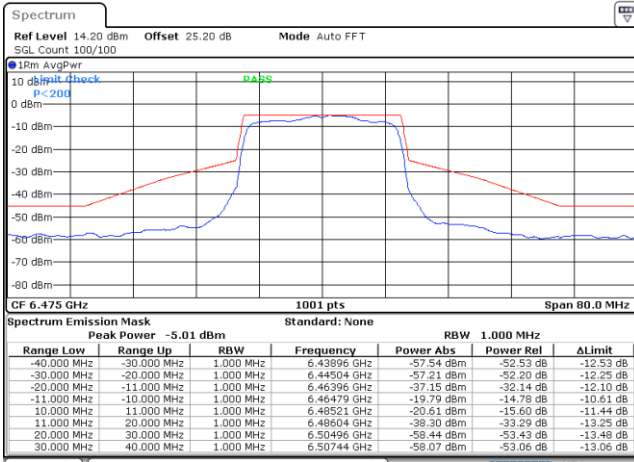


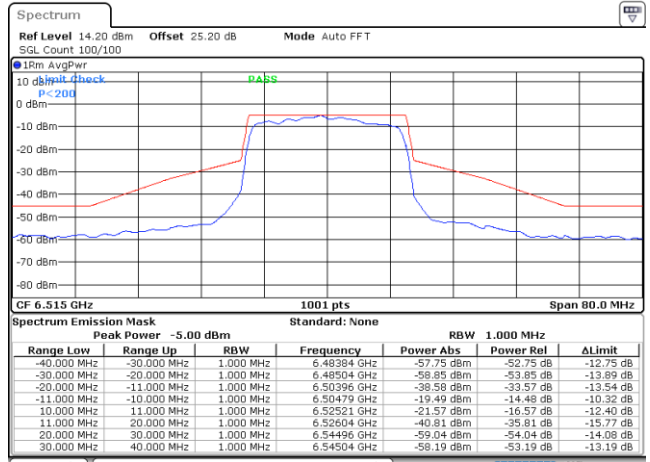


Plot on Channel 6475MHz



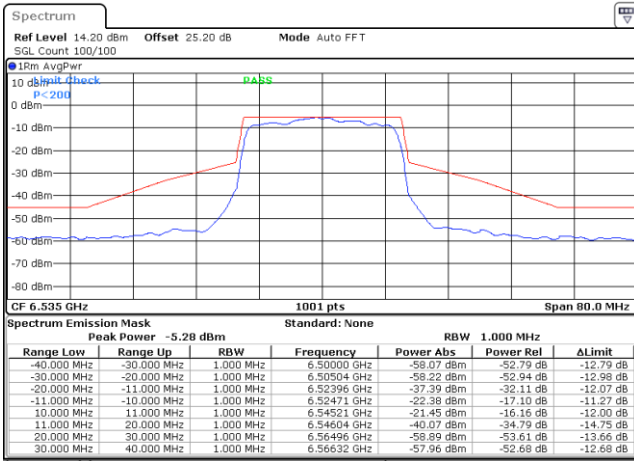
Date: 2.JUN.2021 10:40:24

Plot on Channel 6515MHz



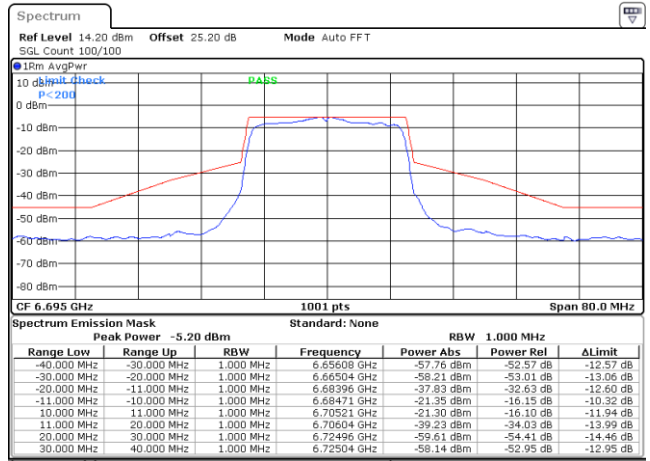
Date: 2.JUN.2021 10:55:08

Plot on Channel 6535MHz



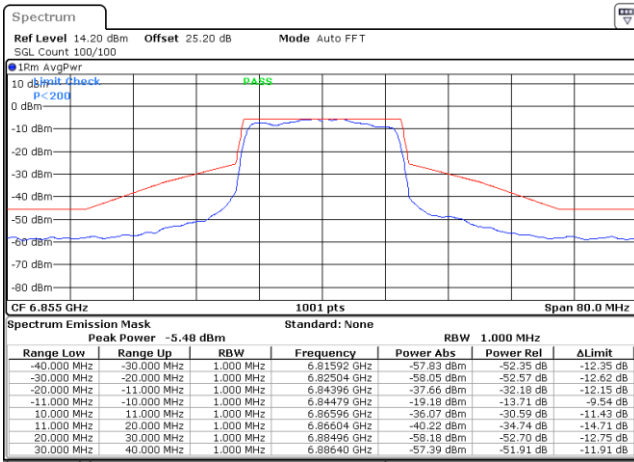
Date: 2.JUN.2021 11:00:26

Plot on Channel 6695MHz



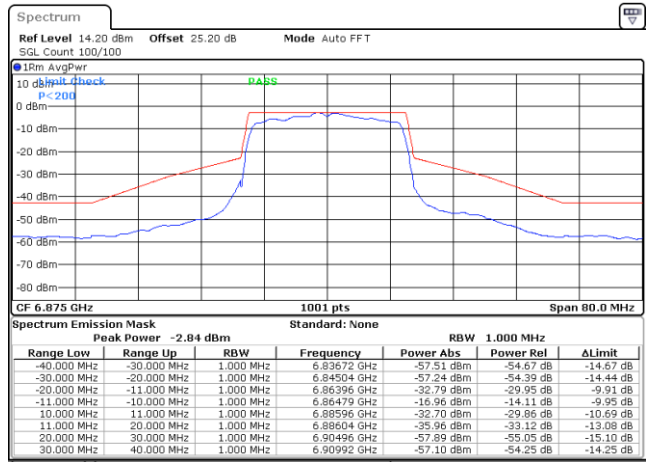
Date: 2.JUN.2021 11:02:56

Plot on Channel 6855MHz



Date: 2.JUN.2021 11:07:37

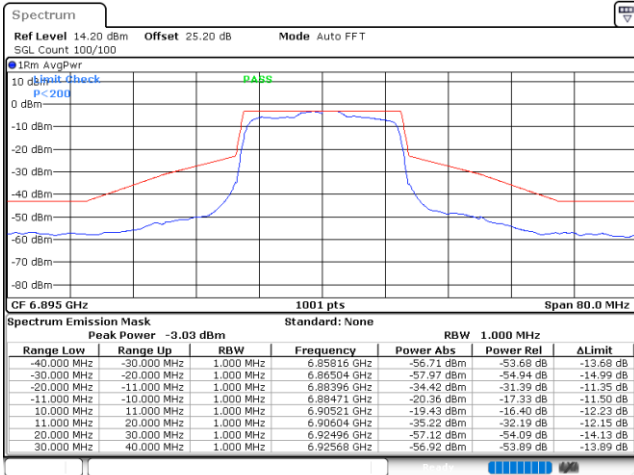
Plot on Channel 6875MHz



Date: 9.JUN.2021 16:50:19

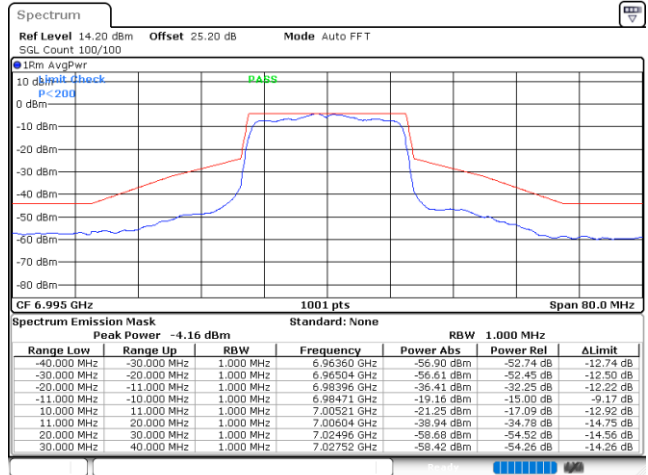


Plot on Channel 6895MHz



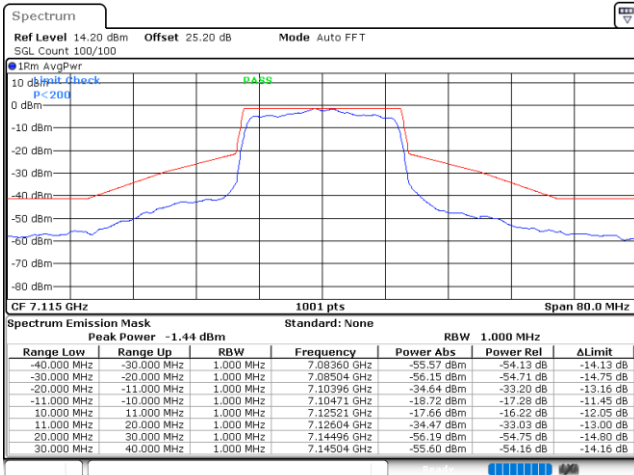
Date: 9.JUN.2021 16:53:08

Plot on Channel 6995MHz



Date: 9.JUN.2021 16:56:36

Plot on Channel 7115MHz

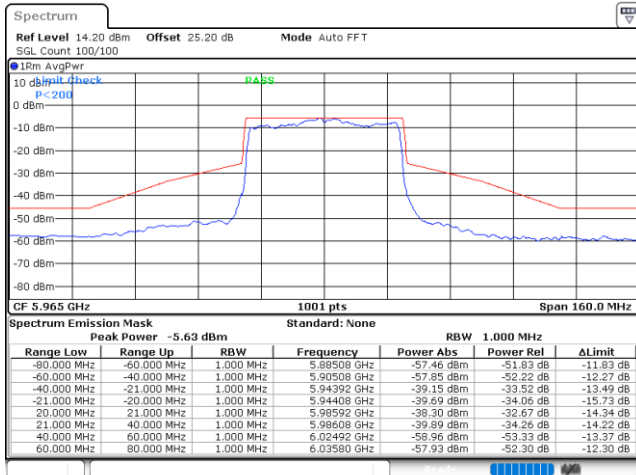


Date: 9.JUN.2021 17:00:20



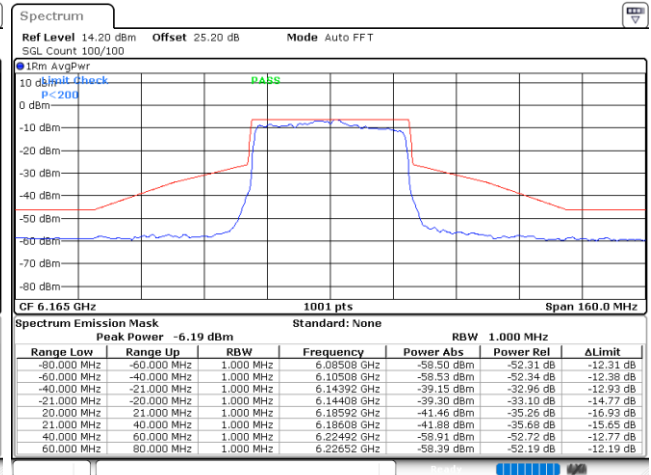
EUT Mode : 802.11ax HE40

Plot on Channel 5965MHz



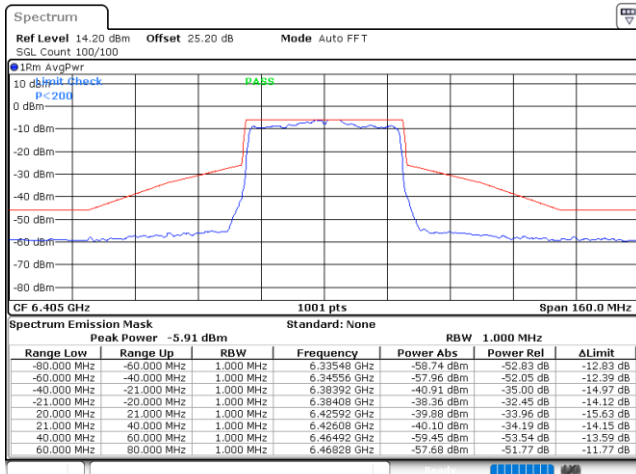
Date: 2.JUN.2021 11:22:17

Plot on Channel 6165MHz



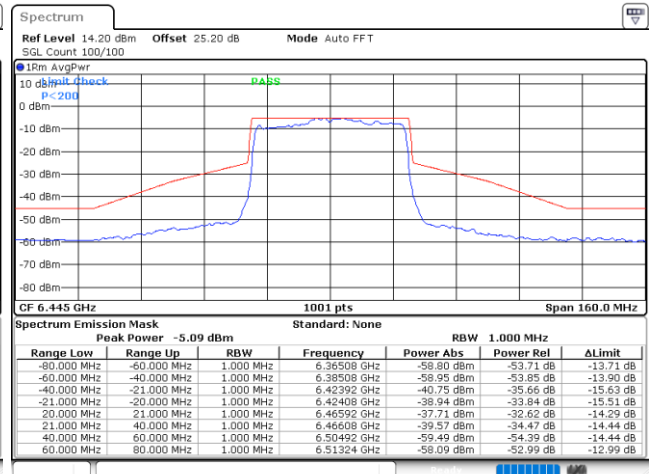
Date: 2.JUN.2021 11:26:11

Plot on Channel 6405MHz



Date: 2.JUN.2021 11:33:49

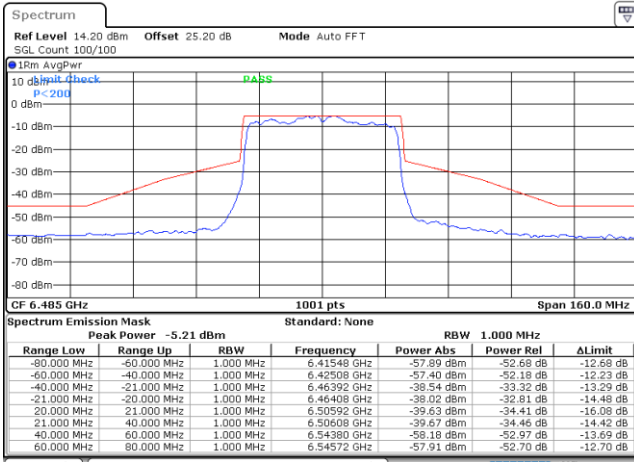
Plot on Channel 6445MHz



Date: 2.JUN.2021 11:40:37

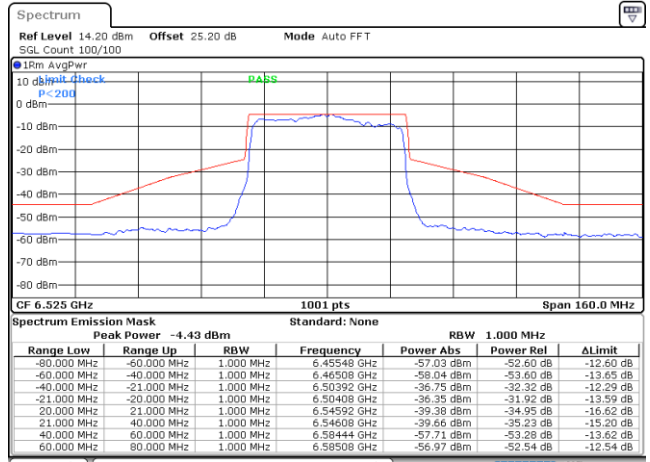


Plot on Channel 6485MHz



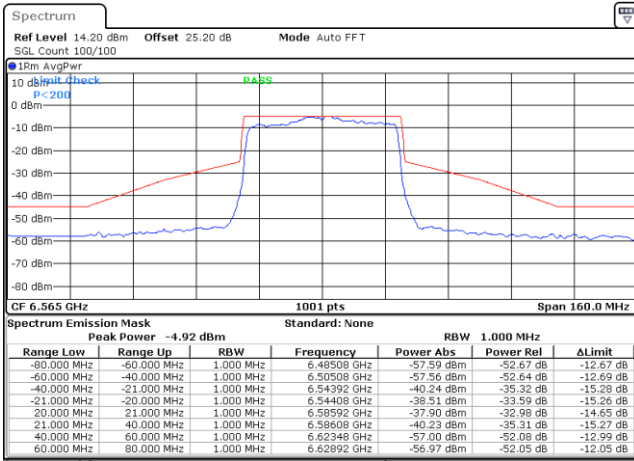
Date: 2.JUN.2021 11:43:29

Plot on Channel 6525MHz



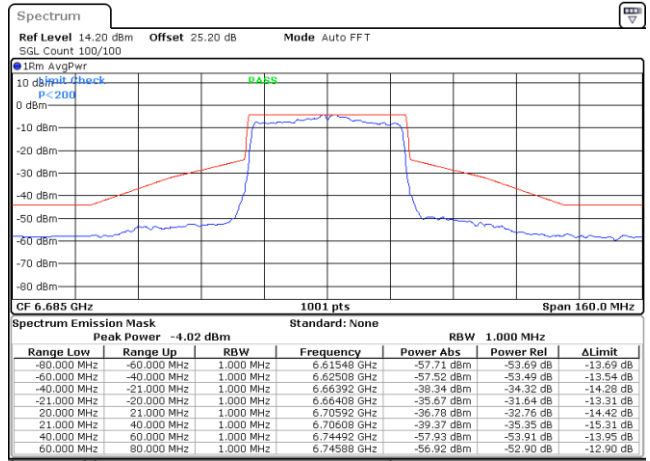
Date: 9.JUN.2021 17:21:43

Plot on Channel 6565MHz



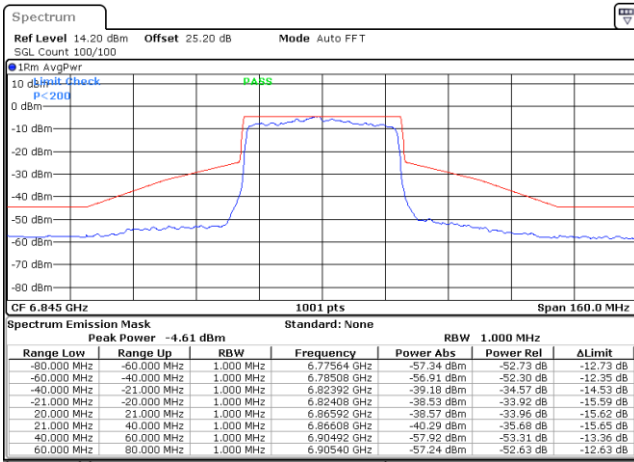
Date: 9.JUN.2021 17:24:28

Plot on Channel 6685MHz



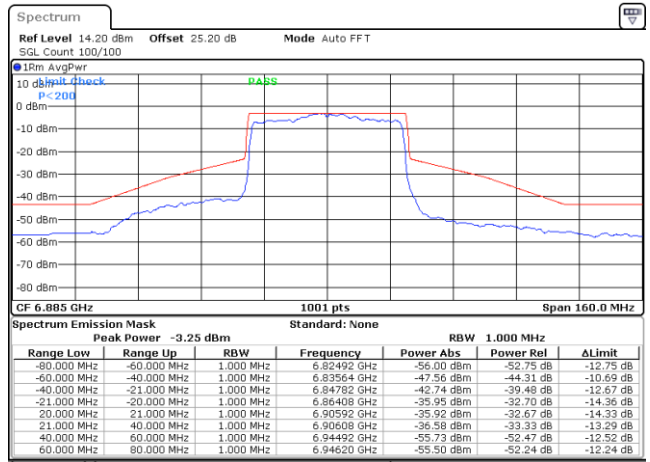
