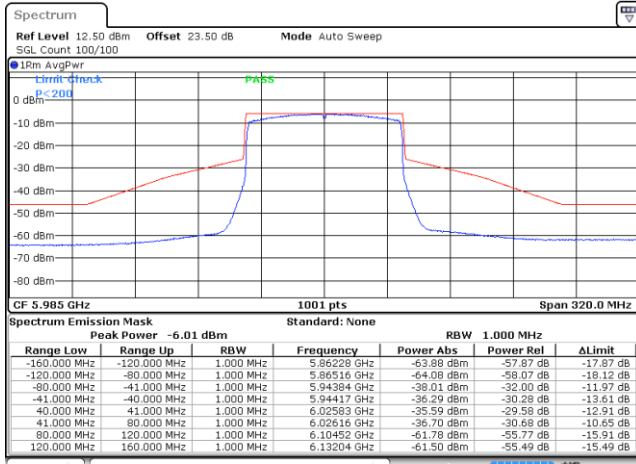




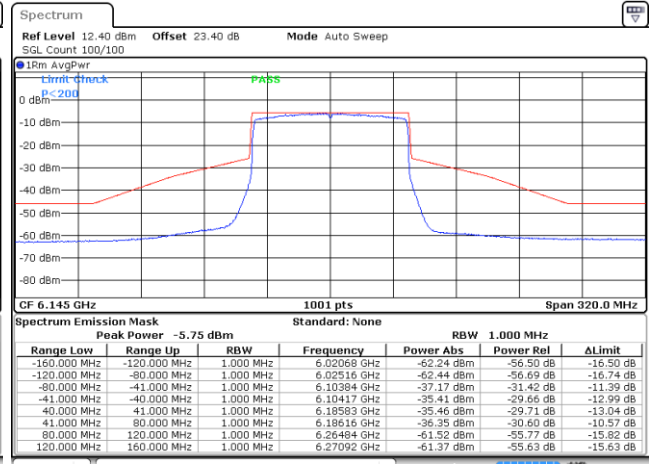
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



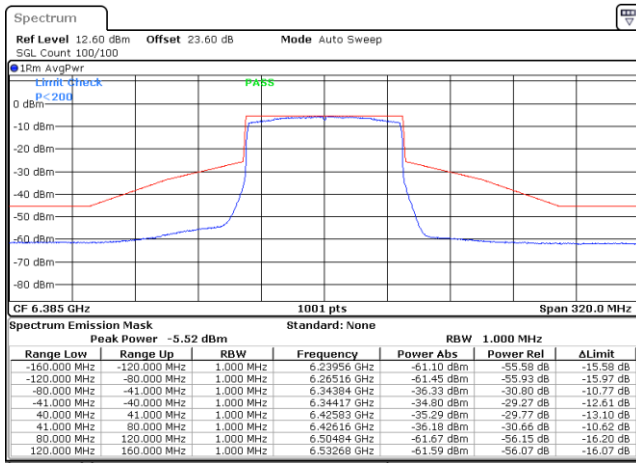
Date: 1.OCT.2021 01:05:34

Plot on Channel 6145MHz



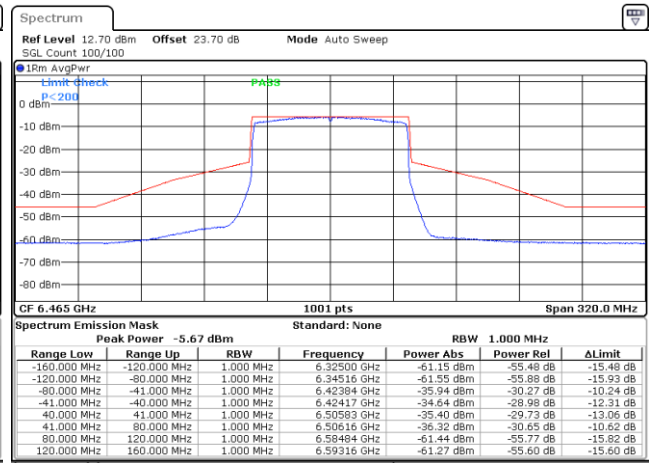
Date: 1.OCT.2021 01:18:57

Plot on Channel 6385MHz



Date: 1.OCT.2021 01:35:32

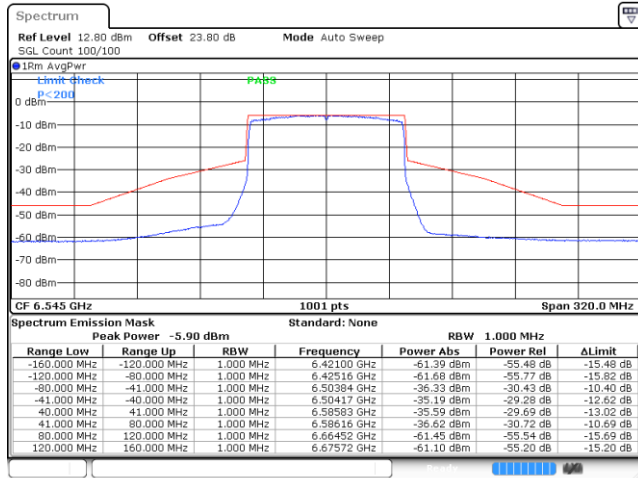
Plot on Channel 6465MHz



Date: 1.OCT.2021 01:48:58

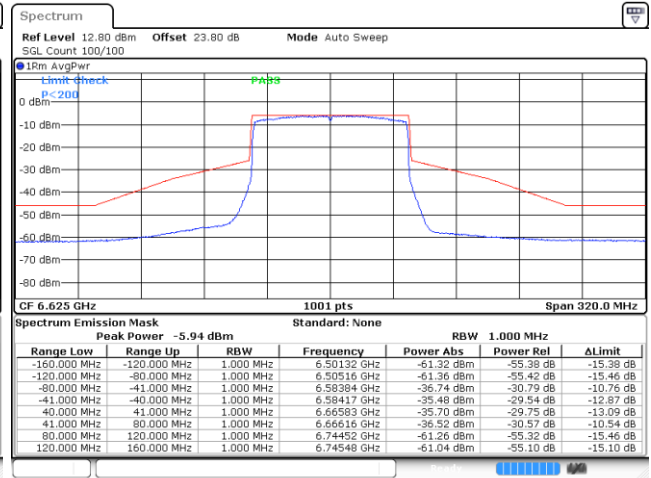


Plot on Channel 6545MHz



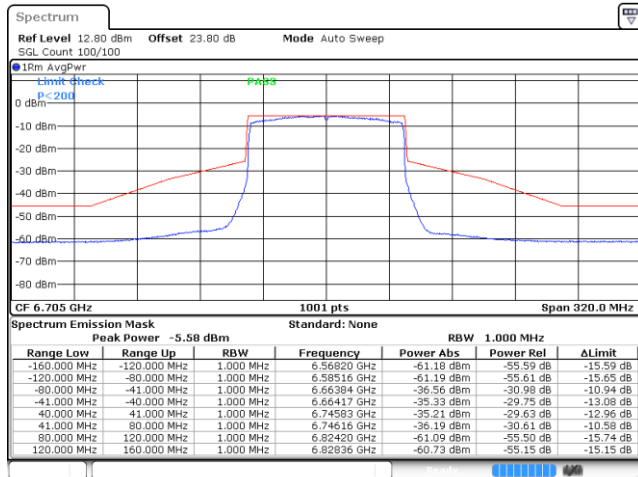
Date: 1.OCT.2021 02:06:31

Plot on Channel 6625MHz



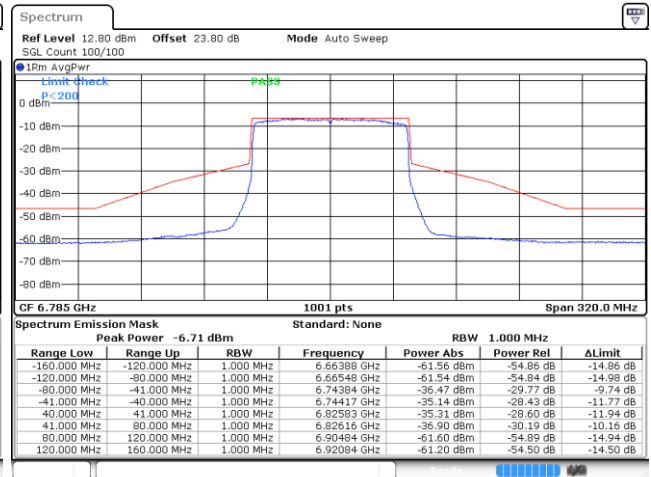
Date: 1.OCT.2021 02:17:47

Plot on Channel 6705MHz



Date: 1.OCT.2021 18:52:48

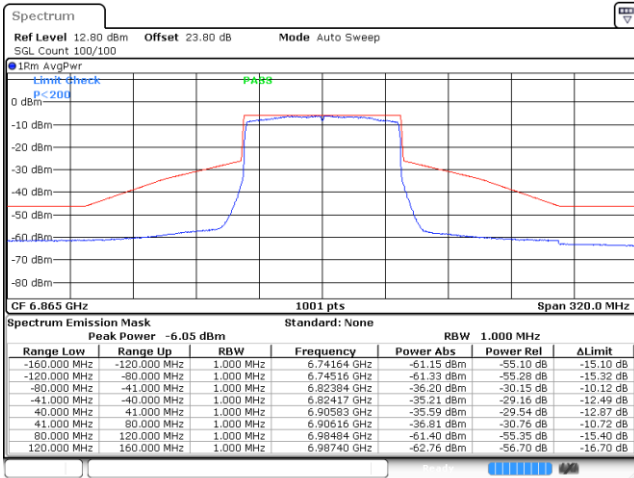
Plot on Channel 6785MHz



Date: 1.OCT.2021 19:08:00

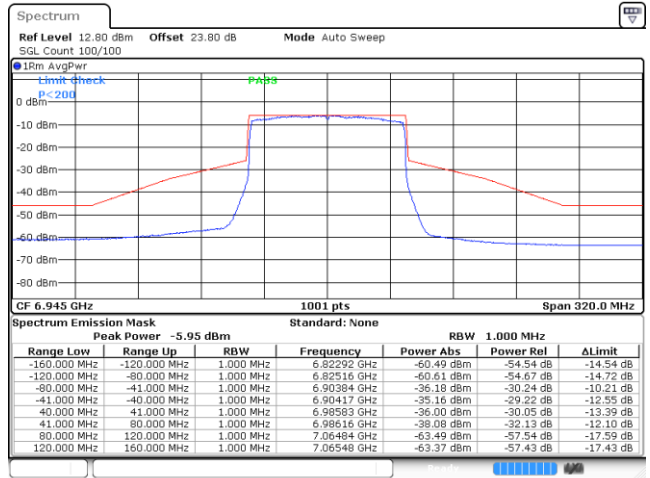


Plot on Channel 6865MHz



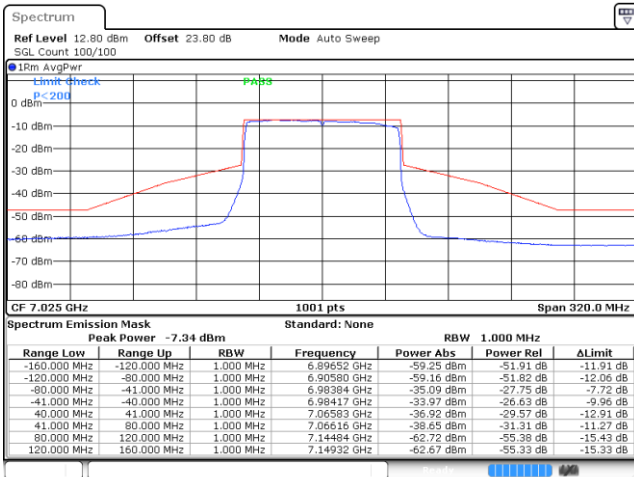
Date: 1.OCT.2021 19:23:40

Plot on Channel 6945MHz



Date: 1.OCT.2021 19:40:45

Plot on Channel 7025MHz

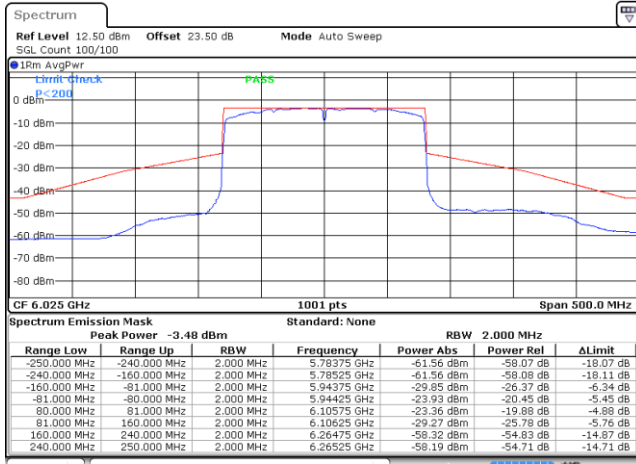


Date: 1.OCT.2021 19:58:16



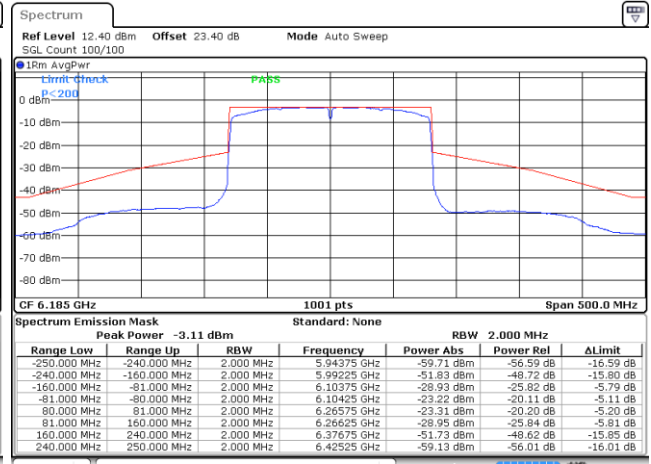
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



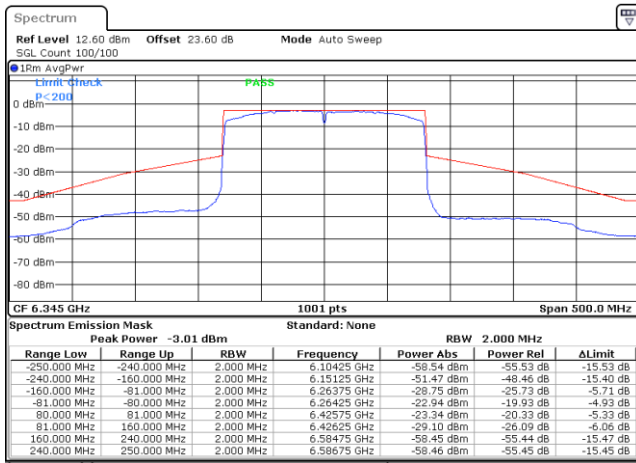
Date: 1.OCT.2021 20:19:58

Plot on Channel 6185MHz



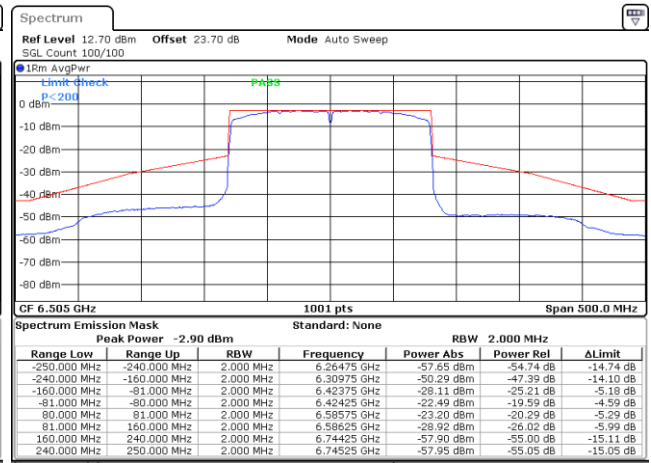
Date: 1.OCT.2021 20:38:21

Plot on Channel 6345MHz



Date: 1.OCT.2021 20:51:52

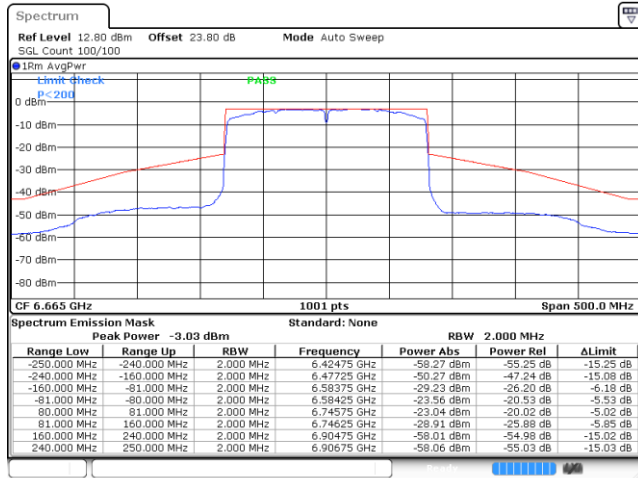
Plot on Channel 6505MHz



Date: 1.OCT.2021 21:04:03

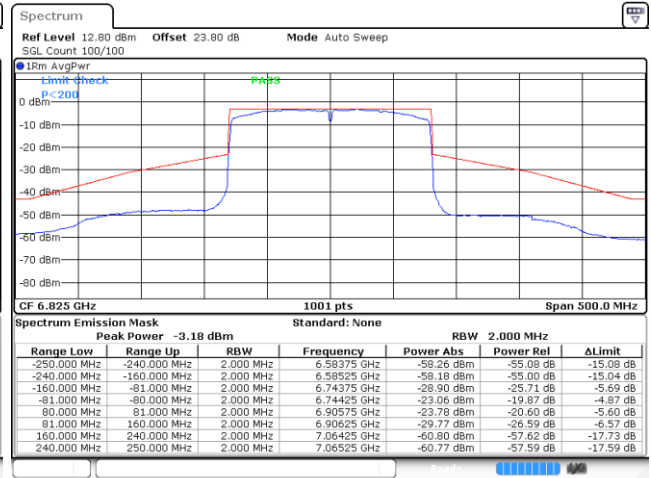


Plot on Channel 6665MHz



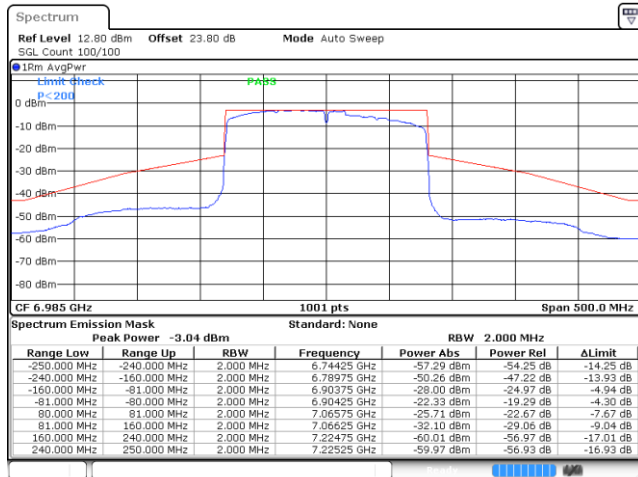
Date: 1.OCT.2021 22:43:09

Plot on Channel 6825MHz



Date: 1.OCT.2021 23:03:14

Plot on Channel 6985MHz



Date: 1.OCT.2021 23:20:07



3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

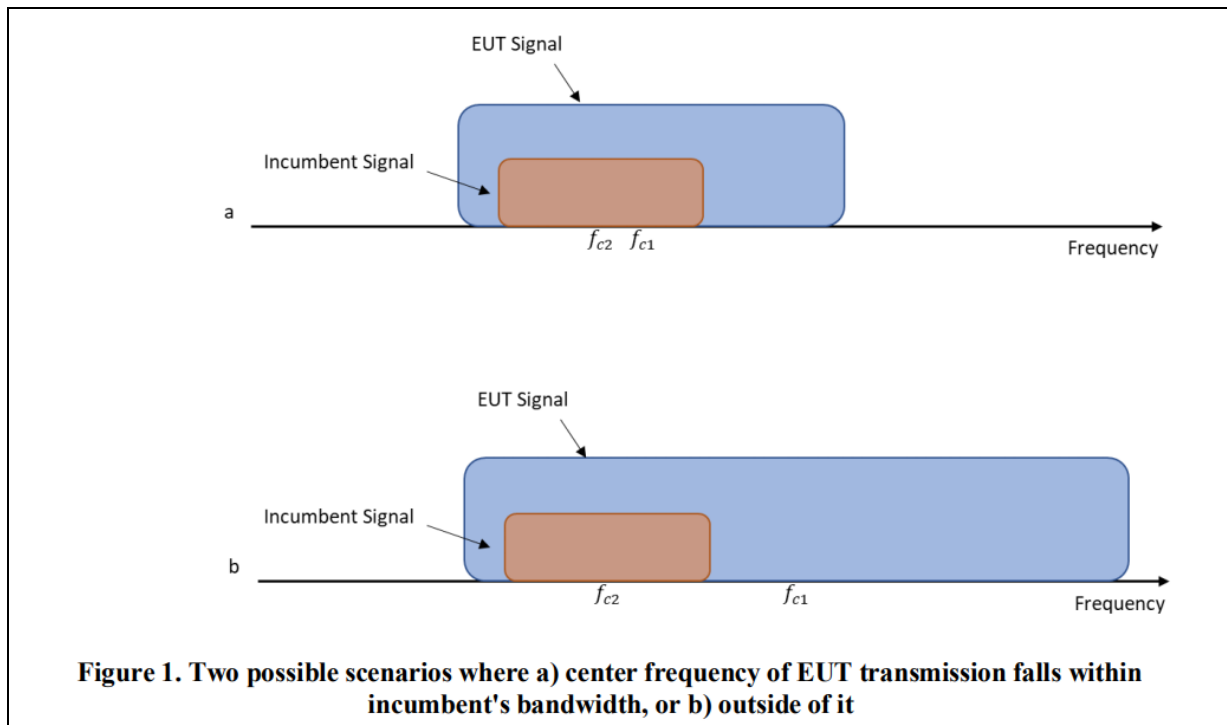
where:

BW_{EUT} : Transmission bandwidth of EUT signal

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

f_{c1} : Center frequency of EUT transmission

f_{c2} : Center frequency of simulated incumbent signal



3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

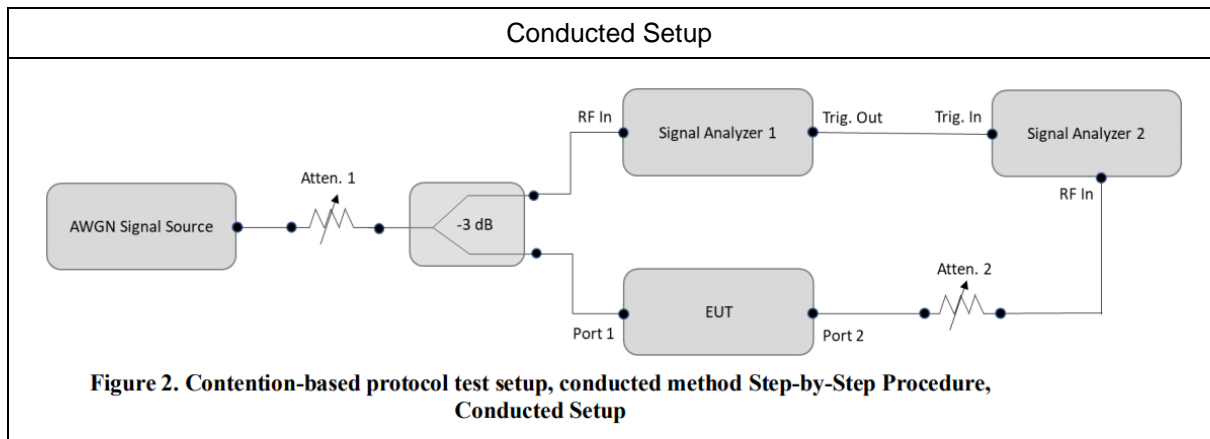
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

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

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

3.5.4 Test Setup



3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
WLAN AP (Client)	MSI	MS-17F3	Wifi
Notebook	HP	Pavilion 15t-cu000	LAN



3.5.6 Test Summary of Contention Based Protocol Test

Test Engineer :	Andy Kao	Temperature :	20.5~22.5°C
		Relative Humidity :	40.5~43.5%

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Incumbent signal level (dBm)	Detection Rate (%)	Regulated Threshold Level (dBm)	Compensated Threshold Level (dBm)	Margin (dB)	Test result
UNII Band 5	6135	20	6135	-65.17	100	-62	-58.3	6.87	Stop Transmission
				-66.17	< 90	-62	-58.3	7.87	Didn't Stop Transmission
	6185	160	6110	-62.43	100	-62	-58.3	4.13	Stop Transmission
				-63.43	< 90	-62	-58.3	5.13	Didn't Stop Transmission
			6185	-62.18	100	-62	-58.3	3.88	Stop Transmission
				-63.18	< 90	-62	-58.3	4.88	Didn't Stop Transmission
			6260	-63.87	100	-62	-58.3	5.57	Stop Transmission
				-64.87	< 90	-62	-58.3	6.57	Didn't Stop Transmission
UNII Band 6	6455	20	6455	-64.85	100	-62	-58.3	6.55	Stop Transmission
				-65.85	< 90	-62	-58.3	7.55	Didn't Stop Transmission
	6505	160	6430	-61.94	100	-62	-58.3	3.64	Stop Transmission
				-62.94	< 90	-62	-58.3	4.64	Didn't Stop Transmission
			6505	-60.33	100	-62	-58.3	2.03	Stop Transmission
				-61.33	< 90	-62	-58.3	3.03	Didn't Stop Transmission
			6580	-62.06	100	-62	-58.3	3.76	Stop Transmission
				-63.06	< 90	-62	-58.3	4.76	Didn't Stop Transmission



Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Incumbent signal level (dBm)	Detection Rate (%)	Regulated Threshold Level (dBm)	Compensated Threshold Level (dBm)	Margin (dB)	Test result	
UNII Band 7	6695	20	6695	-64.23	100	-62	-58.3	5.93	Stop Transmission	
				-65.23	< 90	-62	-58.3	6.93	Didn't Stop Transmission	
	6665	160	6590	-60.39	100	-62	-58.3	2.09	Stop Transmission	
				-61.39	< 90	-62	-58.3	3.09	Didn't Stop Transmission	
			6665	-58.86	100	-62	-58.3	0.56	Stop Transmission	
				-59.86	< 90	-62	-58.3	1.56	Didn't Stop Transmission	
			6740	-62.14	100	-62	-58.3	3.84	Stop Transmission	
				-63.14	< 90	-62	-58.3	4.84	Didn't Stop Transmission	
	UNII Band 8	7015	20	7015	-64.37	100	-62	-58.3	6.07	Stop Transmission
					-65.37	< 90	-62	-58.3	7.07	Didn't Stop Transmission
6985		160	6910	-61.41	100	-62	-58.3	3.11	Stop Transmission	
				-62.41	< 90	-62	-58.3	4.11	Didn't Stop Transmission	
			6985	-60.93	100	-62	-58.3	2.63	Stop Transmission	
				-61.93	< 90	-62	-58.3	3.63	Didn't Stop Transmission	
			7060	-62.72	100	-62	-58.3	4.42	Stop Transmission	
				-63.72	< 90	-62	-58.3	5.42	Didn't Stop Transmission	

Note:

The FCC requirement of the detection limit is -62 dBm which associates, and for this application the detection threshold is modified according to the minimum antenna gain across U-NII-5 to U-NII-8.

