

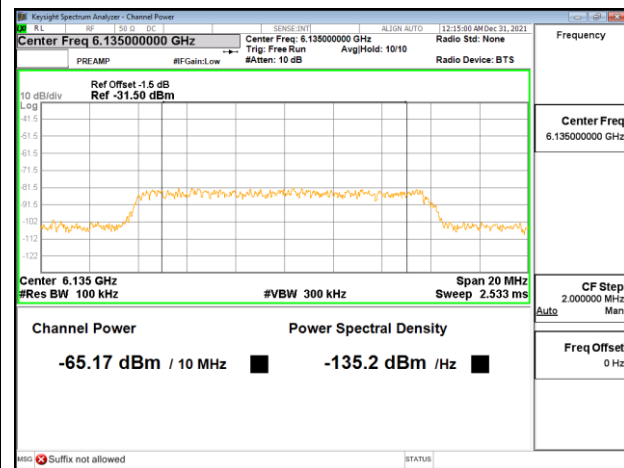


3.5.7 Test Plots of Contention Based Protocol Test

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

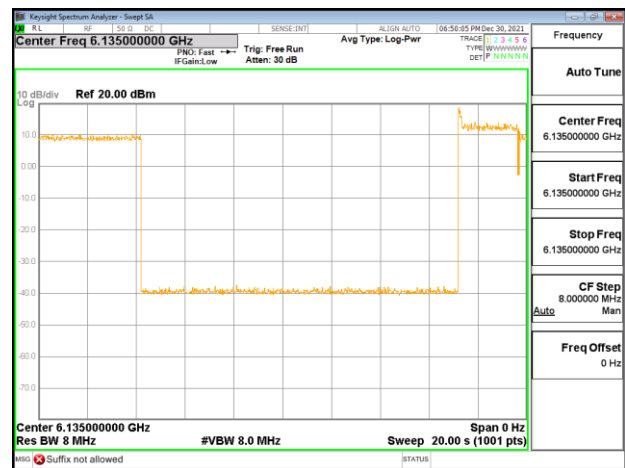
802.11ax (HE20) / 6135MHz

Threshold Level (TL) = -65.17dBm/MHz



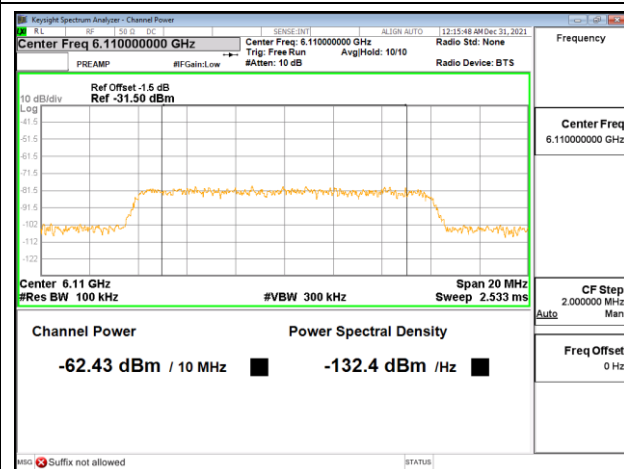
802.11ax (HE20) / CH37

Test result is pass due to no transmission occur.



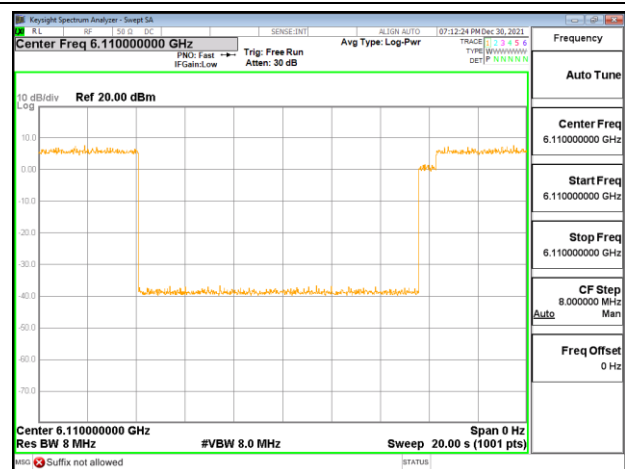
802.11ax (HE160) / 6110MHz (Lower edge)

Threshold Level (TL) = -62.43dBm/MHz



802.11ax (HE160) / CH47 (Lower edge)

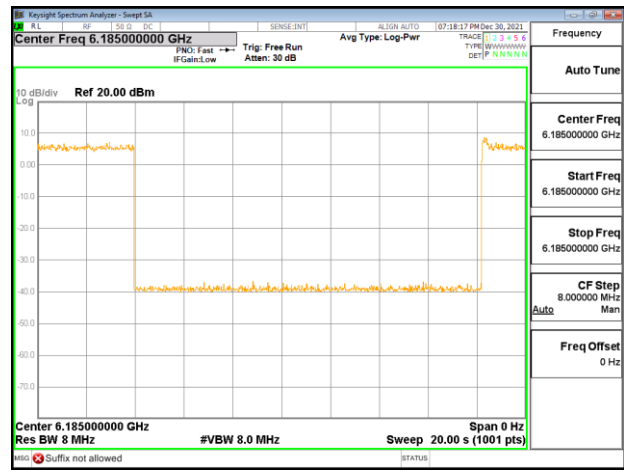
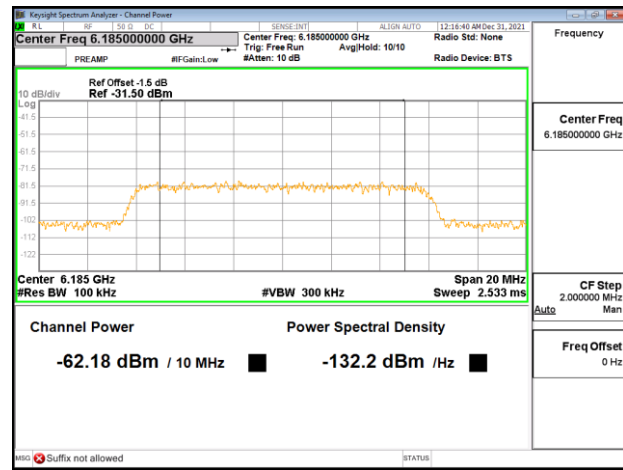
Test result is pass due to no transmission occur.





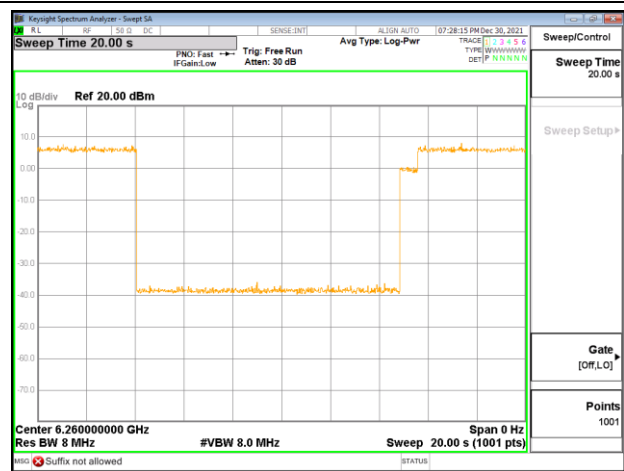
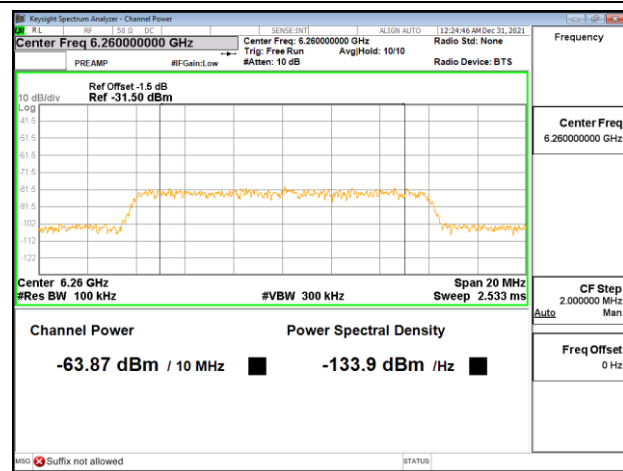
802.11ax (HE160) / 6185MHz (Middle)  
Threshold Level (TL) = -62.18dBm/MHz

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.

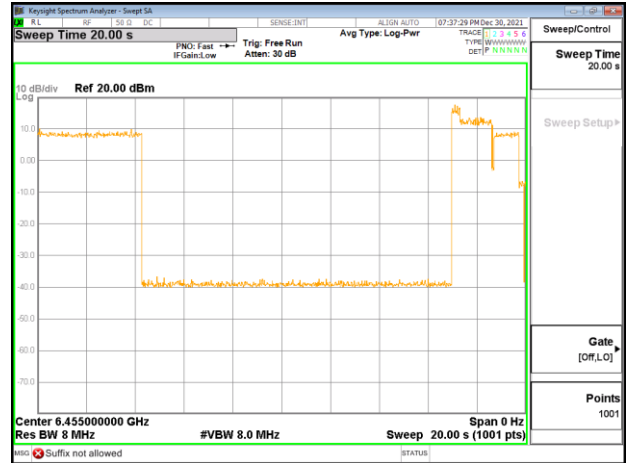
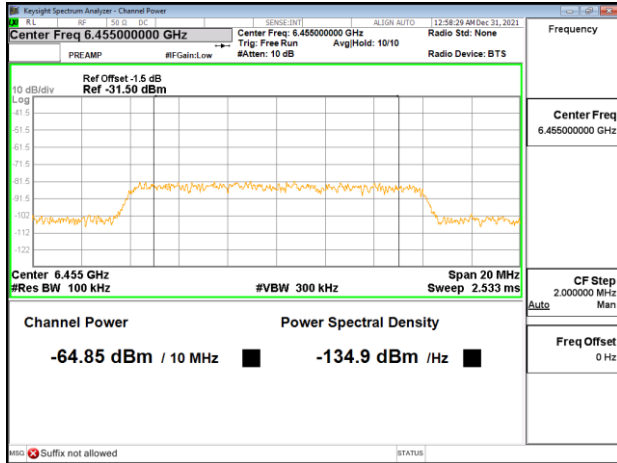




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

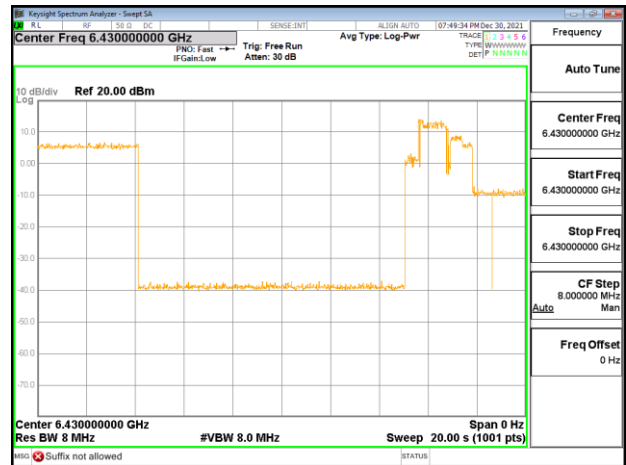
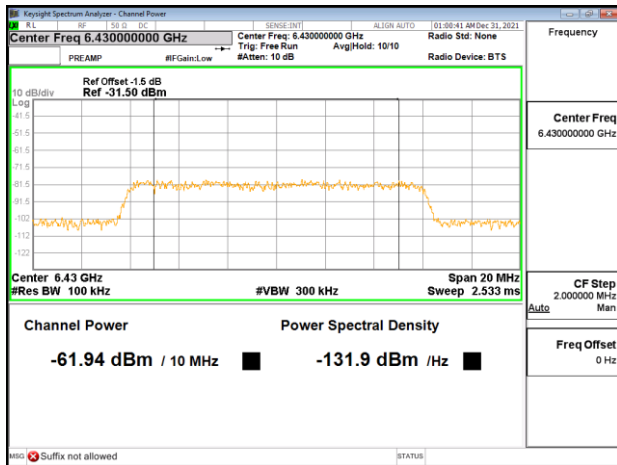
802.11ax (HE20) / 6455MHz  
Threshold Level (TL) = -64.85dBm/MHz

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

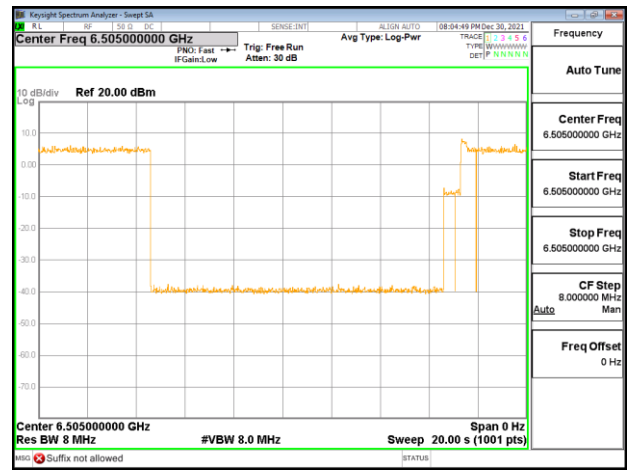
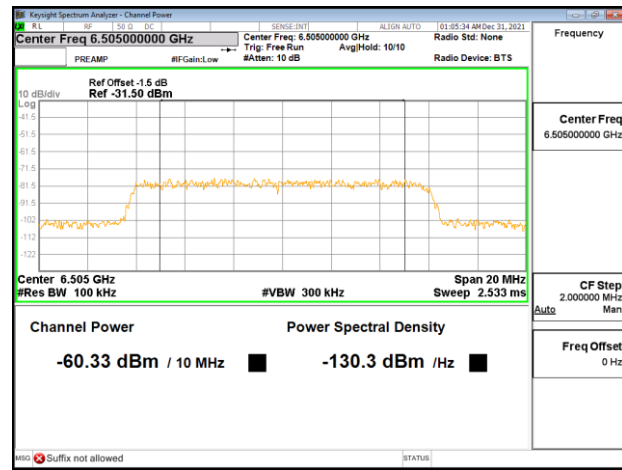
802.11ax (HE160) / CH111 (Lower edge)  
Test result is pass due to no transmission occur.





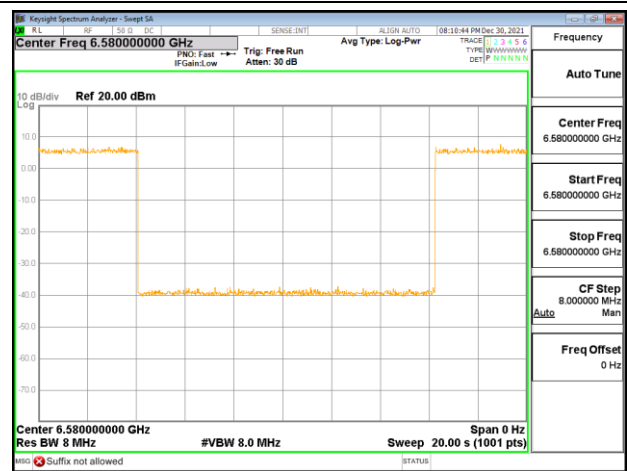
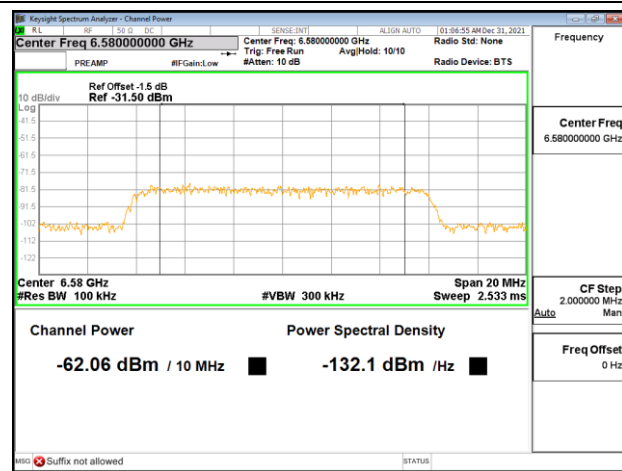
802.11ax (HE160) / 6505MHz (Middle)  
Threshold Level (TL) = -60.33dBm/MHz

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.

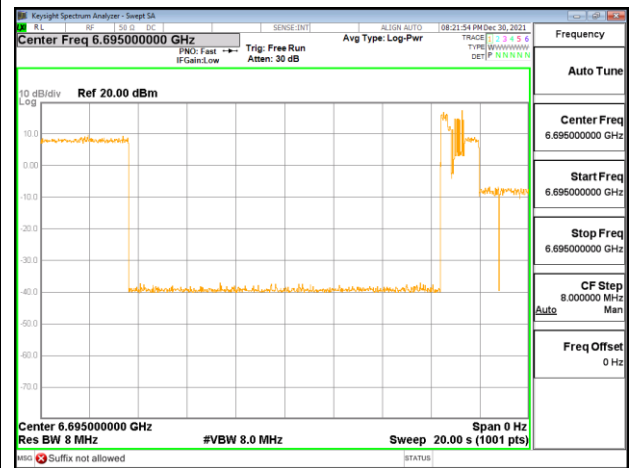
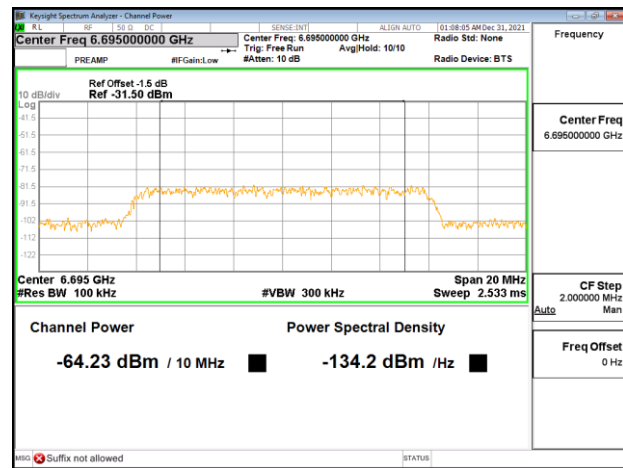




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

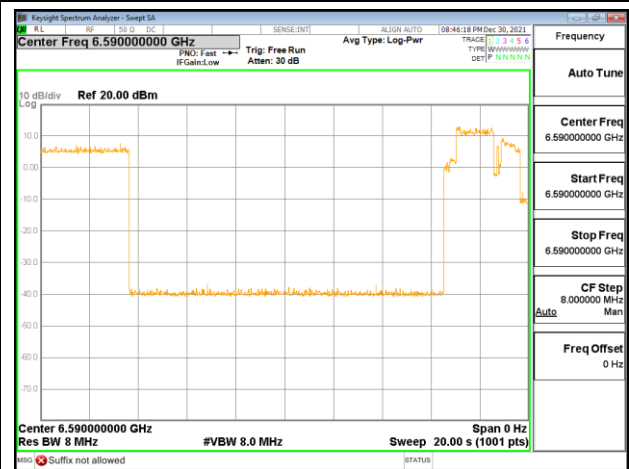
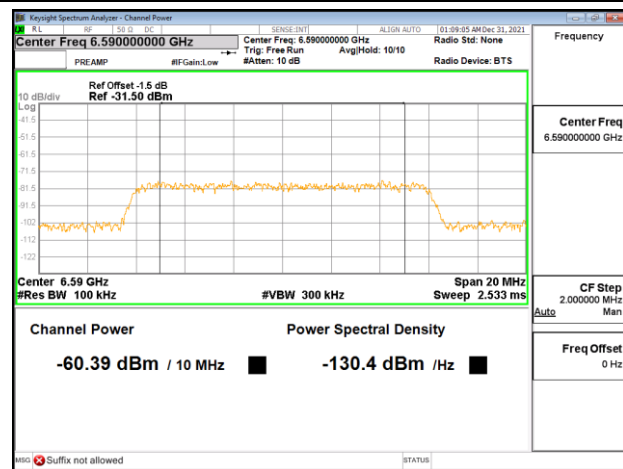
802.11ax (HE20) / 6695MHz  
Threshold Level (TL) = -64.23dBm/MHz

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

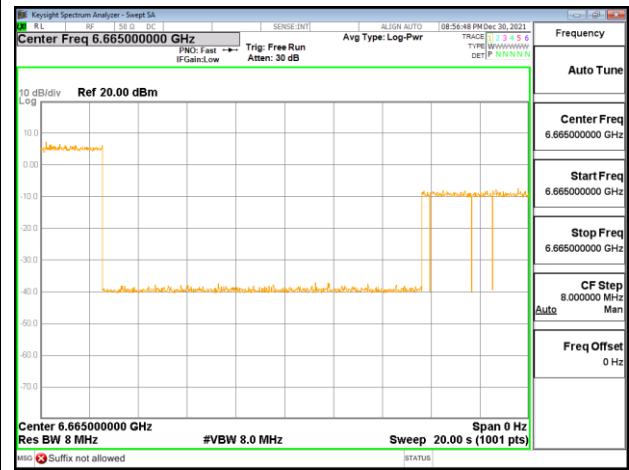
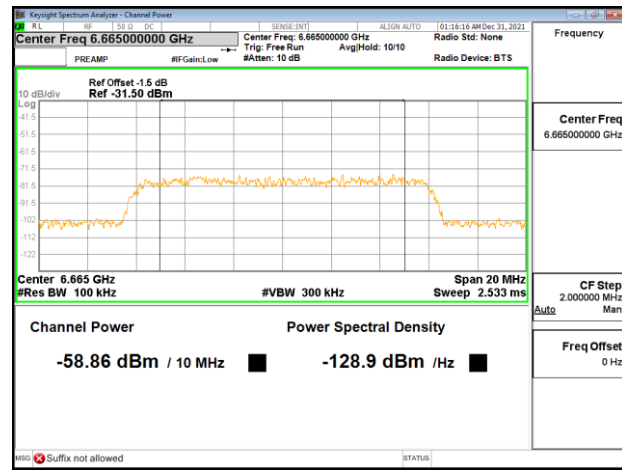
802.11ax (HE160) / CH143 (Lower edge)  
Test result is pass due to no transmission occur.





