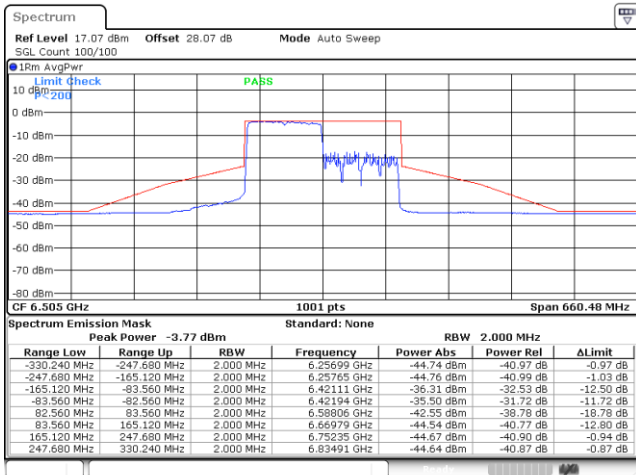
Date: 22.SEP.2023 18:45:48

Plot on Channel 6185 MHz



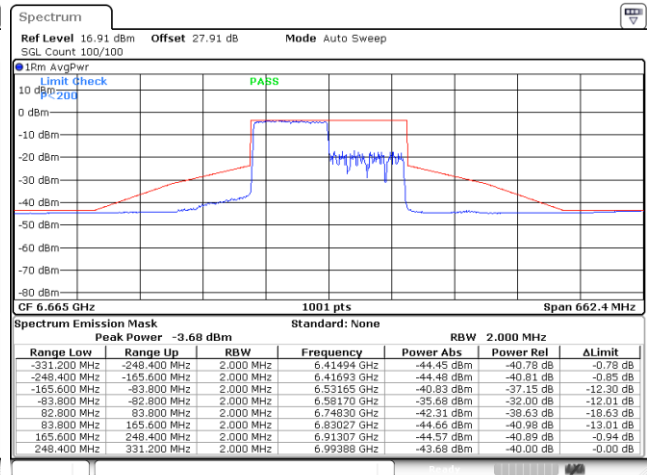
Date: 22.SEP.2023 18:48:33

Plot on Channel 6505 MHz



Date: 22.SEP.2023 19:12:03

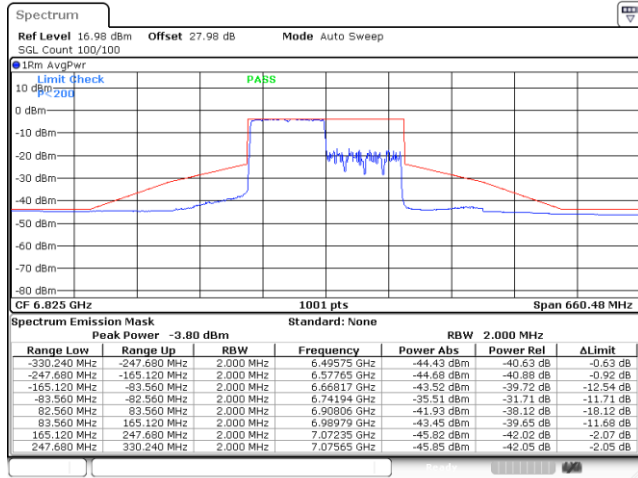
Plot on Channel 6665 MHz



Date: 22.SEP.2023 19:18:47

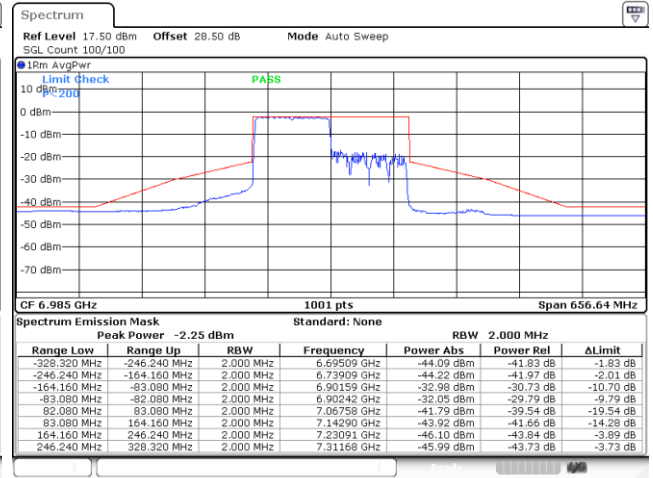


Plot on Channel 6825 MHz



Date: 22.SEP.2023 19:35:51

Plot on Channel 6985 MHz



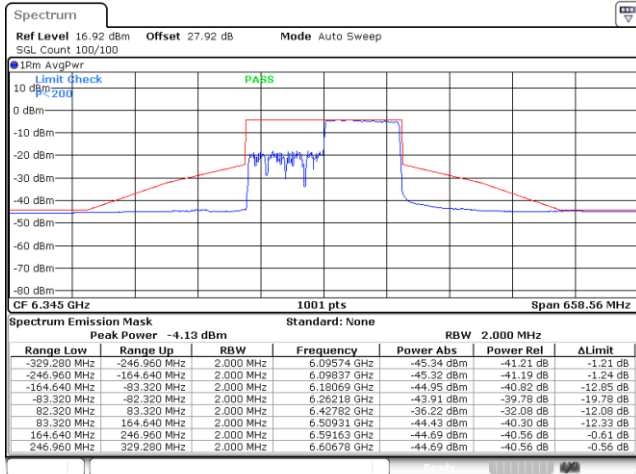
Date: 22.SEP.2023 19:46:40



EUT Mode

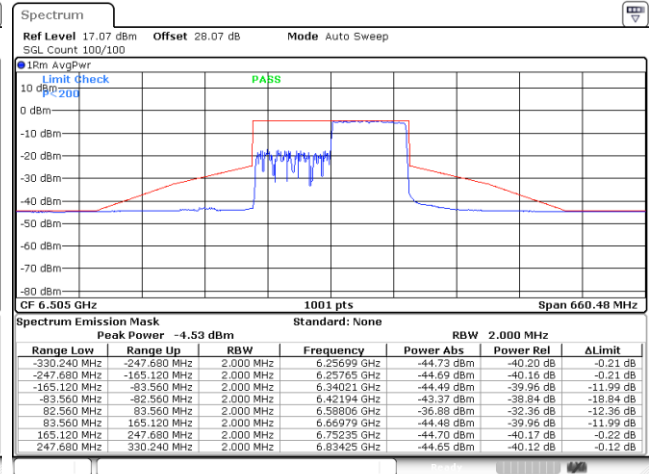
802.11ax HE160 996RUS67

Plot on Channel 6345 MHz



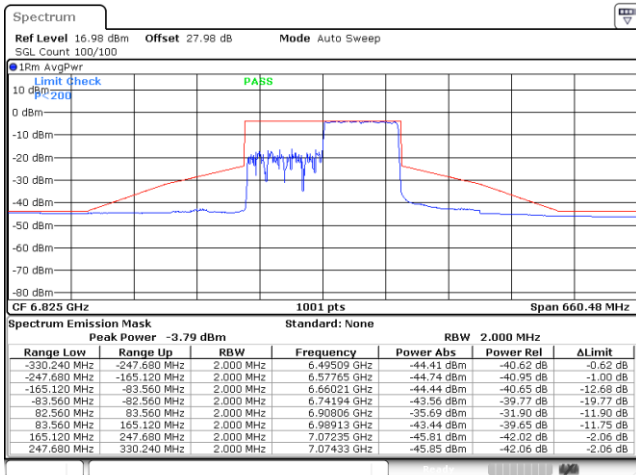
Date: 22.SEP.2023 18:58:02

Plot on Channel 6505 MHz



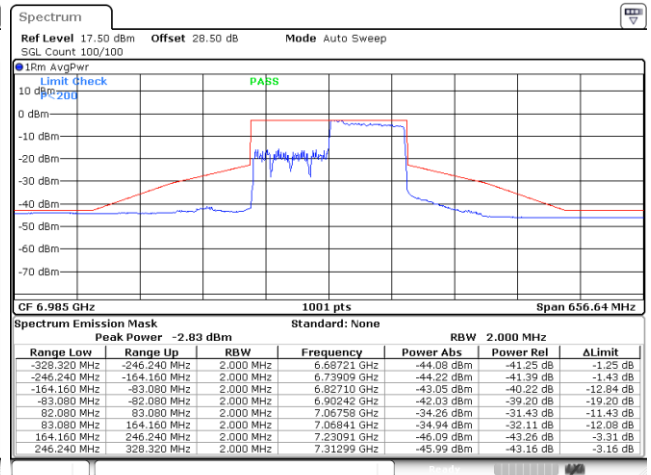
Date: 22.SEP.2023 19:14:32

Plot on Channel 6825 MHz



Date: 22.SEP.2023 19:42:30

Plot on Channel 6985 MHz



Date: 22.SEP.2023 19:47:43



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

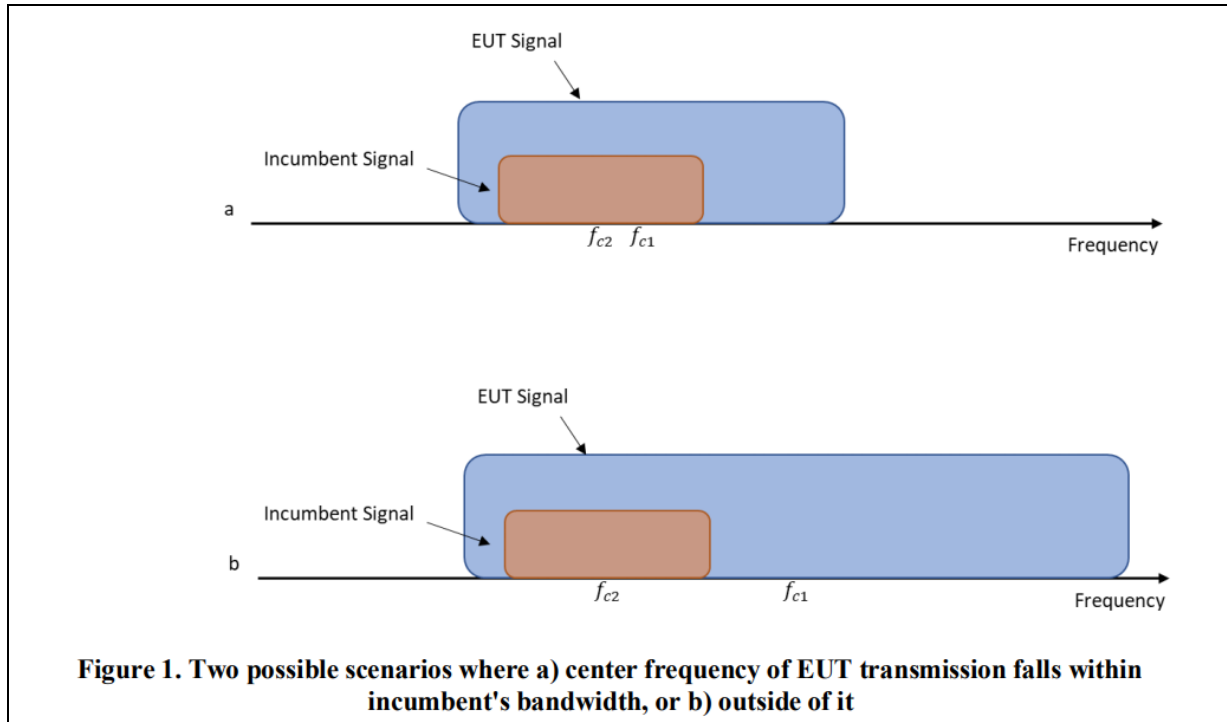
where:

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.

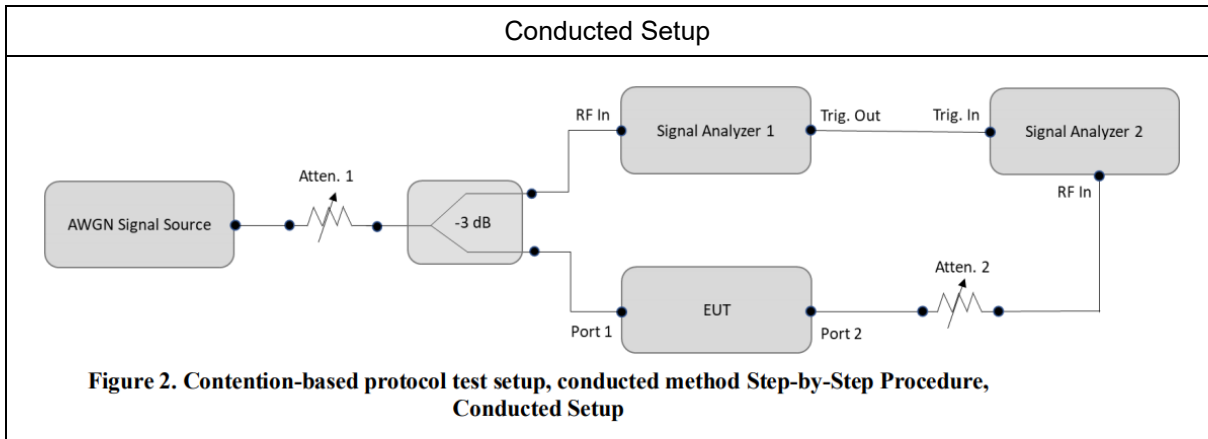
Section I) Contention Based Protocol

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	ASUS	GT-AXE11000	Dual Band AP
Notebook	DELL	Latitude 3400	LAN

3.5.6 Minimum Antenna gain for Contention Based Protocol Test

CBP Antenna Gain	<UNII-5>: 1.49 dBi
	<UNII-6>: 1.46 dBi
	<UNII-7>: 1.25 dBi
	<UNII-8>: 1.34 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 :	23.1~24.8°C
		Relative Humidity :	52.1~55.7%

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	-73.95	100	-62	-75.44	13.44		
				Result: Stop Transmission						
				-75.95	< 90	-62	-77.44	15.44		
				Result: Minimal Operation						
				-76.95	0	-62	-78.44	16.44		
				Result: Normal Operation						
	6185	160	6110	-73.59	100	-62	-75.08	13.08		
				Result: Stop Transmission						
				-76.59	< 90	-62	-78.08	16.08		
				Result: Minimal Operation						
				-77.59	0	-62	-79.08	17.08		
				Result: Normal Operation						
			6260	160	6185	-67.93	100	-62	-69.42	7.42
						Result: Stop Transmission				
						-69.93	< 90	-62	-71.42	9.42
						Result: Minimal Operation				
						-70.93	0	-62	-72.42	10.42
						Result: Normal Operation				
6260	160	6185	-72.89	100	-62	-74.38	12.38			
			Result: Stop Transmission							
			-74.89	< 90	-62	-76.38	14.38			
			Result: Minimal Operation							
			-75.89	0	-62	-77.38	15.38			
			Result: Normal Operation							

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (1.49 dBi).

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

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



Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)		
UNII Band 6	6455	20	6455	-72.62	100	-62	-74.08	12.08		
				Result: Stop Transmission						
				-75.62	< 90	-62	-77.08	15.08		
				Result: Minimal Operation						
				-76.62	0	-62	-78.08	16.08		
				Result: Normal Operation						
	6505	160	6430	-73.62	100	-62	-75.08	13.08		
				Result: Stop Transmission						
				-75.62	< 90	-62	-77.08	15.08		
				Result: Minimal Operation						
				-76.62	0	-62	-78.08	16.08		
				Result: Normal Operation						
			6580	160	6580	-67.9	100	-62	-69.36	7.36
						Result: Stop Transmission				
						-69.90	< 90	-62	-71.36	9.36
						Result: Minimal Operation				
						-70.90	0	-62	-72.36	10.36
						Result: Normal Operation				
	6580	160	6580	-71.84	100	-62	-73.30	11.3		
				Result: Stop Transmission						
				-75.84	< 90	-62	-77.30	15.30		
				Result: Minimal Operation						
				-76.84	0	-62	-78.30	16.30		
				Result: Normal Operation						

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (1.46 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	-72.87	100	-62	-74.12	12.12		
				Result: Stop Transmission						
				-74.87	< 90	-62	-76.12	14.12		
				Result: Minimal Operation						
				-75.87	0	-62	-77.12	15.12		
				Result: Normal Operation						
	6665	160	6590	-74.8	100	-62	-76.05	14.05		
				Result: Stop Transmission						
				-76.80	< 90	-62	-78.05	16.05		
				Result: Minimal Operation						
				-77.80	0	-62	-79.05	17.05		
				Result: Normal Operation						
			6740	160	6665	-68.89	100	-62	-70.14	8.14
						Result: Stop Transmission				
						-70.89	< 90	-62	-72.14	10.14
						Result: Minimal Operation				
						-71.89	0	-62	-73.14	11.14
						Result: Normal Operation				
	6740	160	6665	-73.88	100	-62	-75.13	13.13		
				Result: Stop Transmission						
				-75.88	< 90	-62	-77.13	15.13		
				Result: Minimal Operation						
				-76.88	0	-62	-78.13	16.13		
				Result: Normal Operation						

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (1.25 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	-69.75	100	-62	-71.09	9.09
				Result: Stop Transmission				
				-72.75	< 90	-62	-74.09	12.09
				Result: Minimal Operation				
				-73.75	0	-62	-75.09	13.09
				Result: Normal Operation				
	6985	160	6910	-71.13	100	-62	-72.47	10.47
				Result: Stop Transmission				
				-73.13	< 90	-62	-74.47	12.47
				Result: Minimal Operation				
				-74.13	0	-62	-75.47	13.47
				Result: Normal Operation				
			7060	-66.15	100	-62	-67.49	5.49
				Result: Stop Transmission				
				-67.15	< 90	-62	-68.49	6.49
				Result: Minimal Operation				
				-68.15	0	-62	-69.49	7.49
				Result: Normal Operation				
	7060	-70.77	100	-62	-72.11	10.11		
		Result: Stop Transmission						
		-72.77	< 90	-62	-74.11	12.11		
		Result: Minimal Operation						
		-73.77	0	-62	-75.11	13.11		
		Result: Normal Operation						

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (1.34 dBi).