Compensated Threshold Level (TL) = -62dBm + minimum antenna gain

Minimum antenna gain = 3.7 dBi

Compensated Threshold Level (TL) = -62 + 3.7 = -58.3 dBm

Margin = Compensated Threshold Level (TL) - Incumbent signal level



3.5.7 Test Plots of Contention Based Protocol Test

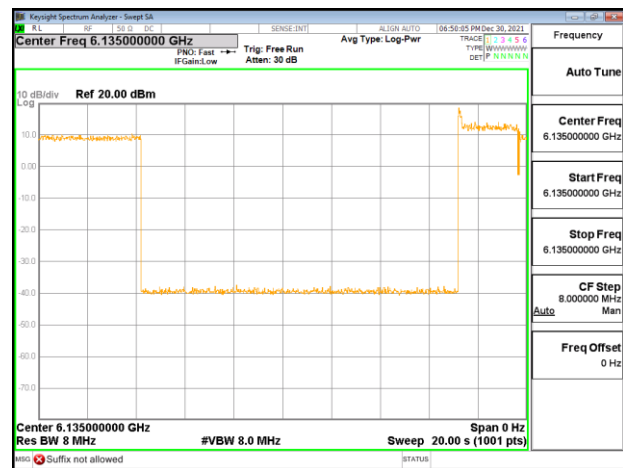
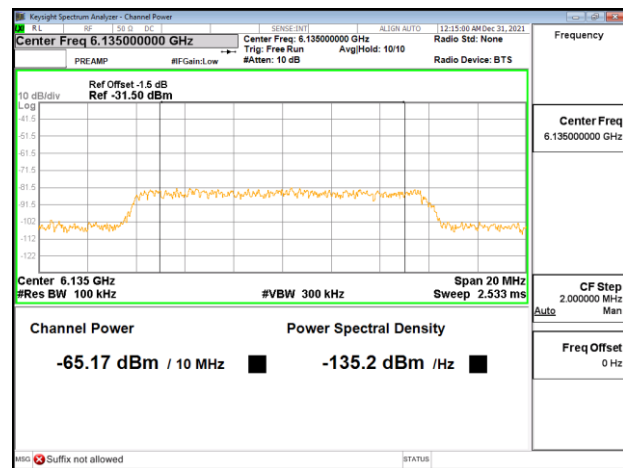
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

802.11ax (HE20) / 6135MHz

Threshold Level (TL) = -65.17dBm/MHz

802.11ax (HE20) / CH37

Test result is pass due to no transmission occur.

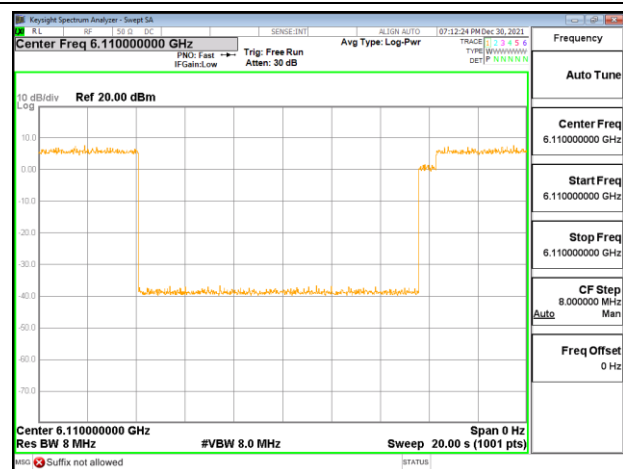
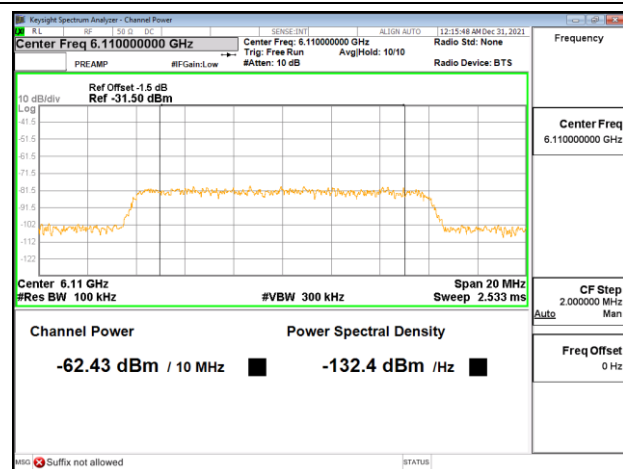


802.11ax (HE160) / 6110MHz (Lower edge)

Threshold Level (TL) = -62.43dBm/MHz

802.11ax (HE160) / CH47 (Lower edge)

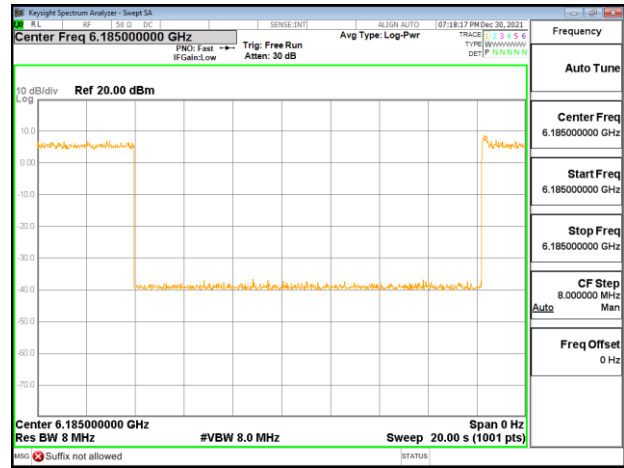
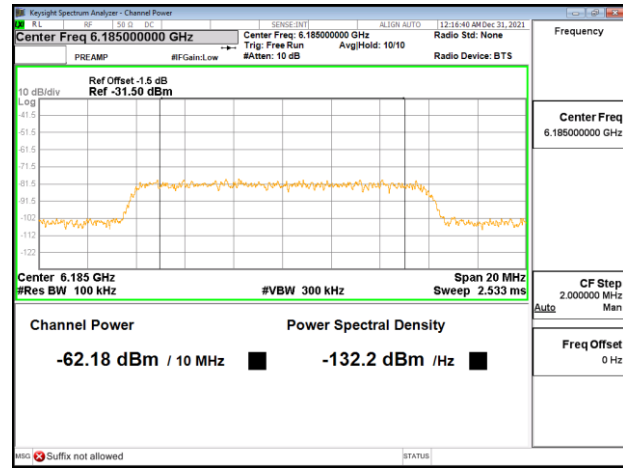
Test result is pass due to no transmission occur.





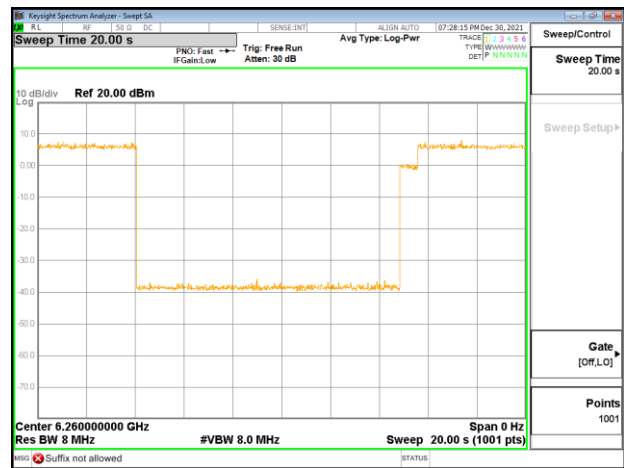
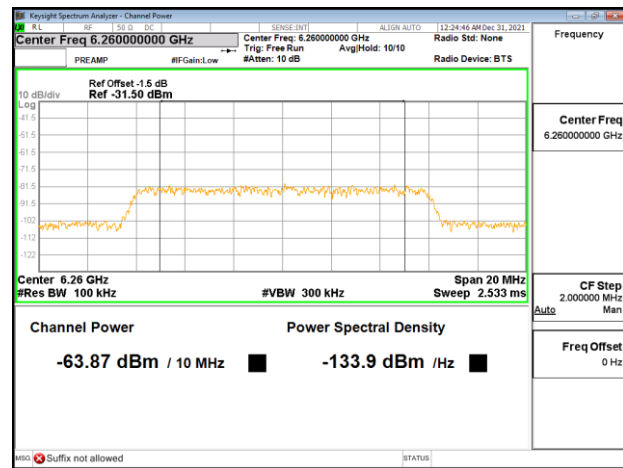
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -62.18dBm/MHz

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



802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -63.87dBm/MHz

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

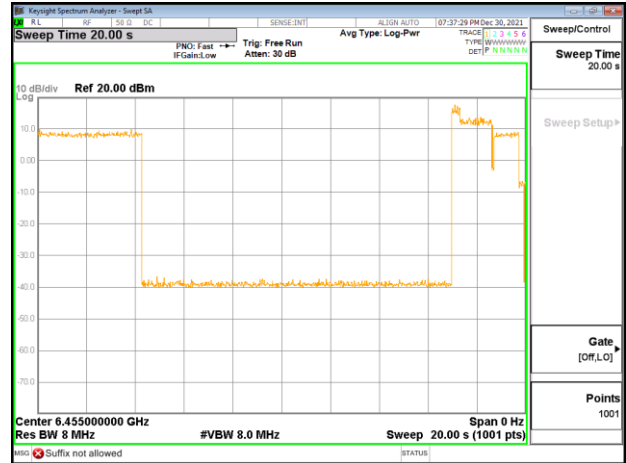
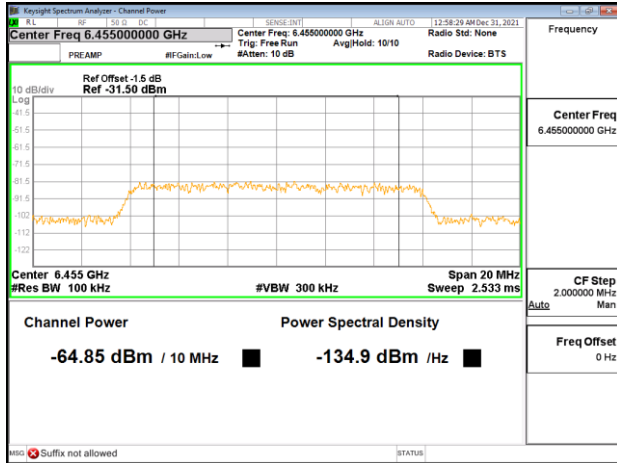




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

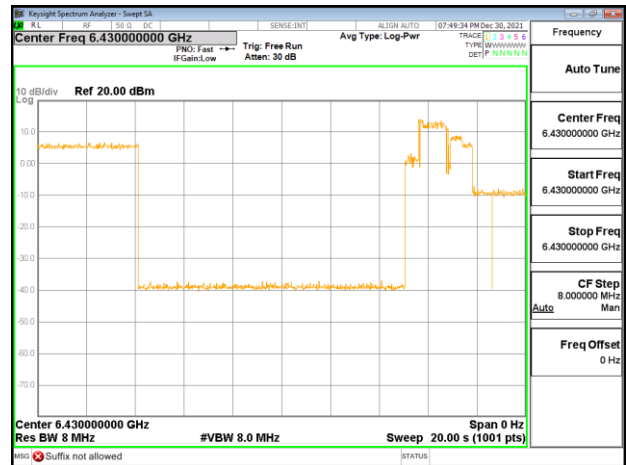
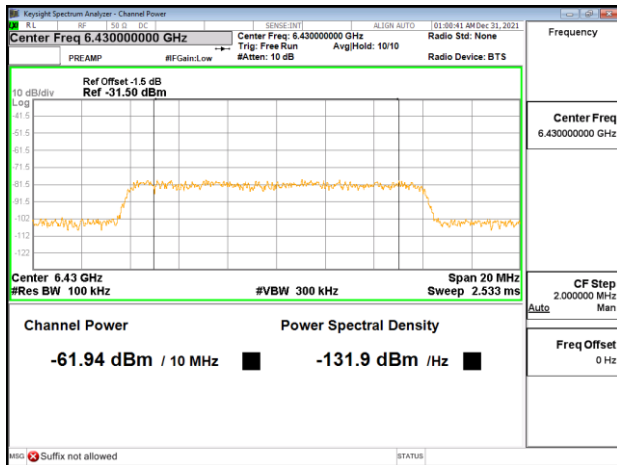
802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -64.85dBm/MHz

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



802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -61.94dBm/MHz

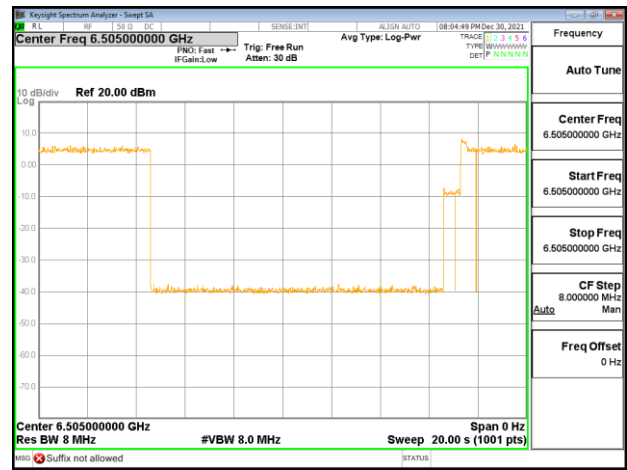
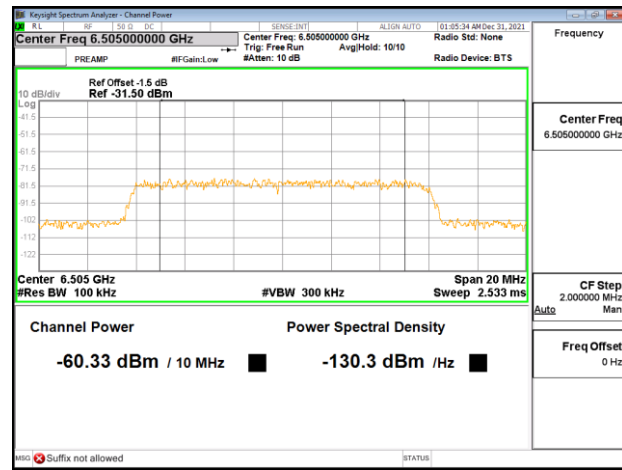
802.11ax (HE160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.





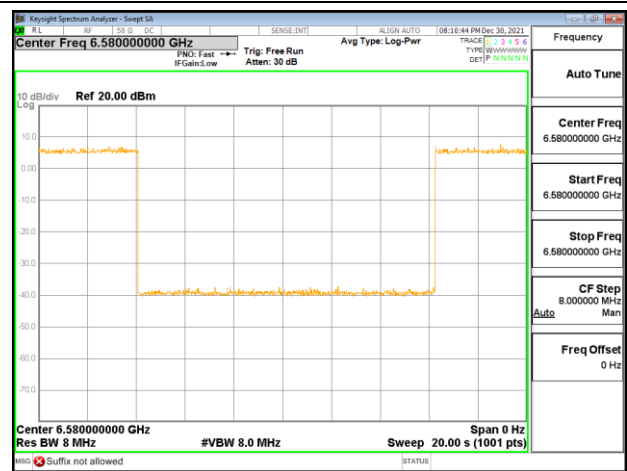
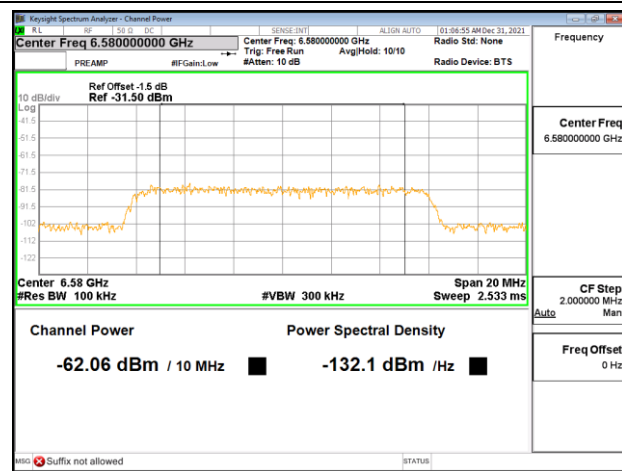
802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -60.33dBm/MHz

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



802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -62.06dBm/MHz

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

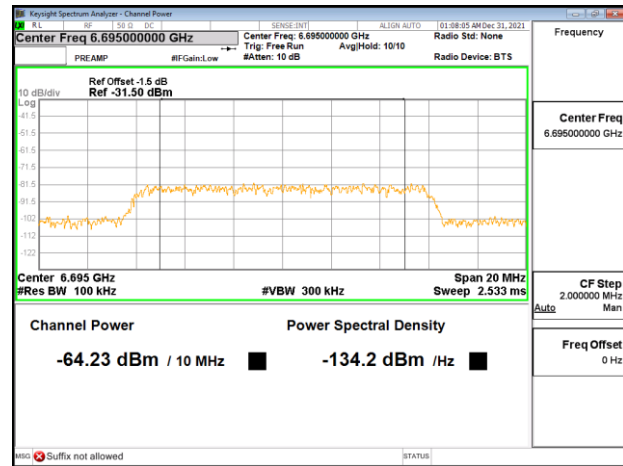




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

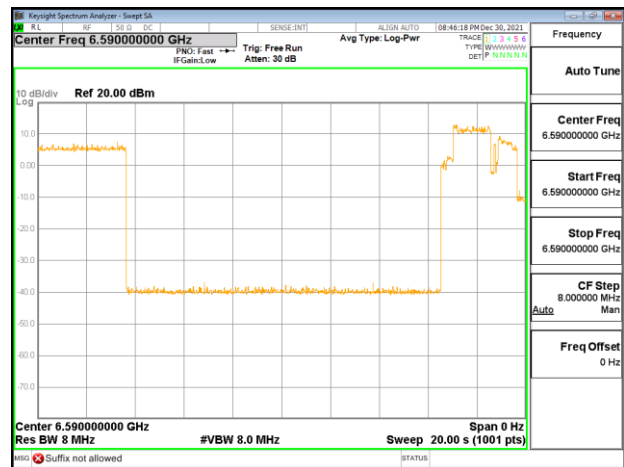
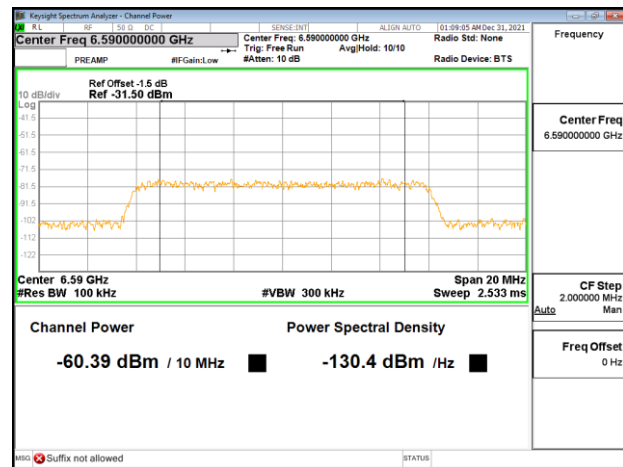
802.11ax (HE20) / 6695MHz
Threshold Level (TL) = -64.23dBm/MHz

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



802.11ax (HE160) / 6590MHz (Lower edge)
Threshold Level (TL) = -60.39dBm/MHz

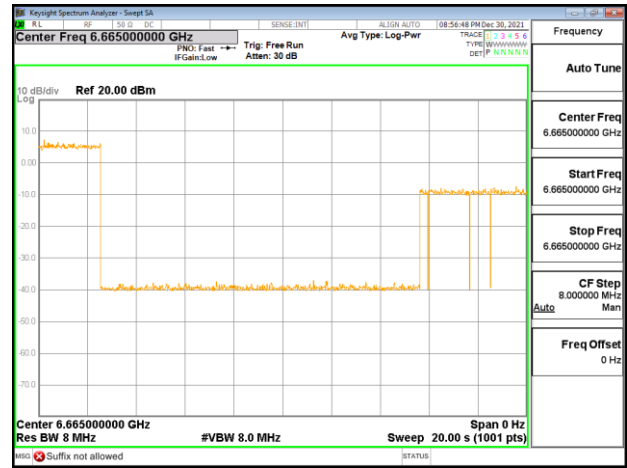
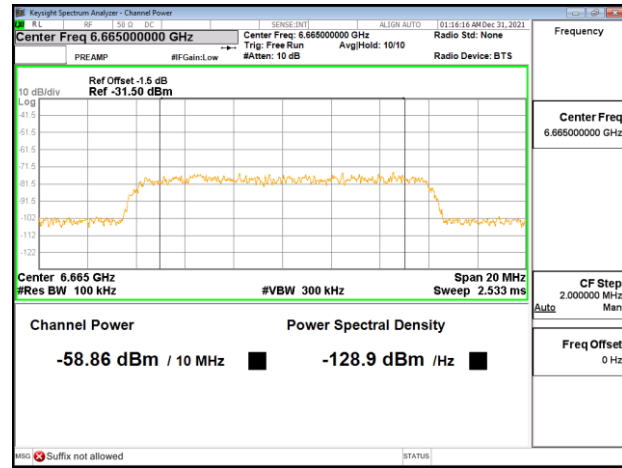
802.11ax (HE160) / CH143 (Lower edge)
Test result is pass due to no transmission occur.





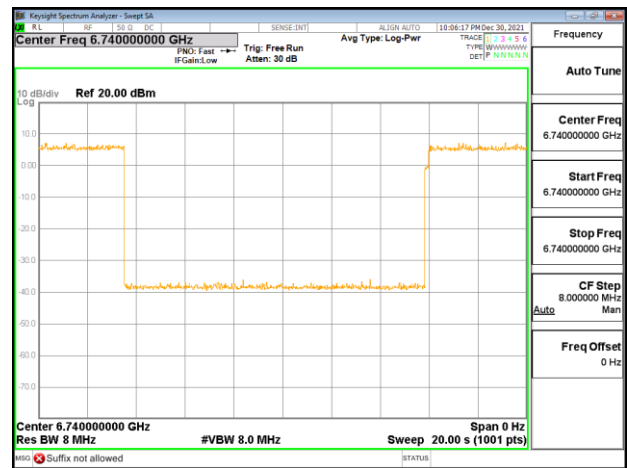
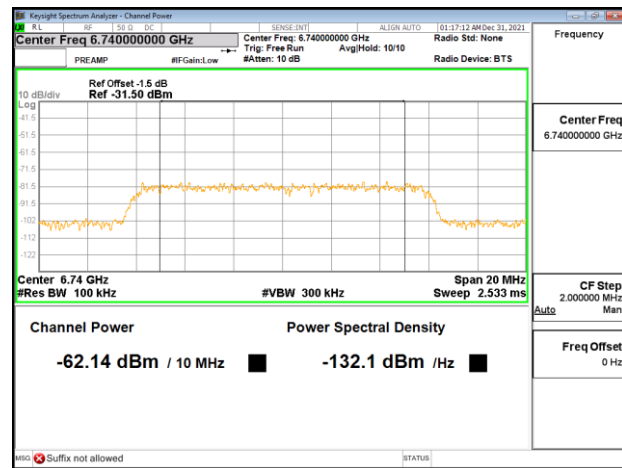
802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -58.86dBm/MHz

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



802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -62.14dBm/MHz

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

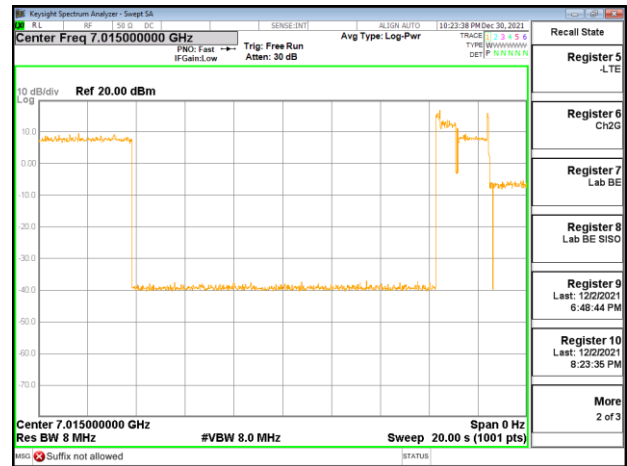
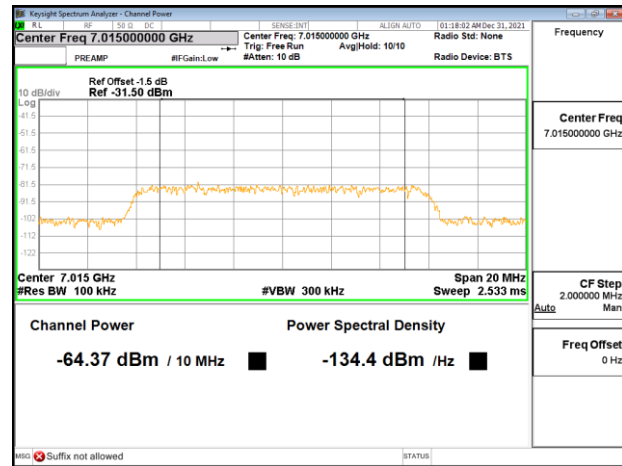




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

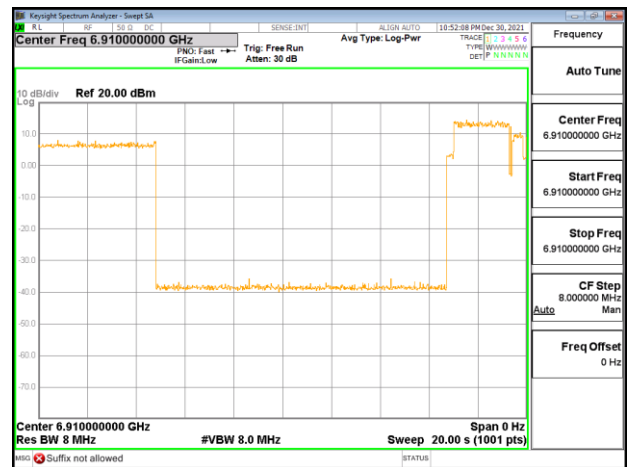
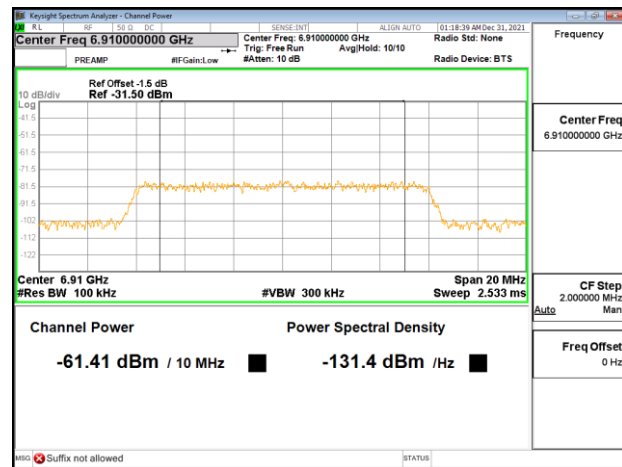
802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -64.37dBm/MHz

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



802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -61.41dBm/MHz

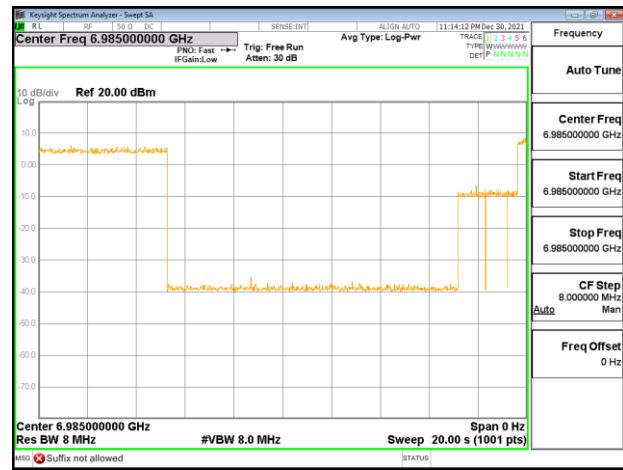
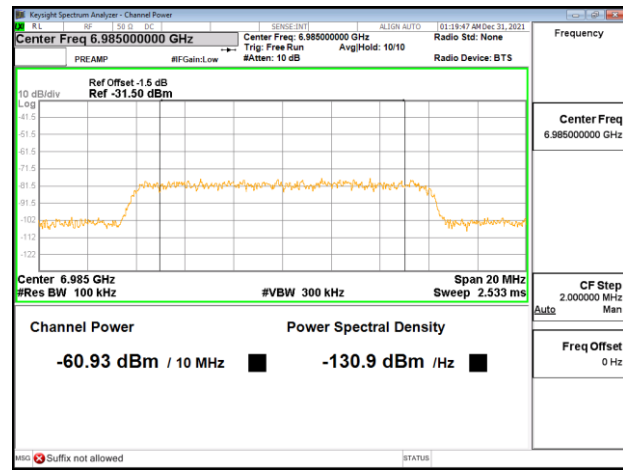
802.11ax (HE160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.