Date: 9.JUN.2021 17:30:03

Plot on Channel 6845MHz



Date: 9.JUN.2021 17:34:21

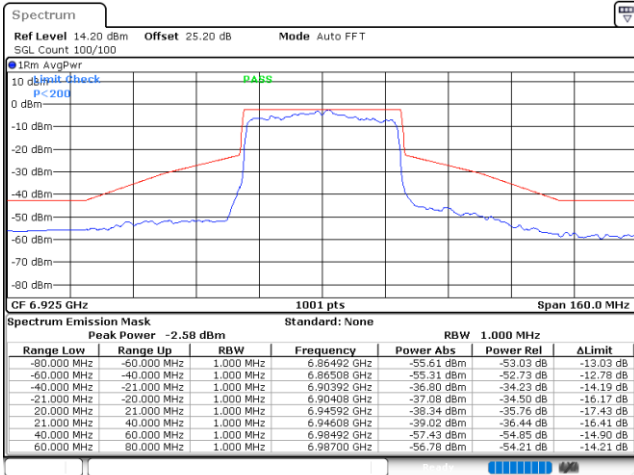
Plot on Channel 6885MHz



Date: 9.JUN.2021 17:36:41

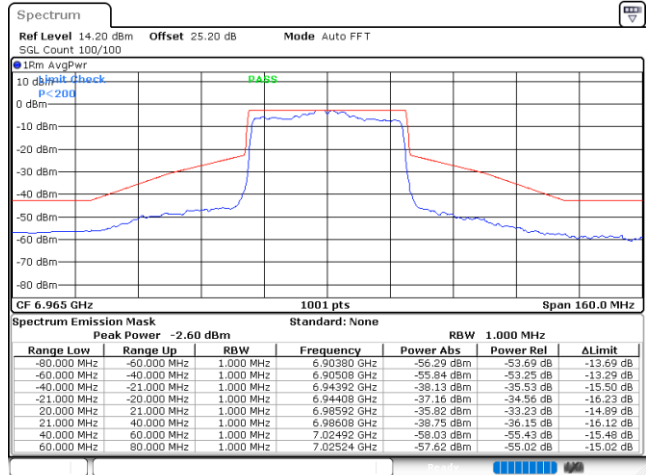


Plot on Channel 6925MHz



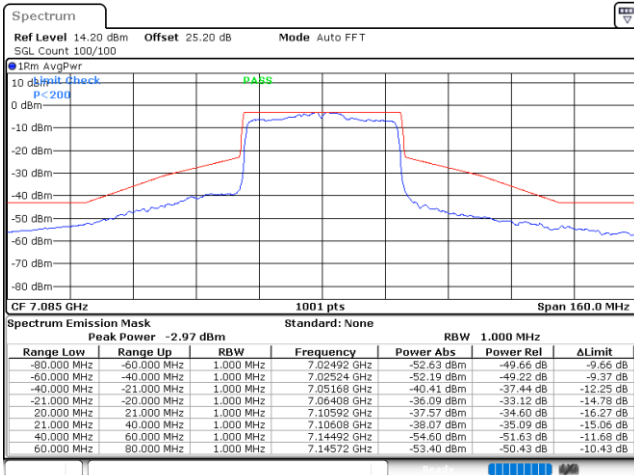
Date: 9.JUN.2021 17:38:59

Plot on Channel 6965MHz



Date: 9.JUN.2021 17:45:06

Plot on Channel 7085MHz

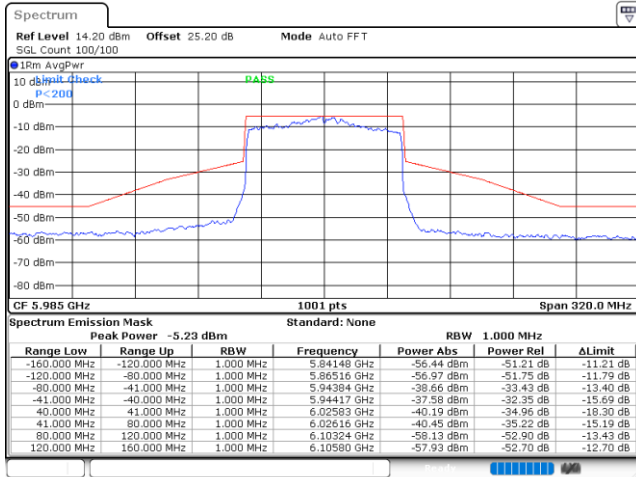


Date: 9.JUN.2021 17:50:29



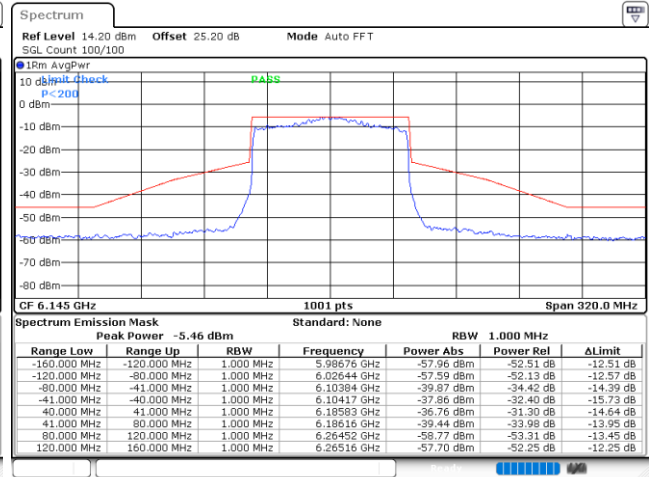
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



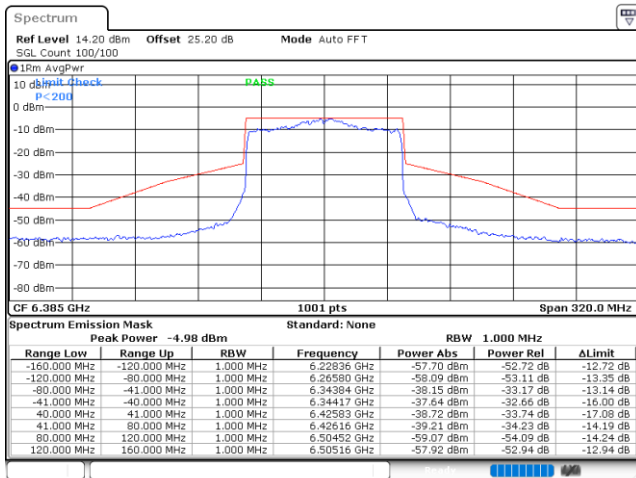
Date: 2 JUN.2021 12:05:57

Plot on Channel 6145MHz



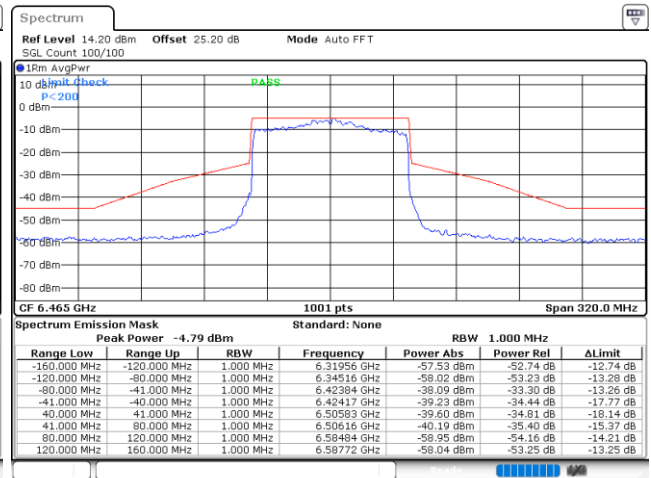
Date: 2 JUN.2021 13:41:48

Plot on Channel 6385MHz



Date: 2 JUN.2021 13:45:07

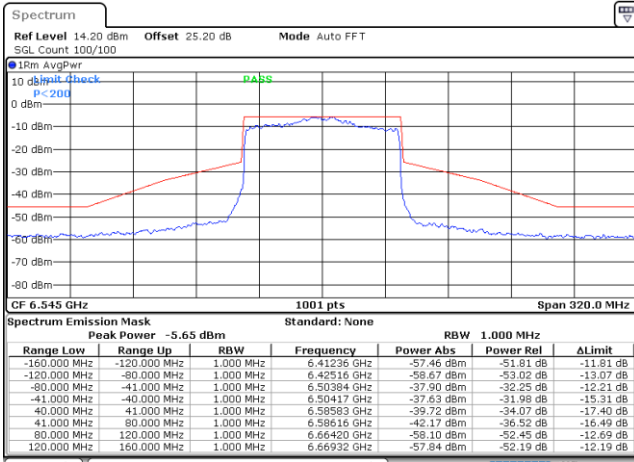
Plot on Channel 6465MHz



Date: 2 JUN.2021 13:55:33

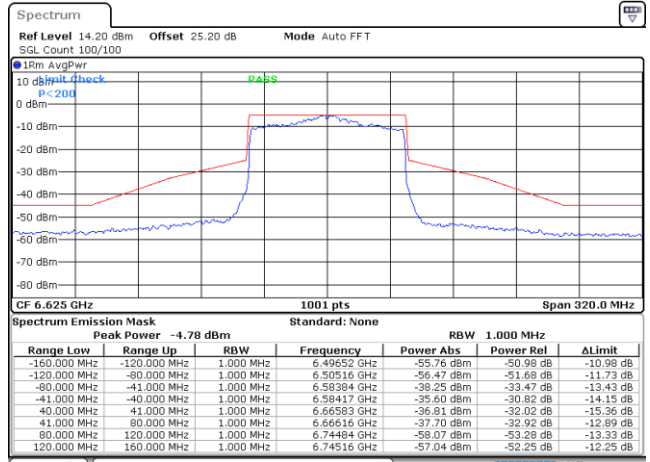


Plot on Channel 6545MHz



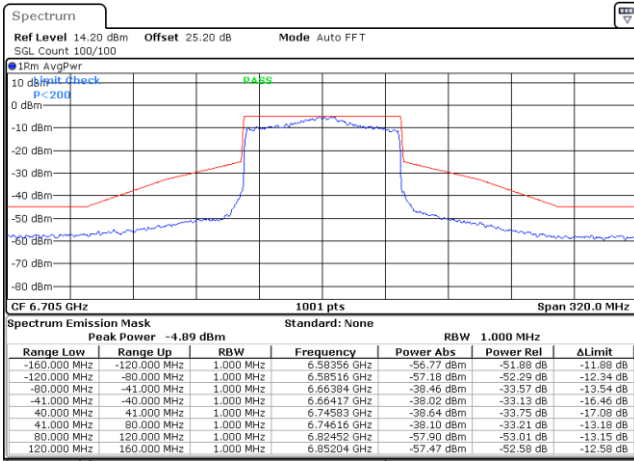
Date: 10. JUN. 2021 09:01:36

Plot on Channel 6625MHz



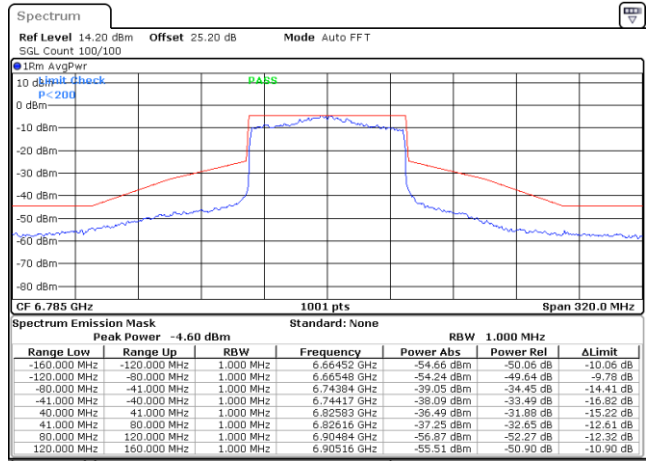
Date: 10. JUN. 2021 09:04:54

Plot on Channel 6705MHz



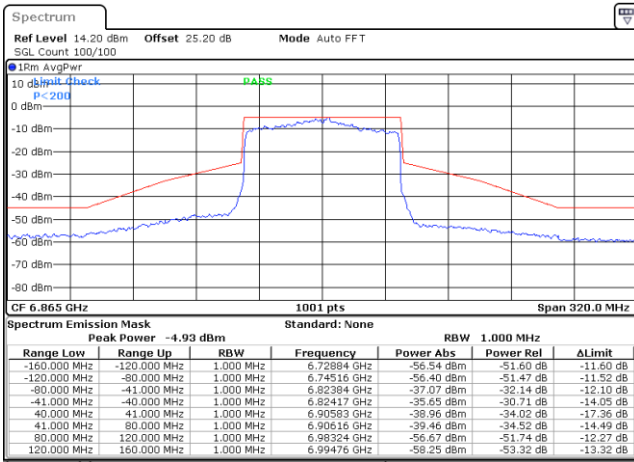
Date: 10. JUN. 2021 09:07:11

Plot on Channel 6785MHz



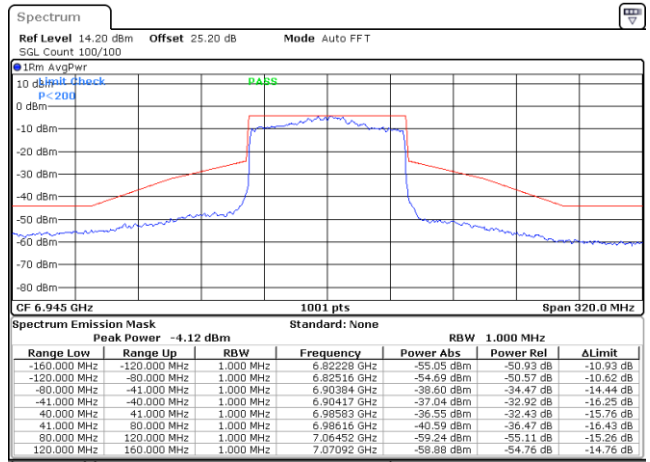
Date: 10. JUN. 2021 09:27:40

Plot on Channel 6865MHz



Date: 10. JUN. 2021 09:30:21

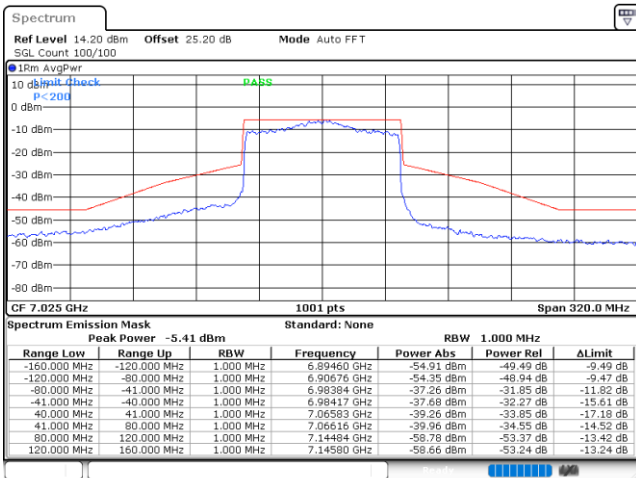
Plot on Channel 6945MHz



Date: 10. JUN. 2021 09:33:02



Plot on Channel 7025MHz



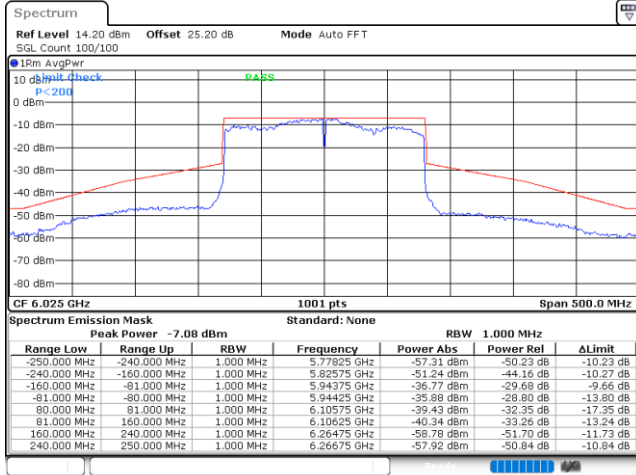
Date: 10. JUN. 2021 09:35:56





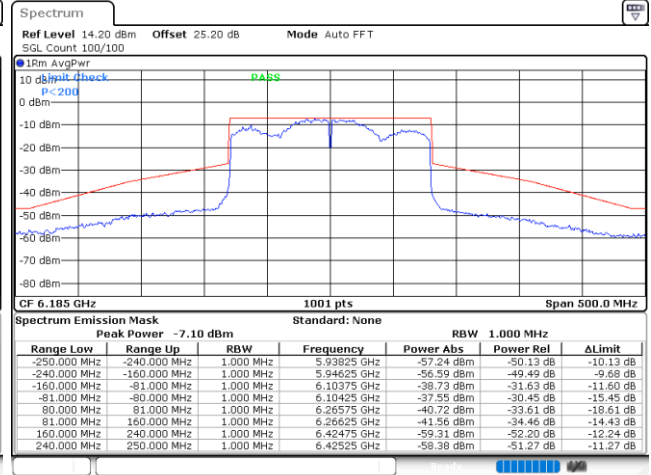
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



