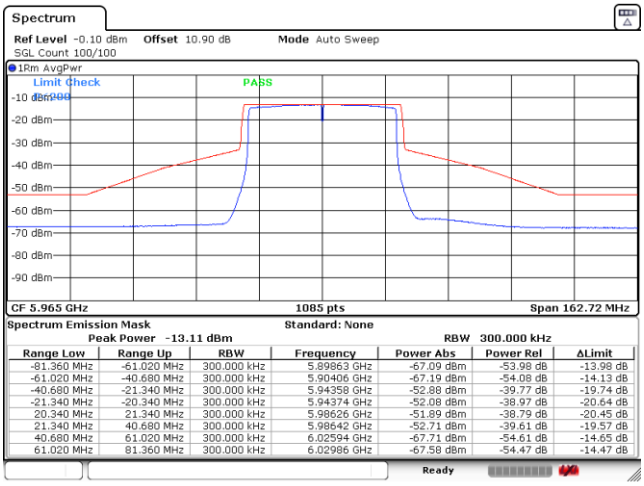
EUT Mode :	802.11ax HE40 Full RU

Plot on Channel 5965MHz



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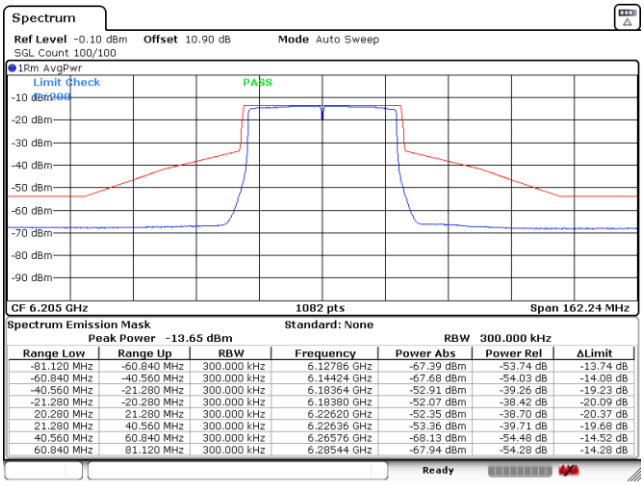
Plot on Channel 6205MHz



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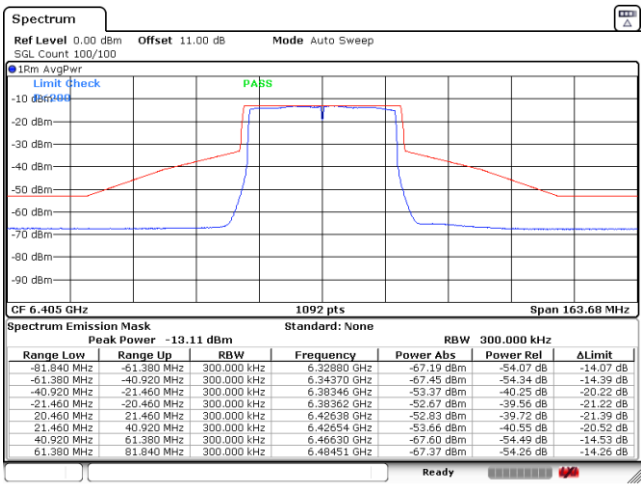
Plot on Channel 6405MHz



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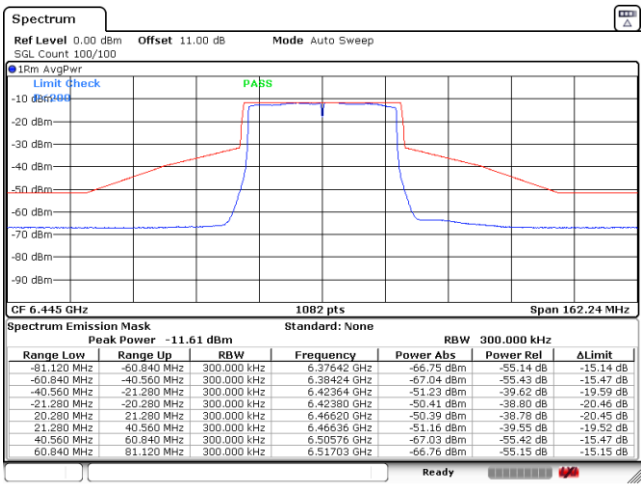
Plot on Channel 6445MHz



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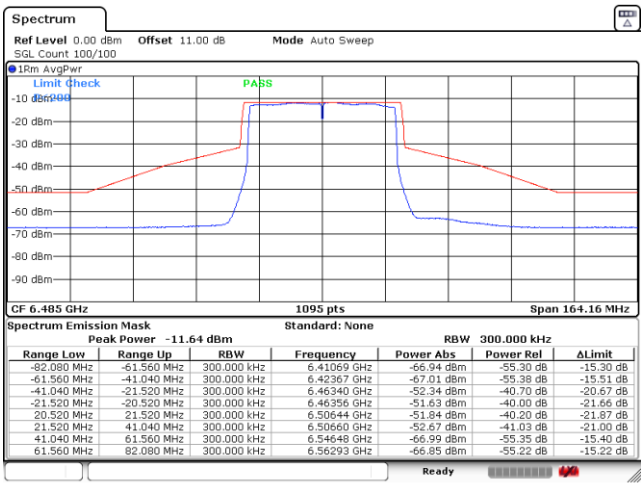
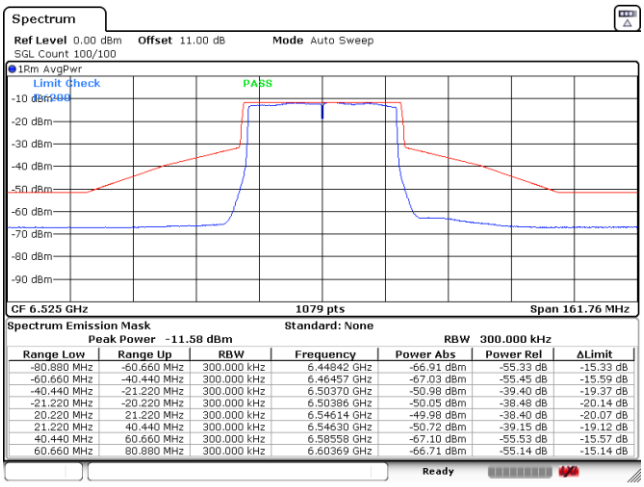
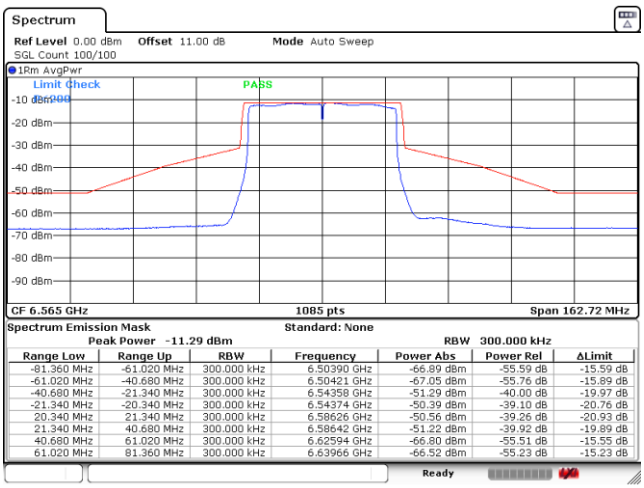
Plot on Channel 6485MHz



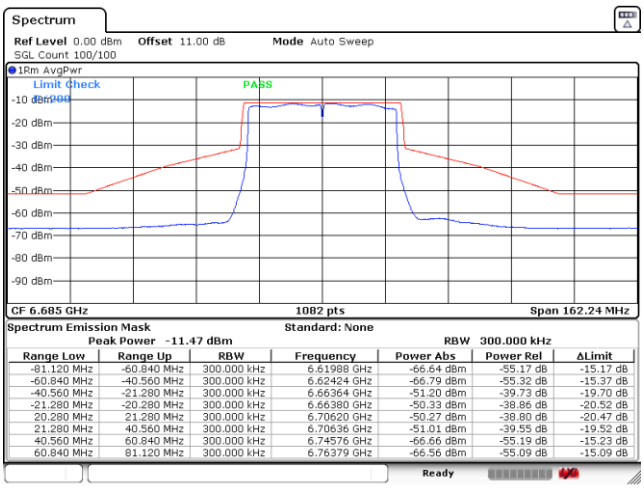
Plot on Channel 6525MHz



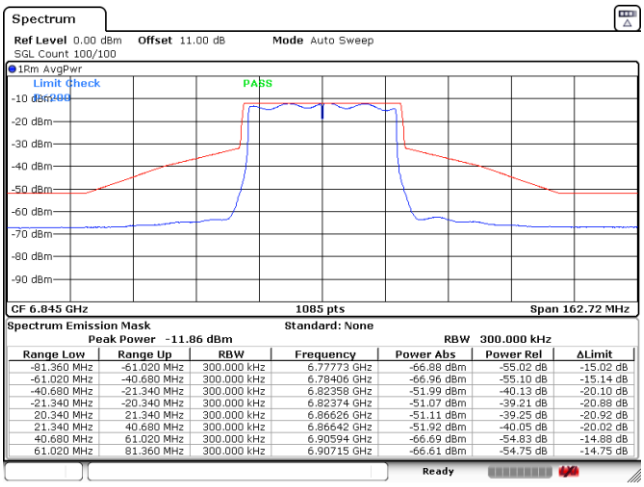
Plot on Channel 6565MHz



Plot on Channel 6685MHz



Plot on Channel 6845MHz



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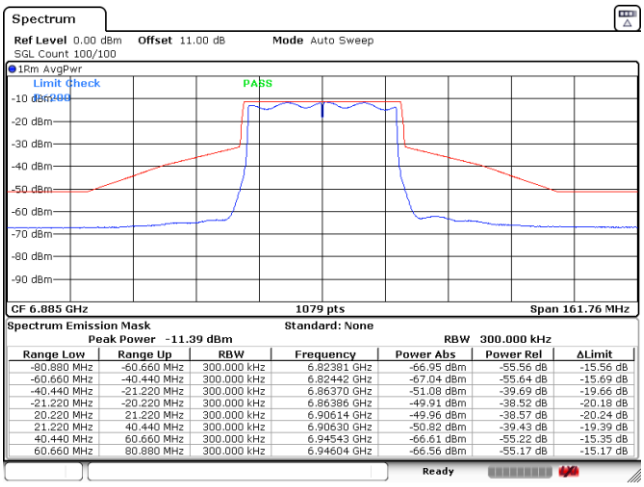
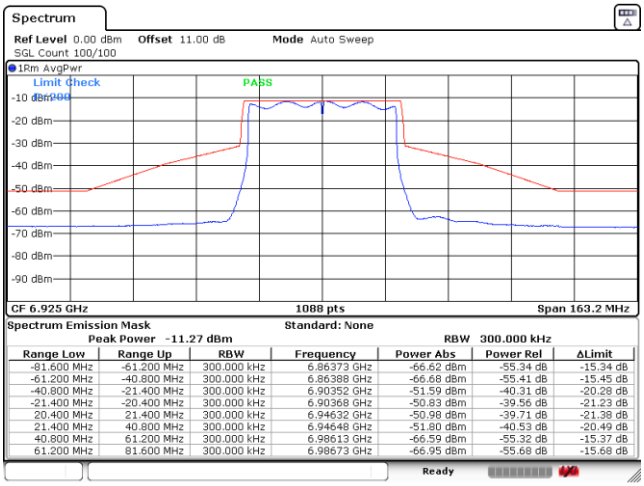
Plot on Channel 6885MHz



Date: 16.MAY.2023 16:14:11

Plot on Channel 6925MHz



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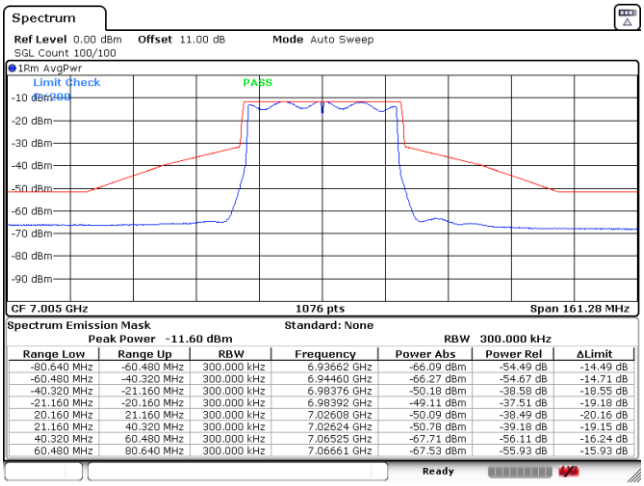
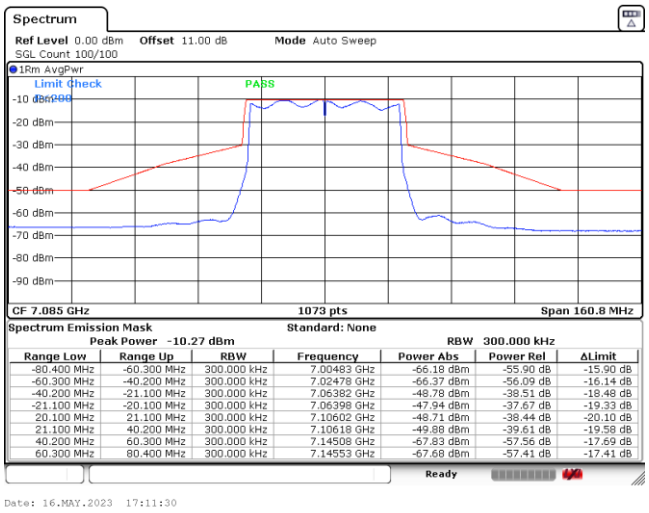
Plot on Channel 7005MHz