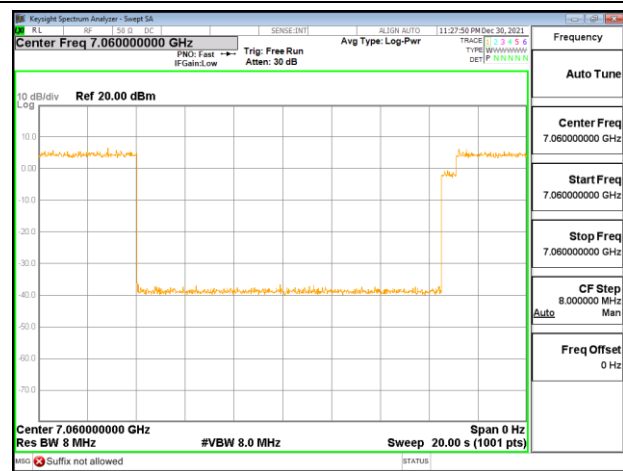
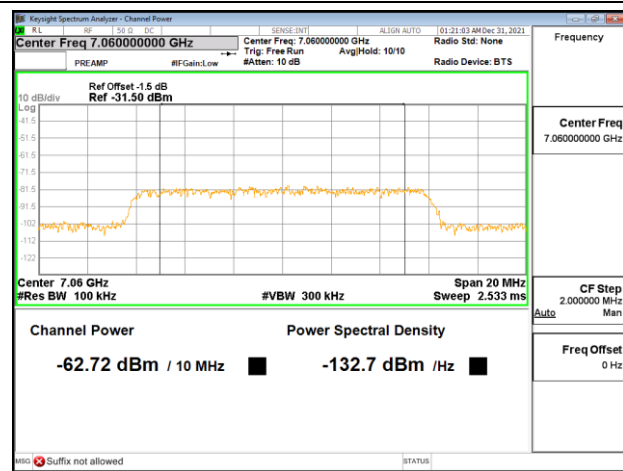
802.11ax (HE160) / 6985MHz (Middle)
Threshold Level (TL) = -60.93dBm/MHz

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



802.11ax (HE160) / 7060MHz (Upper edge)
Threshold Level (TL) = -62.72dBm/MHz

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



3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

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

3.6.2 Measuring Instruments

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



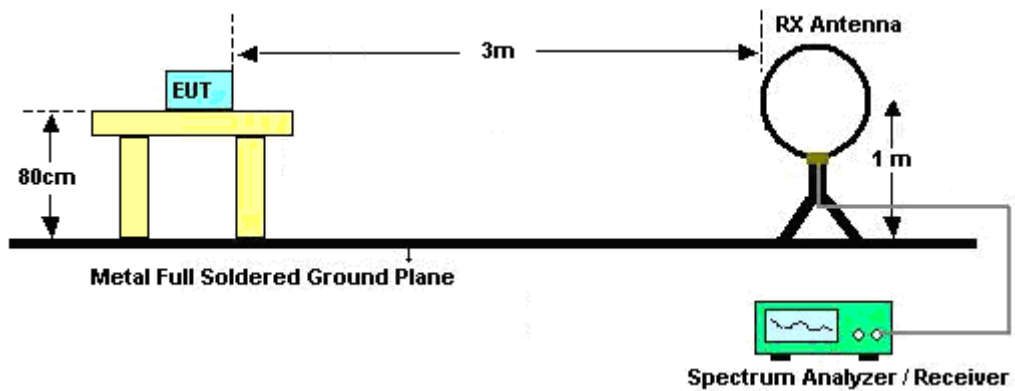
3.6.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW \geq 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".

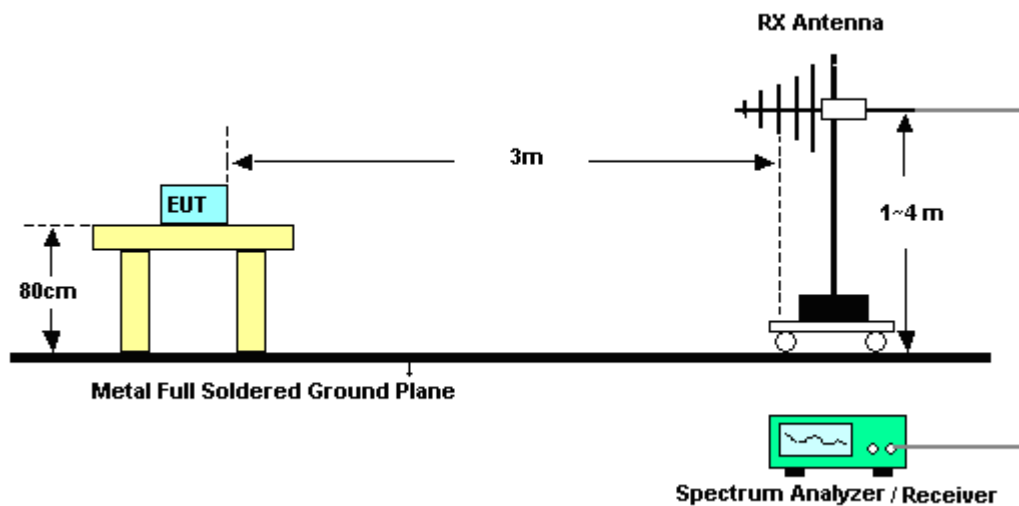
- Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“..

3.6.4 Test Setup

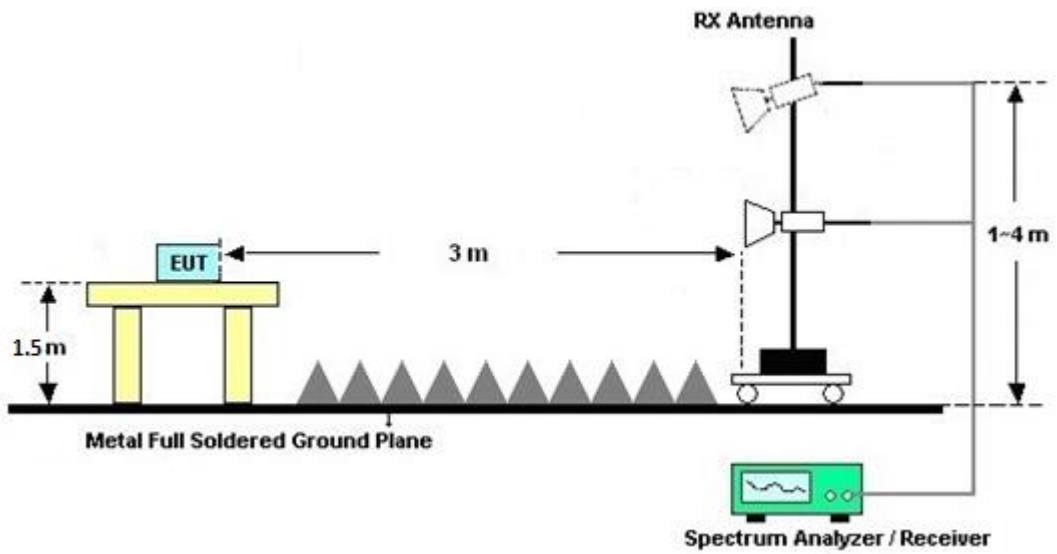
For radiated emissions below 30MHz



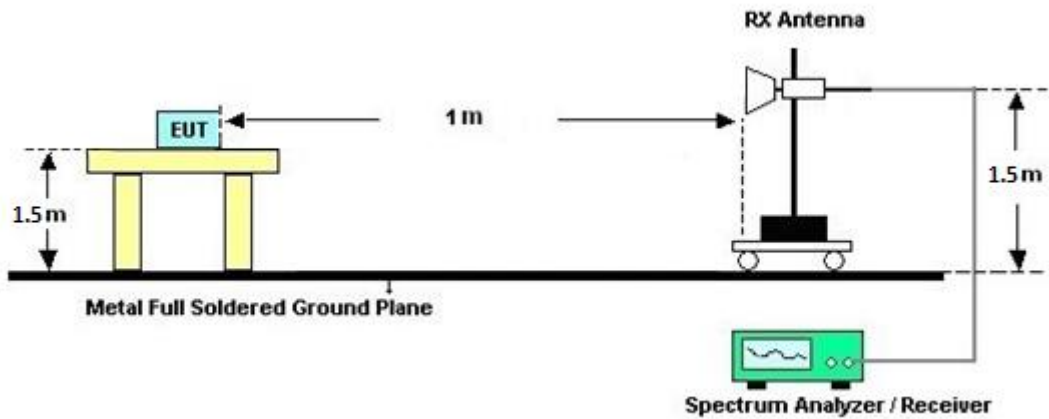
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





3.6.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.8 Antenna Requirements

3.8.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.2 Antenna Gain

The device is the special case of a MIMO system with four outputs driving a cross-polarized pair of linearly polarized antennas (noted as “vertical” and “horizontal”).

Refer to KDB 662911 D01 v02r01 F)2)c) for a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.

The total gain—including array gain—is computed separately for each of the two polarizations using the procedures presented in KDB 662911 D01 v02r01. The highest of the total gains shall apply. Horizontal and Vertical antennas are cross-polarization antenna and the transmitter outputs is a 90-degree phase-shifted replica of the other and the phase centers of the two antennas orientations are co-located.

For power measurements on IEEE 802.11 devices,

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation follows F)2)f)i) of KDB 662911 D01

Directional gain = $G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})$ dBi, where N_{SS} = the number of independent spatial streams of data and $G_{ANT\ MAX}$ is the gain of the antenna having the highest gain (in dBi).

The directional gain of EUT is listed in the following table.

6GHz CDD mode	Ant E Vertical polarization (dBi)	Ant H Vertical polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)
UNII-5	3.70	3.70	3.70	6.71
UNII-6	3.70	3.70	3.70	6.71
UNII-7	3.70	3.70	3.70	6.71
UNII-8	3.70	3.70	3.70	6.71
6GHz CDD mode	Ant F Horizontal polarization (dBi)	Ant G Horizontal polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)
UNII-5	3.80	3.80	3.80	6.81
UNII-6	3.80	3.80	3.80	6.81
UNII-7	3.80	3.80	3.80	6.81
UNII-8	3.80	3.80	3.80	6.81

Calculation:

Directional gain of power measurement(Horizontal polarization):

$$= \text{max. antenna gain (3.8dBi, 3.8dBi)} + 0 = 3.8 \text{ dBi}$$

Directional gain of power measurement(Vertical polarization):

$$= \text{max. antenna gain (3.7dBi, 3.7dBi)} + 0 = 3.7 \text{ dBi}$$

Directional gain of PSD measurement (Horizontal polarization):

$$= \text{max. antenna gain (3.8dBi, 3.8dBi)} + 10 \cdot \log(2/1) = 6.81 \text{ dBi}$$

Directional gain of PSD measurement (Vertical polarization):

$$= \text{max. antenna gain (3.7dBi, 3.7dBi)} + 10 \cdot \log(2/1) = 6.71 \text{ dBi}$$



FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power and PSD measurement, the directional gain calculation follows F)2)e)ii) of KDB 662911 D01 Directional gain = G_{ANT MAX} + 10 log(N_{ANT}/N_{SS}) dBi, where N_{SS} = the number of independent spatial streams of data and G_{ANT MAX} is the gain of the antenna having the highest gain (in dBi).

6GHz TXBF mode	Ant E Vertical polarization (dBi)	Ant H Vertical polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)
UNII-5	3.70	3.70	6.71	6.71
UNII-6	3.70	3.70	6.71	6.71
UNII-7	3.70	3.70	6.71	6.71
UNII-8	3.70	3.70	6.71	6.71
6GHz TXBF mode	Ant F Horizontal polarization (dBi)	Ant G Horizontal polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)
UNII-5	3.80	3.80	6.81	6.81
UNII-6	3.80	3.80	6.81	6.81
UNII-7	3.80	3.80	6.81	6.81
UNII-8	3.80	3.80	6.81	6.81

Calculation:

Directional gain of power and PSD measurement (Horizontal polarization):

= max. antenna gain (3.8dBi, 3.8dBi)+10*log(2/1) = 6.81dBi

Directional gain of power and PSD measurement (Vertical polarization):

= max. antenna gain (3.7dBi, 3.7dBi)+10*log(2/1) = 6.71dBi



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jun. 20, 2022	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Aug. 10, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 09, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	02113	1GHz~18GHz	Jul. 08, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 07, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 19, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 08, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	1GHz~18GHz	Mar. 30, 2021	Aug. 15, 2021~ Nov. 05, 2021	Mar. 29, 2022	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55004	1GHz~18GHz	Jul. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	60725	18GHz~40GHz	Jul. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 05, 2021	Aug. 15, 2021~ Nov. 05, 2021	Mar. 04, 2022	Radiation (03CH02-CA)
Filter	Warison	WFIL-H8000-2 5000F-01	WR32BNW2B 1	8 GHz High Pass Filter	Jul. 14, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 13, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN10	3 GHz High Pass Filter	Jul. 23, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1 272-11000-40 SS	SN1	1.2G Low Pass	Jul. 23, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jun. 22, 2022	Jan. 13, 2023~ Feb. 07, 2023	Jun. 21, 2023	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 11, 2022	Jan. 13, 2023~ Feb. 07, 2023	May 10, 2023	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	8024032/2, 802406/2, 802875/2	N/A	Jun. 22, 2022	Jan. 13, 2023~ Feb. 07, 2023	Jun. 21, 2023	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Sep.12, 2022	Jan. 13, 2023~ Feb. 07, 2023	Sep. 11, 2023	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Jan. 13, 2023~ Feb. 07, 2023	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 13, 2023~ Feb. 07, 2023	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 13, 2023~ Feb. 07, 2023	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Jan. 13, 2023~ Feb. 07, 2023	N/A	Radiation (03CH02-CA)
Hygrometer	Testo	608-H1	45142595	N/A	Sep. 03, 2021	Sep. 10, 2021~ Nov. 30, 2021	Sep. 02, 2022	Conducted (TH01-CA)
USB Power Meter	EM Electronics Corporation	RPR3006W #010	RPR6W-2101003	10MHz-8GHz	Apr. 15, 2021	Sep. 10, 2021~ Nov. 30, 2021	Apr. 14, 2022	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Dec. 30, 2020	Sep. 10, 2021~ Nov. 30, 2021	Dec. 29, 2021	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 02, 2021	Sep. 10, 2021~ Nov. 30, 2021	Jun. 01, 2022	Conducted (TH01-CA)
Hygrometer	Testo	608-H1	45141354	N/A	Jul. 27, 2022	Dec. 01, 2022~ Dec. 14, 2022	Jul. 26, 2023	Conducted (TH01-CA)
USB Power Meter	EM Electronics Corporation	RPR3006W #010	RPR6W-2101003	10MHz-8GHz	May 04, 2022	Dec. 01, 2022~ Dec. 14, 2022	May 03, 2023	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Mar. 30, 2022	Dec. 01, 2022~ Dec. 04, 2022	Mar. 29, 2023	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Dec. 05, 2022	Dec. 05, 2022~ Dec. 14, 2022	Dec. 04, 2023	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 01, 2022	Dec. 01, 2022~ Dec. 14, 2022	May 31, 2023	Conducted (TH01-CA)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LISN	TESEQ	NNB51	47407	N/A	Jul. 21, 2021	Dec. 17, 2021	Jul. 20, 2022	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 02, 2021	Dec. 17, 2021	Jun. 01, 2022	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jul. 07, 2021	Dec. 17, 2021	Jul. 06, 2022	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Dec. 17, 2021	N/A	Conduction (CO01-CA)
RF Vector Generator	Keysight	N5182B	MY57300963	9kHz~6GHz	Mar. 01, 2021	Oct. 22, 2021~Jan. 04, 2022	Feb. 28, 2022	CBP (DFS01-CA)
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59360230	9kHz~7.2GHz	May 16, 2021	Oct. 22, 2021~Jan. 04, 2022	May 15, 2022	CBP (DFS01-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz-44GHz	Mar. 05, 2021	Oct. 22, 2021~Jan. 04, 2022	Mar. 04, 2022	CBP (DFS01-CA)
2 Way Divider	Woken	0120A0205800 1M	DDTB6SW5A 4	0.5GHz-8GHz	Calibration from System	Oct. 22, 2021~Jan. 04, 2022	Calibration from System	CBP (DFS01-CA)
4 Way Divider	Woken	0120A0405800 1M	DDTB6SW3G 2	0.5 GHz -8GHz	Calibration from System	Oct. 22, 2021~Jan. 04, 2022	Calibration from System	CBP (DFS01-CA)
4 Way Divider	Woken	0120A0405800 1M	DDTB6SW3A 7	0.5 GHz -8GHz	Calibration from System	Oct. 22, 2021~Jan. 04, 2022	Calibration from System	CBP (DFS01-CA)
Manual Step Attenuator	Keysight	8496B	MY42151805	DC-18GHz	Calibration from System	Oct. 22, 2021~Jan. 04, 2022	Calibration from System	CBP (DFS01-CA)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.0 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Liliana Gonzalez and Andy Kao	Temperature:	17.1~22.5	°C
Test Date:	2021/09/10~2022/12/14	Relative Humidity:	32.4~54.8	%

<CDD Mode>

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO												
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	5955	16.83	16.83	16.83	16.83	21.90	21.30	21.85	22.15	
11a	6Mbps	2	6175	16.83	16.83	16.83	16.83	21.90	22.10	22.30	21.65	
11a	6Mbps	2	6415	16.88	16.83	16.83	16.83	22.00	21.20	21.70	22.25	

TEST RESULTS DATA
EIRP Power Table

UNII-5 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	5955	4.86	4.64	7.76	3.70	11.46	30.00	Pass	5.65	4.64	8.15	3.80	11.95	30.00	Pass
11a	6Mbps	2	6175	5.44	4.67	8.08	3.70	11.78	30.00	Pass	5.86	4.67	8.28	3.80	12.08	30.00	Pass
11a	6Mbps	2	6415	5.57	4.82	8.22	3.70	11.92	30.00	Pass	5.51	4.71	8.14	3.80	11.94	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-5 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted PSD-V(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Conducted PSD-H(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	5955			-2.71	6.71	4.00	5.00	Pass			-2.28	6.81	4.53	5.00	Pass
11a	6Mbps	2	6175			-2.52	6.71	4.19	5.00	Pass			-2.37	6.81	4.45	5.00	Pass
11a	6Mbps	2	6415			-2.25	6.71	4.46	5.00	Pass			-2.27	6.81	4.54	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
 Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB and 99% OBW

UNII-6 MIMO												
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	6435	16.83	16.83	16.83	16.78	22.25	21.75	22.30	21.60	
11a	6Mbps	2	6475	16.83	16.83	16.83	16.83	22.30	21.35	22.05	22.25	
11a	6Mbps	2	6515	16.88	16.83	16.88	16.88	22.10	22.20	22.10	22.20	

TEST RESULTS DATA
EIRP Power Table

UNII-6 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	6435	6.12	5.36	8.77	3.70	12.47	30.00	Pass	6.03	5.26	8.67	3.80	12.47	30.00	Pass
11a	6Mbps	2	6475	6.08	5.21	8.68	3.70	12.38	30.00	Pass	5.97	5.21	8.62	3.80	12.42	30.00	Pass
11a	6Mbps	2	6515	5.91	5.07	8.52	3.70	12.22	30.00	Pass	5.86	4.96	8.44	3.80	12.24	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-6 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted PSD-V(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Conducted PSD-H(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	6435			-1.79	6.71	4.92	5.00	Pass			-1.89	6.81	4.92	5.00	Pass
11a	6Mbps	2	6475			-2.10	6.71	4.61	5.00	Pass			-2.15	6.81	4.66	5.00	Pass
11a	6Mbps	2	6515			-1.96	6.71	4.75	5.00	Pass			-1.97	6.81	4.84	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
 Array Gain = $10 \cdot \log(\text{Nant}/\text{Nss}) = 10 \cdot \log(2/1) = 3.01 \text{ dB}$; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO												
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	6535	16.83	16.83	16.83	16.83	22.20	21.80	22.55	22.15	
11a	6Mbps	2	6695	16.88	16.83	16.83	16.83	22.10	22.30	22.10	22.10	
11a	6Mbps	2	6855	16.83	16.83	16.88	16.83	22.05	21.10	21.70	22.35	

UNII-7 straddle channel MIMO												
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	6875	16.83	16.83	16.88	16.83	22.10	21.60	21.80	21.90	

TEST RESULTS DATA
EIRP Power Table

UNII-7 Band																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	117	6535	5.96	5.14	8.58	3.70	12.28	30.00	Pass	5.95	5.04	8.53	3.80	12.33	30.00	Pass
11a	6Mbps	2	149	6695	5.91	5.42	8.68	3.70	12.38	30.00	Pass	5.92	5.10	8.54	3.80	12.34	30.00	Pass
11a	6Mbps	2	181	6855	6.09	5.31	8.73	3.70	12.43	30.00	Pass	5.99	5.11	8.58	3.80	12.38	30.00	Pass

UNII-7 Band straddle channel																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	185	6875	5.89	4.96	8.46	3.70	12.16	30.00	Pass	5.80	4.96	8.41	3.80	12.21	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-7 Band																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted PSD-V(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Conducted PSD-H(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	117	6535			-1.86	6.71	4.85	5.00	Pass			-1.94	6.81	4.88	5.00	Pass
11a	6Mbps	2	149	6695			-1.85	6.71	4.87	5.00	Pass			-2.13	6.81	4.68	5.00	Pass
11a	6Mbps	2	181	6855			-2.02	6.71	4.69	5.00	Pass			-2.25	6.81	4.56	5.00	Pass

UNII-7 Band straddle channel																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted PSD-V(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Conducted PSD-H(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	185	6875			-2.18	6.71	4.54	5.00	Pass			-2.35	6.81	4.46	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = $10 \cdot \log(N_{ant}/N_{ss}) = 10 \cdot \log(2/1) = 3.01 \text{ dB}$; $N_{ant}=2$ and $N_{ss}=1$
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB EBW and 99% OBW

UNII-8 MIMO												
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	6895	16.88	16.83	16.83	16.83	22.15	21.55	21.70	21.50	
11a	6Mbps	2	6995	16.83	16.73	16.73	16.78	22.15	21.30	21.70	21.80	
11a	6Mbps	2	7095	16.83	16.83	16.78	16.83	22.05	21.53	22.03	22.35	

TEST RESULTS DATA
EIRP Power Table

UNII-8 Band																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	189	6895	6.22	5.30	8.79	3.70	12.49	30.00	Pass	6.09	5.23	8.69	3.80	12.49	30.00	Pass
11a	6Mbps	2	209	6995	6.75	6.01	9.41	3.70	13.11	30.00	Pass	6.57	5.84	9.23	3.80	13.03	30.00	Pass
11a	6Mbps	2	229	7095	7.83	6.88	10.39	3.70	14.09	30.00	Pass	8.14	7.10	10.66	3.80	14.46	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-8 Band																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted PSD-V(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Conducted PSD-H(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	189	6895			-1.82	6.71	4.89	5.00	Pass			-1.97	6.81	4.85	5.00	Pass
11a	6Mbps	2	209	6995			-1.79	6.71	4.92	5.00	Pass			-1.97	6.81	4.84	5.00	Pass
11a	6Mbps	2	229	7095			-1.91	6.71	4.80	5.00	Pass			-1.92	6.81	4.89	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
 Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	5955	Full	19.13	19.18	19.18	19.13	22.80	22.70	23.05	22.85	
HE20	MCS0	2	6175	Full	19.18	19.18	19.18	19.18	23.65	22.45	22.75	22.50	
HE20	MCS0	2	6415	Full	19.18	19.18	19.18	19.18	22.40	22.80	22.80	22.70	
HE40	MCS0	2	5965	Full	37.76	37.66	37.76	37.76	40.23	40.14	40.50	39.96	
HE40	MCS0	2	6165	Full	37.76	37.76	37.76	37.76	39.87	40.23	40.41	39.96	
HE40	MCS0	2	6405	Full	37.76	37.76	37.76	37.76	40.23	40.23	40.23	40.14	
HE80	MCS0	2	5985	Full	77.08	76.96	76.96	76.96	82.56	82.24	82.56	82.40	
HE80	MCS0	2	6145	Full	76.84	76.96	76.96	76.96	82.24	82.24	82.72	81.76	
HE80	MCS0	2	6385	Full	76.96	76.96	76.96	76.96	82.40	82.40	82.72	82.56	
HE160	MCS0	2	6025	Full	155.12	154.65	154.89	154.65	164.80	163.84	163.52	164.48	
HE160	MCS0	2	6185	Full	154.89	155.12	154.89	154.89	164.48	163.20	164.48	164.16	
HE160	MCS0	2	6345	Full	155.12	154.65	155.12	154.89	165.12	165.12	164.16	164.80	

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full	6.42	6.19	9.32	3.70	13.02	30.00	Pass	7.10	6.02	9.60	3.80	13.40	30.00	Pass
HE20	MCS0	2	6175	Full	7.07	6.36	9.74	3.70	13.44	30.00	Pass	7.44	6.15	9.85	3.80	13.65	30.00	Pass
HE20	MCS0	2	6415	Full	7.09	6.32	9.73	3.70	13.43	30.00	Pass	7.11	6.19	9.68	3.80	13.48	30.00	Pass
HE40	MCS0	2	5965	Full	8.80	9.03	11.93	3.70	15.63	30.00	Pass	10.39	8.93	12.73	3.80	16.53	30.00	Pass
HE40	MCS0	2	6165	Full	9.35	8.76	12.08	3.70	15.78	30.00	Pass	9.60	8.95	12.30	3.80	16.10	30.00	Pass
HE40	MCS0	2	6405	Full	9.43	8.84	12.16	3.70	15.86	30.00	Pass	9.55	8.76	12.18	3.80	15.98	30.00	Pass
HE80	MCS0	2	5985	Full	11.02	11.61	14.34	3.70	18.04	30.00	Pass	12.88	11.52	15.26	3.80	19.06	30.00	Pass
HE80	MCS0	2	6145	Full	11.95	11.65	14.81	3.70	18.51	30.00	Pass	12.72	11.93	15.35	3.80	19.15	30.00	Pass
HE80	MCS0	2	6385	Full	12.82	12.44	15.64	3.70	19.34	30.00	Pass	13.10	12.18	15.67	3.80	19.47	30.00	Pass
HE160	MCS0	2	6025	Full	14.56	14.75	17.67	3.70	21.37	30.00	Pass	15.94	14.55	18.31	3.80	22.11	30.00	Pass
HE160	MCS0	2	6185	Full	15.15	14.73	17.96	3.70	21.66	30.00	Pass	15.85	14.93	18.42	3.80	22.22	30.00	Pass
HE160	MCS0	2	6345	Full	15.35	14.74	18.07	3.70	21.77	30.00	Pass	15.72	14.77	18.28	3.80	22.08	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full		-2.44	6.71	4.27	5.00	Pass		-2.04	6.81	4.77	5.00	Pass		
HE20	MCS0	2	6175	Full		-2.04	6.71	4.67	5.00	Pass		-1.90	6.81	4.91	5.00	Pass		
HE20	MCS0	2	6415	Full		-1.82	6.71	4.89	5.00	Pass		-1.92	6.81	4.89	5.00	Pass		
HE40	MCS0	2	5965	Full		-2.66	6.71	4.05	5.00	Pass		-1.84	6.81	4.97	5.00	Pass		
HE40	MCS0	2	6165	Full		-2.45	6.71	4.27	5.00	Pass		-2.21	6.81	4.60	5.00	Pass		
HE40	MCS0	2	6405	Full		-2.32	6.71	4.40	5.00	Pass		-2.27	6.81	4.54	5.00	Pass		
HE80	MCS0	2	5985	Full		-3.09	6.71	3.62	5.00	Pass		-2.22	6.81	4.60	5.00	Pass		
HE80	MCS0	2	6145	Full		-2.69	6.71	4.03	5.00	Pass		-2.10	6.81	4.71	5.00	Pass		
HE80	MCS0	2	6385	Full		-1.86	6.71	4.85	5.00	Pass		-1.85	6.81	4.96	5.00	Pass		
HE160	MCS0	2	6025	Full		-2.67	6.71	4.04	5.00	Pass		-1.99	6.81	4.83	5.00	Pass		
HE160	MCS0	2	6185	Full		-2.46	6.71	4.25	5.00	Pass		-2.06	6.81	4.75	5.00	Pass		
HE160	MCS0	2	6345	Full		-2.25	6.71	4.46	5.00	Pass		-2.19	6.81	4.62	5.00	Pass		

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
 Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB and 99% OBW

UNII-6 MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	6435	Full	19.18	19.18	19.18	19.18	23.15	23.00	23.65	22.40	
HE20	MCS0	2	6475	Full	19.18	19.18	19.18	19.13	22.80	23.05	22.85	22.85	
HE20	MCS0	2	6515	Full	19.18	19.18	19.18	19.18	22.80	22.75	22.70	22.90	
HE40	MCS0	2	6445	Full	37.76	37.66	37.76	37.76	40.05	40.32	40.32	40.14	
HE40	MCS0	2	6485	Full	37.76	37.76	37.66	37.76	40.32	40.14	40.23	39.96	
HE80	MCS0	2	6465	Full	76.96	76.96	76.96	77.08	82.88	82.56	82.88	82.24	