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

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

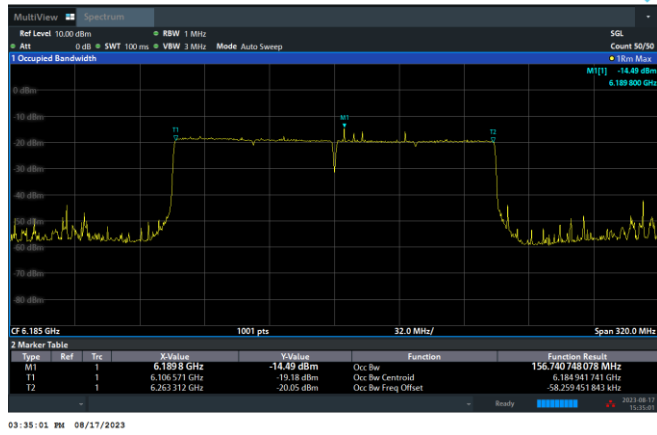


3.5.8 Test Plots of Contention Based Protocol Test

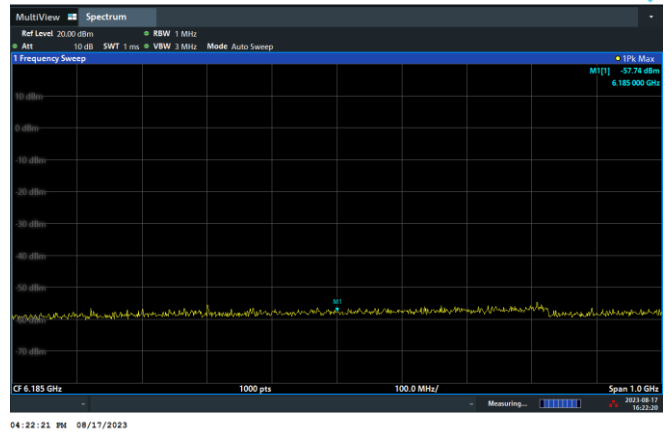
CBP verify with frequency domain plots

The device does not support channel puncturing and bandwidth reduction operation with regards to Contention Based Protocol. The entire bandwidth 160MHz stops transmission after the incumbent signal appears.

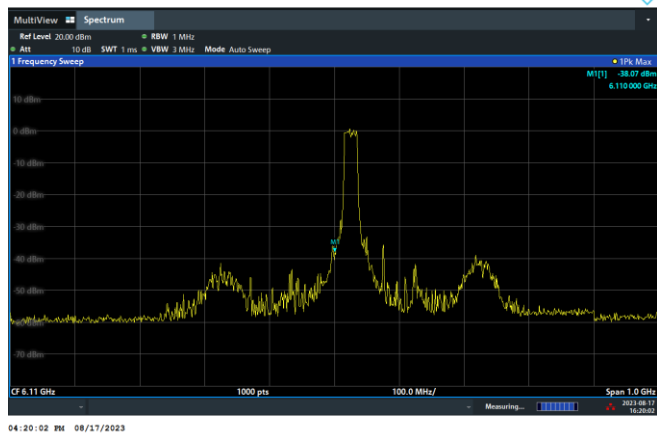
Before incumbent injected on 160MHz channel



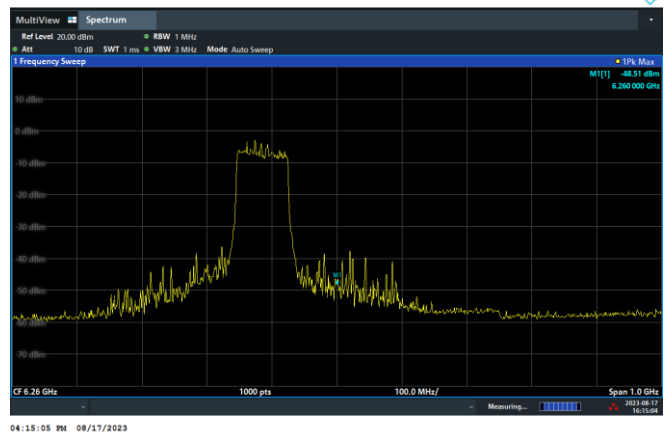
After 10MHz incumbent injected on center of channel, the entire 160MHz bandwidth stops transmission.



After 10MHz incumbent injected on bottom of channel, the EUT changes to a new 20MHz random channel immediately.



After 10MHz incumbent injected on top of channel, the EUT changes to a new 40MHz random channel immediately.

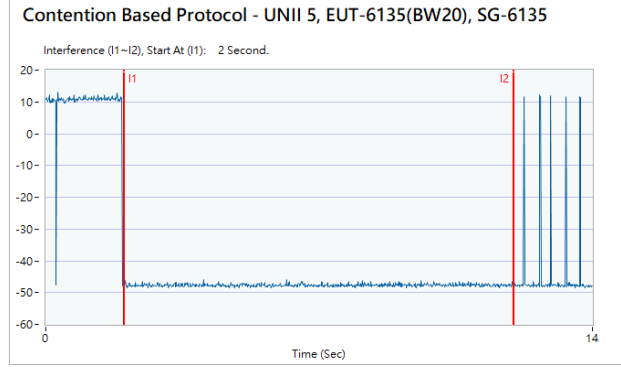
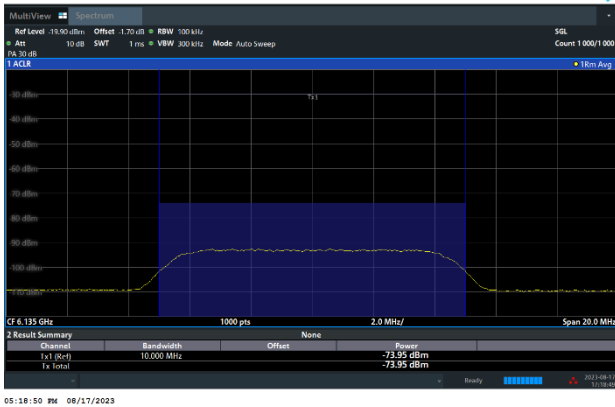




Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

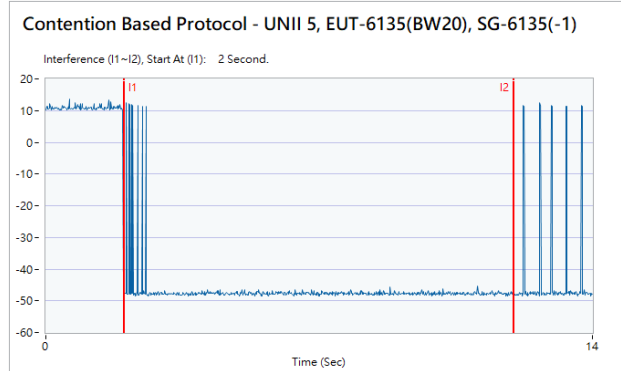
802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -73.95dBm

802.11ax (HE20) / CH37
Test result is pass due to no transmission occur.



802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -74.95dBm

802.11ax (HE20) / CH37
Transmit when the interferer is 1dB lower.

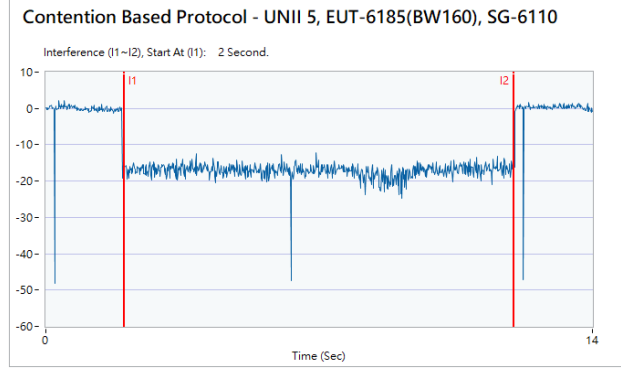
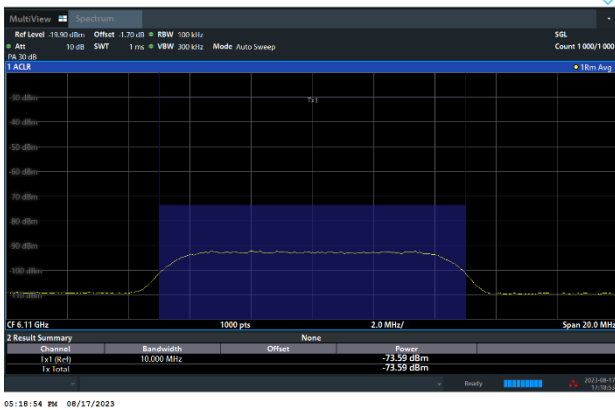




Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

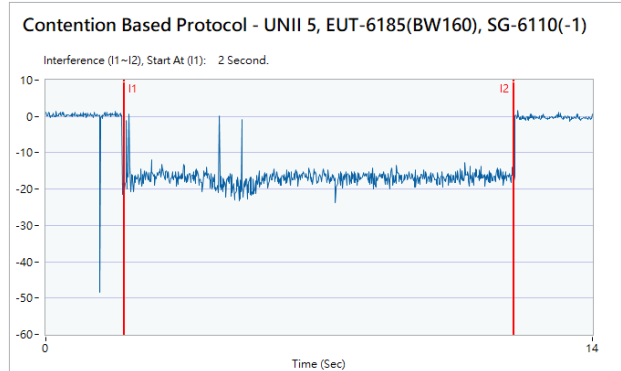
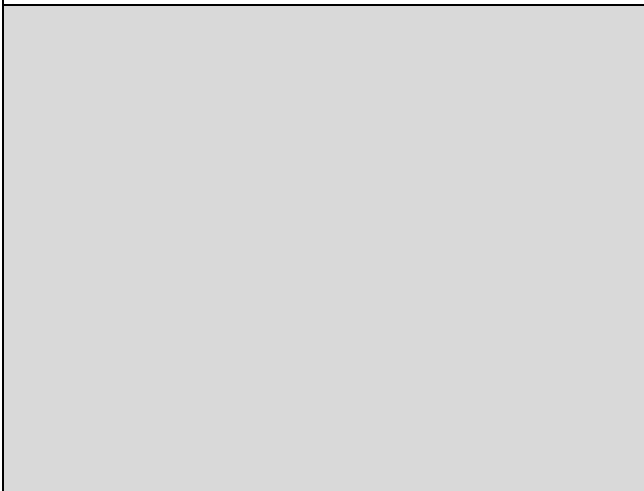
802.11ax (HE160) / 6110MHz (Lower edge)
Threshold Level (TL) = -73.59dBm

802.11ax (HE160) / CH47 (Lower edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6110MHz (Lower edge)
Threshold Level (TL) = -74.59dBm

802.11ax (HE160) / CH47 (Lower edge)
Transmit when the interferer is 1dB lower.





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

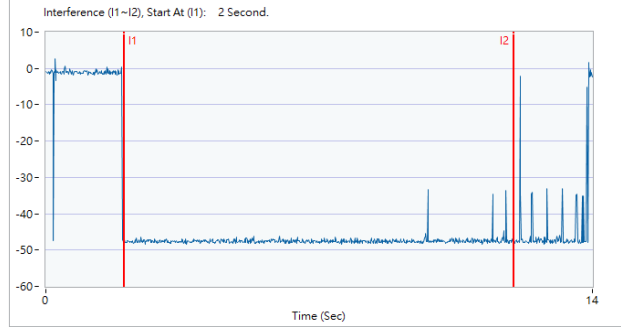
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -67.93dBm

802.11ax (HE160) / CH47 (Middle)

Test result is pass due to no transmission occur.



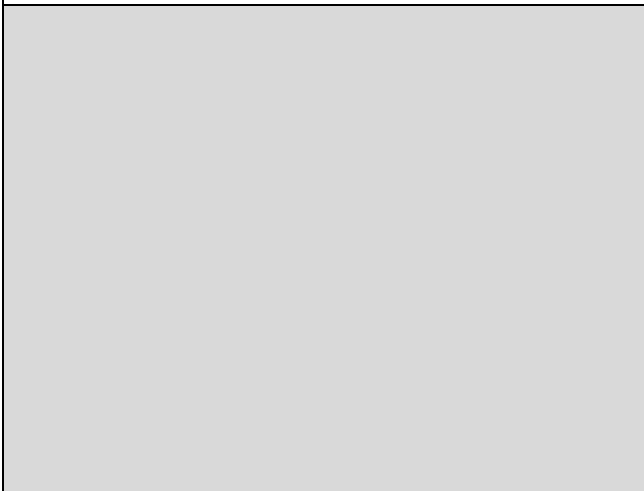
Contention Based Protocol - UNII 5, EUT-6185(BW160), SG-6185



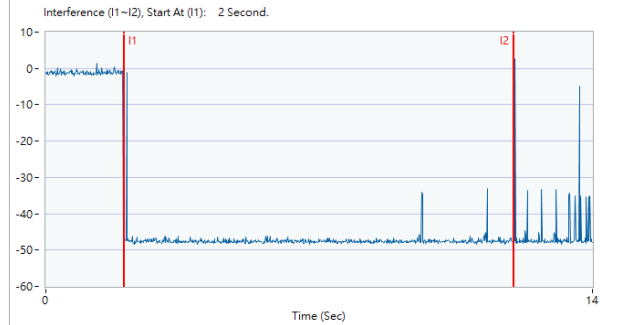
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -68.93dBm

802.11ax (HE160) / CH47 (Middle)

Transmit when the interferer is 1dB lower.



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

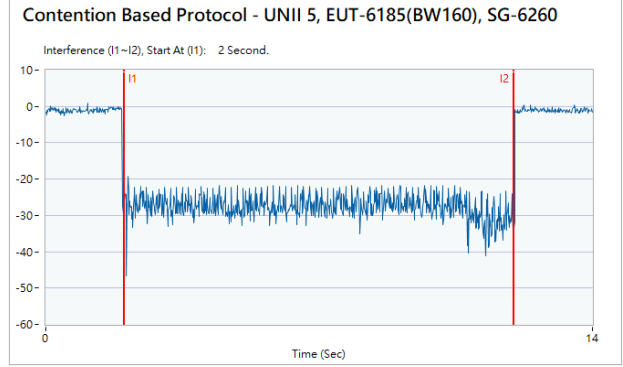
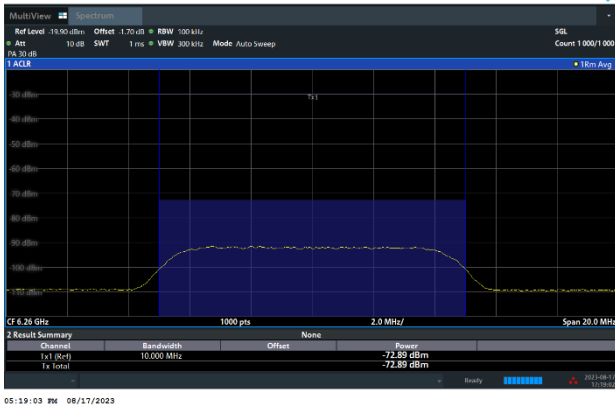




Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

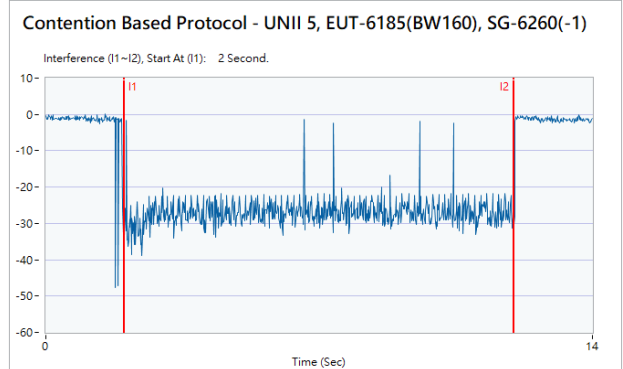
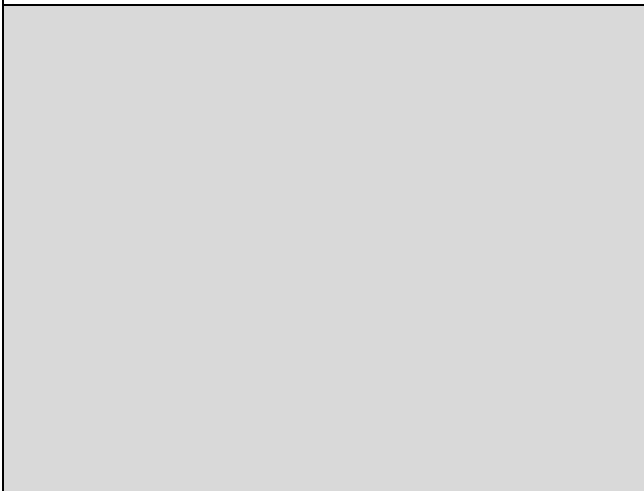
802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -72.89dBm

802.11ax (HE160) / CH47 (Upper edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -73.89dBm

802.11ax (HE160) / CH47 (Upper edge)
Transmit when the interferer is 1dB lower.

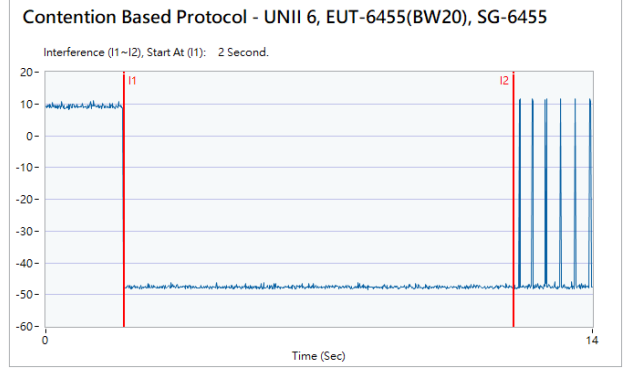
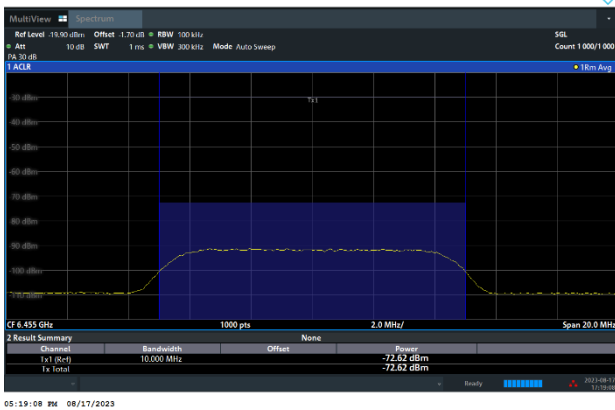




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

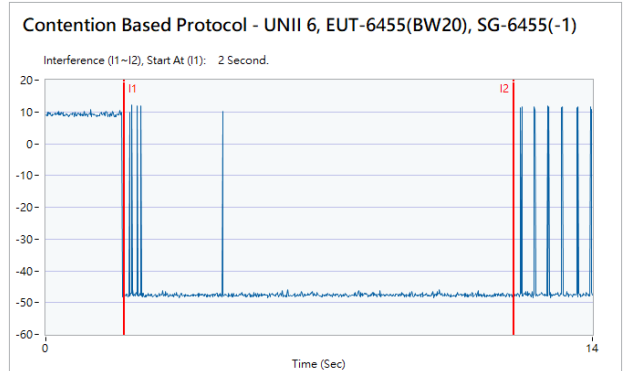
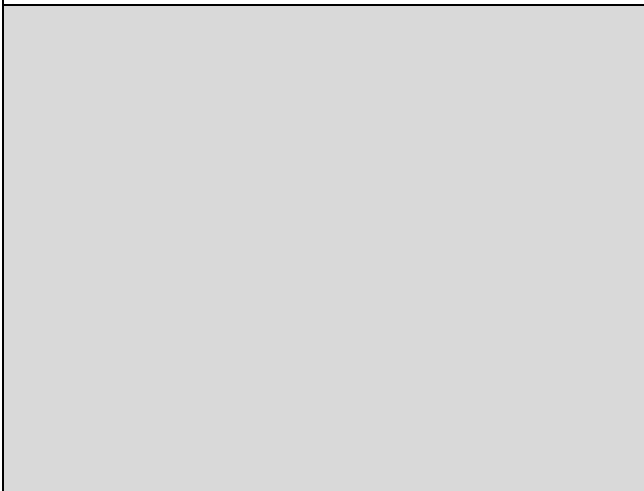
802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -72.62dBm

802.11ax (HE20) / CH101
Test result is pass due to no transmission occur.