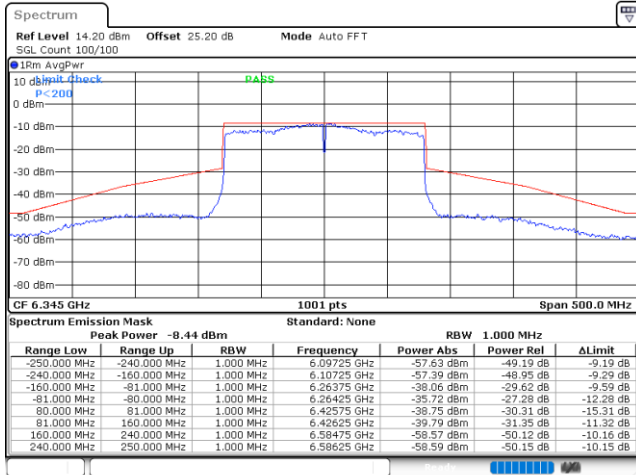
Date: 2 JUN 2021 14:21:27

Plot on Channel 6185MHz



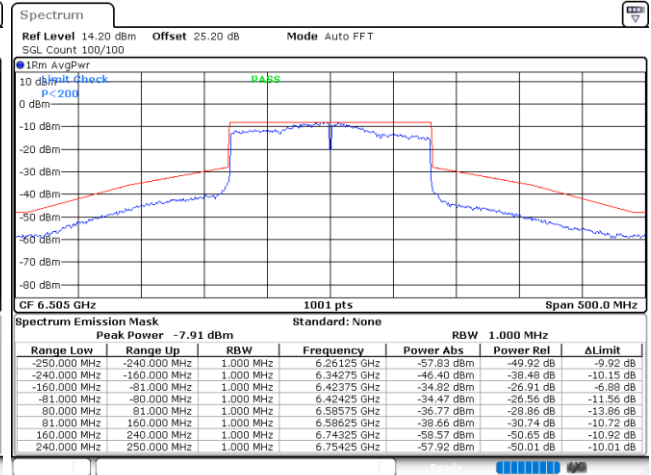
Date: 2 JUN 2021 14:23:47

Plot on Channel 6345MHz



Date: 2 JUN 2021 14:26:18

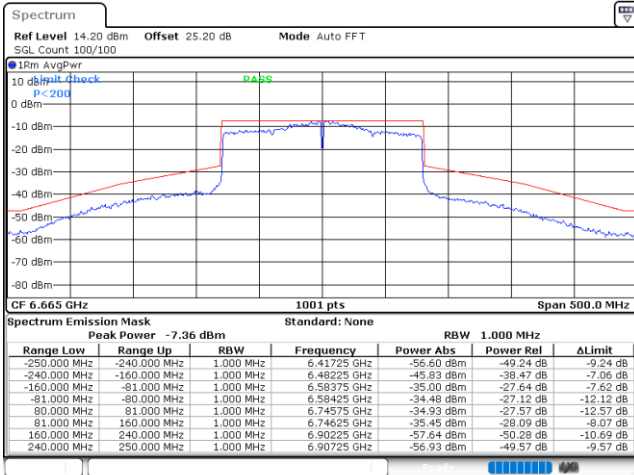
Plot on Channel 6505MHz



Date: 11 JUN 2021 10:24:48

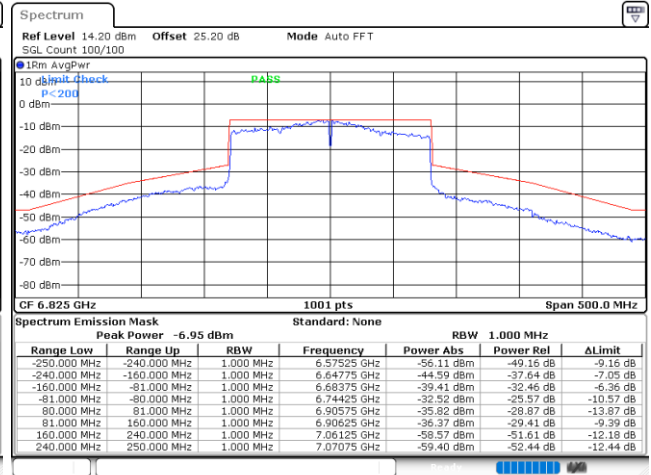


Plot on Channel 6665MHz



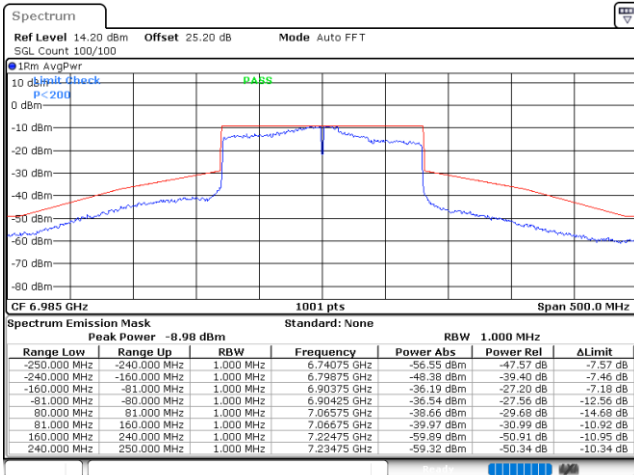
Date: 11.JUN.2021 10:27:09

Plot on Channel 6825MHz



Date: 11.JUN.2021 10:29:45

Plot on Channel 6985MHz



Date: 11.JUN.2021 10:33:45



### 3.5 Contention Based Protocol

#### 3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

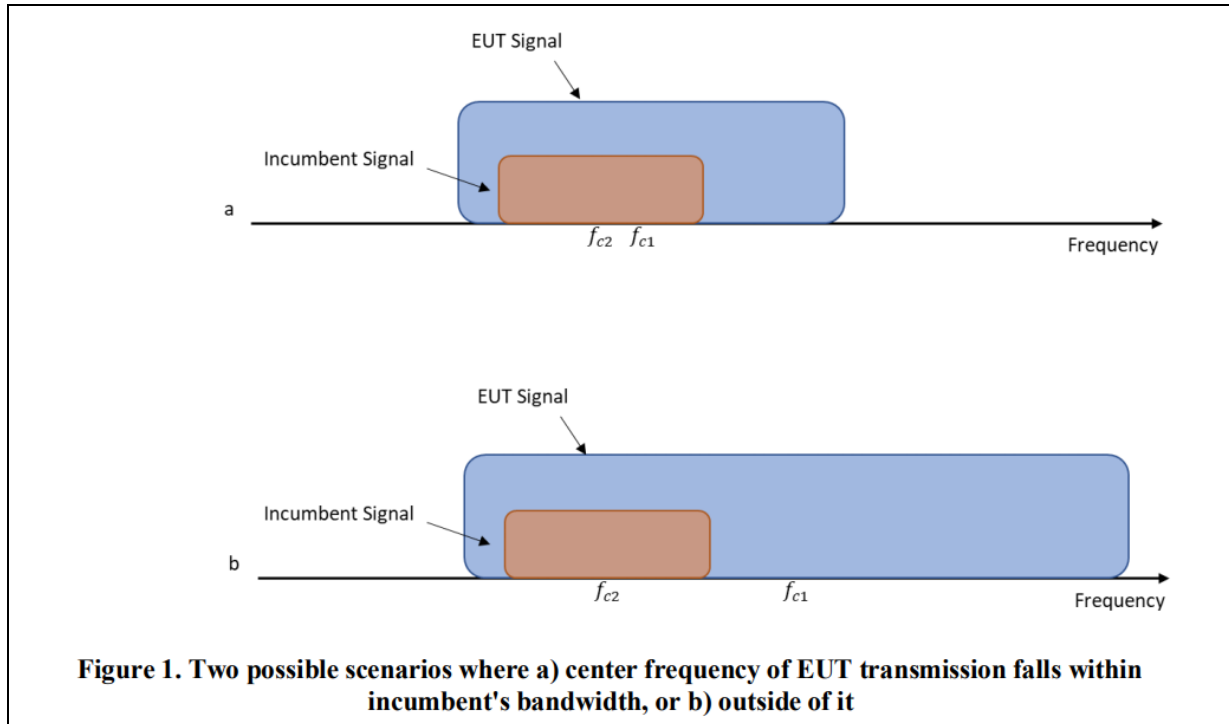
where:

$BW_{EUT}$ : Transmission bandwidth of EUT signal

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

$f_{c1}$ : Center frequency of EUT transmission

$f_{c2}$ : Center frequency of simulated incumbent signal



### 3.5.2 Measuring Instruments

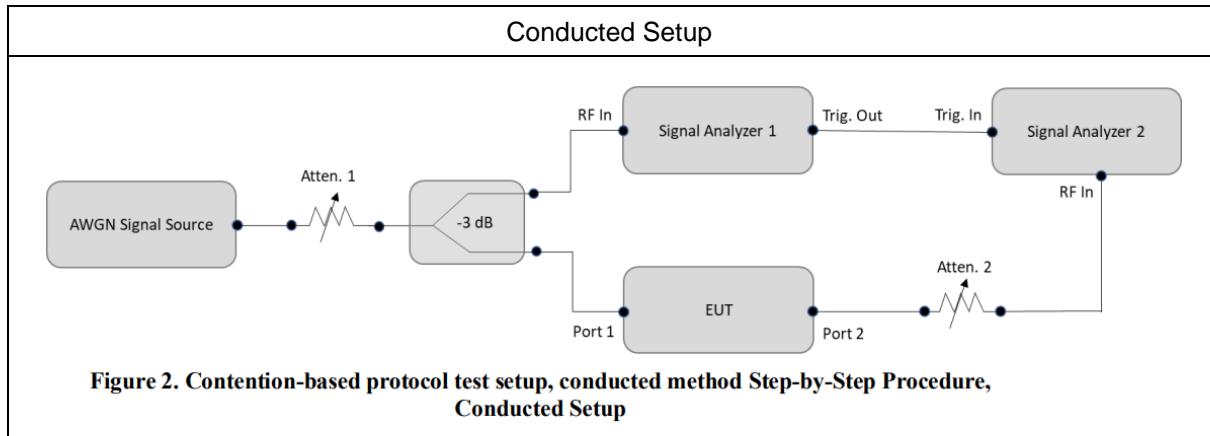
See list of measuring equipment of this test report.

### 3.5.3 Test Procedures

Refer to KDB 987594 D02 v01v01.

1. To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency  $f_{c2}$ ) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed
2. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
3. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
4. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
5. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 2, choose a different center frequency for the AWGN signal and repeat the process.

### 3.5.4 Test Setup



### 3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
WLAN AP	ASUS	GT-AXE11000	Dual Band AP
Notebook	Dell	Inspiron 14-7467	LAN



3.5.6 Test Summary of Contention Based Protocol Test

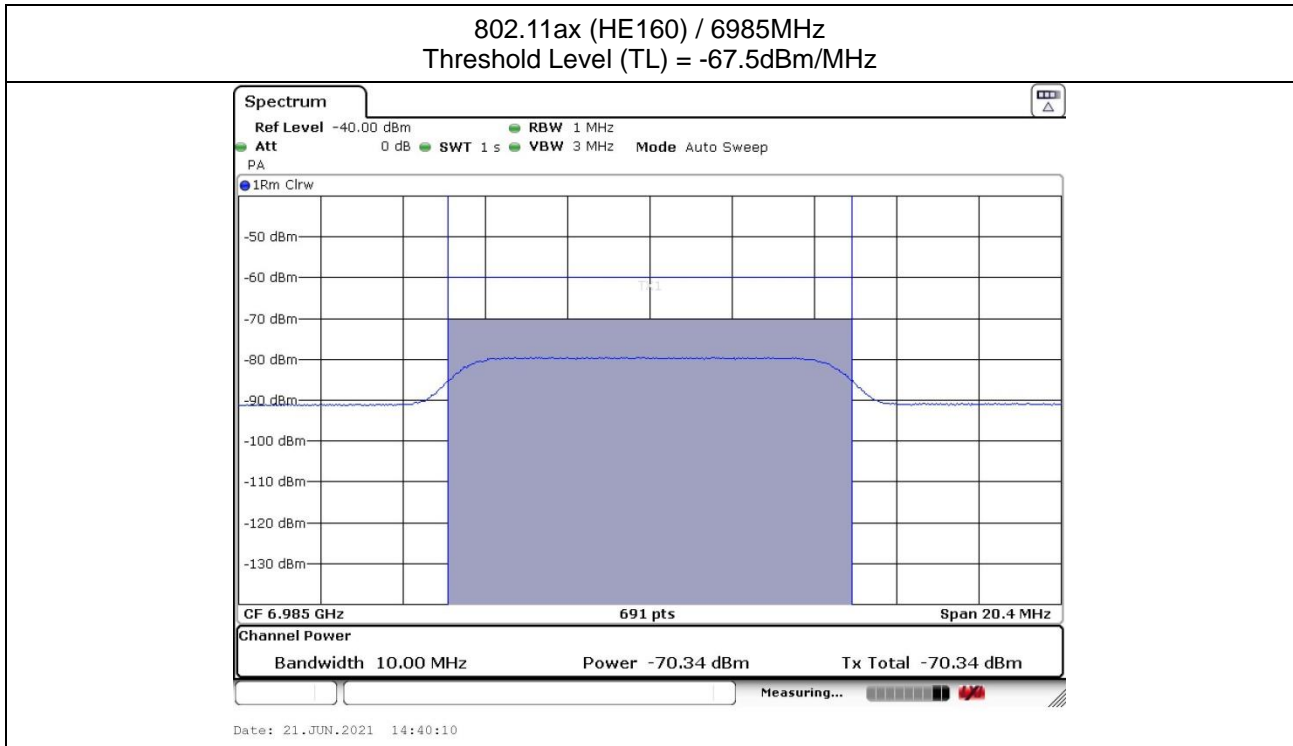
<Normal mode – WLAN Ant. 1+2>

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-79.30	100	-65.2	14.10
	6185	160	6110	-75.77	100	-65.2	10.57
			6185	-71.63	100	-65.2	6.43
			6260	-75.29	100	-65.2	10.09
UNII Band 6	6455	20	6455	-78.4	100	-65	13.4
	6505	160	6430	-74.76	100	-65	9.76
			6505	-71.65	100	-65	6.65
			6580	-76.43	100	-65	11.43
UNII Band 7	6695	20	6695	-77.39	100	-65.4	11.99
	6665	160	6590	-75.15	100	-65.4	9.75
			6665	-72.35	100	-65.4	6.95
			6740	-77.32	100	-65.4	11.92
UNII Band 8	7015	20	7015	-77.06	100	-67.5	9.56
	6985	160	6910	-75.26	100	-67.5	7.76
			6985	-70.34	100	-67.5	2.84
			7060	-72.39	100	-67.5	4.89

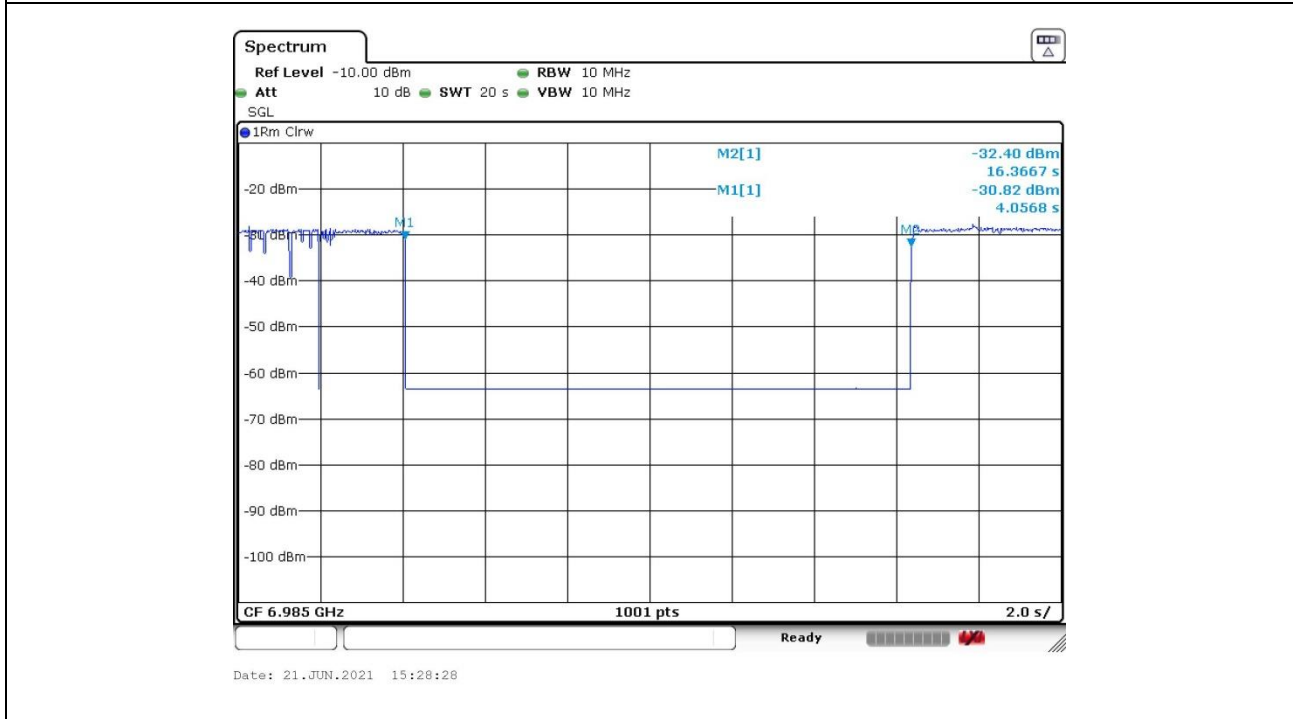
Note: Threshold Level (TL) = -62dBm + minimum antenna gain



### 3.5.7 Worst Case Plots of Contention Based Protocol



802.11ax (HE160) / 6985MHz  
Test result is pass due to no transmission occur.



Remark : M1: Injection of AWGN signal, M2: Removal of AWGN signal

### 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)	68.2
- 7 (Peak)	88.2

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

See list of measuring equipment of this test report.



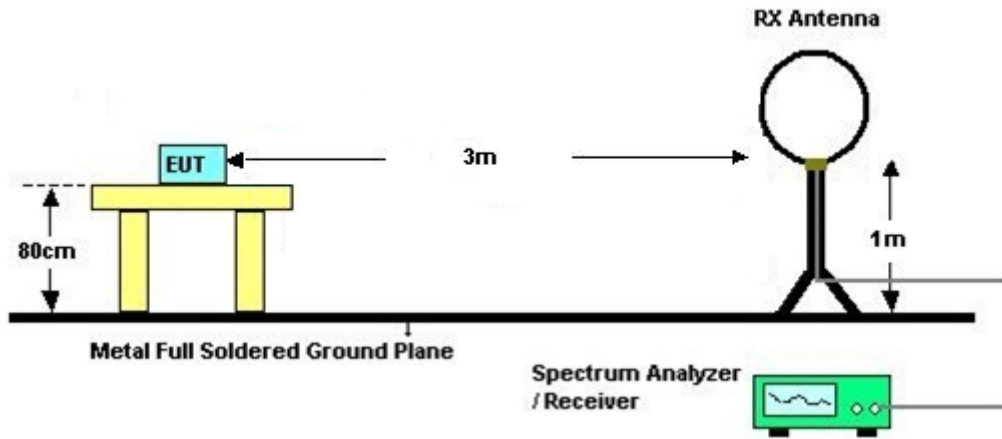


### 3.6.3 Test Procedures

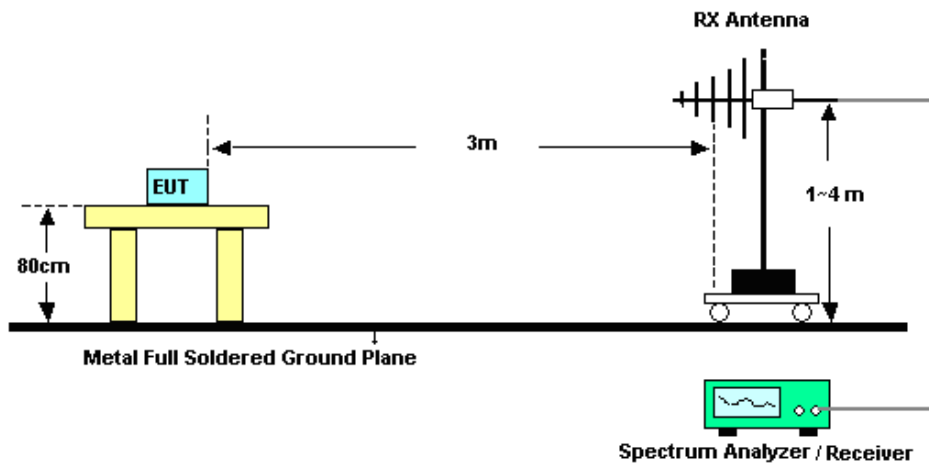
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure 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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.6.4 Test Setup

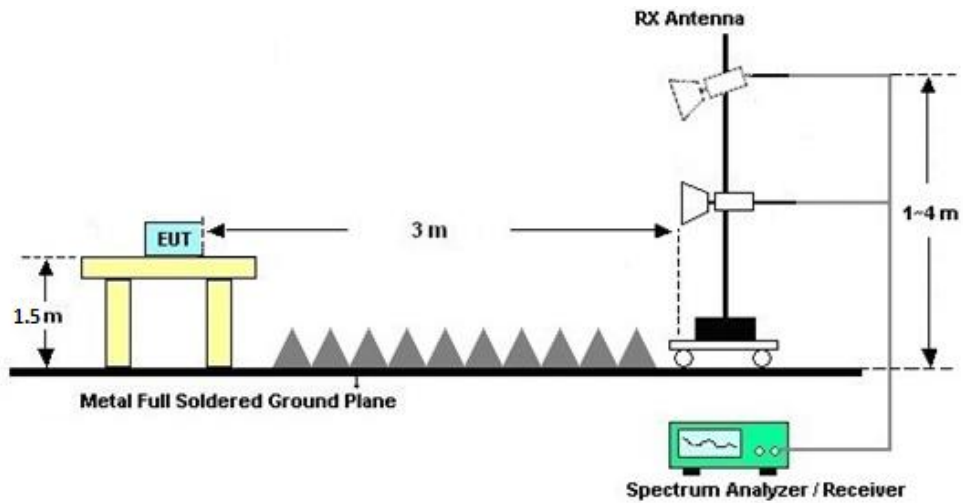
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was 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

### 3.6.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.



### 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.

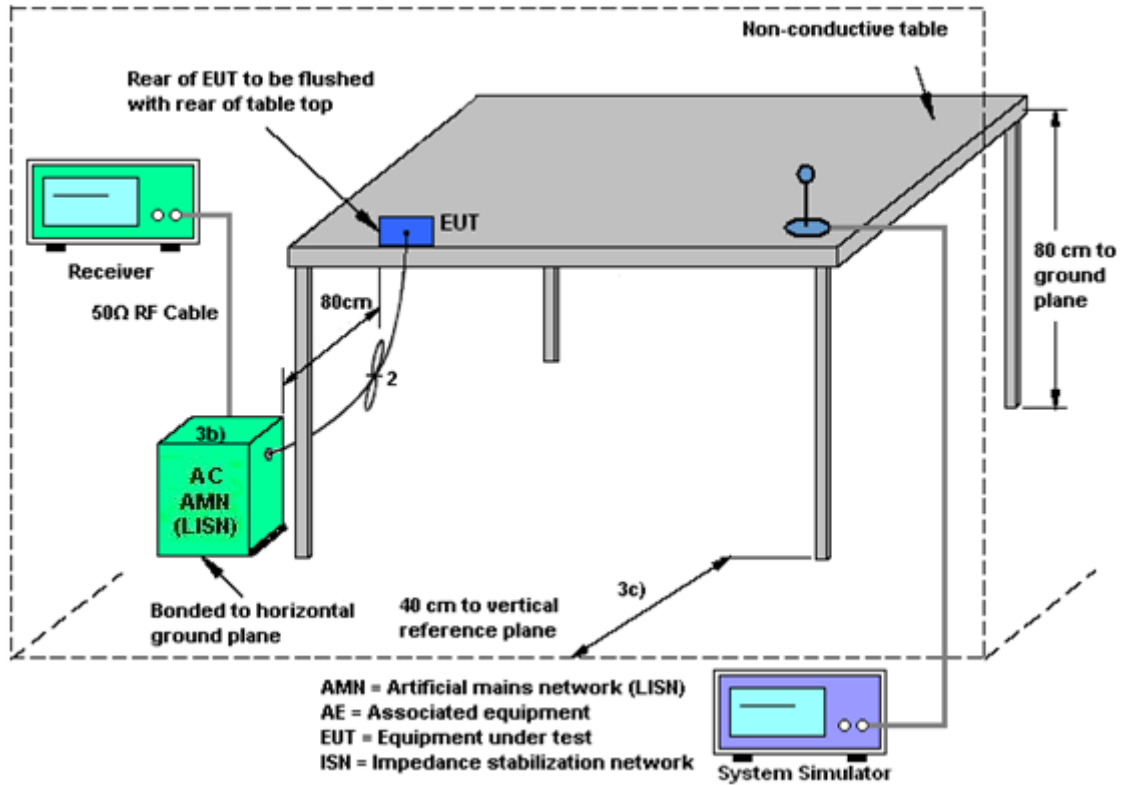
#### 3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.7.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
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 Automatically Discontinue Transmission**

### **3.8.1 Limit of Automatically Discontinue Transmission**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

### **3.8.2 Measuring Instruments**

See list of measuring equipment of this test report.