UNII-6 straddle channel MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE40	MCS0	2	6525	Full	37.76	37.76	37.76	37.76	40.59	40.14	40.59	40.14	
HE80	MCS0	2	6545	Full	76.96	76.96	76.96	76.96	83.04	82.24	82.24	82.40	
HE160	MCS0	2	6505	Full	155.12	155.12	155.12	155.12	163.52	165.12	164.16	164.48	

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TEST RESULTS DATA
EIRP Power Table

U-NII-6 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6435	Full	7.15	6.39	9.80	3.70	13.50	30.00	Pass	7.15	6.23	9.72	3.80	13.52	30.00	Pass
HE20	MCS0	2	6475	Full	7.22	6.47	9.87	3.70	13.57	30.00	Pass	7.29	6.29	9.83	3.80	13.63	30.00	Pass
HE20	MCS0	2	6515	Full	6.95	6.11	9.56	3.70	13.26	30.00	Pass	6.89	5.96	9.46	3.80	13.26	30.00	Pass
HE40	MCS0	2	6445	Full	9.50	9.00	12.27	3.70	15.97	30.00	Pass	9.79	8.96	12.41	3.80	16.21	30.00	Pass
HE40	MCS0	2	6485	Full	9.35	8.85	12.12	3.70	15.82	30.00	Pass	9.70	8.84	12.30	3.80	16.10	30.00	Pass
HE80	MCS0	2	6465	Full	12.83	12.44	15.65	3.70	19.35	30.00	Pass	13.14	12.27	15.74	3.80	19.54	30.00	Pass

U-NII-6 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE40	MCS0	2	6525	Full	9.83	9.11	12.50	3.70	16.20	30.00	Pass	10.00	9.17	12.62	3.80	16.42	30.00	Pass
HE80	MCS0	2	6545	Full	12.73	12.05	15.41	3.70	19.11	30.00	Pass	13.06	12.00	15.57	3.80	19.37	30.00	Pass
HE160	MCS0	2	6505	Full	15.80	15.28	18.56	3.70	22.26	30.00	Pass	16.06	15.12	18.63	3.80	22.43	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6435	Full			-2.01	6.71	4.70	5.00	Pass			-1.94	6.81	4.88	5.00	Pass
HE20	MCS0	2	6475	Full			-1.98	6.71	4.73	5.00	Pass			-2.02	6.81	4.79	5.00	Pass
HE20	MCS0	2	6515	Full			-2.03	6.71	4.68	5.00	Pass			-2.15	6.81	4.66	5.00	Pass
HE40	MCS0	2	6445	Full			-2.29	6.71	4.42	5.00	Pass			-2.09	6.81	4.72	5.00	Pass
HE40	MCS0	2	6485	Full			-2.43	6.71	4.28	5.00	Pass			-2.16	6.81	4.65	5.00	Pass
HE80	MCS0	2	6465	Full			-2.08	6.71	4.63	5.00	Pass			-1.98	6.81	4.83	5.00	Pass

U-NII-6 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE40	MCS0	2	6525	Full			-1.89	6.71	4.82	5.00	Pass			-1.88	6.81	4.93	5.00	Pass
HE80	MCS0	2	6545	Full			-2.06	6.71	4.65	5.00	Pass			-1.98	6.81	4.84	5.00	Pass
HE160	MCS0	2	6505	Full			-1.92	6.71	4.80	5.00	Pass			-1.91	6.81	4.90	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	6535	Full	19.18	19.18	19.18	19.18	23.10	23.70	23.05	22.80	
HE20	MCS0	2	6695	Full	19.18	19.18	19.18	19.18	22.65	22.65	22.85	22.75	
HE20	MCS0	2	6855	Full	19.18	19.18	19.18	19.18	22.65	22.80	23.00	22.50	
HE40	MCS0	2	6565	Full	37.76	37.76	37.76	37.76	40.14	40.32	40.23	40.32	
HE40	MCS0	2	6685	Full	37.76	37.76	37.66	37.66	40.59	40.41	40.05	39.96	
HE40	MCS0	2	6845	Full	37.76	37.76	37.76	37.76	40.14	40.41	39.96	39.96	
HE80	MCS0	2	6625	Full	76.96	76.96	76.96	76.96	82.72	82.88	82.56	82.24	
HE80	MCS0	2	6705	Full	76.96	76.96	76.96	77.08	82.88	82.24	82.24	82.40	
HE80	MCS0	2	6785	Full	76.96	76.96	76.96	76.96	82.40	81.60	82.40	82.40	
HE160	MCS0	2	6665	Full	155.12	155.12	154.65	155.12	166.08	164.48	163.84	164.80	

UNII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	6875	Full	19.18	19.18	19.18	19.18	22.40	22.80	22.75	22.60	
HE80	MCS0	2	6865	Full	77.08	77.08	76.96	77.08	82.40	82.72	82.40	82.08	
HE160	MCS0	2	6825	Full	154.89	154.89	154.89	155.12	164.80	164.80	164.80	164.16	

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full	6.98	6.21	9.62	3.70	13.32	30.00	Pass	6.97	6.05	9.54	3.80	13.34	30.00	Pass
HE20	MCS0	2	6695	Full	6.92	6.58	9.76	3.70	13.46	30.00	Pass	6.90	6.16	9.56	3.80	13.36	30.00	Pass
HE20	MCS0	3	6855	Full	7.16	6.52	9.86	3.70	13.56	30.00	Pass	7.10	6.21	9.69	3.80	13.49	30.00	Pass
HE40	MCS0	2	6565	Full	9.71	9.06	12.41	3.70	16.11	30.00	Pass	10.04	9.22	12.66	3.80	16.46	30.00	Pass
HE40	MCS0	2	6685	Full	9.50	9.21	12.37	3.70	16.07	30.00	Pass	9.73	8.92	12.35	3.80	16.15	30.00	Pass
HE40	MCS0	2	6845	Full	9.53	9.14	12.35	3.70	16.05	30.00	Pass	9.50	8.71	12.13	3.80	15.93	30.00	Pass
HE80	MCS0	2	6625	Full	12.52	12.15	15.35	3.70	19.05	30.00	Pass	12.73	11.89	15.34	3.80	19.14	30.00	Pass
HE80	MCS0	2	6705	Full	12.33	12.02	15.19	3.70	18.89	30.00	Pass	12.64	11.90	15.30	3.80	19.10	30.00	Pass
HE80	MCS0	2	6785	Full	12.18	11.67	14.94	3.70	18.64	30.00	Pass	12.70	11.49	15.15	3.80	18.95	30.00	Pass
HE160	MCS0	2	6665	Full	15.55	15.14	18.36	3.70	22.06	30.00	Pass	15.84	14.81	18.37	3.80	22.17	30.00	Pass

U-NII-7 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6875	Full	6.99	6.30	9.67	3.70	13.37	30.00	Pass	6.91	6.08	9.53	3.80	13.33	30.00	Pass
HE80	MCS0	2	6865	Full	12.17	11.65	14.93	3.70	18.63	30.00	Pass	12.62	11.73	15.21	3.80	19.01	30.00	Pass
HE160	MCS0	2	6825	Full	15.33	14.83	18.10	3.70	21.80	30.00	Pass	15.50	14.61	18.09	3.80	21.89	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full			-2.02	6.71	4.69	5.00	Pass			-2.05	6.81	4.76	5.00	Pass
HE20	MCS0	2	6695	Full			-1.93	6.71	4.78	5.00	Pass			-2.09	6.81	4.72	5.00	Pass
HE20	MCS0	2	6855	Full			-1.85	6.71	4.86	5.00	Pass			-1.85	6.81	4.96	5.00	Pass
HE40	MCS0	2	6565	Full			-2.00	6.71	4.71	5.00	Pass			-1.88	6.81	4.93	5.00	Pass
HE40	MCS0	2	6685	Full			-2.09	6.71	4.62	5.00	Pass			-2.07	6.81	4.74	5.00	Pass
HE40	MCS0	2	6845	Full			-2.09	6.71	4.62	5.00	Pass			-2.21	6.81	4.60	5.00	Pass
HE80	MCS0	2	6625	Full			-2.03	6.71	4.68	5.00	Pass			-1.99	6.81	4.82	5.00	Pass
HE80	MCS0	2	6705	Full			-2.28	6.71	4.43	5.00	Pass			-2.17	6.81	4.64	5.00	Pass
HE80	MCS0	2	6785	Full			-2.35	6.71	4.36	5.00	Pass			-2.23	6.81	4.58	5.00	Pass
HE160	MCS0	2	6665	Full			-1.97	6.71	4.74	5.00	Pass			-1.90	6.81	4.91	5.00	Pass

U-NII-7 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6875	Full			-2.07	6.71	4.64	5.00	Pass			-2.24	6.81	4.57	5.00	Pass
HE80	MCS0	2	6865	Full			-2.47	6.71	4.24	5.00	Pass			-2.30	6.81	4.52	5.00	Pass
HE160	MCS0	2	6825	Full			-2.15	6.71	4.56	5.00	Pass			-2.27	6.81	4.54	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
26dB EBW and 99% OBW

UNII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	6895	Full	19.18	19.18	19.18	19.18	22.65	22.35	22.35	23.15	
HE20	MCS0	2	6995	Full	19.13	19.13	19.13	19.13	22.70	22.90	22.60	22.90	
HE20	MCS0	2	7095	Full	19.13	19.13	19.13	19.13	23.15	22.95	22.70	23.15	
HE40	MCS0	2	6925	Full	37.76	37.76	37.76	37.76	40.14	39.96	40.41	40.05	
HE40	MCS0	2	7005	Full	37.86	37.86	37.76	37.86	40.14	40.32	39.78	40.14	
HE40	MCS0	2	7085	Full	37.76	37.66	37.76	37.86	40.14	39.87	40.14	39.96	
HE80	MCS0	2	6945	Full	76.96	77.08	76.96	77.08	81.92	81.92	81.76	83.52	
HE80	MCS0	2	7025	Full	76.96	77.08	76.96	77.08	81.76	82.08	82.88	82.40	
HE160	MCS0	2	6985	Full	154.17	153.69	153.93	153.93	163.52	163.52	163.52	162.56	

UNII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE40	MCS0	2	6885	Full	37.76	37.76	37.76	37.76	39.96	40.32	39.87	40.05	

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6895	Full	6.89	6.01	9.48	3.70	13.18	30.00	Pass	6.87	5.97	9.45	3.80	13.25	30.00	Pass
HE20	MCS0	2	6995	Full	6.86	6.10	9.51	3.70	13.21	30.00	Pass	6.67	5.93	9.33	3.80	13.13	30.00	Pass
HE20	MCS0	2	7095	Full	7.57	6.65	10.14	3.70	13.84	30.00	Pass	7.79	6.75	10.31	3.80	14.11	30.00	Pass
HE40	MCS0	2	6925	Full	9.65	9.01	12.35	3.70	16.05	30.00	Pass	9.74	8.80	12.31	3.80	16.11	30.00	Pass
HE40	MCS0	2	7005	Full	9.51	9.01	12.28	3.70	15.98	30.00	Pass	9.63	8.79	12.24	3.80	16.04	30.00	Pass
HE40	MCS0	2	7085	Full	10.25	9.58	12.94	3.70	16.64	30.00	Pass	10.72	9.53	13.18	3.80	16.98	30.00	Pass
HE80	MCS0	2	6945	Full	12.37	11.59	15.01	3.70	18.71	30.00	Pass	12.59	11.75	15.20	3.80	19.00	30.00	Pass
HE80	MCS0	2	7025	Full	13.44	12.65	16.07	3.70	19.77	30.00	Pass	13.67	12.78	16.26	3.80	20.06	30.00	Pass
HE160	MCS0	2	6985	Full	15.43	14.83	18.15	3.70	21.85	30.00	Pass	15.47	14.69	18.11	3.80	21.91	30.00	Pass

U-NII-8 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE40	MCS0	2	6885	Full	9.57	9.04	12.32	3.70	16.02	30.00	Pass	9.76	8.73	12.29	3.80	16.09	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{max} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6895	Full	-2.11		6.71	4.60	5.00	Pass	-2.35			6.81	4.46	5.00	Pass	
HE20	MCS0	2	6995	Full	-2.08		6.71	4.63	5.00	Pass	-2.37			6.81	4.44	5.00	Pass	
HE20	MCS0	2	7095	Full	-2.54		6.71	4.17	5.00	Pass	-2.35			6.81	4.46	5.00	Pass	
HE40	MCS0	2	6925	Full	-2.08		6.71	4.63	5.00	Pass	-2.03			6.81	4.78	5.00	Pass	
HE40	MCS0	2	7005	Full	-2.27		6.71	4.44	5.00	Pass	-2.34			6.81	4.48	5.00	Pass	
HE40	MCS0	2	7085	Full	-1.95		6.71	4.76	5.00	Pass	-1.86			6.81	4.95	5.00	Pass	
HE80	MCS0	2	6945	Full	-2.50		6.71	4.21	5.00	Pass	-2.30			6.81	4.51	5.00	Pass	
HE80	MCS0	2	7025	Full	-2.13		6.71	4.58	5.00	Pass	-1.99			6.81	4.82	5.00	Pass	
HE160	MCS0	2	6985	Full	-1.91		6.71	4.80	5.00	Pass	-2.06			6.81	4.75	5.00	Pass	

U-NII-8 Band straddle channel																			
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	
					Ant E	Ant H	SUM					Ant F	Ant G	SUM					
HE40	MCS0	2	6885	Full			-2.22	6.71	4.50	5.00	Pass				-2.29	6.81	4.52	5.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = G_{MAX} + Array Gain
 Array Gain = 10*log(Nant/Nss) = 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full	6.42	6.19	9.32	3.70	13.02	30.00	Pass	7.10	6.02	9.60	3.80	13.40	30.00	Pass
HE20	MCS0	2	5955	52_52_52_52	5.29	4.90	8.11	3.70	11.81	30.00	Pass	5.38	5.16	8.28	3.80	12.08	30.00	Pass
HE20	MCS0	2	5955	106_106	5.19	4.78	8.00	3.70	11.70	30.00	Pass	5.18	5.02	8.11	3.80	11.91	30.00	Pass
HE20	MCS0	2	6175	Full	7.07	6.36	9.74	3.70	13.44	30.00	Pass	7.44	6.15	9.85	3.80	13.65	30.00	Pass
HE20	MCS0	2	6175	52_52_52_52	4.68	4.36	7.53	3.70	11.23	30.00	Pass	4.70	4.40	7.56	3.80	11.36	30.00	Pass
HE20	MCS0	2	6175	106_106	4.62	4.33	7.49	3.70	11.19	30.00	Pass	4.66	4.33	7.51	3.80	11.31	30.00	Pass
HE20	MCS0	2	6415	Full	7.09	6.32	9.73	3.70	13.43	30.00	Pass	7.11	6.19	9.68	3.80	13.48	30.00	Pass
HE20	MCS0	2	6415	52_52_52_52	5.13	4.64	7.90	3.70	11.60	30.00	Pass	5.01	5.05	8.04	3.80	11.84	30.00	Pass
HE20	MCS0	2	6415	106_106	4.94	4.65	7.81	3.70	11.51	30.00	Pass	4.94	4.88	7.92	3.80	11.72	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 4: The test results of full RU configs presented in the table are derived from the originally-granted test report (FR210728001F) for power and PSD comparison against Partial loaded RU con

Note 5: The power setting of partial RU increases or decreases in one dB step, whereas the power setting in Full RU are half dB step.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 Band																		
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full		-2.44	6.71	4.27	5.00	Pass		-2.04	6.81	4.77	5.00	Pass		
HE20	MCS0	2	5955	52_52_52_52		-3.63	6.71	3.08	5.00	Pass		-3.39	6.81	3.42	5.00	Pass		
HE20	MCS0	2	5955	106_106		-3.62	6.71	3.09	5.00	Pass		-3.45	6.81	3.36	5.00	Pass		
HE20	MCS0	2	6175	Full		-2.04	6.71	4.67	5.00	Pass		-1.90	6.81	4.91	5.00	Pass		
HE20	MCS0	2	6175	52_52_52_52		-4.14	6.71	2.57	5.00	Pass		-4.09	6.81	2.72	5.00	Pass		
HE20	MCS0	2	6175	106_106		-4.11	6.71	2.60	5.00	Pass		-4.11	6.81	2.70	5.00	Pass		
HE20	MCS0	2	6415	Full		-1.82	6.71	4.89	5.00	Pass		-1.92	6.81	4.89	5.00	Pass		
HE20	MCS0	2	6415	52_52_52_52		-3.73	6.71	2.98	5.00	Pass		-3.59	6.81	3.22	5.00	Pass		
HE20	MCS0	2	6415	106_106		-3.73	6.71	2.98	5.00	Pass		-3.68	6.81	3.13	5.00	Pass		

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 10*log(Nant/Nss) = 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6435	Full	7.15	6.39	9.80	3.70	13.50	30.00	Pass	7.15	6.23	9.72	3.80	13.52	30.00	Pass
HE20	MCS0	2	6435	52_52_52_52	4.93	4.57	7.76	3.70	11.46	30.00	Pass	4.90	4.83	7.88	3.80	11.68	30.00	Pass
HE20	MCS0	2	6435	106_106	4.93	4.60	7.78	3.70	11.48	30.00	Pass	4.86	4.89	7.89	3.80	11.69	30.00	Pass
HE20	MCS0	2	6475	Full	7.22	6.47	9.87	3.70	13.57	30.00	Pass	7.29	6.29	9.83	3.80	13.63	30.00	Pass
HE20	MCS0	2	6475	52_52_52_52	4.73	4.32	7.54	3.70	11.24	30.00	Pass	4.75	4.61	7.69	3.80	11.49	30.00	Pass
HE20	MCS0	2	6475	106_106	4.68	4.34	7.52	3.70	11.22	30.00	Pass	4.74	4.62	7.69	3.80	11.49	30.00	Pass
HE20	MCS0	2	6515	Full	6.95	6.11	9.56	3.70	13.26	30.00	Pass	6.89	5.96	9.46	3.80	13.26	30.00	Pass
HE20	MCS0	2	6515	52_52_52_52	4.71	4.16	7.45	3.70	11.15	30.00	Pass	4.72	4.63	7.69	3.80	11.49	30.00	Pass
HE20	MCS0	2	6515	106_106	4.72	4.16	7.46	3.70	11.16	30.00	Pass	4.68	4.54	7.62	3.80	11.42	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 4: The test results of full RU configs presented in the table are derived from the originally-granted test report (FR210728001F) for power and PSD comparison against Partial loaded RU con

Note 5: The power setting of partial RU increases or decreases in one dB step, whereas the power setting in Full RU are half dB step.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 Band																		
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6435	Full			-2.01	6.71	4.70	5.00	Pass			-1.94	6.81	4.88	5.00	Pass
HE20	MCS0	2	6435	52_52_52_52			-3.76	6.71	2.95	5.00	Pass			-3.56	6.81	3.25	5.00	Pass
HE20	MCS0	2	6435	106_106			-3.75	6.71	2.96	5.00	Pass			-3.75	6.81	3.07	5.00	Pass
HE20	MCS0	2	6475	Full			-1.98	6.71	4.73	5.00	Pass			-2.02	6.81	4.79	5.00	Pass
HE20	MCS0	2	6475	52_52_52_52			-3.94	6.71	2.77	5.00	Pass			-3.86	6.81	2.95	5.00	Pass
HE20	MCS0	2	6475	106_106			-4.04	6.71	2.67	5.00	Pass			-3.93	6.81	2.88	5.00	Pass
HE20	MCS0	2	6515	Full			-2.03	6.71	4.68	5.00	Pass			-2.15	6.81	4.66	5.00	Pass
HE20	MCS0	2	6515	52_52_52_52			-4.03	6.71	2.68	5.00	Pass			-3.84	6.81	2.97	5.00	Pass
HE20	MCS0	2	6515	106_106			-4.13	6.71	2.58	5.00	Pass			-3.95	6.81	2.86	5.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 10*log(Nant/Nss) = 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full	6.98	6.21	9.62	3.70	13.32	30.00	Pass	6.97	6.05	9.54	3.80	13.34	30.00	Pass
HE20	MCS0	2	6535	52_52_52_52	5.30	4.53	7.94	3.70	11.64	30.00	Pass	5.16	5.08	8.13	3.80	11.93	30.00	Pass
HE20	MCS0	2	6535	106_106	5.21	4.59	7.92	3.70	11.62	30.00	Pass	5.12	5.05	8.10	3.80	11.90	30.00	Pass
HE20	MCS0	2	6695	Full	6.92	6.58	9.76	3.70	13.46	30.00	Pass	6.90	6.16	9.56	3.80	13.36	30.00	Pass
HE20	MCS0	2	6695	52_52_52_52	4.77	4.44	7.62	3.70	11.32	30.00	Pass	4.84	4.76	7.81	3.80	11.61	30.00	Pass
HE20	MCS0	2	6695	106_106	4.68	4.48	7.59	3.70	11.29	30.00	Pass	4.79	4.76	7.79	3.80	11.59	30.00	Pass
HE20	MCS0	3	6855	Full	7.16	6.52	9.86	3.70	13.56	30.00	Pass	7.10	6.21	9.69	3.80	13.49	30.00	Pass
HE20	MCS0	3	6855	52_52_52_52	5.38	4.67	8.05	3.70	11.75	30.00	Pass	5.11	4.98	8.06	3.80	11.86	30.00	Pass
HE20	MCS0	3	6855	106_106	5.30	4.60	7.97	3.70	11.67	30.00	Pass	5.16	5.06	8.12	3.80	11.92	30.00	Pass

U-NII-7 Band straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6875	Full	6.99	6.30	9.67	3.70	13.37	30.00	Pass	6.91	6.08	9.53	3.80	13.33	30.00	Pass
HE20	MCS0	2	6875	52_52_52_52	5.28	4.61	7.97	3.70	11.67	30.00	Pass	5.16	5.27	8.23	3.80	12.03	30.00	Pass
HE20	MCS0	2	6875	106_106	5.31	4.69	8.02	3.70	11.72	30.00	Pass	5.19	5.06	8.14	3.80	11.94	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 4: The test results of full RU configs presented in the table are derived from the originally-granted test report (FR210728001F) for power and PSD comparison against Partial loaded RU co

Note 5: The power setting of partial RU increases or decreases in one dB step, whereas the power setting in Full RU are half dB step.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 Band																		
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full			-2.02	6.71	4.69	5.00	Pass			-2.05	6.81	4.76	5.00	Pass
HE20	MCS0	2	6535	52_52_52_52			-3.56	6.71	3.15	5.00	Pass			-3.38	6.81	3.43	5.00	Pass
HE20	MCS0	2	6535	106_106			-3.67	6.71	3.04	5.00	Pass			-3.47	6.81	3.34	5.00	Pass
HE20	MCS0	2	6695	Full			-1.93	6.71	4.78	5.00	Pass			-2.09	6.81	4.72	5.00	Pass
HE20	MCS0	2	6695	52_52_52_52			-3.90	6.71	2.81	5.00	Pass			-3.63	6.81	3.18	5.00	Pass
HE20	MCS0	2	6695	106_106			-3.98	6.71	2.73	5.00	Pass			-3.71	6.81	3.10	5.00	Pass
HE20	MCS0	2	6855	Full			-1.85	6.71	4.86	5.00	Pass			-1.85	6.81	4.96	5.00	Pass
HE20	MCS0	2	6855	52_52_52_52			-3.46	6.71	3.26	5.00	Pass			-3.36	6.81	3.45	5.00	Pass
HE20	MCS0	2	6855	106_106			-3.52	6.71	3.19	5.00	Pass			-3.53	6.81	3.28	5.00	Pass

U-NII-7 Band straddle channel																		
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6875	Full			-2.07	6.71	4.64	5.00	Pass			-2.24	6.81	4.57	5.00	Pass
HE20	MCS0	2	6875	52_52_52_52			-3.53	6.71	3.18	5.00	Pass			-3.37	6.81	3.44	5.00	Pass
HE20	MCS0	2	6875	106_106			-3.52	6.71	3.19	5.00	Pass			-3.52	6.81	3.29	5.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 10*log(Nant/Nss) = 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6895	Full	6.89	6.01	9.48	3.70	13.18	30.00	Pass	6.87	5.97	9.45	3.80	13.25	30.00	Pass
HE20	MCS0	2	6895	52_52_52_52	4.75	4.22	7.50	3.70	11.20	30.00	Pass	4.56	4.61	7.60	3.80	11.40	30.00	Pass
HE20	MCS0	2	6895	106_106	4.68	4.16	7.44	3.70	11.14	30.00	Pass	4.48	4.42	7.46	3.80	11.26	30.00	Pass
HE20	MCS0	2	6995	Full	6.86	6.10	9.51	3.70	13.21	30.00	Pass	6.67	5.93	9.33	3.80	13.13	30.00	Pass
HE20	MCS0	2	6995	52_52_52_52	4.85	3.95	7.43	3.70	11.13	30.00	Pass	4.42	4.59	7.52	3.80	11.32	30.00	Pass
HE20	MCS0	2	6995	106_106	4.64	3.91	7.30	3.70	11.00	30.00	Pass	4.38	4.43	7.42	3.80	11.22	30.00	Pass
HE20	MCS0	2	7095	Full	7.57	6.65	10.14	3.70	13.84	30.00	Pass	7.79	6.75	10.31	3.80	14.11	30.00	Pass
HE20	MCS0	2	7095	52_52_52_52	5.00	4.04	7.56	3.70	11.26	30.00	Pass	4.63	4.57	7.61	3.80	11.41	30.00	Pass
HE20	MCS0	2	7095	106_106	4.95	4.06	7.54	3.70	11.24	30.00	Pass	4.70	4.57	7.65	3.80	11.45	30.00	Pass
HE20	MCS0	2	7115	Full	8.09	7.48	10.81	3.70	14.51	30.00	Pass	8.25	7.42	10.87	3.80	14.67	30.00	Pass
HE20	MCS0	2	7115	52_52_52_52	5.92	4.85	8.43	3.70	12.13	30.00	Pass	5.22	5.21	8.23	3.80	12.03	30.00	Pass
HE20	MCS0	2	7115	106_106	5.94	4.92	8.47	3.70	12.17	30.00	Pass	5.26	5.27	8.28	3.80	12.08	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other. EIRP of each polarization must individually be below the limit

Note 4: The test results of full RU configs presented in the table are derived from the originally-granted test report (FR210728001F) for power and PSD comparison against Partial loaded RU cc

Note 5: The power setting of partial RU increases or decreases in one dB step, whereas the power setting in Full RU are half dB step.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 Band																		
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	RU Config.	Conducted PSD-V (dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Conducted PSD-H (dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6895	Full		-2.11	6.71	4.60	5.00	Pass		-2.35	6.81	4.46	5.00	Pass		
HE20	MCS0	2	6895	52_52_52_52		-3.91	6.71	2.80	5.00	Pass		-3.95	6.81	2.87	5.00	Pass		
HE20	MCS0	2	6895	106_106		-4.09	6.71	2.62	5.00	Pass		-4.00	6.81	2.81	5.00	Pass		
HE20	MCS0	2	6995	Full		-2.08	6.71	4.63	5.00	Pass		-2.37	6.81	4.44	5.00	Pass		
HE20	MCS0	2	6995	52_52_52_52		-4.00	6.71	2.71	5.00	Pass		-3.95	6.81	2.87	5.00	Pass		
HE20	MCS0	2	6995	106_106		-3.93	6.71	2.78	5.00	Pass		-3.75	6.81	3.06	5.00	Pass		
HE20	MCS0	2	7095	Full		-2.54	6.71	4.17	5.00	Pass		-2.35	6.81	4.46	5.00	Pass		
HE20	MCS0	2	7095	52_52_52_52		-3.58	6.71	3.13	5.00	Pass		-3.80	6.81	3.01	5.00	Pass		
HE20	MCS0	2	7095	106_106		-3.37	6.71	3.34	5.00	Pass		-3.52	6.81	3.29	5.00	Pass		
HE20	MCS0	2	7115	Full		-2.22	6.71	4.49	5.00	Pass		-2.08	6.81	4.73	5.00	Pass		
HE20	MCS0	2	7115	52_52_52_52		-2.90	6.71	3.81	5.00	Pass		-3.06	6.81	3.75	5.00	Pass		
HE20	MCS0	2	7115	106_106		-2.71	6.71	4.01	5.00	Pass		-3.07	6.81	3.74	5.00	Pass		

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: Directional Gain = G_{MAX} + Array Gain