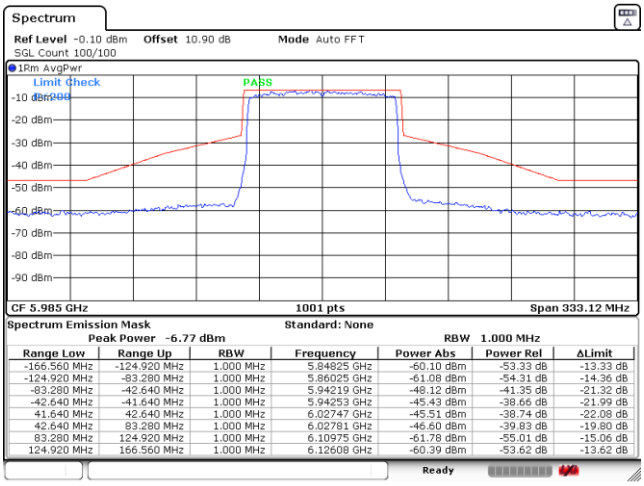
Date: 16.MAY.2023 17:10:10

Plot on Channel 7085MHz

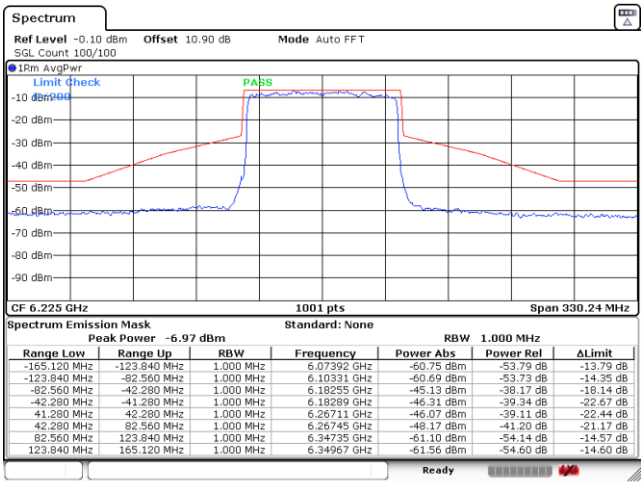


EUT Mode :	802.11ax HE80 Full RU

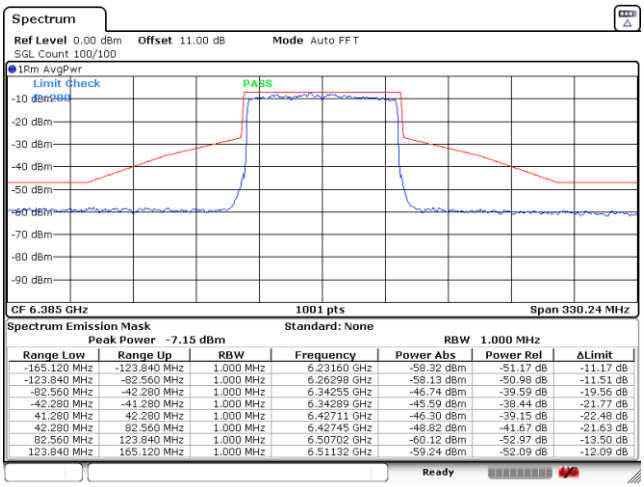
Plot on Channel 5985MHz



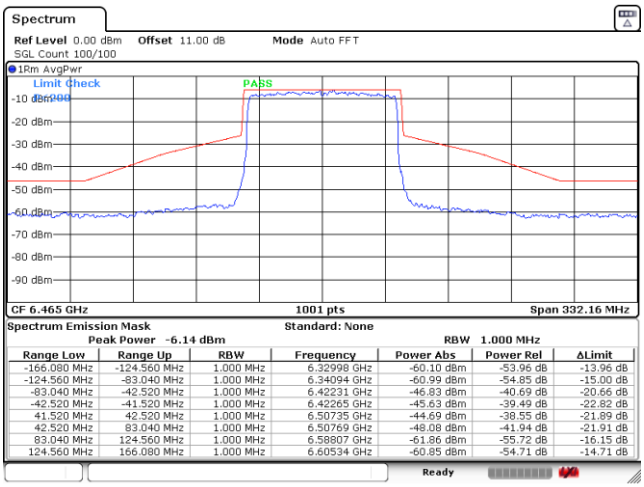
Plot on Channel 6225MHz



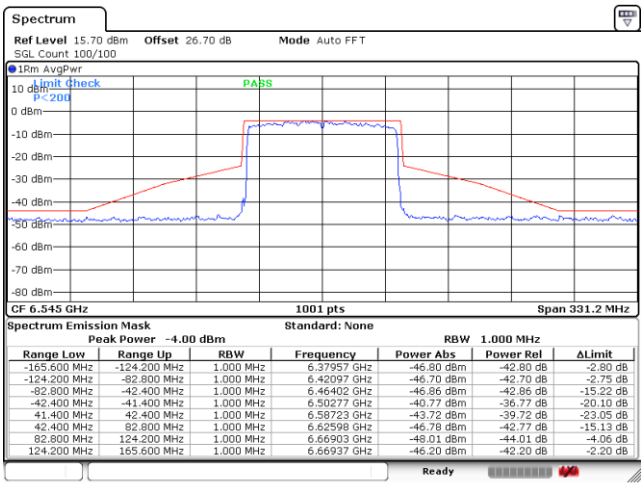
Plot on Channel 6385MHz



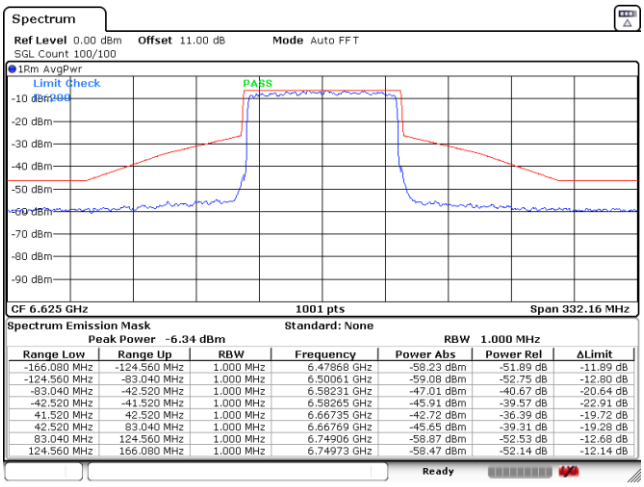
Plot on Channel 6465MHz



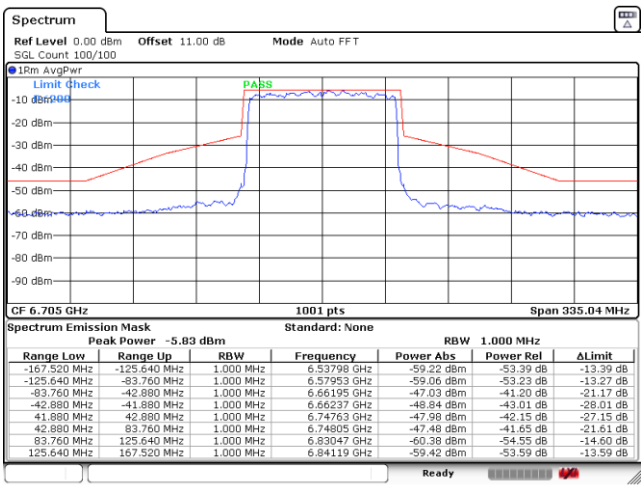
Plot on Channel 6545MHz



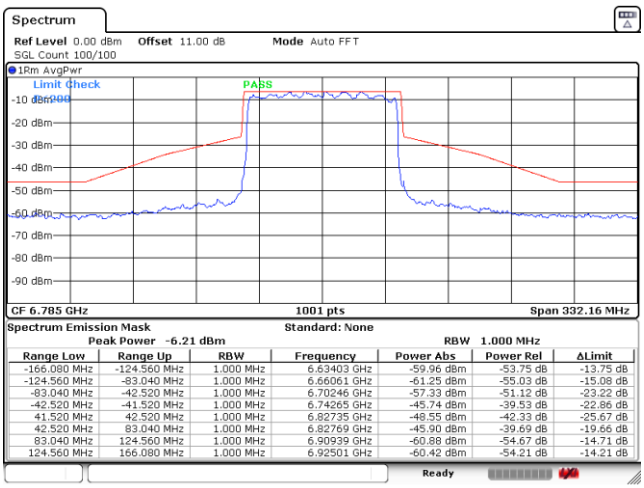
Plot on Channel 6625MHz



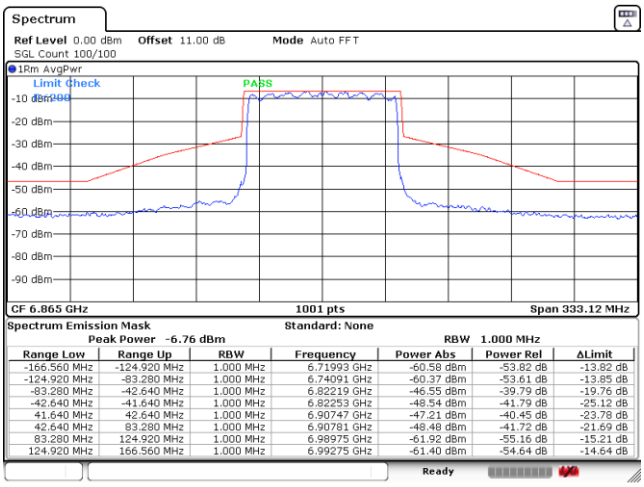
Plot on Channel 6705MHz



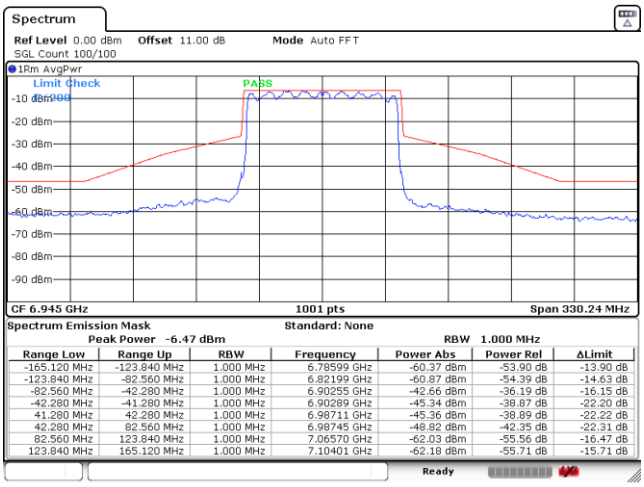
Plot on Channel 6785MHz



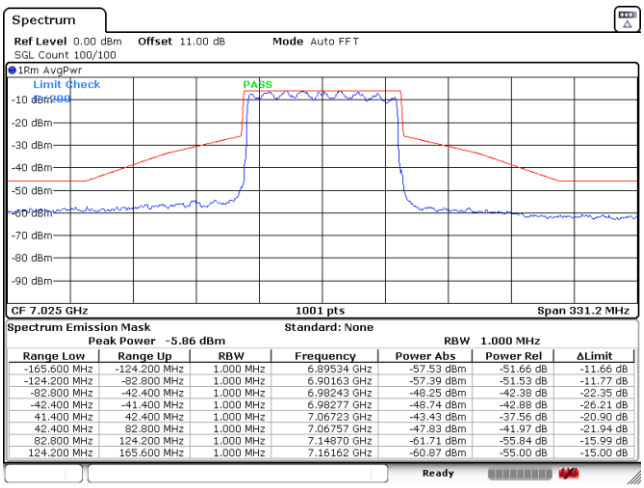
Plot on Channel 6865MHz



Plot on Channel 6945MHz

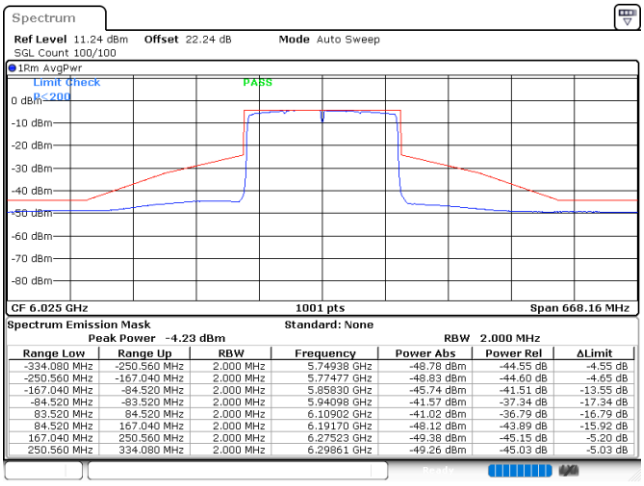


Plot on Channel 7025MHz

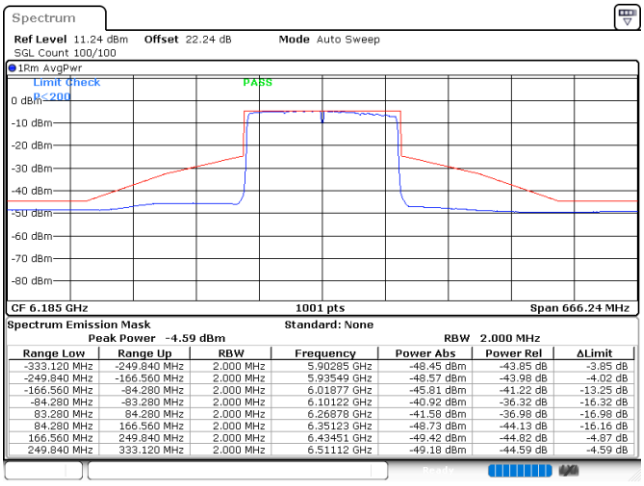


EUT Mode :	802.11ax HE160 Full RU

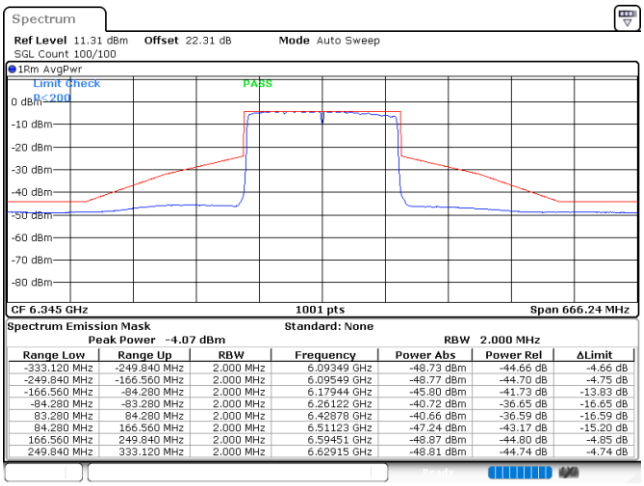
Plot on Channel 6025MHz



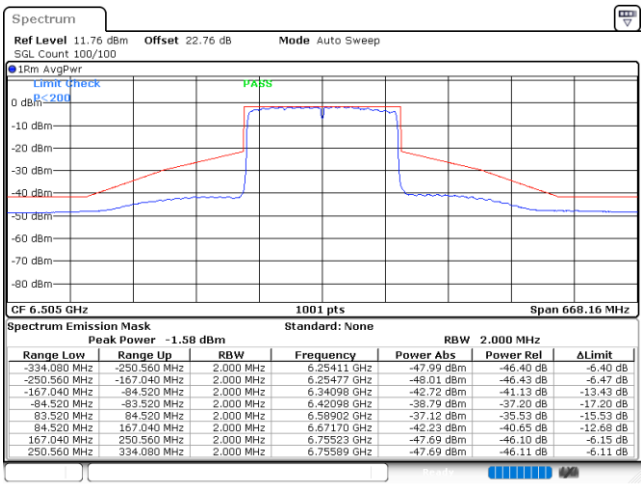
Plot on Channel 6185MHz



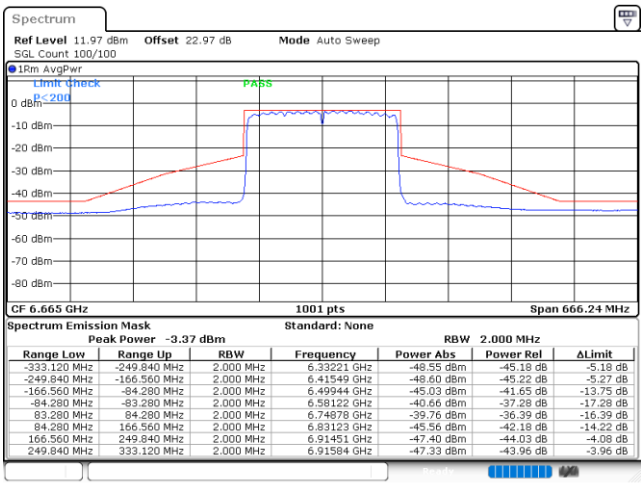
Plot on Channel 6345MHz



Plot on Channel 6505MHz



Plot on Channel 6665MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-333.120 MHz	-249.840 MHz	2.000 MHz	6.33221 GHz	-48.55 dBm	-45.18 dB	-5.18 dB
-249.840 MHz	-166.560 MHz	2.000 MHz	6.41549 GHz	-48.60 dBm	-45.22 dB	-5.27 dB
-166.560 MHz	-84.280 MHz	2.000 MHz	6.49944 GHz	-45.03 dBm	-41.65 dB	-13.75 dB
-84.280 MHz	-83.280 MHz	2.000 MHz	6.58122 GHz	-40.66 dBm	-37.28 dB	-17.28 dB
83.280 MHz	84.280 MHz	2.000 MHz	6.74878 GHz	-39.76 dBm	-36.39 dB	-16.39 dB
84.280 MHz	166.560 MHz	2.000 MHz	6.83123 GHz	-45.56 dBm	-42.18 dB	-14.22 dB
166.560 MHz	249.840 MHz	2.000 MHz	6.91451 GHz	-47.40 dBm	-44.03 dB	-4.08 dB
249.840 MHz	333.120 MHz	2.000 MHz	6.91584 GHz	-47.33 dBm	-43.96 dB	-3.96 dB

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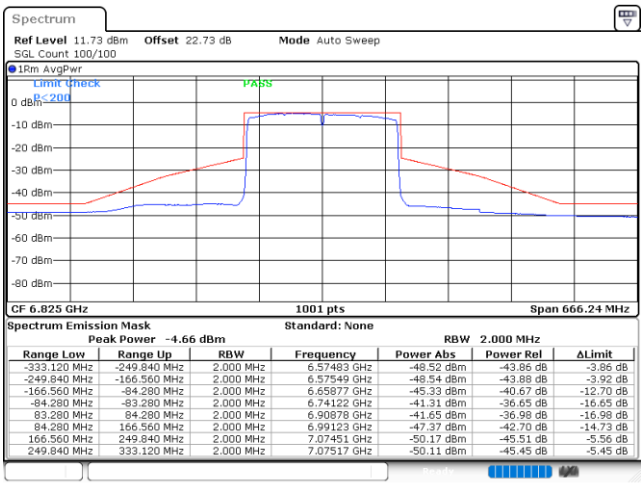
Plot on Channel 6825MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-333.120 MHz	-249.840 MHz	2.000 MHz	6.57483 GHz	-48.52 dBm	-43.86 dB	-3.86 dB
-249.840 MHz	-166.560 MHz	2.000 MHz	6.57549 GHz	-48.54 dBm	-43.88 dB	-3.92 dB
-166.560 MHz	-84.280 MHz	2.000 MHz	6.65877 GHz	-45.33 dBm	-40.67 dB	-12.70 dB
-84.280 MHz	-83.280 MHz	2.000 MHz	6.74122 GHz	-41.31 dBm	-36.65 dB	-16.65 dB
83.280 MHz	84.280 MHz	2.000 MHz	6.90878 GHz	-41.65 dBm	-36.98 dB	-16.98 dB
84.280 MHz	166.560 MHz	2.000 MHz	6.99123 GHz	-47.37 dBm	-42.70 dB	-14.73 dB
166.560 MHz	249.840 MHz	2.000 MHz	7.07451 GHz	-50.17 dBm	-45.51 dB	-5.56 dB
249.840 MHz	333.120 MHz	2.000 MHz	7.07517 GHz	-50.11 dBm	-45.45 dB	-5.45 dB

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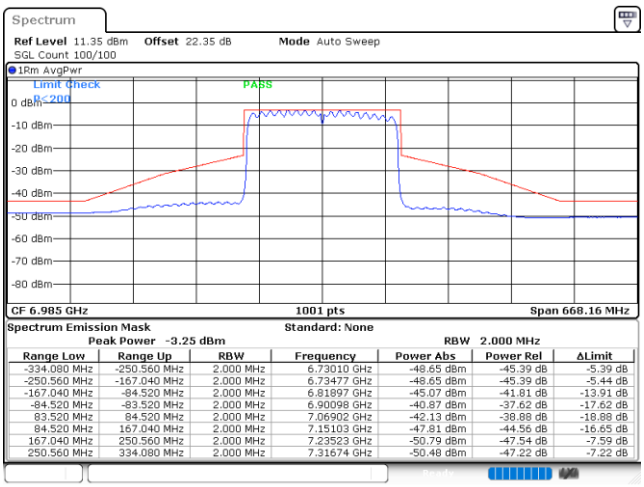
Plot on Channel 6985MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-334.080 MHz	-250.560 MHz	2.000 MHz	6.73010 GHz	-48.65 dBm	-45.39 dB	-5.39 dB
-250.560 MHz	-167.040 MHz	2.000 MHz	6.73477 GHz	-48.65 dBm	-45.39 dB	-5.44 dB
-167.040 MHz	-84.520 MHz	2.000 MHz	6.81897 GHz	-45.07 dBm	-41.81 dB	-13.91 dB
-84.520 MHz	-83.520 MHz	2.000 MHz	6.90098 GHz	-40.87 dBm	-37.62 dB	-17.62 dB
83.520 MHz	84.520 MHz	2.000 MHz	7.06902 GHz	-42.13 dBm	-38.88 dB	-18.88 dB
84.520 MHz	167.040 MHz	2.000 MHz	7.15103 GHz	-47.81 dBm	-44.56 dB	-16.65 dB
167.040 MHz	250.560 MHz	2.000 MHz	7.23523 GHz	-50.79 dBm	-47.54 dB	-7.59 dB
250.560 MHz	334.080 MHz	2.000 MHz	7.31674 GHz	-50.48 dBm	-47.22 dB	-7.22 dB

Date: 7.JUL.2023 20:42:11

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:

$BWEUT$: Transmission bandwidth of EUT signal

$BWInc$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$fc1$: Center frequency of EUT transmission

$fc2$: Center frequency of simulated incumbent signal

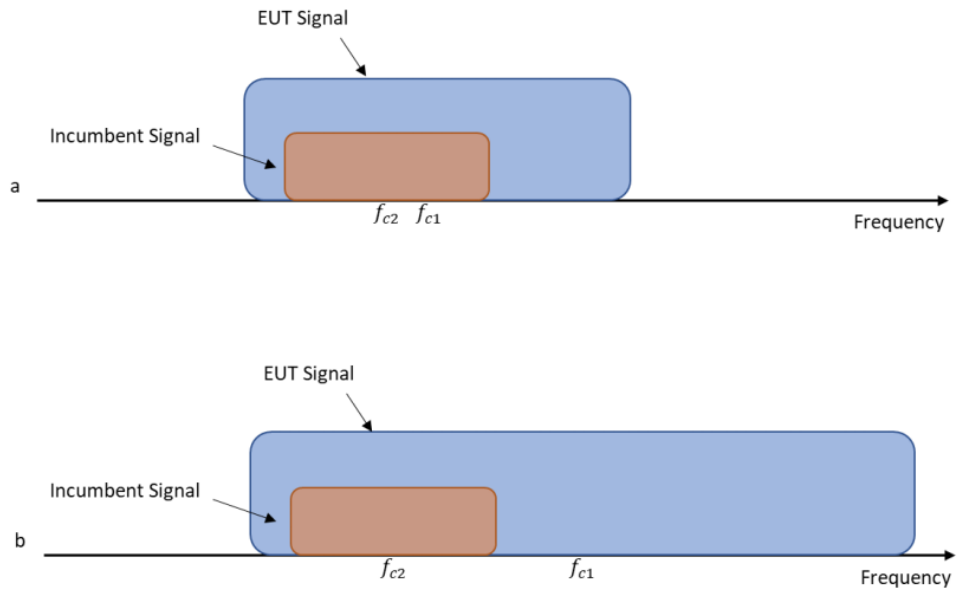


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

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

Conducted Setup

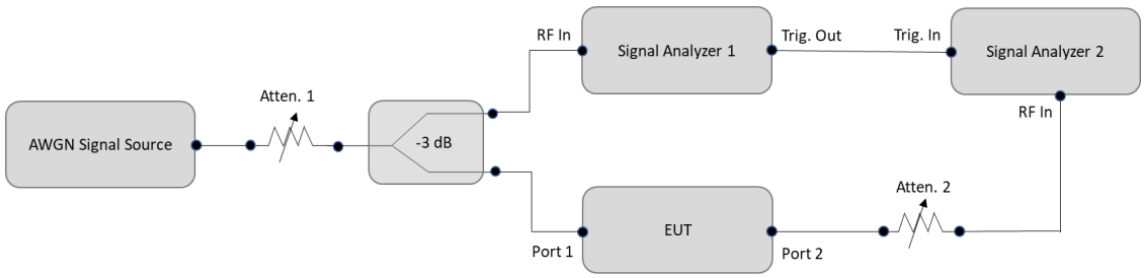


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

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>: [2.05] dBi <UNII-6>: [0.29] dBi <UNII-7>: [1.24] dBi <UNII-8>: [0.43] 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 and Tommy Lee	Temperature :	22.3~24.6℃
		Relative Humidity :	49.7~54.3%

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	-65.46	100	-62	-67.51	5.51
					Result: Stop Transmission			
				-71.46	< 90	-62	-73.51	11.51
					Result: Minimal Operation			
				-72.46	0	-62	-74.51	12.51
					Result: Normal Operation			
	6185	160	6110	-63.49	100	-62	-65.54	3.54
					Result: Stop Transmission			
				-66.49	< 90	-62	-68.54	6.54
					Result: Minimal Operation			
				-67.49	0	-62	-69.54	7.54
					Result: Normal Operation			
			6185	-62.38	100	-62	-64.43	2.43
					Result: Stop Transmission			
				-64.38	< 90	-62	-66.43	4.43
					Result: Minimal Operation			
				-65.38	0	-62	-67.43	5.43
					Result: Normal Operation			
			6260	-66.49	100	-62	-68.54	6.54
					Result: Stop Transmission			
				-69.49	< 90	-62	-71.54	9.54
					Result: Minimal Operation			
				-70.49	0	-62	-72.54	10.54
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (2.05 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	-64.21	100	-62	-64.50	2.50
					Result: Stop Transmission			
				-70.21	< 90	-62	-70.50	8.50
					Result: Minimal Operation			
				-71.21	0	-62	-71.50	9.50
					Result: Normal Operation			
	6505	160	6430	-62.09	100	-62	-62.38	0.38
					Result: Stop Transmission			
				-66.09	< 90	-62	-66.38	4.38
					Result: Minimal Operation			
				-67.09	0	-62	-67.38	5.38
					Result: Normal Operation			
			6505	-62.32	100	-62	-62.61	0.61
					Result: Stop Transmission			
				-64.32	< 90	-62	-64.61	2.61
					Result: Minimal Operation			
				-65.32	0	-62	-65.61	3.61
					Result: Normal Operation			
			6580	-66.30	100	-62	-66.59	4.59
					Result: Stop Transmission			
				-69.30	< 90	-62	-69.59	7.59
					Result: Minimal Operation			
				-70.30	0	-62	-70.59	8.59
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (0.29 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	-68.23	100	-62	-69.47	7.47
					Result: Stop Transmission			
				-73.23	< 90	-62	-74.47	12.47
					Result: Minimal Operation			
				-74.23	0	-62	-75.47	13.47
					Result: Normal Operation			
	6665	160	6590	-70.23	100	-62	-71.47	9.47
					Result: Stop Transmission			
				-72.23	< 90	-62	-73.47	11.47
					Result: Minimal Operation			
				-73.23	0	-62	-74.47	12.47
					Result: Normal Operation			
			6665	-66.54	100	-62	-67.78	5.78
					Result: Stop Transmission			
				-67.54	< 90	-62	-68.78	6.78
					Result: Minimal Operation			
				-68.54	0	-62	-69.78	7.78
					Result: Normal Operation			
			6740	-70.55	100	-62	-71.79	9.79
					Result: Stop Transmission			
				-72.55	< 90	-62	-73.79	11.79
					Result: Minimal Operation			
				-73.55	0	-62	-74.79	12.79
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (1.24 dBi).

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

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

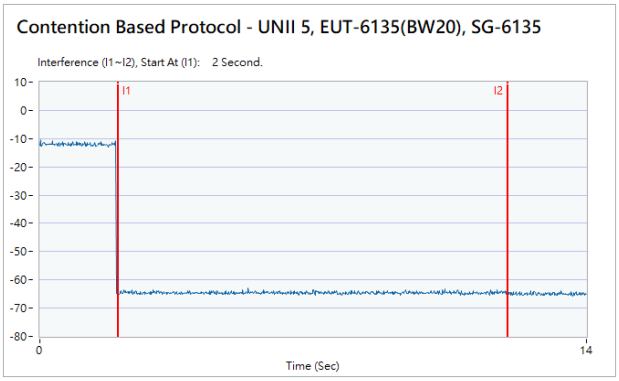
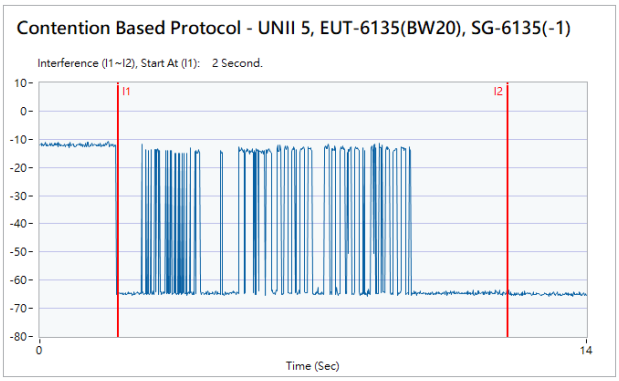
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 8	7015	20	7015	-67.77	100	-62	-68.20	6.20
					Result: Stop Transmission			
				-73.77	< 90	-62	-74.20	12.20
					Result: Minimal Operation			
				-74.77	0	-62	-75.20	13.20
					Result: Normal Operation			
	6985	160	6910	-68.91	100	-62	-69.34	7.34
					Result: Stop Transmission			
				-70.91	< 90	-62	-71.34	9.34
					Result: Minimal Operation			
				-71.91	0	-62	-72.34	10.34
					Result: Normal Operation			
			6985	-63.95	100	-62	-64.38	2.38
					Result: Stop Transmission			
				-65.95	< 90	-62	-66.38	4.38
					Result: Minimal Operation			
				-66.95	0	-62	-67.38	5.38
					Result: Normal Operation			
			7060	-69.12	100	-62	-69.55	7.55
					Result: Stop Transmission			
				-71.12	< 90	-62	-71.55	9.55
					Result: Minimal Operation			
				-72.12	0	-62	-72.55	10.55
					Result: Normal Operation			

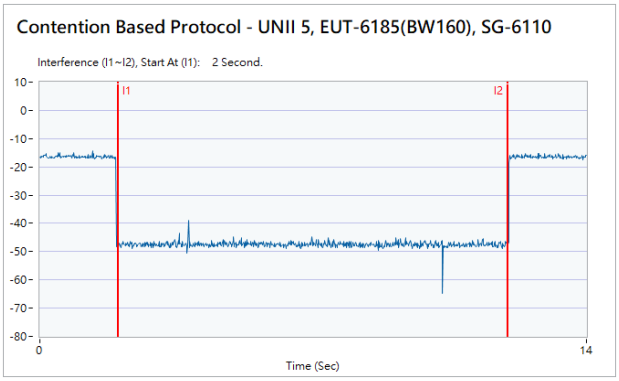
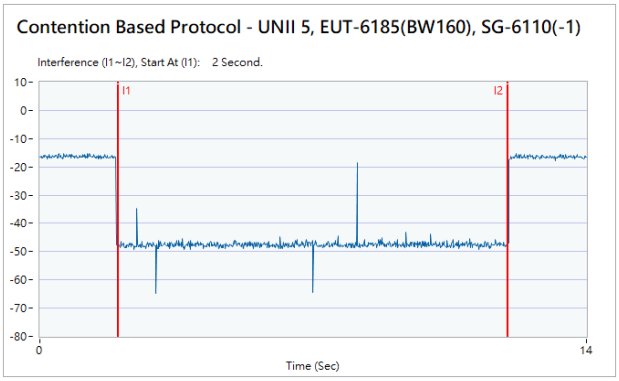
Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (0.43 dBi).