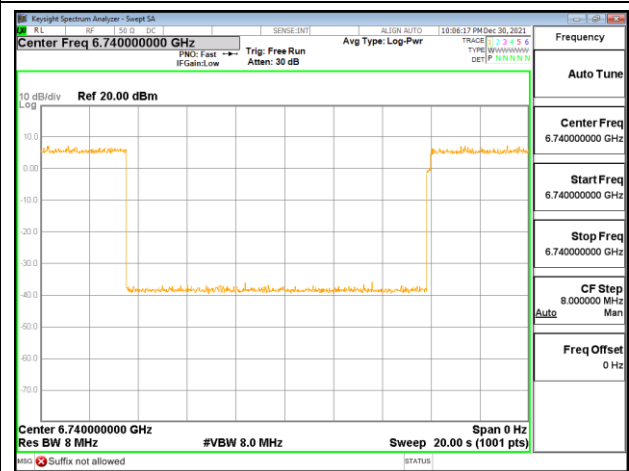
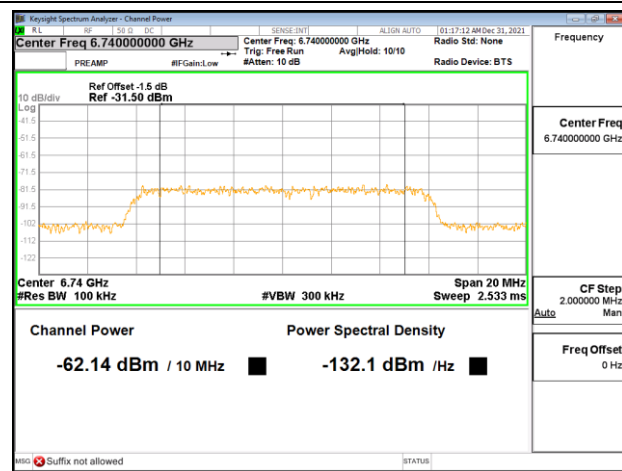
802.11ax (HE160) / 6665MHz (Middle)  
Threshold Level (TL) = -58.86dBm/MHz

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.

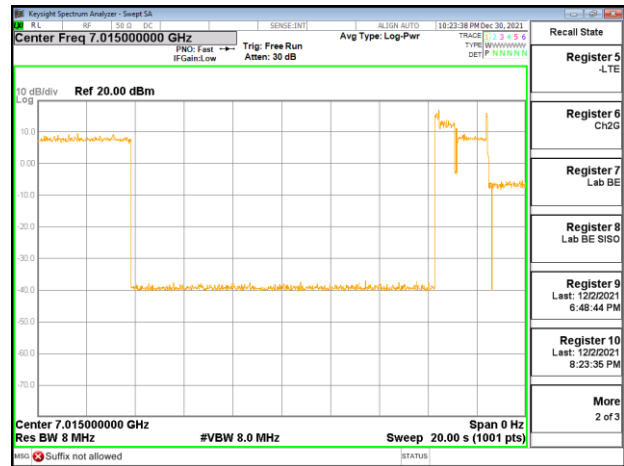
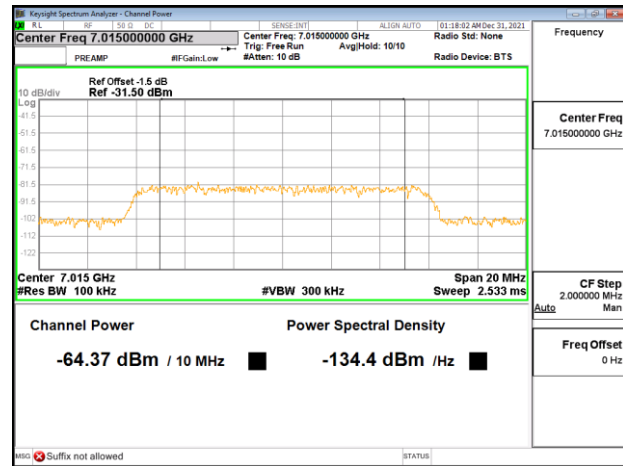




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

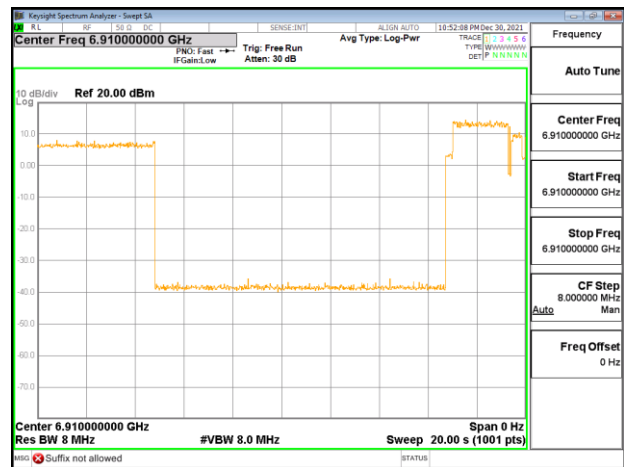
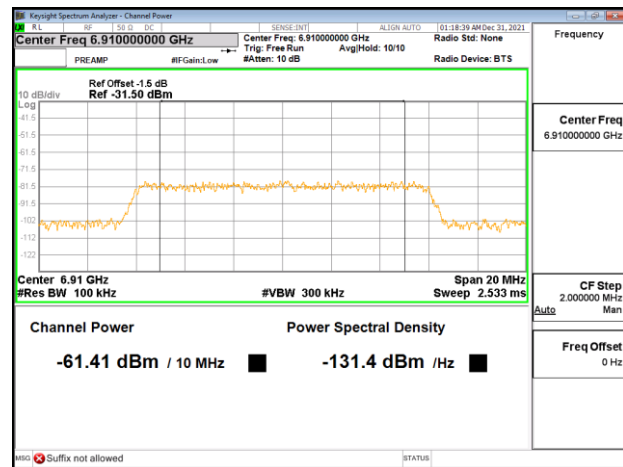
802.11ax (HE20) / 7015MHz  
Threshold Level (TL) = -64.37dBm/MHz

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

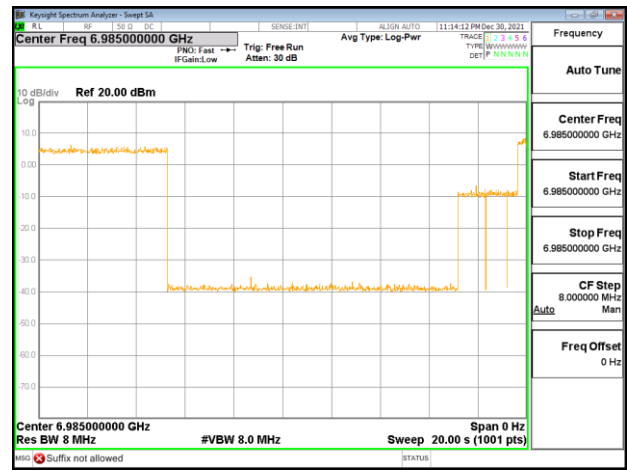
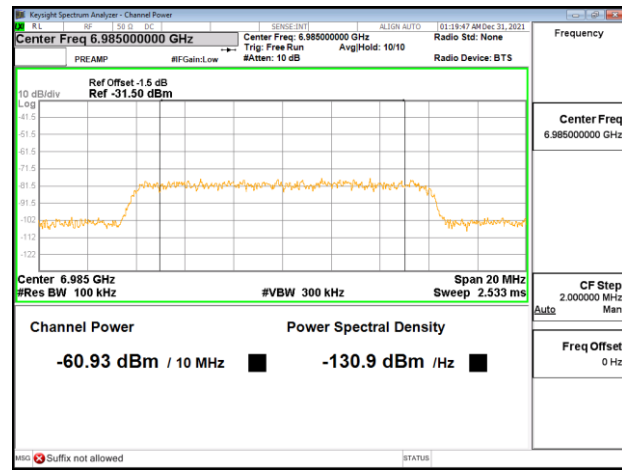
802.11ax (HE160) / CH207 (Lower edge)  
Test result is pass due to no transmission occur.





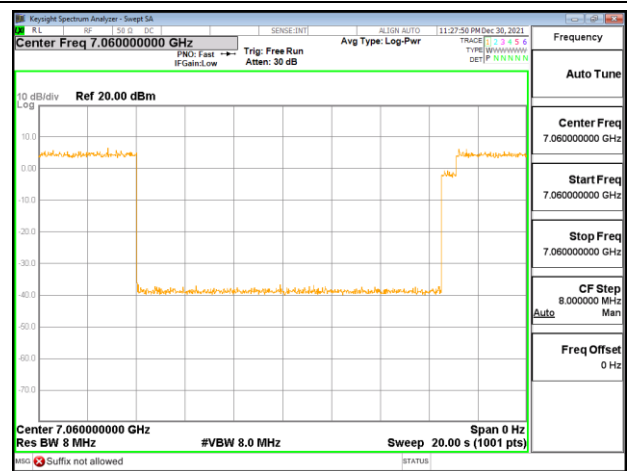
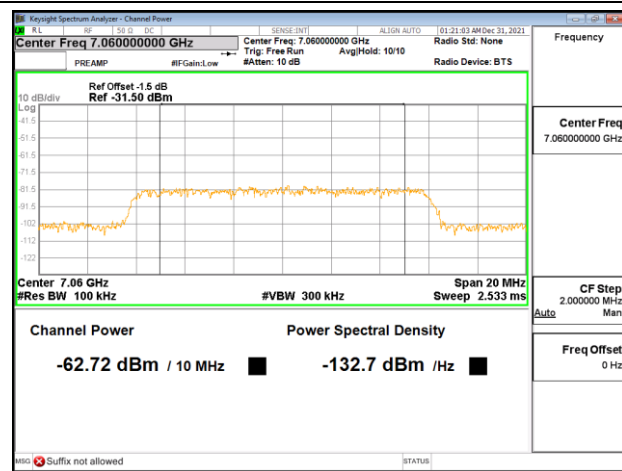
802.11ax (HE160) / 6985MHz (Middle)  
Threshold Level (TL) = -60.93dBm/MHz

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.



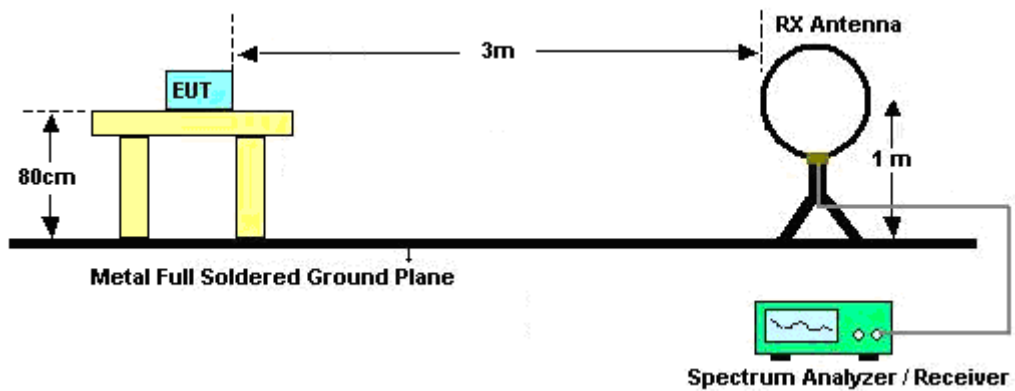
### 3.6.3 Test Procedures

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 “-”.

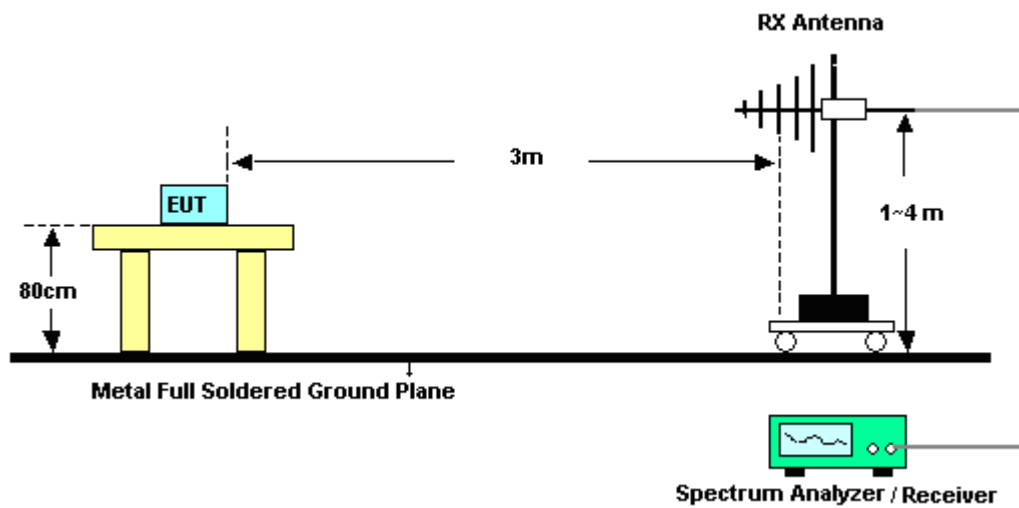
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

### 3.6.4 Test Setup

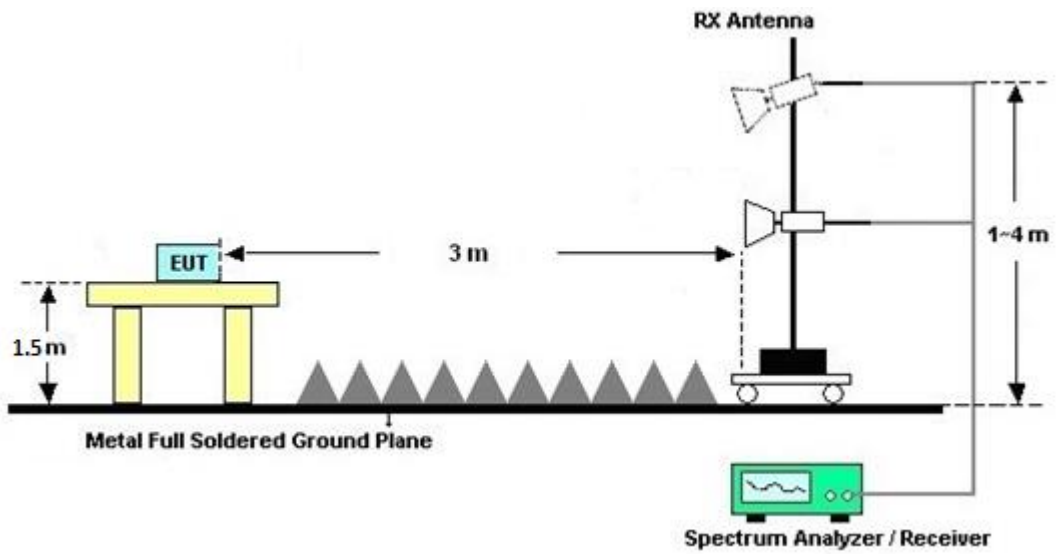
For radiated emissions below 30MHz



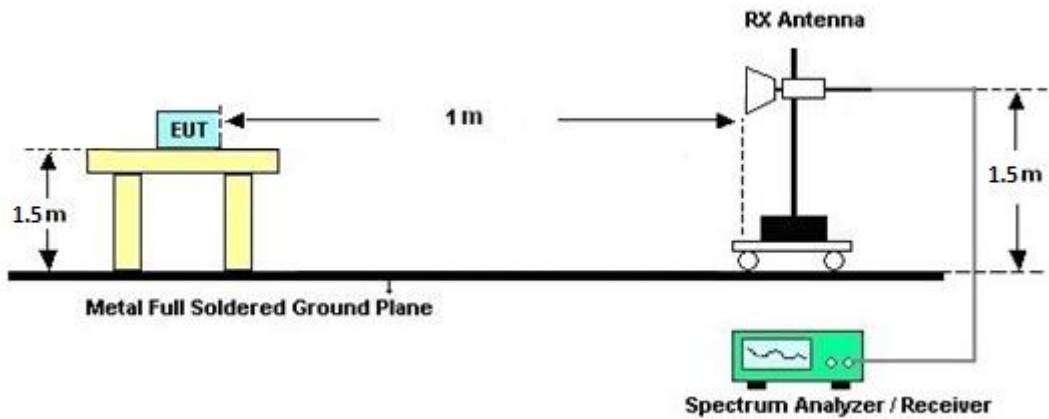
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





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

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

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

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

Please refer to Appendix C and D.

### **3.6.7 Duty Cycle**

Please refer to Appendix E.

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

Please refer to Appendix C and D.



### 3.7 AC Conducted Emission Measurement

#### 3.7.1 Limit of AC Conducted Emission

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

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

\*Decreases with the logarithm of the frequency.