Array Gain = 10*log(Nant/Nss) = 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP PSD of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	5955	6.15	5.85	9.01	3.70	12.71	30.00	Pass	6.86	5.78	9.36	3.80	13.16	30.00	Pass
HT20	MCS0	2	6175	6.73	5.94	9.36	3.70	13.06	30.00	Pass	7.10	5.80	9.51	3.80	13.31	30.00	Pass
HT20	MCS0	2	6415	6.91	6.16	9.56	3.70	13.26	30.00	Pass	6.87	6.02	9.48	3.80	13.28	30.00	Pass
HT40	MCS0	2	5965	8.76	9.00	11.89	3.70	15.59	30.00	Pass	10.37	8.90	12.71	3.80	16.51	30.00	Pass
HT40	MCS0	2	6165	9.32	8.72	12.04	3.70	15.74	30.00	Pass	9.58	8.92	12.27	3.80	16.07	30.00	Pass
HT40	MCS0	2	6405	9.41	8.80	12.13	3.70	15.83	30.00	Pass	9.50	8.73	12.14	3.80	15.94	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Each polarization has 2 antenna
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6435	6.91	6.16	9.56	3.70	13.26	30.00	Pass	6.92	6.06	9.52	3.80	13.32	30.00	Pass
HT20	MCS0	2	6475	6.86	6.10	9.51	3.70	13.21	30.00	Pass	6.94	5.98	9.50	3.80	13.30	30.00	Pass
HT20	MCS0	2	6515	6.63	5.82	9.25	3.70	12.95	30.00	Pass	6.56	5.70	9.16	3.80	12.96	30.00	Pass
HT40	MCS0	2	6445	9.47	8.90	12.20	3.70	15.90	30.00	Pass	9.71	8.92	12.34	3.80	16.14	30.00	Pass
HT40	MCS0	2	6485	9.30	8.80	12.07	3.70	15.77	30.00	Pass	9.63	8.81	12.25	3.80	16.05	30.00	Pass

U-NII-6 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT40	MCS0	2	6525	9.80	9.06	12.46	3.70	16.16	30.00	Pass	9.92	9.15	12.56	3.80	16.36	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Each polarization has 2 antenna
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6535	6.69	5.91	9.33	3.70	13.03	30.00	Pass	6.67	5.79	9.26	3.80	13.06	30.00	Pass
HT20	MCS0	2	6695	6.65	6.26	9.47	3.70	13.17	30.00	Pass	6.58	5.82	9.23	3.80	13.03	30.00	Pass
HT20	MCS0	3	6855	6.85	6.15	9.52	3.70	13.22	30.00	Pass	6.77	5.92	9.38	3.80	13.18	30.00	Pass
HT40	MCS0	2	6565	9.67	9.03	12.37	3.70	16.07	30.00	Pass	10.01	9.19	12.63	3.80	16.43	30.00	Pass
HT40	MCS0	2	6685	9.45	9.17	12.32	3.70	16.02	30.00	Pass	9.70	8.89	12.32	3.80	16.12	30.00	Pass
HT40	MCS0	2	6845	9.48	9.10	12.30	3.70	16.00	30.00	Pass	9.48	8.69	12.11	3.80	15.91	30.00	Pass

U-NII-7 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6875	6.72	5.98	9.38	3.70	13.08	30.00	Pass	6.61	5.79	9.23	3.80	13.03	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Each polarization has 2 antenna
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6895	6.70	5.77	9.27	3.70	12.97	30.00	Pass	6.51	5.64	9.11	3.80	12.91	30.00	Pass
HT20	MCS0	2	6995	6.58	5.87	9.25	3.70	12.95	30.00	Pass	6.50	5.78	9.17	3.80	12.97	30.00	Pass
HT20	MCS0	2	7095	7.43	6.39	9.95	3.70	13.65	30.00	Pass	7.50	6.65	10.11	3.80	13.91	30.00	Pass
HT40	MCS0	2	6925	9.63	8.96	12.32	3.70	16.02	30.00	Pass	9.71	8.77	12.28	3.80	16.08	30.00	Pass
HT40	MCS0	2	7005	9.49	8.97	12.25	3.70	15.95	30.00	Pass	9.60	8.77	12.22	3.80	16.02	30.00	Pass
HT40	MCS0	2	7085	10.23	9.55	12.91	3.70	16.61	30.00	Pass	10.69	9.50	13.15	3.80	16.95	30.00	Pass

U-NII-8 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT40	MCS0	2	6885	9.54	9.00	12.29	3.70	15.99	30.00	Pass	9.70	8.70	12.24	3.80	16.04	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = G_{MAX} + Array Gain
Each polarization has 2 antenna
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	5955	6.21	5.92	9.08	3.70	12.78	30.00	Pass	6.92	5.85	9.43	3.80	13.23	30.00	Pass
VHT20	MCS0	2	6175	6.81	6.01	9.44	3.70	13.14	30.00	Pass	7.16	5.89	9.58	3.80	13.38	30.00	Pass
VHT20	MCS0	2	6415	6.80	6.01	9.43	3.70	13.13	30.00	Pass	6.88	6.03	9.49	3.80	13.29	30.00	Pass
VHT40	MCS0	2	5965	8.75	8.97	11.87	3.70	15.57	30.00	Pass	10.37	8.85	12.69	3.80	16.49	30.00	Pass
VHT40	MCS0	2	6165	9.31	8.69	12.02	3.70	15.72	30.00	Pass	9.56	8.93	12.27	3.80	16.07	30.00	Pass
VHT40	MCS0	2	6405	9.40	8.80	12.12	3.70	15.82	30.00	Pass	9.50	8.71	12.13	3.80	15.93	30.00	Pass
VHT80	MCS0	2	5985	10.89	11.57	14.25	3.70	17.95	30.00	Pass	12.85	11.48	15.23	3.80	19.03	30.00	Pass
VHT80	MCS0	2	6145	11.86	11.59	14.74	3.70	18.44	30.00	Pass	12.67	11.87	15.30	3.80	19.10	30.00	Pass
VHT80	MCS0	2	6385	12.74	12.35	15.56	3.70	19.26	30.00	Pass	12.98	12.15	15.60	3.80	19.40	30.00	Pass
VHT160	MCS0	2	6025	14.53	14.73	17.64	3.70	21.34	30.00	Pass	15.91	14.53	18.28	3.80	22.08	30.00	Pass
VHT160	MCS0	2	6185	15.12	14.70	17.93	3.70	21.63	30.00	Pass	15.82	14.89	18.39	3.80	22.19	30.00	Pass
VHT160	MCS0	2	6345	15.33	14.72	18.05	3.70	21.75	30.00	Pass	15.68	14.73	18.24	3.80	22.04	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6435	6.94	6.18	9.59	3.70	13.29	30.00	Pass	6.95	6.06	9.54	3.80	13.34	30.00	Pass
VHT20	MCS0	2	6475	6.88	6.12	9.53	3.70	13.23	30.00	Pass	6.95	6.00	9.51	3.80	13.31	30.00	Pass
VHT20	MCS0	2	6515	6.68	5.84	9.29	3.70	12.99	30.00	Pass	6.60	5.71	9.19	3.80	12.99	30.00	Pass
VHT40	MCS0	2	6445	9.48	8.95	12.23	3.70	15.93	30.00	Pass	9.76	8.92	12.37	3.80	16.17	30.00	Pass
VHT40	MCS0	2	6485	9.31	8.83	12.09	3.70	15.79	30.00	Pass	9.65	8.81	12.26	3.80	16.06	30.00	Pass
VHT80	MCS0	2	6465	12.77	12.37	15.58	3.70	19.28	30.00	Pass	13.08	12.20	15.67	3.80	19.47	30.00	Pass

U-NII-6 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT40	MCS0	2	6525	9.81	9.08	12.47	3.70	16.17	30.00	Pass	9.96	9.13	12.58	3.80	16.38	30.00	Pass
VHT80	MCS0	2	6545	12.60	11.96	15.30	3.70	19.00	30.00	Pass	13.00	11.97	15.53	3.80	19.33	30.00	Pass
VHT160	MCS0	2	6505	15.78	15.25	18.53	3.70	22.23	30.00	Pass	16.01	15.10	18.59	3.80	22.39	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6535	6.77	5.93	9.38	3.70	13.08	30.00	Pass	6.68	5.81	9.28	3.80	13.08	30.00	Pass
VHT20	MCS0	2	6695	6.59	6.13	9.38	3.70	13.08	30.00	Pass	6.51	5.81	9.18	3.80	12.98	30.00	Pass
VHT20	MCS0	3	6855	6.76	6.02	9.42	3.70	13.12	30.00	Pass	6.65	5.85	9.28	3.80	13.08	30.00	Pass
VHT40	MCS0	2	6565	9.69	9.02	12.38	3.70	16.08	30.00	Pass	9.99	9.18	12.61	3.80	16.41	30.00	Pass
VHT40	MCS0	2	6685	9.46	9.15	12.32	3.70	16.02	30.00	Pass	9.70	8.86	12.31	3.80	16.11	30.00	Pass
VHT40	MCS0	2	6845	9.49	9.08	12.30	3.70	16.00	30.00	Pass	9.47	8.67	12.10	3.80	15.90	30.00	Pass
VHT80	MCS0	2	6625	12.38	11.95	15.18	3.70	18.88	30.00	Pass	12.69	11.79	15.27	3.80	19.07	30.00	Pass
VHT80	MCS0	2	6705	12.15	11.95	15.06	3.70	18.76	30.00	Pass	12.61	11.79	15.23	3.80	19.03	30.00	Pass
VHT80	MCS0	2	6785	12.09	11.65	14.89	3.70	18.59	30.00	Pass	12.67	11.46	15.12	3.80	18.92	30.00	Pass
VHT160	MCS0	2	6665	15.50	15.12	18.32	3.70	22.02	30.00	Pass	15.80	14.78	18.33	3.80	22.13	30.00	Pass

U-NII-7 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6875	6.60	5.86	9.26	3.70	12.96	30.00	Pass	6.50	5.70	9.13	3.80	12.93	30.00	Pass
VHT80	MCS0	2	6865	12.14	11.57	14.87	3.70	18.57	30.00	Pass	12.51	11.65	15.11	3.80	18.91	30.00	Pass
VHT160	MCS0	2	6825	15.29	14.80	18.06	3.70	21.76	30.00	Pass	15.48	14.59	18.07	3.80	21.87	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6885	6.70	5.80	9.28	3.70	12.98	30.00	Pass	6.55	5.70	9.16	3.80	12.96	30.00	Pass
VHT20	MCS0	2	6995	6.59	5.81	9.23	3.70	12.93	30.00	Pass	6.38	5.64	9.04	3.80	12.84	30.00	Pass
VHT20	MCS0	2	7095	7.42	6.38	9.94	3.70	13.64	30.00	Pass	7.51	6.64	10.11	3.80	13.91	30.00	Pass
VHT40	MCS0	2	6925	9.62	8.97	12.32	3.70	16.02	30.00	Pass	9.70	8.78	12.27	3.80	16.07	30.00	Pass
VHT40	MCS0	2	7005	9.46	8.95	12.22	3.70	15.92	30.00	Pass	9.59	8.75	12.20	3.80	16.00	30.00	Pass
VHT40	MCS0	2	7085	10.23	9.52	12.90	3.70	16.60	30.00	Pass	10.66	9.50	13.13	3.80	16.93	30.00	Pass
VHT80	MCS0	2	6945	12.31	11.49	14.93	3.70	18.63	30.00	Pass	12.54	11.62	15.11	3.80	18.91	30.00	Pass
VHT80	MCS0	2	7025	13.35	12.53	15.97	3.70	19.67	30.00	Pass	13.64	12.62	16.17	3.80	19.97	30.00	Pass
VHT160	MCS0	2	6985	15.40	14.79	18.12	3.70	21.82	30.00	Pass	15.43	14.67	18.08	3.80	21.88	30.00	Pass

U-NII-8 Band straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT40	MCS0	2	6885	9.54	9.00	12.29	3.70	15.99	30.00	Pass	9.70	8.70	12.24	3.80	16.04	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

<TXBF Mode>

TEST RESULTS DATA
EIRP Power Table

UNII-5 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	5955	4.86	4.64	7.76	6.71	14.47	30.00	Pass	5.65	4.64	8.15	6.81	14.96	30.00	Pass
11a	6Mbps	2	6175	5.44	4.67	8.08	6.71	14.79	30.00	Pass	5.86	4.67	8.28	6.81	15.09	30.00	Pass
11a	6Mbps	2	6415	5.57	4.82	8.22	6.71	14.93	30.00	Pass	5.51	4.71	8.14	6.81	14.95	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

UNII-6 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	6435	6.12	5.36	8.77	6.71	15.48	30.00	Pass	6.03	5.26	8.67	6.81	15.48	30.00	Pass
11a	6Mbps	2	6475	6.08	5.21	8.68	6.71	15.39	30.00	Pass	5.97	5.21	8.62	6.81	15.43	30.00	Pass
11a	6Mbps	2	6515	5.91	5.07	8.52	6.71	15.23	30.00	Pass	5.86	4.96	8.44	6.81	15.25	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
 Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
 EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

UNII-7 Beamforming mode																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	117	6535	5.96	5.14	8.58	6.71	15.29	30.00	Pass	5.95	5.04	8.53	6.81	15.34	30.00	Pass
11a	6Mbps	2	149	6695	5.91	5.42	8.68	6.71	15.39	30.00	Pass	5.92	5.10	8.54	6.81	15.35	30.00	Pass
11a	6Mbps	2	181	6855	6.09	5.31	8.73	6.71	15.44	30.00	Pass	5.99	5.11	8.58	6.81	15.39	30.00	Pass

UNII-7 Beamforming mode straddle channel																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	185	6875	5.89	4.96	8.46	6.71	15.17	30.00	Pass	5.80	4.96	8.41	6.81	15.22	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

UNII-8 Beamforming mode																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	189	6895	6.22	5.30	8.79	6.71	15.50	30.00	Pass	6.09	5.23	8.69	6.81	15.50	30.00	Pass
11a	6Mbps	2	209	6995	6.75	6.01	9.41	6.71	16.12	30.00	Pass	6.57	5.84	9.23	6.81	16.04	30.00	Pass
11a	6Mbps	2	229	7095	7.83	6.88	10.39	6.71	17.10	30.00	Pass	8.14	7.10	10.66	6.81	17.47	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Beamforming mode																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full	6.42	6.19	9.32	6.71	16.03	30.00	Pass	7.10	6.02	9.60	6.81	16.41	30.00	Pass
HE20	MCS0	2	6175	Full	7.07	6.36	9.74	6.71	16.45	30.00	Pass	7.44	6.15	9.85	6.81	16.66	30.00	Pass
HE20	MCS0	2	6415	Full	7.09	6.32	9.73	6.71	16.44	30.00	Pass	7.11	6.19	9.68	6.81	16.49	30.00	Pass
HE40	MCS0	2	5965	Full	8.80	9.03	11.93	6.71	18.64	30.00	Pass	10.39	8.93	12.73	6.81	19.54	30.00	Pass
HE40	MCS0	2	6165	Full	9.35	8.76	12.08	6.71	18.79	30.00	Pass	9.60	8.95	12.30	6.81	19.11	30.00	Pass
HE40	MCS0	2	6405	Full	9.43	8.84	12.16	6.71	18.87	30.00	Pass	9.55	8.76	12.18	6.81	18.99	30.00	Pass
HE80	MCS0	2	5985	Full	11.02	11.61	14.34	6.71	21.05	30.00	Pass	12.88	11.52	15.26	6.81	22.07	30.00	Pass
HE80	MCS0	2	6145	Full	11.95	11.65	14.81	6.71	21.52	30.00	Pass	12.72	11.93	15.35	6.81	22.16	30.00	Pass
HE80	MCS0	2	6385	Full	12.82	12.44	15.64	6.71	22.35	30.00	Pass	13.10	12.18	15.67	6.81	22.48	30.00	Pass
HE160	MCS0	2	6025	Full	14.56	14.75	17.67	6.71	24.38	30.00	Pass	15.94	14.55	18.31	6.81	25.12	30.00	Pass
HE160	MCS0	2	6185	Full	15.15	14.73	17.96	6.71	24.67	30.00	Pass	15.85	14.93	18.42	6.81	25.23	30.00	Pass
HE160	MCS0	2	6345	Full	15.35	14.74	18.07	6.71	24.78	30.00	Pass	15.72	14.77	18.28	6.81	25.09	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{\text{Max}} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Beamforming mode																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6435	Full	7.15	6.39	9.80	6.71	16.51	30.00	Pass	7.15	6.23	9.72	6.81	16.53	30.00	Pass
HE20	MCS0	2	6475	Full	7.22	6.47	9.87	6.71	16.58	30.00	Pass	7.29	6.29	9.83	6.81	16.64	30.00	Pass
HE20	MCS0	2	6515	Full	6.95	6.11	9.56	6.71	16.27	30.00	Pass	6.89	5.96	9.46	6.81	16.27	30.00	Pass
HE40	MCS0	2	6445	Full	9.50	9.00	12.27	6.71	18.98	30.00	Pass	9.79	8.96	12.41	6.81	19.22	30.00	Pass
HE40	MCS0	2	6485	Full	9.35	8.85	12.12	6.71	18.83	30.00	Pass	9.70	8.84	12.30	6.81	19.11	30.00	Pass
HE80	MCS0	2	6465	Full	12.83	12.44	15.65	6.71	22.36	30.00	Pass	13.14	12.27	15.74	6.81	22.55	30.00	Pass

U-NII-6 Beamforming mode straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE40	MCS0	2	6525	Full	9.83	9.11	12.50	6.71	19.21	30.00	Pass	10.00	9.17	12.62	6.81	19.43	30.00	Pass
HE80	MCS0	2	6545	Full	12.73	12.05	15.41	6.71	22.12	30.00	Pass	13.06	12.00	15.57	6.81	22.38	30.00	Pass
HE160	MCS0	2	6505	Full	15.80	15.28	18.56	6.71	25.27	30.00	Pass	16.06	15.12	18.63	6.81	25.44	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{max} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Beamforming mode																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full	6.98	6.21	9.62	6.71	16.33	30.00	Pass	6.97	6.05	9.54	6.81	16.35	30.00	Pass
HE20	MCS0	2	6695	Full	6.92	6.58	9.76	6.71	16.47	30.00	Pass	6.90	6.16	9.56	6.81	16.37	30.00	Pass
HE20	MCS0	3	6855	Full	7.16	6.52	9.86	6.71	16.57	30.00	Pass	7.10	6.21	9.69	6.81	16.50	30.00	Pass
HE40	MCS0	2	6565	Full	9.71	9.06	12.41	6.71	19.12	30.00	Pass	10.04	9.22	12.66	6.81	19.47	30.00	Pass
HE40	MCS0	2	6685	Full	9.50	9.21	12.37	6.71	19.08	30.00	Pass	9.73	8.92	12.35	6.81	19.16	30.00	Pass
HE40	MCS0	2	6845	Full	9.53	9.14	12.35	6.71	19.06	30.00	Pass	9.50	8.71	12.13	6.81	18.94	30.00	Pass
HE80	MCS0	2	6625	Full	12.52	12.15	15.35	6.71	22.06	30.00	Pass	12.73	11.89	15.34	6.81	22.15	30.00	Pass
HE80	MCS0	2	6705	Full	12.33	12.02	15.19	6.71	21.90	30.00	Pass	12.64	11.90	15.30	6.81	22.11	30.00	Pass
HE80	MCS0	2	6785	Full	12.18	11.67	14.94	6.71	21.65	30.00	Pass	12.70	11.49	15.15	6.81	21.96	30.00	Pass
HE160	MCS0	2	6665	Full	15.55	15.14	18.36	6.71	25.07	30.00	Pass	15.84	14.81	18.37	6.81	25.18	30.00	Pass

U-NII-7 Beamforming mode straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6875	Full	6.99	6.30	9.67	6.71	16.38	30.00	Pass	6.91	6.08	9.53	6.81	16.34	30.00	Pass
HE80	MCS0	2	6865	Full	12.17	11.65	14.93	6.71	21.64	30.00	Pass	12.62	11.73	15.21	6.81	22.02	30.00	Pass
HE160	MCS0	2	6825	Full	15.33	14.83	18.10	6.71	24.81	30.00	Pass	15.50	14.61	18.09	6.81	24.90	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Beamforming mode																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6895	Full	6.89	6.01	9.48	6.71	16.19	30.00	Pass	6.87	5.97	9.45	6.81	16.26	30.00	Pass
HE20	MCS0	2	6995	Full	6.86	6.10	9.51	6.71	16.22	30.00	Pass	6.67	5.93	9.33	6.81	16.14	30.00	Pass
HE20	MCS0	2	7095	Full	7.57	6.65	10.14	6.71	16.85	30.00	Pass	7.79	6.75	10.31	6.81	17.12	30.00	Pass
HE40	MCS0	2	6925	Full	9.65	9.01	12.35	6.71	19.06	30.00	Pass	9.74	8.80	12.31	6.81	19.12	30.00	Pass
HE40	MCS0	2	7005	Full	9.51	9.01	12.28	6.71	18.99	30.00	Pass	9.63	8.79	12.24	6.81	19.05	30.00	Pass
HE40	MCS0	2	7085	Full	10.25	9.58	12.94	6.71	19.65	30.00	Pass	10.72	9.53	13.18	6.81	19.99	30.00	Pass
HE80	MCS0	2	6945	Full	12.37	11.59	15.01	6.71	21.72	30.00	Pass	12.59	11.75	15.20	6.81	22.01	30.00	Pass
HE80	MCS0	2	7025	Full	13.44	12.65	16.07	6.71	22.78	30.00	Pass	13.67	12.78	16.26	6.81	23.07	30.00	Pass
HE160	MCS0	2	6985	Full	15.43	14.83	18.15	6.71	24.86	30.00	Pass	15.47	14.69	18.11	6.81	24.92	30.00	Pass

U-NII-8 Beamforming mode straddle channel																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE40	MCS0	2	6885	Full	9.57	9.04	12.32	6.71	19.03	30.00	Pass	9.76	8.73	12.29	6.81	19.10	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	5955	6.15	5.85	9.01	6.71	15.72	30.00	Pass	6.86	5.78	9.36	6.81	16.17	30.00	Pass
HT20	MCS0	2	6175	6.73	5.94	9.36	6.71	16.07	30.00	Pass	7.10	5.80	9.51	6.81	16.32	30.00	Pass
HT20	MCS0	2	6415	6.91	6.16	9.56	6.71	16.27	30.00	Pass	6.87	6.02	9.48	6.81	16.29	30.00	Pass
HT40	MCS0	2	5965	8.76	9.00	11.89	6.71	18.60	30.00	Pass	10.37	8.90	12.71	6.81	19.52	30.00	Pass
HT40	MCS0	2	6165	9.32	8.72	12.04	6.71	18.75	30.00	Pass	9.58	8.92	12.27	6.81	19.08	30.00	Pass
HT40	MCS0	2	6405	9.41	8.80	12.13	6.71	18.84	30.00	Pass	9.50	8.73	12.14	6.81	18.95	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6435	6.91	6.16	9.56	6.71	16.27	30.00	Pass	6.92	6.06	9.52	6.81	16.33	30.00	Pass
HT20	MCS0	2	6475	6.86	6.10	9.51	6.71	16.22	30.00	Pass	6.94	5.98	9.50	6.81	16.31	30.00	Pass
HT20	MCS0	2	6515	6.63	5.82	9.25	6.71	15.96	30.00	Pass	6.56	5.70	9.16	6.81	15.97	30.00	Pass
HT40	MCS0	2	6445	9.47	8.90	12.20	6.71	18.91	30.00	Pass	9.71	8.92	12.34	6.81	19.15	30.00	Pass
HT40	MCS0	2	6485	9.30	8.80	12.07	6.71	18.78	30.00	Pass	9.63	8.81	12.25	6.81	19.06	30.00	Pass

U-NII-6 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT40	MCS0	2	6525	9.80	9.06	12.46	6.71	19.17	30.00	Pass	9.92	9.15	12.56	6.81	19.37	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6535	6.69	5.91	9.33	6.71	16.04	30.00	Pass	6.67	5.79	9.26	6.81	16.07	30.00	Pass
HT20	MCS0	2	6695	6.65	6.26	9.47	6.71	16.18	30.00	Pass	6.58	5.82	9.23	6.81	16.04	30.00	Pass
HT20	MCS0	3	6855	6.85	6.15	9.52	6.71	16.23	30.00	Pass	6.77	5.92	9.38	6.81	16.19	30.00	Pass
HT40	MCS0	2	6565	9.67	9.03	12.37	6.71	19.08	30.00	Pass	10.01	9.19	12.63	6.81	19.44	30.00	Pass
HT40	MCS0	2	6685	9.45	9.17	12.32	6.71	19.03	30.00	Pass	9.70	8.89	12.32	6.81	19.13	30.00	Pass
HT40	MCS0	2	6845	9.48	9.10	12.30	6.71	19.01	30.00	Pass	9.48	8.69	12.11	6.81	18.92	30.00	Pass

U-NII-7 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6875	6.72	5.98	9.38	6.71	16.09	30.00	Pass	6.61	5.79	9.23	6.81	16.04	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	6895	6.70	5.77	9.27	6.71	15.98	30.00	Pass	6.51	5.64	9.11	6.81	15.92	30.00	Pass
HT20	MCS0	2	6995	6.58	5.87	9.25	6.71	15.96	30.00	Pass	6.50	5.78	9.17	6.81	15.98	30.00	Pass
HT20	MCS0	2	7095	7.43	6.39	9.95	6.71	16.66	30.00	Pass	7.50	6.65	10.11	6.81	16.92	30.00	Pass
HT40	MCS0	2	6925	9.63	8.96	12.32	6.71	19.03	30.00	Pass	9.71	8.77	12.28	6.81	19.09	30.00	Pass
HT40	MCS0	2	7005	9.49	8.97	12.25	6.71	18.96	30.00	Pass	9.60	8.77	12.22	6.81	19.03	30.00	Pass
HT40	MCS0	2	7085	10.23	9.55	12.91	6.71	19.62	30.00	Pass	10.69	9.50	13.15	6.81	19.96	30.00	Pass

U-NII-8 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT40	MCS0	2	6885	9.54	9.00	12.29	6.71	19.00	30.00	Pass	9.70	8.70	12.24	6.81	19.05	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	5955	6.21	5.92	9.08	6.71	15.79	30.00	Pass	6.92	5.85	9.43	6.81	16.24	30.00	Pass
VHT20	MCS0	2	6175	6.81	6.01	9.44	6.71	16.15	30.00	Pass	7.16	5.89	9.58	6.81	16.39	30.00	Pass
VHT20	MCS0	2	6415	6.80	6.01	9.43	6.71	16.14	30.00	Pass	6.88	6.03	9.49	6.81	16.30	30.00	Pass
VHT40	MCS0	2	5965	8.75	8.97	11.87	6.71	18.58	30.00	Pass	10.37	8.85	12.69	6.81	19.50	30.00	Pass
VHT40	MCS0	2	6165	9.31	8.69	12.02	6.71	18.73	30.00	Pass	9.56	8.93	12.27	6.81	19.08	30.00	Pass
VHT40	MCS0	2	6405	9.40	8.80	12.12	6.71	18.83	30.00	Pass	9.50	8.71	12.13	6.81	18.94	30.00	Pass
VHT80	MCS0	2	5985	10.89	11.57	14.25	6.71	20.96	30.00	Pass	12.85	11.48	15.23	6.81	22.04	30.00	Pass
VHT80	MCS0	2	6145	11.86	11.59	14.74	6.71	21.45	30.00	Pass	12.67	11.87	15.30	6.81	22.11	30.00	Pass
VHT80	MCS0	2	6385	12.74	12.35	15.56	6.71	22.27	30.00	Pass	12.98	12.15	15.60	6.81	22.41	30.00	Pass
VHT160	MCS0	2	6025	14.53	14.73	17.64	6.71	24.35	30.00	Pass	15.91	14.53	18.28	6.81	25.09	30.00	Pass
VHT160	MCS0	2	6185	15.12	14.70	17.93	6.71	24.64	30.00	Pass	15.82	14.89	18.39	6.81	25.20	30.00	Pass
VHT160	MCS0	2	6345	15.33	14.72	18.05	6.71	24.76	30.00	Pass	15.68	14.73	18.24	6.81	25.05	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-6 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6435	6.94	6.18	9.59	6.71	16.30	30.00	Pass	6.95	6.06	9.54	6.81	16.35	30.00	Pass
VHT20	MCS0	2	6475	6.88	6.12	9.53	6.71	16.24	30.00	Pass	6.95	6.00	9.51	6.81	16.32	30.00	Pass
VHT20	MCS0	2	6515	6.68	5.84	9.29	6.71	16.00	30.00	Pass	6.60	5.71	9.19	6.81	16.00	30.00	Pass
VHT40	MCS0	2	6445	9.48	8.95	12.23	6.71	18.94	30.00	Pass	9.76	8.92	12.37	6.81	19.18	30.00	Pass
VHT40	MCS0	2	6485	9.31	8.83	12.09	6.71	18.80	30.00	Pass	9.65	8.81	12.26	6.81	19.07	30.00	Pass
VHT80	MCS0	2	6465	12.77	12.37	15.58	6.71	22.29	30.00	Pass	13.08	12.20	15.67	6.81	22.48	30.00	Pass