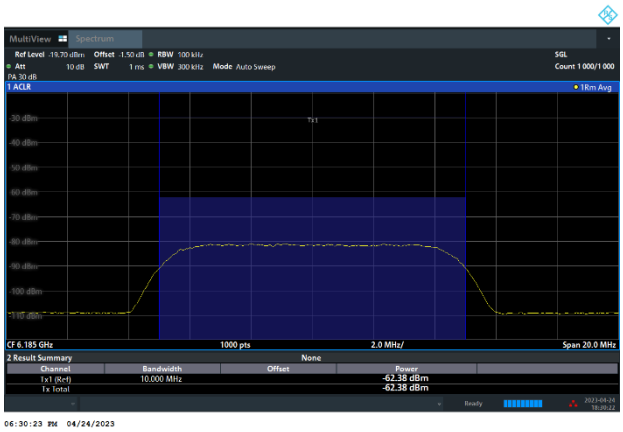
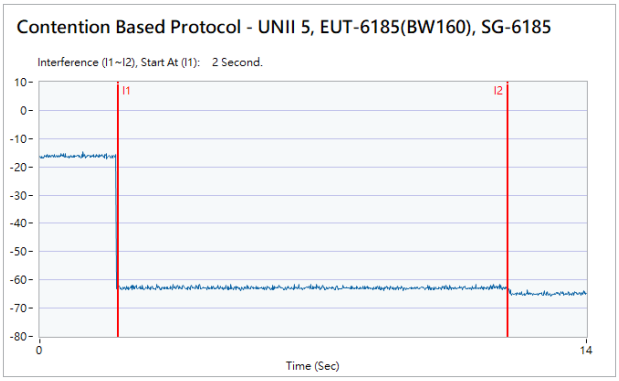
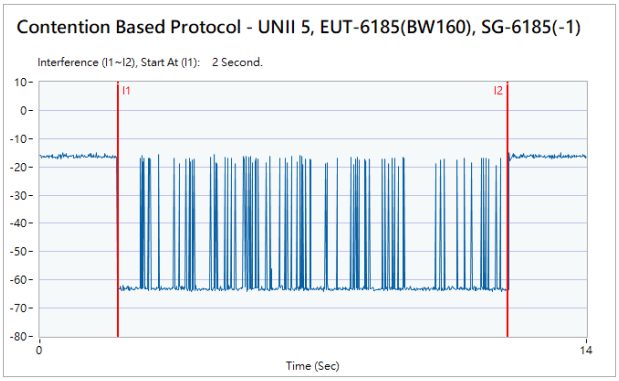
Note 2: The antenna gain has included the path loss between RF connector and antenna.

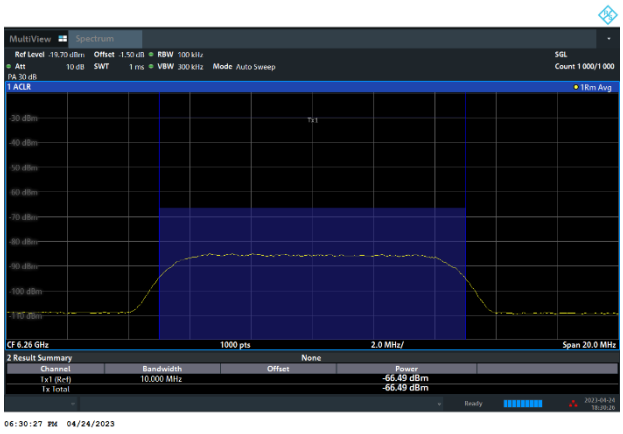
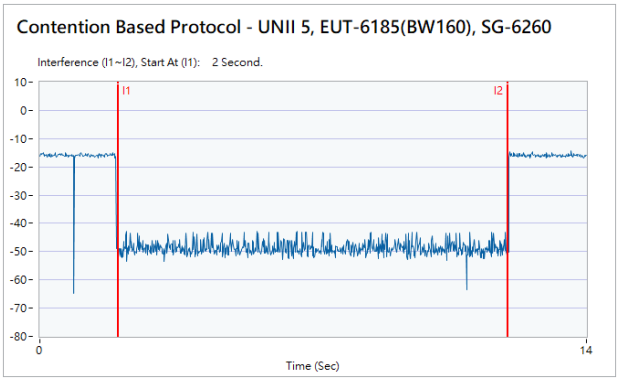
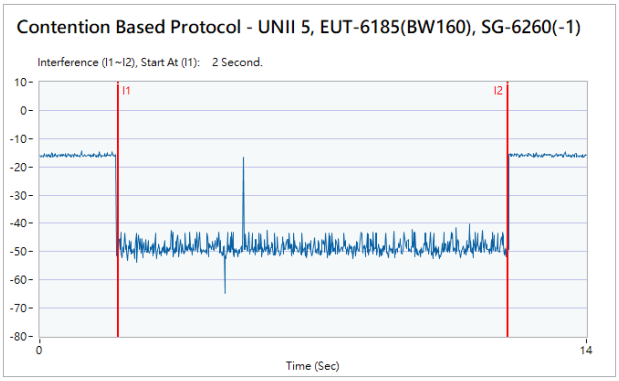
Note 3: Margin = Regulated Threshold level - Adjusted Power.

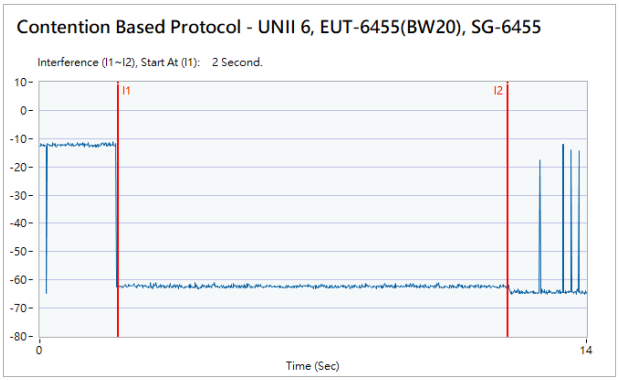
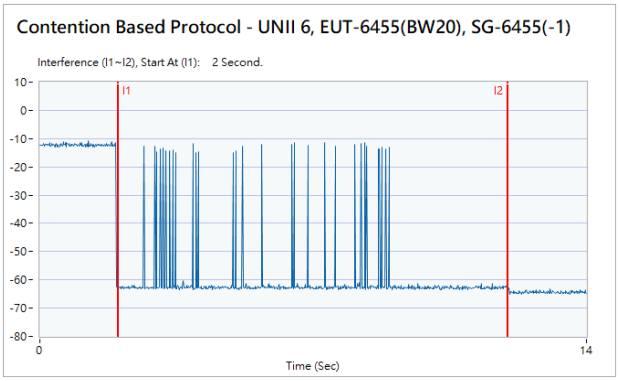
3.5.8 Test Plots of Contention Based Protocol Test

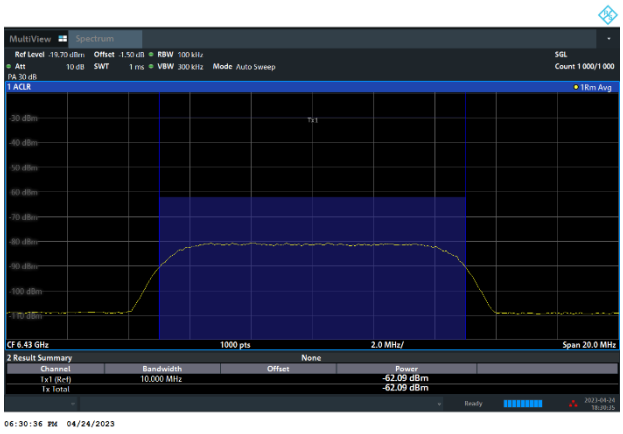
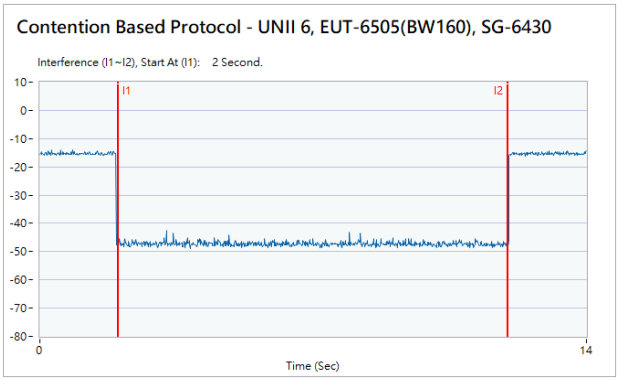
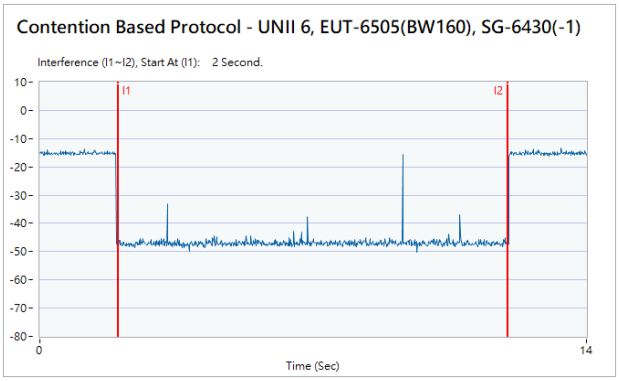
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -65.46dBm	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -66.46dBm	802.11ax (HE20) / CH37 Transmit when the interferer is 1dB lower.
	

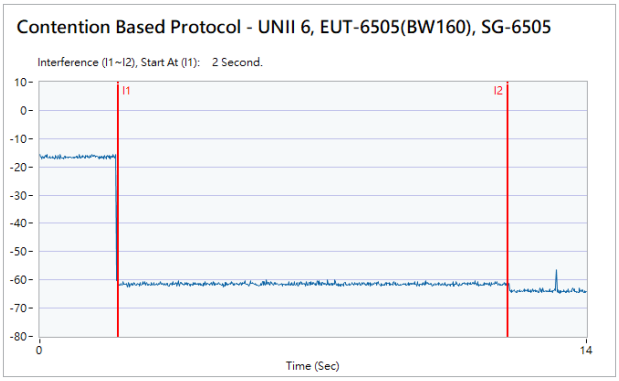
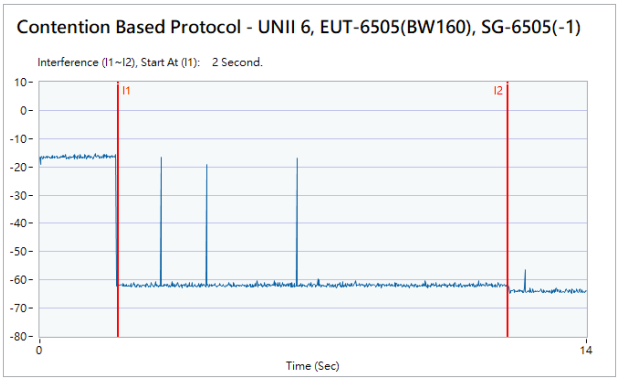
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -63.49dBm	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -64.49dBm	802.11ax (HE160) / CH47 (Lower edge) Transmit when the interferer is 1dB lower.
	

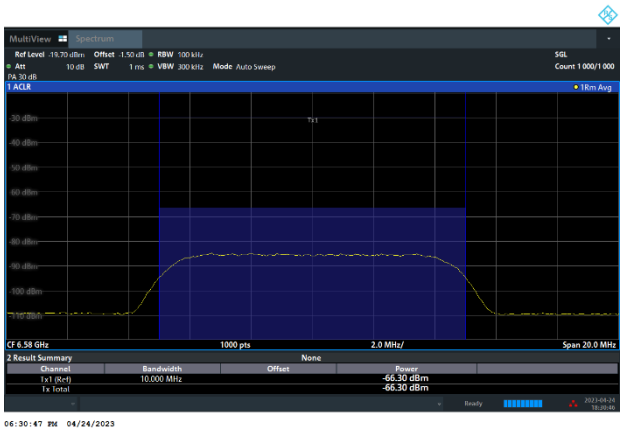
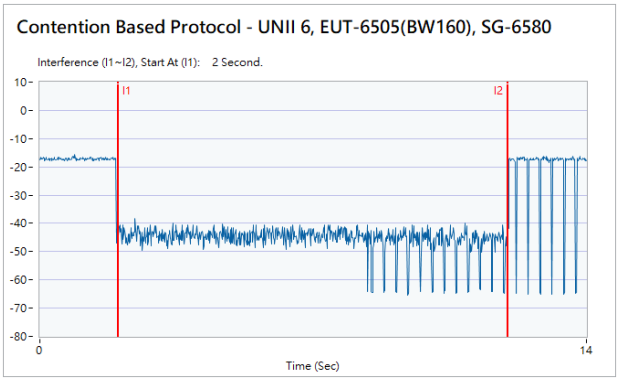
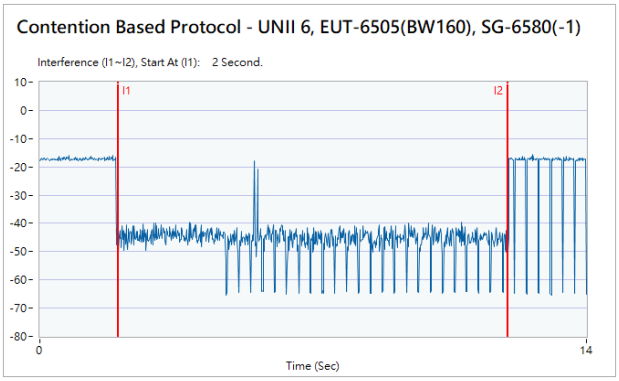
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -62.38dBm	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -63.38dBm	802.11ax (HE160) / CH47 (Middle) Transmit when the interferer is 1dB lower.
	

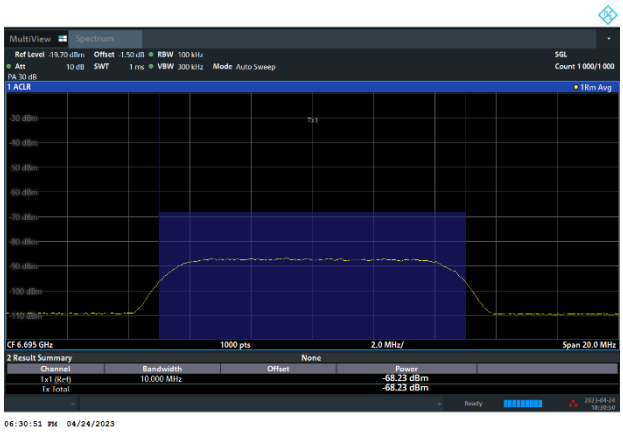
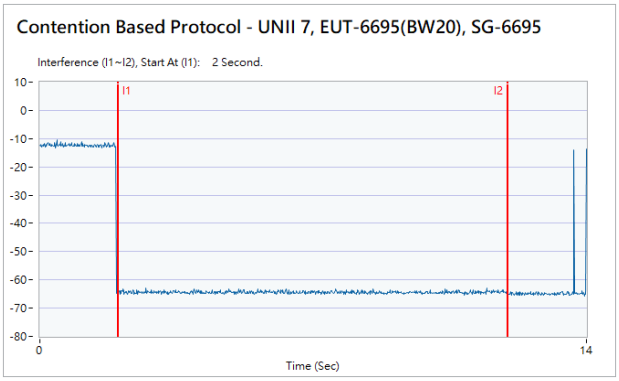
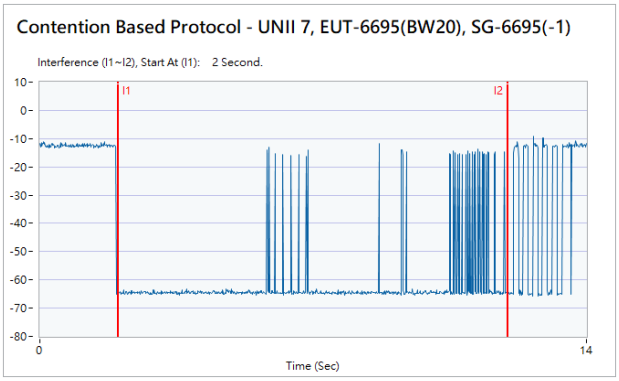
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -66.49dBm	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -67.49dBm	802.11ax (HE160) / CH47 (Upper edge) Transmit when the interferer is 1dB lower.
	

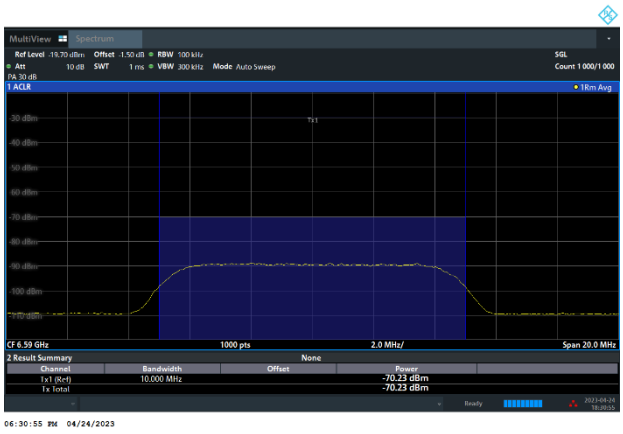
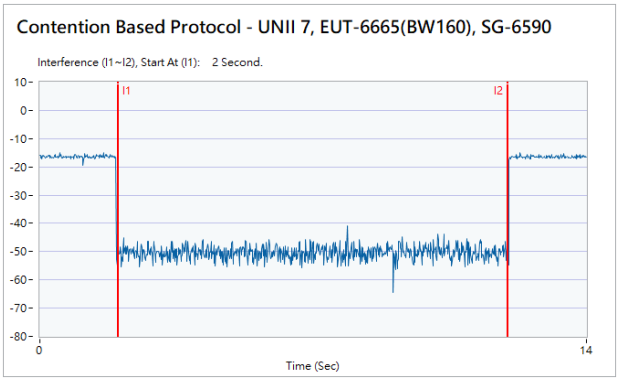
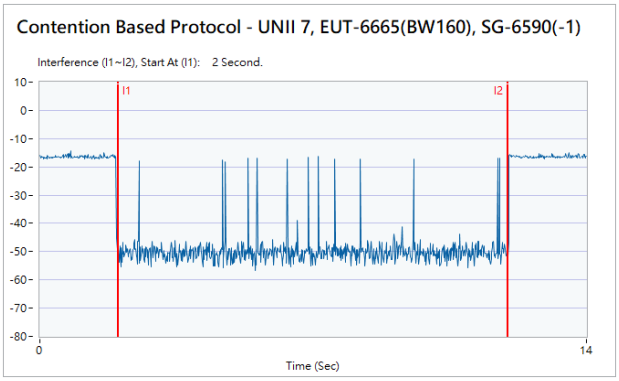
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -64.21dBm	802.11ax (HE20) / CH101 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -65.21dBm	802.11ax (HE20) / CH101 Transmit when the interferer is 1dB lower.
	

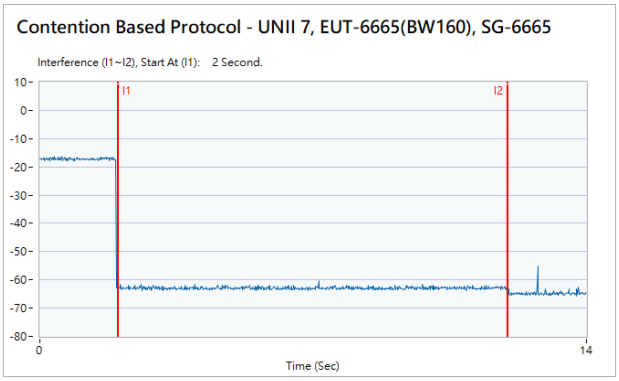
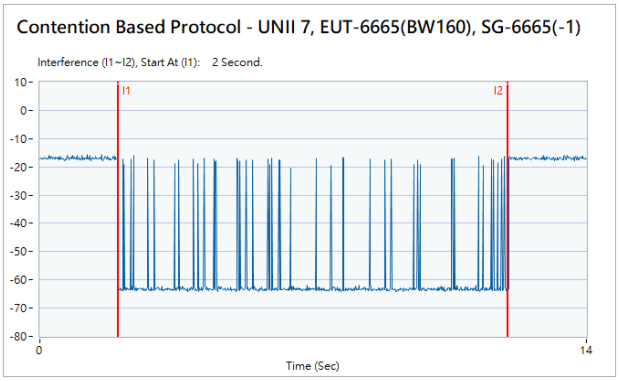
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -62.09dBm	802.11ax (HE160) / CH111 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -63.09dBm	802.11ax (HE160) / CH111 (Lower edge) Transmit when the interferer is 1dB lower.
	