802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -73.62dBm

802.11ax (HE20) / CH101
Transmit when the interferer is 1dB lower.

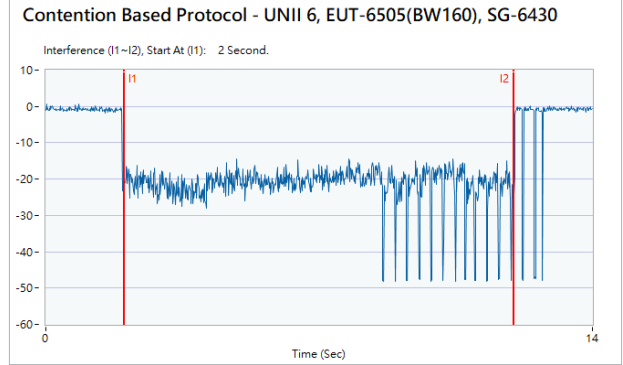
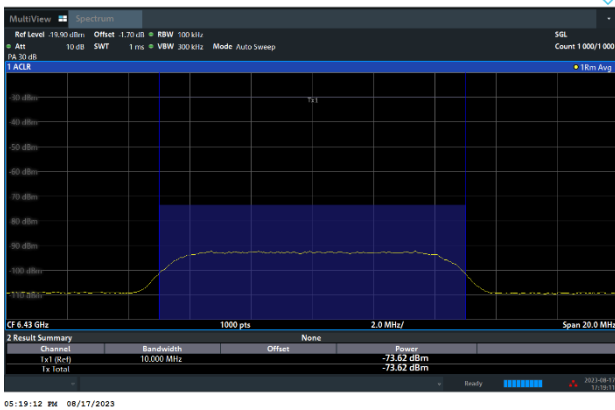




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

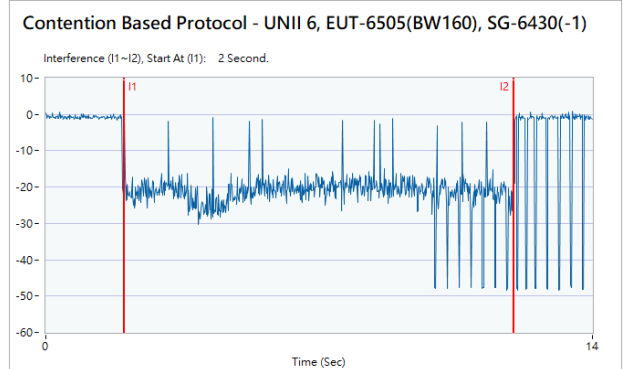
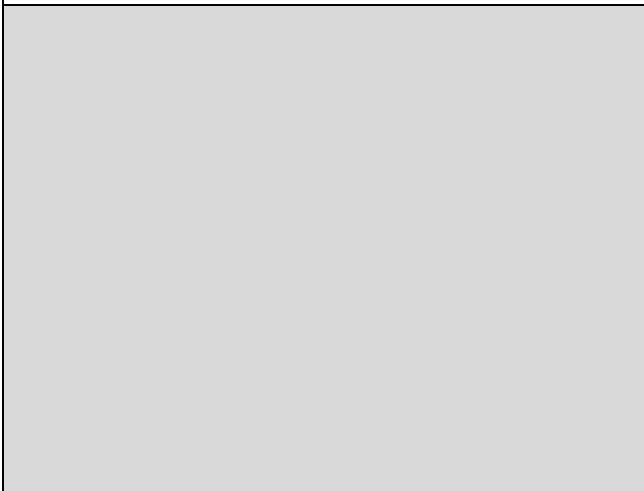
802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -73.62dBm

802.11ax (HE160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -74.62dBm

802.11ax (HE160) / CH111 (Lower edge)
Transmit when the interferer is 1dB lower.

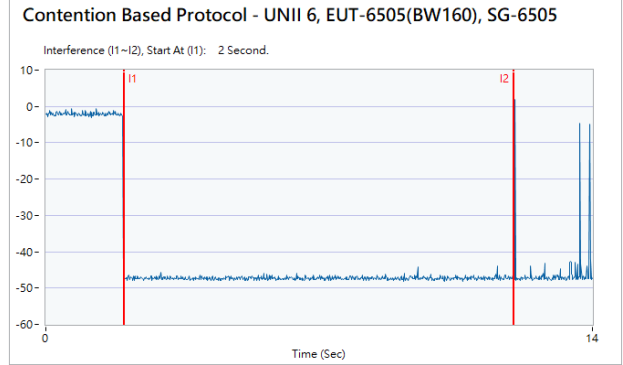
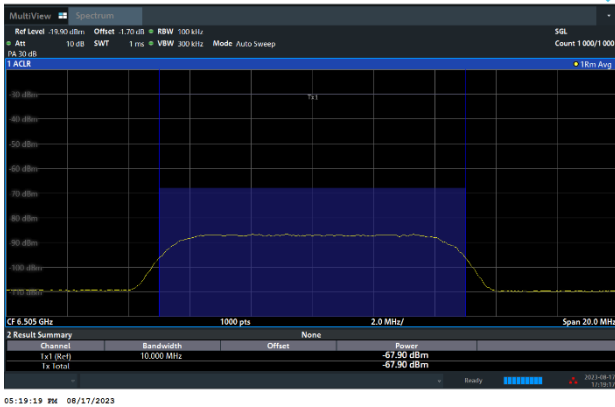




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

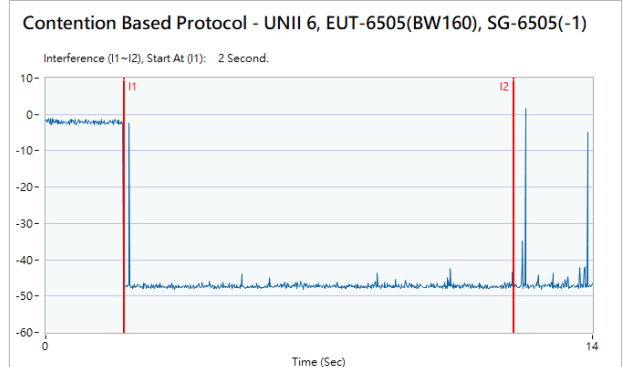
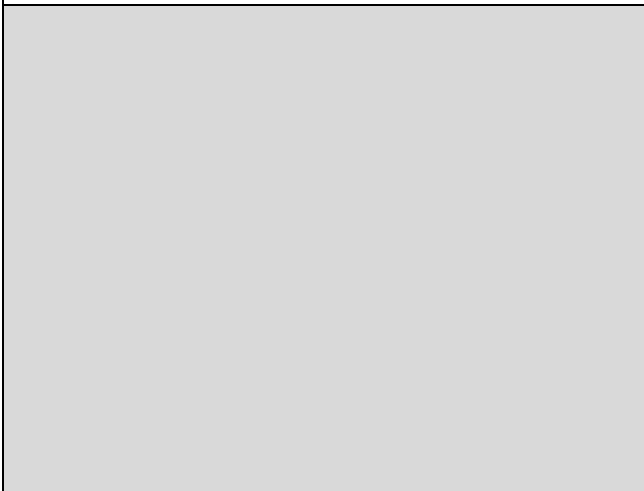
802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -67.9dBm

802.11ax (HE160) / CH111 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -68.90dBm

802.11ax (HE160) / CH111 (Middle)
Transmit when the interferer is 1dB lower.

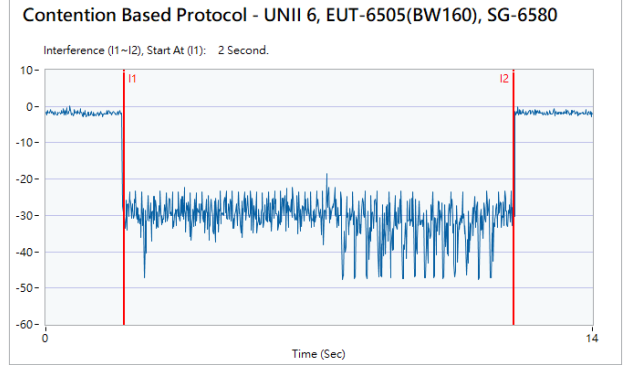
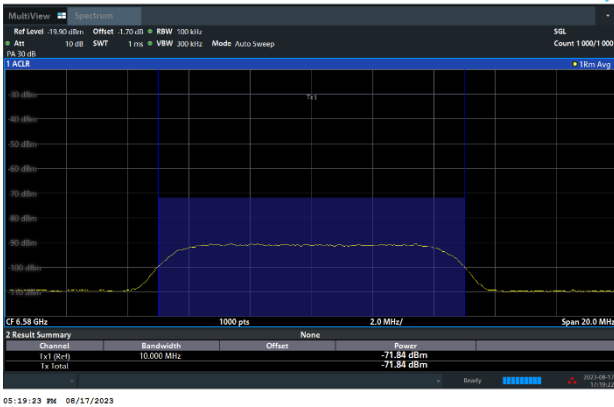




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

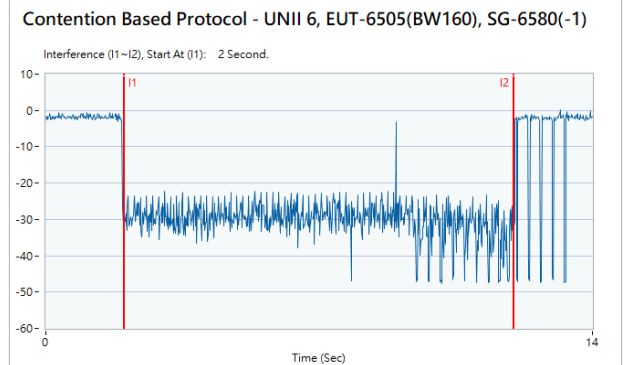
802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -71.84dBm

802.11ax (HE160) / CH111 (Upper edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -72.84dBm

802.11ax (HE160) / CH111 (Upper edge)
Transmit when the interferer is 1dB lower.

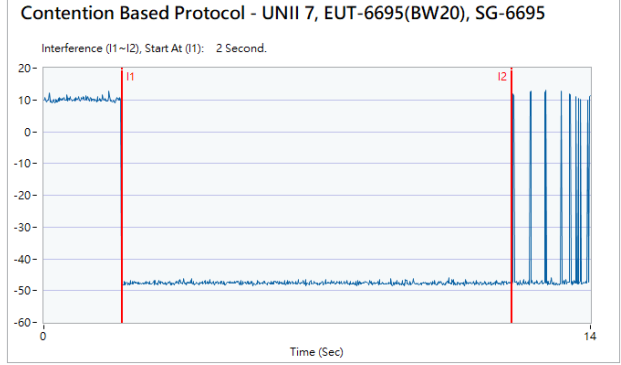
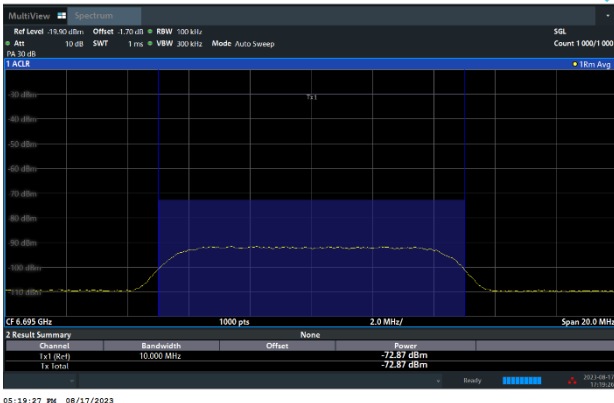




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

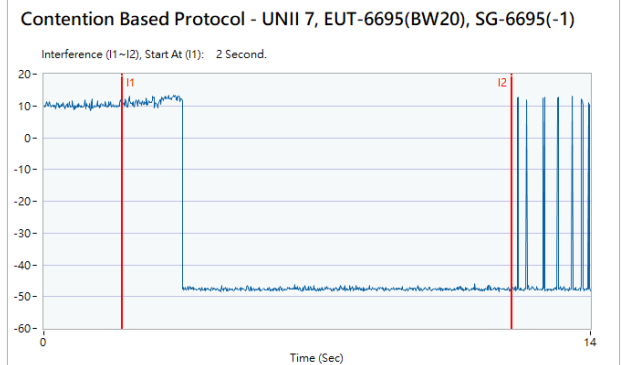
802.11ax (HE20) / 6695MHz
Threshold Level (TL) = -72.87dBm

802.11ax (HE20) / CH149
Test result is pass due to no transmission occur.



802.11ax (HE20) / 6695MHz
Threshold Level (TL) = -73.87dBm

802.11ax (HE20) / CH149
Transmit when the interferer is 1dB lower.

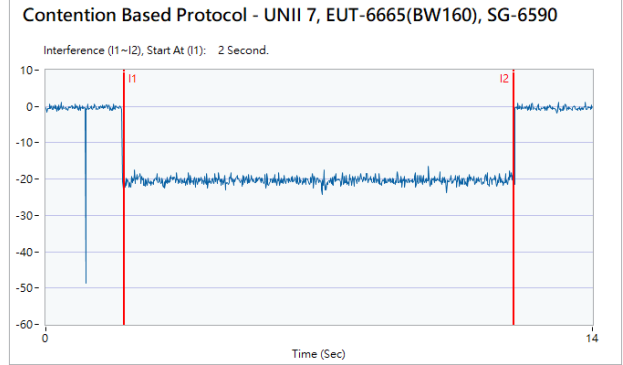
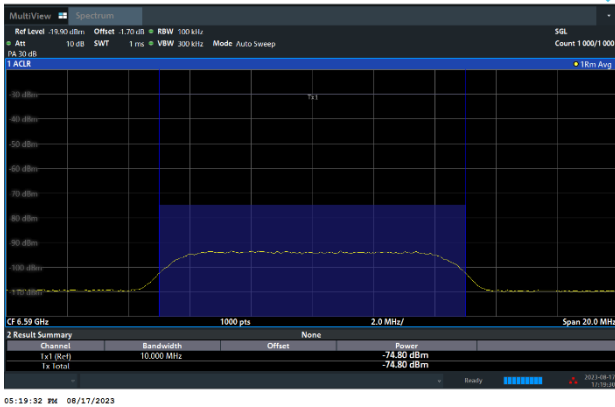




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

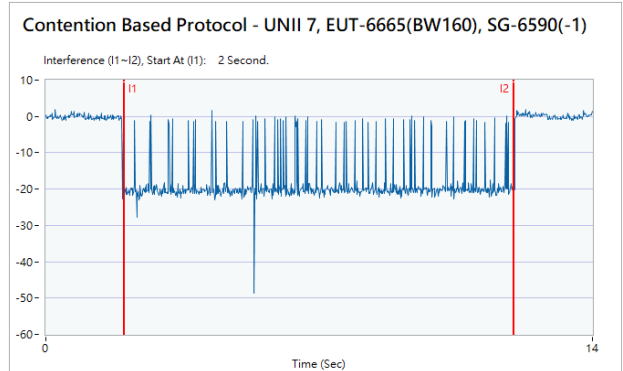
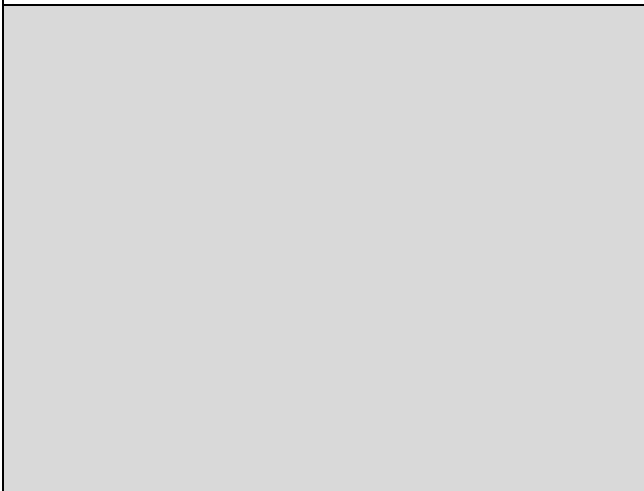
802.11ax (HE160) / 6590MHz (Lower edge)
Threshold Level (TL) = -74.8dBm

802.11ax (HE160) / CH143 (Lower edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6590MHz (Lower edge)
Threshold Level (TL) = -75.80dBm

802.11ax (HE160) / CH143 (Lower edge)
Transmit when the interferer is 1dB lower.