U-NII-6 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT40	MCS0	2	6525	9.81	9.08	12.47	6.71	19.18	30.00	Pass	9.96	9.13	12.58	6.81	19.39	30.00	Pass
VHT80	MCS0	2	6545	12.60	11.96	15.30	6.71	22.01	30.00	Pass	13.00	11.97	15.53	6.81	22.34	30.00	Pass
VHT160	MCS0	2	6505	15.78	15.25	18.53	6.71	25.24	30.00	Pass	16.01	15.10	18.59	6.81	25.40	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6535	6.77	5.93	9.38	6.71	16.09	30.00	Pass	6.68	5.81	9.28	6.81	16.09	30.00	Pass
VHT20	MCS0	2	6695	6.59	6.13	9.38	6.71	16.09	30.00	Pass	6.51	5.81	9.18	6.81	15.99	30.00	Pass
VHT20	MCS0	3	6855	6.76	6.02	9.42	6.71	16.13	30.00	Pass	6.65	5.85	9.28	6.81	16.09	30.00	Pass
VHT40	MCS0	2	6565	9.69	9.02	12.38	6.71	19.09	30.00	Pass	9.99	9.18	12.61	6.81	19.42	30.00	Pass
VHT40	MCS0	2	6685	9.46	9.15	12.32	6.71	19.03	30.00	Pass	9.70	8.86	12.31	6.81	19.12	30.00	Pass
VHT40	MCS0	2	6845	9.49	9.08	12.30	6.71	19.01	30.00	Pass	9.47	8.67	12.10	6.81	18.91	30.00	Pass
VHT80	MCS0	2	6625	12.38	11.95	15.18	6.71	21.89	30.00	Pass	12.69	11.79	15.27	6.81	22.08	30.00	Pass
VHT80	MCS0	2	6705	12.15	11.95	15.06	6.71	21.77	30.00	Pass	12.61	11.79	15.23	6.81	22.04	30.00	Pass
VHT80	MCS0	2	6785	12.09	11.65	14.89	6.71	21.60	30.00	Pass	12.67	11.46	15.12	6.81	21.93	30.00	Pass
VHT160	MCS0	2	6665	15.50	15.12	18.32	6.71	25.03	30.00	Pass	15.80	14.78	18.33	6.81	25.14	30.00	Pass

U-NII-7 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6875	6.60	5.86	9.26	6.71	15.97	30.00	Pass	6.50	5.70	9.13	6.81	15.94	30.00	Pass
VHT80	MCS0	2	6865	12.14	11.57	14.87	6.71	21.58	30.00	Pass	12.51	11.65	15.11	6.81	21.92	30.00	Pass
VHT160	MCS0	2	6825	15.29	14.80	18.06	6.71	24.77	30.00	Pass	15.48	14.59	18.07	6.81	24.88	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-8 Beamforming mode																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT20	MCS0	2	6885	6.70	5.80	9.28	6.71	15.99	30.00	Pass	6.55	5.70	9.16	6.81	15.97	30.00	Pass
VHT20	MCS0	2	6995	6.59	5.81	9.23	6.71	15.94	30.00	Pass	6.38	5.64	9.04	6.81	15.85	30.00	Pass
VHT20	MCS0	2	7095	7.42	6.38	9.94	6.71	16.65	30.00	Pass	7.51	6.64	10.11	6.81	16.92	30.00	Pass
VHT40	MCS0	2	6925	9.62	8.97	12.32	6.71	19.03	30.00	Pass	9.70	8.78	12.27	6.81	19.08	30.00	Pass
VHT40	MCS0	2	7005	9.46	8.95	12.22	6.71	18.93	30.00	Pass	9.59	8.75	12.20	6.81	19.01	30.00	Pass
VHT40	MCS0	2	7085	10.23	9.52	12.90	6.71	19.61	30.00	Pass	10.66	9.50	13.13	6.81	19.94	30.00	Pass
VHT80	MCS0	2	6945	12.31	11.49	14.93	6.71	21.64	30.00	Pass	12.54	11.62	15.11	6.81	21.92	30.00	Pass
VHT80	MCS0	2	7025	13.35	12.53	15.97	6.71	22.68	30.00	Pass	13.64	12.62	16.17	6.81	22.98	30.00	Pass
VHT160	MCS0	2	6985	15.40	14.79	18.12	6.71	24.83	30.00	Pass	15.43	14.67	18.08	6.81	24.89	30.00	Pass

U-NII-8 Beamforming mode straddle channel																	
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
VHT40	MCS0	2	6885	9.54	9.00	12.29	6.71	19.00	30.00	Pass	9.70	8.70	12.24	6.81	19.05	30.00	Pass

Note:

- The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another. Each polarization has 2 antenna
- Directional Gain = $G_{MAX} + \text{Array Gain}$
Array Gain = 0 dBi for Nant <= 4 in CDD mode.
- One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit



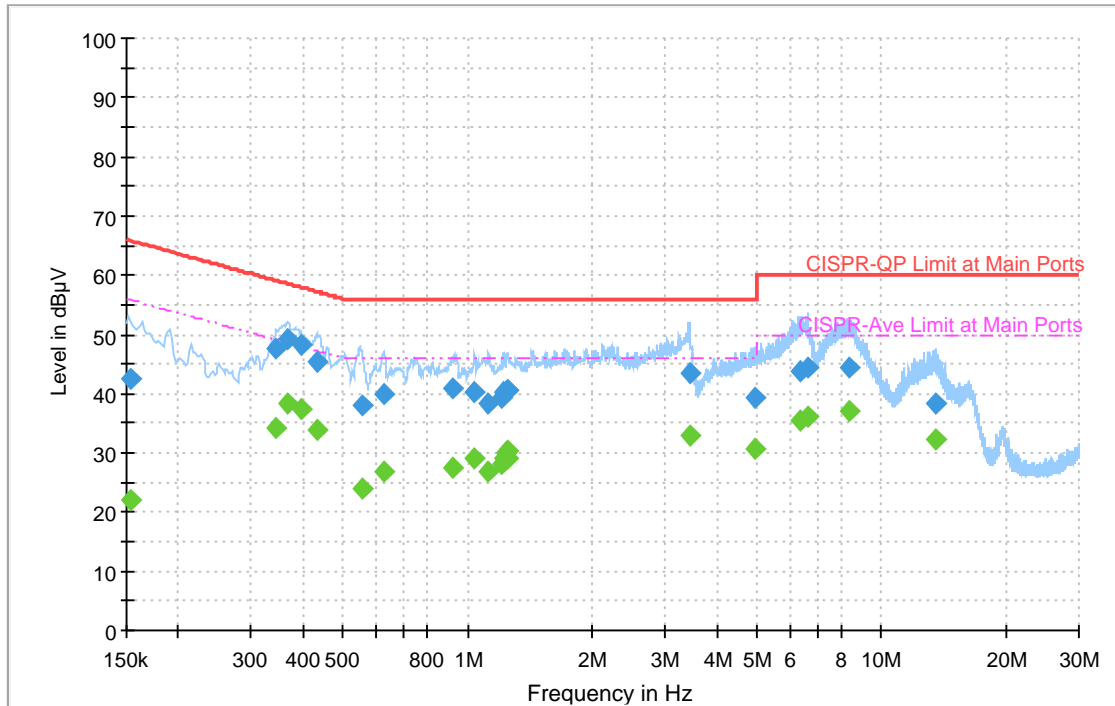
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Paul Lin	Temperature :	18~21°C
		Relative Humidity :	42~45%

EUT Information

Test Site Location : CO01-CA
 Power: 120Vac/60Hz
 Mode: 1
 Type: Line

Full Spectrum



Final Result

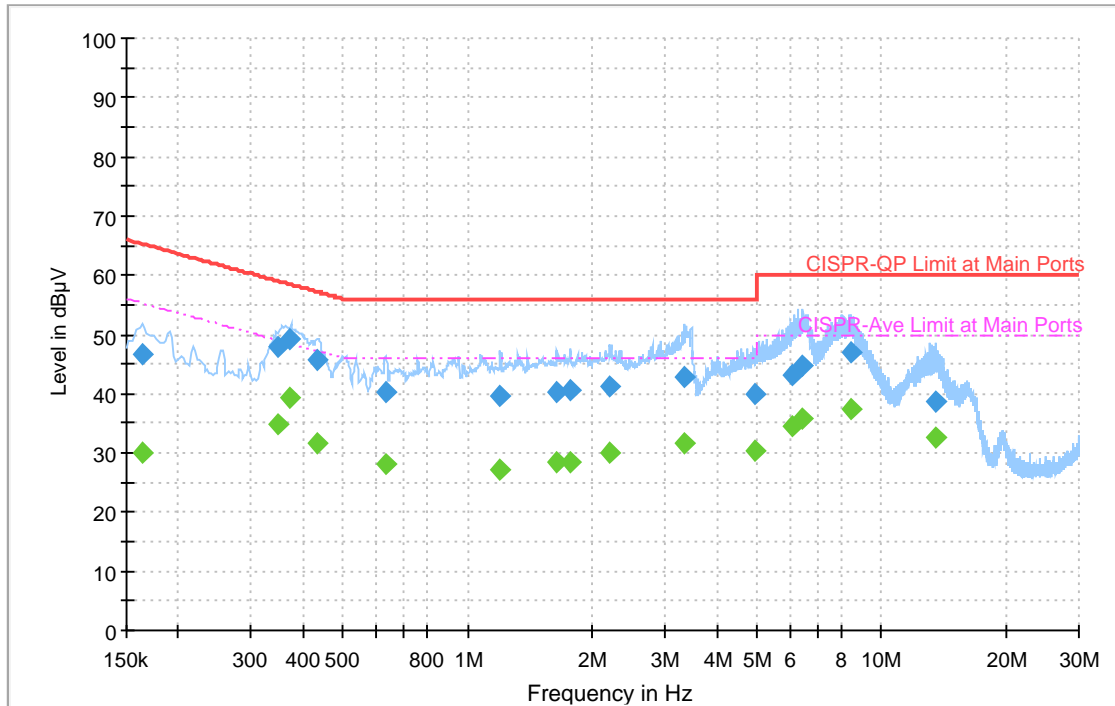
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152842	---	22.07	55.84	33.77	L1	OFF	20.3
0.152842	42.47	---	65.84	23.37	L1	OFF	20.3
0.344679	---	34.08	49.09	15.01	L1	OFF	20.3
0.344679	47.68	---	59.09	11.41	L1	OFF	20.3
0.368988	---	38.28	48.52	10.24	L1	OFF	20.3
0.368988	49.25	---	58.52	9.27	L1	OFF	20.3
0.395673	---	37.35	47.94	10.59	L1	OFF	20.3
0.395673	48.33	---	57.94	9.61	L1	OFF	20.3
0.431682	---	33.88	47.22	13.34	L1	OFF	20.3
0.431682	45.30	---	57.22	11.92	L1	OFF	20.3
0.554001	---	24.08	46.00	21.92	L1	OFF	20.3
0.554001	37.99	---	56.00	18.01	L1	OFF	20.3
0.624975	---	26.87	46.00	19.13	L1	OFF	20.3
0.624975	39.81	---	56.00	16.19	L1	OFF	20.3
0.921750	---	27.42	46.00	18.58	L1	OFF	20.3
0.921750	40.99	---	56.00	15.01	L1	OFF	20.3
1.037688	---	29.05	46.00	16.95	L1	OFF	20.3
1.037688	40.23	---	56.00	15.77	L1	OFF	20.3
1.120443	---	26.86	46.00	19.14	L1	OFF	20.3
1.120443	38.19	---	56.00	17.81	L1	OFF	20.3
1.212459	---	28.21	46.00	17.79	L1	OFF	20.3

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
1.212459	39.44	---	56.00	16.56	L1	OFF	20.3
1.226589	---	28.92	46.00	17.08	L1	OFF	20.3
1.226589	40.12	---	56.00	15.88	L1	OFF	20.3
1.236498	---	29.92	46.00	16.08	L1	OFF	20.3
1.236498	40.32	---	56.00	15.68	L1	OFF	20.3
1.244814	---	30.43	46.00	15.57	L1	OFF	20.3
1.244814	40.65	---	56.00	15.35	L1	OFF	20.3
1.244904	---	29.20	46.00	16.80	L1	OFF	20.3
1.244904	40.50	---	56.00	15.50	L1	OFF	20.3
3.431787	---	32.95	46.00	13.05	L1	OFF	20.4
3.431787	43.40	---	56.00	12.60	L1	OFF	20.4
4.930359	---	30.75	46.00	15.25	L1	OFF	20.4
4.930359	39.17	---	56.00	16.83	L1	OFF	20.4
6.328041	---	35.54	50.00	14.46	L1	OFF	20.4
6.328041	43.91	---	60.00	16.09	L1	OFF	20.4
6.612828	---	36.14	50.00	13.86	L1	OFF	20.4
6.612828	44.35	---	60.00	15.65	L1	OFF	20.4
8.328966	---	36.93	50.00	13.07	L1	OFF	20.5
8.328966	44.33	---	60.00	15.67	L1	OFF	20.5
13.504650	---	32.27	50.00	17.73	L1	OFF	20.5
13.504650	38.47	---	60.00	21.53	L1	OFF	20.5

EUT Information

Test Site Location : CO01-CA
 Power: 120Vac/60Hz
 Mode: 1
 Type: Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.164013	---	30.02	55.26	25.24	N	OFF	20.2
0.164013	46.57	---	65.26	18.69	N	OFF	20.2
0.346686	---	34.68	49.04	14.36	N	OFF	20.3
0.346686	47.93	---	59.04	11.11	N	OFF	20.3
0.371220	---	39.19	48.47	9.28	N	OFF	20.3
0.371220	49.18	---	58.47	9.29	N	OFF	20.3
0.431466	---	31.61	47.22	15.61	N	OFF	20.3
0.431466	45.58	---	57.22	11.64	N	OFF	20.3
0.634965	---	28.24	46.00	17.76	N	OFF	20.3
0.634965	40.28	---	56.00	15.72	N	OFF	20.3
1.201767	---	27.19	46.00	18.81	N	OFF	20.3
1.201767	39.64	---	56.00	16.36	N	OFF	20.3
1.643937	---	28.28	46.00	17.72	N	OFF	20.3
1.643937	40.41	---	56.00	15.59	N	OFF	20.3
1.769316	---	28.56	46.00	17.44	N	OFF	20.3
1.769316	40.70	---	56.00	15.30	N	OFF	20.3
2.210307	---	29.92	46.00	16.08	N	OFF	20.3
2.210307	41.21	---	56.00	14.79	N	OFF	20.3
3.341571	---	31.60	46.00	14.40	N	OFF	20.3
3.341571	42.83	---	56.00	13.17	N	OFF	20.3
4.944102	---	30.33	46.00	15.67	N	OFF	20.4

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
4.944102	39.82	---	56.00	16.18	N	OFF	20.4
6.084978	---	34.41	50.00	15.59	N	OFF	20.4
6.084978	43.29	---	60.00	16.71	N	OFF	20.4
6.428850	---	35.93	50.00	14.07	N	OFF	20.4
6.428850	44.78	---	60.00	15.22	N	OFF	20.4
8.447487	---	37.29	50.00	12.71	N	OFF	20.4
8.447487	46.85	---	60.00	13.15	N	OFF	20.4
13.513740	---	32.58	50.00	17.42	N	OFF	20.5
13.513740	38.75	---	60.00	21.25	N	OFF	20.5



Appendix C. Radiated Spurious Emission

Test Engineer :	Michael Bui and Daniel Lee	Temperature :	20~23.1°C
		Relative Humidity :	40~43.2%

<CDD Mode>

MIMO <Ant. E+F+G+H>

UNII-5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 01 5955MHz		5922.58	63.25	-24.95	88.2	48.98	32.52	11.99	30.24	376	292	P	H	
		5922.02	54.07	-14.13	68.2	39.8	32.52	11.99	30.24	376	292	A	H	
	*	5955	122.84	-	-	108.5	32.56	12.03	30.25	376	292	P	H	
	*	5955	114.53	-	-	100.19	32.56	12.03	30.25	376	292	A	H	
			5923.98	67.75	-20.45	88.2	53.37	32.63	11.99	30.24	220	76	P	V
			5925	59.16	-9.04	68.2	44.78	32.63	11.99	30.24	220	76	A	V
	*		5955	123.12	-	-	108.69	32.65	12.03	30.25	220	76	P	V
	*		5955	114.85	-	-	100.42	32.65	12.03	30.25	220	76	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 01 5955MHz		11910	53.79	-20.21	74	64.75	39.23	17.57	67.76	187	292	P	H	
		11910	44.68	-9.32	54	55.64	39.23	17.57	67.76	187	292	A	H	
		13340	50.4	-23.6	74	59.87	39.47	18.77	67.71	-	-	P	H	
		13340	41.99	-12.01	54	51.46	39.47	18.77	67.71	-	-	A	H	
		14490	52.45	-21.55	74	58.66	41.94	19.59	67.74	-	-	P	H	
		14490	43.55	-10.45	54	49.76	41.94	19.59	67.74	-	-	A	H	
		17865	56.62	-17.38	74	57.86	45.82	22.35	69.41	255	220	P	H	
		17865	47.02	-6.98	54	48.26	45.82	22.35	69.41	255	220	A	H	
		18000	60.82	-13.18	74	58.9	48.82	22.52	69.42	-	-	P	H	
		18000	50.22	-3.78	54	48.3	48.82	22.52	69.42	-	-	A	H	
		36480	49.11	-24.89	74	39.44	42.54	21.91	54.78	-	-	P	H	
		36480	39.88	-14.12	54	30.21	42.54	21.91	54.78	-	-	A	H	
		39714	53.11	-20.89	74	37.95	44.78	24.4	54.02	-	-	P	H	
		39714	44.71	-9.29	54	29.55	44.78	24.4	54.02	-	-	A	H	
			11910	52.88	-21.12	74	63.83	39.24	17.57	67.76	299	358	P	V
			11910	43.37	-10.63	54	54.32	39.24	17.57	67.76	299	358	A	V
			13340	50.13	-23.87	74	59.63	39.44	18.77	67.71	-	-	P	V
			13340	42.64	-11.36	54	52.14	39.44	18.77	67.71	-	-	A	V
			14490	52.01	-21.99	74	58.22	41.94	19.59	67.74	-	-	P	V
			14490	43.42	-10.58	54	49.63	41.94	19.59	67.74	-	-	A	V
			17865	57.47	-16.53	74	58.36	46.17	22.35	69.41	258	255	P	V
			17865	47.23	-6.77	54	48.12	46.17	22.35	69.41	258	255	A	V
			18000	60.34	-13.66	74	58.2	49.04	22.52	69.42	-	-	P	V
			18000	50.55	-3.45	54	48.41	49.04	22.52	69.42	-	-	A	V
			36480	48.68	-25.32	74	38.96	42.59	21.91	54.78	-	-	P	V
			36480	39.2	-14.8	54	29.48	42.59	21.91	54.78	-	-	A	V
			39868	53.21	-20.79	74	37.9	44.65	24.5	53.84	-	-	P	V
		39868	45.35	-8.65	54	30.04	44.65	24.5	53.84	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 45 6175MHz		11430	52.98	-21.02	74	63.32	40.13	17.18	67.65	-	-	P	H
		11430	42.72	-11.28	54	53.06	40.13	17.18	67.65	-	-	A	H
		12350	57.97	-16.03	74	68.41	38.89	17.92	67.25	156	268	P	H
		12350	49.37	-4.63	54	59.81	38.89	17.92	67.25	156	268	A	H
		13360	53.13	-20.87	74	62.49	39.54	18.79	67.69	-	-	P	H
		13360	43.58	-10.42	54	52.94	39.54	18.79	67.69	-	-	A	H
		14490	53.91	-20.09	74	60.3	41.76	19.59	67.74	-	-	P	H
		14490	43.41	-10.59	54	49.8	41.76	19.59	67.74	-	-	A	H
		18000	61.13	-12.87	74	59.6	48.43	22.52	69.42	-	-	P	H
		18000	50.03	-3.97	54	48.5	48.43	22.52	69.42	-	-	A	H
		18525	40.9	-33.1	74	42.5	37.72	13.19	52.51	-	-	P	H
		36480	48.91	-25.09	74	39.24	42.54	21.91	54.78	-	-	P	H
		36480	39.73	-14.27	54	30.06	42.54	21.91	54.78	-	-	A	H
		39802	53.45	-20.55	74	37.46	44.83	24.46	53.3	-	-	P	H
		39802	46.41	-7.59	54	30.42	44.83	24.46	53.3	-	-	A	H
		11490	52.3	-21.7	74	62.43	40.24	17.23	67.6	-	-	P	V
		11490	42.64	-11.36	54	52.77	40.24	17.23	67.6	-	-	A	V
		12350	55.03	-18.97	74	65.31	39.05	17.92	67.25	100	302	P	V
		12350	46.83	-7.17	54	57.11	39.05	17.92	67.25	100	302	A	V
		13370	52.38	-21.62	74	61.7	39.58	18.79	67.69	-	-	P	V
		13370	43.31	-10.69	54	52.63	39.58	18.79	67.69	-	-	A	V
		14500	53.73	-20.27	74	60.2	41.66	19.6	67.73	-	-	P	V
		14500	43.13	-10.87	54	49.6	41.66	19.6	67.73	-	-	A	V
		17980	60.62	-13.38	74	59.99	47.55	22.5	69.42	-	-	P	V
		17980	49.24	-4.76	54	48.61	47.55	22.5	69.42	-	-	A	V
		18525	44.12	-29.88	74	45.71	37.73	13.19	52.51	-	-	P	V
		36480	48.83	-25.17	74	39.11	42.59	21.91	54.78	-	-	P	V
		36480	39.48	-14.52	54	29.76	42.59	21.91	54.78	-	-	A	V
		39846	53.37	-20.63	74	37.9	44.64	24.49	53.66	-	-	P	V
		39846	46	-8	54	30.53	44.64	24.49	53.66	-	-	A	V



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 93 6415MHz		11580	49.39	-24.61	74	59.68	40.02	17.31	67.62	-	-	P	H	
		11580	41.93	-12.07	54	52.22	40.02	17.31	67.62	-	-	A	H	
		12830	57.25	-30.95	88.2	67.58	38.9	18.37	67.6	-	-	P	H	
		13310	50.04	-23.96	74	59.66	39.36	18.74	67.72	-	-	P	H	
		13310	42.27	-11.73	54	51.89	39.36	18.74	67.72	-	-	A	H	
		14490	51.59	-22.41	74	57.8	41.94	19.59	67.74	-	-	P	H	
		14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	H	
		18000	60.35	-13.65	74	58.43	48.82	22.52	69.42	-	-	P	H	
		18000	50.52	-3.48	54	48.6	48.82	22.52	69.42	-	-	A	H	
		19245	38.62	-35.38	74	40.18	37.62	13.53	52.71	-	-	P	H	
		36480	49	-25	74	39.33	42.54	21.91	54.78	-	-	P	H	
		36480	39.74	-14.26	54	30.07	42.54	21.91	54.78	-	-	A	H	
		39802	53.58	-20.42	74	37.59	44.83	24.46	53.3	-	-	P	H	
		39802	46.61	-7.39	54	30.62	44.83	24.46	53.3	-	-	A	H	
			11000	49.47	-24.53	74	60.55	40.09	16.85	68.02	-	-	P	V
			11000	40.66	-13.34	54	51.74	40.09	16.85	68.02	-	-	A	V
			12830	53.87	-34.33	88.2	64.18	38.92	18.37	67.6	-	-	P	V
			13270	49.97	-24.03	74	59.8	39.22	18.7	67.75	-	-	P	V
			13270	42.41	-11.59	54	52.24	39.22	18.7	67.75	-	-	A	V
			14490	51.46	-22.54	74	57.67	41.94	19.59	67.74	-	-	P	V
			14490	43.62	-10.38	54	49.83	41.94	19.59	67.74	-	-	A	V
			18000	60.7	-13.3	74	58.56	49.04	22.52	69.42	-	-	P	V
			18000	49.94	-4.06	54	47.8	49.04	22.52	69.42	-	-	A	V
			19245	47.63	-26.37	74	49.1	37.71	13.53	52.71	-	-	P	V
			36480	47.95	-26.05	74	38.23	42.59	21.91	54.78	-	-	P	V
			39802	53.37	-20.63	74	37.58	44.63	24.46	53.3	-	-	P	V
			39802	46.31	-7.69	54	30.52	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 01 5955MHz		5921.46	61.91	-26.29	88.2	47.64	32.52	11.99	30.24	381	292	P	H	
		5921.46	53.66	-14.54	68.2	39.39	32.52	11.99	30.24	381	292	A	H	
	*	5955	122.56	-	-	108.22	32.56	12.03	30.25	381	292	P	H	
	*	5955	112.89	-	-	98.55	32.56	12.03	30.25	381	292	A	H	
			5923.98	67.59	-20.61	88.2	53.21	32.63	11.99	30.24	172	68	P	V
			5924.68	57.6	-10.6	68.2	43.22	32.63	11.99	30.24	172	68	A	V
	*		5955	124.01	-	-	109.58	32.65	12.03	30.25	172	68	P	V
	*		5955	114.27	-	-	99.84	32.65	12.03	30.25	172	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**UNII-5 5925~6425MHz
WIFI 802.11ax HE20 Partial RU 52 (Band Edge @ 3m)**