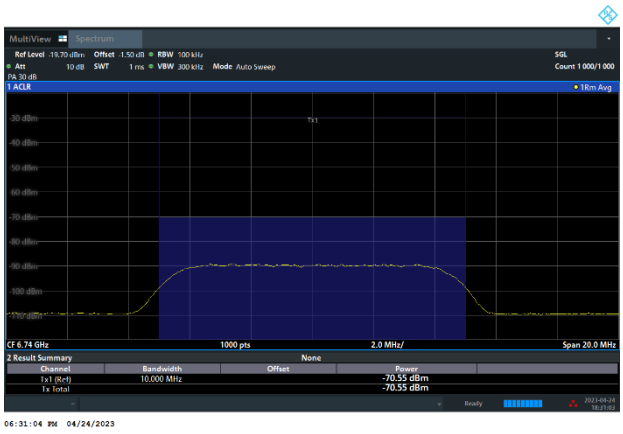
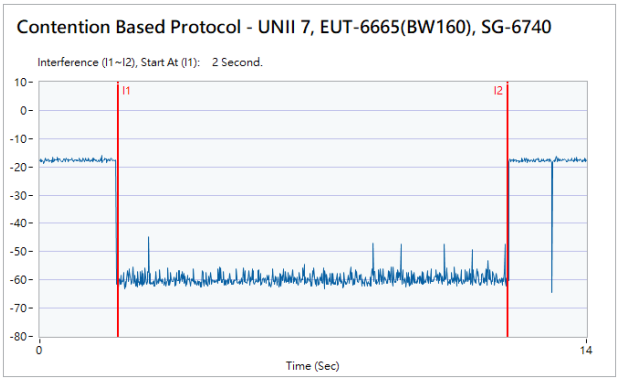
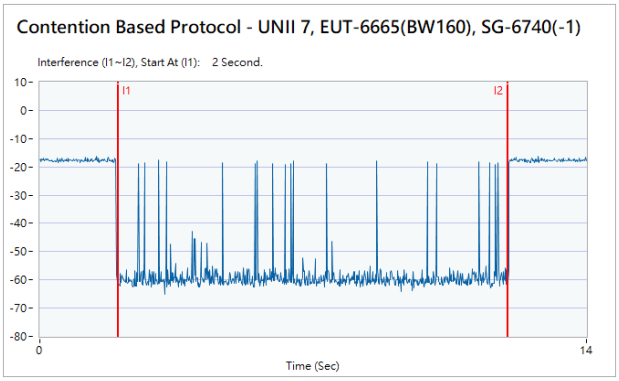
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -62.32dBm	802.11ax (HE160) / CH111 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -63.32dBm	802.11ax (HE160) / CH111 (Middle) Transmit when the interferer is 1dB lower.
	

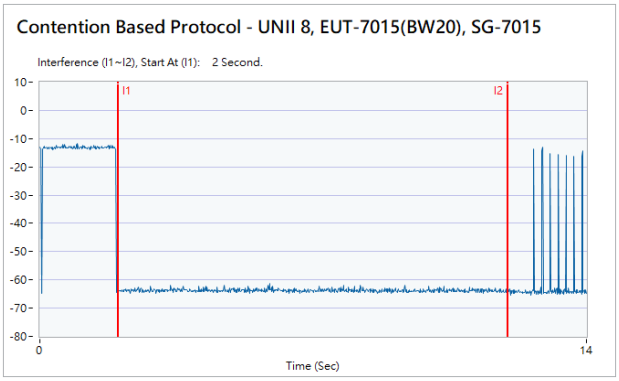
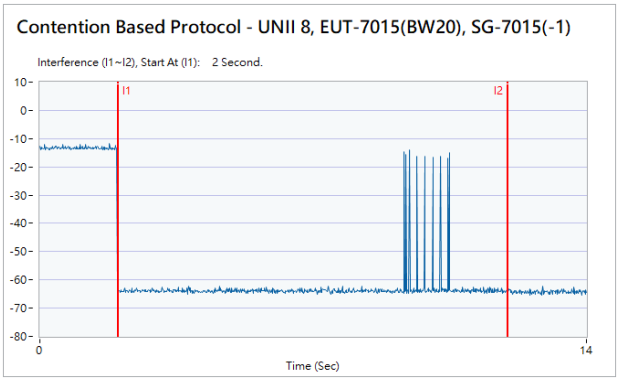
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -66.30dBm	802.11ax (HE160) / CH111 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -67.30dBm	802.11ax (HE160) / CH111 (Upper edge) Transmit when the interferer is 1dB lower.
	

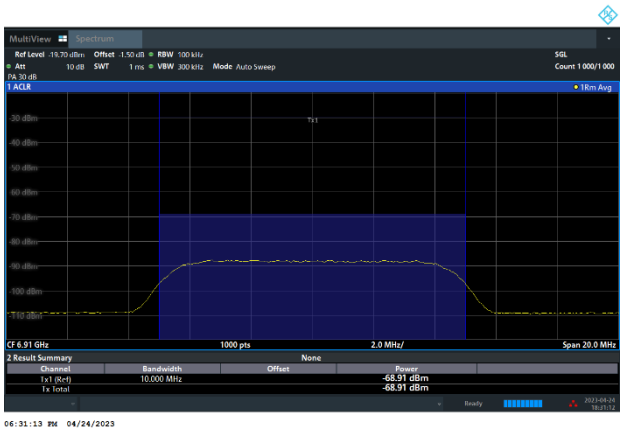
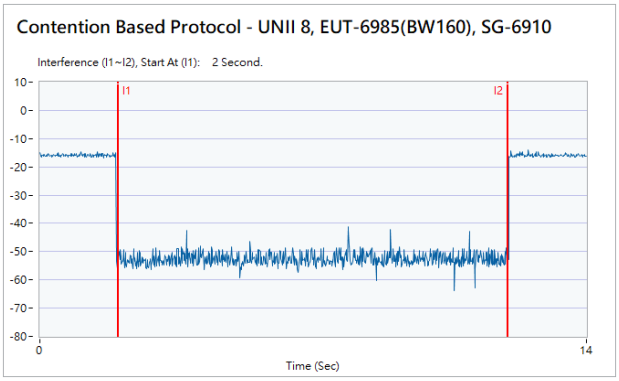
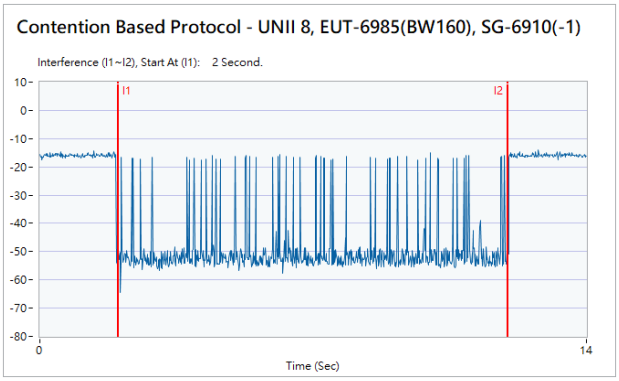
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -68.23dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -69.23dBm	802.11ax (HE20) / CH149 Transmit when the interferer is 1dB lower.
	

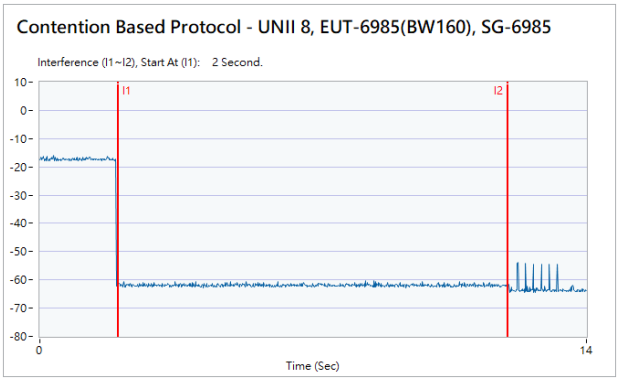
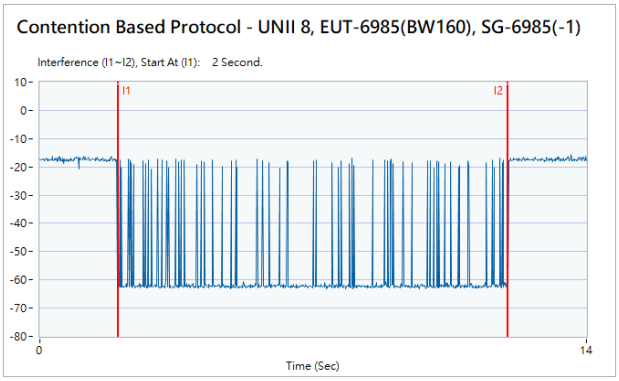
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -70.23dBm	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -71.23dBm	802.11ax (HE160) / CH143 (Lower edge) Transmit when the interferer is 1dB lower.
	

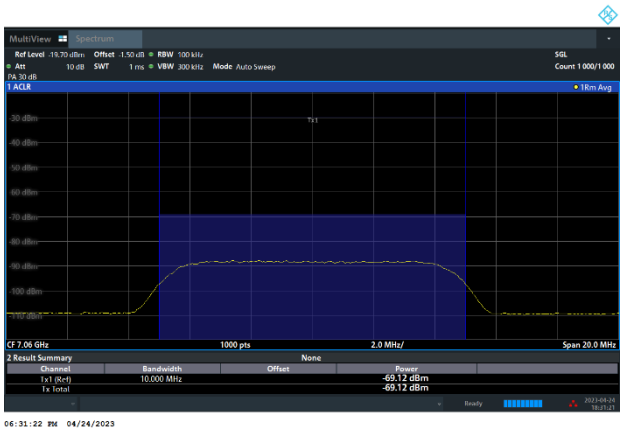
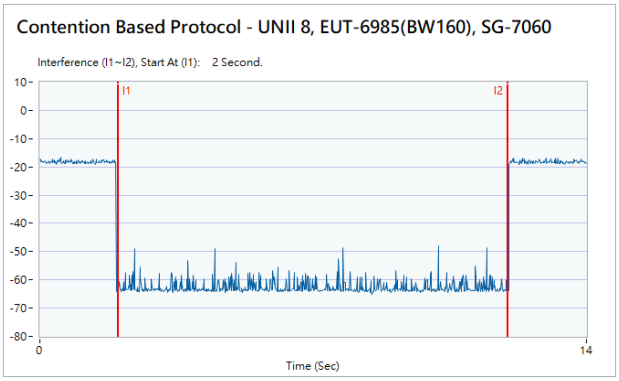
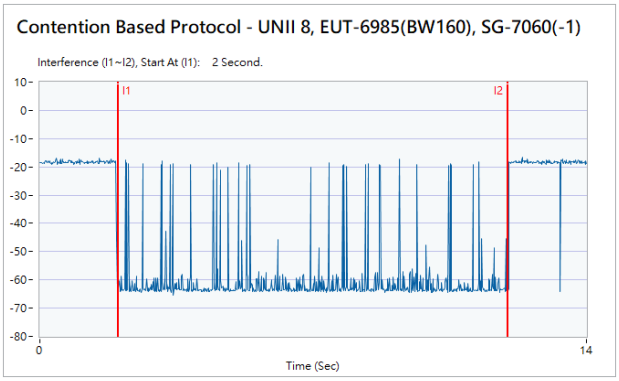
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -66.54dBm	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -67.54dBm	802.11ax (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) = -70.55dBm	802.11ax (HE160) / CH143 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -71.55dBm	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) = -67.77dBm	802.11ax (HE20) / CH213 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -68.77dBm	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) = -68.91dBm	802.11ax (HE160) / CH207 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6910MHz (Lower edge) Threshold Level (TL) = -69.91dBm	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) = -63.95dBm	802.11ax (HE160) / CH207 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6985MHz (Middle) Threshold Level (TL) = -64.95dBm	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) = -69.12dBm	802.11ax (HE160) / CH207 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 7060MHz (Upper edge) Threshold Level (TL) = -70.12dBm	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.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/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 ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

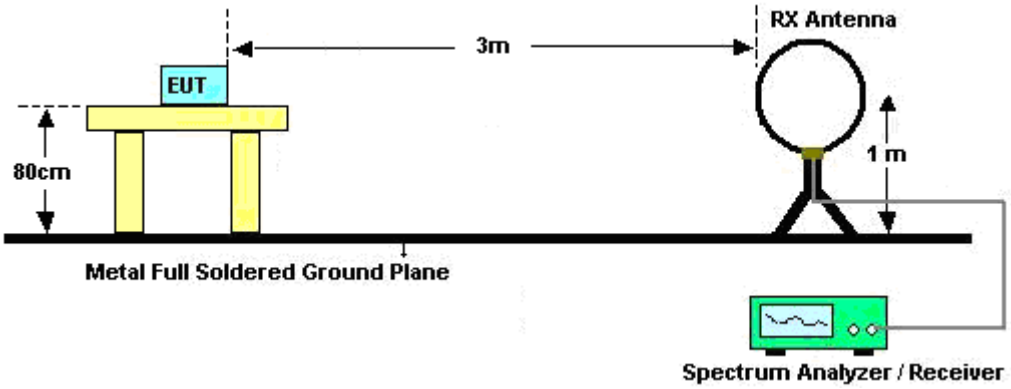
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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.

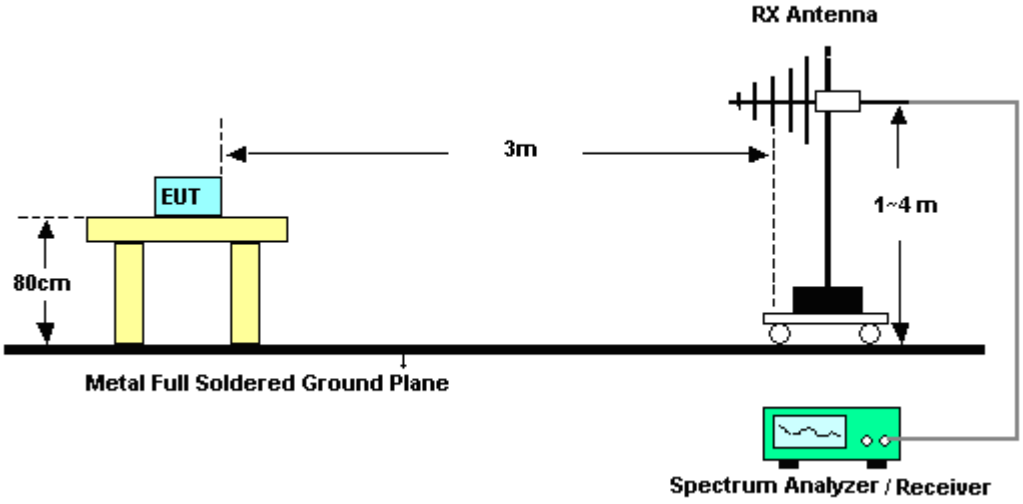
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

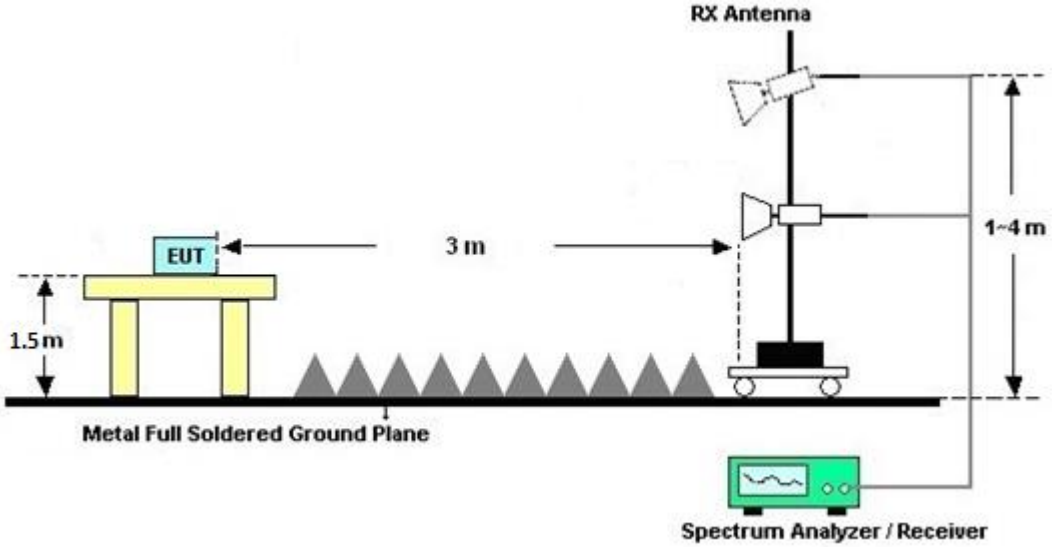
For radiated emissions below 30MHz



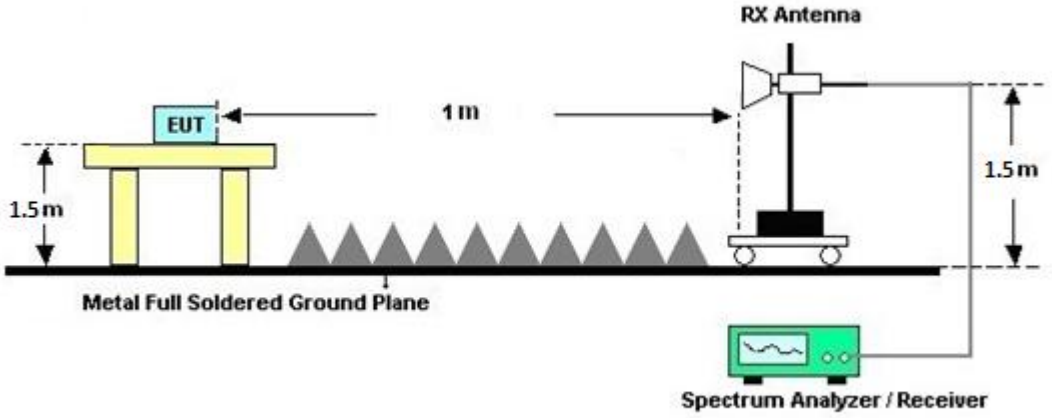
For radiated emissions from 30MHz to 1GHz



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

*Decreases with the logarithm of the frequency.

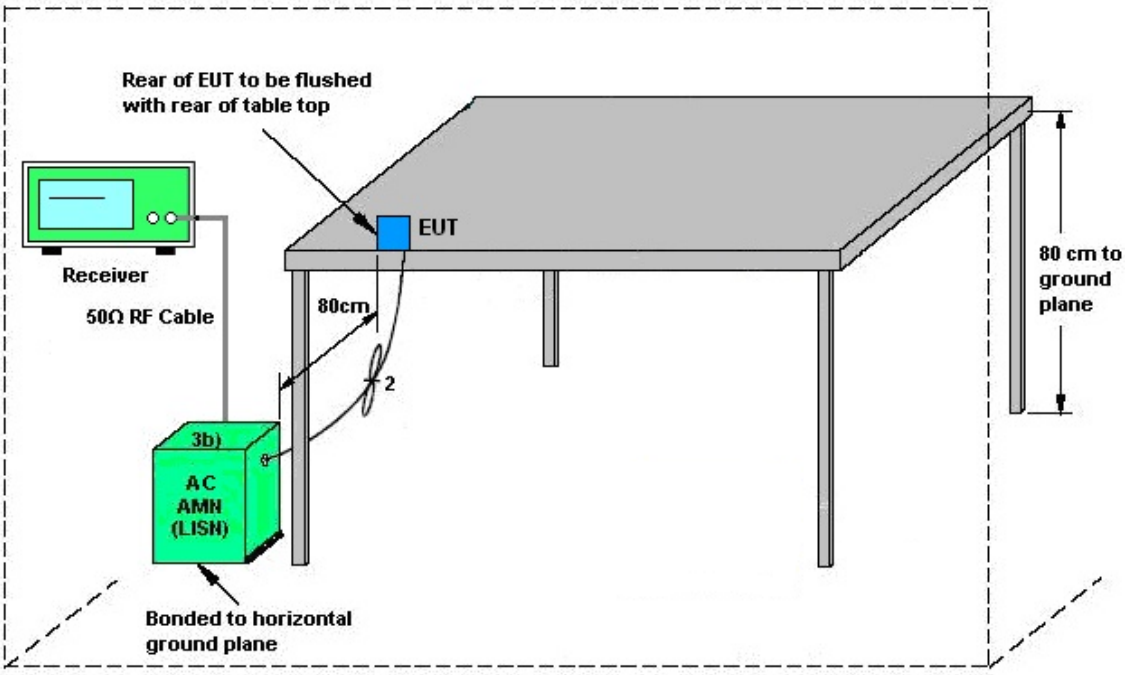
3.7.2 Measuring Instruments

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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

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	Apr. 29, 2023~ Jul. 20, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	Raditeq	RPR3008W	RPR8W-2301 001(NO:146)	10MHz~8GHz	Feb. 07, 2023	Apr. 29, 2023~ Jul. 20, 2023	Feb. 06, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Apr. 29, 2023~ Jul. 20, 2023	Aug. 02, 2023	Conducted (TH05-HY)
EMI Test Receiver	Keysight	N9038A	MY59053012	N/A	Nov. 18, 2022	May 11, 2023~ May 22, 2023	Nov. 17, 2023	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	May 11, 2023~ May 22, 2023	Sep. 19, 2023	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	May 11, 2023~ May 22, 2023	Dec. 06, 2023	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	May 11, 2023~ May 22, 2023	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 11, 2023~ May 22, 2023	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 11, 2023~ May 22, 2023	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 22, 2022	May 11, 2023~ May 22, 2023	Dec. 21, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N1 D01N-06	55606 & 08	30MHz~1GHz	Oct. 22, 2022	May 11, 2023~ May 22, 2023	Oct. 21, 2023	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 04, 2022	May 11, 2023~ May 22, 2023	Nov. 03, 2023	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jul. 07, 2022	May 11, 2023~ May 22, 2023	Jul. 06, 2023	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 02, 2023	May 11, 2023~ May 22, 2023	Jan. 01, 2024	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 14, 2022	May 11, 2023~ May 22, 2023	Nov. 13, 2023	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 18, 2023	May 11, 2023~ May 22, 2023	Jan. 17, 2024	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 28, 2023	May 11, 2023~ May 22, 2023	Mar. 27, 2024	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	May 11, 2023~ May 22, 2023	N/A	Radiation (03CH20-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 24, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	Apr. 24, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	Apr. 24, 2023	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	Apr. 24, 2023	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 24, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	Apr. 24, 2023	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	Apr. 24, 2023	Dec. 28, 2023	Conduction (CO05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 23, 2022	Apr. 22, 2023~ Apr. 24, 2023	Dec. 22, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 31, 2023	Apr. 22, 2023~ Apr. 24, 2023	Jan. 30, 2024	CBP (DF02-HY)
Switch Control Mainframe	EM	WMAD300328SW18	SW1110202	0.5GHz-18GHz	Calibration from System	Apr. 22, 2023~ Apr. 24, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	Apr. 22, 2023~ Apr. 24, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	0120A04051801O	DCMB1CW3A7	0.5GHz-18GHz	Calibration from System	Apr. 22, 2023~ Apr. 24, 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))	**3.50 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.50 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.80 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.40 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Sylvia Li	Temperature:	21~25	°C
Test Date:	2023/04/29~2023/07/20	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	001	5955	17.03	16.98	19.72	19.63	320.00	Pass
11a	6Mbps	2	049	6195	16.83	16.83	19.55	19.73	320.00	Pass
11a	6Mbps	2	093	6415	16.98	16.78	19.87	19.55	320.00	Pass