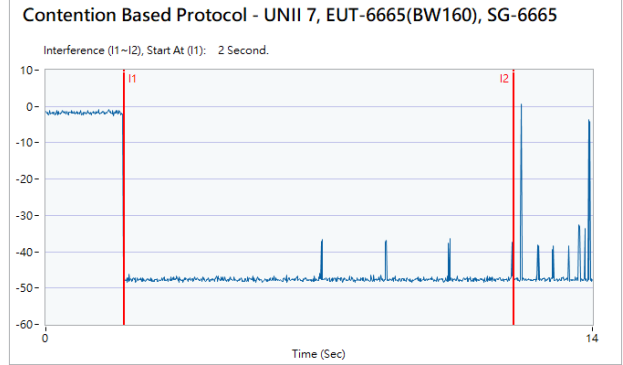
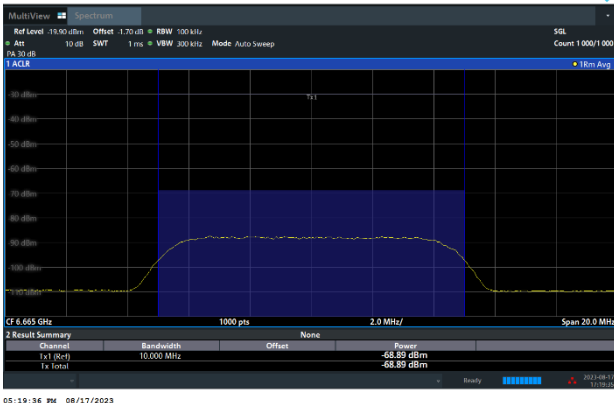




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

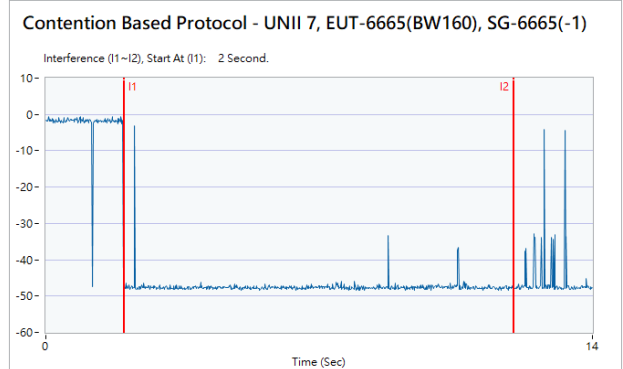
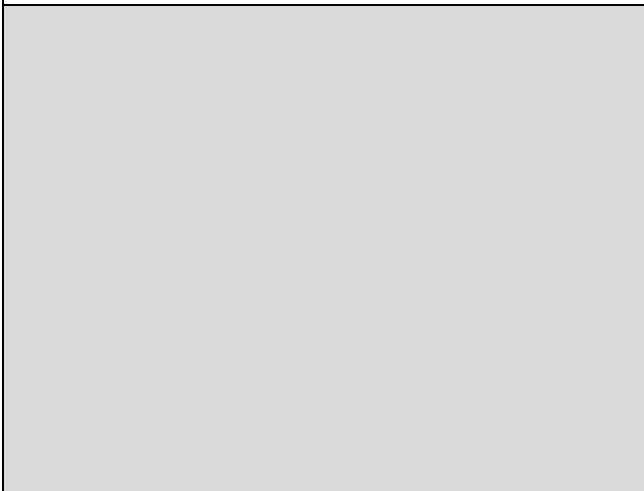
802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -68.89dBm

802.11ax (HE160) / CH143 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -69.89dBm

802.11ax (HE160) / CH143 (Middle)
Transmit when the interferer is 1dB lower.

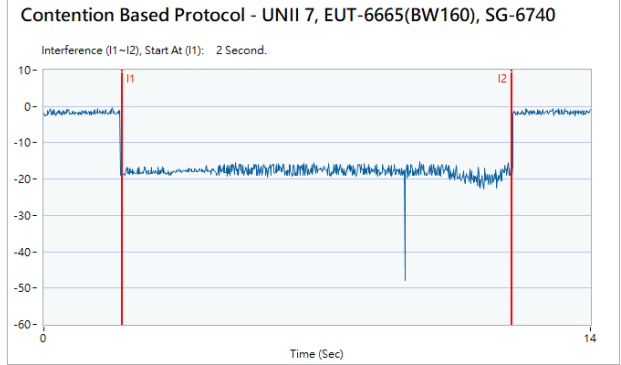
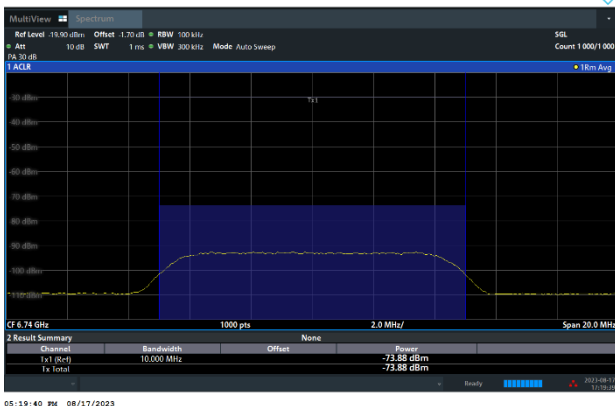




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

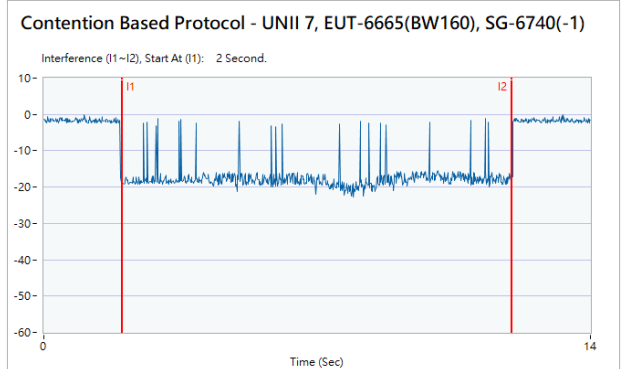
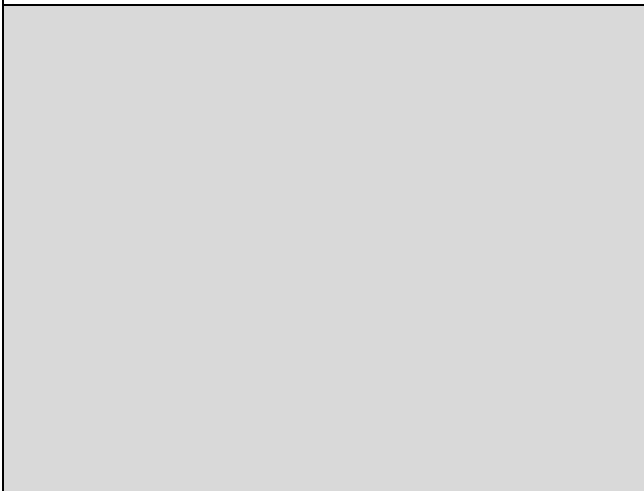
802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -73.88dBm

802.11ax (HE160) / CH143 (Upper edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -74.88dBm

802.11ax (HE160) / CH143 (Upper edge)
Transmit when the interferer is 1dB lower.

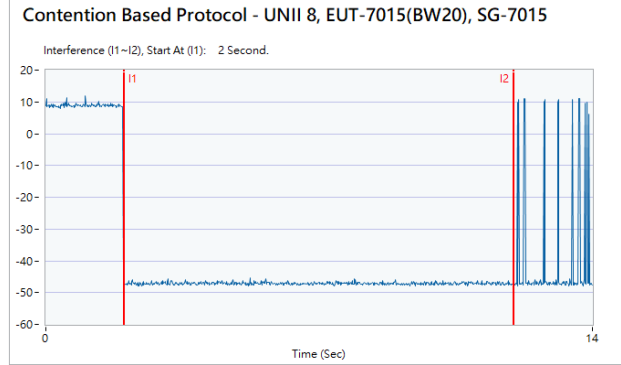
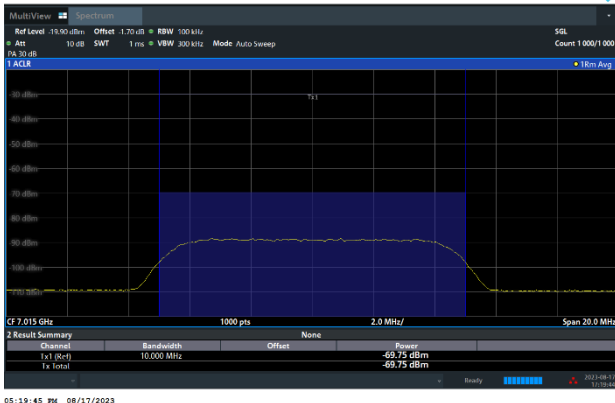




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

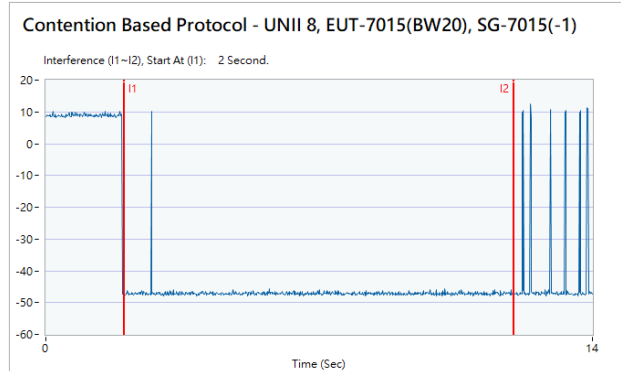
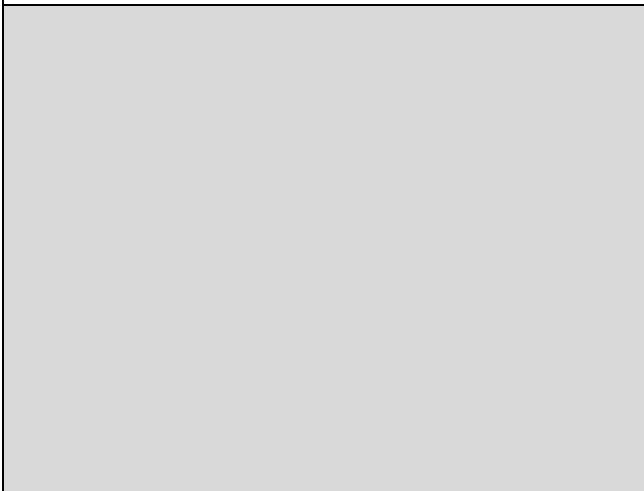
802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -69.75dBm

802.11ax (HE20) / CH213
Test result is pass due to no transmission occur.



802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -70.75dBm

802.11ax (HE20) / CH213
Transmit when the interferer is 1dB lower.

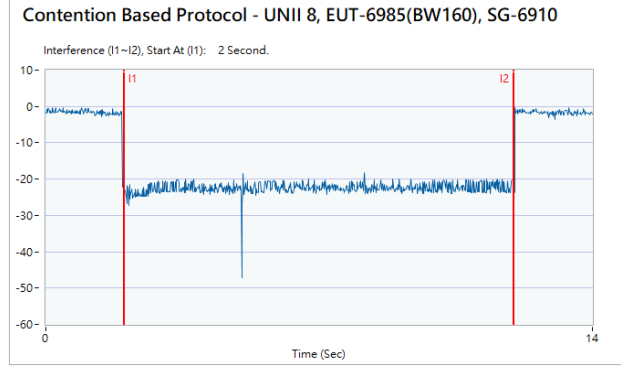
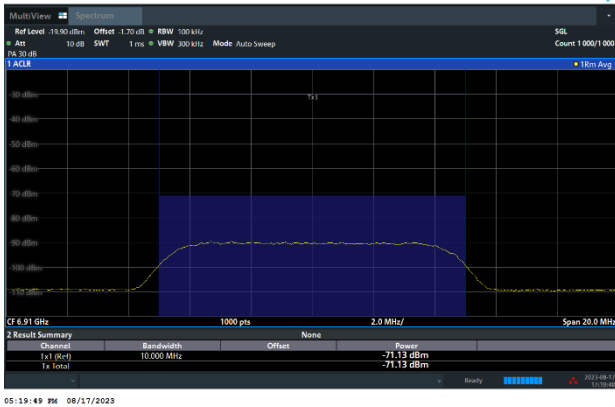




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

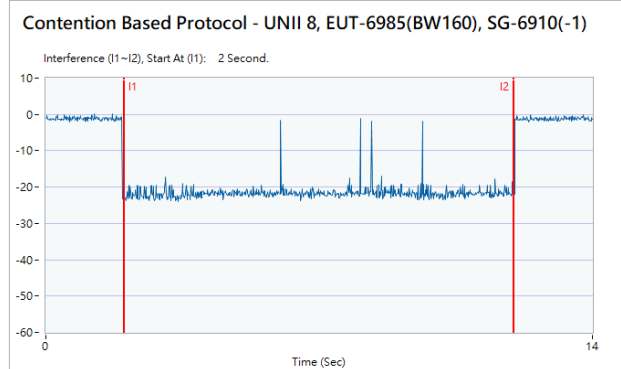
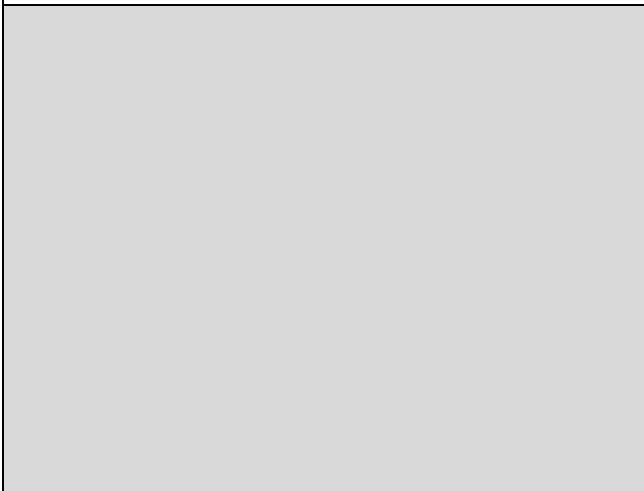
802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -71.13dBm

802.11ax (HE160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -72.13dBm

802.11ax (HE160) / CH207 (Lower edge)
Transmit when the interferer is 1dB lower.

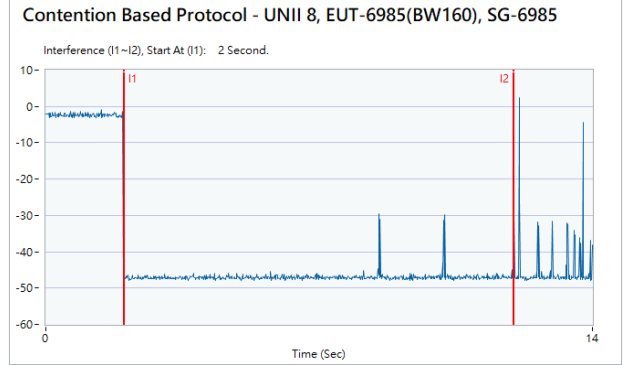
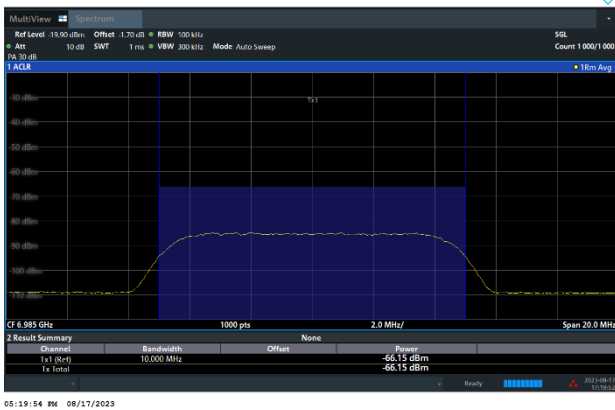




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

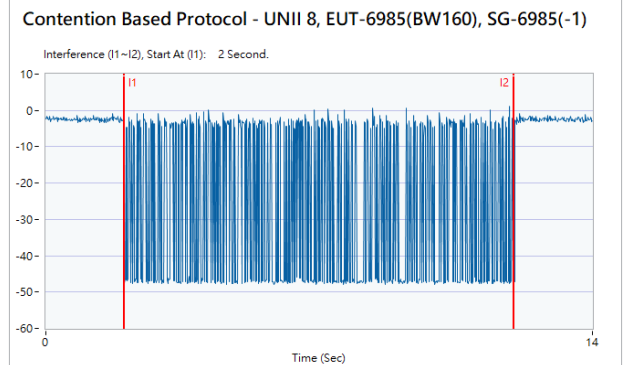
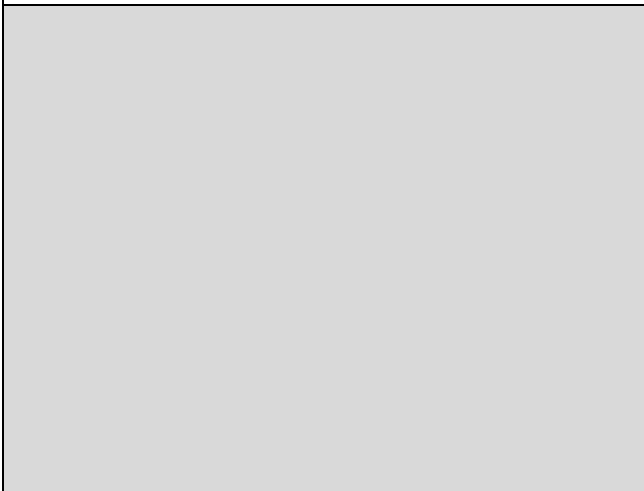
802.11ax (HE160) / 6985MHz (Middle)
Threshold Level (TL) = -66.15dBm

802.11ax (HE160) / CH207 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6985MHz (Middle)
Threshold Level (TL) = -67.15dBm

802.11ax (HE160) / CH207 (Middle)
Transmit when the interferer is 1dB lower.

