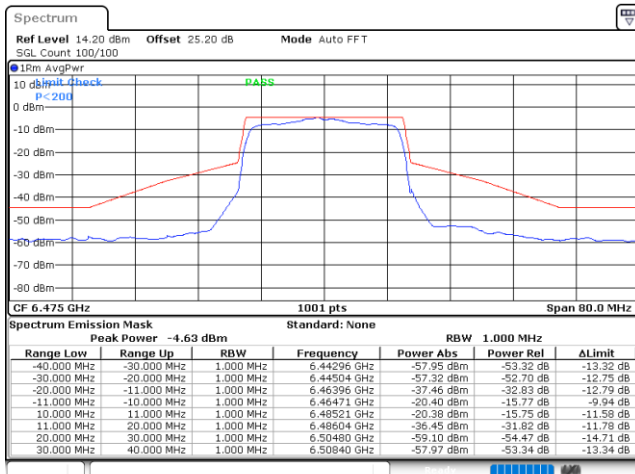


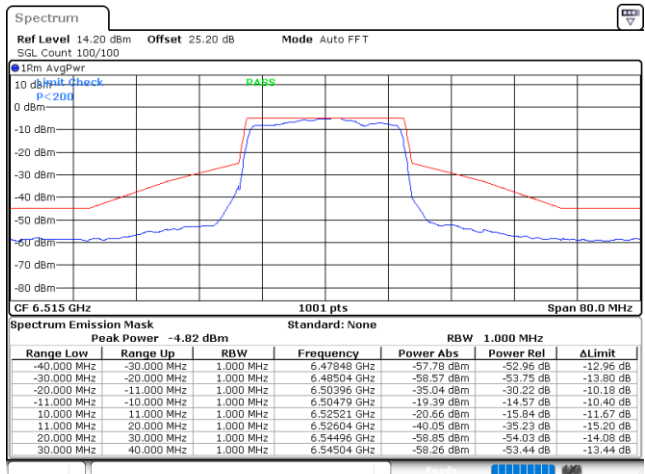


Plot on Channel 6475MHz



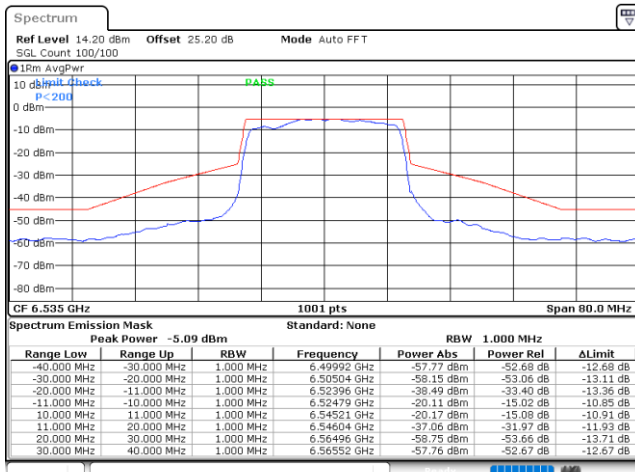
Date: 21.JUN.2021 14:52:00

Plot on Channel 6515MHz



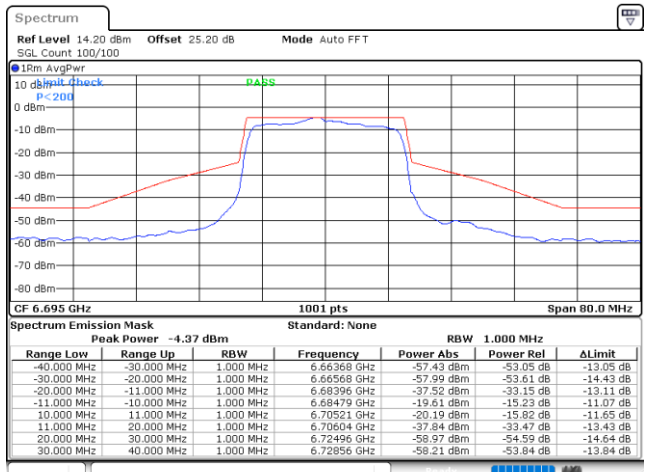
Date: 21.JUN.2021 14:55:07

Plot on Channel 6535MHz



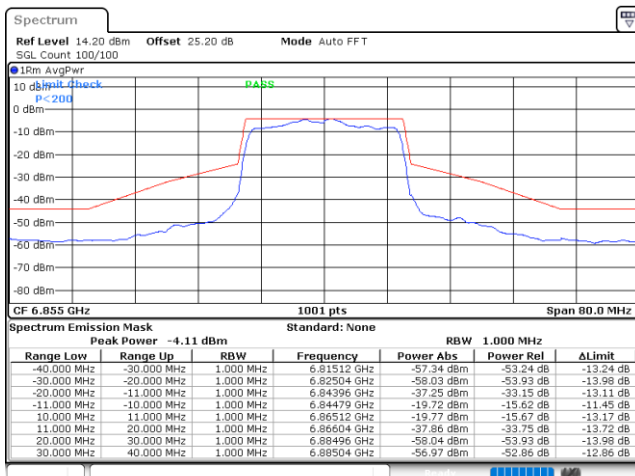
Date: 21.JUN.2021 14:57:10