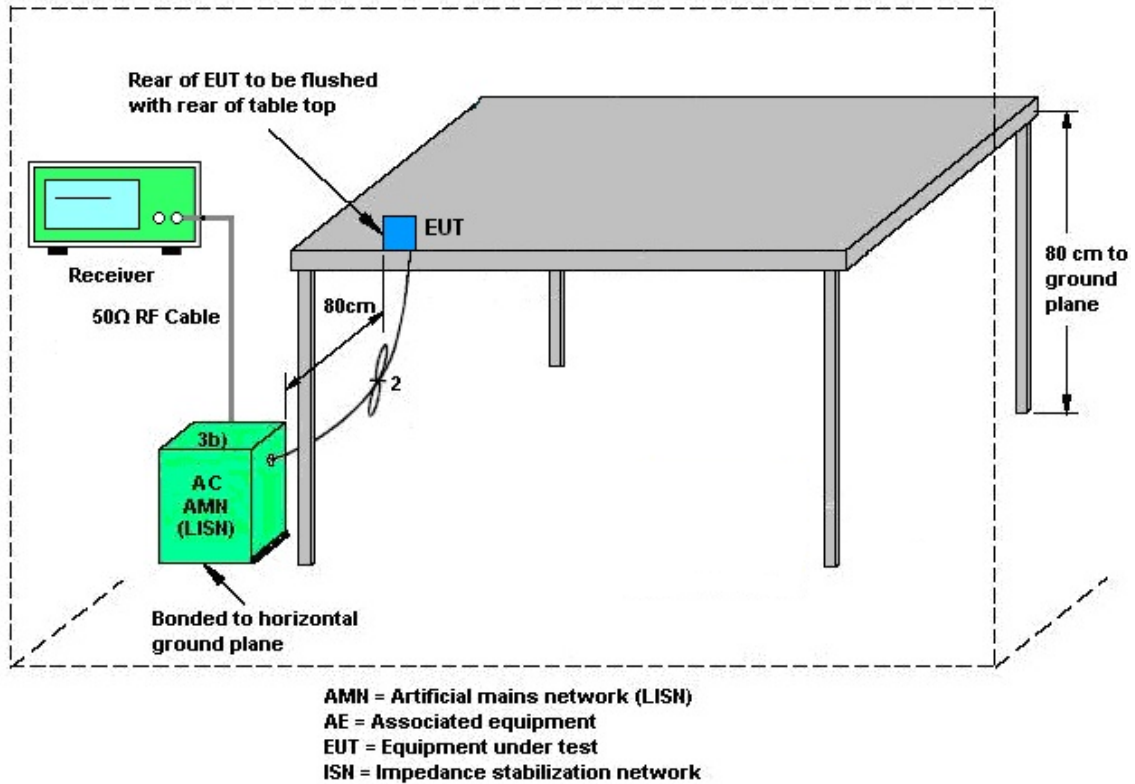
#### 3.7.2 Measuring Instruments

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

#### 3.7.3 Test Procedures

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

### 3.7.4 Test Setup



### 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)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-5	3.70	3.70	3.70	6.71	0	0.71
UNII-6	3.70	3.70	3.70	6.71	0	0.71
UNII-7	3.70	3.70	3.70	6.71	0	0.71
UNII-8	3.70	3.70	3.70	6.71	0	0.71
6GHz CDD mode	Ant F Horizontal polarization (dBi)	Ant G Horizontal polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-5	3.80	3.80	3.80	6.81	0	0.81
UNII-6	3.80	3.80	3.80	6.81	0	0.81
UNII-7	3.80	3.80	3.80	6.81	0	0.81
UNII-8	3.80	3.80	3.80	6.81	0	0.81

Calculation:

Directional gain of power measurement(Horizontal polarization):

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

Directional gain of power measurement(Vertical polarization):

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

Directional gain of PSD measurement (Horizontal polarization):

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

Directional gain of PSD measurement (Vertical polarization):

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



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<sub>ANT MAX</sub> + 10 log(N<sub>ANT</sub>/N<sub>SS</sub>) dBi, where N<sub>SS</sub> = the number of independent spatial streams of data and G<sub>ANT MAX</sub> 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)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-5	3.70	3.70	6.71	6.71	0.71	0.71
UNII-6	3.70	3.70	6.71	6.71	0.71	0.71
UNII-7	3.70	3.70	6.71	6.71	0.71	0.71
UNII-8	3.70	3.70	6.71	6.71	0.71	0.71
6GHz TXBF mode	Ant F Horizontal polarization (dBi)	Ant G Horizontal polarization (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-5	3.80	3.80	6.81	6.81	0.81	0.81
UNII-6	3.80	3.80	6.81	6.81	0.81	0.81
UNII-7	3.80	3.80	6.81	6.81	0.81	0.81
UNII-8	3.80	3.80	6.81	6.81	0.81	0.81

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) = 3.71dBi



## 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
Hygrometer	Testo	608-H1	45142595	N/A	Sep. 03, 2021	Sep. 10, 2021~ Nov. 30, 2021	Sep. 02, 2022	Conducted (TH01-CA)
Power Sensor	EM Electronics Corporation	RPR3006W #010	RPR6W-2101 003	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)
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:	LilianaGonzalez/Andy Kao	Temperature:	17.1~22.5	°C
Test Date:	2021/09/10~2021/11/30	Relative Humidity:	32.4~54.8	%

&lt;CDD Mode&gt;

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

UNII-5 MIMO												
Mod.	Data Rate	N <sub>TX</sub>	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<sub>MAX</sub> + 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<sub>MAX</sub> + 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 <sub>TX</sub>	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 =  $G_{MAX} + \text{Array Gain}$   
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**

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<sub>MAX</sub> + 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 <sub>TX</sub>	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 <sub>TX</sub>	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<sub>MAX</sub> + 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 <sub>TX</sub>	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<sub>MAX</sub> + 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<sub>MAX</sub> + Array Gain  
 Array Gain =  $10 \cdot \log(N_{ant}/N_{ss}) = 10 \cdot \log(2/1) = 3.01 \text{ dB}$  ; N<sub>ant</sub>=2 and N<sub>ss</sub>=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<sub>MAX</sub> + 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<sub>MAX</sub> + 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				
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				
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 =  $G_{MAX} + \text{Array Gain}$   
 $\text{Array Gain} = 10 \cdot \log(\text{Nant}/\text{Nss}) = 10 \cdot \log(2/1) = 3.01 \text{ dB}$ ; 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	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<sub>MAX</sub> + 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 =  $G_{MAX} + \text{Array Gain}$   
 $\text{Array Gain} = 10 \cdot \log(\text{Nant}/\text{Nss}) = 10 \cdot \log(2/1) = 3.01 \text{ dB}$  ; 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**  
**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 =  $G_{MAX}$  + 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<sub>MAX</sub> + 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 =  $G_{MAX}$  + 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 =  $G_{MAX} + \text{Array Gain}$   
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-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

&lt;TXBF Mode&gt;

**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**

UNI-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<sub>MAX</sub> + 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<sub>MAX</sub> + 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 =  $G_{MAX} + \text{Array Gain}$   
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)	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<sub>max</sub> + 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 =  $G_{MAX} + \text{Array Gain}$   
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				
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



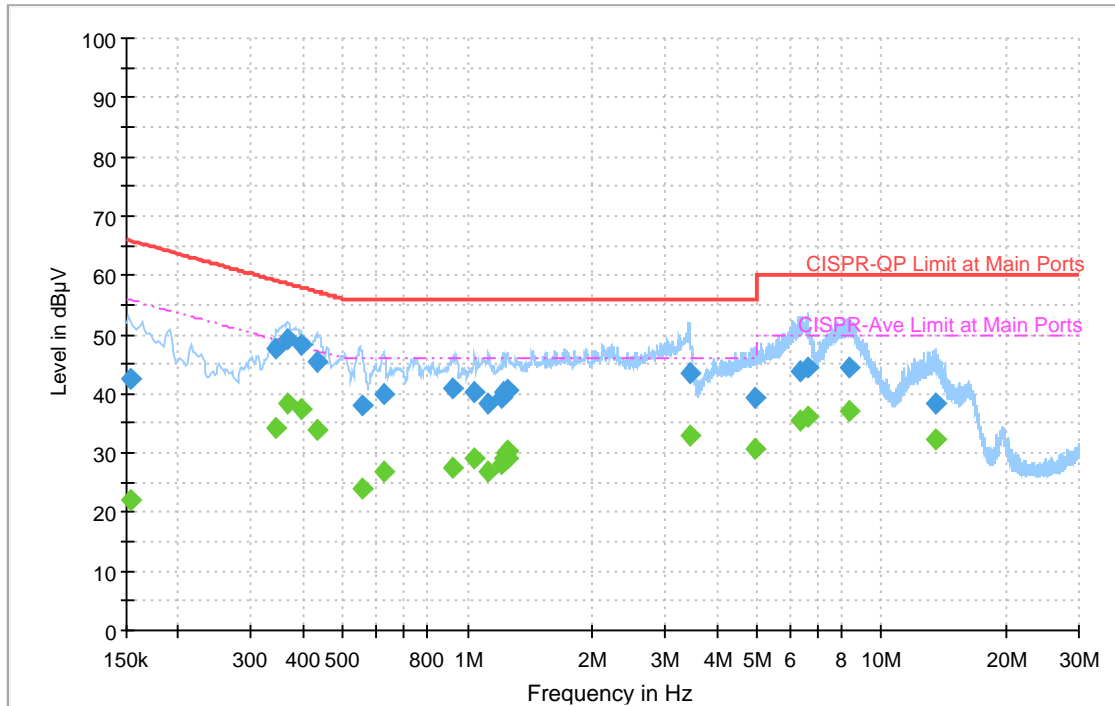
## **Appendix B. AC Conducted Emission Test Results**

<b>Test Engineer :</b> Paul Lin	<b>Temperature :</b>	18~21°C
	<b>Relative Humidity :</b>	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

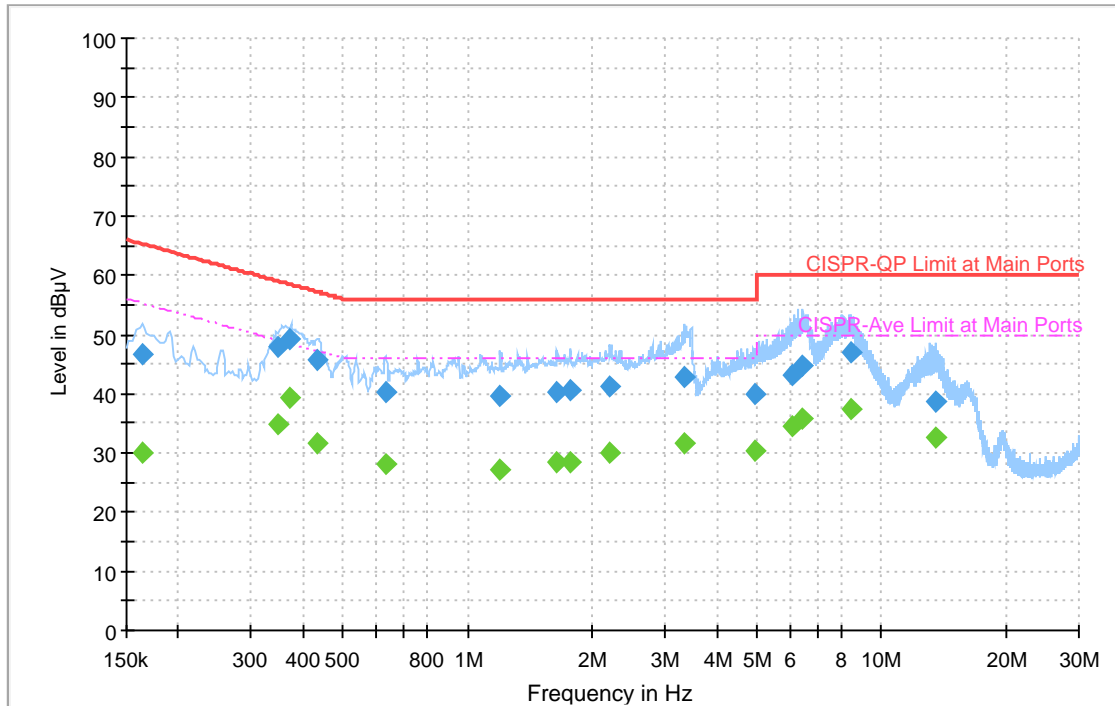


Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
1.212459	39.44	---	56.00	16.56	L1	OFF	20.3
1.226589	---	28.92	46.00	17.08	L1	OFF	20.3
1.226589	40.12	---	56.00	15.88	L1	OFF	20.3
1.236498	---	29.92	46.00	16.08	L1	OFF	20.3
1.236498	40.32	---	56.00	15.68	L1	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°C
		Relative Humidity :	40~43%

<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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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)	
<b>802.11ax HE20 Full CH 01 5955MHz</b>		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
<b>Remark</b>	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 )	Over Limit ( 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 )	Over Limit ( 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	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Full CH 93 6415MHz		11000	50.22	-23.78	74	61.24	40.15	16.85	68.02	-	-	P	H	
		11000	42.01	-11.99	54	53.03	40.15	16.85	68.02	-	-	A	H	
		12830	53.21	-34.99	88.2	63.54	38.9	18.37	67.6	-	-	P	H	
		13300	49.23	-24.77	74	58.9	39.32	18.74	67.73	-	-	P	H	
		13300	42.9	-11.1	54	52.57	39.32	18.74	67.73	-	-	A	H	
		14490	51.29	-22.71	74	57.5	41.94	19.59	67.74	-	-	P	H	
		14490	42.71	-11.29	54	48.92	41.94	19.59	67.74	-	-	A	H	
		18000	60.19	-13.81	74	58.27	48.82	22.52	69.42	-	-	P	H	
		18000	50.18	-3.82	54	48.26	48.82	22.52	69.42	-	-	A	H	
		19245	38.92	-35.08	74	40.48	37.62	13.53	52.71	-	-	P	H	
		36480	47.97	-26.03	74	38.3	42.54	21.91	54.78	-	-	P	H	
		36480	39.44	-14.56	54	29.77	42.54	21.91	54.78	-	-	A	H	
		39780	53.76	-20.24	74	37.96	44.81	24.44	53.45	-	-	P	H	
		39780	45.86	-8.14	54	30.06	44.81	24.44	53.45	-	-	A	H	
			11280	49.4	-24.6	74	60.44	39.67	17.07	67.78	-	-	P	V
			11280	42.07	-11.93	54	53.11	39.67	17.07	67.78	-	-	A	V
			12830	51.65	-36.55	88.2	61.96	38.92	18.37	67.6	-	-	P	V
			13320	49.89	-24.11	74	59.49	39.37	18.75	67.72	-	-	P	V
			13320	43.26	-10.74	54	52.86	39.37	18.75	67.72	-	-	A	V
			14490	51.14	-22.86	74	57.35	41.94	19.59	67.74	-	-	P	V
			14490	43	-11	54	49.21	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	50.34	-3.66	54	48.2	49.04	22.52	69.42	-	-	A	V
			19245	45.8	-28.2	74	47.27	37.71	13.53	52.71	-	-	P	V
			36480	47.68	-26.32	74	37.96	42.59	21.91	54.78	-	-	P	V
			36480	39.61	-14.39	54	29.89	42.59	21.91	54.78	-	-	A	V
		39758	53.45	-20.55	74	38.04	44.62	24.43	53.64	-	-	P	V	
		39758	45.44	-8.56	54	30.03	44.62	24.43	53.64	-	-	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 )	Over Limit ( 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)	
<b>802.11ax HE40 Full CH 03 5965MHz</b>		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
<b>Remark</b>	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 )	Over Limit ( 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 )	Over Limit ( 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
<b>802.11ax</b>													
<b>HE40 Full</b>													
<b>CH 43</b>		12330	55.54	-18.46	74	65.8	39.11	17.91	67.28	235	58	P	V
<b>6165MHz</b>		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 )	Over Limit ( 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 )	Over Limit ( 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)	
<b>802.11ax HE80 Full CH 07 5985MHz</b>		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
<b>Remark</b>	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 )	Over Limit ( 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 )	Over Limit ( 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
<b>802.11ax</b>													
<b>HE80 Full</b>													
<b>CH 39</b>		12290	53.18	-20.82	74	63.45	39.2	17.87	67.34	284	72	P	V
<b>6145MHz</b>		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



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE80 Full CH 87 6385MHz		11420	50.32	-23.68	74	60.76	40.05	17.17	67.66	-	-	P	H	
		11420	42.13	-11.87	54	52.57	40.05	17.17	67.66	-	-	A	H	
		12770	50.86	-37.34	88.2	61.24	38.81	18.31	67.5	-	-	P	H	
		13350	49.18	-24.82	74	58.59	39.51	18.78	67.7	-	-	P	H	
		13350	42	-12	54	51.41	39.51	18.78	67.7	-	-	A	H	
		14490	51.3	-22.7	74	57.51	41.94	19.59	67.74	-	-	P	H	
		14490	42.39	-11.61	54	48.6	41.94	19.59	67.74	-	-	A	H	
		18000	60.44	-13.56	74	58.52	48.82	22.52	69.42	-	-	P	H	
		18000	50.59	-3.41	54	48.67	48.82	22.52	69.42	-	-	A	H	
		19155	42.54	-31.46	74	44.05	37.64	13.54	52.69	-	-	P	H	
		36480	48.27	-25.73	74	38.6	42.54	21.91	54.78	-	-	P	H	
		36480	39.44	-14.56	54	29.77	42.54	21.91	54.78	-	-	A	H	
		39340	53.56	-20.44	74	39.2	44.52	24.14	54.3	-	-	P	H	
		39340	44.49	-9.51	54	30.13	44.52	24.14	54.3	-	-	A	H	



**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found 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 )	Over Limit ( 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)	
<b>802.11ax HE160 Full CH 15 6025MHz</b>		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	
			5911.08	76.28	-11.92	88.2	61.93	32.61	11.97	30.23	178	74	P	V
			5912.68	67.5	-0.7	68.2	53.14	32.62	11.98	30.24	178	74	A	V
	*		6025	116.03	-	-	101.51	32.69	12.1	30.27	178	74	P	V
	*		6025	107.43	-	-	92.91	32.69	12.1	30.27	178	74	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													







WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE160 Full CH 79 6345MHz		11240	49.25	-24.75	74	60.31	39.72	17.03	67.81	-	-	P	H	
		11240	41.03	-12.97	54	52.09	39.72	17.03	67.81	-	-	A	H	
		12690	47.07	-26.93	74	57.52	38.66	18.24	67.35	-	-	P	H	
		13340	49.14	-24.86	74	58.61	39.47	18.77	67.71	-	-	P	H	
		13340	42.01	-11.99	54	51.48	39.47	18.77	67.71	-	-	A	H	
		14490	50.75	-23.25	74	56.96	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	60.18	-13.82	74	58.26	48.82	22.52	69.42	-	-	P	H	
		18000	50.35	-3.65	54	48.43	48.82	22.52	69.42	-	-	A	H	
		19035	39.33	-34.67	74	40.8	37.66	13.56	52.69	-	-	P	H	
		36480	48.53	-25.47	74	38.86	42.54	21.91	54.78	-	-	P	H	
		36480	39.91	-14.09	54	30.24	42.54	21.91	54.78	-	-	A	H	
		39780	53.24	-20.76	74	37.44	44.81	24.44	53.45	-	-	P	H	
		39780	46.22	-7.78	54	30.42	44.81	24.44	53.45	-	-	A	H	
			11020	49.67	-24.33	74	60.75	40.05	16.87	68	-	-	P	V
			11020	41.47	-12.53	54	52.55	40.05	16.87	68	-	-	A	V
			12690	47.37	-26.63	74	57.89	38.59	18.24	67.35	-	-	P	V
			13370	48.01	-25.99	74	57.35	39.56	18.79	67.69	-	-	P	V
			13370	42.21	-11.79	54	51.55	39.56	18.79	67.69	-	-	A	V
		14490	50.68	-23.32	74	56.89	41.94	19.59	67.74	-	-	P	V	
		14490	43.55	-10.45	54	49.76	41.94	19.59	67.74	-	-	A	V	
		18000	60.71	-13.29	74	58.57	49.04	22.52	69.42	-	-	P	V	
		18000	49.95	-4.05	54	47.81	49.04	22.52	69.42	-	-	A	V	
		19035	43.64	-30.36	74	45.02	37.75	13.56	52.69	-	-	P	V	
		36480	49.23	-24.77	74	39.51	42.59	21.91	54.78	-	-	P	V	
		36480	39.62	-14.38	54	29.9	42.59	21.91	54.78	-	-	A	V	
		39802	53.67	-20.33	74	37.88	44.63	24.46	53.3	-	-	P	V	
		39802	46.14	-7.86	54	30.35	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 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	Over Limit ( 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 )	
<b>802.11ax HE80 Full CH 103 6465MHz</b>		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 )	Over Limit ( 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 )	Over Limit ( 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 )	
<b>802.11ax HE160 Full CH 111 6505MHz</b>		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	Over	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 )	Over Limit ( 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	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 181 6855MHz		11410	49.2	-24.8	74	59.68	40.03	17.16	67.67	-	-	P	H
		11410	40.96	-13.04	54	51.44	40.03	17.16	67.67	-	-	A	H
		13370	48.48	-25.52	74	57.81	39.57	18.79	67.69	-	-	P	H
		13370	42.14	-11.86	54	51.47	39.57	18.79	67.69	-	-	A	H
		13710	51.41	-36.79	88.2	60.08	40.18	19.02	67.87	-	-	P	H
		14490	50.64	-23.36	74	56.85	41.94	19.59	67.74	-	-	P	H
		14490	43.63	-10.37	54	49.84	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	50.38	-3.62	54	48.46	48.82	22.52	69.42	-	-	A	H
		20565	54.94	-19.06	74	56.1	37.84	13.8	52.8	150	52	P	H
		20565	44.62	-9.38	54	45.78	37.84	13.8	52.8	150	52	A	H
		36480	49.33	-24.67	74	39.66	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	53.65	-20.35	74	37.66	44.83	24.46	53.3	-	-	P	H
		39802	46.22	-7.78	54	30.23	44.83	24.46	53.3	-	-	A	H
		11370	50.41	-23.59	74	61.11	39.87	17.13	67.7	-	-	P	V
		11370	41.5	-12.5	54	52.2	39.87	17.13	67.7	-	-	A	V
		13310	48.95	-25.05	74	58.59	39.34	18.74	67.72	-	-	P	V
		13310	41.98	-12.02	54	51.62	39.34	18.74	67.72	-	-	A	V
		13710	52.73	-35.47	88.2	61.39	40.19	19.02	67.87	-	-	P	V
		14490	50.61	-23.39	74	56.82	41.94	19.59	67.74	-	-	P	V
		14490	43.56	-10.44	54	49.77	41.94	19.59	67.74	-	-	A	V
		18000	60.36	-13.64	74	58.22	49.04	22.52	69.42	-	-	P	V
		18000	50.48	-3.52	54	48.34	49.04	22.52	69.42	-	-	A	V
		20565	51.47	-22.53	74	52.68	37.79	13.8	52.8	150	50	P	V
		20565	40.81	-13.19	54	42.02	37.79	13.8	52.8	150	50	A	V
		36480	49.41	-24.59	74	39.69	42.59	21.91	54.78	-	-	P	V
		36480	40.45	-13.55	54	30.73	42.59	21.91	54.78	-	-	A	V
		39956	53.27	-20.73	74	38.2	44.68	24.56	54.17	-	-	P	V
		39956	45.75	-8.25	54	30.68	44.68	24.56	54.17	-	-	A	V





WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 185 6875MHz		11350	49.79	-24.21	74	60.5	39.9	17.11	67.72	-	-	P	H	
		11350	41.73	-12.27	54	52.44	39.9	17.11	67.72	-	-	A	H	
		13320	49.1	-24.9	74	58.67	39.4	18.75	67.72	-	-	P	H	
		13320	42.16	-11.84	54	51.73	39.4	18.75	67.72	-	-	A	H	
		13750	53.38	-34.82	88.2	62.04	40.23	19.03	67.92	-	-	P	H	
		14490	50.3	-23.7	74	56.51	41.94	19.59	67.74	-	-	P	H	
		14490	42.99	-11.01	54	49.2	41.94	19.59	67.74	-	-	A	H	
		18000	60.36	-13.64	74	58.44	48.82	22.52	69.42	-	-	P	H	
		18000	50.43	-3.57	54	48.51	48.82	22.52	69.42	-	-	A	H	
		20618	47.69	-26.31	74	48.77	37.86	13.84	52.78	-	-	P	H	
		36480	48.45	-25.55	74	38.78	42.54	21.91	54.78	-	-	P	H	
		36480	40.3	-13.7	54	30.63	42.54	21.91	54.78	-	-	A	H	
		39978	53.43	-20.57	74	38.12	44.93	24.58	54.2	-	-	P	H	
		39978	45.93	-8.07	54	30.62	44.93	24.58	54.2	-	-	A	H	
			11280	49.85	-24.15	74	60.89	39.67	17.07	67.78	-	-	P	V
			11280	40.63	-13.37	54	51.67	39.67	17.07	67.78	-	-	A	V
			13350	49.31	-24.69	74	58.76	39.47	18.78	67.7	-	-	P	V
			13350	42.02	-11.98	54	51.47	39.47	18.78	67.7	-	-	A	V
			13750	52.71	-35.49	88.2	61.36	40.24	19.03	67.92	-	-	P	V
			14490	51.31	-22.69	74	57.52	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	60.65	-13.35	74	58.51	49.04	22.52	69.42	-	-	P	V
			18000	50.64	-3.36	54	48.5	49.04	22.52	69.42	-	-	A	V
			20618	44.9	-29.1	74	46.02	37.82	13.84	52.78	-	-	P	V
			36480	49.58	-24.42	74	39.86	42.59	21.91	54.78	-	-	P	V
			36480	40.28	-13.72	54	30.56	42.59	21.91	54.78	-	-	A	V
			39802	53.7	-20.3	74	37.91	44.63	24.46	53.3	-	-	P	V
			39802	46.03	-7.97	54	30.24	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-7 - 6525~6875MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 117 6535MHz		11500	50.26	-23.74	74	60.45	40.17	17.23	67.59	-	-	P	H	
		11500	42.1	-11.9	54	52.29	40.17	17.23	67.59	-	-	A	H	
		13070	50.63	-37.57	88.2	60.99	38.95	18.56	67.87	-	-	P	H	
		13390	49.37	-24.63	74	58.61	39.63	18.81	67.68	-	-	P	H	
		13390	42.37	-11.63	54	51.61	39.63	18.81	67.68	-	-	A	H	
		14490	51.38	-22.62	74	57.59	41.94	19.59	67.74	-	-	P	H	
		14490	43.43	-10.57	54	49.64	41.94	19.59	67.74	-	-	A	H	
		18000	60.2	-13.8	74	58.28	48.82	22.52	69.42	-	-	P	H	
		18000	50.64	-3.36	54	48.72	48.82	22.52	69.42	-	-	A	H	
		19605	39.61	-34.39	74	41.34	37.58	13.46	52.77	-	-	P	H	
		36480	48.7	-25.3	74	39.03	42.54	21.91	54.78	-	-	P	H	
		36480	40.11	-13.89	54	30.44	42.54	21.91	54.78	-	-	A	H	
		39714	53.78	-20.22	74	38.62	44.78	24.4	54.02	-	-	P	H	
		39714	46	-8	54	30.84	44.78	24.4	54.02	-	-	A	H	
			11570	49.88	-24.12	74	60.19	40.01	17.3	67.62	-	-	P	V
			11570	41.55	-12.45	54	51.86	40.01	17.3	67.62	-	-	A	V
			13070	49.83	-38.37	88.2	60.25	38.89	18.56	67.87	-	-	P	V
			13380	49.61	-24.39	74	58.88	39.61	18.8	67.68	-	-	P	V
			13380	42.03	-11.97	54	51.3	39.61	18.8	67.68	-	-	A	V
			14490	50.88	-23.12	74	57.09	41.94	19.59	67.74	-	-	P	V
			14490	43.79	-10.21	54	50	41.94	19.59	67.74	-	-	A	V
			18000	60.24	-13.76	74	58.1	49.04	22.52	69.42	-	-	P	V
			18000	50.32	-3.68	54	48.18	49.04	22.52	69.42	-	-	A	V
			19605	40.11	-33.89	74	41.75	37.67	13.46	52.77	-	-	P	V
			36480	48.93	-25.07	74	39.21	42.59	21.91	54.78	-	-	P	V
			36480	39.86	-14.14	54	30.14	42.59	21.91	54.78	-	-	A	V
			39758	53.71	-20.29	74	38.3	44.62	24.43	53.64	-	-	P	V
		39758	45.67	-8.33	54	30.26	44.62	24.43	53.64	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		12060	50.12	-23.88	74	60.86	39.28	17.69	67.71	-	-	P	H
		12060	41	-13	54	51.74	39.28	17.69	67.71	-	-	A	H
		13390	59.61	-14.39	74	68.73	39.75	18.81	67.68	242	247	P	H
		13390	49.68	-4.32	54	58.8	39.75	18.81	67.68	242	247	A	H
		14490	51.7	-22.3	74	57.91	41.94	19.59	67.74	-	-	P	H
		14490	45.22	-8.78	54	51.43	41.94	19.59	67.74	-	-	A	H
		17980	59.98	-14.02	74	58.6	48.3	22.5	69.42	-	-	P	H
		17980	49.88	-4.12	54	48.5	48.3	22.5	69.42	-	-	A	H
		20090	40.38	-33.62	74	42.14	37.67	13.46	52.89	-	-	P	H
		36480	48.49	-25.51	74	38.82	42.54	21.91	54.78	-	-	P	H
		36480	40.08	-13.92	54	30.41	42.54	21.91	54.78	-	-	A	H
		39802	53.56	-20.44	74	37.57	44.83	24.46	53.3	-	-	P	H
		39802	46.55	-7.45	54	30.56	44.83	24.46	53.3	-	-	A	H
<b>802.11ax</b>													
<b>HE20 Full</b>													
<b>CH 149</b>		10880	50.36	-23.64	74	61.78	40	16.76	68.18	-	-	P	V
<b>6695MHz</b>		10880	40.87	-13.13	54	52.29	40	16.76	68.18	-	-	A	V
		13390	59.26	-14.74	74	68.35	39.78	18.81	67.68	272	311	P	V
		13390	49.37	-4.63	54	58.46	39.78	18.81	67.68	272	311	A	V
		14490	50.44	-23.56	74	56.65	41.94	19.59	67.74	-	-	P	V
		14490	43.53	-10.47	54	49.74	41.94	19.59	67.74	-	-	A	V
		17990	60.1	-13.9	74	58.19	48.82	22.51	69.42	-	-	P	V
		17990	50.3	-3.7	54	48.39	48.82	22.51	69.42	-	-	A	V
		20090	39.99	-34.01	74	41.73	37.69	13.46	52.89	-	-	P	V
		36480	47.4	-26.6	74	37.68	42.59	21.91	54.78	-	-	P	V
		39846	53.44	-20.56	74	37.97	44.64	24.49	53.66	-	-	P	V
		39846	45.97	-8.03	54	30.5	44.64	24.49	53.66	-	-	A	V



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		11260	50.22	-23.78	74	61.24	39.73	17.05	67.8	-	-	P	H
		11260	41.33	-12.67	54	52.35	39.73	17.05	67.8	-	-	A	H
		13350	49.44	-24.56	74	58.85	39.51	18.78	67.7	-	-	P	H
		13350	42.36	-11.64	54	51.77	39.51	18.78	67.7	-	-	A	H
		13710	52.5	-35.7	88.2	61.17	40.18	19.02	67.87	-	-	P	H
		14490	51	-23	74	57.21	41.94	19.59	67.74	-	-	P	H
		14490	43.39	-10.61	54	49.6	41.94	19.59	67.74	-	-	A	H
		18000	60.13	-13.87	74	58.21	48.82	22.52	69.42	-	-	P	H
		18000	50.45	-3.55	54	48.53	48.82	22.52	69.42	-	-	A	H
		20565	47.4	-26.6	74	48.56	37.84	13.8	52.8	-	-	P	H
		36480	47.89	-26.11	74	38.22	42.54	21.91	54.78	-	-	P	H
		39802	53.22	-20.78	74	37.23	44.83	24.46	53.3	-	-	P	H
		39802	46.2	-7.8	54	30.21	44.83	24.46	53.3	-	-	A	H
<b>802.11ax</b>													
<b>HE20 Full</b>													
<b>CH 181</b>		11320	50.34	-23.66	74	61.23	39.75	17.1	67.74	-	-	P	V
<b>6855MHz</b>		11320	41.38	-12.62	54	52.27	39.75	17.1	67.74	-	-	A	V
		13380	48.9	-25.1	74	58.17	39.61	18.8	67.68	-	-	P	V
		13380	42.16	-11.84	54	51.43	39.61	18.8	67.68	-	-	A	V
		13710	51.11	-37.09	88.2	59.77	40.19	19.02	67.87	-	-	P	V
		14490	51.61	-22.39	74	57.82	41.94	19.59	67.74	-	-	P	V
		14490	43.3	-10.7	54	49.51	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	50.24	-3.76	54	48.1	49.04	22.52	69.42	-	-	A	V
		20565	45.04	-28.96	74	46.25	37.79	13.8	52.8	-	-	P	V
		36480	48.29	-25.71	74	38.57	42.59	21.91	54.78	-	-	P	V
		36480	40	-14	54	30.28	42.59	21.91	54.78	-	-	A	V
		39868	53.53	-20.47	74	38.22	44.65	24.5	53.84	-	-	P	V
		39868	45.66	-8.34	54	30.35	44.65	24.5	53.84	-	-	A	V



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		11430	49.99	-24.01	74	60.39	40.07	17.18	67.65	-	-	P	H
		11430	41.69	-12.31	54	52.09	40.07	17.18	67.65	-	-	A	H
		13330	49.43	-24.57	74	58.95	39.43	18.76	67.71	-	-	P	H
		13330	41.86	-12.14	54	51.38	39.43	18.76	67.71	-	-	A	H
		13750	52.76	-35.44	88.2	61.42	40.23	19.03	67.92	-	-	P	H
		14490	50.84	-23.16	74	57.05	41.94	19.59	67.74	-	-	P	H
		14490	43.16	-10.84	54	49.37	41.94	19.59	67.74	-	-	A	H
		18000	60.19	-13.81	74	58.27	48.82	22.52	69.42	-	-	P	H
		18000	50.03	-3.97	54	48.11	48.82	22.52	69.42	-	-	A	H
		20625	45.95	-28.05	74	47.02	37.86	13.85	52.78	-	-	P	H
		36480	47.27	-26.73	74	37.6	42.54	21.91	54.78	-	-	P	H
		39780	52.83	-21.17	74	37.03	44.81	24.44	53.45	-	-	P	H
		39780	46.57	-7.43	54	30.77	44.81	24.44	53.45	-	-	A	H
<b>i802.11ax</b>													
<b>HE20 Full</b>													
<b>CH 185</b>													
<b>6875MHz</b>		11150	50.1	-23.9	74	61.21	39.81	16.97	67.89	-	-	P	V
		11150	40.64	-13.36	54	51.75	39.81	16.97	67.89	-	-	A	V
		13320	49.39	-24.61	74	58.99	39.37	18.75	67.72	-	-	P	V
		13320	41.71	-12.29	54	51.31	39.37	18.75	67.72	-	-	A	V
		13750	53.49	-34.71	88.2	62.14	40.24	19.03	67.92	-	-	P	V
		14490	51.6	-22.4	74	57.81	41.94	19.59	67.74	-	-	P	V
		14490	43.06	-10.94	54	49.27	41.94	19.59	67.74	-	-	A	V
		18000	60.36	-13.64	74	58.22	49.04	22.52	69.42	-	-	P	V
		18000	50.14	-3.86	54	48	49.04	22.52	69.42	-	-	A	V
		20625	45.89	-28.11	74	47	37.82	13.85	52.78	-	-	P	V
		36480	47.8	-26.2	74	38.08	42.59	21.91	54.78	-	-	P	V
		39780	53.39	-20.61	74	37.78	44.62	24.44	53.45	-	-	P	V
		39780	46.1	-7.9	54	30.49	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 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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 123 6565MHz		11400	49.99	-24.01	74	60.51	40.01	17.15	67.68	-	-	P	H	
		11400	42.49	-11.51	54	53.01	40.01	17.15	67.68	-	-	A	H	
		13130	51.45	-36.75	88.2	61.78	38.9	18.6	67.83	-	-	P	H	
		13290	49.57	-24.43	74	59.3	39.28	18.73	67.74	-	-	P	H	
		13290	41.76	-12.24	54	51.49	39.28	18.73	67.74	-	-	A	H	
		14490	51.6	-22.4	74	57.81	41.94	19.59	67.74	-	-	P	H	
		14490	43.83	-10.17	54	50.04	41.94	19.59	67.74	-	-	A	H	
		18000	60.18	-13.82	74	58.26	48.82	22.52	69.42	-	-	P	H	
		18000	49.92	-4.08	54	48	48.82	22.52	69.42	-	-	A	H	
		19695	39.76	-34.24	74	41.57	37.59	13.44	52.84	-	-	P	H	
		36480	48.62	-25.38	74	38.95	42.54	21.91	54.78	-	-	P	H	
		36480	40.32	-13.68	54	30.65	42.54	21.91	54.78	-	-	A	H	
		39978	53.8	-20.2	74	38.49	44.93	24.58	54.2	-	-	P	H	
		39978	45.5	-8.5	54	30.19	44.93	24.58	54.2	-	-	A	H	
			11410	49.88	-24.12	74	60.44	39.95	17.16	67.67	-	-	P	V
			11410	42.12	-11.88	54	52.68	39.95	17.16	67.67	-	-	A	V
			13130	50.07	-38.13	88.2	60.4	38.9	18.6	67.83	-	-	P	V
			13350	49.06	-24.94	74	58.51	39.47	18.78	67.7	-	-	P	V
			13350	42.03	-11.97	54	51.48	39.47	18.78	67.7	-	-	A	V
			14490	51.01	-22.99	74	57.22	41.94	19.59	67.74	-	-	P	V
			14490	42.76	-11.24	54	48.97	41.94	19.59	67.74	-	-	A	V
			18000	60.52	-13.48	74	58.38	49.04	22.52	69.42	-	-	P	V
			18000	50.14	-3.86	54	48	49.04	22.52	69.42	-	-	A	V
		19695	40.2	-33.8	74	41.93	37.67	13.44	52.84	-	-	P	V	
		36480	47.99	-26.01	74	38.27	42.59	21.91	54.78	-	-	P	V	
		39956	53.12	-20.88	74	38.05	44.68	24.56	54.17	-	-	P	V	
		39956	45.48	-8.52	54	30.41	44.68	24.56	54.17	-	-	A	V	





WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		11360	50.57	-23.43	74	61.24	39.92	17.12	67.71	-	-	P	H
		11360	41.55	-12.45	54	52.22	39.92	17.12	67.71	-	-	A	H
		13370	59.79	-14.21	74	68.99	39.7	18.79	67.69	147	286	P	H
		13370	50.48	-3.52	54	59.68	39.7	18.79	67.69	147	286	A	H
		14490	51.23	-22.77	74	57.44	41.94	19.59	67.74	-	-	P	H
		14490	42.47	-11.53	54	48.68	41.94	19.59	67.74	-	-	A	H
		17990	59.95	-14.05	74	58.3	48.56	22.51	69.42	-	-	P	H
		17990	50.05	-3.95	54	48.4	48.56	22.51	69.42	-	-	A	H
		20055	40.85	-33.15	74	42.66	37.65	13.43	52.89	-	-	P	H
		36480	47.92	-26.08	74	38.25	42.54	21.91	54.78	-	-	P	H
		39824	53.37	-20.63	74	37.54	44.84	24.47	53.48	-	-	P	H
		39824	46.14	-7.86	54	30.31	44.84	24.47	53.48	-	-	A	H
<b>802.11ax</b>													
<b>HE40 Full</b>													
<b>CH 147</b>		10940	50.2	-23.8	74	61.39	40.11	16.8	68.1	-	-	P	V
<b>6685MHz</b>		10940	41.86	-12.14	54	53.05	40.11	16.8	68.1	-	-	A	V
		13370	59.26	-14.74	74	68.47	39.69	18.79	67.69	272	310	P	V
		13370	49.44	-4.56	54	58.65	39.69	18.79	67.69	272	310	A	V
		14490	51.69	-22.31	74	57.9	41.94	19.59	67.74	-	-	P	V
		14490	43.56	-10.44	54	49.77	41.94	19.59	67.74	-	-	A	V
		17990	60.4	-13.6	74	58.49	48.82	22.51	69.42	-	-	P	V
		17990	50.7	-3.3	54	48.79	48.82	22.51	69.42	-	-	A	V
		20055	40.46	-33.54	74	42.23	37.69	13.43	52.89	-	-	P	V
		36480	49.05	-24.95	74	39.33	42.59	21.91	54.78	-	-	P	V
		36480	39.81	-14.19	54	30.09	42.59	21.91	54.78	-	-	A	V
		39780	53.72	-20.28	74	38.11	44.62	24.44	53.45	-	-	P	V
		39780	46.34	-7.66	54	30.73	44.62	24.44	53.45	-	-	A	V



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 179 6845MHz		11330	50.24	-23.76	74	61.04	39.84	17.1	67.74	-	-	P	H	
		11330	40.94	-13.06	54	51.74	39.84	17.1	67.74	-	-	A	H	
		13300	49.24	-24.76	74	58.91	39.32	18.74	67.73	-	-	P	H	
		13300	41.95	-12.05	54	51.62	39.32	18.74	67.73	-	-	A	H	
		13690	50.35	-37.85	88.2	59.02	40.17	19.01	67.85	-	-	P	H	
		14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	H	
		14490	42.85	-11.15	54	49.06	41.94	19.59	67.74	-	-	A	H	
		18000	60.59	-13.41	74	58.67	48.82	22.52	69.42	-	-	P	H	
		18000	50.02	-3.98	54	48.1	48.82	22.52	69.42	-	-	A	H	
		20535	51.01	-22.99	74	52.24	37.82	13.78	52.83	150	165	P	H	
		20535	40.63	-13.37	54	41.86	37.82	13.78	52.83	150	165	A	H	
		36480	48.53	-25.47	74	38.86	42.54	21.91	54.78	-	-	P	H	
		36480	40.17	-13.83	54	30.5	42.54	21.91	54.78	-	-	A	H	
		39868	53.59	-20.41	74	38.06	44.87	24.5	53.84	-	-	P	H	
		39868	46.2	-7.8	54	30.67	44.87	24.5	53.84	-	-	A	H	
		11410	50.86	-23.14	74	61.42	39.95	17.16	67.67	-	-	P	V	
		11410	41.16	-12.84	54	51.72	39.95	17.16	67.67	-	-	A	V	
		13350	49.62	-24.38	74	59.07	39.47	18.78	67.7	-	-	P	V	
		13350	41.9	-12.1	54	51.35	39.47	18.78	67.7	-	-	A	V	
		13690	50.59	-37.61	88.2	59.27	40.16	19.01	67.85	-	-	P	V	
		14490	51.69	-22.31	74	57.9	41.94	19.59	67.74	-	-	P	V	
		14490	43.11	-10.89	54	49.32	41.94	19.59	67.74	-	-	A	V	
		18000	60.42	-13.58	74	58.28	49.04	22.52	69.42	-	-	P	V	
		18000	50.49	-3.51	54	48.35	49.04	22.52	69.42	-	-	A	V	
		20535	44.72	-29.28	74	45.99	37.78	13.78	52.83	-	-	P	V	
		36480	47.91	-26.09	74	38.19	42.59	21.91	54.78	-	-	P	V	
		39934	53.62	-20.38	74	38.54	44.67	24.55	54.14	-	-	P	V	
		39934	45.89	-8.11	54	30.81	44.67	24.55	54.14	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 187 6885MHz		11400	52.15	-21.85	74	62.58	40.1	17.15	67.68	-	-	P	H	
		11400	42.62	-11.38	54	53.05	40.1	17.15	67.68	-	-	A	H	
		13370	52.41	-21.59	74	61.74	39.57	18.79	67.69	-	-	P	H	
		13370	42.77	-11.23	54	52.1	39.57	18.79	67.69	-	-	A	H	
		13770	53.18	-35.02	88.2	61.91	40.16	19.05	67.94	-	-	P	H	
		14490	52.17	-21.83	74	58.56	41.76	19.59	67.74	-	-	P	H	
		14490	43.04	-10.96	54	49.43	41.76	19.59	67.74	-	-	A	H	
		18000	60.47	-13.53	74	58.94	48.43	22.52	69.42	-	-	P	H	
		18000	50.32	-3.68	54	48.79	48.43	22.52	69.42	-	-	A	H	
		20655	43.28	-30.72	74	44.3	37.88	13.87	52.77	-	-	P	H	
		36480	48.59	-25.41	74	38.92	42.54	21.91	54.78	-	-	P	H	
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H	
		39956	53.24	-20.76	74	37.93	44.92	24.56	54.17	-	-	P	H	
		39956	45.93	-8.07	54	30.62	44.92	24.56	54.17	-	-	A	H	
			11500	52.2	-21.8	74	62.31	40.25	17.23	67.59	-	-	P	V
			11500	42.76	-11.24	54	52.87	40.25	17.23	67.59	-	-	A	V
			13380	52.16	-21.84	74	61.44	39.6	18.8	67.68	-	-	P	V
			13380	43.14	-10.86	54	52.42	39.6	18.8	67.68	-	-	A	V
			13770	52.93	-35.27	88.2	61.77	40.05	19.05	67.94	-	-	P	V
			14490	51.11	-22.89	74	57.63	41.63	19.59	67.74	-	-	P	V
			14490	43.34	-10.66	54	49.86	41.63	19.59	67.74	-	-	A	V
			18000	60.46	-13.54	74	59.35	48.01	22.52	69.42	-	-	P	V
			18000	50.78	-3.22	54	49.67	48.01	22.52	69.42	-	-	A	V
			20655	42.28	-31.72	74	43.35	37.83	13.87	52.77	-	-	P	V
			36480	47.65	-26.35	74	37.93	42.59	21.91	54.78	-	-	P	V
			39362	53.12	-20.88	74	38.85	44.43	24.16	54.32	-	-	P	V
			39362	44.98	-9.02	54	30.71	44.43	24.16	54.32	-	-	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 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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 135 6625MHz		11330	50.55	-23.45	74	61.35	39.84	17.1	67.74	-	-	P	H	
		11330	41.64	-12.36	54	52.44	39.84	17.1	67.74	-	-	A	H	
		13250	56.49	-17.51	74	66.38	39.19	18.68	67.76	189	291	P	H	
		13250	46.38	-7.62	54	56.27	39.19	18.68	67.76	189	291	A	H	
		14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	H	
		14490	42.74	-11.26	54	48.95	41.94	19.59	67.74	-	-	A	H	
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H	
		18000	50.53	-3.47	54	48.61	48.82	22.52	69.42	-	-	A	H	
		19875	40.74	-33.26	74	42.59	37.62	13.41	52.88	-	-	P	H	
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H	
		36480	40.28	-13.72	54	30.61	42.54	21.91	54.78	-	-	A	H	
		38856	52.97	-21.03	74	39.76	44.27	23.73	54.79	-	-	P	H	
		38856	44.07	-9.93	54	30.86	44.27	23.73	54.79	-	-	A	H	
			11410	50.45	-23.55	74	61.01	39.95	17.16	67.67	-	-	P	V
			11410	40.84	-13.16	54	51.4	39.95	17.16	67.67	-	-	A	V
			13250	50.67	-23.33	74	60.59	39.16	18.68	67.76	305	204	P	V
			13250	41.36	-12.64	54	51.28	39.16	18.68	67.76	305	204	A	V
			14490	51.71	-22.29	74	57.92	41.94	19.59	67.74	-	-	P	V
			14490	42.88	-11.12	54	49.09	41.94	19.59	67.74	-	-	A	V
			18000	60.53	-13.47	74	58.39	49.04	22.52	69.42	-	-	P	V
			18000	50.7	-3.3	54	48.56	49.04	22.52	69.42	-	-	A	V
		19875	41.18	-32.82	74	42.97	37.68	13.41	52.88	-	-	P	V	
		36480	50.08	-23.92	74	40.36	42.59	21.91	54.78	-	-	P	V	
		36480	40.17	-13.83	54	30.45	42.59	21.91	54.78	-	-	A	V	
		39846	53.38	-20.62	74	37.91	44.64	24.49	53.66	-	-	P	V	
		39846	45.94	-8.06	54	30.47	44.64	24.49	53.66	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		11480	49.44	-24.56	74	59.68	40.15	17.22	67.61	-	-	P	H
		11480	42.13	-11.87	54	52.37	40.15	17.22	67.61	-	-	A	H
		13410	51.54	-36.66	88.2	60.66	39.71	18.83	67.66	-	-	P	H
		14490	51.4	-22.6	74	57.61	41.94	19.59	67.74	-	-	P	H
		14490	43.51	-10.49	54	49.72	41.94	19.59	67.74	-	-	A	H
		18000	60.12	-13.88	74	58.2	48.82	22.52	69.42	-	-	P	H
		18000	50.1	-3.9	54	48.18	48.82	22.52	69.42	-	-	A	H
		20115	38.37	-35.63	74	40.11	37.68	13.47	52.89	-	-	P	H
		36480	49.37	-24.63	74	39.7	42.54	21.91	54.78	-	-	P	H
		36480	40.31	-13.69	54	30.64	42.54	21.91	54.78	-	-	A	H
		39230	52.93	-21.07	74	38.74	44.43	24.07	54.31	-	-	P	H
		39230	45	-9	54	30.81	44.43	24.07	54.31	-	-	A	H
<b>802.11ax</b>													
<b>HE80 Full</b>													
<b>CH 151</b>		11330	49.89	-24.11	74	60.75	39.78	17.1	67.74	-	-	P	V
<b>6705MHz</b>		11330	41.56	-12.44	54	52.42	39.78	17.1	67.74	-	-	A	V
		13410	50.45	-37.75	88.2	59.54	39.74	18.83	67.66	-	-	P	V
		14490	50.49	-23.51	74	56.7	41.94	19.59	67.74	-	-	P	V
		14490	42.67	-11.33	54	48.88	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	50.78	-3.22	54	48.64	49.04	22.52	69.42	-	-	A	V
		20115	38.62	-35.38	74	40.34	37.7	13.47	52.89	-	-	P	V
		36480	49.68	-24.32	74	39.96	42.59	21.91	54.78	-	-	P	V
		36480	40.36	-13.64	54	30.64	42.59	21.91	54.78	-	-	A	V
		39340	52.82	-21.18	74	38.57	44.41	24.14	54.3	-	-	P	V
		39340	44.69	-9.31	54	30.44	44.41	24.14	54.3	-	-	A	V



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 167 6785MHz		11320	49.58	-24.42	74	60.41	39.81	17.1	67.74	-	-	P	H	
		11320	42.16	-11.84	54	52.99	39.81	17.1	67.74	-	-	A	H	
		13310	48.6	-25.4	74	58.22	39.36	18.74	67.72	-	-	P	H	
		13310	42.09	-11.91	54	51.71	39.36	18.74	67.72	-	-	A	H	
		13570	50.33	-37.87	88.2	59.09	39.99	18.95	67.7	-	-	P	H	
		14490	50.62	-23.38	74	56.83	41.94	19.59	67.74	-	-	P	H	
		14490	42.37	-11.63	54	48.58	41.94	19.59	67.74	-	-	A	H	
		18000	60.53	-13.47	74	58.61	48.82	22.52	69.42	-	-	P	H	
		18000	50.08	-3.92	54	48.16	48.82	22.52	69.42	-	-	A	H	
		20355	43.07	-30.93	74	44.55	37.76	13.65	52.89	-	-	P	H	
		36480	50.12	-23.88	74	40.45	42.54	21.91	54.78	-	-	P	H	
		36480	39.77	-14.23	54	30.1	42.54	21.91	54.78	-	-	A	H	
		39978	53.26	-20.74	74	37.95	44.93	24.58	54.2	-	-	P	H	
		39978	45.16	-8.84	54	29.85	44.93	24.58	54.2	-	-	A	H	
			11390	49.8	-24.2	74	60.43	39.9	17.15	67.68	-	-	P	V
			11390	42.18	-11.82	54	52.81	39.9	17.15	67.68	-	-	A	V
			13310	49.05	-24.95	74	58.69	39.34	18.74	67.72	-	-	P	V
			13310	41.42	-12.58	54	51.06	39.34	18.74	67.72	-	-	A	V
			13570	49.57	-38.63	88.2	58.29	40.03	18.95	67.7	-	-	P	V
			14490	50.81	-23.19	74	57.02	41.94	19.59	67.74	-	-	P	V
			14490	42.57	-11.43	54	48.78	41.94	19.59	67.74	-	-	A	V
			18000	60.29	-13.71	74	58.15	49.04	22.52	69.42	-	-	P	V
			18000	50.56	-3.44	54	48.42	49.04	22.52	69.42	-	-	A	V
			20355	38.9	-35.1	74	40.4	37.74	13.65	52.89	-	-	P	V
			36480	49.42	-24.58	74	39.7	42.59	21.91	54.78	-	-	P	V
			36480	40.47	-13.53	54	30.75	42.59	21.91	54.78	-	-	A	V
			39978	52.95	-21.05	74	37.89	44.68	24.58	54.2	-	-	P	V
		39978	45.5	-8.5	54	30.44	44.68	24.58	54.2	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 183 6865MHz		11420	49.9	-24.1	74	60.34	40.05	17.17	67.66	-	-	P	H	
		11420	41.24	-12.76	54	51.68	40.05	17.17	67.66	-	-	A	H	
		13360	49.25	-24.75	74	58.61	39.54	18.79	67.69	-	-	P	H	
		13360	42.35	-11.65	54	51.71	39.54	18.79	67.69	-	-	A	H	
		13730	50.86	-37.34	88.2	59.52	40.21	19.03	67.9	-	-	P	H	
		14490	51.49	-22.51	74	57.7	41.94	19.59	67.74	-	-	P	H	
		14490	43.86	-10.14	54	50.07	41.94	19.59	67.74	-	-	A	H	
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H	
		18000	50.35	-3.65	54	48.43	48.82	22.52	69.42	-	-	A	H	
		20595	43.41	-30.59	74	44.52	37.85	13.82	52.78	-	-	P	H	
		36480	50.53	-23.47	74	40.86	42.54	21.91	54.78	-	-	P	H	
		36480	40.68	-13.32	54	31.01	42.54	21.91	54.78	-	-	A	H	
		39978	53.51	-20.49	74	38.2	44.93	24.58	54.2	-	-	P	H	
		39978	45.92	-8.08	54	30.61	44.93	24.58	54.2	-	-	A	H	
			10950	49.63	-24.37	74	60.77	40.13	16.81	68.08	-	-	P	V
			10950	41.27	-12.73	54	52.41	40.13	16.81	68.08	-	-	A	V
			13330	48.52	-25.48	74	58.07	39.4	18.76	67.71	-	-	P	V
			13330	41.25	-12.75	54	50.8	39.4	18.76	67.71	-	-	A	V
			13730	50.08	-38.12	88.2	58.74	40.21	19.03	67.9	-	-	P	V
			14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	V
			14490	42.19	-11.81	54	48.4	41.94	19.59	67.74	-	-	A	V
			18000	60.71	-13.29	74	58.57	49.04	22.52	69.42	-	-	P	V
			18000	50.49	-3.51	54	48.35	49.04	22.52	69.42	-	-	A	V
			20595	42.4	-31.6	74	43.55	37.81	13.82	52.78	-	-	P	V
			36480	49.42	-24.58	74	39.7	42.59	21.91	54.78	-	-	P	V
			36480	40.39	-13.61	54	30.67	42.59	21.91	54.78	-	-	A	V
		39208	53.22	-20.78	74	39.2	44.3	24.05	54.33	-	-	P	V	
		39208	44.82	-9.18	54	30.8	44.3	24.05	54.33	-	-	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.





WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )
		11150	49.57	-24.43	74	60.71	39.78	16.97	67.89	-	-	P	H
		11150	40.79	-13.21	54	51.93	39.78	16.97	67.89	-	-	A	H
		13270	49.75	-24.25	74	59.61	39.19	18.7	67.75	-	-	P	H
		13270	41.49	-12.51	54	51.35	39.19	18.7	67.75	-	-	A	H
		13650	49.35	-38.85	88.2	58.02	40.15	18.98	67.8	-	-	P	H
		14490	51.3	-22.7	74	57.51	41.94	19.59	67.74	-	-	P	H
		14490	42.4	-11.6	54	48.61	41.94	19.59	67.74	-	-	A	H
		18000	60.14	-13.86	74	58.22	48.82	22.52	69.42	-	-	P	H
		18000	50.16	-3.84	54	48.24	48.82	22.52	69.42	-	-	A	H
		20475	44.91	-29.09	74	46.23	37.8	13.74	52.86	-	-	P	H
		36480	47.98	-26.02	74	38.31	42.54	21.91	54.78	-	-	P	H
		39274	53.23	-20.77	74	38.95	44.47	24.1	54.29	-	-	P	H
		39274	44.84	-9.16	54	30.56	44.47	24.1	54.29	-	-	A	H
<b>802.11ax</b>													
<b>HE160 Full</b>													
<b>CH 175</b>		11450	50.34	-23.66	74	60.72	40.06	17.19	67.63	-	-	P	V
<b>6825MHz</b>		11450	42.24	-11.76	54	52.62	40.06	17.19	67.63	-	-	A	V
		13340	49.42	-24.58	74	58.92	39.44	18.77	67.71	-	-	P	V
		13340	41.97	-12.03	54	51.47	39.44	18.77	67.71	-	-	A	V
		13650	49.36	-38.84	88.2	58.08	40.1	18.98	67.8	-	-	P	V
		14490	51.62	-22.38	74	57.83	41.94	19.59	67.74	-	-	P	V
		14490	42.41	-11.59	54	48.62	41.94	19.59	67.74	-	-	A	V
		18000	59.96	-14.04	74	57.82	49.04	22.52	69.42	-	-	P	V
		18000	50.49	-3.51	54	48.35	49.04	22.52	69.42	-	-	A	V
		20475	41.54	-32.46	74	42.9	37.76	13.74	52.86	-	-	P	V
		36480	49.17	-24.83	74	39.45	42.59	21.91	54.78	-	-	P	V
		36480	40.44	-13.56	54	30.72	42.59	21.91	54.78	-	-	A	V
		39296	53.32	-20.68	74	39.11	44.37	24.11	54.27	-	-	P	V
		39296	44.95	-9.05	54	30.74	44.37	24.11	54.27	-	-	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-8 - 6875~7125MHz**

**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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)
<b>802.11a CH 229 7095MHz</b>	*	7095	123.82	-	-	105.72	35.95	13.06	30.91	126	300	P	H
	*	7095	115.2	-	-	97.1	35.95	13.06	30.91	126	300	A	H
		7127.88	71.62	-16.58	88.2	53.34	36.12	13.1	30.94	126	300	P	H
		7125	62.47	-5.73	68.2	44.21	36.1	13.09	30.93	126	300	A	H
	*	7095	122.95	-	-	105	35.8	13.06	30.91	400	56	P	V
	*	7095	114.02	-	-	96.07	35.8	13.06	30.91	400	56	A	V
		7125	67.8	-20.4	88.2	49.75	35.89	13.09	30.93	400	56	P	V
		7125.32	59.92	-8.28	68.2	41.88	35.89	13.09	30.94	400	56	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 189 6895MHz		11420	50.59	-23.41	74	60.96	40.12	17.17	67.66	-	-	P	H	
		11420	42.68	-11.32	54	53.05	40.12	17.17	67.66	-	-	A	H	
		13360	49.11	-24.89	74	58.47	39.54	18.79	67.69	-	-	P	H	
		13360	42.35	-11.65	54	51.71	39.54	18.79	67.69	-	-	A	H	
		13790	53.62	-34.58	88.2	62.37	40.16	19.06	67.97	-	-	P	H	
		14490	51.57	-22.43	74	57.96	41.76	19.59	67.74	-	-	P	H	
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H	
		18000	60.2	-13.8	74	58.67	48.43	22.52	69.42	-	-	P	H	
		18000	49.99	-4.01	54	48.46	48.43	22.52	69.42	-	-	A	H	
		20685	37.68	-36.32	74	38.67	37.89	13.89	52.77	-	-	P	H	
		36480	48.58	-25.42	74	38.91	42.54	21.91	54.78	-	-	P	H	
		36480	40.29	-13.71	54	30.62	42.54	21.91	54.78	-	-	A	H	
		39978	52.87	-21.13	74	37.56	44.93	24.58	54.2	-	-	P	H	
		39978	46.11	-7.89	54	30.8	44.93	24.58	54.2	-	-	A	H	
			11350	49.72	-24.28	74	60.38	39.95	17.11	67.72	-	-	P	V
			11350	41.99	-12.01	54	52.65	39.95	17.11	67.72	-	-	A	V
			13300	49.28	-24.72	74	58.96	39.31	18.74	67.73	-	-	P	V
			13300	42.04	-11.96	54	51.72	39.31	18.74	67.73	-	-	A	V
			13790	49.9	-38.3	88.2	58.71	40.1	19.06	67.97	-	-	P	V
			14490	50.68	-23.32	74	57.2	41.63	19.59	67.74	-	-	P	V
			14490	42.85	-11.15	54	49.37	41.63	19.59	67.74	-	-	A	V
			18000	59.38	-14.62	74	58.27	48.01	22.52	69.42	-	-	P	V
			18000	49.94	-4.06	54	48.83	48.01	22.52	69.42	-	-	A	V
			20685	39.38	-34.62	74	40.42	37.84	13.89	52.77	-	-	P	V
			36480	48.67	-25.33	74	38.95	42.59	21.91	54.78	-	-	P	V
			36480	40.4	-13.6	54	30.68	42.59	21.91	54.78	-	-	A	V
			39274	53.11	-20.89	74	38.94	44.36	24.1	54.29	-	-	P	V
		39274	44.73	-9.27	54	30.56	44.36	24.1	54.29	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 209 6995MHz		11350	50.41	-23.59	74	61.1	39.92	17.11	67.72	-	-	P	H	
		11350	41.75	-12.25	54	52.44	39.92	17.11	67.72	-	-	A	H	
		13370	49.27	-24.73	74	58.6	39.57	18.79	67.69	-	-	P	H	
		13370	42.45	-11.55	54	51.78	39.57	18.79	67.69	-	-	A	H	
		13990	51.2	-37	88.2	59.33	40.81	19.28	68.22	-	-	P	H	
		14490	50.52	-23.48	74	56.91	41.76	19.59	67.74	-	-	P	H	
		14490	43.21	-10.79	54	49.6	41.76	19.59	67.74	-	-	A	H	
		18000	59.47	-14.53	74	57.94	48.43	22.52	69.42	-	-	P	H	
		18000	50.42	-3.58	54	48.89	48.43	22.52	69.42	-	-	A	H	
		20985	38.02	-35.98	74	38.49	38.02	14.11	52.6	-	-	P	H	
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H	
		36480	40.14	-13.86	54	30.47	42.54	21.91	54.78	-	-	A	H	
		39780	53.85	-20.15	74	38.05	44.81	24.44	53.45	-	-	P	H	
		39780	46.51	-7.49	54	30.71	44.81	24.44	53.45	-	-	A	H	
			10870	49.61	-24.39	74	60.81	40.24	16.75	68.19	-	-	P	V
			10870	40.96	-13.04	54	52.16	40.24	16.75	68.19	-	-	A	V
			13310	49.06	-24.94	74	58.69	39.35	18.74	67.72	-	-	P	V
			13310	41.75	-12.25	54	51.38	39.35	18.74	67.72	-	-	A	V
			13990	49.63	-38.57	88.2	57.86	40.71	19.28	68.22	-	-	P	V
			14490	50.44	-23.56	74	56.96	41.63	19.59	67.74	-	-	P	V
			14490	42.24	-11.76	54	48.76	41.63	19.59	67.74	-	-	A	V
			18000	59.34	-14.66	74	58.23	48.01	22.52	69.42	-	-	P	V
			18000	50.06	-3.94	54	48.95	48.01	22.52	69.42	-	-	A	V
			20985	39.58	-34.42	74	40.09	37.98	14.11	52.6	-	-	P	V
			36480	49.34	-24.66	74	39.62	42.59	21.91	54.78	-	-	P	V
			36480	40.29	-13.71	54	30.57	42.59	21.91	54.78	-	-	A	V
			39978	53.42	-20.58	74	38.36	44.68	24.58	54.2	-	-	P	V
			39978	45.24	-8.76	54	30.18	44.68	24.58	54.2	-	-	A	V



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 )	
i802.11a CH 229 7095MHZ		11500	53.5	-20.5	74	55.4	40.14	17.23	59.27	-	-	P	H	
		11500	42.71	-11.29	54	44.61	40.14	17.23	59.27	-	-	A	H	
		13370	52.35	-21.65	74	54.96	39.57	18.79	60.97	-	-	P	H	
		13370	41.99	-12.01	54	44.6	39.57	18.79	60.97	-	-	A	H	
		14190	55.08	-33.12	88.2	55.98	41.39	19.43	61.72	-	-	P	H	
		14490	50.92	-23.08	74	50.86	41.76	19.59	61.29	-	-	P	H	
		14490	40.83	-13.17	54	40.77	41.76	19.59	61.29	-	-	A	H	
		17970	60.57	-13.43	74	46.66	47.66	22.49	56.24	-	-	P	H	
		17970	50.1	-3.9	54	36.19	47.66	22.49	56.24	-	-	A	H	
		21285	38.66	-35.34	74	38.58	38.14	14.37	52.43	-	-	P	H	
		36480	49.63	-24.37	74	39.96	42.54	21.91	54.78	-	-	P	H	
		36480	40.42	-13.58	54	30.75	42.54	21.91	54.78	-	-	A	H	
		39362	53.05	-20.95	74	38.67	44.54	24.16	54.32	-	-	P	H	
		39362	45.12	-8.88	54	30.74	44.54	24.16	54.32	-	-	A	H	
			12130	52.47	-21.53	74	55.1	39.49	17.74	59.86	-	-	P	V
			12130	41.96	-12.04	54	44.59	39.49	17.74	59.86	-	-	A	V
			13260	51.28	-22.72	74	54.39	39.15	18.69	60.95	-	-	P	V
			13260	40.1	-13.9	54	43.21	39.15	18.69	60.95	-	-	A	V
			14190	53.91	-34.29	88.2	55.01	41.19	19.43	61.72	-	-	P	V
			14490	51.68	-22.32	74	51.75	41.63	19.59	61.29	-	-	P	V
			14490	41.02	-12.98	54	41.09	41.63	19.59	61.29	-	-	A	V
			17970	60.41	-13.59	74	46.84	47.32	22.49	56.24	-	-	P	V
			17970	50.73	-3.27	54	37.16	47.32	22.49	56.24	-	-	A	V
			21285	40.93	-33.07	74	40.91	38.08	14.37	52.43	-	-	P	V
			36480	49.11	-24.89	74	39.39	42.59	21.91	54.78	-	-	P	V
			36480	40.8	-13.2	54	31.08	42.59	21.91	54.78	-	-	A	V
			38680	52.66	-21.34	74	40.05	44.01	23.5	54.9	-	-	P	V
		38680	43.73	-10.27	54	31.12	44.01	23.5	54.9	-	-	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-8 - 6875~7125MHz  
WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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)
<b>802.11ax HE20 Full CH 229 7095MHz</b>	*	7095	123.54	-	-	105.44	35.95	13.06	30.91	158	317	P	H
	*	7095	113.28	-	-	95.18	35.95	13.06	30.91	158	317	A	H
		7125.32	70.91	-17.29	88.2	52.65	36.11	13.09	30.94	158	317	P	H
		7125.16	61.84	-6.36	68.2	43.59	36.1	13.09	30.94	158	317	A	H
	*	7095	122.01	-	-	104.06	35.8	13.06	30.91	205	53	P	V
	*	7095	112.07	-	-	94.12	35.8	13.06	30.91	205	53	A	V
		7125.16	65.47	-22.73	88.2	47.43	35.89	13.09	30.94	205	53	P	V
		7125	56.72	-11.48	68.2	38.67	35.89	13.09	30.93	205	53	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 189 6895MHz		11350	50.11	-23.89	74	60.8	39.92	17.11	67.72	-	-	P	H	
		11350	40.99	-13.01	54	51.68	39.92	17.11	67.72	-	-	A	H	
		13330	50.47	-23.53	74	59.99	39.43	18.76	67.71	-	-	P	H	
		13330	42.75	-11.25	54	52.27	39.43	18.76	67.71	-	-	A	H	
		13790	51.25	-36.95	88.2	60	40.16	19.06	67.97	-	-	P	H	
		14490	50.72	-23.28	74	57.11	41.76	19.59	67.74	-	-	P	H	
		14490	43.3	-10.7	54	49.69	41.76	19.59	67.74	-	-	A	H	
		18000	59.53	-14.47	74	58	48.43	22.52	69.42	-	-	P	H	
		18000	50.16	-3.84	54	48.63	48.43	22.52	69.42	-	-	A	H	
		20685	38.68	-35.32	74	39.67	37.89	13.89	52.77	-	-	P	H	
		36480	48.59	-25.41	74	38.92	42.54	21.91	54.78	-	-	P	H	
		36480	40.78	-13.22	54	31.11	42.54	21.91	54.78	-	-	A	H	
		39868	53.09	-20.91	74	37.56	44.87	24.5	53.84	-	-	P	H	
		39868	46.08	-7.92	54	30.55	44.87	24.5	53.84	-	-	A	H	
			11360	49.78	-24.22	74	60.4	39.97	17.12	67.71	-	-	P	V
			11360	41.97	-12.03	54	52.59	39.97	17.12	67.71	-	-	A	V
			13310	48.88	-25.12	74	58.51	39.35	18.74	67.72	-	-	P	V
			13310	41.87	-12.13	54	51.5	39.35	18.74	67.72	-	-	A	V
			13790	50.01	-38.19	88.2	58.82	40.1	19.06	67.97	-	-	P	V
			14490	50.58	-23.42	74	57.1	41.63	19.59	67.74	-	-	P	V
			14490	43.37	-10.63	54	49.89	41.63	19.59	67.74	-	-	A	V
			18000	60.23	-13.77	74	59.12	48.01	22.52	69.42	-	-	P	V
			18000	49.69	-4.31	54	48.58	48.01	22.52	69.42	-	-	A	V
			20685	41.02	-32.98	74	42.06	37.84	13.89	52.77	-	-	P	V
			36480	49.62	-24.38	74	39.9	42.59	21.91	54.78	-	-	P	V
			36480	40.46	-13.54	54	30.74	42.59	21.91	54.78	-	-	A	V
			39648	53.33	-20.67	74	38.5	44.58	24.35	54.1	-	-	P	V
		39648	45.57	-8.43	54	30.74	44.58	24.35	54.1	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 209 6995MHz		11330	50.45	-23.55	74	61.2	39.89	17.1	67.74	-	-	P	H	
		11330	42.29	-11.71	54	53.04	39.89	17.1	67.74	-	-	A	H	
		13360	49.57	-24.43	74	58.93	39.54	18.79	67.69	-	-	P	H	
		13360	42.12	-11.88	54	51.48	39.54	18.79	67.69	-	-	A	H	
		13990	51.84	-36.36	88.2	59.97	40.81	19.28	68.22	-	-	P	H	
		14490	50.72	-23.28	74	57.11	41.76	19.59	67.74	-	-	P	H	
		14490	43.5	-10.5	54	49.89	41.76	19.59	67.74	-	-	A	H	
		17970	59.23	-14.77	74	58.5	47.66	22.49	69.42	-	-	P	H	
		17970	49.53	-4.47	54	48.8	47.66	22.49	69.42	-	-	A	H	
		20985	39.57	-34.43	74	40.04	38.02	14.11	52.6	-	-	P	H	
		36480	49.27	-24.73	74	39.6	42.54	21.91	54.78	-	-	P	H	
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H	
		38768	52.77	-21.23	74	39.7	44.3	23.61	54.84	-	-	P	H	
		38768	43.28	-10.72	54	30.21	44.3	23.61	54.84	-	-	A	H	
			11010	50.68	-23.32	74	61.57	40.26	16.86	68.01	-	-	P	V
			11010	40.84	-13.16	54	51.73	40.26	16.86	68.01	-	-	A	V
			13290	49.95	-24.05	74	59.69	39.27	18.73	67.74	-	-	P	V
			13290	41.69	-12.31	54	51.43	39.27	18.73	67.74	-	-	A	V
			13990	50.51	-37.69	88.2	58.74	40.71	19.28	68.22	-	-	P	V
			14490	52.06	-21.94	74	58.58	41.63	19.59	67.74	-	-	P	V
			14490	43.24	-10.76	54	49.76	41.63	19.59	67.74	-	-	A	V
			17980	59.22	-14.78	74	58.59	47.55	22.5	69.42	-	-	P	V
			17980	49.12	-4.88	54	48.49	47.55	22.5	69.42	-	-	A	V
			20985	39.35	-34.65	74	39.86	37.98	14.11	52.6	-	-	P	V
			36480	48.62	-25.38	74	38.9	42.59	21.91	54.78	-	-	P	V
			36480	40.83	-13.17	54	31.11	42.59	21.91	54.78	-	-	A	V
		39780	53.42	-20.58	74	37.81	44.62	24.44	53.45	-	-	P	V	
		39780	45.85	-8.15	54	30.24	44.62	24.44	53.45	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 229 7095MHz		11410	52	-22	74	62.4	40.11	17.16	67.67	-	-	P	H	
		11410	42.28	-11.72	54	52.68	40.11	17.16	67.67	-	-	A	H	
		13380	52.58	-21.42	74	61.86	39.6	18.8	67.68	-	-	P	H	
		13380	42.16	-11.84	54	51.44	39.6	18.8	67.68	-	-	A	H	
		14190	54	-34.2	88.2	61.22	41.39	19.43	68.04	-	-	P	H	
		14490	52.71	-21.29	74	59.1	41.76	19.59	67.74	-	-	P	H	
		14490	43.28	-10.72	54	49.67	41.76	19.59	67.74	-	-	A	H	
		18000	60.42	-13.58	74	58.89	48.43	22.52	69.42	-	-	P	H	
		18000	50.61	-3.39	54	49.08	48.43	22.52	69.42	-	-	A	H	
		21285	39.37	-34.63	74	39.29	38.14	14.37	52.43	-	-	P	H	
		36480	49.37	-24.63	74	39.7	42.54	21.91	54.78	-	-	P	H	
		36480	40.24	-13.76	54	30.57	42.54	21.91	54.78	-	-	A	H	
		40000	53.51	-20.49	74	38.21	44.94	24.59	54.23	-	-	P	H	
		40000	46.4	-7.6	54	31.1	44.94	24.59	54.23	-	-	A	H	
			11600	51.93	-22.07	74	62.3	39.93	17.33	67.63	-	-	P	V
			11600	42.67	-11.33	54	53.04	39.93	17.33	67.63	-	-	A	V
			13390	53.33	-20.67	74	62.57	39.63	18.81	67.68	-	-	P	V
			13390	42.53	-11.47	54	51.77	39.63	18.81	67.68	-	-	A	V
			14190	52.31	-35.89	88.2	59.73	41.19	19.43	68.04	-	-	P	V
			14490	52.4	-21.6	74	58.92	41.63	19.59	67.74	-	-	P	V
			14490	43.24	-10.76	54	49.76	41.63	19.59	67.74	-	-	A	V
			17990	60.25	-13.75	74	59.38	47.78	22.51	69.42	-	-	P	V
			17990	50.24	-3.76	54	49.37	47.78	22.51	69.42	-	-	A	V
			21285	39.81	-34.19	74	39.79	38.08	14.37	52.43	-	-	P	V
			36480	49.66	-24.34	74	39.94	42.59	21.91	54.78	-	-	P	V
			36480	40.29	-13.71	54	30.57	42.59	21.91	54.78	-	-	A	V
		39692	53.05	-20.95	74	38.2	44.6	24.38	54.13	-	-	P	V	
		39692	45.3	-8.7	54	30.45	44.6	24.38	54.13	-	-	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-8 - 6875~7125MHz  
WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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 )
<b>802.11ax HE40 Full CH 227 7085MHz</b>	*	7085	122.36	-	-	104.32	35.89	13.05	30.9	139	298	P	H
	*	7085	113.02	-	-	94.98	35.89	13.05	30.9	139	298	A	H
		7133.58	77.43	-10.77	88.2	59.13	36.14	13.1	30.94	139	298	P	H
		7125	65.72	-2.48	68.2	47.46	36.1	13.09	30.93	139	298	A	H
	*	7085	121.59	-	-	103.66	35.78	13.05	30.9	400	53	P	V
	*	7085	112.22	-	-	94.29	35.78	13.05	30.9	400	53	A	V
		7131.96	65.72	-22.48	88.2	47.65	35.91	13.1	30.94	400	53	P	V
		7131.96	55.64	-12.56	68.2	37.57	35.91	13.1	30.94	400	53	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 195 6925MHz		11390	49.96	-24.04	74	60.43	40.06	17.15	67.68	-	-	P	H	
		11390	40.9	-13.1	54	51.37	40.06	17.15	67.68	-	-	A	H	
		13360	49.49	-24.51	74	58.85	39.54	18.79	67.69	-	-	P	H	
		13360	42.31	-11.69	54	51.67	39.54	18.79	67.69	-	-	A	H	
		13850	50.59	-37.61	88.2	59.2	40.3	19.13	68.04	-	-	P	H	
		14490	51.21	-22.79	74	57.6	41.76	19.59	67.74	-	-	P	H	
		14490	42.34	-11.66	54	48.73	41.76	19.59	67.74	-	-	A	H	
		18000	59.46	-14.54	74	57.93	48.43	22.52	69.42	-	-	P	H	
		18000	50.39	-3.61	54	48.86	48.43	22.52	69.42	-	-	A	H	
		20775	38.64	-35.36	74	39.5	37.93	13.96	52.75	-	-	P	H	
		36480	49.64	-24.36	74	39.97	42.54	21.91	54.78	-	-	P	H	
		36480	40.36	-13.64	54	30.69	42.54	21.91	54.78	-	-	A	H	
		39714	53.36	-20.64	74	38.2	44.78	24.4	54.02	-	-	P	H	
		39714	46.29	-7.71	54	31.13	44.78	24.4	54.02	-	-	A	H	
			10950	50.3	-23.7	74	61.23	40.34	16.81	68.08	-	-	P	V
			10950	41.38	-12.62	54	52.31	40.34	16.81	68.08	-	-	A	V
			13370	49.38	-24.62	74	58.7	39.58	18.79	67.69	-	-	P	V
			13370	43.72	-10.28	54	53.04	39.58	18.79	67.69	-	-	A	V
			13850	49.14	-39.06	88.2	57.88	40.17	19.13	68.04	-	-	P	V
			14490	51.29	-22.71	74	57.81	41.63	19.59	67.74	-	-	P	V
			14490	43.21	-10.79	54	49.73	41.63	19.59	67.74	-	-	A	V
			18000	59.05	-14.95	74	57.94	48.01	22.52	69.42	-	-	P	V
			18000	49.93	-4.07	54	48.82	48.01	22.52	69.42	-	-	A	V
			20775	37.89	-36.11	74	38.8	37.88	13.96	52.75	-	-	P	V
			36480	48.49	-25.51	74	38.77	42.59	21.91	54.78	-	-	P	V
			36480	40.32	-13.68	54	30.6	42.59	21.91	54.78	-	-	A	V
			39802	53.29	-20.71	74	37.5	44.63	24.46	53.3	-	-	P	V
		39802	46.21	-7.79	54	30.42	44.63	24.46	53.3	-	-	A	V	





WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 211 7005MHz		11280	50.45	-23.55	74	61.34	39.82	17.07	67.78	-	-	P	H	
		11280	41.42	-12.58	54	52.31	39.82	17.07	67.78	-	-	A	H	
		13310	49.28	-24.72	74	58.91	39.35	18.74	67.72	-	-	P	H	
		13310	42.57	-11.43	54	52.2	39.35	18.74	67.72	-	-	A	H	
		14010	50.5	-37.7	88.2	58.53	40.88	19.31	68.22	-	-	P	H	
		14490	50.95	-23.05	74	57.34	41.76	19.59	67.74	-	-	P	H	
		14490	43.35	-10.65	54	49.74	41.76	19.59	67.74	-	-	A	H	
		17990	60.06	-13.94	74	58.79	48.18	22.51	69.42	-	-	P	H	
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H	
		21015	39.23	-34.77	74	39.64	38.04	14.13	52.58	-	-	P	H	
		36480	48.61	-25.39	74	38.94	42.54	21.91	54.78	-	-	P	H	
		36480	40.39	-13.61	54	30.72	42.54	21.91	54.78	-	-	A	H	
		39912	52.9	-21.1	74	37.6	44.89	24.53	54.12	-	-	P	H	
		39912	46.16	-7.84	54	30.86	44.89	24.53	54.12	-	-	A	H	
			11010	50.57	-23.43	74	61.46	40.26	16.86	68.01	-	-	P	V
			11010	42.14	-11.86	54	53.03	40.26	16.86	68.01	-	-	A	V
			13340	49.4	-24.6	74	58.86	39.48	18.77	67.71	-	-	P	V
			13340	42.99	-11.01	54	52.45	39.48	18.77	67.71	-	-	A	V
			14010	49.26	-38.94	88.2	57.39	40.78	19.31	68.22	-	-	P	V
			14490	51.1	-22.9	74	57.62	41.63	19.59	67.74	-	-	P	V
			14490	42.25	-11.75	54	48.77	41.63	19.59	67.74	-	-	A	V
			17980	59.32	-14.68	74	58.69	47.55	22.5	69.42	-	-	P	V
			17980	49.02	-4.98	54	48.39	47.55	22.5	69.42	-	-	A	V
			21015	39.66	-34.34	74	40.12	37.99	14.13	52.58	-	-	P	V
			36480	48.64	-25.36	74	38.92	42.59	21.91	54.78	-	-	P	V
			36480	40.16	-13.84	54	30.44	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	45.51	-8.49	54	30.2	44.65	24.5	53.84	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 227 7085MHz		11340	50.71	-23.29	74	61.43	39.9	17.11	67.73	-	-	P	H	
		11340	41.95	-12.05	54	52.67	39.9	17.11	67.73	-	-	A	H	
		13370	50.11	-23.89	74	59.44	39.57	18.79	67.69	-	-	P	H	
		13370	42.4	-11.6	54	51.73	39.57	18.79	67.69	-	-	A	H	
		14170	50.94	-37.26	88.2	58.21	41.37	19.42	68.06	-	-	P	H	
		14490	51.31	-22.69	74	57.7	41.76	19.59	67.74	-	-	P	H	
		14490	43.37	-10.63	54	49.76	41.76	19.59	67.74	-	-	A	H	
		18000	60.8	-13.2	74	59.27	48.43	22.52	69.42	-	-	P	H	
		18000	49.79	-4.21	54	48.26	48.43	22.52	69.42	-	-	A	H	
		21255	42.52	-31.48	74	42.5	38.13	14.34	52.45	-	-	P	H	
		36480	48.62	-25.38	74	38.95	42.54	21.91	54.78	-	-	P	H	
		36480	40.24	-13.76	54	30.57	42.54	21.91	54.78	-	-	A	H	
		39934	53.11	-20.89	74	37.8	44.9	24.55	54.14	-	-	P	H	
		39934	45.49	-8.51	54	30.18	44.9	24.55	54.14	-	-	A	H	
			11350	50.78	-23.22	74	61.44	39.95	17.11	67.72	-	-	P	V
			11350	41.65	-12.35	54	52.31	39.95	17.11	67.72	-	-	A	V
			13330	50.46	-23.54	74	59.97	39.44	18.76	67.71	-	-	P	V
			13330	42.9	-11.1	54	52.41	39.44	18.76	67.71	-	-	A	V
			14170	51.45	-36.75	88.2	58.93	41.16	19.42	68.06	-	-	P	V
			14490	50.52	-23.48	74	57.04	41.63	19.59	67.74	-	-	P	V
			14490	41.99	-12.01	54	48.51	41.63	19.59	67.74	-	-	A	V
			18000	60.79	-13.21	74	59.68	48.01	22.52	69.42	-	-	P	V
			18000	49.67	-4.33	54	48.56	48.01	22.52	69.42	-	-	A	V
			21255	39.21	-34.79	74	39.25	38.07	14.34	52.45	-	-	P	V
			36480	47.87	-26.13	74	38.15	42.59	21.91	54.78	-	-	P	V
			40000	53.11	-20.89	74	38.06	44.69	24.59	54.23	-	-	P	V
			40000	45.77	-8.23	54	30.72	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-8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

Table with 14 columns: WIFI, Note, Frequency (MHz), Level (dBµV/m), Over Limit (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). Rows include test data for 802.11ax HE80 Full CH 215 7025MHz and a Remark section.



UNII-8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 199 6945MHz		11480	50.51	-23.49	74	60.75	40.15	17.22	67.61	-	-	P	H	
		11480	42.1	-11.9	54	52.34	40.15	17.22	67.61	-	-	A	H	
		13380	49.83	-24.17	74	59.11	39.6	18.8	67.68	-	-	P	H	
		13380	43.72	-10.28	54	53	39.6	18.8	67.68	-	-	A	H	
		13890	49.26	-38.94	88.2	57.71	40.47	19.17	68.09	-	-	P	H	
		14490	51.25	-22.75	74	57.64	41.76	19.59	67.74	-	-	P	H	
		14490	42.8	-11.2	54	49.19	41.76	19.59	67.74	-	-	A	H	
		18000	59.17	-14.83	74	57.64	48.43	22.52	69.42	-	-	P	H	
		18000	50.59	-3.41	54	49.06	48.43	22.52	69.42	-	-	A	H	
		20835	37.93	-36.07	74	38.68	37.96	14	52.71	-	-	P	H	
		36480	48.34	-25.66	74	38.67	42.54	21.91	54.78	-	-	P	H	
		36480	40.42	-13.58	54	30.75	42.54	21.91	54.78	-	-	A	H	
		39758	53.5	-20.5	74	37.91	44.8	24.43	53.64	-	-	P	H	
		39758	46.23	-7.77	54	30.64	44.8	24.43	53.64	-	-	A	H	
			11340	50.27	-23.73	74	60.95	39.94	17.11	67.73	-	-	P	V
			11340	41.82	-12.18	54	52.5	39.94	17.11	67.73	-	-	A	V
			13390	49.76	-24.24	74	59	39.63	18.81	67.68	-	-	P	V
			13390	42.5	-11.5	54	51.74	39.63	18.81	67.68	-	-	A	V
			13890	48.61	-39.59	88.2	57.23	40.3	19.17	68.09	-	-	P	V
			14490	50.93	-23.07	74	57.45	41.63	19.59	67.74	-	-	P	V
			14490	42.57	-11.43	54	49.09	41.63	19.59	67.74	-	-	A	V
			18000	60.11	-13.89	74	59	48.01	22.52	69.42	-	-	P	V
			18000	49.94	-4.06	54	48.83	48.01	22.52	69.42	-	-	A	V
			20835	38.01	-35.99	74	38.81	37.91	14	52.71	-	-	P	V
			36480	50.58	-23.42	74	40.86	42.59	21.91	54.78	-	-	P	V
			36480	40.5	-13.5	54	30.78	42.59	21.91	54.78	-	-	A	V
			39384	53.19	-20.81	74	38.92	44.44	24.17	54.34	-	-	P	V
		39384	44.84	-9.16	54	30.57	44.44	24.17	54.34	-	-	A	V	



WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 215 7025MHz		11380	50.35	-23.65	74	60.87	40.03	17.14	67.69	-	-	P	H	
		11380	42.11	-11.89	54	52.63	40.03	17.14	67.69	-	-	A	H	
		13350	49.5	-24.5	74	58.92	39.5	18.78	67.7	-	-	P	H	
		13350	41.92	-12.08	54	51.34	39.5	18.78	67.7	-	-	A	H	
		14050	50.37	-37.83	88.2	58.16	41.05	19.34	68.18	-	-	P	H	
		14490	50.65	-23.35	74	57.04	41.76	19.59	67.74	-	-	P	H	
		14490	42.51	-11.49	54	48.9	41.76	19.59	67.74	-	-	A	H	
		18000	60.13	-13.87	74	58.6	48.43	22.52	69.42	-	-	P	H	
		18000	50.15	-3.85	54	48.62	48.43	22.52	69.42	-	-	A	H	
		21075	38.16	-35.84	74	38.46	38.06	14.19	52.55	-	-	P	H	
		36480	48.24	-25.76	74	38.57	42.54	21.91	54.78	-	-	P	H	
		36480	40.52	-13.48	54	30.85	42.54	21.91	54.78	-	-	A	H	
		39252	52.93	-21.07	74	38.7	44.45	24.08	54.3	-	-	P	H	
		39252	44.67	-9.33	54	30.44	44.45	24.08	54.3	-	-	A	H	
			11330	50.85	-23.15	74	61.56	39.93	17.1	67.74	-	-	P	V
			11330	41.87	-12.13	54	52.58	39.93	17.1	67.74	-	-	A	V
			13380	50.58	-23.42	74	59.86	39.6	18.8	67.68	-	-	P	V
			13380	43.16	-10.84	54	52.44	39.6	18.8	67.68	-	-	A	V
			14050	50.59	-37.61	88.2	58.5	40.93	19.34	68.18	-	-	P	V
			14490	50.66	-23.34	74	57.18	41.63	19.59	67.74	-	-	P	V
			14490	43.22	-10.78	54	49.74	41.63	19.59	67.74	-	-	A	V
			18000	60.55	-13.45	74	59.44	48.01	22.52	69.42	-	-	P	V
			18000	50.35	-3.65	54	49.24	48.01	22.52	69.42	-	-	A	V
			21075	38.43	-35.57	74	38.78	38.01	14.19	52.55	-	-	P	V
			36480	48.49	-25.51	74	38.77	42.59	21.91	54.78	-	-	P	V
			36480	40.14	-13.86	54	30.42	42.59	21.91	54.78	-	-	A	V
			39978	52.75	-21.25	74	37.69	44.68	24.58	54.2	-	-	P	V
		39978	45.65	-8.35	54	30.59	44.68	24.58	54.2	-	-	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-8 - 6875~7125MHz**

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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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 207 6985MHz	*	6985	116.82	-	-	99.35	35.28	13	30.81	324	38	P	H
	*	6985	108.01	-	-	90.54	35.28	13	30.81	324	38	A	H
		7133.8	71.98	-16.22	88.2	53.67	36.15	13.1	30.94	324	38	P	H
		7133.48	64.75	-3.45	68.2	46.45	36.14	13.1	30.94	324	38	A	H
	*	6985	115.6	-	-	98.05	35.36	13	30.81	399	54	P	V
	*	6985	108.09	-	-	90.54	35.36	13	30.81	399	54	A	V
		7192.36	69.53	-18.67	88.2	51.16	36.18	13.18	30.99	399	54	P	V
		7193.32	59.07	-9.13	68.2	40.7	36.18	13.18	30.99	399	54	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**UNII-8 - 6875~7125MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( 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 207 6985MHz		11360	50.21	-23.79	74	60.84	39.96	17.12	67.71	-	-	P	H	
		11360	42.05	-11.95	54	52.68	39.96	17.12	67.71	-	-	A	H	
		13320	49.73	-24.27	74	59.31	39.39	18.75	67.72	-	-	P	H	
		13320	42.05	-11.95	54	51.63	39.39	18.75	67.72	-	-	A	H	
		13970	50.19	-38.01	88.2	58.36	40.75	19.27	68.19	-	-	P	H	
		14490	51.11	-22.89	74	57.5	41.76	19.59	67.74	-	-	P	H	
		14490	43.34	-10.66	54	49.73	41.76	19.59	67.74	-	-	A	H	
		18000	60.72	-13.28	74	59.19	48.43	22.52	69.42	-	-	P	H	
		18000	50.09	-3.91	54	48.56	48.43	22.52	69.42	-	-	A	H	
		20955	38.57	-35.43	74	39.09	38.01	14.09	52.62	-	-	P	H	
		36480	48.78	-25.22	74	39.11	42.54	21.91	54.78	-	-	P	H	
		36480	40.23	-13.77	54	30.56	42.54	21.91	54.78	-	-	A	H	
		39648	53.19	-20.81	74	38.2	44.74	24.35	54.1	-	-	P	H	
		39648	46.07	-7.93	54	31.08	44.74	24.35	54.1	-	-	A	H	
			11430	50.42	-23.58	74	60.74	40.15	17.18	67.65	-	-	P	V
			11430	41.85	-12.15	54	52.17	40.15	17.18	67.65	-	-	A	V
			13340	49.21	-24.79	74	58.67	39.48	18.77	67.71	-	-	P	V
			13340	42.02	-11.98	54	51.48	39.48	18.77	67.71	-	-	A	V
			13970	48.57	-39.63	88.2	56.85	40.64	19.27	68.19	-	-	P	V
		14490	51.05	-22.95	74	57.57	41.63	19.59	67.74	-	-	P	V	
		14490	42.25	-11.75	54	48.77	41.63	19.59	67.74	-	-	A	V	
		18000	59.7	-14.3	74	58.59	48.01	22.52	69.42	-	-	P	V	
		18000	49.67	-4.33	54	48.56	48.01	22.52	69.42	-	-	A	V	
		20955	38.88	-35.12	74	39.45	37.96	14.09	52.62	-	-	P	V	
		36480	47.82	-26.18	74	38.1	42.59	21.91	54.78	-	-	P	V	
		39978	53.07	-20.93	74	38.01	44.68	24.58	54.2	-	-	P	V	
		39978	46.1	-7.9	54	31.04	44.68	24.58	54.2	-	-	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.



Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	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 )	
802.11ax HE160 Full CH15 6025MHz LF		62.98	30.88	-9.12	40	50.12	11.8	1.39	32.43	-	-	P	H	
		333.61	31.55	-14.45	46	41.21	19.77	3.02	32.45	-	-	P	H	
		749.74	34.79	-11.21	46	34.52	27.99	4.66	32.38	-	-	P	H	
		841.89	35.72	-10.28	46	34.09	28.81	4.81	31.99	-	-	P	H	
		874.87	39.56	-6.44	46	37.3	29.1	4.94	31.78	165	225	Q	H	
		874.87	42.96	-3.04	46	40.7	29.1	4.94	31.78	165	225	P	H	
		942.77	39.93	-6.07	46	35.53	30.47	5.2	31.27	-	-	P	H	
			38.73	32.98	-7.02	40	43.9	20.46	1.06	32.44	-	-	P	V
			62.01	33.43	-6.57	40	52.78	11.7	1.38	32.43	-	-	P	V
			105.66	31.92	-11.58	43.5	46.03	16.57	1.73	32.41	-	-	P	V
			430.61	37.33	-8.67	46	43.58	22.7	3.57	32.52	-	-	P	V
			874.87	37.64	-8.36	46	35.38	29.1	4.94	31.78	-	-	P	V
		952.47	36.91	-9.09	46	32.11	30.75	5.23	31.18	-	-	P	V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> <li>The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.</li> </ol>													



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	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		5922.58	63.25	-24.95	88.2	48.98	32.52	11.99	30.24	376	292	P	H
CH 01		5922.02	54.07	-14.13	68.2	39.8	32.52	11.99	30.24	376	292	A	H
5955MHz													

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.52 (dB/m) + 11.99 (dB) + 48.98 (dBμV) – 30.24 (dB)  
= 63.25 (dBμV/m)
2. Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 63.25 (dBμV/m) – 88.2 (dBμV/m)  
= -24.95 (dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.52 (dB/m) + 11.99 (dB) + 39.8 (dBμV) – 30.24 (dB)  
= 54.07 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
= 54.07 (dBμV/m) – 68.2 (dBμV/m)  
= -14.13 (dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



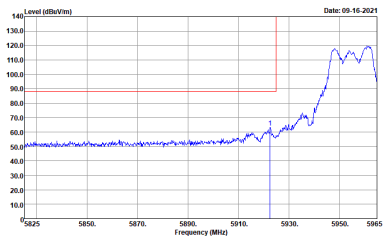
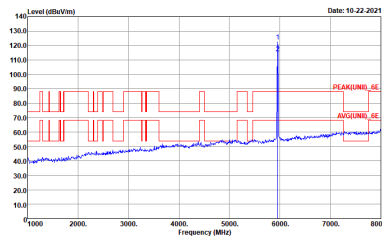
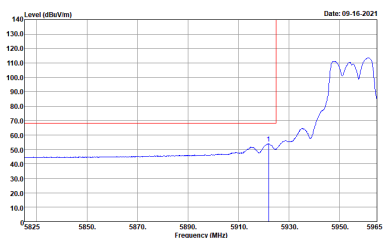
## Appendix D. Radiated Spurious Emission

<b>Test Engineer :</b>	Michael Bui and Daniel Lee	<b>Temperature :</b>	20~23°C
		<b>Relative Humidity :</b>	40~43%