### **3.8.3 Test Result of Automatically Discontinue Transmission**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



### 3.9 Antenna Requirements

#### 3.9.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### 3.9.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

#### 3.9.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

<CDD Modes>						
	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
U-NII-5	-3.20	-2.00	-2.00	0.43	0.00	0.00
U-NII-6	-2.70	-3.00	-2.70	0.16	0.00	0.00
U-NII-7	-3.00	-3.40	-3.00	-0.19	0.00	0.00
U-NII-8	-4.70	-5.50	-4.70	-2.08	0.00	0.00

Power limit reduction = Composite gain – 6dBi, ( min = 0 )

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, ( min = 0 )



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2021	Jun. 01, 2021~ Jun. 11, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	Jun. 01, 2021~ Jun. 11, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	Jun. 01, 2021~ Jun. 11, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY551502 13	10Hz~44GHz	Jul. 21, 2020	Jun. 16, 2021	Jul. 20, 2021	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2020	Jun. 16, 2021	Jun. 21, 2021	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Jul. 15, 2020	Jun. 16, 2021	Jul. 14, 2021	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 25, 2020	Jun. 16, 2021	Jul. 24, 2021	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21, 2020	Jun. 16, 2021	Jul. 20, 2021	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 23, 2021	Jun. 16, 2021	Apr. 22, 2022	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 16, 2020	Jun. 16, 2021	Oct. 15, 2021	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 16, 2020	Jun. 16, 2021	Oct. 15, 2021	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY532701 05	0.5GHz~26.5GHz	Oct. 16, 2020	Jun. 16, 2021	Oct. 15, 2021	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010002 470	N/A	NCR	Jun. 16, 2021	NCR	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Jun. 16, 2021	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Jun. 16, 2021	NCR	Radiation (03CH02-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 07, 2021	Jun. 11, 2021	Mar. 06, 2022	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2 LISN	00103912	9kHz~30MHz	Dec. 25, 2020	Jun. 11, 2021	Dec. 24, 2021	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 15, 2020	Jun. 11, 2021	Oct. 14, 2021	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000 891	100Vac~250Vac	Jul. 21, 2020	Jun. 11, 2021	Jul. 20, 2021	Conduction (CO01-SZ)
Signal Analyzer	R&S	FSV7	101473	10Hz~7GHz	Dec. 27, 2020	Jun. 21, 2021	Dec. 26, 2021	CBP (DFS01-SZ)
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY562004 24	9kHz~6GHz	Dec. 27, 2020	Jun. 21, 2021	Dec. 26, 2021	CBP (DFS01-SZ)
Combiner	TOJOIN	PS-2AM-0460	SZE14011 007	0.4~6GHz	Sep. 04, 2020	Jun. 21, 2021	Sep. 03, 2021	CBP (DFS01-SZ)

NCR: No Calibration Required





## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.2dB
---	-------

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.0dB
---	-------

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.1dB
---	-------

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.1dB
---	-------



## **Appendix A. Conducted Test Results**

Test Engineer:	Zhang Xue Yi	Temperature:	21~25	°C
Test Date:	2021/6/1~2021/6/11	Relative Humidity:	51~54	%

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

Band V MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	5955	16.98	16.93	20.85	20.65	
11a	6Mbps	2	6175	16.98	16.93	20.85	20.75	
11a	6Mbps	2	6415	16.98	16.93	21.10	20.75	
HT20	MCS0	2	5955	18.08	18.03	21.85	21.75	
HT20	MCS0	2	6175	18.08	18.03	21.70	21.65	
HT20	MCS0	2	6415	18.08	18.03	21.90	21.50	
HT40	MCS0	2	5965	36.16	36.26	40.95	40.86	
HT40	MCS0	2	6165	36.16	36.26	40.68	40.77	
HT40	MCS0	2	6405	36.46	36.26	41.49	40.41	
VHT80	MCS0	2	5985	75.04	74.81	82.24	80.64	
VHT80	MCS0	2	6145	74.93	74.93	81.92	80.96	
VHT80	MCS0	2	6385	74.93	74.93	81.76	81.28	
VHT160	MCS0	2	6025	155.12	153.93	163.84	163.52	
VHT160	MCS0	2	6185	154.17	154.41	163.20	162.56	
VHT160	MCS0	2	6345	154.17	154.89	164.48	162.88	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band V MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	5955	0.09	0.09	5.04	5.24	8.15	-2.00		6.15	24.00	Pass
11a	6Mbps	2	6175	0.09	0.09	5.17	4.32	7.78	-2.00		5.78	24.00	Pass
11a	6Mbps	2	6415	0.09	0.09	5.29	4.59	7.96	-2.00		5.96	24.00	Pass
HT20	MCS0	2	5955	0.00	0.00	5.58	6.07	8.84	-2.00		6.84	24.00	Pass
HT20	MCS0	2	6175	0.00	0.00	5.80	5.10	8.47	-2.00		6.47	24.00	Pass
HT20	MCS0	2	6415	0.00	0.00	5.53	5.15	8.35	-2.00		6.35	24.00	Pass
HT40	MCS0	2	5965	0.00	0.00	8.15	8.06	11.12	-2.00		9.12	24.00	Pass
HT40	MCS0	2	6165	0.00	0.00	8.66	7.25	11.02	-2.00		9.02	24.00	Pass
HT40	MCS0	2	6405	0.00	0.00	8.56	7.54	11.09	-2.00		9.09	24.00	Pass
VHT20	MCS0	2	5955	0.00	0.00	5.35	6.01	8.70	-2.00		6.70	24.00	Pass
VHT20	MCS0	2	6175	0.00	0.00	5.79	5.00	8.42	-2.00		6.42	24.00	Pass
VHT20	MCS0	2	6415	0.00	0.00	5.52	5.10	8.33	-2.00		6.33	24.00	Pass
VHT40	MCS0	2	5965	0.00	0.00	8.14	8.04	11.10	-2.00		9.10	24.00	Pass
VHT40	MCS0	2	6165	0.00	0.00	8.65	7.23	11.01	-2.00		9.01	24.00	Pass
VHT40	MCS0	2	6405	0.00	0.00	8.54	7.50	11.06	-2.00		9.06	24.00	Pass
VHT80	MCS0	2	5985	0.00	0.00	11.12	10.22	13.70	-2.00		11.70	24.00	Pass
VHT80	MCS0	2	6145	0.00	0.00	12.05	9.80	14.08	-2.00		12.08	24.00	Pass
VHT80	MCS0	2	6385	0.00	0.00	11.53	10.04	13.86	-2.00		11.86	24.00	Pass
VHT160	MCS0	2	6025	0.00	0.00	13.52	12.11	15.88	-2.00		13.88	24.00	Pass
VHT160	MCS0	2	6185	0.00	0.00	13.57	11.08	15.51	-2.00		13.51	24.00	Pass
VHT160	MCS0	2	6345	0.00	0.00	12.31	10.37	14.46	-2.00		12.46	24.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band V MIMO											
Mod.	Data Rate	N <sub>TX</sub>	Freq. (MHz)	Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	5955			-2.15	0.43	-1.72	-1.00	Pass	
11a	6Mbps	2	6175			-1.91	0.43	-1.48	-1.00	Pass	
11a	6Mbps	2	6415			-2.30	0.43	-1.87	-1.00	Pass	
HT20	MCS0	2	5955			-1.87	0.43	-1.44	-1.00	Pass	
HT20	MCS0	2	6175			-2.22	0.43	-1.79	-1.00	Pass	
HT20	MCS0	2	6415			-2.26	0.43	-1.83	-1.00	Pass	
HT40	MCS0	2	5965			-2.11	0.43	-1.68	-1.00	Pass	
HT40	MCS0	2	6165			-2.14	0.43	-1.71	-1.00	Pass	
HT40	MCS0	2	6405			-1.99	0.43	-1.56	-1.00	Pass	
VHT80	MCS0	2	5985			-2.27	0.43	-1.84	-1.00	Pass	
VHT80	MCS0	2	6145			-1.81	0.43	-1.38	-1.00	Pass	
VHT80	MCS0	2	6385			-1.77	0.43	-1.34	-1.00	Pass	
VHT160	MCS0	2	6025			-3.18	0.43	-2.75	-1.00	Pass	
VHT160	MCS0	2	6185			-3.98	0.43	-3.55	-1.00	Pass	
VHT160	MCS0	2	6345			-4.49	0.43	-4.06	-1.00	Pass	

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

Band VI MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6435	16.93	17.03	20.85	20.45	
11a	6Mbps	2	6475	16.98	17.03	20.55	20.35	
11a	6Mbps	2	6515	17.03	17.08	20.70	20.00	
HT20	MCS0	2	6435	18.03	18.03	21.75	21.55	
HT20	MCS0	2	6475	18.08	18.03	21.80	21.45	
HT20	MCS0	2	6515	18.08	18.08	21.65	21.50	
HT40	MCS0	2	6445	36.26	36.26	40.77	40.77	
HT40	MCS0	2	6485	36.16	36.26	40.95	40.59	
HT40	MCS0	2	6525	36.26	36.16	40.86	41.04	
VHT80	MCS0	2	6465	74.93	74.81	82.40	80.96	
VHT80	MCS0	2	6545	75.04	74.93	81.60	81.12	
VHT160	MCS0	2	6505	154.65	154.65	163.52	164.16	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VI MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6435	0.09	0.09	7.16	6.58	9.89	-2.70		7.19	24.00	Pass
11a	6Mbps	2	6475	0.09	0.09	6.89	6.72	9.82	-2.70		7.12	24.00	Pass
11a	6Mbps	2	6515	0.09	0.09	6.85	6.57	9.72	-2.70		7.02	24.00	Pass
HT20	MCS0	2	6435	0.00	0.00	7.32	6.80	10.08	-2.70		7.38	24.00	Pass
HT20	MCS0	2	6475	0.00	0.00	7.23	7.39	10.32	-2.70		7.62	24.00	Pass
HT20	MCS0	2	6515	0.00	0.00	7.22	7.26	10.25	-2.70		7.55	24.00	Pass
HT40	MCS0	2	6445	0.00	0.00	9.46	9.22	12.35	-2.70		9.65	24.00	Pass
HT40	MCS0	2	6485	0.00	0.00	9.16	9.42	12.30	-2.70		9.60	24.00	Pass
HT40	MCS0	2	6525	0.00	0.00	9.06	8.35	11.73	-2.70		9.03	24.00	Pass
VHT20	MCS0	2	6435	0.00	0.00	7.30	6.76	10.05	-2.70		7.35	24.00	Pass
VHT20	MCS0	2	6475	0.00	0.00	7.22	7.35	10.30	-2.70		7.60	24.00	Pass
VHT20	MCS0	2	6515	0.00	0.00	7.20	7.24	10.23	-2.70		7.53	24.00	Pass
VHT40	MCS0	2	6445	0.00	0.00	9.44	9.20	12.33	-2.70		9.63	24.00	Pass
VHT40	MCS0	2	6485	0.00	0.00	9.15	9.39	12.28	-2.70		9.58	24.00	Pass
VHT40	MCS0	2	6525	0.00	0.00	9.04	8.34	11.71	-2.70		9.01	24.00	Pass
VHT80	MCS0	2	6465	0.00	0.00	11.26	11.25	14.27	-2.70		11.57	24.00	Pass
VHT80	MCS0	2	6545	0.00	0.00	11.50	10.13	13.88	-2.70		11.18	24.00	Pass
VHT160	MCS0	2	6505	0.00	0.00	11.46	10.36	13.96	-2.70		11.26	24.00	Pass



**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VI MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6435	0.09	0.09			-1.80	0.16		-1.64	-1.00	Pass
11a	6Mbps	2	6475	0.09	0.09			-1.80	0.16		-1.63	-1.00	Pass
11a	6Mbps	2	6515	0.09	0.09			-1.83	0.16		-1.67	-1.00	Pass
HT20	MCS0	2	6435	0.00	0.00			-1.83	0.16		-1.66	-1.00	Pass
HT20	MCS0	2	6475	0.00	0.00			-1.51	0.16		-1.35	-1.00	Pass
HT20	MCS0	2	6515	0.00	0.00			-1.61	0.16		-1.45	-1.00	Pass
HT40	MCS0	2	6445	0.00	0.00			-1.66	0.16		-1.50	-1.00	Pass
HT40	MCS0	2	6485	0.00	0.00			-1.56	0.16		-1.40	-1.00	Pass
HT40	MCS0	2	6525	0.00	0.00			-1.83	0.16		-1.67	-1.00	Pass
VHT80	MCS0	2	6465	0.00	0.00			-1.69	0.16		-1.53	-1.00	Pass
VHT80	MCS0	2	6545	0.00	0.00			-1.89	0.16		-1.73	-1.00	Pass
VHT160	MCS0	2	6505	0.00	0.00			-5.14	0.16		-4.98	-1.00	Pass

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

Band VII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6535	16.98	17.03	20.70	20.60	
11a	6Mbps	2	6695	16.93	16.93	21.05	20.50	
11a	6Mbps	2	6855	16.98	16.98	20.95	20.25	
HT20	MCS0	2	6535	18.03	18.08	21.70	21.75	
HT20	MCS0	2	6695	18.08	18.03	21.75	21.60	
HT20	MCS0	2	6855	18.03	18.08	21.75	21.50	
HT40	MCS0	2	6565	36.26	36.26	41.22	41.31	
HT40	MCS0	2	6685	36.26	36.16	40.59	40.86	
HT40	MCS0	2	6845	36.26	36.16	40.95	40.95	
VHT80	MCS0	2	6625	75.04	74.93	81.60	80.80	
VHT80	MCS0	2	6705	75.04	74.93	81.28	81.12	
VHT80	MCS0	2	6785	74.93	74.81	81.60	80.80	
VHT80	MCS0	2	6865	74.93	74.93	81.60	81.12	
VHT160	MCS0	2	6665	155.12	154.89	164.16	164.48	
VHT160	MCS0	2	6825	154.89	154.89	163.52	164.48	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6535	0.09	0.09	5.39	5.49	8.45	-3.00	-3.00	5.45	24.00	Pass
11a	6Mbps	2	6695	0.09	0.09	4.80	5.75	8.31	-3.00	-3.00	5.31	24.00	Pass
11a	6Mbps	2	6855	0.09	0.09	5.22	5.46	8.35	-3.00	-3.00	5.35	24.00	Pass
HT20	MCS0	2	6535	0.00	0.00	5.34	5.67	8.52	-3.00	-3.00	5.52	24.00	Pass
HT20	MCS0	2	6695	0.00	0.00	5.45	6.33	8.92	-3.00	-3.00	5.92	24.00	Pass
HT20	MCS0	2	6855	0.00	0.00	5.68	6.12	8.92	-3.00	-3.00	5.92	24.00	Pass
HT40	MCS0	2	6565	0.00	0.00	9.56	8.12	11.91	-3.00	-3.00	8.91	24.00	Pass
HT40	MCS0	2	6685	0.00	0.00	9.80	8.96	12.41	-3.00	-3.00	9.41	24.00	Pass
HT40	MCS0	2	6845	0.00	0.00	9.52	8.50	12.05	-3.00	-3.00	9.05	24.00	Pass
VHT20	MCS0	2	6535	0.00	0.00	5.33	5.66	8.51	-3.00	-3.00	5.51	24.00	Pass
VHT20	MCS0	2	6695	0.00	0.00	5.40	6.30	8.88	-3.00	-3.00	5.88	24.00	Pass
VHT20	MCS0	2	6855	0.00	0.00	5.65	6.09	8.89	-3.00	-3.00	5.89	24.00	Pass
VHT40	MCS0	2	6565	0.00	0.00	9.54	8.10	11.89	-3.00	-3.00	8.89	24.00	Pass
VHT40	MCS0	2	6685	0.00	0.00	9.78	8.94	12.39	-3.00	-3.00	9.39	24.00	Pass
VHT40	MCS0	2	6845	0.00	0.00	9.50	8.45	12.02	-3.00	-3.00	9.02	24.00	Pass
VHT80	MCS0	2	6625	0.00	0.00	11.98	10.61	14.36	-3.00	-3.00	11.36	24.00	Pass
VHT80	MCS0	2	6705	0.00	0.00	11.94	10.66	14.36	-3.00	-3.00	11.36	24.00	Pass
VHT80	MCS0	2	6785	0.00	0.00	11.75	10.87	14.34	-3.00	-3.00	11.34	24.00	Pass
VHT80	MCS0	2	6865	0.00	0.00	12.30	10.40	14.46	-3.00	-3.00	11.46	24.00	Pass
VHT160	MCS0	2	6665	0.00	0.00	11.24	10.54	13.91	-3.00	-3.00	10.91	24.00	Pass
VHT160	MCS0	2	6825	0.00	0.00	12.44	10.95	14.77	-3.00	-3.00	11.77	24.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6535	0.09	0.09			-1.39	-0.19		-1.58	-1.00	Pass
11a	6Mbps	2	6695	0.09	0.09			-1.41	-0.19		-1.60	-1.00	Pass
11a	6Mbps	2	6855	0.09	0.09			-1.31	-0.19		-1.50	-1.00	Pass
HT20	MCS0	2	6535	0.00	0.00			-1.40	-0.19		-1.59	-1.00	Pass
HT20	MCS0	2	6695	0.00	0.00			-1.20	-0.19		-1.38	-1.00	Pass
HT20	MCS0	2	6855	0.00	0.00			-1.19	-0.19		-1.38	-1.00	Pass
HT40	MCS0	2	6565	0.00	0.00			-1.57	-0.19		-1.75	-1.00	Pass
HT40	MCS0	2	6685	0.00	0.00			-1.11	-0.19		-1.29	-1.00	Pass
HT40	MCS0	2	6845	0.00	0.00			-1.53	-0.19		-1.72	-1.00	Pass
VHT80	MCS0	2	6625	0.00	0.00			-1.44	-0.19		-1.62	-1.00	Pass
VHT80	MCS0	2	6705	0.00	0.00			-1.48	-0.19		-1.67	-1.00	Pass
VHT80	MCS0	2	6785	0.00	0.00			-1.37	-0.19		-1.56	-1.00	Pass
VHT80	MCS0	2	6865	0.00	0.00			-1.51	-0.19		-1.70	-1.00	Pass
VHT160	MCS0	2	6665	0.00	0.00			-5.23	-0.19		-5.42	-1.00	Pass
VHT160	MCS0	2	6825	0.00	0.00			-4.42	-0.19		-4.61	-1.00	Pass