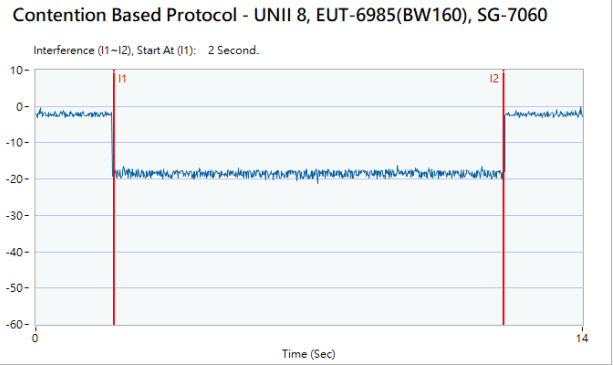
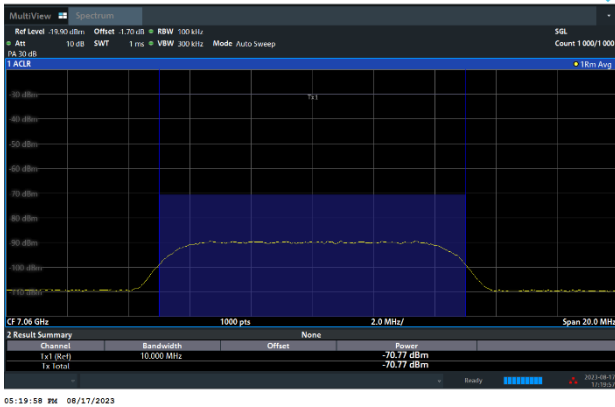




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

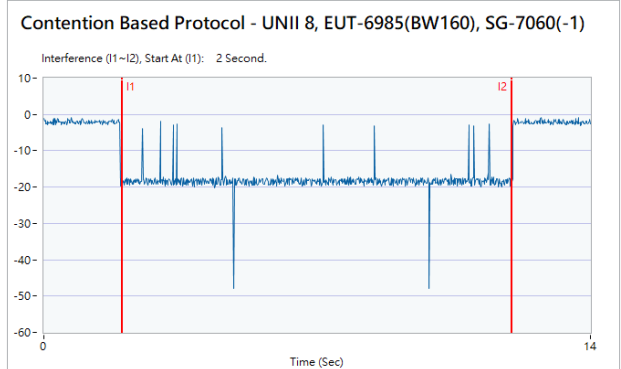
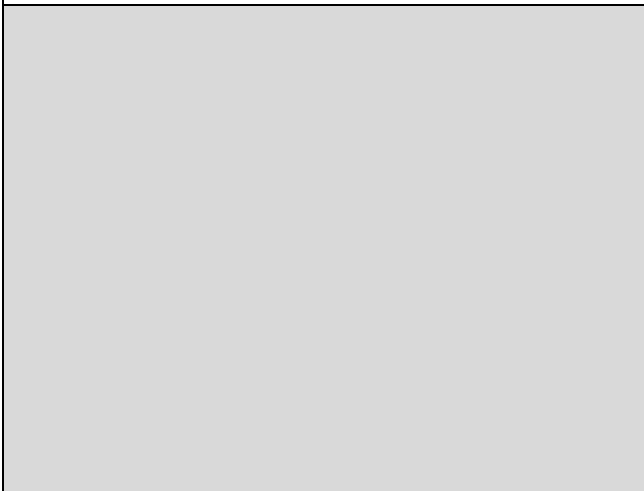
802.11ax (HE160) / 7060MHz (Upper edge)
Threshold Level (TL) = -70.77dBm

802.11ax (HE160) / CH207 (Upper edge)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 7060MHz (Upper edge)
Threshold Level (TL) = -71.77dBm

802.11ax (HE160) / CH207 (Upper edge)
Transmit when the interferer is 1dB lower.



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.

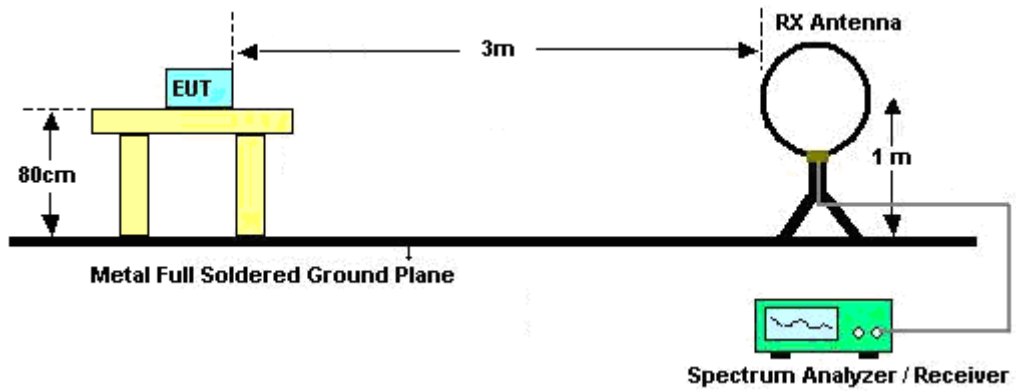


3.6.3 Test Procedures

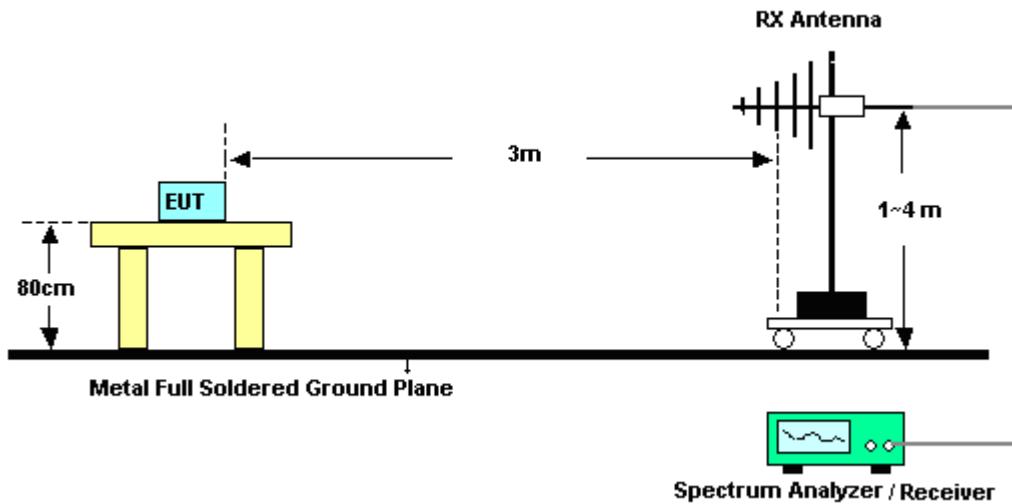
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak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

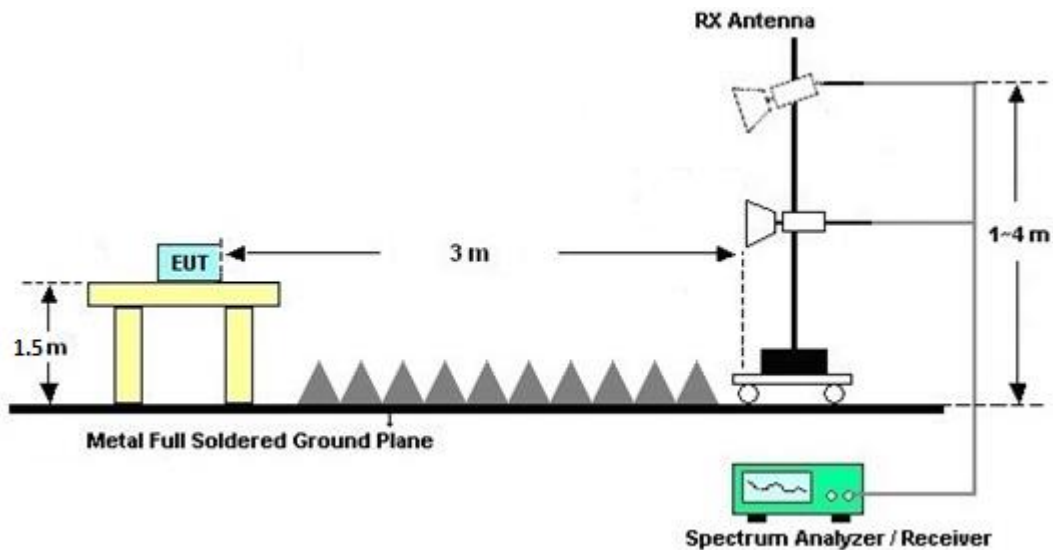
For radiated emissions below 30MHz



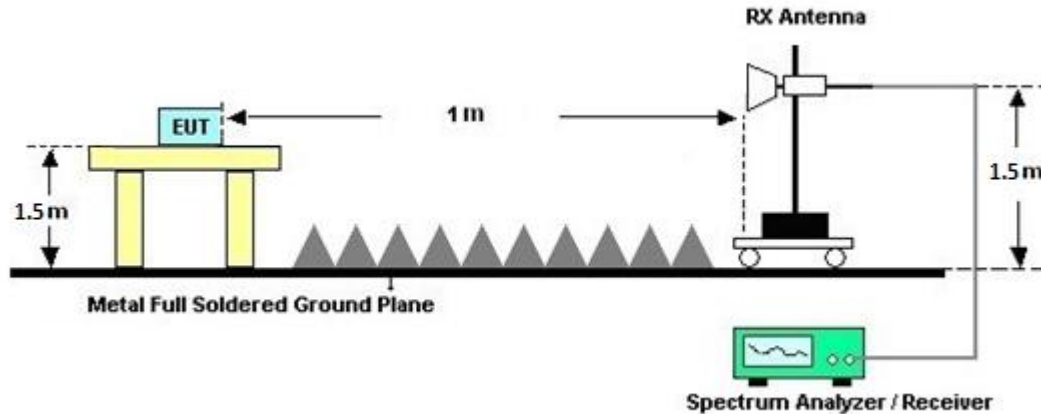
For radiated emissions from 30MHz to 1GHz



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.

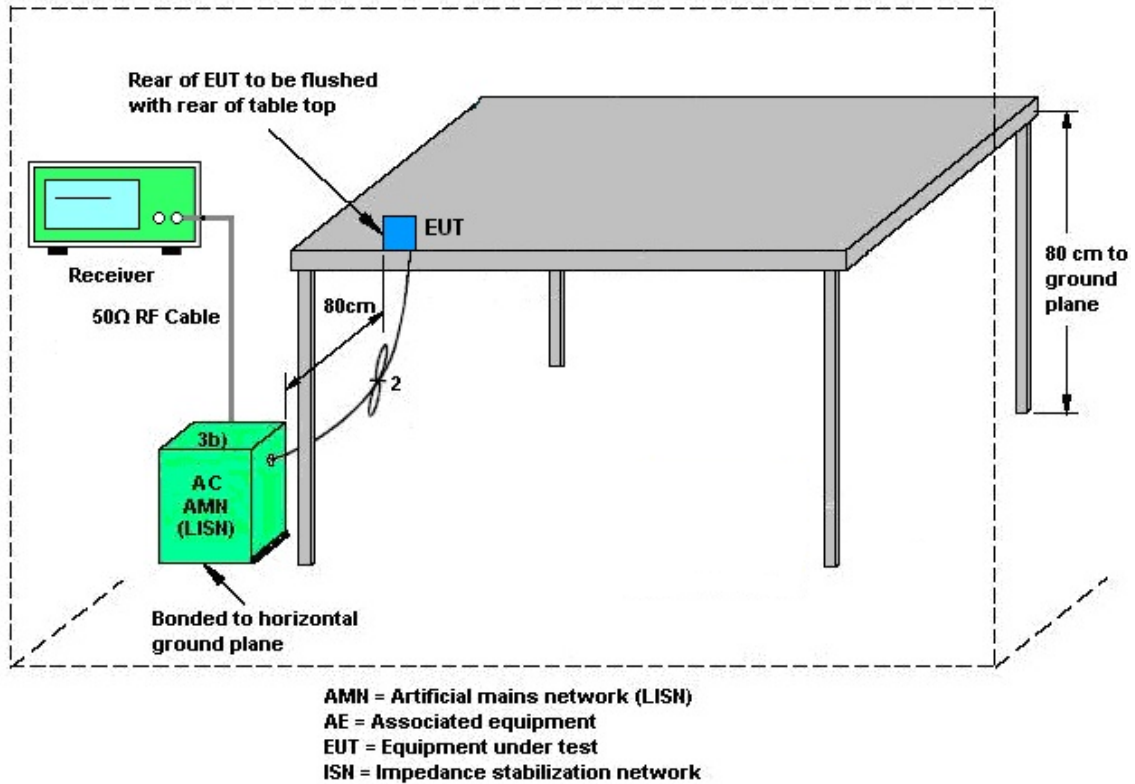
3.7.2 Measuring Instruments

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
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Jul. 07, 2023~ Sep. 22, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2101 001 (NO:75)	10MHz~8GHz	Aug. 29, 2022	Jul. 07, 2023~ Aug. 18, 2023	Aug. 28, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2101 001 (NO:106)	10MHz~8GHz	Feb. 07, 2023	Sep. 22, 2023	Feb. 06, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 13, 2022	Jul. 07, 2023~ Aug. 18, 2023	Sep. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Sep. 22, 2023	Sep. 11, 2024	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Jul. 22, 2023~ Sep. 01, 2023	Sep. 19, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 23, 2023	Jul. 22, 2023~ Sep. 01, 2023	Mar. 22, 2024	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Jul. 22, 2023~ Sep. 01, 2023	Nov. 23, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	Jul. 22, 2023~ Sep. 01, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000 55007	1GHz~18GHz	Jun. 14, 2023	Jul. 22, 2023~ Sep. 01, 2023	Jun. 13, 2024	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Jul. 22, 2023~ Sep. 01, 2023	Jun. 26, 2024	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 07, 2022	Jul. 22, 2023~ Sep. 01, 2023	Oct. 06, 2023	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 18, 2022	Jul. 22, 2023~ Sep. 01, 2023	Oct. 17, 2023	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 22, 2023~ Sep. 01, 2023	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jul. 22, 2023~ Sep. 01, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jul. 22, 2023~ Sep. 01, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jul. 22, 2023~ Sep. 01, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	Jul. 22, 2023~ Sep. 01, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	Jul. 22, 2023~ Sep. 01, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Jul. 22, 2023~ Sep. 01, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	Jul. 22, 2023~ Sep. 01, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX6-7268-92 00-26500-40CD	SN1	9GHz High Pass Filter	May 23, 2023	Jul. 22, 2023~ Sep. 01, 2023	May 22, 2024	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 18, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	Jul. 18, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	Jul. 18, 2023	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	Jul. 18, 2023	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jul. 18, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	Jul. 18, 2023	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	Jul. 18, 2023	Dec. 28, 2023	Conduction (CO05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 23, 2022	Aug. 17, 2023	Dec. 22, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 31, 2023	Aug. 17, 2023	Jan. 30, 2024	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Aug. 17, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010 (#2)	2GHz-8GHz	Calibration from System	Aug. 17, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	0120A0405180 1O	DCMB1CW3A7	0.5-18GHz	Calibration from System	Aug. 17, 2023	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	Aug. 17, 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% ($U = 2Uc(y)$)	6.30 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.40 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu, Derek Hsu and Junyu Jhou	Temperature:	21~25	°C
Test Date:	2023/7/7-2023/8/18	Relative Humidity:	51~54	%

<CDD Mode>

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	001	5955	16.68	16.58	20.32	21.28	320.00	Pass
11a	6Mbps	2	049	6195	16.53	16.48	19.60	20.32	320.00	Pass
11a	6Mbps	2	093	6415	16.58	16.48	20.24	20.32	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 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	001	5955	2.50	2.30	5.41	1.59		7.00	24.00	Pass
11a	6Mbps	2	049	6195	3.10	3.10	6.11	1.59		7.70	24.00	Pass
11a	6Mbps	2	093	6415	3.30	2.90	6.11	1.59		7.70	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	001	5955	0.68	0.66			-5.81	4.55		-1.26	-1.00	Pass
11a	6Mbps	2	049	6195	0.68	0.66			-5.72	4.55		-1.17	-1.00	Pass
11a	6Mbps	2	093	6415	0.68	0.66			-5.66	4.55		-1.11	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	097	6435	16.63	16.58	19.92	20.48	320.00	Pass
11a	6Mbps	2	105	6475	16.58	16.53	20.08	20.96	320.00	Pass
11a	6Mbps	2	113	6515	16.63	16.63	20.32	20.56	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 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	097	6435	2.90	2.50	5.71	1.50		7.21	24.00	Pass
11a	6Mbps	2	105	6475	2.90	2.60	5.76	1.50		7.26	24.00	Pass
11a	6Mbps	2	113	6515	2.00	1.90	4.96	1.50		6.46	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	097	6435	0.68	0.66			-5.64	4.49		-1.15	-1.00	Pass
11a	6Mbps	2	105	6475	0.68	0.66			-5.51	4.49		-1.02	-1.00	Pass
11a	6Mbps	2	113	6515	0.68	0.66			-5.85	4.49		-1.36	-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 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	117	6535	16.63	16.58	20.16	20.40	320.00	Pass
11a	6Mbps	2	149	6695	16.68	16.58	21.84	20.40	320.00	Pass
11a	6Mbps	2	181	6855	16.68	16.58	20.16	20.48	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 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	185	6875	16.73	16.58	21.04	20.24	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 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	117	6535	2.30	2.70	5.51	1.46		6.97	24.00	Pass
11a	6Mbps	2	149	6695	2.80	3.00	5.91	1.46		7.37	24.00	Pass
11a	6Mbps	2	181	6855	2.00	2.80	5.43	1.46		6.89	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 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	185	6875	3.10	4.00	6.58	1.46		8.04	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	117	6535	0.68	0.66			-5.70	4.37	-1.33	-1.00	Pass	
11a	6Mbps	2	149	6695	0.68	0.66			-5.73	4.37	-1.37	-1.00	Pass	
11a	6Mbps	2	181	6855	0.68	0.66			-5.69	4.37	-1.33	-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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	185	6875	0.68	0.66			-5.59	4.37	-1.23	-1.00	Pass	

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	189	6895	16.83	16.58	20.24	20.08	320.00	Pass
11a	6Mbps	2	209	6995	16.58	16.48	20.40	19.92	320.00	Pass
11a	6Mbps	2	229	7095	16.48	16.48	20.32	19.76	320.00	Pass
11a	6Mbps	2	233	7115	16.48	16.48	19.92	19.52	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 6	Ant 7	SUM	Ant 6	Ant 7			
11a	6Mbps	2	189	6895	2.80	3.70	6.28	1.38		7.66	24.00	Pass
11a	6Mbps	2	209	6995	3.00	4.10	6.60	1.38		7.98	24.00	Pass
11a	6Mbps	2	229	7095	1.90	2.60	5.27	1.38		6.65	24.00	Pass
11a	6Mbps	2	233	7115	1.60	2.20	4.92	1.38		6.30	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	189	6895	0.68	0.66			-5.57		4.37	-1.20	-1.00	Pass
11a	6Mbps	2	209	6995	0.68	0.66			-5.49		4.37	-1.12	-1.00	Pass
11a	6Mbps	2	229	7095	0.68	0.66			-5.63		4.37	-1.26	-1.00	Pass
11a	6Mbps	2	233	7115	0.68	0.66			-5.57		4.37	-1.20	-1.00	Pass