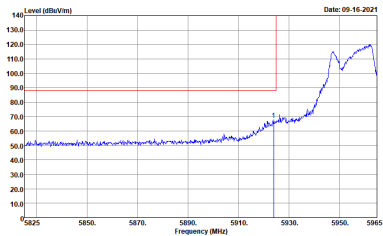
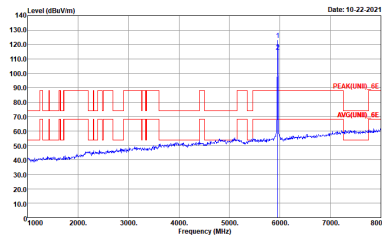
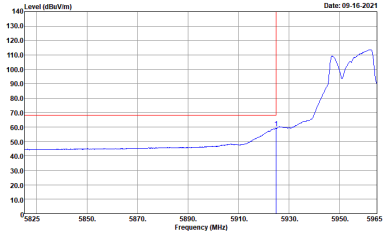


<CDD Mode>  
MIMO <Ant. E+F+G+H>

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

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
802.11a CH01 5955MHz		
Horizontal		Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

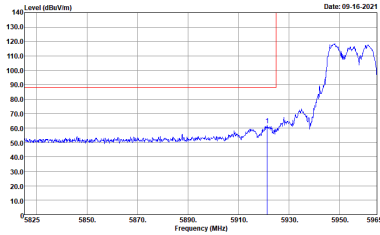
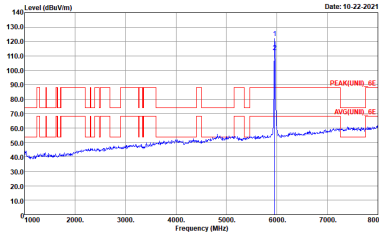
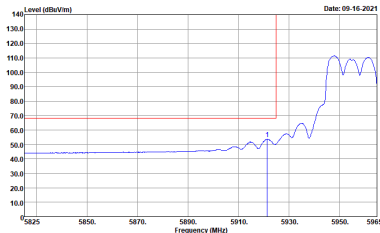


WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
802.11a CH01 5955MHz		
Vertical		Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

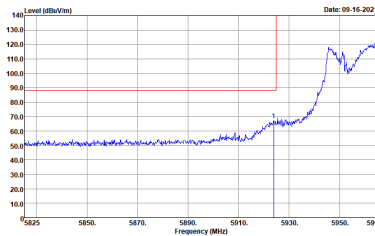
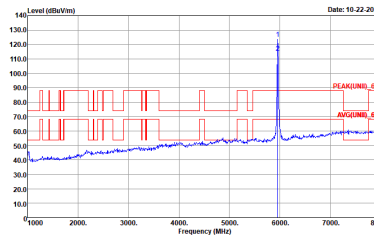
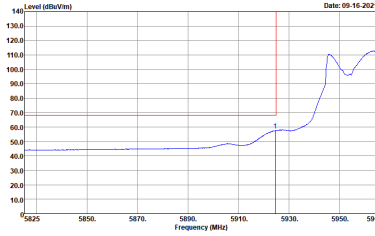




**UNII-5 5925~6425MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

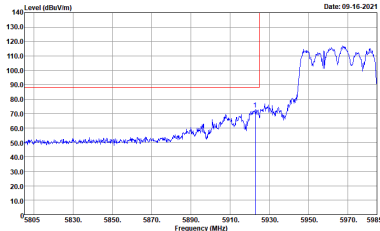
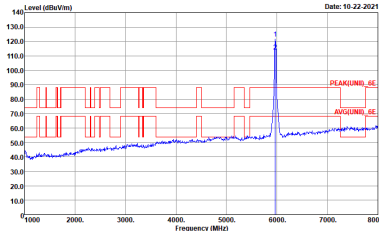
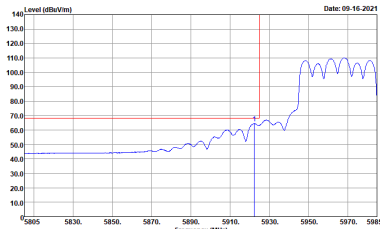
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE20 Full CH01 5955MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



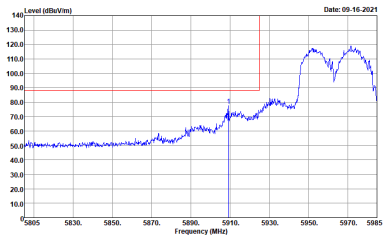
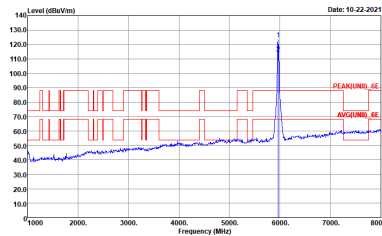
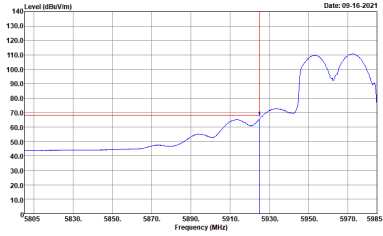
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
802.11ax HE20 Full CH01 5955MHz		
Vertical		Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	Left blank



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

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE40 Full CH03 5965MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



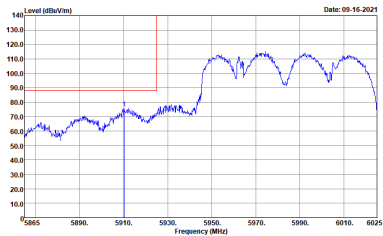
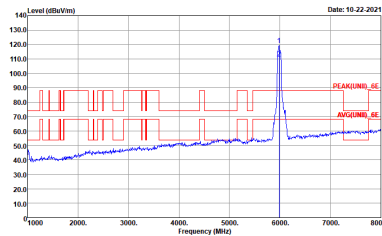
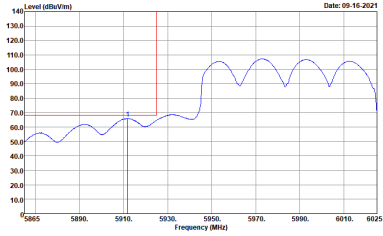
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
802.11ax HE40 Full CH03 5965MHz		
Vertical		Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	Left blank



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

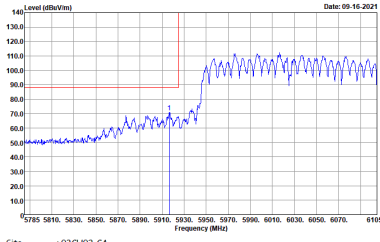
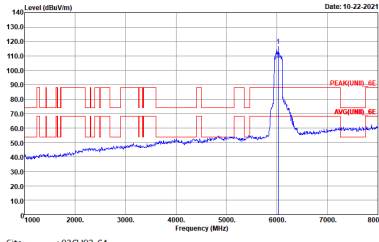
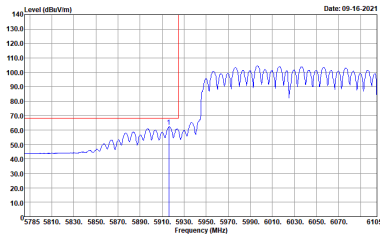
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE80 Full CH07 5985MHz	
	Horizontal	Fundamental
<b>Peak</b>	<p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	<p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



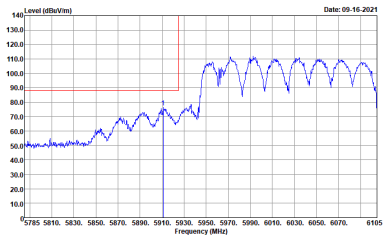
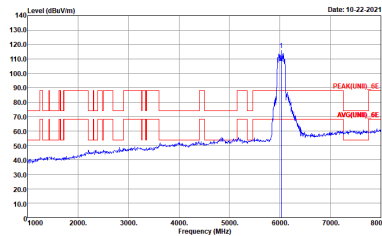
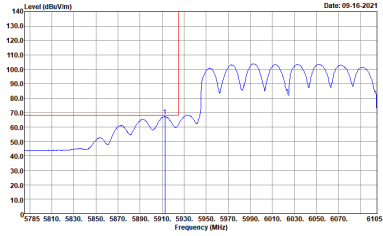
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
802.11ax HE80 Full CH07 5985MHz		
Vertical		Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL            : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	Left blank



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

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA            Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA            Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Vertical	Fundamental
Peak	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 10-22-2021</p> <p>Site : 03CH02-CA Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 09-16-2021</p> <p>Site : 03CH02-CA Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	Left blank



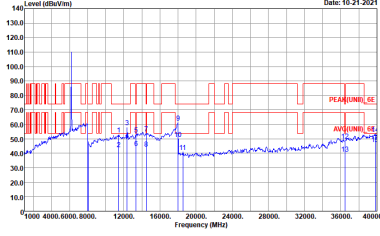
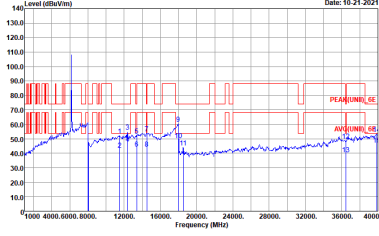


UNII-5 - 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH01 5955MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



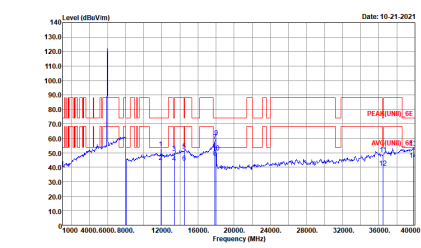
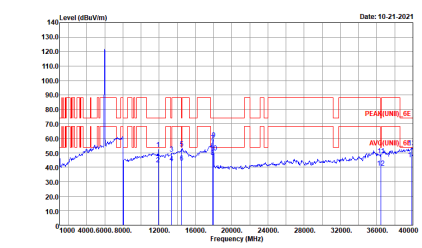
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH45 6175MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



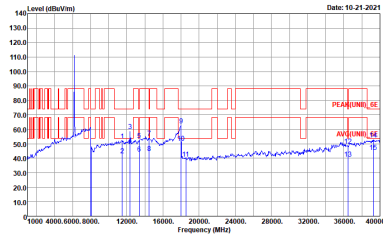
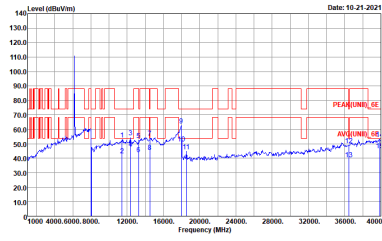
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH93 6415MHz	
	Horizontal	Vertical
<p>Peak Avg.</p>	<p>Level (dBm/100MHz) vs Frequency (MHz) graph for Horizontal. Date: 10-21-2021. Site: 03CH02-CA. Condition: PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL.</p>	<p>Level (dBm/100MHz) vs Frequency (MHz) graph for Vertical. Date: 10-21-2021. Site: 03CH02-CA. Condition: PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL.</p>



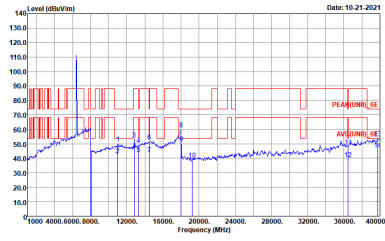
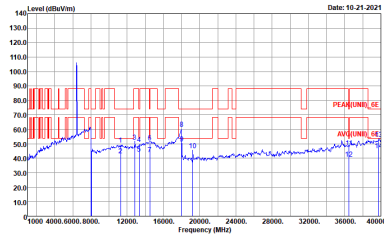
UNII-5 5925~6425MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH01 5955MHz	
	Horizontal	Vertical
Peak	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH45 6175MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



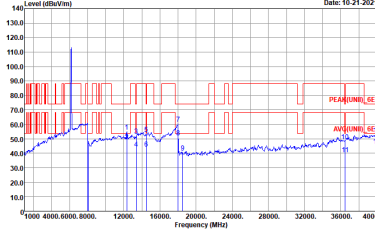
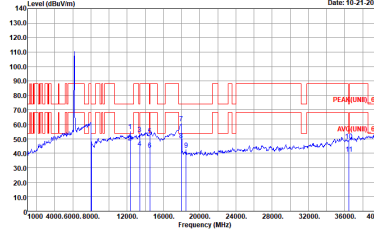
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH93 6415MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : :03CH02-CA Condition : :PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : :03CH02-CA Condition : :PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



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

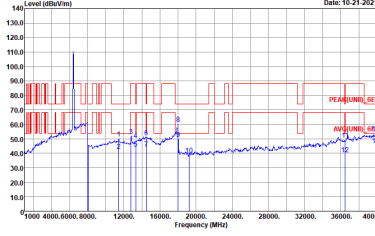
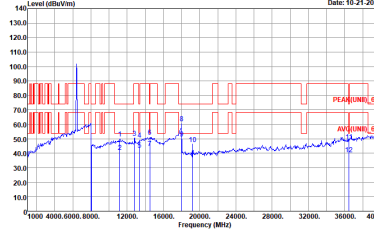
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH03 5965MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH43 6165MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>





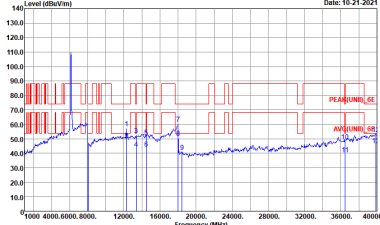
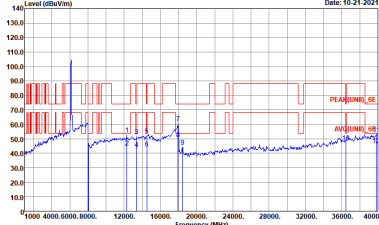
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH91 6405MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



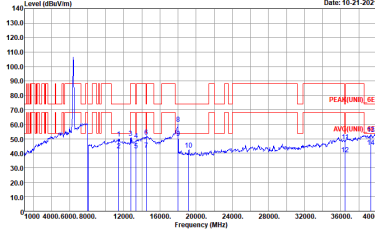
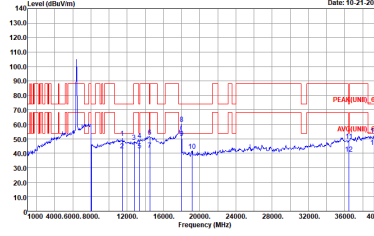
UNII-5 5925~6425MHz  
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH07 5985MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH39 6145MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



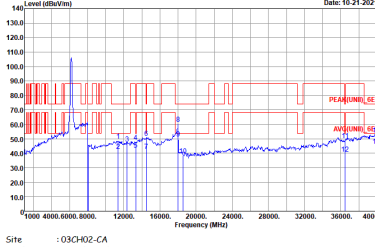
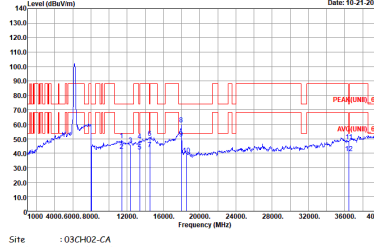
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH87 6385MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



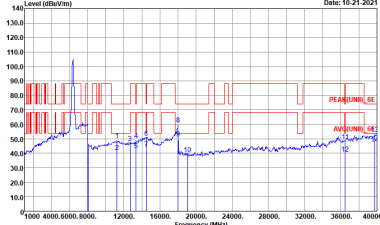
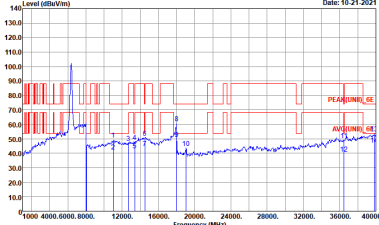
UNII-5 5925~6425MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE160 Full CH47 6185MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE160 Full CH79 6345MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : :03CH02-CA Condition : :PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : :03CH02-CA Condition : :PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



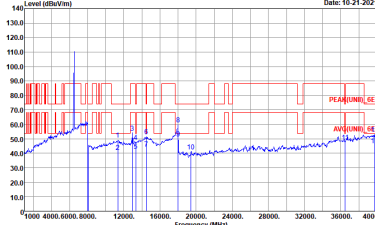
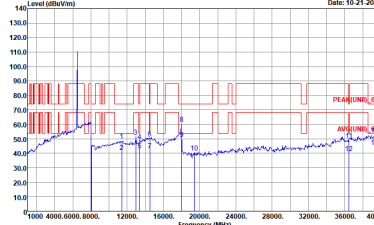
UNII-6 - 6425~6525MHz

WIFI 802.11a (Harmonic @ 3m)

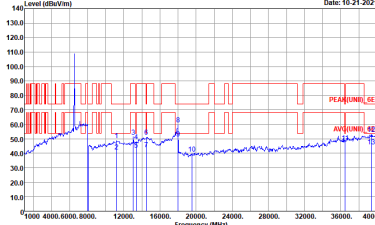
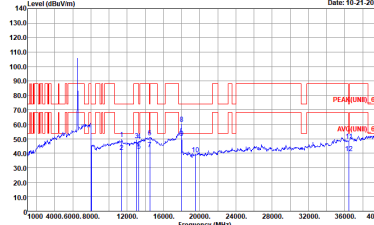
WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11a CH97 6435MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>





WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11a CH105 6475MHz	
	Horizontal	Vertical
Peak	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



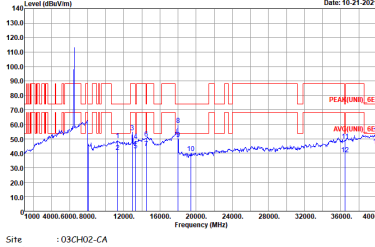
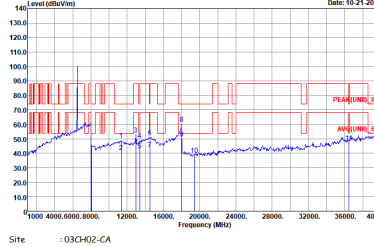
WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11a CH113 6615MHz	
	Horizontal	Vertical
<b>Peak</b>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



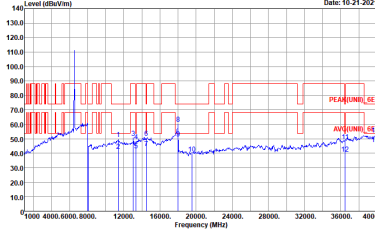
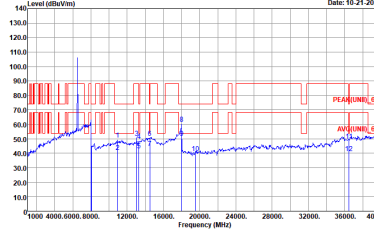
UNII-6 6425~6525MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11ax HE20 Full CH97 6435MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11ax HE20 Full CH105 6475MHz	
	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



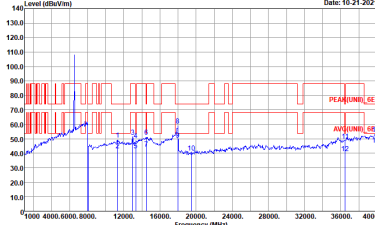
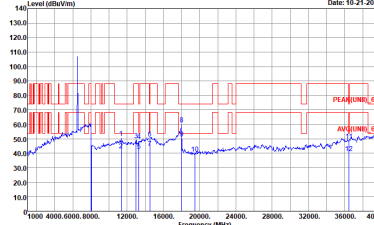
WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11ax HE20 Full CH113 6515MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>



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

WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11ax HE40 Full CH99 6445MHz	
	Horizontal	Vertical
Peak	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL</p>



WIFI	UNII-6 6425~6525MHz Harmonic @ 3m	
	802.11ax HE40 Full CH107 6485MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_0084Z VERTICAL</p>