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

Band VIII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6875	16.88	16.93	20.70	20.75	
11a	6Mbps	2	6895	16.93	17.03	20.85	20.75	
11a	6Mbps	2	6995	16.78	16.83	20.75	20.35	
11a	6Mbps	2	7115	16.88	16.98	20.80	20.60	
HT20	MCS0	2	6875	18.03	17.98	22.05	21.80	
HT20	MCS0	2	6895	18.03	17.98	22.25	21.55	
HT20	MCS0	2	6995	17.88	17.88	21.60	21.20	
HT20	MCS0	2	7115	17.98	17.93	21.75	21.45	
HT40	MCS0	2	6885	36.16	36.26	40.95	40.77	
HT40	MCS0	2	6925	36.26	36.16	41.85	40.95	
HT40	MCS0	2	6965	36.16	36.16	41.85	40.77	
HT40	MCS0	2	7085	36.26	36.26	41.58	41.13	
VHT80	MCS0	2	6945	75.16	74.93	81.28	81.12	
VHT80	MCS0	2	7025	75.16	75.28	81.92	82.08	
VHT160	MCS0	2	6985	153.69	155.60	162.56	164.48	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VIII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6875	0.09	0.09	8.05	6.56	10.38	-4.70		5.68	24.00	Pass
11a	6Mbps	2	6895	0.09	0.09	8.24	6.47	10.46	-4.70		5.76	24.00	Pass
11a	6Mbps	2	6995	0.09	0.09	7.32	6.20	9.81	-4.70		5.11	24.00	Pass
11a	6Mbps	2	7115	0.09	0.00	10.10	8.89	12.55	-4.70		7.85	24.00	Pass
HT20	MCS0	2	6875	0.00	0.00	7.98	6.52	10.32	-4.70		5.62	24.00	Pass
HT20	MCS0	2	6895	0.00	0.00	8.26	6.48	10.47	-4.70		5.77	24.00	Pass
HT20	MCS0	2	6995	0.00	0.00	7.85	6.70	10.32	-4.70		5.62	24.00	Pass
HT20	MCS0	2	7115	0.00	0.00	10.65	9.68	13.20	-4.70		8.50	24.00	Pass
HT40	MCS0	2	6885	0.00	0.00	11.86	10.13	14.09	-4.70		9.39	24.00	Pass
HT40	MCS0	2	6925	0.00	0.00	11.56	10.22	13.95	-4.70		9.25	24.00	Pass
HT40	MCS0	2	6965	0.00	0.00	11.59	9.66	13.74	-4.70		9.04	24.00	Pass
HT40	MCS0	2	7085	0.00	0.00	12.54	11.90	15.24	-4.70		10.54	24.00	Pass
VHT20	MCS0	2	6875	0.00	0.00	7.96	6.50	10.30	-4.70		5.60	24.00	Pass
VHT20	MCS0	2	6895	0.00	0.00	8.24	6.46	10.45	-4.70		5.75	24.00	Pass
VHT20	MCS0	2	6995	0.00	0.00	7.82	6.68	10.30	-4.70		5.60	24.00	Pass
VHT20	MCS0	2	7115	0.00	0.00	10.61	9.67	13.18	-4.70		8.48	24.00	Pass
VHT40	MCS0	2	6885	0.00	0.00	11.82	10.10	14.05	-4.70		9.35	24.00	Pass
VHT40	MCS0	2	6925	0.00	0.00	11.54	10.20	13.93	-4.70		9.23	24.00	Pass
VHT40	MCS0	2	6965	0.00	0.00	11.58	9.64	13.73	-4.70		9.03	24.00	Pass
VHT40	MCS0	2	7085	0.00	0.00	12.51	11.88	15.22	-4.70		10.52	24.00	Pass
VHT80	MCS0	2	6945	0.00	0.00	13.40	11.03	15.39	-4.70		10.69	24.00	Pass
VHT80	MCS0	2	7025	0.00	0.00	12.60	10.81	14.81	-4.70		10.11	24.00	Pass
VHT160	MCS0	2	6985	0.00	0.00	11.03	9.15	13.20	-4.70		8.50	24.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VIII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6875	0.09	0.09			0.52		-2.08	-1.56	-1.00	Pass
11a	6Mbps	2	6895	0.09	0.09			0.77		-2.08	-1.31	-1.00	Pass
11a	6Mbps	2	6995	0.09	0.09			0.41		-2.08	-1.67	-1.00	Pass
11a	6Mbps	2	7115	0.09	0.09			0.47		-2.08	-1.61	-1.00	Pass
HT20	MCS0	2	6875	0.00	0.00			0.30		-2.08	-1.78	-1.00	Pass
HT20	MCS0	2	6895	0.00	0.00			0.45		-2.08	-1.63	-1.00	Pass
HT20	MCS0	2	6995	0.00	0.00			0.39		-2.08	-1.69	-1.00	Pass
HT20	MCS0	2	7115	0.00	0.00			0.50		-2.08	-1.58	-1.00	Pass
HT40	MCS0	2	6885	0.00	0.00			0.43		-2.08	-1.65	-1.00	Pass
HT40	MCS0	2	6925	0.00	0.00			0.69		-2.08	-1.39	-1.00	Pass
HT40	MCS0	2	6965	0.00	0.00			0.46		-2.08	-1.62	-1.00	Pass
HT40	MCS0	2	7085	0.00	0.00			0.07		-2.08	-2.01	-1.00	Pass
VHT80	MCS0	2	6945	0.00	0.00			-0.55		-2.08	-2.63	-1.00	Pass
VHT80	MCS0	2	7025	0.00	0.00			-2.37		-2.08	-4.45	-1.00	Pass
VHT160	MCS0	2	6985	0.00	0.00			-5.77		-2.08	-7.85	-1.00	Pass

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

Band V MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	5955	Full	19.38	19.38	22.20	22.45	
HE20	MCS0	2	6175	Full	19.33	19.43	22.20	22.60	
HE20	MCS0	2	6415	Full	19.38	19.38	22.40	22.55	
HE40	MCS0	2	5965	Full	37.86	37.96	41.58	41.49	
HE40	MCS0	2	6165	Full	37.96	37.96	41.40	41.40	
HE40	MCS0	2	6405	Full	37.86	37.96	41.58	41.40	
HE80	MCS0	2	5985	Full	76.72	76.72	81.92	81.60	
HE80	MCS0	2	6145	Full	76.72	76.60	81.76	81.12	
HE80	MCS0	2	6385	Full	76.72	76.72	81.92	82.08	
HE160	MCS0	2	6025	Full	155.12	153.45	162.88	162.24	
HE160	MCS0	2	6185	Full	154.65	153.93	162.56	163.52	
HE160	MCS0	2	6345	Full	154.65	154.89	163.84	162.24	



**TEST RESULTS DATA**  
**EIRP Power Table**

Band V MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	5955	Full	0.00	0.00	5.75	5.83	8.80	-2.00		6.80	24.00	Pass
HE20	MCS0	2	5955	26/0	0.00	0.00	-3.30	-3.80	-0.53	-2.00		-2.53	24.00	Pass
HE20	MCS0	2	5955	52/37	0.00	0.00	-0.80	-0.37	2.43	-2.00		0.43	24.00	Pass
HE20	MCS0	2	5955	106/53	0.00	0.00	2.38	2.66	5.53	-2.00		3.53	24.00	Pass
HE20	MCS0	2	6175	Full	0.00	0.00	7.02	4.82	9.07	-2.00		7.07	24.00	Pass
HE20	MCS0	2	6415	Full	0.00	0.00	5.60	4.92	8.28	-2.00		6.28	24.00	Pass
HE20	MCS0	2	6415	26/8	0.00	0.00	-3.92	-2.19	0.04	-2.00		-1.96	24.00	Pass
HE20	MCS0	2	6415	52/40	0.00	0.00	0.50	-1.40	2.66	-2.00		0.66	24.00	Pass
HE20	MCS0	2	6415	106/54	0.00	0.00	3.30	2.16	5.78	-2.00		3.78	24.00	Pass
HE40	MCS0	2	5965	Full	0.00	0.00	8.66	8.20	11.45	-2.00		9.45	24.00	Pass
HE40	MCS0	2	5965	242/61	0.00	0.00	6.44	7.24	9.87	-2.00		7.87	24.00	Pass
HE40	MCS0	2	6165	Full	0.00	0.00	9.45	7.46	11.58	-2.00		9.58	24.00	Pass
HE40	MCS0	2	6405	Full	0.00	0.00	9.17	7.80	11.55	-2.00		9.55	24.00	Pass
HE40	MCS0	2	6405	242/62	0.00	0.00	7.65	6.22	10.00	-2.00		8.00	24.00	Pass
HE80	MCS0	2	5985	Full	0.00	0.00	11.24	11.01	14.14	-2.00		12.14	24.00	Pass
HE80	MCS0	2	5985	484/65	0.00	0.00	10.50	9.82	13.18	-2.00		11.18	24.00	Pass
HE80	MCS0	2	6145	Full	0.00	0.00	12.10	10.90	14.55	-2.00		12.55	24.00	Pass
HE80	MCS0	2	6385	Full	0.00	0.00	12.11	10.77	14.50	-2.00		12.50	24.00	Pass
HE80	MCS0	2	6385	484/66	0.00	0.00	11.74	10.11	14.01	-2.00		12.01	24.00	Pass
HE160	MCS0	2	6025	Full	0.00	0.00	13.58	12.14	15.93	-2.00		13.93	24.00	Pass
HE160	MCS0	2	6025	996/67	0.00	0.00	11.86	10.47	14.23	-2.00		12.23	24.00	Pass
HE160	MCS0	2	6185	Full	0.00	0.00	13.62	11.14	15.56	-2.00		13.56	24.00	Pass
HE160	MCS0	2	6345	Full	0.00	0.00	12.37	10.45	14.53	-2.00		12.53	24.00	Pass
HE160	MCS0	2	6345	996/S67	0.00	0.00	10.81	9.05	13.03	-2.00		11.03	24.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band V MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	5955	Full	0.00	0.00	-1.81	0.43	-1.38	-1.00	Pass			
HE20	MCS0	2	5955	26/0	0.00	0.00	-2.04	0.43	-1.61	-1.00	Pass			
HE20	MCS0	2	5955	52/37	0.00	0.00	-1.97	0.43	-1.54	-1.00	Pass			
HE20	MCS0	2	5955	106/53	0.00	0.00	-2.23	0.43	-1.80	-1.00	Pass			
HE20	MCS0	2	6175	Full	0.00	0.00	-2.12	0.43	-1.68	-1.00	Pass			
HE20	MCS0	2	6415	Full	0.00	0.00	-2.04	0.43	-1.61	-1.00	Pass			
HE20	MCS0	2	6415	26/8	0.00	0.00	-2.05	0.43	-1.62	-1.00	Pass			
HE20	MCS0	2	6415	52/40	0.00	0.00	-2.54	0.43	-2.11	-1.00	Pass			
HE20	MCS0	2	6415	106/54	0.00	0.00	-2.90	0.43	-2.47	-1.00	Pass			
HE40	MCS0	2	5965	Full	0.00	0.00	-1.76	0.43	-1.33	-1.00	Pass			
HE40	MCS0	2	5965	242/61	0.00	0.00	-2.64	0.43	-2.21	-1.00	Pass			
HE40	MCS0	2	6165	Full	0.00	0.00	-2.08	0.43	-1.65	-1.00	Pass			
HE40	MCS0	2	6405	Full	0.00	0.00	-1.89	0.43	-1.45	-1.00	Pass			
HE40	MCS0	2	6405	242/62	0.00	0.00	-2.04	0.43	-1.61	-1.00	Pass			
HE80	MCS0	2	5985	Full	0.00	0.00	-2.10	0.43	-1.67	-1.00	Pass			
HE80	MCS0	2	5985	484/65	0.00	0.00	-2.57	0.43	-2.14	-1.00	Pass			
HE80	MCS0	2	6145	Full	0.00	0.00	-1.69	0.43	-1.26	-1.00	Pass			
HE80	MCS0	2	6385	Full	0.00	0.00	-1.74	0.43	-1.31	-1.00	Pass			
HE80	MCS0	2	6385	484/66	0.00	0.00	-2.00	0.43	-1.57	-1.00	Pass			
HE160	MCS0	2	6025	Full	0.00	0.00	-3.60	0.43	-3.17	-1.00	Pass			
HE160	MCS0	2	6025	996/67	0.00	0.00	-3.91	0.43	-3.48	-1.00	Pass			
HE160	MCS0	2	6185	Full	0.00	0.00	-4.43	0.43	-4.00	-1.00	Pass			
HE160	MCS0	2	6345	Full	0.00	0.00	-5.18	0.43	-4.75	-1.00	Pass			
HE160	MCS0	2	6345	996/S67	0.00	0.00	-5.70	0.43	-5.27	-1.00	Pass			

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

Band VI MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6435	Full	19.33	19.38	22.20	22.65	
HE20	MCS0	2	6475	Full	19.38	19.38	22.10	22.40	
HE20	MCS0	2	6515	Full	19.38	19.43	22.40	22.20	
HE40	MCS0	2	6445	Full	37.86	38.06	41.40	41.76	
HE40	MCS0	2	6485	Full	37.86	37.76	41.13	41.67	
HE40	MCS0	2	6525	Full	37.96	37.86	41.31	41.40	
HE80	MCS0	2	6465	Full	76.84	76.60	81.92	81.76	
HE80	MCS0	2	6545	Full	76.72	76.84	82.08	82.24	
HE160	MCS0	2	6505	Full	154.65	154.41	163.84	162.88	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VI MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	097	6435	Full	0.00	0.00	7.12	6.54	9.85	-2.70	7.15	24.00	Pass	
HE20	MCS0	2	097	6435	26/0	0.00	0.00	-1.17	-2.02	1.44	-2.70	-1.26	24.00	Pass	
HE20	MCS0	2	097	6435	52/37	0.00	0.00	1.93	0.80	4.41	-2.70	1.71	24.00	Pass	
HE20	MCS0	2	097	6435	106/53	0.00	0.00	4.61	3.37	7.04	-2.70	4.34	24.00	Pass	
HE20	MCS0	2	105	6475	Full	0.00	0.00	6.95	7.08	10.03	-2.70	7.33	24.00	Pass	
HE20	MCS0	2	113	6515	Full	0.00	0.00	6.86	6.90	9.89	-2.70	7.19	24.00	Pass	
HE20	MCS0	2	113	6515	26/8	0.00	0.00	-0.40	-1.70	2.01	-2.70	-0.69	24.00	Pass	
HE20	MCS0	2	113	6515	52/40	0.00	0.00	1.85	1.15	4.52	-2.70	1.82	24.00	Pass	
HE20	MCS0	2	113	6515	106/54	0.00	0.00	4.96	3.67	7.37	-2.70	4.67	24.00	Pass	
HE40	MCS0	2	099	6445	Full	0.00	0.00	9.41	8.87	12.16	-2.70	9.46	24.00	Pass	
HE40	MCS0	2	099	6445	242/61	0.00	0.00	8.14	7.65	10.91	-2.70	8.21	24.00	Pass	
HE40	MCS0	2	107	6485	Full	0.00	0.00	9.05	9.09	12.08	-2.70	9.38	24.00	Pass	
HE40	MCS0	2	107	6485	242/62	0.00	0.00	8.08	7.68	10.89	-2.70	8.19	24.00	Pass	
HE40	MCS0	2	115	6525	Full	0.00	0.00	8.92	8.14	11.56	-2.70	8.86	24.00	Pass	
HE40	MCS0	2	115	6525	242/62	0.00	0.00	6.15	5.25	8.73	-2.70	6.03	24.00	Pass	
HE80	MCS0	2	103	6465	Full	0.00	0.00	11.09	10.95	14.03	-2.70	11.33	24.00	Pass	
HE80	MCS0	2	103	6465	484/65	0.00	0.00	10.97	9.87	13.47	-2.70	10.77	24.00	Pass	
HE80	MCS0	2	119	6545	Full	0.00	0.00	11.43	10.13	13.84	-2.70	11.14	24.00	Pass	
HE80	MCS0	2	119	6545	484/66	0.00	0.00	10.68	9.21	13.02	-2.70	10.32	24.00	Pass	
HE160	MCS0	2	111	6505	Full	0.00	0.00	11.41	10.31	13.91	-2.70	11.21	24.00	Pass	
HE160	MCS0	2	111	6505	996/67	0.00	0.00	9.21	8.22	11.75	-2.70	9.05	24.00	Pass	
HE160	MCS0	2	111	6505	996/S67	0.00	0.00	9.62	8.31	12.02	-2.70	9.32	24.00	Pass	

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VI MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	6435	Full	0.00	0.00			-1.81	0.16	-1.65	-1.00	Pass	
HE20	MCS0	2	6435	26/0	0.00	0.00			-2.38	0.16	-2.22	-1.00	Pass	
HE20	MCS0	2	6435	52/37	0.00	0.00			-2.04	0.16	-1.88	-1.00	Pass	
HE20	MCS0	2	6435	106/53	0.00	0.00			-2.19	0.16	-2.03	-1.00	Pass	
HE20	MCS0	2	6475	Full	0.00	0.00			-1.47	0.16	-1.31	-1.00	Pass	
HE20	MCS0	2	6515	Full	0.00	0.00			-1.48	0.16	-1.32	-1.00	Pass	
HE20	MCS0	2	6515	26/8	0.00	0.00			-1.81	0.16	-1.65	-1.00	Pass	
HE20	MCS0	2	6515	52/40	0.00	0.00			-1.79	0.16	-1.63	-1.00	Pass	
HE20	MCS0	2	6515	106/54	0.00	0.00			-1.83	0.16	-1.67	-1.00	Pass	
HE40	MCS0	2	6445	Full	0.00	0.00			-1.43	0.16	-1.27	-1.00	Pass	
HE40	MCS0	2	6445	242/61	0.00	0.00			-1.83	0.16	-1.67	-1.00	Pass	
HE40	MCS0	2	6485	Full	0.00	0.00			-1.48	0.16	-1.32	-1.00	Pass	
HE40	MCS0	2	6485	242/62	0.00	0.00			-1.89	0.16	-1.73	-1.00	Pass	
HE40	MCS0	2	6525	Full	0.00	0.00			-1.98	0.16	-1.82	-1.00	Pass	
HE40	MCS0	2	6525	242/62	0.00	0.00			-2.54	0.16	-2.37	-1.00	Pass	
HE80	MCS0	2	6465	Full	0.00	0.00			-1.73	0.16	-1.57	-1.00	Pass	
HE80	MCS0	2	6465	484/65	0.00	0.00			-2.23	0.16	-2.07	-1.00	Pass	
HE80	MCS0	2	6545	Full	0.00	0.00			-1.96	0.16	-1.80	-1.00	Pass	
HE80	MCS0	2	6545	484/66	0.00	0.00			-2.17	0.16	-2.01	-1.00	Pass	
HE160	MCS0	2	6505	Full	0.00	0.00			-5.34	0.16	-5.17	-1.00	Pass	
HE160	MCS0	2	6505	996/67	0.00	0.00			-5.95	0.16	-5.79	-1.00	Pass	
HE160	MCS0	2	6505	996/S67	0.00	0.00			-5.94	0.16	-5.77	-1.00	Pass	