Report Number : FR332310G

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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	001	5955	1.60	1.70	4.66	3.01		7.67	24.00	Pass
11a	6Mbps	2	049	6195	1.90	1.10	4.53	3.01		7.54	24.00	Pass
11a	6Mbps	2	093	6415	1.40	1.90	4.67	3.01		7.68	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	001	5955	0.03	0.04			-6.77	5.55		-1.21	-1.00	Pass
11a	6Mbps	2	049	6195	0.03	0.04			-7.01	5.55		-1.45	-1.00	Pass
11a	6Mbps	2	093	6415	0.03	0.04			-6.84	5.55		-1.28	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	097	6435	16.83	16.68	19.87	19.67	320.00	Pass
11a	6Mbps	2	105	6475	16.78	16.68	19.73	19.67	320.00	Pass
11a	6Mbps	2	113	6515	16.83	16.63	19.85	19.61	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	097	6435	2.60	3.70	6.20	1.26		7.46	24.00	Pass
11a	6Mbps	2	105	6475	3.50	3.60	6.56	1.26		7.82	24.00	Pass
11a	6Mbps	2	113	6515	3.30	3.80	6.57	1.26		7.83	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	097	6435	0.03	0.04			-5.29	3.80		-1.49	-1.00	Pass
11a	6Mbps	2	105	6475	0.03	0.04			-5.06	3.80		-1.27	-1.00	Pass
11a	6Mbps	2	113	6515	0.03	0.04			-4.87	3.80		-1.07	-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 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	117	6535	16.88	16.68	19.76	19.61	320.00	Pass
11a	6Mbps	2	149	6695	16.98	16.73	19.79	19.49	320.00	Pass
11a	6Mbps	2	181	6855	16.98	16.68	19.90	19.31	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 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	185	6875	17.03	16.73	19.75	19.32	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	117	6535	2.20	3.30	5.80	1.63		7.43	24.00	Pass
11a	6Mbps	2	149	6695	2.50	3.20	5.87	1.63		7.50	24.00	Pass
11a	6Mbps	2	181	6855	2.50	3.20	5.87	1.63		7.50	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	185	6875	2.00	2.80	5.43	1.63		7.06	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	117	6535	0.03	0.04			-5.63	4.45		-1.18	-1.00	Pass
11a	6Mbps	2	149	6695	0.03	0.04			-5.56	4.45		-1.11	-1.00	Pass
11a	6Mbps	2	181	6855	0.03	0.04			-5.49	4.45		-1.04	-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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	185	6875	0.03	0.04			-5.94	4.45		-1.49	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	189	6895	17.03	16.68	19.69	19.38	320.00	Pass
11a	6Mbps	2	209	6995	16.83	16.63	19.60	19.26	320.00	Pass
11a	6Mbps	2	229	7095	16.78	16.53	19.79	19.19	320.00	Pass
11a	6Mbps	2	233	7115	16.88	16.58	20.02	19.31	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	189	6895	2.40	3.10	5.77	1.98		7.75	24.00	Pass
11a	6Mbps	2	209	6995	2.30	2.80	5.57	1.98		7.55	24.00	Pass
11a	6Mbps	2	229	7095	4.00	4.70	7.37	1.98		9.35	24.00	Pass
11a	6Mbps	2	233	7115	2.90	3.40	6.17	1.98		8.15	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
11a	6Mbps	2	189	6895	0.03	0.04			-5.48	4.25		-1.23	-1.00	Pass
11a	6Mbps	2	209	6995	0.03	0.04			-5.48	4.25		-1.23	-1.00	Pass
11a	6Mbps	2	229	7095	0.03	0.04			-5.58	4.25		-1.33	-1.00	Pass
11a	6Mbps	2	233	7115	0.03	0.04			-6.48	4.25		-2.23	-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 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	001	5955	Full	18.93	18.98	21.48	21.60	320.00	Pass
HE20	MCS0	2	049	6195	Full	18.98	18.98	21.72	21.42	320.00	Pass
HE20	MCS0	2	093	6415	Full	18.98	18.98	21.54	21.12	320.00	Pass
HE40	MSC0	2	003	5965	Full	38.16	38.16	40.80	40.68	320.00	Pass
HE40	MSC0	2	051	6205	Full	38.06	38.06	40.44	40.56	320.00	Pass
HE40	MSC0	2	091	6405	Full	38.06	38.06	40.92	40.92	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.32	77.44	83.28	83.28	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.20	77.32	83.28	82.56	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.20	77.32	83.52	82.56	320.00	Pass
HE160	MCS0	2	015	6025	Full	156.56	156.32	167.04	167.04	320.00	Pass
HE160	MCS0	2	047	6185	Full	156.32	156.32	166.08	166.56	320.00	Pass
HE160	MCS0	2	079	6345	Full	156.80	156.56	167.52	166.56	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	001	5955	Full	5.40	5.70	8.56	2.56		11.12	24.00	Pass
HE20	MCS0	2	001	5955	26/0	-5.10	-4.20	-1.62	2.56		0.94	24.00	Pass
HE20	MCS0	2	001	5955	52/37	-1.60	-0.90	1.77	2.56		4.33	24.00	Pass
HE20	MCS0	2	001	5955	106/53	1.20	1.80	4.52	2.56		7.08	24.00	Pass
HE20	MCS0	2	049	6195	Full	5.80	5.20	8.52	2.56		11.08	24.00	Pass
HE20	MCS0	2	049	6195	26/4	-3.50	-3.90	-0.69	2.56		1.87	24.00	Pass
HE20	MCS0	2	049	6195	52/38	-0.90	-2.30	1.47	2.56		4.03	24.00	Pass
HE20	MCS0	2	049	6195	106/53	1.30	0.40	3.88	2.56		6.44	24.00	Pass
HE20	MCS0	2	093	6415	Full	5.40	6.00	8.72	2.56		11.28	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-5.10	-4.10	-1.56	2.56		1.00	24.00	Pass
HE20	MCS0	2	093	6415	52/40	-2.20	-1.30	1.28	2.56		3.84	24.00	Pass
HE20	MCS0	2	093	6415	106/54	1.00	1.80	4.43	2.56		6.99	24.00	Pass
HE40	MSC0	2	003	5965	Full	7.90	8.10	11.01	2.56		13.57	24.00	Pass
HE40	MSC0	2	003	5965	242/61	5.00	5.40	8.21	2.56		10.77	24.00	Pass
HE40	MSC0	2	051	6205	Full	8.10	7.70	10.91	2.56		13.47	24.00	Pass
HE40	MSC0	2	051	6205	242/61	5.70	4.80	8.28	2.56		10.84	24.00	Pass
HE40	MSC0	2	091	6405	Full	7.80	8.50	11.17	2.56		13.73	24.00	Pass
HE40	MSC0	2	091	6405	242/62	4.80	5.40	8.12	2.56		10.68	24.00	Pass
HE80	MCS0	2	007	5985	Full	11.00	11.60	14.32	2.56		16.88	24.00	Pass
HE80	MCS0	2	007	5985	484/65	8.70	9.20	11.97	2.56		14.53	24.00	Pass
HE80	MCS0	2	055	6225	Full	10.70	11.20	13.97	2.56		16.53	24.00	Pass
HE80	MCS0	2	055	6225	484/65	8.20	9.20	11.74	2.56		14.30	24.00	Pass
HE80	MCS0	2	087	6385	Full	10.60	10.70	13.66	2.56		16.22	24.00	Pass
HE80	MCS0	2	087	6385	484/66	7.80	8.10	10.96	2.56		13.52	24.00	Pass
HE160	MCS0	2	015	6025	Full	13.80	13.90	16.86	2.56		19.42	24.00	Pass
HE160	MCS0	2	015	6025	996/67	11.60	12.30	14.97	2.56		17.53	24.00	Pass
HE160	MCS0	2	047	6185	Full	13.70	13.80	16.76	2.56		19.32	24.00	Pass
HE160	MCS0	2	047	6185	996/67	11.40	11.50	14.46	2.56		17.02	24.00	Pass
HE160	MCS0	2	079	6345	Full	13.70	13.60	16.66	2.56		19.22	24.00	Pass
HE160	MCS0	2	079	6345	996/S67	11.00	11.60	14.32	2.56		16.88	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	001	5955	Full	0.12	0.12			-3.61	2.56		-1.05	-1.00	Pass
HE20	MCS0	2	001	5955	26/0	0.61	0.62			-3.91	2.56		-1.35	-1.00	Pass
HE20	MCS0	2	001	5955	52/37	0.60	0.64			-3.74	2.56		-1.18	-1.00	Pass
HE20	MCS0	2	001	5955	106/53	0.65	0.69			-3.93	2.56		-1.37	-1.00	Pass
HE20	MCS0	2	049	6195	Full	0.12	0.12			-3.67	2.56		-1.11	-1.00	Pass
HE20	MCS0	2	049	6195	26/4	0.61	0.62			-4.10	2.56		-1.54	-1.00	Pass
HE20	MCS0	2	049	6195	52/38	0.60	0.64			-4.00	2.56		-1.44	-1.00	Pass
HE20	MCS0	2	049	6195	106/53	0.65	0.69			-4.54	2.56		-1.98	-1.00	Pass
HE20	MCS0	2	093	6415	Full	0.12	0.12			-3.63	2.56		-1.07	-1.00	Pass
HE20	MCS0	2	093	6415	26/8	0.61	0.62			-3.84	2.56		-1.28	-1.00	Pass
HE20	MCS0	2	093	6415	52/40	0.60	0.64			-3.92	2.56		-1.36	-1.00	Pass
HE20	MCS0	2	093	6415	106/54	0.65	0.69			-4.03	2.56		-1.47	-1.00	Pass
HE40	MSC0	2	003	5965	Full	0.20	0.20			-4.00	2.56		-1.44	-1.00	Pass
HE40	MSC0	2	003	5965	242/61	0.02	0.03			-4.34	2.56		-1.78	-1.00	Pass
HE40	MSC0	2	051	6205	Full	0.20	0.20			-4.01	2.56		-1.45	-1.00	Pass
HE40	MSC0	2	051	6205	242/61	0.02	0.03			-4.32	2.56		-1.76	-1.00	Pass
HE40	MSC0	2	091	6405	Full	0.20	0.20			-3.83	2.56		-1.27	-1.00	Pass
HE40	MSC0	2	091	6405	242/62	0.02	0.03			-4.31	2.56		-1.75	-1.00	Pass
HE80	MCS0	2	007	5985	Full	0.26	0.26			-3.66	2.56		-1.10	-1.00	Pass
HE80	MCS0	2	007	5985	484/65	0.03	0.03			-3.67	2.56		-1.11	-1.00	Pass
HE80	MCS0	2	055	6225	Full	0.26	0.26			-3.78	2.56		-1.22	-1.00	Pass
HE80	MCS0	2	055	6225	484/65	0.03	0.03			-3.97	2.56		-1.41	-1.00	Pass
HE80	MCS0	2	087	6385	Full	0.26	0.26			-4.17	2.56		-1.61	-1.00	Pass
HE80	MCS0	2	087	6385	484/66	0.03	0.03			-4.45	2.56		-1.89	-1.00	Pass
HE160	MCS0	2	015	6025	Full	0.21	0.21			-3.79	2.56		-1.23	-1.00	Pass
HE160	MCS0	2	015	6025	996/67	0.10	0.10			-3.94	2.56		-1.38	-1.00	Pass
HE160	MCS0	2	047	6185	Full	0.21	0.21			-3.97	2.56		-1.41	-1.00	Pass
HE160	MCS0	2	047	6185	996/67	0.10	0.10			-4.28	2.56		-1.72	-1.00	Pass
HE160	MCS0	2	079	6345	Full	0.21	0.21			-4.08	2.56		-1.52	-1.00	Pass
HE160	MCS0	2	079	6345	996/S67	0.10	0.10			-4.18	2.56		-1.62	-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 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	097	6435	Full	18.98	18.98	21.48	21.60	320.00	Pass
HE20	MCS0	2	105	6475	Full	18.98	18.98	21.60	21.54	320.00	Pass
HE20	MCS0	2	113	6515	Full	18.93	18.98	21.84	21.30	320.00	Pass
HE40	MCS0	2	099	6445	Full	38.06	37.96	40.80	40.56	320.00	Pass
HE40	MCS0	2	107	6485	Full	38.06	38.06	40.44	41.04	320.00	Pass
HE80	MCS0	2	103	6465	Full	77.20	77.32	83.28	83.04	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 7	Ant 8	Ant 7	Ant 8		
HE40	MCS0	2	115	6525	Full	38.06	37.96	40.92	40.44	320.00	Pass
HE80	MCS0	2	119	6545	Full	77.20	77.32	82.56	82.80	320.00	Pass
HE160	MCS0	2	111	6505	Full	156.56	156.56	167.52	167.04	320.00	Pass

Report Number : FR332310G

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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	097	6435	Full	6.80	7.20	10.01	0.80		10.81	24.00	Pass
HE20	MCS0	2	097	6435	26/0	-4.20	-2.50	-0.26	0.80		0.54	24.00	Pass
HE20	MCS0	2	097	6435	52/37	-0.40	0.80	3.25	0.80		4.05	24.00	Pass
HE20	MCS0	2	097	6435	106/53	2.10	3.40	5.81	0.80		6.61	24.00	Pass
HE20	MCS0	2	105	6475	Full	7.00	7.10	10.06	0.80		10.86	24.00	Pass
HE20	MCS0	2	105	6475	26/4	-2.20	-1.70	1.07	0.80		1.87	24.00	Pass
HE20	MCS0	2	105	6475	52/38	0.20	0.60	3.41	0.80		4.21	24.00	Pass
HE20	MCS0	2	105	6475	106/53	3.00	3.10	6.06	0.80		6.86	24.00	Pass
HE20	MCS0	2	113	6515	Full	6.50	7.50	10.04	0.80		10.84	24.00	Pass
HE20	MCS0	2	113	6515	26/8	-3.60	-2.40	0.05	0.80		0.85	24.00	Pass
HE20	MCS0	2	113	6515	52/40	-0.50	0.90	3.27	0.80		4.07	24.00	Pass
HE20	MCS0	2	113	6515	106/54	2.70	3.30	6.02	0.80		6.82	24.00	Pass
HE40	MCS0	2	099	6445	Full	9.70	10.00	12.86	0.80		13.66	24.00	Pass
HE40	MCS0	2	099	6445	242/61	7.20	7.60	10.41	0.80		11.21	24.00	Pass
HE40	MCS0	2	107	6485	Full	9.70	9.80	12.76	0.80		13.56	24.00	Pass
HE40	MCS0	2	107	6485	242/62	6.80	7.30	10.07	0.80		10.87	24.00	Pass
HE80	MCS0	2	103	6465	Full	12.20	12.30	15.26	0.80		16.06	24.00	Pass
HE80	MCS0	2	103	6465	484/65	9.90	10.10	13.01	0.80		13.81	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE40	MCS0	2	115	6525	Full	9.10	9.90	12.53	0.80		13.33	24.00	Pass
HE40	MCS0	2	115	6525	242/62	6.50	7.60	10.10	0.80		10.90	24.00	Pass
HE80	MCS0	2	119	6545	Full	12.90	13.50	16.22	0.80		17.02	24.00	Pass
HE80	MCS0	2	119	6545	484/65	10.40	11.20	13.83	0.80		14.63	24.00	Pass
HE160	MCS0	2	111	6505	Full	15.30	16.00	18.67	0.80		19.47	24.00	Pass
HE160	MCS0	2	111	6505	996/67	12.50	13.50	16.04	0.80		16.84	24.00	Pass
HE160	MCS0	2	111	6505	996/S67	12.90	13.90	16.44	0.80		17.24	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	097	6435	Full	0.10	0.10			-2.14	0.80		-1.34	-1.00	Pass
HE20	MCS0	2	097	6435	26/0	0.61	0.62			-2.44	0.80		-1.64	-1.00	Pass
HE20	MCS0	2	097	6435	52/37	0.60	0.64			-2.18	0.80		-1.38	-1.00	Pass
HE20	MCS0	2	097	6435	106/53	0.65	0.69			-2.39	0.80		-1.59	-1.00	Pass
HE20	MCS0	2	105	6475	Full	0.10	0.10			-2.28	0.80		-1.48	-1.00	Pass
HE20	MCS0	2	105	6475	26/4	0.61	0.62			-2.47	0.80		-1.67	-1.00	Pass
HE20	MCS0	2	105	6475	52/38	0.60	0.64			-2.43	0.80		-1.63	-1.00	Pass
HE20	MCS0	2	105	6475	106/53	0.65	0.69			-2.34	0.80		-1.54	-1.00	Pass
HE20	MCS0	2	113	6515	Full	0.10	0.10			-2.02	0.80		-1.22	-1.00	Pass
HE20	MCS0	2	113	6515	26/8	0.61	0.62			-2.09	0.80		-1.29	-1.00	Pass
HE20	MCS0	2	113	6515	52/40	0.60	0.64			-2.18	0.80		-1.38	-1.00	Pass
HE20	MCS0	2	113	6515	106/54	0.65	0.69			-2.31	0.80		-1.51	-1.00	Pass
HE40	MCS0	2	099	6445	Full	0.22	0.22			-1.99	0.80		-1.19	-1.00	Pass
HE40	MCS0	2	099	6445	242/61	0.02	0.03			-2.06	0.80		-1.26	-1.00	Pass
HE40	MCS0	2	107	6485	Full	0.22	0.22			-2.28	0.80		-1.48	-1.00	Pass
HE40	MCS0	2	107	6485	242/62	0.02	0.03			-2.54	0.80		-1.74	-1.00	Pass
HE80	MCS0	2	103	6465	Full	0.26	0.26			-2.36	0.80		-1.56	-1.00	Pass
HE80	MCS0	2	103	6465	484/65	0.03	0.03			-2.50	0.80		-1.70	-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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE40	MCS0	2	115	6525	Full	0.22	0.22			-2.29	0.80		-1.49	-1.00	Pass
HE40	MCS0	2	115	6525	242/62	0.02	0.03			-2.50	0.80		-1.70	-1.00	Pass
HE80	MCS0	2	119	6545	Full	0.26	0.26			-2.00	0.80		-1.20	-1.00	Pass
HE80	MCS0	2	119	6545	484/65	0.26	0.26			-2.02	0.80		-1.22	-1.00	Pass
HE160	MCS0	2	111	6505	Full	0.21	0.21			-1.97	0.80		-1.17	-1.00	Pass
HE160	MCS0	2	111	6505	996/67	0.10	0.10			-2.46	0.80		-1.66	-1.00	Pass
HE160	MCS0	2	111	6505	996/S67	0.10	0.10			-2.04	0.80		-1.24	-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 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	117	6535	Full	18.98	18.98	21.42	21.30	320.00	Pass
HE20	MCS0	2	149	6695	Full	18.98	18.98	21.48	21.48	320.00	Pass
HE20	MCS0	2	181	6855	Full	18.98	19.08	21.60	21.54	320.00	Pass
HE40	MCS0	2	123	6565	Full	38.06	38.06	40.68	40.68	320.00	Pass
HE40	MCS0	2	147	6685	Full	38.16	38.16	40.80	40.56	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.06	38.26	40.56	40.68	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.32	77.32	83.28	83.04	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.20	77.32	83.52	83.76	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.32	77.32	83.76	83.04	320.00	Pass
HE160	MCS0	2	143	6665	Full	156.56	156.56	167.04	166.56	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 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	185	6875	Full	19.03	19.08	21.24	21.60	320.00	Pass
HE40	MCS0	2	187	6885	Full	38.06	38.16	40.32	40.44	320.00	Pass
HE80	MCS0	2	183	6865	Full	77.32	77.44	83.76	83.28	320.00	Pass
HE160	MCS0	2	175	6825	Full	156.56	156.56	167.04	166.56	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	117	6535	Full	5.70	6.80	9.30	1.44		10.74	24.00	Pass
HE20	MCS0	2	117	6535	26/0	-4.40	-3.00	-0.63	1.44		0.81	24.00	Pass
HE20	MCS0	2	117	6535	52/37	-0.90	-0.50	2.31	1.44		3.75	24.00	Pass
HE20	MCS0	2	117	6535	106/53	1.80	2.80	5.34	1.44		6.78	24.00	Pass
HE20	MCS0	2	149	6695	Full	5.40	6.50	9.00	1.44		10.44	24.00	Pass
HE20	MCS0	2	149	6695	26/4	-3.50	-2.40	0.10	1.44		1.54	24.00	Pass
HE20	MCS0	2	149	6695	52/38	-1.10	-0.10	2.44	1.44		3.88	24.00	Pass
HE20	MCS0	2	149	6695	106/53	1.90	2.50	5.22	1.44		6.66	24.00	Pass
HE20	MCS0	2	181	6855	Full	5.30	6.40	8.90	1.44		10.34	24.00	Pass
HE20	MCS0	2	181	6855	26/8	-4.20	-3.50	-0.83	1.44		0.61	24.00	Pass
HE20	MCS0	2	181	6855	52/40	-1.10	-0.70	2.11	1.44		3.55	24.00	Pass
HE20	MCS0	2	181	6855	106/54	2.00	2.40	5.21	1.44		6.65	24.00	Pass
HE40	MCS0	2	123	6565	Full	8.90	9.60	12.27	1.44		13.71	24.00	Pass
HE40	MCS0	2	123	6565	242/61	6.60	7.20	9.92	1.44		11.36	24.00	Pass
HE40	MCS0	2	147	6685	Full	8.10	9.40	11.81	1.44		13.25	24.00	Pass
HE40	MCS0	2	147	6685	242/61	6.10	6.90	9.53	1.44		10.97	24.00	Pass
HE40	MCS0	2	179	6845	Full	8.50	9.10	11.82	1.44		13.26	24.00	Pass
HE40	MCS0	2	179	6845	242/62	5.90	6.60	9.27	1.44		10.71	24.00	Pass
HE80	MCS0	2	135	6625	Full	11.40	11.90	14.67	1.44		16.11	24.00	Pass
HE80	MCS0	2	135	6625	484/65	8.90	9.20	12.06	1.44		13.50	24.00	Pass
HE80	MCS0	2	151	6705	Full	11.40	12.30	14.88	1.44		16.32	24.00	Pass
HE80	MCS0	2	151	6705	484/65	8.90	9.90	12.44	1.44		13.88	24.00	Pass
HE80	MCS0	2	167	6785	Full	11.80	12.30	15.07	1.44		16.51	24.00	Pass
HE80	MCS0	2	167	6785	484/66	8.90	9.20	12.06	1.44		13.50	24.00	Pass
HE160	MCS0	2	143	6665	Full	13.80	14.00	16.91	1.44		18.35	24.00	Pass
HE160	MCS0	2	143	6665	996/67	12.10	12.60	15.37	1.44		16.81	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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	185	6875	Full	5.90	6.80	9.38	1.44		10.82	24.00	Pass
HE20	MCS0	2	185	6875	26/8	-4.30	-3.20	-0.70	1.44		0.74	24.00	Pass
HE20	MCS0	2	185	6875	52/40	-0.70	-0.10	2.62	1.44		4.06	24.00	Pass
HE20	MCS0	2	185	6875	106/54	2.40	2.90	5.67	1.44		7.11	24.00	Pass
HE40	MCS0	2	187	6885	Full	8.80	9.50	12.17	1.44		13.61	24.00	Pass
HE40	MCS0	2	187	6885	242/62	6.00	7.00	9.54	1.44		10.98	24.00	Pass
HE80	MCS0	2	183	6865	Full	11.20	12.00	14.63	1.44		16.07	24.00	Pass
HE80	MCS0	2	183	6865	484/66	8.40	9.00	11.72	1.44		13.16	24.00	Pass
HE160	MCS0	2	175	6825	Full	13.40	14.00	16.72	1.44		18.16	24.00	Pass
HE160	MCS0	2	175	6825	996/67	11.30	11.60	14.46	1.44		15.90	24.00	Pass
HE160	MCS0	2	175	6825	996/S67	10.80	11.50	14.17	1.44		15.61	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	117	6535	Full	0.12	0.12			-2.77	1.44		-1.33	-1.00	Pass
HE20	MCS0	2	117	6535	26/0	0.61	0.62			-2.91	1.44		-1.47	-1.00	Pass
HE20	MCS0	2	117	6535	52/37	0.60	0.64			-3.07	1.44		-1.63	-1.00	Pass
HE20	MCS0	2	117	6535	106/53	0.65	0.69			-3.01	1.44		-1.57	-1.00	Pass
HE20	MCS0	2	149	6695	Full	0.12	0.12			-2.86	1.44		-1.42	-1.00	Pass
HE20	MCS0	2	149	6695	26/4	0.61	0.62			-3.33	1.44		-1.89	-1.00	Pass
HE20	MCS0	2	149	6695	52/38	0.60	0.64			-2.92	1.44		-1.48	-1.00	Pass
HE20	MCS0	2	149	6695	106/53	0.65	0.69			-2.90	1.44		-1.46	-1.00	Pass
HE20	MCS0	2	181	6855	Full	0.12	0.12			-2.81	1.44		-1.37	-1.00	Pass
HE20	MCS0	2	181	6855	26/8	0.61	0.62			-2.98	1.44		-1.54	-1.00	Pass
HE20	MCS0	2	181	6855	52/40	0.60	0.64			-3.23	1.44		-1.79	-1.00	Pass
HE20	MCS0	2	181	6855	106/54	0.65	0.69			-3.09	1.44		-1.65	-1.00	Pass
HE40	MCS0	2	123	6565	Full	0.31	0.31			-2.66	1.44		-1.22	-1.00	Pass
HE40	MCS0	2	123	6565	242/61	0.02	0.03			-2.69	1.44		-1.25	-1.00	Pass
HE40	MCS0	2	147	6685	Full	0.31	0.31			-2.77	1.44		-1.33	-1.00	Pass
HE40	MCS0	2	147	6685	242/61	0.02	0.03			-2.87	1.44		-1.43	-1.00	Pass
HE40	MCS0	2	179	6845	Full	0.31	0.31			-2.77	1.44		-1.33	-1.00	Pass
HE40	MCS0	2	179	6845	242/62	0.02	0.03			-2.98	1.44		-1.54	-1.00	Pass
HE80	MCS0	2	135	6625	Full	0.33	0.33			-2.82	1.44		-1.38	-1.00	Pass
HE80	MCS0	2	135	6625	484/65	0.03	0.03			-3.19	1.44		-1.75	-1.00	Pass
HE80	MCS0	2	151	6705	Full	0.33	0.33			-2.69	1.44		-1.25	-1.00	Pass
HE80	MCS0	2	151	6705	484/65	0.03	0.03			-2.81	1.44		-1.37	-1.00	Pass
HE80	MCS0	2	167	6785	Full	0.33	0.33			-2.46	1.44		-1.02	-1.00	Pass
HE80	MCS0	2	167	6785	484/66	0.03	0.03			-2.89	1.44		-1.45	-1.00	Pass
HE160	MCS0	2	143	6665	Full	0.21	0.21			-2.95	1.44		-1.51	-1.00	Pass
HE160	MCS0	2	143	6665	996/67	0.10	0.10			-3.31	1.44		-1.87	-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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	185	6875	Full	0.12	0.12			-2.53	1.44		-1.09	-1.00	Pass
HE20	MCS0	2	185	6875	26/8	0.61	0.62			-2.98	1.44		-1.54	-1.00	Pass
HE20	MCS0	2	185	6875	52/40	0.60	0.64			-2.81	1.44		-1.37	-1.00	Pass
HE20	MCS0	2	185	6875	106/54	0.65	0.69			-2.66	1.44		-1.22	-1.00	Pass
HE40	MCS0	2	187	6885	Full	0.31	0.31			-2.57	1.44		-1.13	-1.00	Pass
HE40	MCS0	2	187	6885	242/62	0.02	0.03			-2.90	1.44		-1.46	-1.00	Pass
HE80	MCS0	2	183	6865	Full	0.33	0.33			-2.93	1.44		-1.49	-1.00	Pass
HE80	MCS0	2	183	6865	484/66	0.03	0.03			-3.39	1.44		-1.95	-1.00	Pass
HE160	MCS0	2	175	6825	Full	0.21	0.21			-2.71	1.44		-1.27	-1.00	Pass
HE160	MCS0	2	175	6825	996/67	0.10	0.10			-3.17	1.44		-1.73	-1.00	Pass
HE160	MCS0	2	175	6825	996/S67	0.10	0.10			-3.12	1.44		-1.68	-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 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	189	6895	Full	19.03	19.08	21.42	21.90	320.00	Pass
HE20	MCS0	2	209	6995	Full	19.03	19.13	21.66	21.60	320.00	Pass
HE20	MCS0	2	229	7095	Full	19.03	19.08	21.36	21.72	320.00	Pass
HE20	MCS0	2	233	7115	Full	18.98	19.08	21.66	21.42	320.00	Pass
HE40	MCS0	2	195	6925	Full	38.16	38.16	40.56	40.80	320.00	Pass
HE40	MCS0	2	211	7005	Full	38.06	38.26	40.56	40.32	320.00	Pass
HE40	MCS0	2	227	7085	Full	38.06	38.26	40.56	40.20	320.00	Pass
HE80	MCS0	2	199	6945	Full	77.20	77.56	82.80	82.56	320.00	Pass
HE80	MCS0	2	215	7025	Full	77.08	77.56	82.80	82.80	320.00	Pass
HE160	MCS0	2	207	6985	Full	156.08	156.32	166.08	167.04	320.00	Pass