Plot on Channel 6695MHz



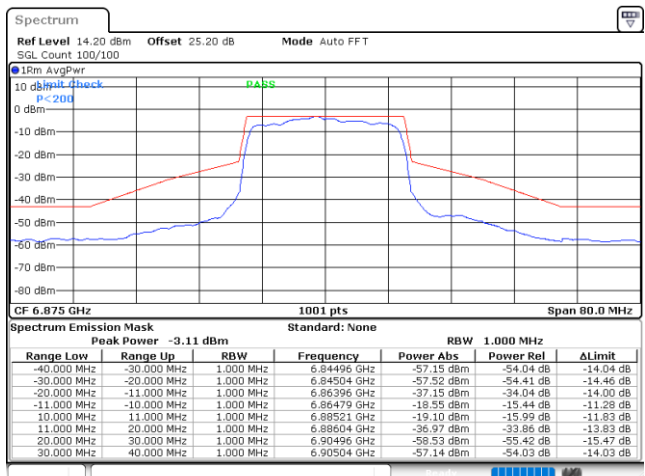
Date: 21.JUN.2021 15:00:25

Plot on Channel 6855MHz



Date: 21.JUN.2021 15:03:18

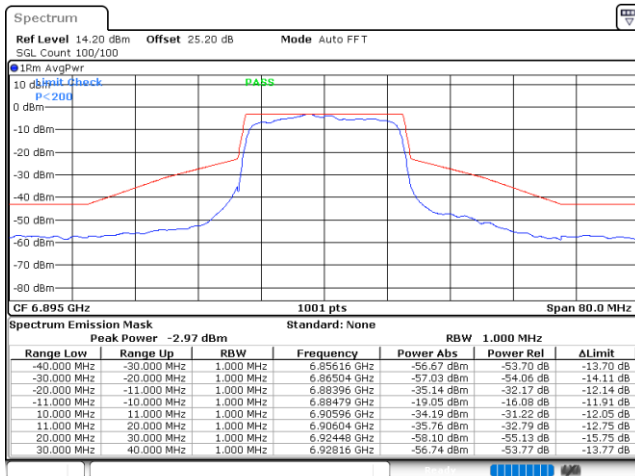
Plot on Channel 6875MHz



Date: 21.JUN.2021 15:07:43

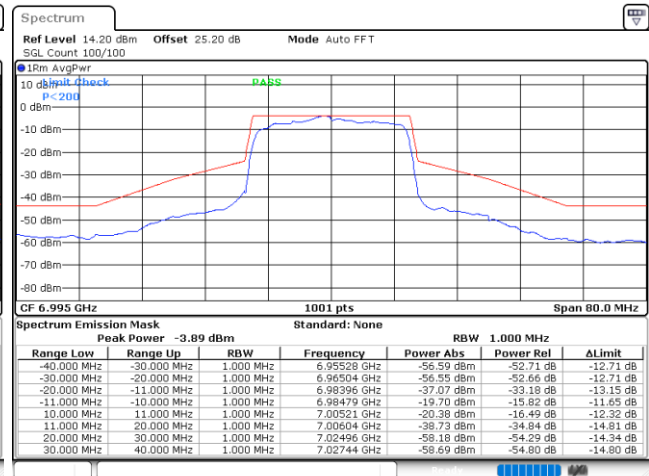


Plot on Channel 6895MHz



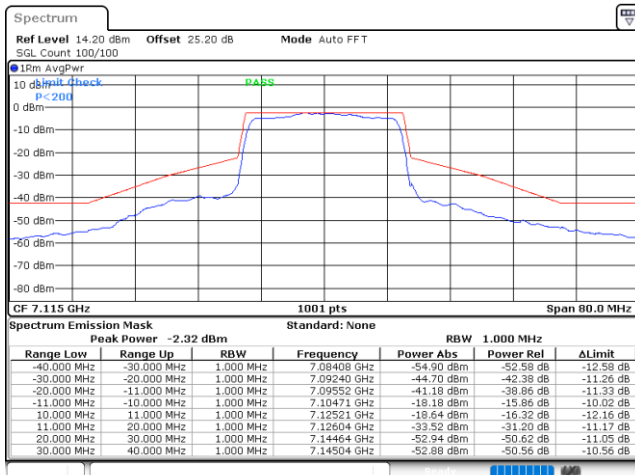