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Partial RU 52_52_52_52 CH 01 5955MHz		5847.12	57.11	-31.09	88.2	40.66	34.23	12.69	30.47	235	90	P	H	
		5923.98	46.44	-21.76	68.2	29.94	34.22	12.78	30.5	235	90	A	H	
	*	5955	106.71	-	-	90.21	34.2	12.81	30.51	235	90	P	H	
	*	5955	98.96	-	-	82.46	34.2	12.81	30.51	235	90	A	H	
													H	
													H	
			5919.64	56.36	-31.84	88.2	39.87	34.22	12.77	30.5	287	240	P	V
			5918.38	46.39	-21.81	68.2	29.89	34.23	12.77	30.5	287	240	A	V
	*		5955	106.61	-	-	90.11	34.2	12.81	30.51	287	240	P	V
	*		5955	99.34	-	-	82.84	34.2	12.81	30.51	287	240	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 01 5955MHz		11910	53.23	-20.77	74	64.19	39.23	17.57	67.76	189	291	P	H	
		11910	43.79	-10.21	54	54.75	39.23	17.57	67.76	189	291	A	H	
		13370	50.02	-23.98	74	59.35	39.57	18.79	67.69	-	-	P	H	
		13370	42.83	-11.17	54	52.16	39.57	18.79	67.69	-	-	A	H	
		14490	51.39	-22.61	74	57.6	41.94	19.59	67.74	-	-	P	H	
		14490	43.42	-10.58	54	49.63	41.94	19.59	67.74	-	-	A	H	
		17865	57.96	-16.04	74	59.2	45.82	22.35	69.41	252	200	P	H	
		17865	46.87	-7.13	54	48.11	45.82	22.35	69.41	252	200	A	H	
		18000	60.87	-13.13	74	58.95	48.82	22.52	69.42	-	-	P	H	
		18000	50.18	-3.82	54	48.26	48.82	22.52	69.42	-	-	A	H	
		36480	48.97	-25.03	74	39.3	42.54	21.91	54.78	-	-	P	H	
		36480	39.68	-14.32	54	30.01	42.54	21.91	54.78	-	-	A	H	
		39824	53.61	-20.39	74	37.78	44.84	24.47	53.48	-	-	P	H	
		39824	45.42	-8.58	54	29.59	44.84	24.47	53.48	-	-	A	H	
			11910	52.51	-21.49	74	63.46	39.24	17.57	67.76	298	357	P	V
			11910	42.24	-11.76	54	53.19	39.24	17.57	67.76	298	357	A	V
			13360	49.57	-24.43	74	58.95	39.52	18.79	67.69	-	-	P	V
			13360	42.95	-11.05	54	52.33	39.52	18.79	67.69	-	-	A	V
			14480	52.99	-21.01	74	59.23	41.92	19.59	67.75	-	-	P	V
			14480	43.33	-10.67	54	49.57	41.92	19.59	67.75	-	-	A	V
			17865	57.37	-16.63	74	58.26	46.17	22.35	69.41	341	165	P	V
			17865	47.26	-6.74	54	48.15	46.17	22.35	69.41	341	165	A	V
			18000	59.39	-14.61	74	57.25	49.04	22.52	69.42	-	-	P	V
		18000	50.48	-3.52	54	48.34	49.04	22.52	69.42	-	-	A	V	
		36480	48.29	-25.71	74	38.57	42.59	21.91	54.78	-	-	P	V	
		36480	39.77	-14.23	54	30.05	42.59	21.91	54.78	-	-	A	V	
		39868	53.93	-20.07	74	38.62	44.65	24.5	53.84	-	-	P	V	
		39868	45.51	-8.49	54	30.2	44.65	24.5	53.84	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 45 6175MHz		11490	52.34	-21.66	74	62.57	40.14	17.23	67.6	-	-	P	H
		11490	42.14	-11.86	54	52.37	40.14	17.23	67.6	-	-	A	H
		12350	58.76	-15.24	74	69.2	38.89	17.92	67.25	162	285	P	H
		12350	49.58	-4.42	54	60.02	38.89	17.92	67.25	162	285	A	H
		13370	52.7	-21.3	74	62.03	39.57	18.79	67.69	-	-	P	H
		13370	43.17	-10.83	54	52.5	39.57	18.79	67.69	-	-	A	H
		14480	54.06	-19.94	74	60.49	41.73	19.59	67.75	-	-	P	H
		14480	43.86	-10.14	54	50.29	41.73	19.59	67.75	-	-	A	H
		18000	62.73	-11.27	74	61.2	48.43	22.52	69.42	-	-	P	H
		18000	50.83	-3.17	54	49.3	48.43	22.52	69.42	-	-	A	H
		18525	39.78	-34.22	74	41.38	37.72	13.19	52.51	-	-	P	H
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H
		36480	39.82	-14.18	54	30.15	42.54	21.91	54.78	-	-	A	H
		39274	53.04	-20.96	74	38.76	44.47	24.1	54.29	-	-	P	H
		39274	44.34	-9.66	54	30.06	44.47	24.1	54.29	-	-	A	H
		11440	53.07	-20.93	74	63.34	40.18	17.19	67.64	-	-	P	V
		11440	42.13	-11.87	54	52.4	40.18	17.19	67.64	-	-	A	V
		12350	54.76	-19.24	74	65.04	39.05	17.92	67.25	100	300	P	V
		12350	46.92	-7.08	54	57.2	39.05	17.92	67.25	100	300	A	V
		13270	52.74	-21.26	74	62.6	39.19	18.7	67.75	-	-	P	V
		13270	42.8	-11.2	54	52.66	39.19	18.7	67.75	-	-	A	V
		14500	54.13	-19.87	74	60.6	41.66	19.6	67.73	-	-	P	V
		14500	44.33	-9.67	54	50.8	41.66	19.6	67.73	-	-	A	V
		17980	62.92	-11.08	74	62.29	47.55	22.5	69.42	-	-	P	V
		17980	50.32	-3.68	54	49.69	47.55	22.5	69.42	-	-	A	V
		18525	44.92	-29.08	74	46.51	37.73	13.19	52.51	-	-	P	V
		36480	49.28	-24.72	74	39.56	42.59	21.91	54.78	-	-	P	V
		36480	39.49	-14.51	54	29.77	42.59	21.91	54.78	-	-	A	V
	39868	53.33	-20.67	74	38.02	44.65	24.5	53.84	-	-	P	V	
	39868	45.64	-8.36	54	30.33	44.65	24.5	53.84	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 03 5965MHz		5922.9	72.83	-15.37	88.2	58.56	32.52	11.99	30.24	232	300	P	H	
		5922.36	64.59	-3.61	68.2	50.32	32.52	11.99	30.24	232	300	A	H	
	*	5965	122.18	-	-	107.8	32.59	12.04	30.25	232	300	P	H	
	*	5965	113.21	-	-	98.83	32.59	12.04	30.25	232	300	A	H	
			5909.22	77.47	-10.73	88.2	63.12	32.61	11.97	30.23	180	76	P	V
			5925	65.86	-2.34	68.2	51.48	32.63	11.99	30.24	180	76	A	V
	*		5965	123.56	-	-	109.11	32.66	12.04	30.25	180	76	P	V
	*		5965	113.92	-	-	99.47	32.66	12.04	30.25	180	76	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



UNII-5 5925~6425MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 03 5965MHz		11930	48.84	-25.16	74	59.91	39.12	17.58	67.77	156	209	P	H	
		11930	40.71	-13.29	54	51.78	39.12	17.58	67.77	156	209	A	H	
		13370	49.56	-24.44	74	58.89	39.57	18.79	67.69	-	-	P	H	
		13370	43.27	-10.73	54	52.6	39.57	18.79	67.69	-	-	A	H	
		14490	51.29	-22.71	74	57.5	41.94	19.59	67.74	-	-	P	H	
		14490	42.75	-11.25	54	48.96	41.94	19.59	67.74	-	-	A	H	
		17895	57.83	-16.17	74	58.5	46.35	22.39	69.41	244	206	P	H	
		17895	46.23	-7.77	54	46.9	46.35	22.39	69.41	244	206	A	H	
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H	
		18000	49.82	-4.18	54	47.9	48.82	22.52	69.42	-	-	A	H	
		36480	48.77	-25.23	74	39.1	42.54	21.91	54.78	-	-	P	H	
		36480	39.79	-14.21	54	30.12	42.54	21.91	54.78	-	-	A	H	
		39758	53.25	-20.75	74	37.66	44.8	24.43	53.64	-	-	P	H	
		39758	45.67	-8.33	54	30.08	44.8	24.43	53.64	-	-	A	H	
			11930	50.39	-23.61	74	61.45	39.13	17.58	67.77	298	207	P	V
			11930	41.6	-12.4	54	52.66	39.13	17.58	67.77	298	207	A	V
			13260	49.81	-24.19	74	59.68	39.19	18.69	67.75	-	-	P	V
			13260	42.11	-11.89	54	51.98	39.19	18.69	67.75	-	-	A	V
			14490	51.66	-22.34	74	57.87	41.94	19.59	67.74	-	-	P	V
			14490	43.32	-10.68	54	49.53	41.94	19.59	67.74	-	-	A	V
			17895	58.56	-15.44	74	58.89	46.69	22.39	69.41	300	223	P	V
			17895	47.46	-6.54	54	47.79	46.69	22.39	69.41	300	223	A	V
			18000	60.88	-13.12	74	58.74	49.04	22.52	69.42	-	-	P	V
		18000	49.95	-4.05	54	47.81	49.04	22.52	69.42	-	-	A	V	
		36480	48.96	-25.04	74	39.24	42.59	21.91	54.78	-	-	P	V	
		36480	39.67	-14.33	54	29.95	42.59	21.91	54.78	-	-	A	V	
		39758	53.17	-20.83	74	37.76	44.62	24.43	53.64	-	-	P	V	
		39758	45.4	-8.6	54	29.99	44.62	24.43	53.64	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12330	55.09	-18.91	74	65.5	38.96	17.91	67.28	206	301	P	H
		12330	48.24	-5.76	54	58.65	38.96	17.91	67.28	206	301	A	H
		13370	52.24	-21.76	74	61.57	39.57	18.79	67.69	-	-	P	H
		13370	43.23	-10.77	54	52.56	39.57	18.79	67.69	-	-	A	H
		14490	53.34	-20.66	74	59.73	41.76	19.59	67.74	-	-	P	H
		14490	43.28	-10.72	54	49.67	41.76	19.59	67.74	-	-	A	H
		17990	60.46	-13.54	74	59.19	48.18	22.51	69.42	-	-	P	H
		17990	50.89	-3.11	54	49.62	48.18	22.51	69.42	-	-	A	H
		18495	40.5	-33.5	74	42.11	37.72	13.17	52.5	-	-	P	H
		36480	48.23	-25.77	74	38.56	42.54	21.91	54.78	-	-	P	H
		36480	39.35	-14.65	54	29.68	42.54	21.91	54.78	-	-	A	H
		40000	53.16	-20.84	74	37.86	44.94	24.59	54.23	-	-	P	H
		40000	45.36	-8.64	54	30.06	44.94	24.59	54.23	-	-	A	H
802.11ax													
HE40 Full													
CH 43		12330	55.54	-18.46	74	65.8	39.11	17.91	67.28	235	58	P	V
6165MHz		12330	47.57	-6.43	54	57.83	39.11	17.91	67.28	235	58	A	V
		13370	53.54	-20.46	74	62.86	39.58	18.79	67.69	-	-	P	V
		13370	43.65	-10.35	54	52.97	39.58	18.79	67.69	-	-	A	V
		14490	52.25	-21.75	74	58.77	41.63	19.59	67.74	-	-	P	V
		14490	42.66	-11.34	54	49.18	41.63	19.59	67.74	-	-	A	V
		17980	60.72	-13.28	74	60.09	47.55	22.5	69.42	-	-	P	V
		17980	49.14	-4.86	54	48.51	47.55	22.5	69.42	-	-	A	V
		18495	42.39	-31.61	74	43.99	37.73	13.17	52.5	-	-	P	V
		36480	48.8	-25.2	74	39.08	42.59	21.91	54.78	-	-	P	V
		36480	39.67	-14.33	54	29.95	42.59	21.91	54.78	-	-	A	V
		39934	53.71	-20.29	74	38.63	44.67	24.55	54.14	-	-	P	V
		39934	45.38	-8.62	54	30.3	44.67	24.55	54.14	-	-	A	V



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 91 6405MHz		11420	50.12	-23.88	74	60.56	40.05	17.17	67.66	-	-	P	H	
		11420	41.77	-12.23	54	52.21	40.05	17.17	67.66	-	-	A	H	
		12810	51.82	-36.38	88.2	62.2	38.85	18.34	67.57	-	-	P	H	
		13310	49	-25	74	58.62	39.36	18.74	67.72	-	-	P	H	
		13310	43.42	-10.58	54	53.04	39.36	18.74	67.72	-	-	A	H	
		14490	51.05	-22.95	74	57.26	41.94	19.59	67.74	-	-	P	H	
		14490	43.18	-10.82	54	49.39	41.94	19.59	67.74	-	-	A	H	
		18000	60.34	-13.66	74	58.42	48.82	22.52	69.42	-	-	P	H	
		18000	50.08	-3.92	54	48.16	48.82	22.52	69.42	-	-	A	H	
		19215	39.14	-34.86	74	40.68	37.63	13.53	52.7	-	-	P	H	
		36480	49.56	-24.44	74	39.89	42.54	21.91	54.78	-	-	P	H	
		36480	39.43	-14.57	54	29.76	42.54	21.91	54.78	-	-	A	H	
		39846	53.89	-20.11	74	38.21	44.85	24.49	53.66	-	-	P	H	
		39846	45.72	-8.28	54	30.04	44.85	24.49	53.66	-	-	A	H	
			11190	50.31	-23.69	74	61.48	39.7	16.99	67.86	-	-	P	V
			11190	41.07	-12.93	54	52.24	39.7	16.99	67.86	-	-	A	V
			12810	50.53	-37.67	88.2	60.9	38.86	18.34	67.57	-	-	P	V
			13360	49.48	-24.52	74	58.86	39.52	18.79	67.69	-	-	P	V
			13360	42.4	-11.6	54	51.78	39.52	18.79	67.69	-	-	A	V
			14490	51.57	-22.43	74	57.78	41.94	19.59	67.74	-	-	P	V
			14490	43.71	-10.29	54	49.92	41.94	19.59	67.74	-	-	A	V
			18000	60.81	-13.19	74	58.67	49.04	22.52	69.42	-	-	P	V
			18000	50.4	-3.6	54	48.26	49.04	22.52	69.42	-	-	A	V
			19215	46.53	-27.47	74	47.98	37.72	13.53	52.7	-	-	P	V
			36480	48.42	-25.58	74	38.7	42.59	21.91	54.78	-	-	P	V
			36480	39.34	-14.66	54	29.62	42.59	21.91	54.78	-	-	A	V
		39802	53.64	-20.36	74	37.85	44.63	24.46	53.3	-	-	P	V	
		39802	46.29	-7.71	54	30.5	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 07 5985MHz		5916.84	73.14	-15.06	88.2	58.89	32.51	11.98	30.24	391	72	P	H	
		5916.36	62.55	-5.65	68.2	48.3	32.51	11.98	30.24	391	72	A	H	
	*	5985	119.58	-	-	105.13	32.65	12.06	30.26	391	72	P	H	
	*	5985	110.6	-	-	96.15	32.65	12.06	30.26	391	72	A	H	
			5910.28	75.73	-12.47	88.2	61.38	32.61	11.97	30.23	181	75	P	V
			5911.88	65.95	-2.25	68.2	51.6	32.61	11.97	30.23	181	75	A	V
	*		5985	119.83	-	-	105.37	32.66	12.06	30.26	181	75	P	V
	*		5985	110.54	-	-	96.08	32.66	12.06	30.26	181	75	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



UNII-5 5925~6425MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 07 5985MHz		11970	49.42	-24.58	74	60.45	39.14	17.62	67.79	221	237	P	H	
		11970	41.39	-12.61	54	52.42	39.14	17.62	67.79	221	237	A	H	
		13350	48.07	-25.93	74	57.48	39.51	18.78	67.7	-	-	P	H	
		13350	42.26	-11.74	54	51.67	39.51	18.78	67.7	-	-	A	H	
		14490	51.19	-22.81	74	57.4	41.94	19.59	67.74	-	-	P	H	
		14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	H	
		17955	58.4	-15.6	74	57.71	47.65	22.46	69.42	205	138	P	H	
		17955	48.8	-5.2	54	48.11	47.65	22.46	69.42	205	138	A	H	
		18000	60.87	-13.13	74	58.95	48.82	22.52	69.42	-	-	P	H	
		18000	50.14	-3.86	54	48.22	48.82	22.52	69.42	-	-	A	H	
		36480	48.57	-25.43	74	38.9	42.54	21.91	54.78	-	-	P	H	
		36480	39.32	-14.68	54	29.65	42.54	21.91	54.78	-	-	A	H	
		39956	52.73	-21.27	74	37.42	44.92	24.56	54.17	-	-	P	H	
		39956	45.51	-8.49	54	30.2	44.92	24.56	54.17	-	-	A	H	
			11970	50.08	-23.92	74	61.12	39.13	17.62	67.79	289	307	P	V
			11970	41.29	-12.71	54	52.33	39.13	17.62	67.79	289	307	A	V
			13300	48.59	-25.41	74	58.28	39.3	18.74	67.73	-	-	P	V
			13300	42.38	-11.62	54	52.07	39.3	18.74	67.73	-	-	A	V
			14490	50.66	-23.34	74	56.87	41.94	19.59	67.74	-	-	P	V
			14490	42.77	-11.23	54	48.98	41.94	19.59	67.74	-	-	A	V
			17955	58.01	-15.99	74	56.95	48.02	22.46	69.42	302	204	P	V
			17955	49.61	-4.39	54	48.55	48.02	22.46	69.42	302	204	A	V
			18000	60.35	-13.65	74	58.21	49.04	22.52	69.42	-	-	P	V
			18000	50.51	-3.49	54	48.37	49.04	22.52	69.42	-	-	A	V
			36480	48.68	-25.32	74	38.96	42.59	21.91	54.78	-	-	P	V
			36480	39.5	-14.5	54	29.78	42.59	21.91	54.78	-	-	A	V
			39714	52.92	-21.08	74	37.94	44.6	24.4	54.02	-	-	P	V
		39714	45.09	-8.91	54	30.11	44.6	24.4	54.02	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12290	57.43	-16.57	74	67.8	39.1	17.87	67.34	179	305	P	H
		12290	49.23	-4.77	54	59.6	39.1	17.87	67.34	179	305	A	H
		13380	52.68	-21.32	74	61.96	39.6	18.8	67.68	-	-	P	H
		13380	43.22	-10.78	54	52.5	39.6	18.8	67.68	-	-	A	H
		14490	51.56	-22.44	74	57.95	41.76	19.59	67.74	-	-	P	H
		14490	43.22	-10.78	54	49.61	41.76	19.59	67.74	-	-	A	H
		18000	60.31	-13.69	74	58.78	48.43	22.52	69.42	-	-	P	H
		18000	50.6	-3.4	54	49.07	48.43	22.52	69.42	-	-	A	H
		18435	40.83	-33.17	74	42.49	37.7	13.12	52.48	-	-	P	H
		36480	48.45	-25.55	74	38.78	42.54	21.91	54.78	-	-	P	H
		36480	39.52	-14.48	54	29.85	42.54	21.91	54.78	-	-	A	H
		39846	53.57	-20.43	74	37.89	44.85	24.49	53.66	-	-	P	H
		39846	45.71	-8.29	54	30.03	44.85	24.49	53.66	-	-	A	H
802.11ax													
HE80 Full													
CH 39		12290	53.18	-20.82	74	63.45	39.2	17.87	67.34	284	72	P	V
6145MHz		12290	44.14	-9.86	54	54.41	39.2	17.87	67.34	284	72	A	V
		13360	51.91	-22.09	74	61.26	39.55	18.79	67.69	-	-	P	V
		13360	43.08	-10.92	54	52.43	39.55	18.79	67.69	-	-	A	V
		14490	52.18	-21.82	74	58.7	41.63	19.59	67.74	-	-	P	V
		14490	43.16	-10.84	54	49.68	41.63	19.59	67.74	-	-	A	V
		17930	60.69	-13.31	74	61.24	46.44	22.43	69.42	-	-	P	V
		17930	50.01	-3.99	54	50.56	46.44	22.43	69.42	-	-	A	V
		18435	44.54	-29.46	74	46.18	37.72	13.12	52.48	-	-	P	V
		36480	47.7	-26.3	74	37.98	42.59	21.91	54.78	-	-	P	V
		39824	53.53	-20.47	74	37.9	44.64	24.47	53.48	-	-	P	V
		39824	45.69	-8.31	54	30.06	44.64	24.47	53.48	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



**UNII-5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)**

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5916.52	70.91	-17.29	88.2	56.66	32.51	11.98	30.24	390	75	P	H
		5916.2	62.49	-5.71	68.2	48.24	32.51	11.98	30.24	390	75	A	H
	*	6025	117.06	-	-	102.48	32.75	12.1	30.27	390	75	P	H
	*	6025	107.74	-	-	93.16	32.75	12.1	30.27	390	75	A	H
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Full CH 47 6185MHz		11380	48.74	-25.26	74	59.33	39.96	17.14	67.69	-	-	P	H	
		11380	41.71	-12.29	54	52.3	39.96	17.14	67.69	-	-	A	H	
		12370	46.91	-27.09	74	57.5	38.69	17.94	67.22	-	-	P	H	
		13330	48.15	-25.85	74	57.67	39.43	18.76	67.71	-	-	P	H	
		13330	42.44	-11.56	54	51.96	39.43	18.76	67.71	-	-	A	H	
		14490	50.65	-23.35	74	56.86	41.94	19.59	67.74	-	-	P	H	
		14490	41.86	-12.14	54	48.07	41.94	19.59	67.74	-	-	A	H	
		17990	60.31	-13.69	74	58.66	48.56	22.51	69.42	-	-	P	H	
		17990	50.18	-3.82	54	48.53	48.56	22.51	69.42	-	-	A	H	
		18555	38.44	-35.56	74	40.03	37.71	13.22	52.52	-	-	P	H	
		36480	49.28	-24.72	74	39.61	42.54	21.91	54.78	-	-	P	H	
		36480	39.9	-14.1	54	30.23	42.54	21.91	54.78	-	-	A	H	
		39934	53.1	-20.9	74	37.79	44.9	24.55	54.14	-	-	P	H	
		39934	45.4	-8.6	54	30.09	44.9	24.55	54.14	-	-	A	H	
			11390	49.23	-24.77	74	59.86	39.9	17.15	67.68	-	-	P	V
			11390	41.81	-12.19	54	52.44	39.9	17.15	67.68	-	-	A	V
			12370	46.11	-27.89	74	56.68	38.71	17.94	67.22	-	-	P	V
			13370	48.67	-25.33	74	58.01	39.56	18.79	67.69	-	-	P	V
			13370	41.47	-12.53	54	50.81	39.56	18.79	67.69	-	-	A	V
		14490	50.65	-23.35	74	56.86	41.94	19.59	67.74	-	-	P	V	
		14490	42.9	-11.1	54	49.11	41.94	19.59	67.74	-	-	A	V	
		17970	60.09	-13.91	74	58.66	48.36	22.49	69.42	-	-	P	V	
		17970	50.42	-3.58	54	48.99	48.36	22.49	69.42	-	-	A	V	
		18555	39.18	-34.82	74	40.74	37.74	13.22	52.52	-	-	P	V	
		36480	48.38	-25.62	74	38.66	42.59	21.91	54.78	-	-	P	V	
		36480	40	-14	54	30.28	42.59	21.91	54.78	-	-	A	V	
		40000	53.26	-20.74	74	38.21	44.69	24.59	54.23	-	-	P	V	
		40000	45.38	-8.62	54	30.33	44.69	24.59	54.23	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



UNII-6 - 6425~6525MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 97 6435MHz		11210	49.67	-24.33	74	60.78	39.72	17.01	67.84	-	-	P	H
		11210	40.29	-13.71	54	51.4	39.72	17.01	67.84	-	-	A	H
		12870	56.37	-31.83	88.2	66.66	38.98	18.41	67.68	-	-	P	H
		13370	48.72	-25.28	74	58.05	39.57	18.79	67.69	-	-	P	H
		13370	42.71	-11.29	54	52.04	39.57	18.79	67.69	-	-	A	H
		14490	50.85	-23.15	74	57.06	41.94	19.59	67.74	-	-	P	H
		14490	42.49	-11.51	54	48.7	41.94	19.59	67.74	-	-	A	H
		18000	60.27	-13.73	74	58.35	48.82	22.52	69.42	-	-	P	H
		18000	50.25	-3.75	54	48.33	48.82	22.52	69.42	-	-	A	H
		19305	44.83	-29.17	74	46.43	37.61	13.52	52.73	-	-	P	H
		36480	48.23	-25.77	74	38.56	42.54	21.91	54.78	-	-	P	H
		36480	39.9	-14.1	54	30.23	42.54	21.91	54.78	-	-	A	H
		40000	54.1	-19.9	74	38.8	44.94	24.59	54.23	-	-	P	H
		40000	45.54	-8.46	54	30.24	44.94	24.59	54.23	-	-	A	H
		11410	49.88	-24.12	74	60.44	39.95	17.16	67.67	-	-	P	V
		11410	41.78	-12.22	54	52.34	39.95	17.16	67.67	-	-	A	V
		12870	50.67	-37.53	88.2	60.97	38.97	18.41	67.68	-	-	P	V
		13360	48.47	-25.53	74	57.85	39.52	18.79	67.69	-	-	P	V
		13360	42.38	-11.62	54	51.76	39.52	18.79	67.69	-	-	A	V
		14490	50.76	-23.24	74	56.97	41.94	19.59	67.74	-	-	P	V
		14490	42.69	-11.31	54	48.9	41.94	19.59	67.74	-	-	A	V
		18000	60.56	-13.44	74	58.42	49.04	22.52	69.42	-	-	P	V
		18000	50.37	-3.63	54	48.23	49.04	22.52	69.42	-	-	A	V
		19305	43.27	-30.73	74	44.78	37.7	13.52	52.73	-	-	P	V
		36480	50.12	-23.88	74	40.4	42.59	21.91	54.78	-	-	P	V
		36480	39.95	-14.05	54	30.23	42.59	21.91	54.78	-	-	A	V
		39802	53.66	-20.34	74	37.87	44.63	24.46	53.3	-	-	P	V
		39802	46.16	-7.84	54	30.37	44.63	24.46	53.3	-	-	A	V