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

Band VII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6535	Full	19.38	19.43	22.20	22.35	
HE20	MCS0	2	6695	Full	19.33	19.38	22.05	22.50	
HE20	MCS0	2	6855	Full	19.33	19.38	22.35	22.45	
HE40	MCS0	2	6565	Full	37.86	37.86	41.31	41.13	
HE40	MCS0	2	6685	Full	37.76	37.96	41.13	41.22	
HE40	MCS0	2	6845	Full	37.76	37.86	41.22	41.40	
HE80	MCS0	2	6625	Full	76.72	76.72	81.92	81.44	
HE80	MCS0	2	6705	Full	76.72	76.84	81.92	81.44	
HE80	MCS0	2	6785	Full	76.72	76.72	81.60	81.92	
HE80	MCS0	2	6865	Full	76.84	76.84	81.44	81.76	
HE160	MCS0	2	6665	Full	155.12	154.41	163.84	164.16	
HE160	MCS0	2	6825	Full	155.12	154.65	163.84	162.88	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	6535	Full	0.00	0.00	6.08	5.72	8.91	-3.00		5.91	24.00	Pass
HE20	MCS0	2	6535	26/0	0.00	0.00	-0.44	-1.66	2.00	-3.00		-1.00	24.00	Pass
HE20	MCS0	2	6535	52/37	0.00	0.00	1.90	0.80	4.40	-3.00		1.40	24.00	Pass
HE20	MCS0	2	6535	106/53	0.00	0.00	4.65	3.64	7.18	-3.00		4.18	24.00	Pass
HE20	MCS0	2	6695	Full	0.00	0.00	6.13	6.42	9.29	-3.00		6.29	24.00	Pass
HE20	MCS0	2	6855	Full	0.00	0.00	6.40	6.17	9.30	-3.00		6.30	24.00	Pass
HE20	MCS0	2	6855	26/8	0.00	0.00	0.40	-1.15	2.70	-3.00		-0.30	24.00	Pass
HE20	MCS0	2	6855	52/40	0.00	0.00	2.40	1.38	4.93	-3.00		1.93	24.00	Pass
HE20	MCS0	2	6855	106/54	0.00	0.00	5.73	3.81	7.89	-3.00		4.89	24.00	Pass
HE40	MCS0	2	6565	Full	0.00	0.00	9.38	7.80	11.67	-3.00		8.67	24.00	Pass
HE40	MCS0	2	6565	242/61	0.00	0.00	7.85	6.33	10.17	-3.00		7.17	24.00	Pass
HE40	MCS0	2	6685	Full	0.00	0.00	9.16	8.29	11.76	-3.00		8.76	24.00	Pass
HE40	MCS0	2	6845	Full	0.00	0.00	9.48	8.24	11.91	-3.00		8.91	24.00	Pass
HE40	MCS0	2	6845	242/62	0.00	0.00	8.13	6.71	10.49	-3.00		7.49	24.00	Pass
HE80	MCS0	2	6625	Full	0.00	0.00	11.98	10.89	14.48	-3.00		11.48	24.00	Pass
HE80	MCS0	2	6625	484/65	0.00	0.00	11.08	9.65	13.43	-3.00		10.43	24.00	Pass
HE80	MCS0	2	6705	Full	0.00	0.00	11.93	10.60	14.33	-3.00		11.33	24.00	Pass
HE80	MCS0	2	6785	Full	0.00	0.00	11.65	10.74	14.23	-3.00		11.23	24.00	Pass
HE80	MCS0	2	6785	484/66	0.00	0.00	11.23	10.17	13.74	-3.00		10.74	24.00	Pass
HE80	MCS0	2	6865	Full	0.00	0.00	12.18	10.24	14.33	-3.00		11.33	24.00	Pass
HE80	MCS0	2	6865	484/66	0.00	0.00	11.51	9.57	13.66	-3.00		10.66	24.00	Pass
HE160	MCS0	2	6665	Full	0.00	0.00	11.27	10.53	13.93	-3.00		10.93	24.00	Pass
HE160	MCS0	2	6665	996/67	0.00	0.00	9.89	8.90	12.43	-3.00		9.43	24.00	Pass
HE160	MCS0	2	6825	Full	0.00	0.00	12.41	10.89	14.73	-3.00		11.73	24.00	Pass
HE160	MCS0	2	6825	996/67	0.00	0.00	10.59	9.57	13.12	-3.00		10.12	24.00	Pass
HE160	MCS0	2	6826	996/S67	0.00	0.00	11.75	9.65	13.84	-3.00		10.84	24.00	Pass

**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.00	0.00			-1.57	-0.19	-1.75	-1.00	Pass	
HE20	MCS0	2	6535	26/0	0.00	0.00			-1.75	-0.19	-1.94	-1.00	Pass	
HE20	MCS0	2	6535	52/37	0.00	0.00			-1.90	-0.19	-2.09	-1.00	Pass	
HE20	MCS0	2	6535	106/53	0.00	0.00			-1.90	-0.19	-2.09	-1.00	Pass	
HE20	MCS0	2	6695	Full	0.00	0.00			-1.08	-0.19	-1.27	-1.00	Pass	
HE20	MCS0	2	6855	Full	0.00	0.00			-1.06	-0.19	-1.25	-1.00	Pass	
HE20	MCS0	2	6855	26/8	0.00	0.00			-1.19	-0.19	-1.38	-1.00	Pass	
HE20	MCS0	2	6855	52/40	0.00	0.00			-1.58	-0.19	-1.77	-1.00	Pass	
HE20	MCS0	2	6855	106/54	0.00	0.00			-1.44	-0.19	-1.63	-1.00	Pass	
HE40	MCS0	2	6565	Full	0.00	0.00			-1.60	-0.19	-1.79	-1.00	Pass	
HE40	MCS0	2	6565	242/61	0.00	0.00			-2.07	-0.19	-2.25	-1.00	Pass	
HE40	MCS0	2	6685	Full	0.00	0.00			-1.69	-0.19	-1.88	-1.00	Pass	
HE40	MCS0	2	6845	Full	0.00	0.00			-1.64	-0.19	-1.83	-1.00	Pass	
HE40	MCS0	2	6845	242/62	0.00	0.00			-2.09	-0.19	-2.27	-1.00	Pass	
HE80	MCS0	2	6625	Full	0.00	0.00			-1.53	-0.19	-1.71	-1.00	Pass	
HE80	MCS0	2	6625	484/65	0.00	0.00			-1.86	-0.19	-2.05	-1.00	Pass	
HE80	MCS0	2	6705	Full	0.00	0.00			-1.54	-0.19	-1.73	-1.00	Pass	
HE80	MCS0	2	6785	Full	0.00	0.00			-1.48	-0.19	-1.67	-1.00	Pass	
HE80	MCS0	2	6785	484/66	0.00	0.00			-1.69	-0.19	-1.88	-1.00	Pass	
HE80	MCS0	2	6865	Full	0.00	0.00			-1.62	-0.19	-1.81	-1.00	Pass	
HE80	MCS0	2	6865	484/66	0.00	0.00			-2.10	-0.19	-2.29	-1.00	Pass	
HE160	MCS0	2	6665	Full	0.00	0.00			-4.90	-0.19	-5.09	-1.00	Pass	
HE160	MCS0	2	6665	996/67	0.00	0.00			-5.26	-0.19	-5.45	-1.00	Pass	
HE160	MCS0	2	6825	Full	0.00	0.00			-3.96	-0.19	-4.14	-1.00	Pass	
HE160	MCS0	2	6825	996/67	0.00	0.00			-4.68	-0.19	-4.86	-1.00	Pass	
HE160	MCS0	2	6826	996/S67	0.00	0.00			-4.55	-0.19	-4.73	-1.00	Pass	



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

Band VIII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6875	Full	19.33	19.38	22.15	22.65	
HE20	MCS0	2	6895	Full	19.33	19.33	22.20	22.30	
HE20	MCS0	2	6995	Full	19.23	19.33	21.80	21.95	
HE20	MCS0	2	7115	Full	19.33	19.33	22.35	22.15	
HE40	MCS0	2	6885	Full	37.86	37.96	41.22	41.40	
HE40	MCS0	2	6925	Full	37.86	37.76	41.31	41.49	
HE40	MCS0	2	6965	Full	37.86	37.76	40.86	41.04	
HE40	MCS0	2	7085	Full	37.76	37.76	41.40	40.95	
HE80	MCS0	2	6945	Full	76.60	76.72	81.60	81.76	
HE80	MCS0	2	7025	Full	76.72	76.84	81.44	81.28	
HE160	MCS0	2	6985	Full	153.93	155.12	163.20	163.84	

**TEST RESULTS DATA**  
**EIRP Power Table**

Band VIII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	6875	Full	0.00	0.00	9.30	7.53	11.51	-4.70		6.81	24.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00	-0.82	-2.66	1.37	-4.70		-3.33	24.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00	2.34	0.88	4.68	-4.70		-0.02	24.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00	6.01	4.17	8.20	-4.70		3.50	24.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00	9.53	7.36	11.59	-4.70		6.89	24.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00	-0.60	-2.71	1.48	-4.70		-3.22	24.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00	2.90	1.01	5.07	-4.70		0.37	24.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00	5.95	3.82	8.02	-4.70		3.32	24.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00	9.05	7.28	11.26	-4.70		6.56	24.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00	11.58	10.60	14.13	-4.70		9.43	24.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00	2.05	1.68	4.88	-4.70		0.18	24.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00	4.66	3.94	7.33	-4.70		2.63	24.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00	7.63	6.40	10.07	-4.70		5.37	24.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00	11.91	10.02	14.08	-4.70		9.38	24.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00	10.15	8.12	12.26	-4.70		7.56	24.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00	11.34	9.84	13.66	-4.70		8.96	24.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00	10.17	8.83	12.56	-4.70		7.86	24.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00	11.87	9.82	13.98	-4.70		9.28	24.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00	12.22	11.60	14.93	-4.70		10.23	24.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00	10.83	10.69	13.77	-4.70		9.07	24.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	13.33	10.92	15.30	-4.70		10.60	24.00	Pass
HE80	MCS0	2	6945	484/65	0.00	0.00	12.72	10.88	14.91	-4.70		10.21	24.00	Pass
HE80	MCS0	2	7025	Full	0.00	0.00	12.55	10.72	14.74	-4.70		10.04	24.00	Pass
HE80	MCS0	2	7025	484/66	0.00	0.00	11.80	10.25	14.10	-4.70		9.40	24.00	Pass
HE160	MCS0	2	6985	Full	0.00	0.00	11.02	9.08	13.17	-4.70		8.47	24.00	Pass
HE160	MCS0	2	6985	996/67	0.00	0.00	10.18	8.78	12.55	-4.70		7.85	24.00	Pass
HE160	MCS0	2	6985	996/S67	0.00	0.00	10.77	8.96	12.97	-4.70		8.27	24.00	Pass

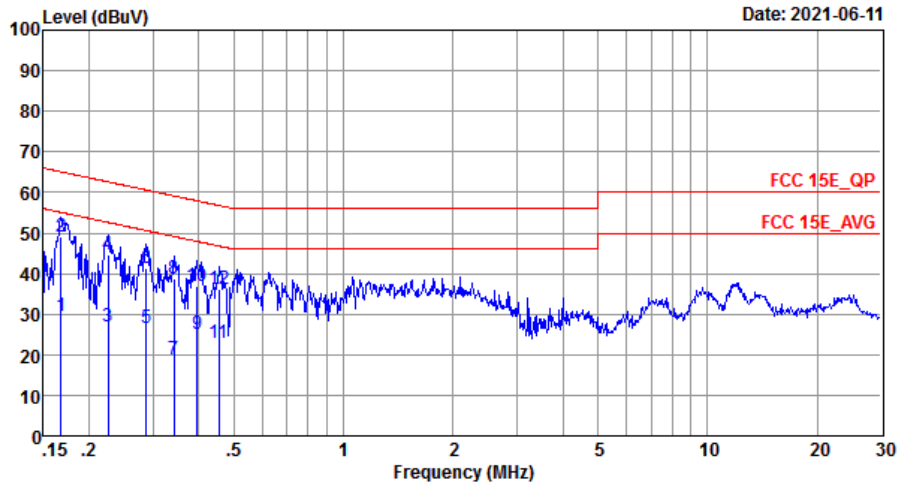
**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

Band VIII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	6875	Full	0.00	0.00			0.40		-2.08	-1.68	-1.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00			-0.09		-2.08	-2.17	-1.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00			0.18		-2.08	-1.90	-1.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00			0.32		-2.08	-1.76	-1.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00			0.60		-2.08	-1.48	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00			0.44		-2.08	-1.64	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00			0.54		-2.08	-1.54	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00			0.43		-2.08	-1.66	-1.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00			0.43		-2.08	-1.65	-1.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00			0.58		-2.08	-1.50	-1.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00			0.41		-2.08	-1.68	-1.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00			0.25		-2.08	-1.83	-1.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00			0.10		-2.08	-1.98	-1.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00			0.42		-2.08	-1.66	-1.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00			-0.11		-2.08	-2.19	-1.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00			0.24		-2.08	-1.84	-1.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00			-0.19		-2.08	-2.27	-1.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00			0.54		-2.08	-1.54	-1.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00			-1.36		-2.08	-3.44	-1.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00			-1.45		-2.08	-3.53	-1.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00			-0.55		-2.08	-2.63	-1.00	Pass
HE80	MCS0	2	6945	484/65	0.00	0.00			-0.79		-2.08	-2.87	-1.00	Pass
HE80	MCS0	2	7025	Full	0.00	0.00			-2.21		-2.08	-4.29	-1.00	Pass
HE80	MCS0	2	7025	484/66	0.00	0.00			-3.29		-2.08	-5.37	-1.00	Pass
HE160	MCS0	2	6985	Full	0.00	0.00			-5.37		-2.08	-7.45	-1.00	Pass
HE160	MCS0	2	6985	996/67	0.00	0.00			-5.83		-2.08	-7.91	-1.00	Pass
HE160	MCS0	2	6985	996/S67	0.00	0.00			-6.57		-2.08	-8.65	-1.00	Pass



## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Yuqiang Xie	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

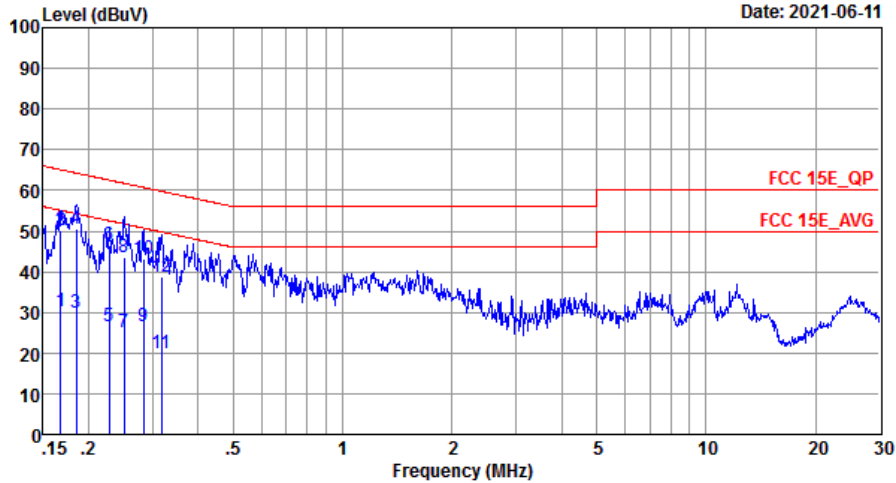


Site : CO01-SZ  
 Condition: FCC 15E\_QP LISN\_20201030\_L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.17	29.60	-25.48	55.08	19.50	0.08	10.02	Average
2 *	0.17	48.90	-16.18	65.08	38.80	0.08	10.02	QP
3	0.23	26.79	-25.82	52.61	16.70	0.06	10.03	Average
4	0.23	44.49	-18.12	62.61	34.40	0.06	10.03	QP
5	0.29	26.66	-23.93	50.59	16.60	0.02	10.04	Average
6	0.29	41.26	-19.33	60.59	31.20	0.02	10.04	QP
7	0.34	18.98	-30.15	49.13	8.90	0.04	10.04	Average
8	0.34	38.88	-20.25	59.13	28.80	0.04	10.04	QP
9	0.40	24.92	-23.03	47.95	14.80	0.08	10.04	Average
10	0.40	36.72	-21.23	57.95	26.60	0.08	10.04	QP
11	0.45	22.84	-23.96	46.80	12.70	0.09	10.05	Average
12	0.45	36.34	-20.46	56.80	26.20	0.09	10.05	QP



Test Engineer :	Yuqiang Xie	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ  
 Condition: FCC 15E\_QP LISN\_20201030\_N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	30.30	-24.78	55.08	20.20	0.08	10.02	Average
2	0.17	50.20	-14.88	65.08	40.10	0.08	10.02	QP
3	0.19	29.80	-24.44	54.24	19.70	0.08	10.02	Average
4 *	0.19	50.40	-13.84	64.24	40.30	0.08	10.02	QP
5	0.23	26.59	-25.93	52.52	16.50	0.06	10.03	Average
6	0.23	46.49	-16.03	62.52	36.40	0.06	10.03	QP
7	0.25	25.08	-26.65	51.73	15.01	0.04	10.03	Average
8	0.25	43.58	-18.15	61.73	33.51	0.04	10.03	QP
9	0.28	26.66	-24.06	50.72	16.60	0.02	10.04	Average
10	0.28	43.06	-17.66	60.72	33.00	0.02	10.04	QP
11	0.32	19.96	-29.84	49.80	9.90	0.02	10.04	Average
12	0.32	38.86	-20.94	59.80	28.80	0.02	10.04	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