Date: 21.JUN.2021 15:18:19

Plot on Channel 6995MHz



Date: 21.JUN.2021 15:21:10

Plot on Channel 7115MHz

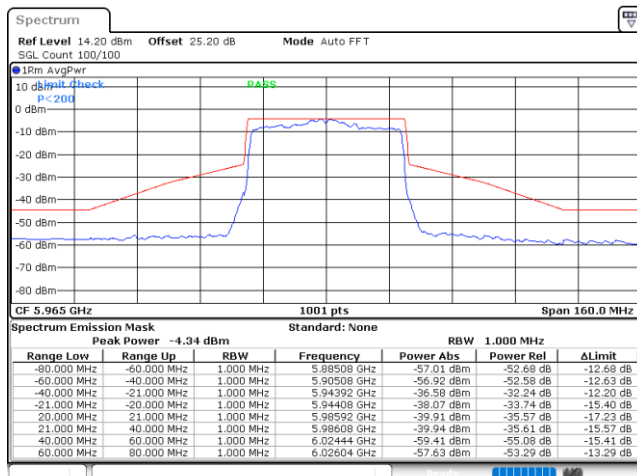


Date: 21.JUN.2021 15:26:20



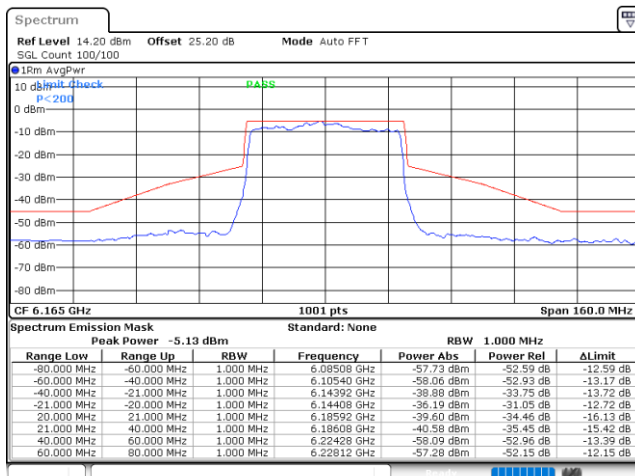
EUT Mode : 802.11ax HE40

Plot on Channel 5965MHz



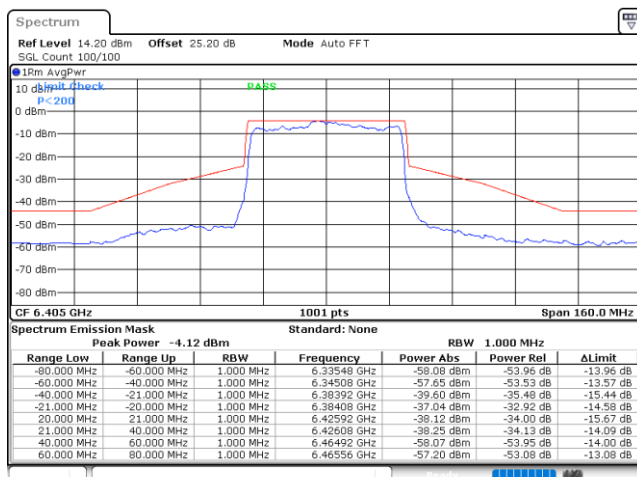
Date: 21.JUN.2021 15:30:14