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 105 6475MHz		11350	49.52	-24.48	74	60.23	39.9	17.11	67.72	-	-	P	H	
		11350	40.95	-13.05	54	51.66	39.9	17.11	67.72	-	-	A	H	
		12950	54.06	-34.14	88.2	64.44	38.97	18.47	67.82	-	-	P	H	
		13310	47.94	-26.06	74	57.56	39.36	18.74	67.72	-	-	P	H	
		13310	41.77	-12.23	54	51.39	39.36	18.74	67.72	-	-	A	H	
		14490	51.68	-22.32	74	57.89	41.94	19.59	67.74	-	-	P	H	
		14490	43.1	-10.9	54	49.31	41.94	19.59	67.74	-	-	A	H	
		18000	60.17	-13.83	74	58.25	48.82	22.52	69.42	-	-	P	H	
		18000	50.37	-3.63	54	48.45	48.82	22.52	69.42	-	-	A	H	
		19425	41.43	-32.57	74	43.12	37.58	13.49	52.76	-	-	P	H	
		36480	47.93	-26.07	74	38.26	42.54	21.91	54.78	-	-	P	H	
		39736	53.33	-20.67	74	37.96	44.79	24.41	53.83	-	-	P	H	
		39736	45.6	-8.4	54	30.23	44.79	24.41	53.83	-	-	A	H	
			11410	48.78	-25.22	74	59.34	39.95	17.16	67.67	-	-	P	V
			11410	41.09	-12.91	54	51.65	39.95	17.16	67.67	-	-	A	V
			12950	51.31	-36.89	88.2	61.67	38.99	18.47	67.82	-	-	P	V
			13340	48.42	-25.58	74	57.92	39.44	18.77	67.71	-	-	P	V
			13340	41.94	-12.06	54	51.44	39.44	18.77	67.71	-	-	A	V
			14490	50.38	-23.62	74	56.59	41.94	19.59	67.74	-	-	P	V
			14490	42.31	-11.69	54	48.52	41.94	19.59	67.74	-	-	A	V
			18000	60.48	-13.52	74	58.34	49.04	22.52	69.42	-	-	P	V
			18000	49.92	-4.08	54	47.78	49.04	22.52	69.42	-	-	A	V
			19425	40.64	-33.36	74	42.23	37.68	13.49	52.76	-	-	P	V
			36480	49.01	-24.99	74	39.29	42.59	21.91	54.78	-	-	P	V
			36480	40.35	-13.65	54	30.63	42.59	21.91	54.78	-	-	A	V
		39340	52.9	-21.1	74	38.65	44.41	24.14	54.3	-	-	P	V	
		39340	44.58	-9.42	54	30.33	44.41	24.14	54.3	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 113 6515MHz		11180	49.31	-24.69	74	60.44	39.75	16.99	67.87	-	-	P	H	
		11180	41.48	-12.52	54	52.61	39.75	16.99	67.87	-	-	A	H	
		13030	51.55	-36.65	88.2	61.96	38.96	18.52	67.89	-	-	P	H	
		13380	48.32	-25.68	74	57.6	39.6	18.8	67.68	-	-	P	H	
		13380	42.39	-11.61	54	51.67	39.6	18.8	67.68	-	-	A	H	
		14490	51.49	-22.51	74	57.7	41.94	19.59	67.74	-	-	P	H	
		14490	42.9	-11.1	54	49.11	41.94	19.59	67.74	-	-	A	H	
		18000	60	-14	74	58.08	48.82	22.52	69.42	-	-	P	H	
		18000	50.12	-3.88	54	48.2	48.82	22.52	69.42	-	-	A	H	
		19545	39.91	-34.09	74	41.65	37.57	13.47	52.78	-	-	P	H	
		36480	47.66	-26.34	74	37.99	42.54	21.91	54.78	-	-	P	H	
		39406	53.39	-20.61	74	38.95	44.58	24.19	54.33	-	-	P	H	
		39406	44.79	-9.21	54	30.35	44.58	24.19	54.33	-	-	A	H	
			11370	49.73	-24.27	74	60.43	39.87	17.13	67.7	-	-	P	V
			11370	41.07	-12.93	54	51.77	39.87	17.13	67.7	-	-	A	V
			13030	49.23	-38.97	88.2	59.66	38.94	18.52	67.89	-	-	P	V
			13300	48.86	-25.14	74	58.55	39.3	18.74	67.73	-	-	P	V
			13300	41.91	-12.09	54	51.6	39.3	18.74	67.73	-	-	A	V
			14490	51.01	-22.99	74	57.22	41.94	19.59	67.74	-	-	P	V
			14490	43.02	-10.98	54	49.23	41.94	19.59	67.74	-	-	A	V
			18000	60.49	-13.51	74	58.35	49.04	22.52	69.42	-	-	P	V
			18000	50.66	-3.34	54	48.52	49.04	22.52	69.42	-	-	A	V
			19545	39.3	-34.7	74	40.94	37.67	13.47	52.78	-	-	P	V
			36480	48.93	-25.07	74	39.21	42.59	21.91	54.78	-	-	P	V
			36480	40.17	-13.83	54	30.45	42.59	21.91	54.78	-	-	A	V
		39824	53.74	-20.26	74	38.11	44.64	24.47	53.48	-	-	P	V	
		39824	45.86	-8.14	54	30.23	44.64	24.47	53.48	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 97 6435MHz		11390	49.53	-24.47	74	60.08	39.98	17.15	67.68	-	-	P	H	
		11390	41.78	-12.22	54	52.33	39.98	17.15	67.68	-	-	A	H	
		12870	56.07	-32.13	88.2	66.36	38.98	18.41	67.68	-	-	P	H	
		13380	48.66	-25.34	74	57.94	39.6	18.8	67.68	-	-	P	H	
		13380	41.71	-12.29	54	50.99	39.6	18.8	67.68	-	-	A	H	
		14490	51.21	-22.79	74	57.42	41.94	19.59	67.74	-	-	P	H	
		14490	42.56	-11.44	54	48.77	41.94	19.59	67.74	-	-	A	H	
		18000	60.69	-13.31	74	58.77	48.82	22.52	69.42	-	-	P	H	
		18000	50.64	-3.36	54	48.72	48.82	22.52	69.42	-	-	A	H	
		19305	43.75	-30.25	74	45.35	37.61	13.52	52.73	-	-	P	H	
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H	
		36480	39.44	-14.56	54	29.77	42.54	21.91	54.78	-	-	A	H	
		39604	54.29	-19.71	74	39.33	44.71	24.32	54.07	-	-	P	H	
		39604	45.6	-8.4	54	30.64	44.71	24.32	54.07	-	-	A	H	
			11330	49.01	-24.99	74	59.87	39.78	17.1	67.74	-	-	P	V
			11330	40.48	-13.52	54	51.34	39.78	17.1	67.74	-	-	A	V
			12870	50.63	-37.57	88.2	60.93	38.97	18.41	67.68	-	-	P	V
			13360	48.82	-25.18	74	58.2	39.52	18.79	67.69	-	-	P	V
			13360	42.05	-11.95	54	51.43	39.52	18.79	67.69	-	-	A	V
			14490	51	-23	74	57.21	41.94	19.59	67.74	-	-	P	V
			14490	43.68	-10.32	54	49.89	41.94	19.59	67.74	-	-	A	V
			18000	60.84	-13.16	74	58.7	49.04	22.52	69.42	-	-	P	V
			18000	50.76	-3.24	54	48.62	49.04	22.52	69.42	-	-	A	V
		19305	41.49	-32.51	74	43	37.7	13.52	52.73	-	-	P	V	
		36480	48.95	-25.05	74	39.23	42.59	21.91	54.78	-	-	P	V	
		36480	40.29	-13.71	54	30.57	42.59	21.91	54.78	-	-	A	V	
		39868	53.12	-20.88	74	37.81	44.65	24.5	53.84	-	-	P	V	
		39868	45.63	-8.37	54	30.32	44.65	24.5	53.84	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
i802.11ax HE20 Full CH 105 6475MHz		11320	49.11	-24.89	74	59.94	39.81	17.1	67.74	-	-	P	H	
		11320	40.92	-13.08	54	51.75	39.81	17.1	67.74	-	-	A	H	
		12950	54.56	-33.64	88.2	64.94	38.97	18.47	67.82	-	-	P	H	
		13300	48.83	-25.17	74	58.5	39.32	18.74	67.73	-	-	P	H	
		13300	42.1	-11.9	54	51.77	39.32	18.74	67.73	-	-	A	H	
		14490	50.49	-23.51	74	56.7	41.94	19.59	67.74	-	-	P	H	
		14490	43.52	-10.48	54	49.73	41.94	19.59	67.74	-	-	A	H	
		17990	59.85	-14.15	74	58.2	48.56	22.51	69.42	-	-	P	H	
		17990	49.95	-4.05	54	48.3	48.56	22.51	69.42	-	-	A	H	
		19425	40.2	-33.8	74	41.89	37.58	13.49	52.76	-	-	P	H	
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H	
		36480	39.53	-14.47	54	29.86	42.54	21.91	54.78	-	-	A	H	
		39978	53	-21	74	37.69	44.93	24.58	54.2	-	-	P	H	
		39978	45.4	-8.6	54	30.09	44.93	24.58	54.2	-	-	A	H	
			11340	49.08	-24.92	74	59.89	39.81	17.11	67.73	-	-	P	V
			11340	40.81	-13.19	54	51.62	39.81	17.11	67.73	-	-	A	V
			12950	53.06	-35.14	88.2	63.42	38.99	18.47	67.82	-	-	P	V
			13370	49.01	-24.99	74	58.35	39.56	18.79	67.69	-	-	P	V
			13370	42.09	-11.91	54	51.43	39.56	18.79	67.69	-	-	A	V
			14490	50.91	-23.09	74	57.12	41.94	19.59	67.74	-	-	P	V
			14490	42.74	-11.26	54	48.95	41.94	19.59	67.74	-	-	A	V
			18000	60.34	-13.66	74	58.2	49.04	22.52	69.42	-	-	P	V
			18000	50.24	-3.76	54	48.1	49.04	22.52	69.42	-	-	A	V
		19425	38.85	-35.15	74	40.44	37.68	13.49	52.76	-	-	P	V	
		36480	47.54	-26.46	74	37.82	42.59	21.91	54.78	-	-	P	V	
		39868	52.77	-21.23	74	37.46	44.65	24.5	53.84	-	-	P	V	
		39868	45.81	-8.19	54	30.5	44.65	24.5	53.84	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Full CH 113 6515MHz		11410	49.73	-24.27	74	60.21	40.03	17.16	67.67	-	-	P	H	
		11410	41.73	-12.27	54	52.21	40.03	17.16	67.67	-	-	A	H	
		13030	50.84	-37.36	88.2	61.25	38.96	18.52	67.89	-	-	P	H	
		13360	48.2	-25.8	74	57.56	39.54	18.79	67.69	-	-	P	H	
		13360	42.06	-11.94	54	51.42	39.54	18.79	67.69	-	-	A	H	
		14490	50.64	-23.36	74	56.85	41.94	19.59	67.74	-	-	P	H	
		14490	43.87	-10.13	54	50.08	41.94	19.59	67.74	-	-	A	H	
		18000	60.26	-13.74	74	58.34	48.82	22.52	69.42	-	-	P	H	
		18000	50.36	-3.64	54	48.44	48.82	22.52	69.42	-	-	A	H	
		19545	39.66	-34.34	74	41.4	37.57	13.47	52.78	-	-	P	H	
		36480	48.23	-25.77	74	38.56	42.54	21.91	54.78	-	-	P	H	
		36480	39.64	-14.36	54	29.97	42.54	21.91	54.78	-	-	A	H	
		39824	53.07	-20.93	74	37.24	44.84	24.47	53.48	-	-	P	H	
		39824	46.24	-7.76	54	30.41	44.84	24.47	53.48	-	-	A	H	
			10940	49.58	-24.42	74	60.77	40.11	16.8	68.1	-	-	P	V
			10940	40.76	-13.24	54	51.95	40.11	16.8	68.1	-	-	A	V
			13030	50.83	-37.37	88.2	61.26	38.94	18.52	67.89	-	-	P	V
			13290	48.93	-25.07	74	58.67	39.27	18.73	67.74	-	-	P	V
			13290	42.06	-11.94	54	51.8	39.27	18.73	67.74	-	-	A	V
			14490	50.68	-23.32	74	56.89	41.94	19.59	67.74	-	-	P	V
			14490	43.65	-10.35	54	49.86	41.94	19.59	67.74	-	-	A	V
			18000	60.56	-13.44	74	58.42	49.04	22.52	69.42	-	-	P	V
			18000	50.7	-3.3	54	48.56	49.04	22.52	69.42	-	-	A	V
			19545	40.15	-33.85	74	41.79	37.67	13.47	52.78	-	-	P	V
			36480	48.72	-25.28	74	39	42.59	21.91	54.78	-	-	P	V
			36480	40.35	-13.65	54	30.63	42.59	21.91	54.78	-	-	A	V
		39802	53.65	-20.35	74	37.86	44.63	24.46	53.3	-	-	P	V	
		39802	46.27	-7.73	54	30.48	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



UNII-6 6425~6525MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 99 6445MHz		10880	49.57	-24.43	74	60.86	40.13	16.76	68.18	-	-	P	H	
		10880	40.94	-13.06	54	52.23	40.13	16.76	68.18	-	-	A	H	
		12890	52.81	-35.39	88.2	63.1	39	18.42	67.71	-	-	P	H	
		13360	48.84	-25.16	74	58.2	39.54	18.79	67.69	-	-	P	H	
		13360	41.52	-12.48	54	50.88	39.54	18.79	67.69	-	-	A	H	
		14490	50.93	-23.07	74	57.14	41.94	19.59	67.74	-	-	P	H	
		14490	42.98	-11.02	54	49.19	41.94	19.59	67.74	-	-	A	H	
		18000	60.28	-13.72	74	58.36	48.82	22.52	69.42	-	-	P	H	
		18000	50.25	-3.75	54	48.33	48.82	22.52	69.42	-	-	A	H	
		19335	39.18	-34.82	74	40.81	37.6	13.51	52.74	-	-	P	H	
		36480	47.76	-26.24	74	38.09	42.54	21.91	54.78	-	-	P	H	
		39890	53.2	-20.8	74	37.82	44.88	24.52	54.02	-	-	P	H	
		39890	45.99	-8.01	54	30.61	44.88	24.52	54.02	-	-	A	H	
			11190	49.57	-24.43	74	60.74	39.7	16.99	67.86	-	-	P	V
			11190	41.15	-12.85	54	52.32	39.7	16.99	67.86	-	-	A	V
			12890	48.64	-39.56	88.2	58.96	38.97	18.42	67.71	-	-	P	V
			13320	49	-25	74	58.6	39.37	18.75	67.72	-	-	P	V
			13320	41.29	-12.71	54	50.89	39.37	18.75	67.72	-	-	A	V
			14490	50.7	-23.3	74	56.91	41.94	19.59	67.74	-	-	P	V
			14490	43.54	-10.46	54	49.75	41.94	19.59	67.74	-	-	A	V
			18000	60.41	-13.59	74	58.27	49.04	22.52	69.42	-	-	P	V
			18000	50.34	-3.66	54	48.2	49.04	22.52	69.42	-	-	A	V
		19335	38.84	-35.16	74	40.37	37.7	13.51	52.74	-	-	P	V	
		36480	49.02	-24.98	74	39.3	42.59	21.91	54.78	-	-	P	V	
		36480	39.51	-14.49	54	29.79	42.59	21.91	54.78	-	-	A	V	
		39978	53.52	-20.48	74	38.46	44.68	24.58	54.2	-	-	P	V	
		39978	45.19	-8.81	54	30.13	44.68	24.58	54.2	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 107 6485MHz		11320	49.6	-24.4	74	60.43	39.81	17.1	67.74	-	-	P	H	
		11320	42.12	-11.88	54	52.95	39.81	17.1	67.74	-	-	A	H	
		12970	51.49	-36.71	88.2	61.91	38.96	18.48	67.86	-	-	P	H	
		13330	49.08	-24.92	74	58.6	39.43	18.76	67.71	-	-	P	H	
		13330	42.22	-11.78	54	51.74	39.43	18.76	67.71	-	-	A	H	
		14490	51.36	-22.64	74	57.57	41.94	19.59	67.74	-	-	P	H	
		14490	43.24	-10.76	54	49.45	41.94	19.59	67.74	-	-	A	H	
		17980	59.28	-14.72	74	57.9	48.3	22.5	69.42	-	-	P	H	
		17980	49.68	-4.32	54	48.3	48.3	22.5	69.42	-	-	A	H	
		19455	40.64	-33.36	74	42.34	37.58	13.49	52.77	-	-	P	H	
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H	
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H	
		39868	53.55	-20.45	74	38.02	44.87	24.5	53.84	-	-	P	H	
		39868	45.86	-8.14	54	30.33	44.87	24.5	53.84	-	-	A	H	
			11330	50.58	-23.42	74	61.44	39.78	17.1	67.74	-	-	P	V
			11330	42.06	-11.94	54	52.92	39.78	17.1	67.74	-	-	A	V
			12970	49.31	-38.89	88.2	59.69	39	18.48	67.86	-	-	P	V
			13290	48.92	-25.08	74	58.66	39.27	18.73	67.74	-	-	P	V
			13290	41.69	-12.31	54	51.43	39.27	18.73	67.74	-	-	A	V
			14490	50.4	-23.6	74	56.61	41.94	19.59	67.74	-	-	P	V
			14490	43.53	-10.47	54	49.74	41.94	19.59	67.74	-	-	A	V
			18000	60.04	-13.96	74	57.9	49.04	22.52	69.42	-	-	P	V
			18000	50.34	-3.66	54	48.2	49.04	22.52	69.42	-	-	A	V
			19455	39.67	-34.33	74	41.27	37.68	13.49	52.77	-	-	P	V
			36480	48.66	-25.34	74	38.94	42.59	21.91	54.78	-	-	P	V
			36480	40.25	-13.75	54	30.53	42.59	21.91	54.78	-	-	A	V
			39846	53.74	-20.26	74	38.27	44.64	24.49	53.66	-	-	P	V
		39846	46.08	-7.92	54	30.61	44.64	24.49	53.66	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE40 Full CH 115 6525MHz		10940	48.84	-25.16	74	59.96	40.18	16.8	68.1	-	-	P	H	
		10940	41.09	-12.91	54	52.21	40.18	16.8	68.1	-	-	A	H	
		13050	50.74	-37.46	88.2	61.11	38.97	18.54	67.88	-	-	P	H	
		13330	48.42	-25.58	74	57.94	39.43	18.76	67.71	-	-	P	H	
		13330	41.95	-12.05	54	51.47	39.43	18.76	67.71	-	-	A	H	
		14490	51.14	-22.86	74	57.35	41.94	19.59	67.74	-	-	P	H	
		14490	43.3	-10.7	54	49.51	41.94	19.59	67.74	-	-	A	H	
		18000	60.56	-13.44	74	58.64	48.82	22.52	69.42	-	-	P	H	
		18000	50.11	-3.89	54	48.19	48.82	22.52	69.42	-	-	A	H	
		19584	39.79	-34.21	74	41.52	37.58	13.46	52.77	-	-	P	H	
		36480	48.27	-25.73	74	38.6	42.54	21.91	54.78	-	-	P	H	
		36480	39.95	-14.05	54	30.28	42.54	21.91	54.78	-	-	A	H	
		39956	53.6	-20.4	74	38.29	44.92	24.56	54.17	-	-	P	H	
		39956	45.66	-8.34	54	30.35	44.92	24.56	54.17	-	-	A	H	
			11400	49.61	-24.39	74	60.22	39.92	17.15	67.68	-	-	P	V
			11400	41.13	-12.87	54	51.74	39.92	17.15	67.68	-	-	A	V
			13050	49.16	-39.04	88.2	59.61	38.89	18.54	67.88	-	-	P	V
			13330	48.41	-25.59	74	57.96	39.4	18.76	67.71	-	-	P	V
			13330	41.76	-12.24	54	51.31	39.4	18.76	67.71	-	-	A	V
			14490	51.7	-22.3	74	57.91	41.94	19.59	67.74	-	-	P	V
			14490	42.38	-11.62	54	48.59	41.94	19.59	67.74	-	-	A	V
			18000	60.32	-13.68	74	58.18	49.04	22.52	69.42	-	-	P	V
			18000	50.37	-3.63	54	48.23	49.04	22.52	69.42	-	-	A	V
			19584	40.72	-33.28	74	42.36	37.67	13.46	52.77	-	-	P	V
			36480	48.83	-25.17	74	39.11	42.59	21.91	54.78	-	-	P	V
			36480	40.18	-13.82	54	30.46	42.59	21.91	54.78	-	-	A	V
			39736	53.39	-20.61	74	38.2	44.61	24.41	53.83	-	-	P	V
		39736	45.32	-8.68	54	30.13	44.61	24.41	53.83	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



UNII-6 6425~6525MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 103 6465MHz		11380	49.71	-24.29	74	60.3	39.96	17.14	67.69	-	-	P	H	
		11380	41.63	-12.37	54	52.22	39.96	17.14	67.69	-	-	A	H	
		12930	50.4	-37.8	88.2	60.74	38.98	18.46	67.78	-	-	P	H	
		13340	47.99	-26.01	74	57.46	39.47	18.77	67.71	-	-	P	H	
		13340	42.65	-11.35	54	52.12	39.47	18.77	67.71	-	-	A	H	
		14490	51	-23	74	57.21	41.94	19.59	67.74	-	-	P	H	
		14490	42.89	-11.11	54	49.1	41.94	19.59	67.74	-	-	A	H	
		18000	60.47	-13.53	74	58.55	48.82	22.52	69.42	-	-	P	H	
		18000	50.39	-3.61	54	48.47	48.82	22.52	69.42	-	-	A	H	
		19386	39.31	-34.69	74	40.97	37.59	13.5	52.75	-	-	P	H	
		36480	49.33	-24.67	74	39.66	42.54	21.91	54.78	-	-	P	H	
		36480	39.81	-14.19	54	30.14	42.54	21.91	54.78	-	-	A	H	
		39802	53.58	-20.42	74	37.59	44.83	24.46	53.3	-	-	P	H	
		39802	46.07	-7.93	54	30.08	44.83	24.46	53.3	-	-	A	H	
			11370	49.19	-24.81	74	59.89	39.87	17.13	67.7	-	-	P	V
			11370	42.33	-11.67	54	53.03	39.87	17.13	67.7	-	-	A	V
			12930	50.49	-37.71	88.2	60.83	38.98	18.46	67.78	-	-	P	V
			13310	48.56	-25.44	74	58.2	39.34	18.74	67.72	-	-	P	V
			13310	41.41	-12.59	54	51.05	39.34	18.74	67.72	-	-	A	V
			14490	51.1	-22.9	74	57.31	41.94	19.59	67.74	-	-	P	V
			14490	43	-11	54	49.21	41.94	19.59	67.74	-	-	A	V
			18000	60.41	-13.59	74	58.27	49.04	22.52	69.42	-	-	P	V
			18000	50.37	-3.63	54	48.23	49.04	22.52	69.42	-	-	A	V
		19386	38.72	-35.28	74	40.28	37.69	13.5	52.75	-	-	P	V	
		36480	48.71	-25.29	74	38.99	42.59	21.91	54.78	-	-	P	V	
		36480	39.95	-14.05	54	30.23	42.59	21.91	54.78	-	-	A	V	
		39780	53.62	-20.38	74	38.01	44.62	24.44	53.45	-	-	P	V	
		39780	45.91	-8.09	54	30.3	44.62	24.44	53.45	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE80 Full CH 119 6545MHz		11490	50.13	-23.87	74	60.34	40.16	17.23	67.6	-	-	P	H	
		11490	42.17	-11.83	54	52.38	40.16	17.23	67.6	-	-	A	H	
		13090	49.19	-39.01	88.2	59.55	38.94	18.56	67.86	-	-	P	H	
		13360	49.39	-24.61	74	58.75	39.54	18.79	67.69	-	-	P	H	
		13360	42.1	-11.9	54	51.46	39.54	18.79	67.69	-	-	A	H	
		14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	H	
		14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	H	
		18000	60.35	-13.65	74	58.43	48.82	22.52	69.42	-	-	P	H	
		18000	50.06	-3.94	54	48.14	48.82	22.52	69.42	-	-	A	H	
		19635	40.65	-33.35	74	42.39	37.59	13.46	52.79	-	-	P	H	
		36480	50.57	-23.43	74	40.9	42.54	21.91	54.78	-	-	P	H	
		36480	40.77	-13.23	54	31.1	42.54	21.91	54.78	-	-	A	H	
		39890	53.33	-20.67	74	37.95	44.88	24.52	54.02	-	-	P	H	
		39890	45.75	-8.25	54	30.37	44.88	24.52	54.02	-	-	A	H	
			11320	50.33	-23.67	74	61.22	39.75	17.1	67.74	-	-	P	V
			11320	41.7	-12.3	54	52.59	39.75	17.1	67.74	-	-	A	V
			13090	47.66	-40.54	88.2	58.07	38.89	18.56	67.86	-	-	P	V
			13370	49.59	-24.41	74	58.93	39.56	18.79	67.69	-	-	P	V
			13370	42.69	-11.31	54	52.03	39.56	18.79	67.69	-	-	A	V
			14490	51.61	-22.39	74	57.82	41.94	19.59	67.74	-	-	P	V
			14490	43.18	-10.82	54	49.39	41.94	19.59	67.74	-	-	A	V
			18000	60.09	-13.91	74	57.95	49.04	22.52	69.42	-	-	P	V
			18000	50.24	-3.76	54	48.1	49.04	22.52	69.42	-	-	A	V
			19635	40.25	-33.75	74	41.91	37.67	13.46	52.79	-	-	P	V
			36480	49.14	-24.86	74	39.42	42.59	21.91	54.78	-	-	P	V
			36480	40.28	-13.72	54	30.56	42.59	21.91	54.78	-	-	A	V
		39780	53.56	-20.44	74	37.95	44.62	24.44	53.45	-	-	P	V	
		39780	45.83	-8.17	54	30.22	44.62	24.44	53.45	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



UNII-6 6425~6525MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Full CH 111 6505MHz		11470	50.04	-23.96	74	60.31	40.14	17.21	67.62	-	-	P	H	
		11470	41.76	-12.24	54	52.03	40.14	17.21	67.62	-	-	A	H	
		13010	47.97	-40.23	88.2	58.4	38.95	18.52	67.9	-	-	P	H	
		13320	48.31	-25.69	74	57.88	39.4	18.75	67.72	-	-	P	H	
		13320	41.93	-12.07	54	51.5	39.4	18.75	67.72	-	-	A	H	
		14490	50.42	-23.58	74	56.63	41.94	19.59	67.74	-	-	P	H	
		14490	43.02	-10.98	54	49.23	41.94	19.59	67.74	-	-	A	H	
		18000	60.48	-13.52	74	58.56	48.82	22.52	69.42	-	-	P	H	
		18000	50.2	-3.8	54	48.28	48.82	22.52	69.42	-	-	A	H	
		19515	40	-34	74	41.73	37.57	13.48	52.78	-	-	P	H	
		36480	49.28	-24.72	74	39.61	42.54	21.91	54.78	-	-	P	H	
		36480	40.11	-13.89	54	30.44	42.54	21.91	54.78	-	-	A	H	
		38746	53.34	-20.66	74	40.31	44.3	23.58	54.85	-	-	P	H	
		38746	43.57	-10.43	54	30.54	44.3	23.58	54.85	-	-	A	H	
			11150	49.55	-24.45	74	60.66	39.81	16.97	67.89	-	-	P	V
			11150	41.19	-12.81	54	52.3	39.81	16.97	67.89	-	-	A	V
			13010	48.65	-39.55	88.2	59.04	38.99	18.52	67.9	-	-	P	V
			13370	48.58	-25.42	74	57.92	39.56	18.79	67.69	-	-	P	V
			13370	42.68	-11.32	54	52.02	39.56	18.79	67.69	-	-	A	V
			14490	50.47	-23.53	74	56.68	41.94	19.59	67.74	-	-	P	V
			14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	V
			18000	60.56	-13.44	74	58.42	49.04	22.52	69.42	-	-	P	V
			18000	50.59	-3.41	54	48.45	49.04	22.52	69.42	-	-	A	V
		19515	39.44	-34.56	74	41.07	37.67	13.48	52.78	-	-	P	V	
		36480	49.62	-24.38	74	39.9	42.59	21.91	54.78	-	-	P	V	
		36480	40.34	-13.66	54	30.62	42.59	21.91	54.78	-	-	A	V	
		39780	53.46	-20.54	74	37.85	44.62	24.44	53.45	-	-	P	V	
		39780	46.11	-7.89	54	30.5	44.62	24.44	53.45	-	-	A	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 and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



UNII-7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 117 6535MHz		11270	49.4	-24.6	74	60.4	39.73	17.06	67.79	-	-	P	H	
		11270	41.2	-12.8	54	52.2	39.73	17.06	67.79	-	-	A	H	
		13070	52.2	-36	88.2	62.56	38.95	18.56	67.87	-	-	P	H	
		13330	50.12	-23.88	74	59.64	39.43	18.76	67.71	-	-	P	H	
		13330	42.15	-11.85	54	51.67	39.43	18.76	67.71	-	-	A	H	
		14490	50.75	-23.25	74	56.96	41.94	19.59	67.74	-	-	P	H	
		14490	43.67	-10.33	54	49.88	41.94	19.59	67.74	-	-	A	H	
		18000	60.47	-13.53	74	58.55	48.82	22.52	69.42	-	-	P	H	
		18000	50.1	-3.9	54	48.18	48.82	22.52	69.42	-	-	A	H	
		19605	39.94	-34.06	74	41.67	37.58	13.46	52.77	-	-	P	H	
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H	
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H	
		39802	53.9	-20.1	74	37.91	44.83	24.46	53.3	-	-	P	H	
		39802	46.58	-7.42	54	30.59	44.83	24.46	53.3	-	-	A	H	
			11280	49.44	-24.56	74	60.48	39.67	17.07	67.78	-	-	P	V
			11280	41.4	-12.6	54	52.44	39.67	17.07	67.78	-	-	A	V
			13070	50.64	-37.56	88.2	61.06	38.89	18.56	67.87	-	-	P	V
			13390	48.89	-25.11	74	58.1	39.66	18.81	67.68	-	-	P	V
			13390	42.41	-11.59	54	51.62	39.66	18.81	67.68	-	-	A	V
			14490	51.42	-22.58	74	57.63	41.94	19.59	67.74	-	-	P	V
			14490	42.56	-11.44	54	48.77	41.94	19.59	67.74	-	-	A	V
			18000	60.43	-13.57	74	58.29	49.04	22.52	69.42	-	-	P	V
			18000	50.41	-3.59	54	48.27	49.04	22.52	69.42	-	-	A	V
		19605	40.21	-33.79	74	41.85	37.67	13.46	52.77	-	-	P	V	
		36480	48.83	-25.17	74	39.11	42.59	21.91	54.78	-	-	P	V	
		36480	39.93	-14.07	54	30.21	42.59	21.91	54.78	-	-	A	V	
		39934	53.41	-20.59	74	38.33	44.67	24.55	54.14	-	-	P	V	
		39934	45.81	-8.19	54	30.73	44.67	24.55	54.14	-	-	A	V	



WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 149 6695MHz		11360	49.77	-24.23	74	60.44	39.92	17.12	67.71	-	-	P	H	
		11360	41.94	-12.06	54	52.61	39.92	17.12	67.71	-	-	A	H	
		13390	60.33	-13.67	74	69.45	39.75	18.81	67.68	183	252	P	H	
		13390	51.57	-2.43	54	60.69	39.75	18.81	67.68	183	252	A	H	
		14490	51.35	-22.65	74	57.56	41.94	19.59	67.74	-	-	P	H	
		14490	45.29	-8.71	54	51.5	41.94	19.59	67.74	-	-	A	H	
		18000	60.34	-13.66	74	58.42	48.82	22.52	69.42	-	-	P	H	
		18000	50.31	-3.69	54	48.39	48.82	22.52	69.42	-	-	A	H	
		20085	40.67	-33.33	74	42.44	37.67	13.45	52.89	-	-	P	H	
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H	
		36480	40.23	-13.77	54	30.56	42.54	21.91	54.78	-	-	A	H	
		39758	53.54	-20.46	74	37.95	44.8	24.43	53.64	-	-	P	H	
		39758	46.47	-7.53	54	30.88	44.8	24.43	53.64	-	-	A	H	
			11270	50.01	-23.99	74	61.09	39.65	17.06	67.79	-	-	P	V
			11270	41.15	-12.85	54	52.23	39.65	17.06	67.79	-	-	A	V
			13390	59.11	-14.89	74	68.2	39.78	18.81	67.68	299	21	P	V
			13390	49.53	-4.47	54	58.62	39.78	18.81	67.68	299	21	A	V
			14490	51.65	-22.35	74	57.86	41.94	19.59	67.74	-	-	P	V
			14490	43.49	-10.51	54	49.7	41.94	19.59	67.74	-	-	A	V
			18000	60.31	-13.69	74	58.17	49.04	22.52	69.42	-	-	P	V
			18000	50.56	-3.44	54	48.42	49.04	22.52	69.42	-	-	A	V
			20085	39.69	-34.31	74	41.44	37.69	13.45	52.89	-	-	P	V
			36480	49.62	-24.38	74	39.9	42.59	21.91	54.78	-	-	P	V
			36480	40.35	-13.65	54	30.63	42.59	21.91	54.78	-	-	A	V
			39824	53.46	-20.54	74	37.83	44.64	24.47	53.48	-	-	P	V
		39824	46.09	-7.91	54	30.46	44.64	24.47	53.48	-	-	A	V	