<SDM Mode>

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 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	001	5955	Full	18.93	18.93	21.28	21.12	320.00	Pass
HE20	MCS0	2	049	6195	Full	18.88	18.93	21.04	21.36	320.00	Pass
HE20	MCS0	2	093	6415	Full	18.88	18.93	21.20	20.88	320.00	Pass
HE40	MCS0	2	003	5965	Full	37.96	37.76	41.60	41.92	320.00	Pass
HE40	MCS0	2	051	6205	Full	37.96	37.86	41.44	41.28	320.00	Pass
HE40	MCS0	2	091	6405	Full	37.76	37.96	41.60	41.60	320.00	Pass
HE80	MCS0	2	007	5985	Full	76.72	76.72	82.32	81.84	320.00	Pass
HE80	MCS0	2	055	6225	Full	76.72	76.84	82.56	82.32	320.00	Pass
HE80	MCS0	2	087	6385	Full	76.96	76.72	81.84	82.56	320.00	Pass
HE160	MCS0	2	015	6025	Full	155.13	155.37	164.64	165.12	320.00	Pass
HE160	MCS0	2	047	6185	Full	154.89	155.13	164.64	165.60	320.00	Pass
HE160	MCS0	2	079	6345	Full	155.13	155.13	165.12	164.64	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 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	001	5955	Full	5.30	5.10	8.21	1.54	1.54	9.75	24.00	Pass
HE20	MCS0	2	001	5955	26/0	-3.10	-3.50	-0.29	1.54	1.54	1.25	24.00	Pass
HE20	MCS0	2	001	5955	52/37	-0.20	-0.60	2.61	1.54	1.54	4.15	24.00	Pass
HE20	MCS0	2	001	5955	106/53	3.00	2.50	5.77	1.54	1.54	7.31	24.00	Pass
HE20	MCS0	2	049	6195	Full	4.90	4.90	7.91	1.54	1.54	9.45	24.00	Pass
HE20	MCS0	2	049	6195	26/4	-2.50	-2.40	0.56	1.54	1.54	2.10	24.00	Pass
HE20	MCS0	2	049	6195	52/38	-0.70	-0.60	2.36	1.54	1.54	3.90	24.00	Pass
HE20	MCS0	2	049	6195	106/53	2.20	2.30	5.26	1.54	1.54	6.80	24.00	Pass
HE20	MCS0	2	093	6415	Full	5.10	4.60	7.87	1.54	1.54	9.41	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-2.80	-3.40	-0.08	1.54	1.54	1.46	24.00	Pass
HE20	MCS0	2	093	6415	52/40	0.10	-0.50	2.82	1.54	1.54	4.36	24.00	Pass
HE20	MCS0	2	093	6415	106/54	2.90	2.40	5.67	1.54	1.54	7.21	24.00	Pass
HE40	MCS0	2	003	5965	Full	7.80	7.60	10.71	1.54	1.54	12.25	24.00	Pass
HE40	MCS0	2	003	5965	242/61	7.00	6.80	9.91	1.54	1.54	11.45	24.00	Pass
HE40	MCS0	2	051	6205	Full	7.70	7.70	10.71	1.54	1.54	12.25	24.00	Pass
HE40	MCS0	2	051	6205	242/61	6.40	5.80	9.12	1.54	1.54	10.66	24.00	Pass
HE40	MCS0	2	091	6405	Full	7.80	7.00	10.43	1.54	1.54	11.97	24.00	Pass
HE40	MCS0	2	091	6405	242/62	6.60	5.90	9.27	1.54	1.54	10.81	24.00	Pass
HE80	MCS0	2	007	5985	Full	9.80	9.90	12.86	1.54	1.54	14.40	24.00	Pass
HE80	MCS0	2	007	5985	484/65	9.20	9.10	12.16	1.54	1.54	13.70	24.00	Pass
HE80	MCS0	2	055	6225	Full	10.10	9.50	12.82	1.54	1.54	14.36	24.00	Pass
HE80	MCS0	2	055	6225	484/65	10.00	9.10	12.58	1.54	1.54	14.12	24.00	Pass
HE80	MCS0	2	087	6385	Full	10.00	8.70	12.41	1.54	1.54	13.95	24.00	Pass
HE80	MCS0	2	087	6385	484/66	9.70	8.40	12.11	1.54	1.54	13.65	24.00	Pass
HE160	MCS0	2	015	6025	Full	13.10	12.80	15.96	1.54	1.54	17.50	24.00	Pass
HE160	MCS0	2	015	6025	996/67	12.70	12.60	15.66	1.54	1.54	17.20	24.00	Pass
HE160	MCS0	2	047	6185	Full	12.80	12.40	15.61	1.54	1.54	17.15	24.00	Pass
HE160	MCS0	2	047	6185	996/67	13.20	12.40	15.83	1.54	1.54	17.37	24.00	Pass
HE160	MCS0	2	079	6345	Full	13.00	11.60	15.37	1.54	1.54	16.91	24.00	Pass
HE160	MCS0	2	079	6345	996/S67	12.90	11.20	15.14	1.54	1.54	16.68	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	001	5955	Full	0.66	0.66			-2.68	1.54	-1.14	-1.00	Pass	
HE20	MCS0	2	001	5955	26/0	0.64	0.64			-2.96	1.54	-1.42	-1.00	Pass	
HE20	MCS0	2	001	5955	52/37	0.64	0.64			-3.14	1.54	-1.60	-1.00	Pass	
HE20	MCS0	2	001	5955	106/53	0.67	0.67			-3.13	1.54	-1.59	-1.00	Pass	
HE20	MCS0	2	049	6195	Full	0.66	0.66			-2.91	1.54	-1.37	-1.00	Pass	
HE20	MCS0	2	049	6195	26/4	0.64	0.64			-3.09	1.54	-1.55	-1.00	Pass	
HE20	MCS0	2	049	6195	52/38	0.64	0.64			-3.37	1.54	-1.83	-1.00	Pass	
HE20	MCS0	2	049	6195	106/53	0.67	0.67			-3.24	1.54	-1.70	-1.00	Pass	
HE20	MCS0	2	093	6415	Full	0.66	0.66			-2.86	1.54	-1.32	-1.00	Pass	
HE20	MCS0	2	093	6415	26/8	0.64	0.64			-3.08	1.54	-1.54	-1.00	Pass	
HE20	MCS0	2	093	6415	52/40	0.64	0.64			-3.00	1.54	-1.46	-1.00	Pass	
HE20	MCS0	2	093	6415	106/54	0.67	0.67			-3.19	1.54	-1.65	-1.00	Pass	
HE40	MCS0	2	003	5965	Full	0.66	0.68			-2.81	1.54	-1.27	-1.00	Pass	
HE40	MCS0	2	003	5965	242/61	0.65	0.65			-3.06	1.54	-1.52	-1.00	Pass	
HE40	MCS0	2	051	6205	Full	0.66	0.68			-2.82	1.54	-1.28	-1.00	Pass	
HE40	MCS0	2	051	6205	242/61	0.65	0.65			-3.23	1.54	-1.69	-1.00	Pass	
HE40	MCS0	2	091	6405	Full	0.66	0.68			-2.97	1.54	-1.43	-1.00	Pass	
HE40	MCS0	2	091	6405	242/62	0.65	0.65			-3.42	1.54	-1.88	-1.00	Pass	
HE80	MCS0	2	007	5985	Full	0.69	0.65			-2.67	1.54	-1.13	-1.00	Pass	
HE80	MCS0	2	007	5985	484/65	0.66	0.68			-3.28	1.54	-1.74	-1.00	Pass	
HE80	MCS0	2	055	6225	Full	0.69	0.65			-2.91	1.54	-1.37	-1.00	Pass	
HE80	MCS0	2	055	6225	484/65	0.66	0.68			-3.22	1.54	-1.68	-1.00	Pass	
HE80	MCS0	2	087	6385	Full	0.69	0.65			-2.82	1.54	-1.28	-1.00	Pass	
HE80	MCS0	2	087	6385	484/66	0.66	0.68			-3.02	1.54	-1.48	-1.00	Pass	
HE160	MCS0	2	015	6025	Full	0.65	0.65			-2.55	1.54	-1.01	-1.00	Pass	
HE160	MCS0	2	015	6025	996/67	0.68	0.66			-3.05	1.54	-1.51	-1.00	Pass	
HE160	MCS0	2	047	6185	Full	0.65	0.65			-2.61	1.54	-1.07	-1.00	Pass	
HE160	MCS0	2	047	6185	996/67	0.68	0.66			-2.93	1.54	-1.39	-1.00	Pass	
HE160	MCS0	2	079	6345	Full	0.65	0.65			-2.76	1.54	-1.22	-1.00	Pass	
HE160	MCS0	2	079	6345	996/S67	0.68	0.66			-2.98	1.54	-1.44	-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 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	097	6435	Full	18.88	18.93	21.36	21.04	320.00	Pass
HE20	MCS0	2	105	6475	Full	18.88	18.93	20.80	21.20	320.00	Pass
HE20	MCS0	2	113	6515	Full	18.93	18.93	21.28	20.88	320.00	Pass
HE40	MCS0	2	099	6445	Full	37.96	37.86	41.92	41.92	320.00	Pass
HE40	MCS0	2	107	6485	Full	37.86	37.76	41.60	41.44	320.00	Pass
HE80	MCS0	2	103	6465	Full	76.72	76.84	82.56	82.08	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 6	Ant 7	Ant 6	Ant 7		
HE40	MCS0	2	115	6525	Full	37.96	37.96	41.76	41.44	320.00	Pass
HE80	MCS0	2	119	6545	Full	76.72	76.84	82.32	81.84	320.00	Pass
HE160	MCS0	2	111	6505	Full	155.37	155.37	164.64	165.12	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 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	097	6435	Full	4.90	4.30	7.62	1.48		9.10	24.00	Pass
HE20	MCS0	2	097	6435	26/0	-2.40	-3.60	0.05	1.48		1.53	24.00	Pass
HE20	MCS0	2	097	6435	52/37	0.80	-0.30	3.30	1.48		4.78	24.00	Pass
HE20	MCS0	2	097	6435	106/53	3.40	2.40	5.94	1.48		7.42	24.00	Pass
HE20	MCS0	2	105	6475	Full	5.10	4.80	7.96	1.48		9.44	24.00	Pass
HE20	MCS0	2	105	6475	26/4	-1.70	-2.20	1.07	1.48		2.55	24.00	Pass
HE20	MCS0	2	105	6475	52/38	0.50	-0.10	3.22	1.48		4.70	24.00	Pass
HE20	MCS0	2	105	6475	106/53	3.50	3.40	6.46	1.48		7.94	24.00	Pass
HE20	MCS0	2	113	6515	Full	4.80	4.80	7.81	1.48		9.29	24.00	Pass
HE20	MCS0	2	113	6515	26/8	-2.70	-3.20	0.07	1.48		1.55	24.00	Pass
HE20	MCS0	2	113	6515	52/40	0.30	-0.20	3.07	1.48		4.55	24.00	Pass
HE20	MCS0	2	113	6515	106/54	3.10	2.70	5.91	1.48		7.39	24.00	Pass
HE40	MCS0	2	099	6445	Full	7.30	6.80	10.07	1.48		11.55	24.00	Pass
HE40	MCS0	2	099	6445	242/61	6.90	6.50	9.71	1.48		11.19	24.00	Pass
HE40	MCS0	2	107	6485	Full	8.10	7.50	10.82	1.48		12.30	24.00	Pass
HE40	MCS0	2	107	6485	242/62	7.00	6.40	9.72	1.48		11.20	24.00	Pass
HE80	MCS0	2	103	6465	Full	9.70	9.20	12.47	1.48		13.95	24.00	Pass
HE80	MCS0	2	103	6465	484/65	8.70	8.30	11.51	1.48		12.99	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 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE40	MCS0	2	115	6525	Full	7.20	7.60	10.41	1.48		11.89	24.00	Pass
HE40	MCS0	2	115	6525	242/62	6.80	5.90	9.38	1.48		10.86	24.00	Pass
HE80	MCS0	2	119	6545	Full	9.60	9.80	12.71	1.48		14.19	24.00	Pass
HE80	MCS0	2	119	6545	484/65	9.20	8.60	11.92	1.48		13.40	24.00	Pass
HE160	MCS0	2	111	6505	Full	12.80	12.40	15.61	1.48		17.09	24.00	Pass
HE160	MCS0	2	111	6505	996/67	12.90	12.30	15.62	1.48		17.10	24.00	Pass
HE160	MCS0	2	111	6505	996/S67	12.40	11.40	14.94	1.48		16.42	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	097	6435	Full	0.66	0.66			-2.84	1.48	-1.36	-1.00	Pass	
HE20	MCS0	2	097	6435	26/0	0.64	0.64			-3.07	1.48	-1.59	-1.00	Pass	
HE20	MCS0	2	097	6435	52/37	0.64	0.64			-2.89	1.48	-1.41	-1.00	Pass	
HE20	MCS0	2	097	6435	106/53	0.67	0.67			-3.33	1.48	-1.85	-1.00	Pass	
HE20	MCS0	2	105	6475	Full	0.66	0.66			-2.60	1.48	-1.12	-1.00	Pass	
HE20	MCS0	2	105	6475	26/4	0.64	0.64			-3.05	1.48	-1.57	-1.00	Pass	
HE20	MCS0	2	105	6475	52/38	0.64	0.64			-2.72	1.48	-1.24	-1.00	Pass	
HE20	MCS0	2	105	6475	106/53	0.67	0.67			-3.08	1.48	-1.60	-1.00	Pass	
HE20	MCS0	2	113	6515	Full	0.66	0.66			-2.55	1.48	-1.07	-1.00	Pass	
HE20	MCS0	2	113	6515	26/8	0.64	0.64			-2.65	1.48	-1.17	-1.00	Pass	
HE20	MCS0	2	113	6515	52/40	0.64	0.64			-2.60	1.48	-1.12	-1.00	Pass	
HE20	MCS0	2	113	6515	106/54	0.67	0.67			-2.85	1.48	-1.37	-1.00	Pass	
HE40	MCS0	2	099	6445	Full	0.66	0.68			-2.84	1.48	-1.36	-1.00	Pass	
HE40	MCS0	2	099	6445	242/61	0.65	0.65			-2.87	1.48	-1.39	-1.00	Pass	
HE40	MCS0	2	107	6485	Full	0.66	0.68			-2.76	1.48	-1.28	-1.00	Pass	
HE40	MCS0	2	107	6485	242/62	0.65	0.65			-2.93	1.48	-1.45	-1.00	Pass	
HE80	MCS0	2	103	6465	Full	0.69	0.65			-2.66	1.48	-1.18	-1.00	Pass	
HE80	MCS0	2	103	6465	484/65	0.66	0.68			-3.95	1.48	-2.47	-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/MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE40	MCS0	2	115	6525	Full	0.66	0.68			-2.75	1.48	-1.27	-1.00	Pass	
HE40	MCS0	2	115	6525	242/62	0.65	0.65			-2.90	1.48	-1.42	-1.00	Pass	
HE80	MCS0	2	119	6545	Full	0.69	0.65			-2.73	1.48	-1.25	-1.00	Pass	
HE80	MCS0	2	119	6545	484/65	0.66	0.68			-3.42	1.48	-1.94	-1.00	Pass	
HE160	MCS0	2	111	6505	Full	0.65	0.65			-2.71	1.48	-1.23	-1.00	Pass	
HE160	MCS0	2	111	6505	996/67	0.68	0.66			-3.13	1.48	-1.65	-1.00	Pass	
HE160	MCS0	2	111	6505	996/S67	0.68	0.66			-3.19	1.48	-1.71	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	117	6535	Full	18.88	18.93	21.04	21.36	320.00	Pass
HE20	MCS0	2	149	6695	Full	18.98	18.93	21.28	20.96	320.00	Pass
HE20	MCS0	2	181	6855	Full	18.98	18.93	20.96	21.20	320.00	Pass
HE40	MCS0	2	123	6565	Full	37.86	37.76	41.44	41.44	320.00	Pass
HE40	MCS0	2	147	6685	Full	37.86	37.86	41.12	41.60	320.00	Pass
HE40	MCS0	2	179	6845	Full	37.96	37.86	41.76	41.60	320.00	Pass
HE80	MCS0	2	135	6625	Full	76.72	76.84	81.84	82.56	320.00	Pass
HE80	MCS0	2	151	6705	Full	76.84	76.84	82.08	81.84	320.00	Pass
HE80	MCS0	2	167	6785	Full	76.84	76.72	82.32	82.32	320.00	Pass
HE160	MCS0	2	143	6665	Full	155.13	155.37	165.12	165.60	320.00	Pass