## Appendix C. Radiated Spurious Emission

### UNII-5 - 5925~6425MHz

#### WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 CH 01 5955MHz		5922.3	46.35	-41.85	88.2	38.37	32.76	8.53	33.31	123	0	P	H
		5875.54	39.6	-28.6	68.2	31.82	32.64	8.47	33.33	123	0	A	H
		5955	83.82	-	-	75.79	32.8	8.54	33.31	123	0	P	H
		5955	77.9	-	-	69.87	32.8	8.54	33.31	123	123	A	H
		5906.06	46.28	-41.92	88.2	38.37	32.72	8.51	33.32	100	35	P	V
		5919.5	39.39	-28.81	68.2	31.48	32.72	8.51	33.32	100	0	A	V
		5955	93.06	-	-	85.03	32.8	8.54	33.31	100	0	P	V
802.11ax HE20 CH 45 6175MHz		5955	87.94	-	-	79.91	32.8	8.54	33.31	100	0	A	V
		6175	91.8	-	-	83.34	33.33	8.56	33.43	123	354	P	H
		6175	80.58	-	-	72.12	33.33	8.56	33.43	123	354	A	H
		6175	94.54	-	-	86.08	33.33	8.56	33.43	100	33	P	V
802.11ax HE20 CH 93 6415MHz		6175	88.96	-	-	80.5	33.33	8.56	33.43	100	33	A	V
		6415	90.81	-	-	82.09	33.95	8.41	33.64	124	356	P	H
		6415	85.68	-	-	76.96	33.95	8.41	33.64	124	356	A	H
		6415	99.7	-	-	90.98	33.95	8.41	33.64	100	34	P	V
6415MHz		6415	91.6	-	-	82.88	33.95	8.41	33.64	100	34	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 CH 01 5955MHz		11910	49.45	-24.55	74	55.55	39.3	11.89	57.29	201	154	P	H
		17865	50.37	-23.63	74	44.43	47.12	15.91	57.09	163	284	P	H
		11910	50.26	-23.74	74	56.36	39.3	11.89	57.29	204	212	P	V
		17865	50.03	-23.97	74	44.09	47.12	15.91	57.09	185	323	P	V
802.11ax HE20 CH 45 6175MHz		12350	49.03	-24.97	74	54.88	39.51	12.09	57.45	100	112	P	H
		18525	32.49	-41.51	74	46.62	37.31	10.84	52.74	150	158	P	H
		12350	49.52	-24.48	74	55.37	39.51	12.09	57.45	100	218	P	V
		18525	32.47	-41.53	74	46.6	37.31	10.84	52.74	150	319	P	V
802.11ax HE20 CH 93 6415MHz		12830	50.8	-37.4	88.2	56.51	39.8	12.27	57.78	100	177	P	H
		19245	31.88	-42.12	74	45.23	37.55	11.42	52.78	150	215	P	H
		12830	50.72	-37.48	88.2	56.43	39.8	12.27	57.78	152	321	P	V
		19245	31.54	-42.46	74	44.89	37.55	11.42	52.78	150	100	P	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE40 CH 03 5965MHz		5826.76	46.25	-41.95	88.2	38.63	32.57	8.38	33.33	122	353	P	H
		5924.04	39.73	-28.47	68.2	31.75	32.76	8.53	33.31	122	353	A	H
	*	5965	90.42	-	-	82.34	32.84	8.55	33.31	122	353	P	H
		5965	84.48	-	-	76.4	32.84	8.55	33.31	122	353	A	H
		5904.2	46.26	-41.94	88.2	38.4	32.68	8.5	33.32	100	36	P	V
		5924.52	40.01	-28.19	68.2	32.03	32.76	8.53	33.31	100	36	A	V
	*	5965	92.56	-	-	84.48	32.84	8.55	33.31	100	36	P	V
		5965	87.26	-	-	79.18	32.84	8.55	33.31	100	36	A	V
802.11ax HE40 CH 43 6165MHz		6165	92.21	-	-	83.75	33.33	8.56	33.43	124	357	P	H
		6165	79.3	-	-	70.84	33.33	8.56	33.43	124	357	A	H
		6165	93.07	-	-	84.61	33.33	8.56	33.43	100	36	P	V
		6165	87.22	-	-	78.76	33.33	8.56	33.43	100	36	A	V
802.11ax HE40 CH 91 6405MHz		6405	93.77	-	-	85.1	33.91	8.38	33.62	125	352	P	H
		6405	85.42	-	-	76.75	33.91	8.38	33.62	125	352	A	H
		6405	96.12	-	-	87.45	33.91	8.38	33.62	100	31	P	V
		6405	90.11	-	-	81.44	33.91	8.38	33.62	100	31	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 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11928	50.06	-23.94	74	56.13	39.3	11.9	57.27	199	115	P	H
HE40		17895	50.14	-23.86	74	43.87	47.34	15.97	57.04	108	227	P	H
CH 03		11928	50.59	-23.41	74	56.66	39.3	11.9	57.27	175	188	P	V
5965MHz		17895	50.43	-23.57	74	44.16	47.34	15.97	57.04	133	336	P	V
802.11ax		12330	51.44	-22.56	74	57.3	39.49	12.08	57.43	100	285	P	H
HE40		18495	33.12	-40.88	74	47.25	37.3	10.81	52.7	150	126	P	H
CH 43		12330	51.49	-22.51	74	57.35	39.49	12.08	57.43	100	318	P	V
6165MHz		18495	33.56	-40.44	74	47.69	37.3	10.81	52.7	150	216	P	V
802.11ax		12810	50.38	-37.82	88.2	56.1	39.79	12.26	57.77	100	265	P	H
HE40		19215	32.43	-41.57	74	45.92	37.54	11.41	52.9	150	169	P	H
CH 91		12810	49.89	-38.31	88.2	55.61	39.79	12.26	57.77	100	152	P	V
6405MHz		19215	31.9	-42.1	74	45.39	37.54	11.41	52.9	150	241	P	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 CH 07 5985MHz		5923.56	47.17	-41.03	88.2	39.19	32.76	8.53	33.31	123	356	P	H
		5903.24	39.54	-28.66	68.2	31.68	32.68	8.5	33.32	123	356	A	H
	*	5985	84.27	-	-	76.12	32.89	8.57	33.31	123	356	P	H
		5985	79.38	-	-	71.23	32.89	8.57	33.31	123	356	A	H
		5893.8	47.21	-40.99	88.2	39.36	32.68	8.5	33.33	100	35	P	V
		5923.4	40.8	-27.4	68.2	32.82	32.76	8.53	33.31	100	35	A	V
	*	5985	93.52	-	-	85.37	32.89	8.57	33.31	100	35	P	V
802.11ax HE80 CH 39 6145MHz		6145	93.14	-	-	84.74	33.29	8.52	33.41	123	355	P	H
		6145	80.22	-	-	71.82	33.29	8.52	33.41	123	355	A	H
		6145	95.01	-	-	86.61	33.29	8.52	33.41	100	34	P	V
		6145	88.15	-	-	79.75	33.29	8.52	33.41	100	34	A	V
802.11ax HE80 CH 87 6385MHz		6385	93.59	-	-	84.93	33.87	8.38	33.59	125	351	P	H
		6385	86.16	-	-	77.5	33.87	8.38	33.59	125	351	A	H
		6385	97.49	-	-	88.83	33.87	8.38	33.59	100	35	P	V
		6385	91.28	-	-	82.62	33.87	8.38	33.59	100	35	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 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 CH 07 5985MHz		11970	50.98	-23.02	74	56.99	39.3	11.93	57.24	201	0	P	H
		17955	50.2	-23.8	74	43.45	47.67	16.05	56.97	100	0	P	H
		11970	50.74	-23.26	74	56.75	39.3	11.93	57.24	201	0	P	V
		17955	50.57	-23.43	74	43.82	47.67	16.05	56.97	100	0	P	V
802.11ax HE80 CH 39 6145MHz		12290	50.46	-23.54	74	56.32	39.47	12.07	57.4	100	167	P	H
		18435	32.74	-41.26	74	47.26	37.12	10.76	52.86	150	326	P	H
		12290	50.3	-23.7	74	56.16	39.47	12.07	57.4	174	215	P	V
		18435	33.27	-40.73	74	47.79	37.12	10.76	52.86	150	108	P	V
802.11ax HE80 CH 87 6385MHz		12770	50.35	-37.85	88.2	56.08	39.76	12.24	57.73	100	207	P	H
		19155	32.1	-41.9	74	45.87	37.53	11.38	53.14	136	109	P	H
		12770	49.94	-38.26	88.2	55.67	39.76	12.24	57.73	141	196	P	V
		19155	31.2	-42.8	74	44.97	37.53	11.38	53.14	150	127	P	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 HE160 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 15 6025MHz		5913.48	53.26	-34.94	88.2	45.35	32.72	8.51	33.32	125	354	P	H
		5921.6	41.91	-26.29	68.2	33.93	32.76	8.53	33.31	125	354	A	H
	*	6025	83.16	-	-	74.93	33.01	8.52	33.3	125	354	P	H
		6025	77.07	-	-	68.84	33.01	8.52	33.3	125	354	A	H
		5924.12	53.99	-34.21	88.2	46.01	32.76	8.53	33.31	101	33	P	V
		5924.12	49.25	-18.95	68.2	41.27	32.76	8.53	33.31	101	33	A	V
	*	6025	93.97	-	-	85.74	33.01	8.52	33.3	101	33	P	V
		6025	86.42	-	-	78.19	33.01	8.52	33.3	101	33	A	V
802.11ax HE160 CH 47 6185MHz		6185	84.94	-	-	76.41	33.38	8.6	33.45	127	355	P	H
		6185	78.69	-	-	70.16	33.38	8.6	33.45	127	355	A	H
		6185	92.6	-	-	84.07	33.38	8.6	33.45	102	34	P	V
		6185	86.77	-	-	78.24	33.38	8.6	33.45	102	34	A	V
802.11ax HE160 CH 79 6345MHz		6345	91.71	-	-	83.18	33.74	8.36	33.57	123	355	P	H
		6345	81.71	-	-	73.18	33.74	8.36	33.57	123	355	A	H
		6345	94.89	-	-	86.36	33.74	8.36	33.57	102	31	P	V
		6345	87.63	-	-	79.1	33.74	8.36	33.57	102	31	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 HE160 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 15 6025MHz		12050	50.25	-23.75	74	56.18	39.33	11.98	57.24	100	123	P	H
		18075	31.09	-42.91	74	47.78	36.28	10.36	53.79	108	223	P	H
		12050	50.22	-23.78	74	56.15	39.33	11.98	57.24	100	110	P	V
		18075	30.55	-43.45	74	47.24	36.28	10.36	53.79	150	208	P	V
802.11ax HE160 CH 47 6185MHz		12370	49.71	-24.29	74	55.54	39.53	12.1	57.46	142	100	P	H
		18555	32.03	-41.97	74	46.2	37.32	10.86	52.81	150	136	P	H
		12370	50.83	-23.17	74	56.66	39.53	12.1	57.46	100	109	P	V
		18555	32.89	-41.11	74	47.06	37.32	10.86	52.81	150	132	P	V
802.11ax HE160 CH 79 6345MHz		12690	50.05	-23.95	74	55.8	39.72	12.22	57.69	100	168	P	H
		19035	31.71	-42.29	74	46.06	37.51	11.3	53.62	150	136	P	H
		12690	50.02	-23.98	74	55.77	39.72	12.22	57.69	100	158	P	V
		19035	32.65	-41.35	74	47	37.51	11.3	53.62	150	303	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 - 6425~6525MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		6435	92.84	-	-	84.04	33.99	8.45	33.64	100	13	P	H
HT20		6435	86.27	-	-	77.47	33.99	8.45	33.64	100	13	A	H
CH 97		6435	97.14	-	-	88.34	33.99	8.45	33.64	100	35	P	V
6435MHz		6435	90.48	-	-	81.68	33.99	8.45	33.64	100	35	A	V
802.11n		6475	90.59	-	-	81.68	34.07	8.52	33.68	130	10	P	H
HT20		6475	84.91	-	-	76	34.07	8.52	33.68	130	10	A	H
CH 105		6475	96.54	-	-	87.63	34.07	8.52	33.68	105	38	P	V
6475MHz		6475	90.83	-	-	81.92	34.07	8.52	33.68	105	38	A	V
802.11n	*	6515	90.73	-	-	81.69	34.15	8.59	33.7	232	23	P	H
HT20		6515	83.81	-	-	74.77	34.15	8.59	33.7	232	23	A	H
CH 113	*	6515	95.88	-	-	86.84	34.15	8.59	33.7	100	32	P	V
6515MHz		6515	89.45	-	-	80.41	34.15	8.59	33.7	100	32	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-6 6425~6525MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 97 6435MHz		12870	50.24	-37.96	88.2	55.95	39.82	12.28	57.81	100	314	P	H
		19305	31.99	-42.01	74	45.05	37.56	11.45	52.53	150	360	P	H
		12870	49.42	-38.78	88.2	55.13	39.82	12.28	57.81	100	215	P	V
		19305	32.66	-41.34	74	45.72	37.56	11.45	52.53	150	0	P	V
802.11n HT20 CH 105 6475MHz		12590	50.18	-23.82	74	55.96	39.66	12.18	57.62	100	314	P	H
		19425	32.51	-41.49	74	45.02	37.58	11.5	52.05	150	360	P	H
		12590	50.02	-23.98	74	55.8	39.66	12.18	57.62	100	125	P	V
		19425	32.16	-41.84	74	44.67	37.58	11.5	52.05	150	0	P	V
802.11n HT20 CH 113 6515MHz		13030	50.01	-38.19	88.2	55.69	39.92	12.34	57.94	100	163	P	H
		19545	33.45	-40.55	74	45.4	37.62	11.56	51.59	150	332	P	H
		13030	51.09	-37.11	88.2	56.77	39.92	12.34	57.94	100	202	P	V
		19545	33.12	-40.88	74	45.07	37.62	11.56	51.59	150	122	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-6 6425~6525MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n		6445	91.45	-	-	82.67	33.99	8.45	33.66	112	11	P	H
HT40		6445	85.71	-	-	76.93	33.99	8.45	33.66	112	11	A	H
CH 99		6445	93.49	-	-	84.71	33.99	8.45	33.66	106	36	P	V
6445MHz		6445	89.54	-	-	80.76	33.99	8.45	33.66	106	36	A	V
802.11n		6485	91.12	-	-	82.13	34.11	8.56	33.68	110	3	P	H
HT40		6485	85.23	-	-	76.24	34.11	8.56	33.68	110	3	A	H
CH 107		6485	94.2	-	-	85.21	34.11	8.56	33.68	110	41	P	V
6485MHz		6485	88.62	-	-	79.63	34.11	8.56	33.68	110	41	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-6 6425~6525MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n		12890	49.73	-38.47	88.2	55.43	39.83	12.29	57.82	100	136	P	H
HT40		19335	31.28	-42.72	74	44.21	37.56	11.46	52.41	150	360	P	H
CH 99		12890	50.44	-37.76	88.2	56.14	39.83	12.29	57.82	100	197	P	V
6445MHz		19335	31.9	-42.1	74	44.83	37.56	11.46	52.41	196	156	P	V
802.11n		12970	50.59	-37.61	88.2	56.27	39.88	12.32	57.88	100	238	P	H
HT40		19455	32.96	-41.04	74	45.32	37.59	11.52	51.93	150	360	P	H
CH 107		12970	50.46	-37.74	88.2	56.14	39.88	12.32	57.88	100	145	P	V
6485MHz		19455	32.36	-41.64	74	44.72	37.59	11.52	51.93	150	65	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**UNII-6 6425~6525MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		6465	92.17	-	-	83.31	34.03	8.49	33.66	100	3	P	H
VHT80		6465	85.69	-	-	76.83	34.03	8.49	33.66	100	3	A	H
CH 103		6465	96.32	-	-	87.46	34.03	8.49	33.66	100	36	P	V
6465MHz		6465	89.69	-	-	80.83	34.03	8.49	33.66	100	36	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-6 6425~6525MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		12930	50.2	-38	88.2	55.89	39.86	12.3	57.85	100	115	P	H
VHT80		19395	32.36	-41.64	74	45	37.58	11.49	52.17	150	316	P	H
CH 103		12930	50.77	-37.43	88.2	56.46	39.86	12.3	57.85	100	152	P	V
6465MHz		19395	31.91	-42.09	74	44.55	37.58	11.49	52.17	150	158	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax		6535	88.04	-	-	78.99	34.23	8.51	33.69	100	7	P	H
HE20		6535	82.45	-	-	73.4	34.23	8.51	33.69	100	7	A	H
CH 117		6535	91.74	-	-	82.69	34.23	8.51	33.69	100	36	P	V
6535MHz		6535	86.98	-	-	77.93	34.23	8.51	33.69	100	36	A	V
802.11ax		6695	86.28	-	-	76.88	34.6	8.46	33.66	128	13	P	H
HE20		6695	78.41	-	-	69.01	34.6	8.46	33.66	128	13	A	H
CH 149		6695	89.06	-	-	79.66	34.6	8.46	33.66	100	36	P	V
6695MHz		6695	82.65	-	-	73.25	34.6	8.46	33.66	100	36	A	V
802.11ax	*	6855	85.07	-	-	74.94	35.15	8.61	33.63	128	8	P	H
HE20		6855	78.2	-	-	68.07	35.15	8.61	33.63	128	8	A	H
CH 181	*	6855	89.75	-	-	79.62	35.15	8.61	33.63	107	43	P	V
6855MHz		6855	84.08	-	-	73.95	35.15	8.61	33.63	107	43	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13070	50.06	-38.14	88.2	55.73	39.94	12.36	57.97	100	184	P	H
HE20		19605	33.81	-40.19	74	45.5	37.64	11.58	51.37	150	326	P	H
CH 117		13070	50.67	-37.53	88.2	56.34	39.94	12.36	57.97	124	225	P	V
6535MHz		19605	34.1	-39.9	74	45.79	37.64	11.58	51.37	150	208	P	V
802.11ax		13390	50.73	-23.27	74	56.43	40.14	12.49	58.33	100	0	P	H
HE20		20085	34.08	-39.92	74	43.97	37.88	11.2	49.43	150	360	P	H
CH 149		13390	49.56	-24.44	74	55.26	40.14	12.49	58.33	100	0	P	V
6695MHz		20085	34.14	-39.86	74	44.03	37.88	11.2	49.43	150	0	P	V
802.11ax		13710	49.53	-38.67	88.2	55.25	40.33	12.63	58.68	100	154	P	H
HE20		20565	36.54	-37.46	74	43.4	38.34	11.61	47.27	150	129	P	H
CH 181		13710	50.14	-38.06	88.2	55.86	40.33	12.63	58.68	100	241	P	V
6855MHz		20565	36.82	-37.18	74	43.68	38.34	11.61	47.27	150	115	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-7 - 6525~6875MHz  
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 123 6565MHz		6565	88.99	-	-	79.94	34.27	8.47	33.69	107	344	P	H
		6565	84	-	-	74.95	34.27	8.47	33.69	107	344	A	H
		6565	91.16	-	-	82.11	34.27	8.47	33.69	100	37	P	V
		6565	86.26	-	-	77.21	34.27	8.47	33.69	100	37	A	V
802.11n HT40 CH 147 6685MHz		6685	90.61	-	-	81.26	34.56	8.45	33.66	100	11	P	H
		6685	86.68	-	-	77.33	34.56	8.45	33.66	100	11	A	H
		6685	93.6	-	-	84.25	34.56	8.45	33.66	100	50	P	V
		6685	88.61	-	-	79.26	34.56	8.45	33.66	100	50	A	V
802.11n HT40 CH 179 6845MHz	*	6845	81	-	-	70.87	35.15	8.61	33.63	100	13	P	H
		6845	76.77	-	-	66.64	35.15	8.61	33.63	100	13	A	H
	*	6845	87.74	-	-	77.61	35.15	8.61	33.63	100	36	P	V
		6845	82.31	-	-	72.18	35.15	8.61	33.63	100	36	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-7 - 6525~6875MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n		13130	50.13	-38.07	88.2	55.8	39.99	12.39	58.05	101	245	P	H
HT40		19695	33.4	-40.6	74	44.79	37.68	11.51	51.04	150	323	P	H
CH 123		13130	50.45	-37.75	88.2	56.12	39.99	12.39	58.05	100	111	P	V
6565MHz		19695	33.29	-40.71	74	44.68	37.68	11.51	51.04	110	215	P	V
802.11n		13370	50.54	-23.46	74	56.23	40.13	12.49	58.31	141	209	P	H
HT40		20055	33.51	-40.49	74	43.57	37.85	11.23	49.6	154	214	P	H
CH 147		13370	50.31	-23.69	74	56	40.13	12.49	58.31	174	269	P	V
6685MHz		20055	33.13	-40.87	74	43.19	37.85	11.23	49.6	163	328	P	V
802.11n		13690	50.62	-37.58	88.2	56.35	40.31	12.61	58.65	114	278	P	H
HT40		20535	38.59	-35.41	74	45.4	38.31	11.58	47.16	132	236	P	H
CH 179		13690	50.47	-37.73	88.2	56.2	40.31	12.61	58.65	125	298	P	V
6845MHz		20535	36.95	-37.05	74	43.76	38.31	11.58	47.16	100	214	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-7 - 6525~6875MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80		6625	90.09	-	-	80.91	34.44	8.41	33.67	227	50	P	H
CH 135		6625	82.56	-	-	73.38	34.44	8.41	33.67	227	50	A	H
6625MHz		6625	90.95	-	-	81.77	34.44	8.41	33.67	260	326	P	V
		6625	85.14	-	-	75.96	34.44	8.41	33.67	260	326	P	V
802.11ac VHT80		6705	89.17	-	-	79.71	34.66	8.46	33.66	248	327	P	H
CH 151		6705	82.54	-	-	73.08	34.66	8.46	33.66	248	327	A	H
6705MHz		6705	89.49	-	-	80.03	34.66	8.46	33.66	245	328	P	V
		6705	84.17	-	-	74.71	34.66	8.46	33.66	245	328	A	V
802.11ac VHT80		6785	86.31	-	-	76.57	34.91	8.47	33.64	256	326	P	H
CH 167		6785	81.39	-	-	71.65	34.91	8.47	33.64	256	326	A	H
6785MHz		6785	89.37	-	-	79.63	34.91	8.47	33.64	264	325	P	V
		6785	83.39	-	-	73.65	34.91	8.47	33.64	264	325	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-7 - 6525~6875MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		13250	50.25	-23.75	74	55.93	40.06	12.44	58.18	151	333	P	H
VHT80		19875	34.26	-39.74	74	45.06	37.75	11.37	50.38	134	255	P	H
CH 135		13250	50.64	-23.36	74	56.32	40.06	12.44	58.18	119	233	P	V
6625MHz		19875	33.97	-40.03	74	44.77	37.75	11.37	50.38	122	219	P	V
802.11ac		13410	50.55	-37.65	88.2	56.25	40.15	12.5	58.35	100	69	P	H
VHT80		20115	35.09	-38.91	74	44.77	37.92	11.2	49.26	198	265	P	H
CH 151		13410	49.89	-38.31	88.2	55.59	40.15	12.5	58.35	121	209	P	V
6705MHz		20115	34.66	-39.34	74	44.34	37.92	11.2	49.26	108	166	P	V
802.11ac		13570	50.07	-38.13	88.2	55.79	40.24	12.56	58.52	129	228	P	H
VHT80		20355	36.55	-37.45	74	44.4	38.15	11.42	47.88	150	326	P	H
CH 167		13570	50.06	-38.14	88.2	55.78	40.24	12.56	58.52	139	310	P	V
6785MHz		20355	36.96	-37.04	74	44.81	38.15	11.42	47.88	124	202	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax		6665	85.06	-	-	75.77	34.52	8.44	33.67	245	325	P	H
HE160		6665	78.43	-	-	69.14	34.52	8.44	33.67	245	325	A	H
CH 143		6665	87.57	-	-	78.28	34.52	8.44	33.67	236	328	P	V
6665MHz		6665	81.1	-	-	71.81	34.52	8.44	33.67	236	328	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax		13330	49.9	-24.1	74	55.58	40.1	12.47	58.25	111	98	P	H
HE160		19995	32.91	-41.09	74	43.32	37.8	11.27	49.94	150	185	P	H
CH 143		13330	50.8	-23.2	74	56.48	40.1	12.47	58.25	100	193	P	V
6665MHz		19995	33.37	-40.63	74	43.78	37.8	11.27	49.94	134	205	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