Report Number : FR332310G

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 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	189	6895	Full	5.60	6.60	9.14	1.27		10.41	24.00	Pass
HE20	MCS0	2	189	6895	26/0	-4.40	-3.80	-1.08	1.27		0.19	24.00	Pass
HE20	MCS0	2	189	6895	52/37	-0.80	-0.60	2.31	1.27		3.58	24.00	Pass
HE20	MCS0	2	189	6895	106/53	1.90	2.50	5.22	1.27		6.49	24.00	Pass
HE20	MCS0	2	209	6995	Full	6.00	6.40	9.21	1.27		10.48	24.00	Pass
HE20	MCS0	2	209	6995	26/4	-3.00	-2.20	0.43	1.27		1.70	24.00	Pass
HE20	MCS0	2	209	6995	52/38	-0.90	-0.40	2.37	1.27		3.64	24.00	Pass
HE20	MCS0	2	209	6995	106/53	2.00	2.20	5.11	1.27		6.38	24.00	Pass
HE20	MCS0	2	229	7095	Full	6.80	7.40	10.12	1.27		11.39	24.00	Pass
HE20	MCS0	2	229	7095	26/8	-2.50	-1.50	1.04	1.27		2.31	24.00	Pass
HE20	MCS0	2	229	7095	52/40	0.70	1.90	4.35	1.27		5.62	24.00	Pass
HE20	MCS0	2	229	7095	106/54	3.50	3.90	6.71	1.27		7.98	24.00	Pass
HE20	MCS0	2	233	7115	Full	6.50	6.90	9.71	1.27		10.98	24.00	Pass
HE20	MCS0	2	233	7115	26/8	-2.20	-1.20	1.34	1.27		2.61	24.00	Pass
HE20	MCS0	2	233	7115	52/40	0.50	1.70	4.15	1.27		5.42	24.00	Pass
HE20	MCS0	2	233	7115	106/54	3.90	4.20	7.06	1.27		8.33	24.00	Pass
HE40	MCS0	2	195	6925	Full	8.60	9.20	11.92	1.27		13.19	24.00	Pass
HE40	MCS0	2	195	6925	242/61	6.30	6.60	9.46	1.27		10.73	24.00	Pass
HE40	MCS0	2	211	7005	Full	8.90	9.30	12.11	1.27		13.38	24.00	Pass
HE40	MCS0	2	211	7005	242/62	6.20	6.60	9.41	1.27		10.68	24.00	Pass
HE40	MCS0	2	227	7085	Full	9.90	10.30	13.11	1.27		14.38	24.00	Pass
HE40	MCS0	2	227	7085	242/62	7.70	8.30	11.02	1.27		12.29	24.00	Pass
HE80	MCS0	2	199	6945	Full	11.50	11.80	14.66	1.27		15.93	24.00	Pass
HE80	MCS0	2	199	6945	484/65	8.90	9.40	12.17	1.27		13.44	24.00	Pass
HE80	MCS0	2	215	7025	Full	11.60	12.40	15.03	1.27		16.30	24.00	Pass
HE80	MCS0	2	215	7025	484/66	9.40	10.00	12.72	1.27		13.99	24.00	Pass
HE160	MCS0	2	207	6985	Full	14.40	14.40	17.41	1.27		18.68	24.00	Pass
HE160	MCS0	2	207	6985	996/67	12.70	12.60	15.66	1.27		16.93	24.00	Pass
HE160	MCS0	2	207	6985	996/S67	12.00	12.30	15.16	1.27		16.43	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 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	SUM		
HE20	MCS0	2	189	6895	Full	0.17	0.17			-2.70	1.27		-1.43	-1.00	Pass
HE20	MCS0	2	189	6895	26/0	0.61	0.62			-3.56	1.27		-2.29	-1.00	Pass
HE20	MCS0	2	189	6895	52/37	0.60	0.64			-3.16	1.27		-1.89	-1.00	Pass
HE20	MCS0	2	189	6895	106/53	0.65	0.69			-2.85	1.27		-1.58	-1.00	Pass
HE20	MCS0	2	209	6995	Full	0.17	0.17			-2.70	1.27		-1.43	-1.00	Pass
HE20	MCS0	2	209	6995	26/4	0.61	0.62			-3.00	1.27		-1.73	-1.00	Pass
HE20	MCS0	2	209	6995	52/38	0.60	0.64			-2.97	1.27		-1.70	-1.00	Pass
HE20	MCS0	2	209	6995	106/53	0.65	0.69			-2.91	1.27		-1.64	-1.00	Pass
HE20	MCS0	2	229	7095	Full	0.17	0.17			-2.64	1.27		-1.37	-1.00	Pass
HE20	MCS0	2	229	7095	26/8	0.61	0.62			-2.99	1.27		-1.72	-1.00	Pass
HE20	MCS0	2	229	7095	52/40	0.60	0.64			-2.71	1.27		-1.44	-1.00	Pass
HE20	MCS0	2	229	7095	106/54	0.65	0.69			-3.04	1.27		-1.77	-1.00	Pass
HE20	MCS0	2	233	7115	Full	0.17	0.17			-2.36	1.27		-1.09	-1.00	Pass
HE20	MCS0	2	233	7115	26/8	0.61	0.62			-2.54	1.27		-1.27	-1.00	Pass
HE20	MCS0	2	233	7115	52/40	0.60	0.64			-2.73	1.27		-1.46	-1.00	Pass
HE20	MCS0	2	233	7115	106/54	0.65	0.69			-2.52	1.27		-1.25	-1.00	Pass
HE40	MCS0	2	195	6925	Full	0.22	0.22			-2.69	1.27		-1.42	-1.00	Pass
HE40	MCS0	2	195	6925	242/61	0.02	0.03			-2.80	1.27		-1.53	-1.00	Pass
HE40	MCS0	2	211	7005	Full	0.22	0.22			-2.62	1.27		-1.35	-1.00	Pass
HE40	MCS0	2	211	7005	242/62	0.02	0.03			-3.04	1.27		-1.77	-1.00	Pass
HE40	MCS0	2	227	7085	Full	0.22	0.22			-2.74	1.27		-1.47	-1.00	Pass
HE40	MCS0	2	227	7085	242/62	0.02	0.03			-2.85	1.27		-1.58	-1.00	Pass
HE80	MCS0	2	199	6945	Full	0.26	0.26			-2.68	1.27		-1.41	-1.00	Pass
HE80	MCS0	2	199	6945	484/65	0.03	0.03			-3.13	1.27		-1.86	-1.00	Pass
HE80	MCS0	2	215	7025	Full	0.26	0.26			-2.69	1.27		-1.42	-1.00	Pass
HE80	MCS0	2	215	7025	484/66	0.03	0.03			-3.12	1.27		-1.85	-1.00	Pass
HE160	MCS0	2	207	6985	Full	0.21	0.21			-2.58	1.27		-1.31	-1.00	Pass
HE160	MCS0	2	207	6985	996/67	0.10	0.10			-2.75	1.27		-1.48	-1.00	Pass
HE160	MCS0	2	207	6985	996/S67	0.10	0.10			-2.86	1.27		-1.59	-1.00	Pass

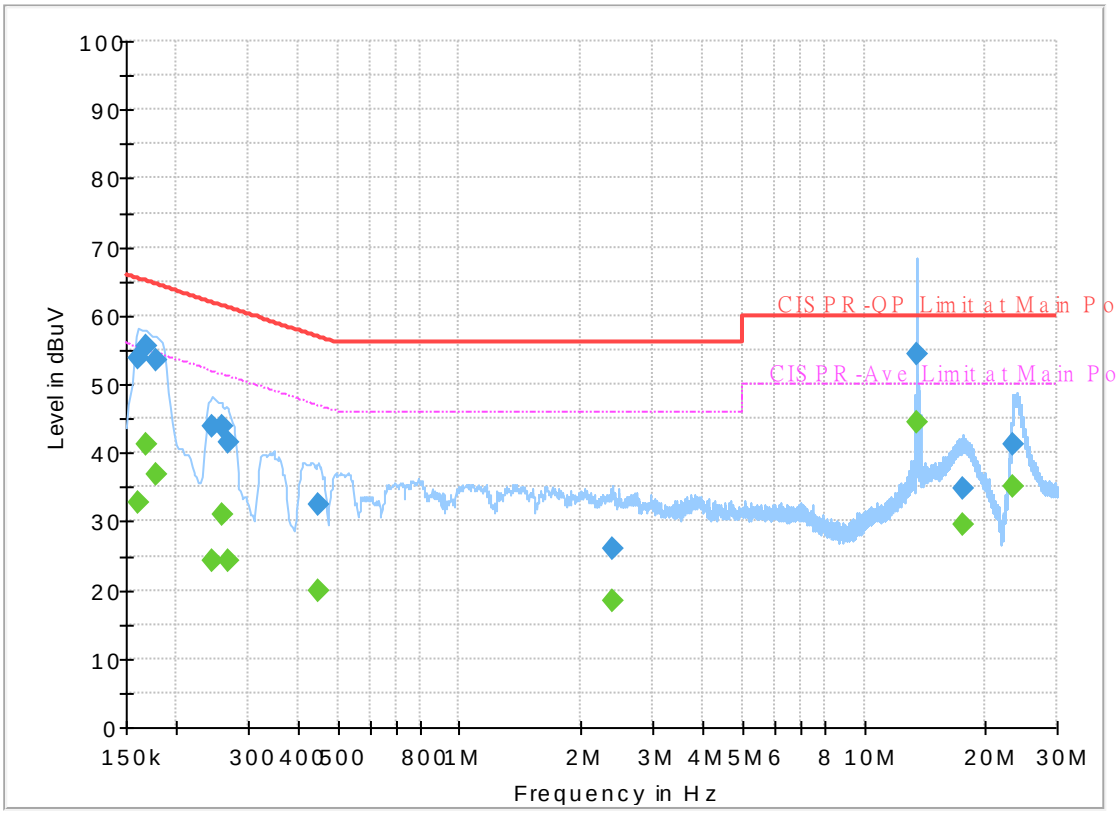
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	332310
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

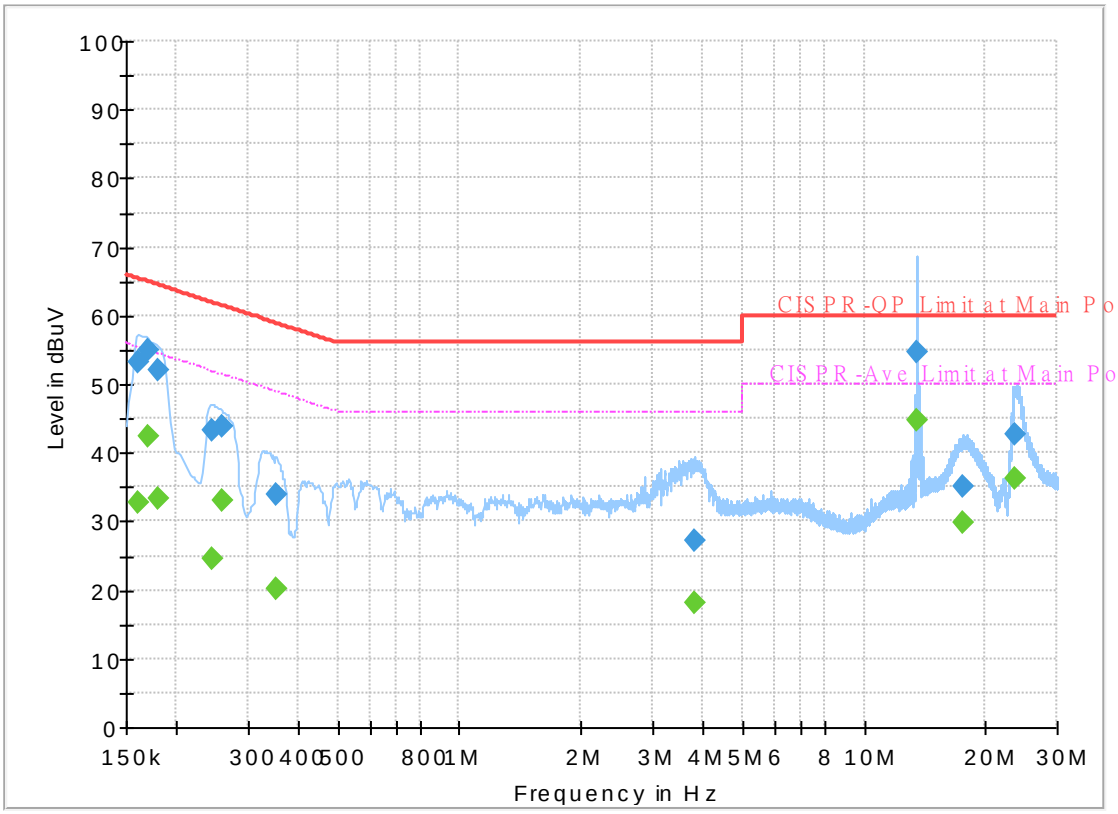
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	32.63	55.40	22.77	L1	OFF	19.8
0.161250	53.71	---	65.40	11.69	L1	OFF	19.8
0.168000	---	41.17	55.06	13.89	L1	OFF	19.8
0.168000	55.45	---	65.06	9.61	L1	OFF	19.8
0.177000	---	36.76	54.63	17.87	L1	OFF	19.8
0.177000	53.54	---	64.63	11.09	L1	OFF	19.8
0.244500	---	24.24	51.94	27.70	L1	OFF	19.8
0.244500	43.73	---	61.94	18.21	L1	OFF	19.8
0.258000	---	31.05	51.50	20.45	L1	OFF	19.8
0.258000	43.84	---	61.50	17.66	L1	OFF	19.8
0.267000	---	24.16	51.21	27.05	L1	OFF	19.8
0.267000	41.59	---	61.21	19.62	L1	OFF	19.8
0.449250	---	19.85	46.89	27.04	L1	OFF	19.8
0.449250	32.55	---	56.89	24.34	L1	OFF	19.8
2.388750	---	18.45	46.00	27.55	L1	OFF	19.9
2.388750	26.08	---	56.00	29.92	L1	OFF	19.9
13.560000	---	44.34	50.00	5.66	L1	OFF	20.0
13.560000	54.47	---	60.00	5.53	L1	OFF	20.0
17.598750	---	29.47	50.00	20.53	L1	OFF	20.0
17.598750	34.93	---	60.00	25.07	L1	OFF	20.0
23.448750	---	34.97	50.00	15.03	L1	OFF	20.0

23.448750	**41.23**	**---**	**60.00**	**18.77**	**L1**	**OFF**	**20.0**

EUT Information

Report NO :	332310
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	32.65	55.40	22.75	N	OFF	19.8
0.161250	53.16	---	65.40	12.24	N	OFF	19.8
0.170250	---	42.36	54.95	12.59	N	OFF	19.8
0.170250	55.02	---	64.95	9.93	N	OFF	19.8
0.179250	---	33.43	54.52	21.09	N	OFF	19.8
0.179250	52.12	---	64.52	12.40	N	OFF	19.8
0.244500	---	24.67	51.94	27.27	N	OFF	19.8
0.244500	43.13	---	61.94	18.81	N	OFF	19.8
0.258000	---	33.16	51.50	18.34	N	OFF	19.8
0.258000	43.91	---	61.50	17.59	N	OFF	19.8
0.352500	---	20.22	48.90	28.68	N	OFF	19.8
0.352500	33.87	---	58.90	25.03	N	OFF	19.8
3.826500	---	18.25	46.00	27.75	N	OFF	19.9
3.826500	27.12	---	56.00	28.88	N	OFF	19.9
13.560000	---	44.60	50.00	5.40	N	OFF	20.1
13.560000	54.71	---	60.00	5.29	N	OFF	20.1
17.657250	---	29.75	50.00	20.25	N	OFF	20.1
17.657250	35.23	---	60.00	24.77	N	OFF	20.1
23.493750	---	36.37	50.00	13.63	N	OFF	20.2
23.493750	42.66	---	60.00	17.34	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	John Chuang, JC Liang and Howard Huang	Temperature :	18.2~22.4°C
		Relative Humidity :	66.8~69.1%