U-NII-7 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 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	185	6875	Full	18.98	18.93	21.28	21.28	320.00	Pass
HE40	MCS0	2	187	6885	Full	37.96	37.86	41.92	42.08	320.00	Pass
HE80	MCS0	2	183	6865	Full	76.84	76.84	81.84	82.32	320.00	Pass
HE160	MCS0	2	175	6825	Full	155.37	155.13	164.64	165.12	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 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	117	6535	Full	4.70	5.10	7.91	1.36		9.27	24.00	Pass
HE20	MCS0	2	117	6535	26/0	-2.90	-3.20	-0.04	1.36		1.32	24.00	Pass
HE20	MCS0	2	117	6535	52/37	0.10	0.00	3.06	1.36		4.42	24.00	Pass
HE20	MCS0	2	117	6535	106/53	3.40	3.00	6.21	1.36		7.57	24.00	Pass
HE20	MCS0	2	149	6695	Full	5.10	5.20	8.16	1.36		9.52	24.00	Pass
HE20	MCS0	2	149	6695	26/4	-1.80	-1.90	1.16	1.36		2.52	24.00	Pass
HE20	MCS0	2	149	6695	52/38	-0.10	-0.20	2.86	1.36		4.22	24.00	Pass
HE20	MCS0	2	149	6695	106/53	3.60	2.90	6.27	1.36		7.63	24.00	Pass
HE20	MCS0	2	181	6855	Full	4.60	5.60	8.14	1.36		9.50	24.00	Pass
HE20	MCS0	2	181	6855	26/8	-3.00	-2.20	0.43	1.36		1.79	24.00	Pass
HE20	MCS0	2	181	6855	52/40	-0.10	0.80	3.38	1.36		4.74	24.00	Pass
HE20	MCS0	2	181	6855	106/54	3.00	3.10	6.06	1.36		7.42	24.00	Pass
HE40	MCS0	2	123	6565	Full	7.70	8.10	10.91	1.36		12.27	24.00	Pass
HE40	MCS0	2	123	6565	242/61	7.20	7.00	10.11	1.36		11.47	24.00	Pass
HE40	MCS0	2	147	6685	Full	7.40	7.90	10.67	1.36		12.03	24.00	Pass
HE40	MCS0	2	147	6685	242/61	7.30	6.70	10.02	1.36		11.38	24.00	Pass
HE40	MCS0	2	179	6845	Full	7.00	8.10	10.60	1.36		11.96	24.00	Pass
HE40	MCS0	2	179	6845	242/62	6.30	7.50	9.95	1.36		11.31	24.00	Pass
HE80	MCS0	2	135	6625	Full	9.90	9.90	12.91	1.36		14.27	24.00	Pass
HE80	MCS0	2	135	6625	484/65	9.90	9.10	12.53	1.36		13.89	24.00	Pass
HE80	MCS0	2	151	6705	Full	9.70	9.70	12.71	1.36		14.07	24.00	Pass
HE80	MCS0	2	151	6705	484/65	9.10	8.70	11.91	1.36		13.27	24.00	Pass
HE80	MCS0	2	167	6785	Full	9.90	9.60	12.76	1.36		14.12	24.00	Pass
HE80	MCS0	2	167	6785	484/66	9.00	9.40	12.21	1.36		13.57	24.00	Pass
HE160	MCS0	2	143	6665	Full	12.60	12.40	15.51	1.36		16.87	24.00	Pass
HE160	MCS0	2	143	6665	996/67	12.70	12.20	15.47	1.36		16.83	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 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	185	6875	Full	4.80	5.90	8.40	1.36		9.76	24.00	Pass
HE20	MCS0	2	185	6875	26/8	-2.80	-2.00	0.63	1.36		1.99	24.00	Pass
HE20	MCS0	2	185	6875	52/40	-0.20	0.80	3.34	1.36		4.70	24.00	Pass
HE20	MCS0	2	185	6875	106/54	3.10	3.40	6.26	1.36		7.62	24.00	Pass
HE40	MCS0	2	187	6885	Full	7.50	8.80	11.21	1.36		12.57	24.00	Pass
HE40	MCS0	2	187	6885	242/62	6.00	7.20	9.65	1.36		11.01	24.00	Pass
HE80	MCS0	2	183	6865	Full	10.30	10.30	13.31	1.36		14.67	24.00	Pass
HE80	MCS0	2	183	6865	484/66	9.40	10.40	12.94	1.36		14.30	24.00	Pass
HE160	MCS0	2	175	6825	Full	13.10	13.00	16.06	1.36		17.42	24.00	Pass
HE160	MCS0	2	175	6825	996/67	12.70	12.50	15.61	1.36		16.97	24.00	Pass
HE160	MCS0	2	175	6825	996/S67	12.00	12.40	15.21	1.36		16.57	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	117	6535	Full	0.66	0.66			-2.55	1.36	-1.19	-1.00	Pass	
HE20	MCS0	2	117	6535	26/0	0.64	0.64			-3.01	1.36	-1.65	-1.00	Pass	
HE20	MCS0	2	117	6535	52/37	0.64	0.64			-2.95	1.36	-1.59	-1.00	Pass	
HE20	MCS0	2	117	6535	106/53	0.67	0.67			-2.81	1.36	-1.45	-1.00	Pass	
HE20	MCS0	2	149	6695	Full	0.66	0.66			-2.54	1.36	-1.18	-1.00	Pass	
HE20	MCS0	2	149	6695	26/4	0.64	0.64			-2.84	1.36	-1.48	-1.00	Pass	
HE20	MCS0	2	149	6695	52/38	0.64	0.64			-2.87	1.36	-1.51	-1.00	Pass	
HE20	MCS0	2	149	6695	106/53	0.67	0.67			-2.64	1.36	-1.28	-1.00	Pass	
HE20	MCS0	2	181	6855	Full	0.66	0.66			-2.67	1.36	-1.31	-1.00	Pass	
HE20	MCS0	2	181	6855	26/8	0.64	0.64			-2.80	1.36	-1.44	-1.00	Pass	
HE20	MCS0	2	181	6855	52/40	0.64	0.64			-2.84	1.36	-1.48	-1.00	Pass	
HE20	MCS0	2	181	6855	106/54	0.67	0.67			-2.76	1.36	-1.40	-1.00	Pass	
HE40	MCS0	2	123	6565	Full	0.66	0.68			-2.53	1.36	-1.17	-1.00	Pass	
HE40	MCS0	2	123	6565	242/61	0.65	0.65			-2.56	1.36	-1.20	-1.00	Pass	
HE40	MCS0	2	147	6685	Full	0.66	0.68			-2.47	1.36	-1.11	-1.00	Pass	
HE40	MCS0	2	147	6685	242/61	0.65	0.65			-2.57	1.36	-1.21	-1.00	Pass	
HE40	MCS0	2	179	6845	Full	0.66	0.68			-2.62	1.36	-1.26	-1.00	Pass	
HE40	MCS0	2	179	6845	242/62	0.65	0.65			-2.67	1.36	-1.31	-1.00	Pass	
HE80	MCS0	2	135	6625	Full	0.69	0.65			-2.55	1.36	-1.19	-1.00	Pass	
HE80	MCS0	2	135	6625	484/65	0.66	0.68			-2.97	1.36	-1.61	-1.00	Pass	
HE80	MCS0	2	151	6705	Full	0.69	0.65			-2.78	1.36	-1.42	-1.00	Pass	
HE80	MCS0	2	151	6705	484/65	0.66	0.68			-3.59	1.36	-2.23	-1.00	Pass	
HE80	MCS0	2	167	6785	Full	0.69	0.65			-2.65	1.36	-1.29	-1.00	Pass	
HE80	MCS0	2	167	6785	484/66	0.66	0.68			-3.12	1.36	-1.76	-1.00	Pass	
HE160	MCS0	2	143	6665	Full	0.65	0.65			-2.58	1.36	-1.22	-1.00	Pass	
HE160	MCS0	2	143	6665	996/67	0.68	0.66			-2.93	1.36	-1.57	-1.00	Pass	

U-NII-7 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/MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	185	6875	Full	0.66	0.66			-2.74	1.36	-1.38	-1.00	Pass	
HE20	MCS0	2	185	6875	26/8	0.64	0.64			-2.87	1.36	-1.51	-1.00	Pass	
HE20	MCS0	2	185	6875	52/40	0.64	0.64			-3.18	1.36	-1.82	-1.00	Pass	
HE20	MCS0	2	185	6875	106/54	0.67	0.67			-2.96	1.36	-1.60	-1.00	Pass	
HE40	MCS0	2	187	6885	Full	0.66	0.68			-2.43	1.36	-1.07	-1.00	Pass	
HE40	MCS0	2	187	6885	242/62	0.65	0.65			-2.87	1.36	-1.51	-1.00	Pass	
HE80	MCS0	2	183	6865	Full	0.69	0.65			-2.47	1.36	-1.11	-1.00	Pass	
HE80	MCS0	2	183	6865	484/66	0.66	0.68			-2.87	1.36	-1.51	-1.00	Pass	
HE160	MCS0	2	175	6825	Full	0.65	0.65			-2.38	1.36	-1.02	-1.00	Pass	
HE160	MCS0	2	175	6825	996/67	0.68	0.66			-2.90	1.36	-1.54	-1.00	Pass	
HE160	MCS0	2	175	6825	996/S67	0.68	0.66			-2.78	1.36	-1.42	-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 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	189	6895	Full	18.98	18.93	21.28	21.44	320.00	Pass
HE20	MCS0	2	209	6995	Full	18.98	18.93	20.96	21.04	320.00	Pass
HE20	MCS0	2	229	7095	Full	18.88	18.93	21.12	21.04	320.00	Pass
HE20	MCS0	2	233	7115	Full	18.88	18.88	21.12	21.12	320.00	Pass
HE40	MCS0	2	195	6925	Full	37.96	37.96	41.44	41.28	320.00	Pass
HE40	MCS0	2	211	7005	Full	37.96	37.96	41.60	41.60	320.00	Pass
HE40	MCS0	2	227	7085	Full	37.86	37.76	41.60	40.96	320.00	Pass
HE80	MCS0	2	199	6945	Full	76.72	76.84	82.32	82.08	320.00	Pass
HE80	MCS0	2	215	7025	Full	76.60	76.96	81.36	81.84	320.00	Pass
HE160	MCS0	2	207	6985	Full	154.89	154.89	164.64	164.16	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 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	189	6895	Full	4.90	5.90	8.44	1.36		9.80	24.00	Pass
HE20	MCS0	2	189	6895	26/0	-2.40	-2.00	0.81	1.36		2.17	24.00	Pass
HE20	MCS0	2	189	6895	52/37	-0.10	0.70	3.33	1.36		4.69	24.00	Pass
HE20	MCS0	2	189	6895	106/53	3.30	3.60	6.46	1.36		7.82	24.00	Pass
HE20	MCS0	2	209	6995	Full	4.90	6.00	8.50	1.36		9.86	24.00	Pass
HE20	MCS0	2	209	6995	26/4	-1.80	-0.90	1.68	1.36		3.04	24.00	Pass
HE20	MCS0	2	209	6995	52/38	-0.20	0.80	3.34	1.36		4.70	24.00	Pass
HE20	MCS0	2	209	6995	106/53	2.90	3.60	6.27	1.36		7.63	24.00	Pass
HE20	MCS0	2	229	7095	Full	5.60	6.20	8.92	1.36		10.28	24.00	Pass
HE20	MCS0	2	229	7095	26/8	-2.90	-2.90	0.11	1.36		1.47	24.00	Pass
HE20	MCS0	2	229	7095	52/40	0.00	0.10	3.06	1.36		4.42	24.00	Pass
HE20	MCS0	2	229	7095	106/54	3.00	3.20	6.11	1.36		7.47	24.00	Pass
HE20	MCS0	2	233	7115	Full	5.20	5.80	8.52	1.36		9.88	24.00	Pass
HE20	MCS0	2	233	7115	26/8	-3.50	-3.20	-0.34	1.36		1.02	24.00	Pass
HE20	MCS0	2	233	7115	52/40	-0.50	-0.20	2.66	1.36		4.02	24.00	Pass
HE20	MCS0	2	233	7115	106/54	2.50	2.90	5.71	1.36		7.07	24.00	Pass
HE40	MCS0	2	195	6925	Full	7.10	8.40	10.81	1.36		12.17	24.00	Pass
HE40	MCS0	2	195	6925	242/61	6.50	7.40	9.98	1.36		11.34	24.00	Pass
HE40	MCS0	2	211	7005	Full	6.50	7.70	10.15	1.36		11.51	24.00	Pass
HE40	MCS0	2	211	7005	242/62	5.80	6.50	9.17	1.36		10.53	24.00	Pass
HE40	MCS0	2	227	7085	Full	6.90	7.60	10.27	1.36		11.63	24.00	Pass
HE40	MCS0	2	227	7085	242/62	6.30	6.10	9.21	1.36		10.57	24.00	Pass
HE80	MCS0	2	199	6945	Full	9.90	10.40	13.17	1.36		14.53	24.00	Pass
HE80	MCS0	2	199	6945	484/65	9.70	10.10	12.91	1.36		14.27	24.00	Pass
HE80	MCS0	2	215	7025	Full	9.10	10.00	12.58	1.36		13.94	24.00	Pass
HE80	MCS0	2	215	7025	484/66	9.20	9.60	12.41	1.36		13.77	24.00	Pass
HE160	MCS0	2	207	6985	Full	12.60	13.50	16.08	1.36		17.44	24.00	Pass
HE160	MCS0	2	207	6985	996/67	12.60	13.30	15.97	1.36		17.33	24.00	Pass
HE160	MCS0	2	207	6985	996/S67	12.00	12.60	15.32	1.36		16.68	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 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7			
HE20	MCS0	2	189	6895	Full	0.66	0.66			-2.65	1.36	-1.29	-1.00	Pass	
HE20	MCS0	2	189	6895	26/0	0.64	0.64			-2.78	1.36	-1.42	-1.00	Pass	
HE20	MCS0	2	189	6895	52/37	0.64	0.64			-3.24	1.36	-1.88	-1.00	Pass	
HE20	MCS0	2	189	6895	106/53	0.67	0.67			-2.71	1.36	-1.35	-1.00	Pass	
HE20	MCS0	2	209	6995	Full	0.66	0.66			-2.69	1.36	-1.33	-1.00	Pass	
HE20	MCS0	2	209	6995	26/4	0.64	0.64			-2.70	1.36	-1.34	-1.00	Pass	
HE20	MCS0	2	209	6995	52/38	0.64	0.64			-2.98	1.36	-1.62	-1.00	Pass	
HE20	MCS0	2	209	6995	106/53	0.67	0.67			-3.28	1.36	-1.92	-1.00	Pass	
HE20	MCS0	2	229	7095	Full	0.66	0.66			-2.38	1.36	-1.02	-1.00	Pass	
HE20	MCS0	2	229	7095	26/8	0.64	0.64			-2.65	1.36	-1.29	-1.00	Pass	
HE20	MCS0	2	229	7095	52/40	0.64	0.64			-2.50	1.36	-1.14	-1.00	Pass	
HE20	MCS0	2	229	7095	106/54	0.67	0.67			-2.87	1.36	-1.51	-1.00	Pass	
HE20	MCS0	2	233	7115	Full	0.66	0.66			-2.56	1.36	-1.20	-1.00	Pass	
HE20	MCS0	2	233	7115	26/8	0.64	0.64			-3.01	1.36	-1.65	-1.00	Pass	
HE20	MCS0	2	233	7115	52/40	0.64	0.64			-2.87	1.36	-1.51	-1.00	Pass	
HE20	MCS0	2	233	7115	106/54	0.67	0.67			-2.75	1.36	-1.39	-1.00	Pass	
HE40	MCS0	2	195	6925	Full	0.66	0.68			-2.40	1.36	-1.04	-1.00	Pass	
HE40	MCS0	2	195	6925	242/61	0.65	0.65			-2.82	1.36	-1.46	-1.00	Pass	
HE40	MCS0	2	211	7005	Full	0.66	0.68			-2.77	1.36	-1.41	-1.00	Pass	
HE40	MCS0	2	211	7005	242/62	0.65	0.65			-2.97	1.36	-1.61	-1.00	Pass	
HE40	MCS0	2	227	7085	Full	0.66	0.68			-2.81	1.36	-1.45	-1.00	Pass	
HE40	MCS0	2	227	7085	242/62	0.65	0.65			-3.15	1.36	-1.79	-1.00	Pass	
HE80	MCS0	2	199	6945	Full	0.69	0.65			-2.42	1.36	-1.06	-1.00	Pass	
HE80	MCS0	2	199	6945	484/65	0.66	0.68			-2.88	1.36	-1.52	-1.00	Pass	
HE80	MCS0	2	215	7025	Full	0.69	0.65			-2.75	1.36	-1.39	-1.00	Pass	
HE80	MCS0	2	215	7025	484/66	0.66	0.68			-2.81	1.36	-1.45	-1.00	Pass	
HE160	MCS0	2	207	6985	Full	0.65	0.65			-2.59	1.36	-1.23	-1.00	Pass	
HE160	MCS0	2	207	6985	996/67	0.68	0.66			-2.64	1.36	-1.28	-1.00	Pass	
HE160	MCS0	2	207	6985	996/S67	0.68	0.66			-2.75	1.36	-1.39	-1.00	Pass	



Appendix B. AC Conducted Emission Test Results

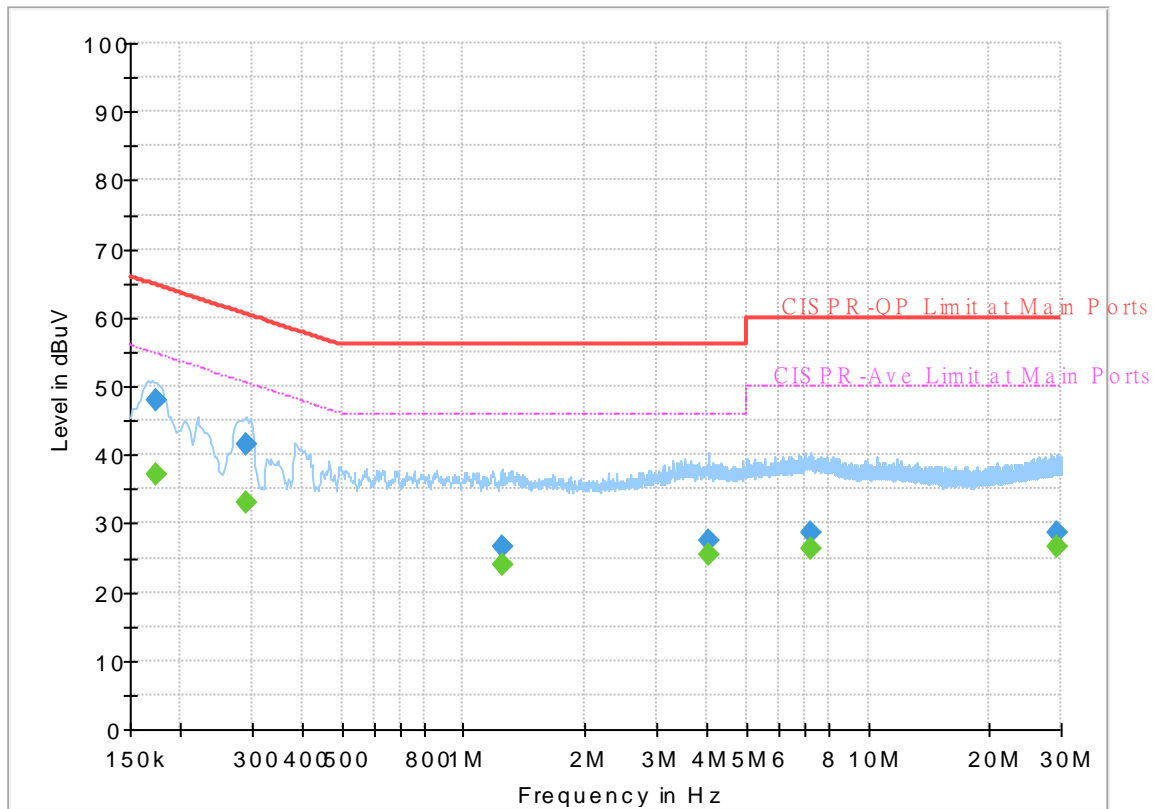
Test Engineer :	LI YAN-XUN	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 362117

Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

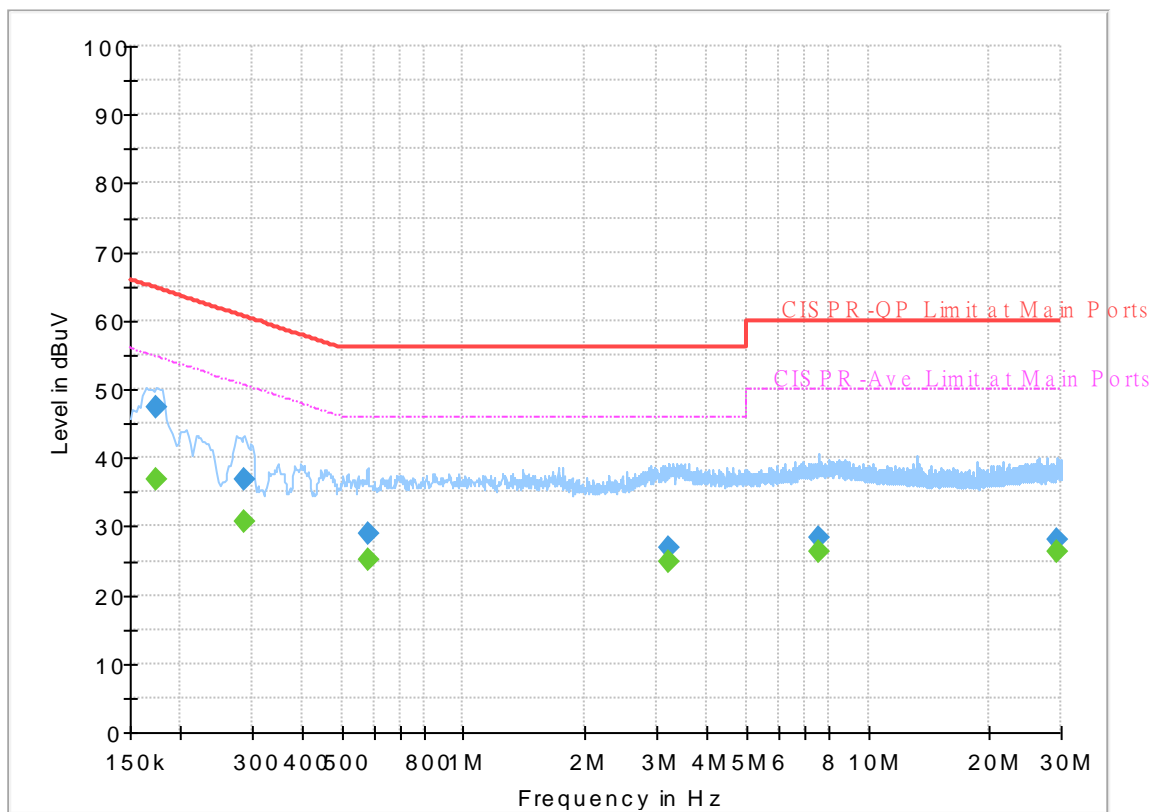
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.174750	---	37.24	54.73	17.49	L1	OFF	19.8
0.174750	48.08	---	64.73	16.65	L1	OFF	19.8
0.291750	---	32.97	50.47	17.50	L1	OFF	19.9
0.291750	41.44	---	60.47	19.03	L1	OFF	19.9
1.243500	---	23.98	46.00	22.02	L1	OFF	19.9
1.243500	26.62	---	56.00	29.38	L1	OFF	19.9
4.038000	---	25.51	46.00	20.49	L1	OFF	20.0
4.038000	27.63	---	56.00	28.37	L1	OFF	20.0
7.203750	---	26.44	50.00	23.56	L1	OFF	20.1
7.203750	28.69	---	60.00	31.31	L1	OFF	20.1
29.400000	---	26.66	50.00	23.34	L1	OFF	20.6
29.400000	28.59	---	60.00	31.41	L1	OFF	20.6

EUT Information

Report NO : 362117

Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.174750	---	36.98	54.73	17.75	N	OFF	19.8
0.174750	47.25	---	64.73	17.48	N	OFF	19.8
0.287250	---	30.63	50.60	19.97	N	OFF	19.9
0.287250	36.86	---	60.60	23.74	N	OFF	19.9
0.579750	---	25.16	46.00	20.84	N	OFF	19.9
0.579750	28.98	---	56.00	27.02	N	OFF	19.9
3.221250	---	24.87	46.00	21.13	N	OFF	19.9
3.221250	26.82	---	56.00	29.18	N	OFF	19.9
7.550250	---	26.30	50.00	23.70	N	OFF	20.1
7.550250	28.47	---	60.00	31.53	N	OFF	20.1
29.442750	---	26.33	50.00	23.67	N	OFF	20.8
29.442750	28.04	---	60.00	31.96	N	OFF	20.8



Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li, Troye Hsieh, Sam Chou and Yuan Lee	Temperature :	20.1~21.8°C
		Relative Humidity :	55.8~66.6%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 01 5955MHz		5905.78	52.78	-35.42	88.2	40.75	34.39	11.29	33.65	100	104	P	H	
		5892.2	43.24	-24.96	68.2	31.22	34.37	11.3	33.65	100	104	A	H	
	*	5955	99.99	-	-	88.11	34.29	11.25	33.66	100	104	P	H	
	*	5955	92.71	-	-	80.83	34.29	11.25	33.66	100	104	A	H	
			5908.58	53.42	-34.78	88.2	41.4	34.38	11.29	33.65	300	115	P	V
			5893.6	43.19	-25.01	68.2	31.17	34.37	11.3	33.65	300	115	A	V
	*		5955	97.99	-	-	86.11	34.29	11.25	33.66	300	115	P	V
	*		5955	89.78	-	-	77.9	34.29	11.25	33.66	300	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 01 5955MHz		11910	47.89	-26.11	74	52.65	38.82	18.77	62.35	-	-	P	H
		17865	50.84	-23.16	74	42.66	41.01	23.54	56.37	-	-	P	H
		17865	41.18	-12.82	54	33	41.01	23.54	56.37	-	-	A	H
			11910	47.21	-26.79	74	51.97	38.82	18.77	62.35	-	-	P
		17865	50.29	-23.71	74	42.11	41.01	23.54	56.37	-	-	P	V
		17865	40.07	-13.93	54	31.89	41.01	23.54	56.37	-	-	A	V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 49 6195MHz		12390	46.17	-27.83	74	50.89	39.1	19.27	63.09	-	-	P	H	
		18585	36.79	-37.21	74	40.9	37.67	13.87	55.65	-	-	P	H	
			12390	46.91	-27.09	74	51.63	39.1	19.27	63.09	-	-	P	V
			18585	36.08	-37.92	74	40.19	37.67	13.87	55.65	-	-	P	V



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 93 6415MHz		12830	47.87	-40.33	88.2	51.22	39.6	19.8	62.75	-	-	P	H	
		19245	36.52	-37.48	74	39.52	37.9	14.4	55.3	-	-	P	H	
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 01 5955MHz		5833.26	53.71	-34.49	88.2	41.84	34.17	11.35	33.65	-	-	P	H	
		5894.86	43.06	-25.14	68.2	31.03	34.38	11.3	33.65	-	-	A	H	
	*	5955	103.2	-	-	91.32	34.29	11.25	33.66	-	-	P	H	
	*	5955	95.3	-	-	83.42	34.29	11.25	33.66	-	-	A	H	
			5869.52	53.88	-34.32	88.2	41.93	34.28	11.32	33.65	-	-	P	V
			5901.16	42.98	-25.22	68.2	30.94	34.4	11.29	33.65	-	-	A	V
	*		5955	99.16	-	-	87.28	34.29	11.25	33.66	-	-	P	V
	*		5955	91.58	-	-	79.7	34.29	11.25	33.66	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 5955MHz		11910	46.98	-27.02	74	51.74	38.82	18.77	62.35	-	-	P	H
		17865	50.03	-23.97	74	41.85	41.01	23.54	56.37	-	-	P	H
		17865	40.37	-13.63	54	32.19	41.01	23.54	56.37	-	-	A	H



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 49 6195MHz		12390	46.34	-27.66	74	51.06	39.1	19.27	63.09	-	-	P	H	
		18585	35.23	-38.77	74	39.34	37.67	13.87	55.65	-	-	P	H	
			12390	45.45	-28.55	74	50.17	39.1	19.27	63.09	-	-	P	V
			18585	34.98	-39.02	74	39.09	37.67	13.87	55.65	-	-	P	V



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 93 6415MHz		12830	47.5	-40.7	88.2	50.85	39.6	19.8	62.75	-	-	P	H	
		19245	35.49	-38.51	74	38.49	37.9	14.4	55.3	-	-	P	H	
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Partial 106/53 CH 01 5955MHz		5841.52	53.39	-34.81	88.2	41.52	34.18	11.34	33.65	100	104	P	H	
		5884.08	42.84	-25.36	68.2	30.84	34.34	11.31	33.65	100	104	A	H	
	*	5955	102.55	-	-	90.67	34.29	11.25	33.66	100	104	P	H	
	*	5955	93.44	-	-	81.56	34.29	11.25	33.66	100	104	A	H	
			5920.06	54.46	-33.74	88.2	42.47	34.36	11.28	33.65	351	113	P	V
			5895.42	42.86	-25.34	68.2	30.83	34.38	11.3	33.65	351	113	A	V
	*		5955	99.61	-	-	87.73	34.29	11.25	33.66	351	113	P	V
	*		5955	91.3	-	-	79.42	34.29	11.25	33.66	351	113	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 03 5965MHz		5908.84	54.05	-34.15	88.2	42.03	34.38	11.29	33.65	100	105	P	H	
		5917.08	43.81	-24.39	68.2	31.81	34.37	11.28	33.65	100	105	A	H	
	*	5965	102.53	-	-	90.67	34.27	11.25	33.66	100	105	P	H	
	*	5965	94.72	-	-	82.86	34.27	11.25	33.66	100	105	A	H	
			5917.4	52.35	-35.85	88.2	40.35	34.37	11.28	33.65	350	109	P	V
			5911.64	43.35	-24.85	68.2	31.33	34.38	11.29	33.65	350	109	A	V
	*		5965	100.81	-	-	88.95	34.27	11.25	33.66	350	109	P	V
	*		5965	92.07	-	-	80.21	34.27	11.25	33.66	350	109	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz		11930	46.54	-27.46	74	51.3	38.86	18.78	62.4	-	-	P	H
		17895	49.54	-24.46	74	40.88	41.43	23.55	56.32	-	-	P	H
		17895	39.88	-14.12	54	31.22	41.43	23.55	56.32	-	-	A	H



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 51 6205MHz		12410	46.65	-27.35	74	51.37	39.1	19.29	63.11	-	-	P	H	
		18615	35.06	-38.94	74	39.06	37.73	13.9	55.63	-	-	P	H	
			12410	46.19	-27.81	74	50.91	39.1	19.29	63.11	-	-	P	V
			18615	34.61	-39.39	74	38.61	37.73	13.9	55.63	-	-	P	V



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 91 6405MHz		12810	47.7	-40.5	88.2	51.1	39.6	19.78	62.78	-	-	P	H	
		19215	35.17	-38.83	74	38.18	37.93	14.37	55.31	-	-	P	H	
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



**Band 5 5925~6425MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Partial 242/61 CH 03 5965MHz		5912.28	53.8	-34.4	88.2	41.78	34.38	11.29	33.65	100	104	P	H	
		5908.28	43.51	-24.69	68.2	31.49	34.38	11.29	33.65	100	104	A	H	
	*	5965	103.15	-	-	91.29	34.27	11.25	33.66	100	104	P	H	
	*	5965	94.4	-	-	82.54	34.27	11.25	33.66	100	104	A	H	
			5910.92	52.87	-35.33	88.2	40.85	34.38	11.29	33.65	301	116	P	V
			5911.72	43.42	-24.78	68.2	31.4	34.38	11.29	33.65	301	116	A	V
	*		5965	100.46	-	-	88.6	34.27	11.25	33.66	301	116	P	V
	*		5965	92.29	-	-	80.43	34.27	11.25	33.66	301	116	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 07 5985MHz		5870.28	53.16	-35.04	88.2	41.21	34.28	11.32	33.65	100	106	P	H	
		5923.4	44.31	-23.89	68.2	32.33	34.35	11.28	33.65	100	106	A	H	
	*	5985	104.65	-	-	92.85	34.23	11.23	33.66	100	106	P	H	
	*	5985	95.5	-	-	83.7	34.23	11.23	33.66	100	106	A	H	
			5904.84	53.35	-34.85	88.2	41.32	34.39	11.29	33.65	300	110	P	V
			5870.44	43.81	-24.39	68.2	31.86	34.28	11.32	33.65	300	110	A	V
		*	5985	100.21	-	-	88.41	34.23	11.23	33.66	300	110	P	V
		*	5985	91.94	-	-	80.14	34.23	11.23	33.66	300	110	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		11940	46.82	-27.18	74	51.6	38.88	18.77	62.43	-	-	P	H
		17955	49.62	-24.38	74	40.32	41.92	23.58	56.2	-	-	P	H
		17955	39.96	-14.04	54	30.66	41.92	23.58	56.2	-	-	A	H



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 55 6225MHz		12450	46.19	-27.81	74	50.91	39.1	19.35	63.17	-	-	P	H
		18675	36.32	-37.68	74	40.13	37.85	13.94	55.6	-	-	P	H
			12450	46.06	-27.94	74	50.78	39.1	19.35	63.17	-	-	P
		18675	34.42	-39.58	74	38.23	37.85	13.94	55.6	-	-	P	V



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 87 6385MHz		12770	46.73	-41.47	88.2	50.35	39.48	19.74	62.84	-	-	P	H	
		19155	35.87	-38.13	74	38.91	37.98	14.32	55.34	-	-	P	H	
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 5 5925~6425MHz
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Partial 484/65 CH 07 5985MHz		5924.2	65.72	-22.48	88.2	52.46	34.35	12.56	33.65	100	106	P	H	
		5924.52	48.93	-19.27	68.2	35.67	34.35	12.56	33.65	100	106	A	H	
	*	5985	105.13	-	-	92.05	34.23	12.51	33.66	100	106	P	H	
	*	5985	97.23	-	-	84.15	34.23	12.51	33.66	100	106	A	H	
			5916.52	59.19	-29.01	88.2	45.91	34.37	12.56	33.65	298	114	P	V
			5920.52	46.09	-22.11	68.2	32.82	34.36	12.56	33.65	298	114	A	V
	*		5985	105.25	-	-	92.17	34.23	12.51	33.66	298	114	P	V
	*		5985	94.68	-	-	81.6	34.23	12.51	33.66	298	114	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5916.2	62.64	-25.56	88.2	50.64	34.37	11.28	33.65	100	103	P	H
		5896.68	54.85	-13.35	68.2	42.81	34.39	11.3	33.65	100	103	A	H
	*	6025	104.21	-	-	92.42	34.2	11.27	33.68	100	103	P	H
	*	6025	96.23	-	-	84.44	34.2	11.27	33.68	100	103	A	H
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		12050	46.55	-27.45	74	51.24	39.1	18.86	62.65	-	-	P	H
		18075	33.44	-40.56	74	38.18	37.73	13.49	55.96	-	-	P	H
		12050	47.2	-26.8	74	51.89	39.1	18.86	62.65	-	-	P	V
		18075	36.28	-37.72	74	41.02	37.73	13.49	55.96	-	-	P	V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 47 6185MHz		12370	47.05	-26.95	74	51.76	39.1	19.25	63.06	-	-	P	H
		18555	33.82	-40.18	74	38.03	37.61	13.85	55.67	-	-	P	H



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Full CH 79 6345MHz		12690	46.59	-27.41	74	50.72	39.2	19.63	62.96	-	-	P	H	
		19035	35.62	-38.38	74	38.72	38.07	14.22	55.39	-	-	P	H	
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 5 5925~6425MHz
WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Partial 996/67 CH 15 6025MHz		5895.72	74.41	-13.79	88.2	61.1	34.38	12.58	33.65	100	104	P	H	
		5900.52	58.44	-9.76	68.2	45.12	34.4	12.57	33.65	100	104	A	H	
	*	6025	107.08	-	-	94.01	34.2	12.55	33.68	100	104	P	H	
	*	6025	96.23	-	-	83.16	34.2	12.55	33.68	100	104	A	H	
			5912.68	70.71	-17.49	88.2	57.42	34.37	12.57	33.65	302	115	P	V
			5892.2	54.8	-13.4	68.2	41.5	34.37	12.58	33.65	302	115	A	V
	*		6025	102.32	-	-	89.25	34.2	12.55	33.68	302	115	P	V
	*		6025	93.63	-	-	80.56	34.2	12.55	33.68	302	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 6 6425~6525MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 97 6435MHz		12870	48.87	-39.33	88.2	51.98	39.74	19.85	62.7	-	-	P	H	
		19305	34.92	-39.08	74	37.89	37.86	14.45	55.28	-	-	P	H	
			12870	47.76	-40.44	88.2	50.87	39.74	19.85	62.7	-	-	P	V
			19305	35.72	-38.28	74	38.69	37.86	14.45	55.28	-	-	P	V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 105 6475MHz		12950	47.67	-40.53	88.2	50.45	39.85	19.95	62.58	-	-	P	H	
		19425	35.23	-38.77	74	38.14	37.76	14.56	55.23	-	-	P	H	
			12950	47.58	-40.62	88.2	50.36	39.85	19.95	62.58	-	-	P	V
			19425	34.84	-39.16	74	37.75	37.76	14.56	55.23	-	-	P	V



WiFi Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 113 6515MHz		13030	47.8	-40.4	88.2	50.44	39.84	20.03	62.51	-	-	P	H
		19545	36.22	-37.78	74	38.97	37.77	14.66	55.18	-	-	P	H
		13030	48.54	-39.66	88.2	51.18	39.84	20.03	62.51	-	-	P	V
		19545	35.56	-38.44	74	38.31	37.77	14.66	55.18	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 6 6425~6525MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 6+7, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Contains data for frequencies 12870 and 19305 MHz.



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 105 6475MHz		12950	47.68	-40.52	88.2	50.46	39.85	19.95	62.58	-	-	P	H	
		19425	36.28	-37.72	74	39.19	37.76	14.56	55.23	-	-	P	H	
			12950	47.3	-40.9	88.2	50.08	39.85	19.95	62.58	-	-	P	V
			19425	34.31	-39.69	74	37.22	37.76	14.56	55.23	-	-	P	V