Plot on Channel 6165MHz



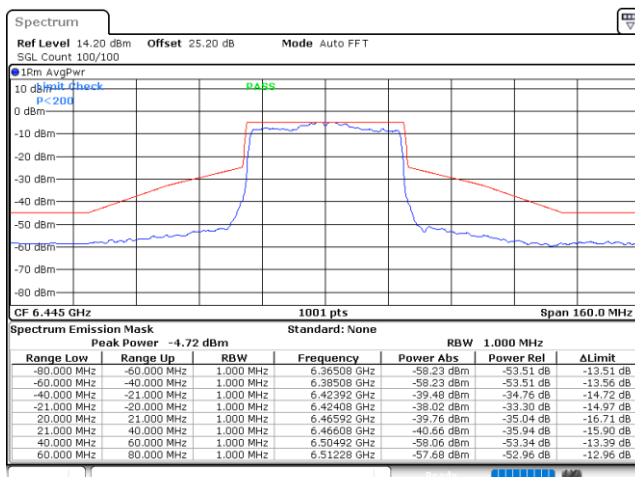
Date: 21.JUN.2021 15:32:59

Plot on Channel 6405MHz



Date: 21.JUN.2021 15:35:37

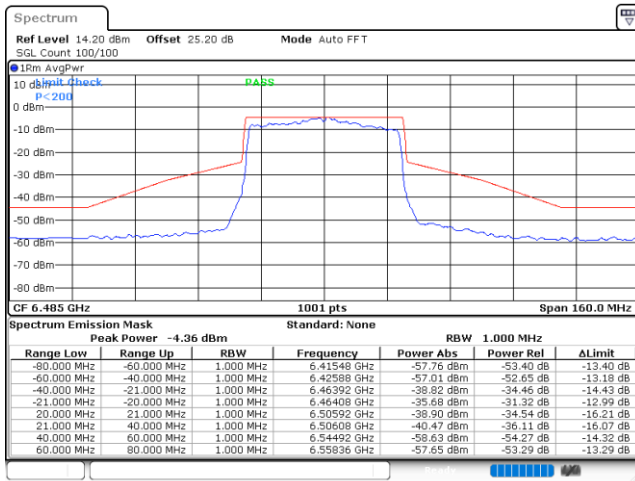
Plot on Channel 6445MHz



Date: 21.JUN.2021 15:38:06

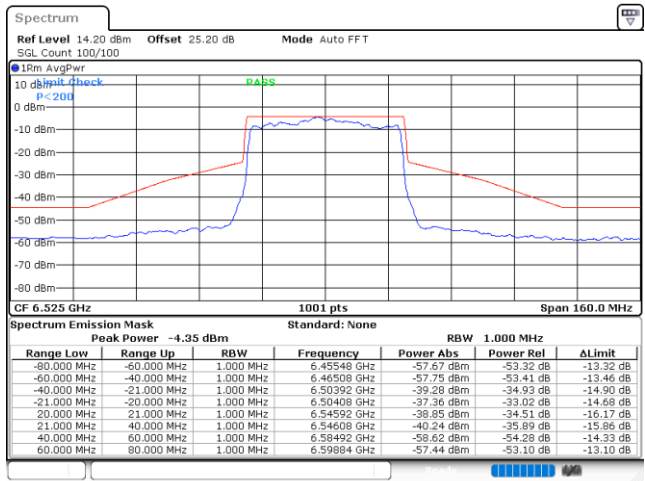


Plot on Channel 6485MHz



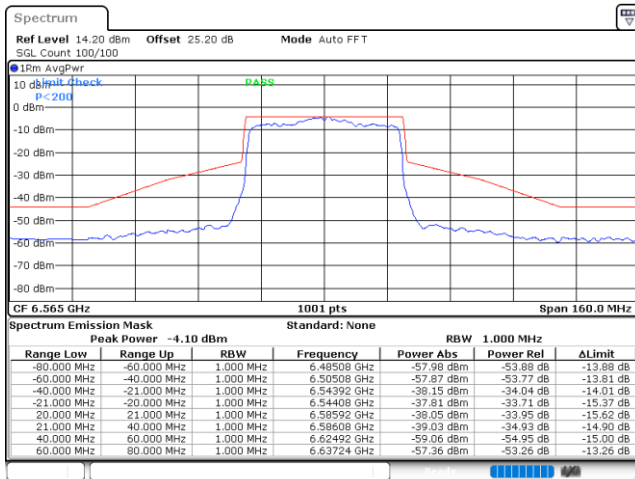