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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5924.26	67.51	-20.69	88.2	57.19	34.35	13.79	37.82	256	339	P	H
		5924.96	54.05	-14.15	68.2	43.73	34.35	13.79	37.82	256	339	A	H
	*	5955	114.44	-	-	104.17	34.27	13.83	37.83	256	339	P	H
	*	5955	107.08	-	-	96.81	34.27	13.83	37.83	256	339	A	H
													H
													H
		5924.54	62.81	-25.39	88.2	52.49	34.35	13.79	37.82	321	48	P	V
		5924.96	50.08	-18.12	68.2	39.76	34.35	13.79	37.82	321	48	A	V
	*	5955	109.25	-	-	98.98	34.27	13.83	37.83	321	48	P	V
	*	5955	102.17	-	-	91.9	34.27	13.83	37.83	321	48	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11910	50.28	-23.72	74	33.75	39.12	20.14	42.73	100	48	P	H
		11910	41.05	-12.95	54	24.52	39.12	20.14	42.73	100	48	A	H
		17865	54.85	-19.15	74	34.09	41.25	24.6	45.09	100	185	P	H
		17865	45.44	-8.56	54	24.68	41.25	24.6	45.09	100	185	A	H
		23820	44.16	-29.84	74	39.85	39.01	18.4	53.1	150	50	P	H
		23820	35.19	-18.81	54	30.88	39.01	18.4	53.1	150	50	A	H
													H
													H
													H
													H
													H
802.11a													H
CH 01		11910	52.5	-21.5	74	35.97	39.12	20.14	42.73	200	315	P	V
5955MHz		11910	41.85	-12.15	54	25.32	39.12	20.14	42.73	200	315	A	V
		17865	55.52	-18.48	74	34.76	41.25	24.6	45.09	117	321	P	V
		17865	45.08	-8.92	54	24.32	41.25	24.6	45.09	117	321	A	V
		23820	44.82	-29.18	74	40.51	39.01	18.4	53.1	150	15	P	V
		23820	35.94	-18.06	54	31.63	39.01	18.4	53.1	150	15	A	V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12390	50.65	-23.35	74	33.81	39.1	20.63	42.89	200	94	P	H
		12390	42.43	-11.57	54	25.59	39.1	20.63	42.89	200	94	A	H
		18585	60.37	-13.63	74	61.58	37.87	14.82	53.9	150	36	P	H
		18585	49.94	-4.06	54	51.15	37.87	14.82	53.9	150	36	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 49		12390	51.04	-22.96	74	34.2	39.1	20.63	42.89	100	28	P	V
6195MHz		12390	41.99	-12.01	54	25.15	39.1	20.63	42.89	100	28	A	V
		18585	60.11	-13.89	74	61.32	37.87	14.82	53.9	150	7	P	V
		18585	49.62	-4.38	54	50.83	37.87	14.82	53.9	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12830	52.39	-35.81	88.2	34.3	39.76	21.08	42.75	-	-	P	H
		19245	58.97	-15.03	74	59.55	37.81	15.31	53.7	150	308	P	H
		19245	49.19	-4.81	54	49.77	37.81	15.31	53.7	150	308	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 93		12830	51.53	-36.67	88.2	33.44	39.76	21.08	42.75	-	-	P	V
6415MHz		19245	60.11	-13.89	74	60.69	37.81	15.31	53.7	150	7	P	V
		19245	50.61	-3.39	54	51.19	37.81	15.31	53.7	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 5 5925~6425MHz

WIFI 802.11ax HE20 Full (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5924.54	69.35	-18.85	88.2	59.03	34.35	13.79	37.82	300	340	P	H
		5918.52	52.9	-15.3	68.2	42.57	34.36	13.78	37.81	300	340	A	H
	*	5955	115.03	-	-	104.76	34.27	13.83	37.83	300	340	P	H
	*	5955	108.04	-	-	97.77	34.27	13.83	37.83	300	340	A	H
802.11ax													H
HE20 Full													H
CH 01		5922.72	64.78	-23.42	88.2	54.46	34.35	13.79	37.82	250	29	P	V
5955MHz		5923.7	48.87	-19.33	68.2	38.55	34.35	13.79	37.82	250	29	A	V
	*	5955	112.41	-	-	102.14	34.27	13.83	37.83	250	29	P	V
	*	5955	104.08	-	-	93.81	34.27	13.83	37.83	250	29	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11910	54.94	-19.06	74	38.41	39.12	20.14	42.73	200	48	P	H
		11910	44.09	-9.91	54	27.56	39.12	20.14	42.73	200	48	A	H
		17865	65.49	-8.51	74	44.73	41.25	24.6	45.09	150	55	P	H
		17865	50.38	-3.62	54	29.62	41.25	24.6	45.09	150	55	A	H
		23820	48.79	-25.21	74	44.48	39.01	18.4	53.1	150	51	P	H
		23820	36.06	-17.94	54	31.75	39.01	18.4	53.1	150	51	A	H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		11910	52.47	-21.53	74	35.94	39.12	20.14	42.73	150	358	P	V
5955MHz		11910	42.4	-11.6	54	25.87	39.12	20.14	42.73	150	358	A	V
		17865	64.42	-9.58	74	43.66	41.25	24.6	45.09	150	34	P	V
		17865	49.63	-4.37	54	28.87	41.25	24.6	45.09	150	34	A	V
		23820	49	-25	74	44.69	39.01	18.4	53.1	150	8	P	V
		23820	36.4	-17.6	54	32.09	39.01	18.4	53.1	150	8	A	V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12390	56.04	-17.96	74	39.2	39.1	20.63	42.89	200	89	P	H
		12390	42.87	-11.13	54	26.03	39.1	20.63	42.89	200	89	A	H
		18585	64.2	-9.8	74	64.89	37.87	15.34	53.9	150	318	P	H
		18585	50.39	-3.61	54	51.08	37.87	15.34	53.9	150	318	A	H
		24780	47.6	-40.6	88.2	41.46	39.45	19.69	53	150	33	P	H
		24780	34.01	-34.19	68.2	27.87	39.45	19.69	53	150	33	A	H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		12390	52.18	-21.82	74	35.34	39.1	20.63	42.89	100	27	P	V
6195MHz		12390	42.34	-11.66	54	25.5	39.1	20.63	42.89	100	27	A	V
		18585	60.86	-13.14	74	61.55	37.87	15.34	53.9	150	9	P	V
		18585	47.89	-6.11	54	48.58	37.87	15.34	53.9	150	9	A	V
		24780	40.42	-47.78	88.2	34.28	39.45	19.69	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12830	52.72	-35.48	88.2	34.63	39.76	21.08	42.75	-	-	P	H
		19245	61.23	-12.77	74	61.29	37.81	15.83	53.7	150	42	P	H
		19245	49.36	-4.64	54	49.42	37.81	15.83	53.7	150	42	A	H
		25660	43.16	-45.04	88.2	37.23	38.97	19.96	53	150	7	P	H
		25660	33.57	-34.63	68.2	27.64	38.97	19.96	53	150	7	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	53.69	-34.51	88.2	35.6	39.76	21.08	42.75	-	-	P	V
6415MHz		19245	61	-13	74	61.06	37.81	15.83	53.7	150	29	P	V
		19245	49.05	-4.95	54	49.11	37.81	15.83	53.7	150	29	A	V
		25660	41.61	-46.59	88.2	35.68	38.97	19.96	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													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 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 106 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5924.96	84.63	-3.57	88.2	74.31	34.35	13.79	37.82	315	339	P	H
		5924.4	61.72	-6.48	68.2	51.4	34.35	13.79	37.82	315	339	A	H
	*	5955	116.64	-	-	106.37	34.27	13.83	37.83	315	339	P	H
802.11ax	*	5955	109.37	-	-	99.1	34.27	13.83	37.83	315	339	A	H
HE20													H
Partial													H
106/53		5921.32	80.5	-7.7	88.2	70.16	34.36	13.79	37.81	264	17	P	V
CH 01		5922.58	55.99	-12.21	68.2	45.67	34.35	13.79	37.82	264	17	A	V
5955MHz	*	5955	113.68	-	-	103.41	34.27	13.83	37.83	264	17	P	V
	*	5955	106.83	-	-	96.56	34.27	13.83	37.83	264	17	A	V
													V
													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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5925	73.09	-15.11	88.2	62.77	34.35	13.79	37.82	300	342	P	H
		5924.7	62.78	-5.42	68.2	52.46	34.35	13.79	37.82	300	342	A	H
	*	5965	113.92	-	-	103.7	34.21	13.84	37.83	300	342	P	H
	*	5965	106.44	-	-	96.22	34.21	13.84	37.83	300	342	A	H
802.11ax													H
HE40 Full													H
CH 03		5923.26	69.1	-19.1	88.2	58.78	34.35	13.79	37.82	250	24	P	V
5965MHz		5923.44	57.22	-10.98	68.2	46.9	34.35	13.79	37.82	250	24	A	V
	*	5965	109.72	-	-	99.5	34.21	13.84	37.83	250	24	P	V
	*	5965	102.73	-	-	92.51	34.21	13.84	37.83	250	24	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11930	54.46	-19.54	74	37.88	39.16	20.16	42.74	175	50	P	H
		11930	43.8	-10.2	54	27.22	39.16	20.16	42.74	175	50	A	H
		17895	63.13	-10.87	74	42.07	41.55	24.62	45.11	150	53	P	H
		17895	50.13	-3.87	54	29.07	41.55	24.62	45.11	150	53	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		11930	52.66	-21.34	74	36.08	39.16	20.16	42.74	200	33	P	V
5965MHz		11930	42.19	-11.81	54	25.61	39.16	20.16	42.74	200	33	A	V
		17895	60.51	-13.49	74	39.45	41.55	24.62	45.11	150	35	P	V
		17895	49.1	-4.9	54	28.04	41.55	24.62	45.11	150	35	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12410	51.52	-22.48	74	34.67	39.1	20.65	42.9	200	93	P	H
		12410	41.97	-12.03	54	25.12	39.1	20.65	42.9	200	93	A	H
		18615	59.33	-14.67	74	59.91	37.97	15.35	53.9	150	319	P	H
		18615	48.59	-5.41	54	49.17	37.97	15.35	53.9	150	319	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	52.22	-21.78	74	35.37	39.1	20.65	42.9	150	355	P	V
6205MHz		12410	41.79	-12.21	54	24.94	39.1	20.65	42.9	150	355	A	V
		18615	58.32	-15.68	74	58.9	37.97	15.35	53.9	150	3	P	V
		18615	47.58	-6.42	54	48.16	37.97	15.35	53.9	150	3	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12810	52.39	-35.81	88.2	34.38	39.72	21.05	42.76	-	-	P	H
		19215	61.67	-12.33	74	61.73	37.87	15.8	53.73	150	42	P	H
		19215	50.29	-3.71	54	50.35	37.87	15.8	53.73	150	42	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	51.91	-36.29	88.2	33.9	39.72	21.05	42.76	-	-	P	V
6405MHz		19215	60.87	-13.13	74	60.93	37.87	15.8	53.73	150	29	P	V
		19215	50.12	-3.88	54	50.18	37.87	15.8	53.73	150	29	A	V
													V
													V
													V
													V
													V
													V
													V
													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 5 5925~6425MHz

WIFI 802.11ax HE40 Partial 242 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5909.94	82.62	-5.58	88.2	72.28	34.38	13.77	37.81	299	340	P	H
		5914.26	62.13	-6.07	68.2	51.79	34.37	13.78	37.81	299	340	A	H
	*	5965	116.29	-	-	106.07	34.21	13.84	37.83	299	340	P	H
802.11ax	*	5965	108.25	-	-	98.03	34.21	13.84	37.83	299	340	A	H
HE40													H
Partial													H
242/61		5913.72	77.6	-10.6	88.2	67.26	34.37	13.78	37.81	264	17	P	V
CH 03		5923.08	56.77	-11.43	68.2	46.45	34.35	13.79	37.82	264	17	A	V
5965MHz	*	5965	111.79	-	-	101.57	34.21	13.84	37.83	264	17	P	V
	*	5965	104.15	-	-	93.93	34.21	13.84	37.83	264	17	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5915.56	69.56	-18.64	88.2	59.22	34.37	13.78	37.81	296	341	P	H
		5924.04	58.57	-9.63	68.2	48.25	34.35	13.79	37.82	296	341	A	H
	*	5985	111.17	-	-	101.05	34.09	13.87	37.84	296	341	P	H
	*	5985	102.58	-	-	92.46	34.09	13.87	37.84	296	341	A	H
802.11ax													H
HE80 Full													H
CH 07		5924.68	61.84	-26.36	88.2	51.52	34.35	13.79	37.82	399	57	P	V
5985MHz		5923.08	50.19	-18.01	68.2	39.87	34.35	13.79	37.82	399	57	A	V
	*	5985	106.23	-	-	96.11	34.09	13.87	37.84	399	57	P	V
	*	5985	97.78	-	-	87.66	34.09	13.87	37.84	399	57	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11970	52.07	-21.93	74	35.39	39.24	20.2	42.76	150	67	P	H
		11970	41.72	-12.28	54	25.04	39.24	20.2	42.76	150	67	A	H
		17955	58.01	-15.99	74	36.6	41.93	24.64	45.16	150	52	P	H
		17955	47.35	-6.65	54	25.94	41.93	24.64	45.16	150	52	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		11970	51.91	-22.09	74	35.23	39.24	20.2	42.76	150	356	P	V
5985MHz		11970	41.63	-12.37	54	24.95	39.24	20.2	42.76	150	356	A	V
		17955	57.74	-16.26	74	36.33	41.93	24.64	45.16	150	30	P	V
		17955	47.41	-6.59	54	26	41.93	24.64	45.16	150	30	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12450	51.85	-22.15	74	34.97	39.1	20.69	42.91	200	107	P	H
		12450	41.36	-12.64	54	24.48	39.1	20.69	42.91	200	107	A	H
		18675	54.38	-19.62	74	54.73	38.16	15.39	53.9	150	319	P	H
		18675	43.08	-10.92	54	43.43	38.16	15.39	53.9	150	319	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	51.8	-22.2	74	34.92	39.1	20.69	42.91	100	152	P	V
6225MHz		12450	41.38	-12.62	54	24.5	39.1	20.69	42.91	100	152	A	V
		18675	52.96	-21.04	74	53.31	38.16	15.39	53.9	150	9	P	V
		18675	42.17	-11.83	54	42.52	38.16	15.39	53.9	150	9	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12770	52.26	-35.94	88.2	34.39	39.64	21.01	42.78	-	-	P	H
		19155	55.31	-18.69	74	55.36	37.99	15.74	53.78	150	36	P	H
		19155	46.67	-7.33	54	46.72	37.99	15.74	53.78	150	36	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12770	51.95	-36.25	88.2	34.08	39.64	21.01	42.78	-	-	P	V
6385MHz		19155	56.94	-17.06	74	56.99	37.99	15.74	53.78	150	7	P	V
		19155	46.71	-7.29	54	46.76	37.99	15.74	53.78	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 5 5925~6425MHz