UNII-8 – 6875~7125

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax		6895	88.08	-	-	77.62	35.33	8.75	33.62	243	327	P	H	
HE20		6895	80.49	-	-	70.03	35.33	8.75	33.62	243	327	A	H	
CH 189		6895	93.13	-	-	82.67	35.33	8.75	33.62	239	303	P	V	
6895MHz		6895	87.07	-	-	76.61	35.33	8.75	33.62	239	303	A	V	
802.11ax		6995	88.48	-	-	77.67	35.7	8.71	33.6	100	341	P	H	
HE20		6995	81.34	-	-	70.53	35.7	8.71	33.6	100	341	A	H	
CH 209		6995	93.82	-	-	83.01	35.7	8.71	33.6	274	304	P	V	
6995MHz		6995	88.25	-	-	77.44	35.7	8.71	33.6	274	304	A	V	
802.11ax		7115	95.89	-	-	84.71	36.16	8.66	33.64	100	357	P	H	
		7115	90.63	-	-	79.45	36.16	8.66	33.64	100	357	A	H	
		7135.17	58.67	-29.53	88.2	47.42	36.22	8.68	33.65	100	357	P	H	
	*	7337.91	50.62	-23.38	74	38.51	37.01	8.84	33.74	100	357	P	H	
	HE20		7128.195	51.99	-16.21	68.2	40.82	36.16	8.66	33.65	100	357	A	H
		7316.985	43.83	-10.17	54	31.82	36.94	8.8	33.73	100	357	A	H	
	CH 233		7115	100.33	-	-	89.15	36.16	8.66	33.64	100	357	P	V
	7115MHz		7115	95.93	-	-	84.75	36.16	8.66	33.64	100	357	A	V
		7129.125	62.25	-25.95	88.2	51	36.22	8.68	33.65	100	357	P	V	
	*	7258.395	51.17	-22.83	74	39.46	36.68	8.74	33.71	100	357	P	V	
	7134.705	53.08	-15.12	68.2	41.83	36.22	8.68	33.65	100	357	A	V		
	7255.14	43.91	-10.09	54	32.2	36.68	8.74	33.71	100	357	A	V		
Remark	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 Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax 20 CH 189 6895MHz		13790	50.74	-37.46	88.2	56.47	40.37	12.66	58.76	175	296	P	H
		20685	36.81	-37.19	74	44.01	38.4	11.62	47.68	150	322	P	H
		13790	50.11	-38.09	88.2	55.84	40.37	12.66	58.76	123	213	P	V
		20685	36.55	-37.45	74	43.75	38.4	11.62	47.68	100	125	P	V
802.11ax 20 CH 209 6995MHz		13990	50.2	-38	88.2	55.95	40.49	12.74	58.98	128	279	P	H
		20985	35.4	-38.6	74	43.55	38.58	11.54	48.73	154	202	P	H
		13990	50.44	-37.76	88.2	56.19	40.49	12.74	58.98	119	165	P	V
		20985	34.74	-39.26	74	42.89	38.58	11.54	48.73	136	351	P	V
802.11ax 20 CH 233 7115MHz		14230	50.09	-38.11	88.2	55.55	40.54	12.87	58.87	109	255	P	H
		21345	33.02	-40.98	74	42.2	38.74	11.32	49.7	100	322	P	H
		14230	50.58	-37.62	88.2	56.04	40.54	12.87	58.87	118	199	P	V
		21345	33.81	-40.19	74	42.99	38.74	11.32	49.7	154	129	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-8 - 6875~7125MHz  
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 195 6925MHz		6925	84.06	-	-	73.48	35.46	8.74	33.62	100	12	P	H
		6925	79.57	-	-	68.99	35.46	8.74	33.62	100	12	A	H
		6925	91.74	-	-	81.16	35.46	8.74	33.62	157	21	P	V
		6925	86.09	-	-	75.51	35.46	8.74	33.62	157	21	A	V
802.11n HT40 CH 203 6965MHz		6965	88.49	-	-	77.8	35.58	8.72	33.61	112	353	P	H
		6965	82.38	-	-	71.69	35.58	8.72	33.61	112	353	A	H
		6965	93.4	-	-	82.71	35.58	8.72	33.61	100	43	P	V
		6965	87.68	-	-	76.99	35.58	8.72	33.61	100	43	A	V
802.11n HT40 CH 227 7085MHz		7085	89.64	-	-	78.58	36.03	8.66	33.63	112	352	P	H
		7085	85.5	-	-	74.44	36.03	8.66	33.63	112	352	P	H
		7130.985	51.44	-36.76	88.2	40.19	36.22	8.68	33.65	112	352	P	H
	*	7324.425	50.44	-23.56	74	38.43	36.94	8.8	33.73	112	352	P	H
		7125	46.68	-21.52	68.2	35.51	36.16	8.66	33.65	112	352	A	H
		7331.865	44.21	-9.79	54	32.21	36.94	8.8	33.74	112	352	A	H
		7085	97.4	-	-	86.34	36.03	8.66	33.63	100	26	P	V
		7085	91.76	-	-	80.7	36.03	8.66	33.63	100	26	A	V
		7125.405	58.06	-30.14	88.2	46.89	36.16	8.66	33.65	100	26	P	V
	*	7283.04	50.6	-23.4	74	38.75	36.81	8.76	33.72	100	26	P	V
	7125	52.02	-16.18	68.2	40.85	36.16	8.66	33.65	100	26	A	V	
	7336.98	44.38	-9.62	54	32.27	37.01	8.84	33.74	100	26	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 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n		13850	50.35	-37.85	88.2	56.08	40.41	12.69	58.83	155	227	P	H
HT40		20775	35.57	-38.43	74	43.05	38.47	11.59	48	169	253	P	H
CH 195		13850	50.03	-38.17	88.2	55.76	40.41	12.69	58.83	180	219	P	V
6925MHz		20775	35.54	-38.46	74	43.02	38.47	11.59	48	153	336	P	V
802.11n		13930	51.4	-36.8	88.2	57.15	40.46	12.72	58.93	100	0	P	H
HT40		20895	35	-39	74	42.85	38.54	11.56	48.41	150	360	P	H
CH 203		13930	51.43	-36.77	88.2	57.18	40.46	12.72	58.93	100	0	P	V
6965MHz		20895	34.56	-39.44	74	42.41	38.54	11.56	48.41	150	0	P	V
802.11n		14170	53.24	-34.96	88.2	58.77	40.53	12.84	58.9	100	0	P	H
HT40		21255	33.17	-40.83	74	42.08	38.7	11.39	49.46	150	360	P	H
CH 227		14170	52.67	-35.53	88.2	58.2	40.53	12.84	58.9	100	0	P	V
7085MHz		21255	32.78	-41.22	74	41.69	38.7	11.39	49.46	150	0	P	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 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 199		6945	86.3	-	-	75.66	35.52	8.73	33.61	100	355	P	H	
		6945	80.14	-	-	69.5	35.52	8.73	33.61	100	355	A	H	
		6945	93.14	-	-	82.5	35.52	8.73	33.61	100	27	P	V	
6945MHz		6945	86.51	-	-	75.87	35.52	8.73	33.61	100	27	A	V	
802.11ac VHT80 CH 215		7025	83.5	-	-	72.64	35.77	8.7	33.61	107	248	P	H	
		7025	78.53	-	-	67.67	35.77	8.7	33.61	107	248	A	H	
		7208.175	51.65	-36.55	88.2	40.11	36.49	8.73	33.68	107	248	P	H	
	*	7271.415	52.91	-21.09	74	41.12	36.75	8.75	33.71	107	248	P	H	
		7245.84	43.85	-24.35	68.2	32.18	36.62	8.74	33.69	107	248	A	H	
		7302.57	44.33	-9.67	54	32.42	36.88	8.76	33.73	107	248	A	H	
	7025MHz		7025	93.07	-	-	82.21	35.77	8.7	33.61	100	36	P	V
			7025	86.82	-	-	75.96	35.77	8.7	33.61	100	36	A	V
			7222.125	50.94	-37.26	88.2	39.35	36.55	8.73	33.69	100	36	P	V
	*		7282.575	50.41	-23.59	74	38.56	36.81	8.76	33.72	100	36	P	V
		7159.815	44.57	-23.63	68.2	33.25	36.29	8.69	33.66	100	36	A	V	
		7301.175	44.57	-9.43	54	32.66	36.88	8.76	33.73	100	36	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 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		13890	52.22	-35.98	88.2	57.96	40.43	12.7	58.87	100	0	P	H
VHT80		20835	35.77	-38.23	74	43.45	38.49	11.58	48.21	150	360	P	H
CH 199		13890	51.85	-36.35	88.2	57.59	40.43	12.7	58.87	100	0	P	V
6945MHz		20835	35.15	-38.85	74	42.83	38.49	11.58	48.21	150	0	P	V
802.11ac		14050	52	-36.2	88.2	57.68	40.51	12.78	58.97	138	229	P	H
VHT80		21075	34.03	-39.97	74	42.4	38.63	11.52	48.98	150	337	P	H
CH 215		14050	51.63	-36.57	88.2	57.31	40.51	12.78	58.97	125	239	P	V
7025MHz		21075	34.52	-39.48	74	42.89	38.63	11.52	48.98	116	218	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz
WIFI 802.11ac VHT160 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Cable Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for 802.11ac VHT160 CH 207 6985MHz and a Remark section.



UNII-8 - 6875~7125MHz

WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		13970	51.38	-36.82	88.2	57.12	40.48	12.74	58.96	100	218	P	H
VHT160		20955	35.91	-38.09	74	43.95	38.57	11.55	48.62	150	295	P	H
CH 207		13970	52.21	-35.99	88.2	57.95	40.48	12.74	58.96	124	321	P	V
6985MHz		20955	34.68	-39.32	74	42.72	38.57	11.55	48.62	150	132	P	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>												





Emission below 1GHz

UNII-8 - 6875~7125MHz

WIFI 802.11ac VHT160\_Tx\_CH207 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		( MHz )	( dBμV/m )	Limit ( dB )	Line ( dBμV/m )	Level (dBμV)	Factor ( dB/m )	Loss ( dB )	Factor ( dB )	Pos ( cm )	Pos ( deg )	Avg. (P/A)	(H/V)
802.11ac VHT160 LF		58.13	26.57	-13.43	40	39.74	19.75	2.2	35.12	-	-	P	H
		188.11	35.89	-7.61	43.5	51.21	17.08	2.7	35.1	100	98	P	H
		265.71	36.68	-9.32	46	50	18.69	2.96	34.97	-	-	P	H
		314.21	29.64	-16.36	46	41.27	20.07	3.2	34.9	-	-	P	H
		794.36	28.99	-17.01	46	31.19	28.17	3.94	34.31	-	-	P	H
		982.54	31.47	-22.53	54	31.37	30.08	4.15	34.13	-	-	P	H
		50.37	27.8	-12.2	40	40.38	20.29	2.23	35.1	-	-	P	V
		164.83	32.16	-11.34	43.5	45.35	19.3	2.61	35.1	100	145	P	V
		265.71	27.71	-18.29	46	41.03	18.69	2.96	34.97	-	-	P	V
		625.58	29.03	-16.97	46	33.53	26.11	3.89	34.5	-	-	P	V
		719.67	29.03	-16.97	46	32.48	27.05	3.96	34.46	-	-	P	V
	975.75	31.38	-22.62	54	31.39	30	4.14	34.15	-	-	P	V	

**Remark**  
 1. No other spurious found.  
 2. All results are PASS against limit line.



Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		6875	84.03	-	-	73.69	35.27	8.7	33.63	138	354	P	H
HT20		6875	79.15	-	-	68.81	35.27	8.7	33.63	138	354	A	H
CH 185		6875	91	-	-	80.66	35.27	8.7	33.63	100	35	P	V
6875MHz		6875	85.86	-	-	75.52	35.27	8.7	33.63	100	35	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		13750	51.25	-36.95	88.2	56.98	40.35	12.64	58.72	100	199	P	H
HT20		20625	37.3	-36.7	74	44.3	38.38	11.63	47.47	174	263	P	H
CH 185		13750	51.9	-36.3	88.2	57.63	40.35	12.64	58.72	100	163	P	V
6875MHz		20625	36.65	-37.35	74	43.65	38.38	11.63	47.47	150	126	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Straddle Channel**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n		6525	90.75	-	-	81.7	34.19	8.55	33.69	132	347	P	H
HT40		6525	85.42	-	-	76.37	34.19	8.55	33.69	132	347	A	H
CH 115		6525	95.52	-	-	86.47	34.19	8.55	33.69	100	19	P	V
6525MHz		6525	90.08	-	-	81.03	34.19	8.55	33.69	100	19	A	V
802.11n		6885	84.79	-	-	74.44	35.27	8.7	33.62	126	354	P	H
HT40		6885	79.41	-	-	69.06	35.27	8.7	33.62	126	354	A	H
CH 187		6885	91.81	-	-	81.46	35.27	8.7	33.62	100	6885	P	V
6885MHz		6885	86.38	-	-	76.03	35.27	8.7	33.62	100	24	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Straddle Channel**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n		13050	51.38	-36.82	88.2	57.06	39.93	12.35	57.96	100	108	P	H
HT40		19575	33.64	-40.36	74	45.46	37.63	11.57	51.48	121	235	P	H
CH 115		13050	49.78	-38.42	88.2	55.46	39.93	12.35	57.96	121	215	P	V
6525MHz		19575	33.58	-40.42	74	45.4	37.63	11.57	51.48	150	100	P	V
802.11n		13770	50.64	-37.56	88.2	56.37	40.36	12.65	58.74	100	215	P	H
HT40		20655	36.29	-37.71	74	43.39	38.39	11.63	47.58	150	215	P	H
CH 187		13770	50.36	-37.84	88.2	56.09	40.36	12.65	58.74	100	255	P	V
6885MHz		20655	36.07	-37.93	74	43.17	38.39	11.63	47.58	150	132	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Straddle Channel**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		6545	89.76	-	-	80.71	34.23	8.51	33.69	100	345	P	H
VHT80		6545	83.19	-	-	74.14	34.23	8.51	33.69	100	345	A	H
CH 119		6545	93.83	-	-	84.78	34.23	8.51	33.69	100	20	P	V
6545MHz		6545	88.03	-	-	78.98	34.23	8.51	33.69	100	20	A	V
802.11ac		6865	82.58	-	-	72.34	35.21	8.66	33.63	100	354	P	H
VHT80		6865	77.63	-	-	67.39	35.21	8.66	33.63	100	354	A	H
CH 183		6865.2	89.76	-	-	79.52	35.21	8.66	33.63	104	25	P	H
6865MHz		6865.2	84.05	-	-	73.81	35.21	8.66	33.63	104	25	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		13090	51.6	-36.6	88.2	57.27	39.95	12.37	57.99	100	325	P	H
VHT80		19635	33.79	-40.21	74	45.39	37.65	11.55	51.26	150	360	P	H
CH 119		13090	50.13	-38.07	88.2	55.8	39.95	12.37	57.99	100	105	P	V
6545MHz		19635	34.27	-39.73	74	45.87	37.65	11.55	51.26	150	0	P	V
802.11ac		13730	50.94	-37.26	88.2	56.66	40.34	12.64	58.7	100	0	P	H
VHT80		20595	36.3	-37.7	74	43.21	38.36	11.64	47.37	150	360	P	H
CH 183		13730	52.55	-35.65	88.2	58.27	40.34	12.64	58.7	100	0	P	V
6865MHz		20595	36.35	-37.65	74	43.26	38.36	11.64	47.37	150	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Straddle Channel**  
**WIFI 802.11ac VHT160 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		6505	83.08	-	-	74.04	34.15	8.59	33.7	125	346	A	H
VHT160		6505	88.93	-	-	79.89	34.15	8.59	33.7	125	346	P	H
CH 111		6505	93.57	-	-	84.53	34.15	8.59	33.7	102	14	P	V
6505MHz		6505	87.41	-	-	78.37	34.15	8.59	33.7	102	14	A	V
802.11ac		6825	80.99	-	-	70.98	35.09	8.56	33.64	112	352	P	H
VHT160		6825	75.5	-	-	65.49	35.09	8.56	33.64	112	352	A	H
CH 175		6825	87.23	-	-	77.22	35.09	8.56	33.64	100	25	P	H
6825MHz		6825	81.05	-	-	71.04	35.09	8.56	33.64	100	25	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Straddle Channel**  
**WIFI 802.11ac 160 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac		13010	50.38	-37.82	88.2	56.05	39.9	12.33	57.9	100	215	P	H
VHT160		19515	34.06	-39.94	74	46.15	37.61	11.54	51.7	150	360	P	H
CH 111		13010	51.82	-36.38	88.2	57.49	39.9	12.33	57.9	100	263	P	H
6505MHz		19515	33.73	-40.27	74	45.82	37.61	11.54	51.7	150	0	P	H
802.11ac		13010	51.82	-36.38	88.2	57.49	39.9	12.33	57.9	100	263	P	H
VHT160		19515	33.73	-40.27	74	45.82	37.61	11.54	51.7	150	0	P	H
CH 175		13010	51.82	-36.38	88.2	57.49	39.9	12.33	57.9	100	263	P	H
6825MHz		19515	33.73	-40.27	74	45.82	37.61	11.54	51.7	150	0	P	H
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

- Level(dBμV/m) =  
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

- Level(dBμV/m)  
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

- Level(dBμV/m)  
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
= 43.54 (dBμV/m)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

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



### Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	98	-	-	10kHz
1+2	802.11n HT20	100	-	-	10kHz
1+2	802.11n HT40	100	-	-	10kHz
1+2	802.11ac VHT80	100	-	-	10kHz
1+2	802.11ac VHT160	100	-	-	10kHz
1+2	802.11ax HE20	100	-	-	10kHz
1+2	802.11ax HE40	100	-	-	10kHz
1+2	802.11ax HE80	100	-	-	10kHz
1+2	802.11ax HE160	100	-	-	10kHz