WIFI 802.11ax HE80 Partial 484 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5914.28	81.88	-6.32	88.2	71.54	34.37	13.78	37.81	300	340	P	H
		5924.52	62.37	-5.83	68.2	52.05	34.35	13.79	37.82	300	340	A	H
	*	5985	112.54	-	-	102.42	34.09	13.87	37.84	300	340	P	H
802.11ax	*	5985	105.23	-	-	95.11	34.09	13.87	37.84	300	340	A	H
HE80													H
Partial													H
484/65		5914.12	77	-11.2	88.2	66.66	34.37	13.78	37.81	266	25	P	V
CH 07		5924.36	57.32	-10.88	68.2	47	34.35	13.79	37.82	266	25	A	V
5985MHz	*	5985	108.76	-	-	98.64	34.09	13.87	37.84	266	25	P	V
	*	5985	101.41	-	-	91.29	34.09	13.87	37.84	266	25	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5893.16	67.22	-20.98	88.2	56.92	34.36	13.75	37.81	292	343	P	H
		5902.12	56.17	-12.03	68.2	45.82	34.4	13.76	37.81	292	343	P	H
	*	6025	101.22	-	-	91.13	34	13.92	37.83	292	343	P	H
	*	6025	92.35	-	-	82.26	34	13.92	37.83	292	343	P	H
802.11ax													H
HE160 Full													H
CH 15		5881.96	67.76	-20.44	88.2	57.53	34.29	13.74	37.8	259	25	P	V
6025MHz		5922.6	57.07	-11.13	68.2	46.75	34.35	13.79	37.82	259	25	A	V
	*	6025	103.1	-	-	93.01	34	13.92	37.83	259	25	P	V
	*	6025	95.07	-	-	84.98	34	13.92	37.83	259	25	P	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12050	51.65	-22.35	74	34.86	39.3	20.28	42.79	281	56	P	H
		12050	42.06	-11.94	54	25.27	39.3	20.28	42.79	281	56	A	H
		18075	49.31	-24.69	74	50.43	37.58	15.03	53.73	150	51	P	H
		18075	40.04	-13.96	54	41.16	37.58	15.03	53.73	150	51	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 15		12050	50.66	-23.34	74	33.87	39.3	20.28	42.79	107	253	P	V
6025MHz		12050	42.04	-11.96	54	25.25	39.3	20.28	42.79	107	253	A	V
		18075	48.52	-25.48	74	49.64	37.58	15.03	53.73	150	34	P	V
		18075	38.85	-15.15	54	39.97	37.58	15.03	53.73	150	34	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12370	51.12	-22.88	74	34.3	39.1	20.61	42.89	200	158	P	H
		12370	42.04	-11.96	54	25.22	39.1	20.61	42.89	200	158	A	H
		18555	48.7	-25.3	74	49.5	37.78	15.32	53.9	150	74	P	H
		18555	38.52	-15.48	54	39.32	37.78	15.32	53.9	150	74	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 47		12370	51.98	-22.02	74	35.16	39.1	20.61	42.89	207	18	P	V
6185MHz		12370	42.19	-11.81	54	25.37	39.1	20.61	42.89	207	18	A	V
		18555	46.6	-27.4	74	47.4	37.78	15.32	53.9	150	10	P	V
		18555	38.35	-15.65	54	39.15	37.78	15.32	53.9	150	10	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12690	52.11	-21.89	74	34.51	39.49	20.94	42.83	297	11	P	H
		12690	42.79	-11.21	54	25.19	39.49	20.94	42.83	297	11	A	H
		19035	50.87	-23.13	74	50.89	38.23	15.62	53.87	150	35	P	H
		19035	42.23	-11.77	54	42.25	38.23	15.62	53.87	150	35	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 79		12690	52.18	-21.82	74	34.58	39.49	20.94	42.83	128	177	P	V
6345MHz		12690	42.76	-11.24	54	25.16	39.49	20.94	42.83	128	177	A	V
		19035	50.45	-23.55	74	50.47	38.23	15.62	53.87	150	5	P	V
		19035	41.34	-12.66	54	41.36	38.23	15.62	53.87	150	5	A	V
													V
													V
													V
													V
													V
													V
													V
													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 Partial 996 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5894.12	74.83	-13.37	88.2	64.53	34.36	13.75	37.81	303	339	P	H
		5898.92	64.26	-3.94	68.2	53.92	34.39	13.76	37.81	303	339	A	H
	*	6025	106.77	-	-	96.68	34	13.92	37.83	303	339	P	H
802.11ax	*	6025	99.58	-	-	89.49	34	13.92	37.83	303	339	A	H
HE160													H
Partial													H
996/67		5894.12	71.21	-16.99	88.2	60.91	34.36	13.75	37.81	258	25	P	V
CH 15		5893.8	60.69	-7.51	68.2	50.39	34.36	13.75	37.81	258	25	A	V
6025MHz	*	6025	104.77	-	-	94.68	34	13.92	37.83	258	25	P	V
	*	6025	96.17	-	-	86.08	34	13.92	37.83	258	25	A	V
													V
													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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12870	52.69	-35.51	88.2	34.46	39.84	21.12	42.73	-	-	P	H
		19305	37.01	-36.99	74	36.91	37.87	15.89	53.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 97		12870	52.23	-35.97	88.2	34	39.84	21.12	42.73	-	-	P	V
6435MHz		19305	36.01	-37.99	74	35.91	37.87	15.89	53.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12950	52.28	-35.92	88.2	33.92	39.85	21.2	42.69	-	-	P	H
		19425	37.67	-36.33	74	37.21	38.01	16.01	53.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 105		12950	51.14	-37.06	88.2	32.78	39.85	21.2	42.69	-	-	P	V
6475MHz		19425	37.63	-36.37	74	37.17	38.01	16.01	53.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13030	51.18	-37.02	88.2	32.79	39.77	21.3	42.68	-	-	P	H
		19545	36.74	-37.26	74	36.05	38.03	16.13	53.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 113		13030	51.17	-37.03	88.2	32.78	39.77	21.3	42.68	-	-	P	V
6515MHz		19545	37.16	-36.84	74	36.47	38.03	16.13	53.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12870	52.68	-35.52	88.2	34.45	39.84	21.12	42.73	-	-	P	H
		19305	36.39	-37.61	74	36.29	37.87	15.89	53.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 97		12870	51.98	-36.22	88.2	33.75	39.84	21.12	42.73	-	-	P	V
6435MHz		19305	37.94	-36.06	74	37.84	37.87	15.89	53.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12950	51.81	-36.39	88.2	33.45	39.85	21.2	42.69	-	-	P	H
		19425	36.8	-37.2	74	36.34	38.01	16.01	53.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 105		12950	52.38	-35.82	88.2	34.02	39.85	21.2	42.69	-	-	P	V
6475MHz		19425	37.37	-36.63	74	36.91	38.01	16.01	53.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13030	52.14	-36.06	88.2	33.75	39.77	21.3	42.68	-	-	P	H
		19545	36.71	-37.29	74	36.02	38.03	16.13	53.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 113		13030	51.21	-36.99	88.2	32.82	39.77	21.3	42.68	-	-	P	V
6515MHz		19545	36.95	-37.05	74	36.26	38.03	16.13	53.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12890	52.4	-35.8	88.2	34.1	39.88	21.14	42.72	-	-	P	H
		19335	38.26	-35.74	74	38.08	37.9	15.91	53.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 99		12890	52.65	-35.55	88.2	34.35	39.88	21.14	42.72	-	-	P	V
6445MHz		19335	37.12	-36.88	74	36.94	37.9	15.91	53.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12970	53.22	-34.98	88.2	34.85	39.83	21.22	42.68	-	-	P	H
		19455	38.99	-35.01	74	38.44	38.05	16.04	53.54	150	56	P	H
		19455	29.9	-24.1	54	29.35	38.05	16.04	53.54	150	56	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 107		12970	52.4	-35.8	88.2	34.03	39.83	21.22	42.68	-	-	P	V
6485MHz		19455	38.42	-35.58	74	37.87	38.05	16.04	53.54	150	5	P	V
		19455	29.48	-24.52	54	28.93	38.05	16.04	53.54	150	5	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13050	51.75	-36.45	88.2	33.36	39.75	21.33	42.69	-	-	P	H
		19575	37.47	-36.53	74	36.79	37.98	16.16	53.46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 115		13050	51.78	-36.42	88.2	33.39	39.75	21.33	42.69	-	-	P	V
6525MHz		19575	37.17	-36.83	74	36.49	37.98	16.16	53.46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12930	52.5	-35.7	88.2	34.16	39.87	21.17	42.7	-	-	P	H
		19395	41.33	-32.67	74	40.96	37.97	15.98	53.58	150	56	P	H
		19395	32.06	-21.94	54	31.69	37.97	15.98	53.58	150	56	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 103		12930	52.05	-36.15	88.2	33.71	39.87	21.17	42.7	-	-	P	V
6465MHz		19395	42.49	-31.51	74	42.12	37.97	15.98	53.58	150	7	P	V
		19395	31.31	-22.69	54	30.94	37.97	15.98	53.58	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13010	51.97	-36.23	88.2	33.59	39.79	21.26	42.67	-	-	P	H
		19515	50.44	-23.56	74	49.75	38.08	16.1	53.49	150	56	P	H
		19515	40.84	-13.16	54	40.15	38.08	16.1	53.49	150	56	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 111		13010	52.39	-35.81	88.2	34.01	39.79	21.26	42.67	-	-	P	V
6505MHz		19515	49.62	-24.38	74	48.93	38.08	16.1	53.49	150	7	P	V
		19515	39.17	-14.83	54	38.48	38.08	16.1	53.49	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 117 6535MHz		13070	56.35	-31.85	88.2	37.96	39.73	21.36	42.7	-	-	P	H
		19605	60.45	-13.55	74	59.77	37.93	16.19	53.44	150	26	P	H
		19605	49.07	-4.93	54	48.39	37.93	16.19	53.44	150	26	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13070	52.13	-36.07	88.2	33.74	39.73	21.36	42.7	-	-	P	V
		19605	59.76	-14.24	74	59.08	37.93	16.19	53.44	150	8	P	V
		19605	50.24	-3.76	54	49.56	37.93	16.19	53.44	150	8	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13390	59	-15	74	39.92	40.08	21.9	42.9	162	63	P	H
		13390	50.82	-3.18	54	31.74	40.08	21.9	42.9	162	63	A	H
		20085	50.33	-23.67	74	49.02	37.83	16.66	53.18	150	32	P	H
		20085	39.63	-14.37	54	38.32	37.83	16.66	53.18	150	32	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 149		13390	55.28	-18.72	74	36.2	40.08	21.9	42.9	300	345	P	V
6695MHz		13390	47.08	-6.92	54	28	40.08	21.9	42.9	300	345	A	V
		20085	51.76	-22.24	74	50.45	37.83	16.66	53.18	150	39	P	V
		20085	40.41	-13.59	54	39.1	37.83	16.66	53.18	150	39	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13750	54.09	-34.11	88.2	35.38	39.6	22.49	43.38	-	-	P	H
		20625	54.8	-19.2	74	52.33	38.4	17.14	53.07	150	30	P	H
		20625	45.43	-8.57	54	42.96	38.4	17.14	53.07	150	30	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 185		13750	52.81	-35.39	88.2	34.1	39.6	22.49	43.38	-	-	P	V
6875MHz		20625	57.77	-16.23	74	55.3	38.4	17.14	53.07	150	20	P	V
		20625	48.92	-5.08	54	46.45	38.4	17.14	53.07	150	20	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13070	54.26	-33.94	88.2	35.87	39.73	21.36	42.7	-	-	P	H
		19605	58.56	-15.44	74	57.88	37.93	16.19	53.44	150	99	P	H
		19605	48.08	-5.92	54	47.4	37.93	16.19	53.44	150	99	A	H
		26140	49	-39.2	88.2	42.26	39.5	20.18	52.94	150	36	P	H
		26140	36.94	-31.26	68.2	30.2	39.5	20.18	52.94	150	36	A	H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	52.51	-35.69	88.2	34.12	39.73	21.36	42.7	-	-	P	V
6535MHz		19605	59.52	-14.48	74	58.84	37.93	16.19	53.44	150	8	P	V
		19605	48.3	-5.7	54	47.62	37.93	16.19	53.44	150	8	A	V
		26140	51.93	-36.27	88.2	45.19	39.5	20.18	52.94	150	45	P	V
		26140	37.59	-30.61	68.2	30.85	39.5	20.18	52.94	150	45	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13390	58.47	-15.53	74	39.39	40.08	21.9	42.9	163	65	P	H
		13390	50.5	-3.5	54	31.42	40.08	21.9	42.9	163	65	A	H
		20085	54.29	-19.71	74	52.98	37.83	16.66	53.18	150	15	P	H
		20085	41	-13	54	39.69	37.83	16.66	53.18	150	15	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	55.03	-18.97	74	35.95	40.08	21.9	42.9	300	345	P	V
6695MHz		13390	47.42	-6.58	54	28.34	40.08	21.9	42.9	300	345	A	V
		20085	53.11	-20.89	74	51.8	37.83	16.66	53.18	150	40	P	V
		20085	41.05	-12.95	54	39.74	37.83	16.66	53.18	150	40	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13750	53.1	-35.1	88.2	34.39	39.6	22.49	43.38	-	-	P	H
		20625	56.88	-17.12	74	54.41	38.4	17.14	53.07	150	28	P	H
		20625	46.22	-7.78	54	43.75	38.4	17.14	53.07	150	28	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 185		13750	52.96	-35.24	88.2	34.25	39.6	22.49	43.38	-	-	P	V
6875MHz		20625	58.08	-15.92	74	55.61	38.4	17.14	53.07	150	18	P	V
		20625	47.83	-6.17	54	45.36	38.4	17.14	53.07	150	18	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13130	52.4	-35.8	88.2	33.94	39.73	21.47	42.74	-	-	P	H
		19695	55.71	-18.29	74	55.02	37.79	16.28	53.38	150	102	P	H
		19695	45.18	-8.82	54	44.49	37.79	16.28	53.38	150	102	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	51.89	-36.31	88.2	33.43	39.73	21.47	42.74	-	-	P	V
6565MHz		19695	58.39	-15.61	74	57.7	37.79	16.28	53.38	150	7	P	V
		19695	48	-6	54	47.31	37.79	16.28	53.38	150	7	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13370	59.25	-14.75	74	40.24	40.04	21.86	42.89	164	63	P	H
		13370	50.51	-3.49	54	31.5	40.04	21.86	42.89	164	63	A	H
		20055	53.54	-20.46	74	52.24	37.86	16.63	53.19	150	14	P	H
		20055	42.84	-11.16	54	41.54	37.86	16.63	53.19	150	14	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	55.46	-18.54	74	36.45	40.04	21.86	42.89	300	345	P	V
6685MHz		13370	47.39	-6.61	54	28.38	40.04	21.86	42.89	300	345	A	V
		20055	53.7	-20.3	74	52.4	37.86	16.63	53.19	150	40	P	V
		20055	43.61	-10.39	54	42.31	37.86	16.63	53.19	150	40	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13770	53.38	-34.82	88.2	34.71	39.56	22.52	43.41	-	-	P	H
		20655	51.65	-22.35	74	49.09	38.47	17.16	53.07	150	46	P	H
		20655	41.95	-12.05	54	39.39	38.47	17.16	53.07	150	46	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 187		13770	52.8	-35.4	88.2	34.13	39.56	22.52	43.41	-	-	P	V
6885MHz		20655	55.6	-18.4	74	53.04	38.47	17.16	53.07	150	19	P	V
		20655	45.1	-8.9	54	42.54	38.47	17.16	53.07	150	19	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13250	56.45	-17.55	74	37.75	39.85	21.67	42.82	100	66	P	H
		13250	46.64	-7.36	54	27.94	39.85	21.67	42.82	100	66	A	H
		19875	49.65	-24.35	74	48.67	37.8	16.46	53.28	150	47	P	H
		19875	40.47	-13.53	54	39.49	37.8	16.46	53.28	150	47	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	54.51	-19.49	74	35.81	39.85	21.67	42.82	296	344	P	V
6625MHz		13250	44.57	-9.43	54	25.87	39.85	21.67	42.82	296	344	A	V
		19875	51.52	-22.48	74	50.54	37.8	16.46	53.28	150	6	P	V
		19875	43.13	-10.87	54	42.15	37.8	16.46	53.28	150	6	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13410	55.88	-32.32	88.2	36.78	40.09	21.92	42.91	-	-	P	H
		20115	50.44	-23.56	74	49.13	37.81	16.68	53.18	150	31	P	H
		20115	41.09	-12.91	54	39.78	37.81	16.68	53.18	150	31	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	53.55	-34.65	88.2	34.45	40.09	21.92	42.91	-	-	P	V
6705MHz		20115	52.82	-21.18	74	51.51	37.81	16.68	53.18	150	40	P	V
		20115	41.79	-12.21	54	40.48	37.81	16.68	53.18	150	40	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13730	53	-35.2	88.2	34.25	39.64	22.46	43.35	-	-	P	H
		20595	49.32	-24.68	74	46.96	38.33	17.11	53.08	150	28	P	H
		20595	40.4	-13.6	54	38.04	38.33	17.11	53.08	150	28	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 183		13730	52.82	-35.38	88.2	34.07	39.64	22.46	43.35	-	-	P	V
6865MHz		20595	54.22	-19.78	74	51.86	38.33	17.11	53.08	150	19	P	V
		20595	44.1	-9.9	54	41.74	38.33	17.11	53.08	150	19	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13330	55.97	-18.03	74	37.07	39.96	21.8	42.86	100	67	P	H
		13330	47	-7	54	28.1	39.96	21.8	42.86	100	67	A	H
		19995	49	-25	74	47.72	37.9	16.58	53.2	150	57	P	H
		19995	40.36	-13.64	54	39.08	37.9	16.58	53.2	150	57	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 143		13330	54.1	-19.9	74	35.2	39.96	21.8	42.86	300	346	P	V
6665MHz		13330	44.75	-9.25	54	25.85	39.96	21.8	42.86	300	346	A	V
		19995	45.69	-28.31	74	44.41	37.9	16.58	53.2	150	344	P	V
		19995	38.06	-15.94	54	36.78	37.9	16.58	53.2	150	344	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13650	54.66	-33.54	88.2	35.75	39.8	22.33	43.22	-	-	P	H
		20475	49.93	-24.07	74	47.97	38.06	17	53.1	150	45	P	H
		20475	41.69	-12.31	54	39.73	38.06	17	53.1	150	45	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 175		13650	53.17	-35.03	88.2	34.26	39.8	22.33	43.22	-	-	P	V
6825MHz		20475	50.84	-23.16	74	48.88	38.06	17	53.1	150	35	P	V
		20475	40.19	-13.81	54	38.23	38.06	17	53.1	150	35	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 233 7115MHz	*	7115	99.55	-	-	85.96	36.49	15.14	38.04	225	48	P	H
	*	7115	92.22	-	-	78.63	36.49	15.14	38.04	225	48	A	H
		7125.16	71.45	-16.75	88.2	57.8	36.55	15.15	38.05	225	48	P	H
		7125.02	60.39	-7.81	68.2	46.74	36.55	15.15	38.05	225	48	A	H
													H
													H
	*	7115	93.07	-	-	79.48	36.49	15.14	38.04	353	129	P	V
	*	7115	85.84	-	-	72.25	36.49	15.14	38.04	353	129	A	V
		7125.02	64.59	-23.61	88.2	50.94	36.55	15.15	38.05	353	129	P	V
		7125.02	54.11	-14.09	68.2	40.46	36.55	15.15	38.05	353	129	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13790	53.04	-35.16	88.2	34.41	39.52	22.56	43.45	-	-	P	H
		20685	38.16	-35.84	74	35.49	38.54	17.19	53.06	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 189		13790	52.17	-36.03	88.2	33.54	39.52	22.56	43.45	-	-	P	V
6895MHz		20685	38.11	-35.89	74	35.44	38.54	17.19	53.06	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13990	52.63	-35.57	88.2	33.52	39.99	22.89	43.77	-	-	P	H
		20985	37.69	-36.31	74	35	38.23	17.46	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 209		13990	52.67	-35.53	88.2	33.56	39.99	22.89	43.77	-	-	P	V
6995MHz		20985	38.68	-35.32	74	35.99	38.23	17.46	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14230	53.45	-34.75	88.2	34	40.31	22.99	43.85	-	-	P	H
		21345	38.28	-35.72	74	35.58	38.05	17.65	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 233		14230	53.6	-34.6	88.2	34.15	40.31	22.99	43.85	-	-	P	V
7115MHz		21345	37.17	-36.83	74	34.47	38.05	17.65	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7115	102.53	-	-	88.94	36.49	15.14	38.04	236	47	P	H
	*	7115	94.4	-	-	80.81	36.49	15.14	38.04	236	47	A	H
		7125.02	73.6	-14.6	88.2	59.95	36.55	15.15	38.05	236	47	P	H
		7125.16	63.81	-4.39	68.2	50.16	36.55	15.15	38.05	236	47	A	H
802.11ax													H
HE20 Full													H
CH 233	*	7115	98.24	-	-	84.65	36.49	15.14	38.04	379	126	P	V
7115MHz	*	7115	89.07	-	-	75.48	36.49	15.14	38.04	379	126	A	V
		7125.02	69.84	-18.36	88.2	56.19	36.55	15.15	38.05	379	126	P	V
		7125.02	58.93	-9.27	68.2	45.28	36.55	15.15	38.05	379	126	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13790	52.1	-36.1	88.2	33.47	39.52	22.56	43.45	-	-	P	H
		20685	38.03	-35.97	74	35.36	38.54	17.19	53.06	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 189		13790	53.28	-34.92	88.2	34.65	39.52	22.56	43.45	-	-	P	V
6895MHz		20685	38.43	-35.57	74	35.76	38.54	17.19	53.06	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13990	52.54	-35.66	88.2	33.43	39.99	22.89	43.77	-	-	P	H
		20985	37.71	-36.29	74	35.02	38.23	17.46	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 209		13990	52.24	-35.96	88.2	33.13	39.99	22.89	43.77	-	-	P	V
6995MHz		20985	37.6	-36.4	74	34.91	38.23	17.46	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14230	53.33	-34.87	88.2	33.88	40.31	22.99	43.85	-	-	P	H
		21345	37.53	-36.47	74	34.83	38.05	17.65	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 233		14230	53.36	-34.84	88.2	33.91	40.31	22.99	43.85	-	-	P	V
7115MHz		21345	38.36	-35.64	74	35.66	38.05	17.65	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 106 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7115	103.36	-	-	89.77	36.49	15.14	38.04	300	52	P	H
	*	7115	95.87	-	-	82.28	36.49	15.14	38.04	300	52	A	H
		7125.02	75.55	-12.65	88.2	61.9	36.55	15.15	38.05	300	52	P	H
802.11ax		7125.02	64.87	-3.33	68.2	51.22	36.55	15.15	38.05	300	52	A	H
HE20													H
Partial													H
106/54	*	7115	99.29	-	-	85.7	36.49	15.14	38.04	255	250	P	V
CH 233	*	7115	91.52	-	-	77.93	36.49	15.14	38.04	255	250	A	V
7115MHz		7125.3	69.22	-18.98	88.2	55.57	36.55	15.15	38.05	255	250	P	V
		7125.16	58.14	-10.06	68.2	44.49	36.55	15.15	38.05	255	250	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7085	103.5	-	-	90.12	36.31	15.09	38.02	238	46	P	H
	*	7085	95.82	-	-	82.44	36.31	15.09	38.02	238	46	A	H
		7165.26	54.15	-34.05	88.2	40.27	36.76	15.2	38.08	238	46	P	H
		7239.6	42.47	-25.73	68.2	28.32	36.98	15.29	38.12	238	46	A	H
802.11ax													H
HE40 Full													H
CH 227	*	7085	98.87	-	-	85.49	36.31	15.09	38.02	383	127	P	V
7085MHz	*	7085	90.28	-	-	76.9	36.31	15.09	38.02	383	127	A	V
		7153.02	52.24	-35.96	88.2	38.41	36.71	15.19	38.07	383	127	P	V
		7237.8	42.25	-25.95	68.2	28.1	36.98	15.29	38.12	383	127	A	V
													V
													V

Remark	
	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13850	52.4	-35.8	88.2	33.58	39.7	22.66	43.54	-	-	P	H
		20775	38.25	-35.75	74	35.37	38.65	17.27	53.04	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 195		13850	52.93	-35.27	88.2	34.11	39.7	22.66	43.54	-	-	P	V
6925MHz		20775	37.59	-36.41	74	34.71	38.65	17.27	53.04	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14010	52.84	-35.36	88.2	33.7	40.02	22.91	43.79	-	-	P	H
		21015	38.22	-35.78	74	35.56	38.18	17.48	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 211		14010	52.59	-35.61	88.2	33.45	40.02	22.91	43.79	-	-	P	V
7005MHz		21015	38.3	-35.7	74	35.64	38.18	17.48	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14170	53.11	-35.09	88.2	33.63	40.34	22.97	43.83	-	-	P	H
		21255	37.21	-36.79	74	34.7	37.91	17.6	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 227		14170	52.94	-35.26	88.2	33.46	40.34	22.97	43.83	-	-	P	V
7085MHz		21255	37.95	-36.05	74	35.44	37.91	17.6	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

WIFI 802.11ax HE40 Partial 242 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7085	108.96	-	-	95.58	36.31	15.09	38.02	299	53	P	H
	*	7085	100.59	-	-	87.21	36.31	15.09	38.02	299	53	A	H
		7129.8	59.6	-28.6	88.2	45.91	36.58	15.16	38.05	299	53	P	H
802.11ax		7243.92	42.41	-25.79	68.2	28.25	36.99	15.3	38.13	299	53	A	H
HE40													H
Partial													H
242/62	*	7085	103.24	-	-	89.86	36.31	15.09	38.02	258	256	P	V
CH 227	*	7085	95.78	-	-	82.4	36.31	15.09	38.02	258	256	A	V
7085MHz		7128.72	53.47	-34.73	88.2	39.8	36.57	15.15	38.05	258	256	P	V
		7244.46	42.31	-25.89	68.2	28.15	36.99	15.3	38.13	258	256	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7025	102.16	-	-	89.14	36	15.01	37.99	235	46	P	H
	*	7025	93.81	-	-	80.79	36	15.01	37.99	235	46	A	H
		7181.3	52.49	-35.71	88.2	38.53	36.83	15.22	38.09	235	46	P	H
		7243.7	42.39	-25.81	68.2	28.23	36.99	15.3	38.13	235	46	A	H
802.11ax													H
HE80 Full													H
CH 215	*	7025	96.97	-	-	83.95	36	15.01	37.99	352	131	P	V
7025MHz	*	7025	87.71	-	-	74.69	36	15.01	37.99	352	131	A	V
		7222.9	52.7	-35.5	88.2	38.59	36.95	15.27	38.11	352	131	P	V
		7244.74	42.3	-25.9	68.2	28.14	36.99	15.3	38.13	352	131	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13890	54.2	-34	88.2	35.23	39.86	22.72	43.61	-	-	P	H
		20835	38.17	-35.83	74	35.35	38.53	17.32	53.03	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 199		13890	54.09	-34.11	88.2	35.12	39.86	22.72	43.61	-	-	P	V
6945MHz		20835	38.68	-35.32	74	35.86	38.53	17.32	53.03	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14050	53.7	-34.5	88.2	34.48	40.1	22.92	43.8	-	-	P	H
		21075	38.13	-35.87	74	35.51	38.11	17.51	53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 215		14050	53.17	-35.03	88.2	33.95	40.1	22.92	43.8	-	-	P	V
7025MHz		21075	38.53	-35.47	74	35.91	38.11	17.51	53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

WIFI 802.11ax HE80 Partial 484 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7025	106.95	-	-	93.93	36	15.01	37.99	300	53	P	H
	*	7025	99.08	-	-	86.06	36	15.01	37.99	300	53	A	H
		7126.96	54.75	-33.45	88.2	41.09	36.56	15.15	38.05	300	53	P	H
802.11ax		7194.82	42.51	-25.69	68.2	28.48	36.88	15.24	38.09	300	53	A	H
HE80													H
Partial													H
484/66	*	7025	103.01	-	-	89.99	36	15.01	37.99	262	257	P	V
CH 215	*	7025	94.33	-	-	81.31	36	15.01	37.99	262	257	A	V
7025MHz		7239.02	52.56	-35.64	88.2	38.41	36.98	15.29	38.12	262	257	P	V
		7242.4	42.29	-25.91	68.2	28.15	36.98	15.29	38.13	262	257	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	102.43	-	-	89.55	35.87	14.97	37.96	245	47	P	H
	*	6985	93.38	-	-	80.5	35.87	14.97	37.96	245	47	A	H
		7133.16	57.25	-30.95	88.2	43.55	36.6	15.16	38.06	245	47	P	H
		7133.48	45.54	-22.66	68.2	31.84	36.6	15.16	38.06	245	47	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	96.62	-	-	83.74	35.87	14.97	37.96	370	126	P	V
6985MHz	*	6985	87.64	-	-	74.76	35.87	14.97	37.96	370	126	A	V
		7136.36	53.39	-34.81	88.2	39.67	36.62	15.16	38.06	370	126	P	V
		7142.76	43.14	-25.06	68.2	29.37	36.66	15.17	38.06	370	126	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13970	53.56	-34.64	88.2	34.48	39.97	22.85	43.74	-	-	P	H
		20955	38.49	-35.51	74	35.78	38.29	17.43	53.01	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 207		13970	53.81	-34.39	88.2	34.73	39.97	22.85	43.74	-	-	P	V
6985MHz		20955	38.42	-35.58	74	35.71	38.29	17.43	53.01	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 8 - 6875~7125MHz

WIFI 802.11ax HE160 Partial 996 (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.	
7+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	106.47	-	-	93.59	35.87	14.97	37.96	310	53	P	H
	*	6985	97.96	-	-	85.08	35.87	14.97	37.96	310	53	A	H
		7131.88	67.26	-20.94	88.2	53.56	36.59	15.16	38.05	310	53	P	H
802.11ax		7133.8	57.66	-10.54	68.2	43.96	36.6	15.16	38.06	310	53	A	H
HE160													H
Partial													H
996/68	*	6985	101.92	-	-	89.04	35.87	14.97	37.96	264	257	P	V
CH 207	*	6985	92.98	-	-	80.1	35.87	14.97	37.96	264	257	A	V
6985MHz		7137	63.96	-24.24	88.2	50.24	36.62	15.16	38.06	264	257	P	V
		7127.08	54.72	-13.48	68.2	41.06	36.56	15.15	38.05	264	257	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.