Date: 21.JUN.2021 15:40:35

Plot on Channel 6525MHz



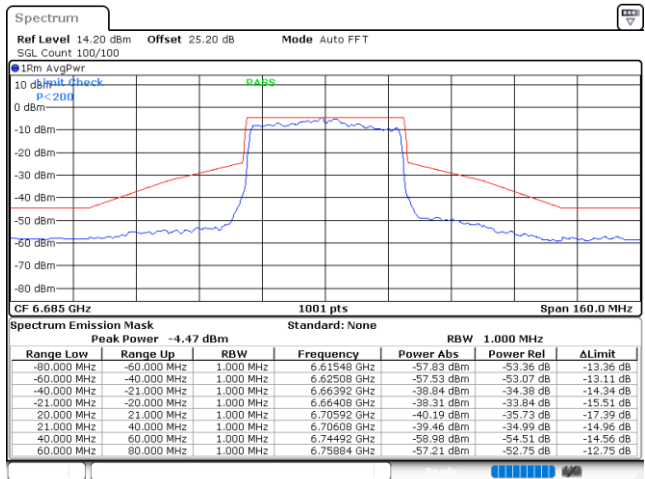
Date: 21.JUN.2021 15:44:49

Plot on Channel 6565MHz



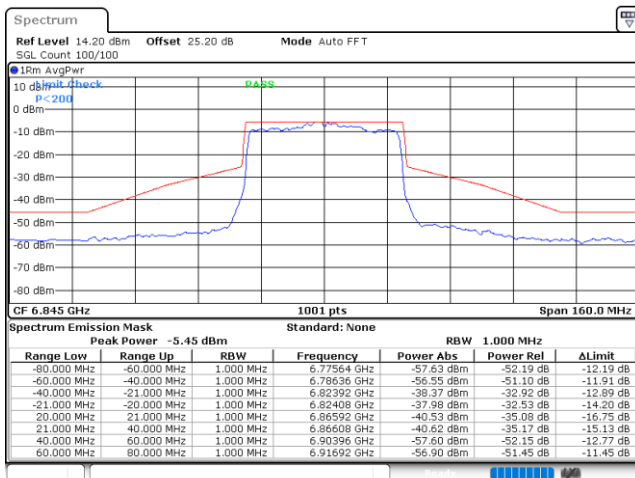
Date: 21.JUN.2021 15:46:58

Plot on Channel 6685MHz



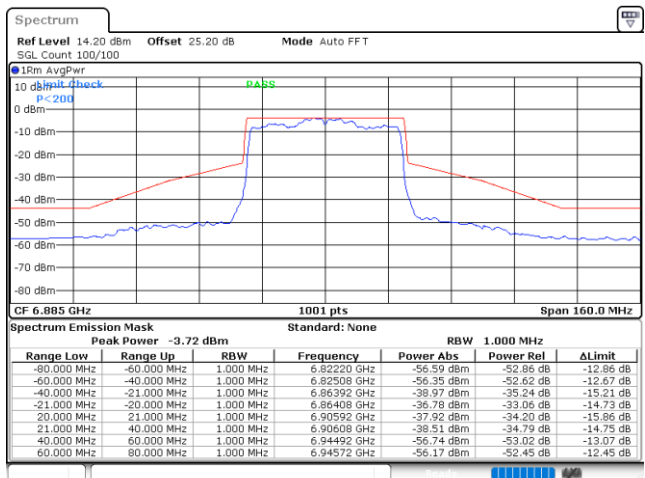
Date: 21.JUN.2021 15:49:16

Plot on Channel 6845MHz



Date: 21.JUN.2021 16:03:30

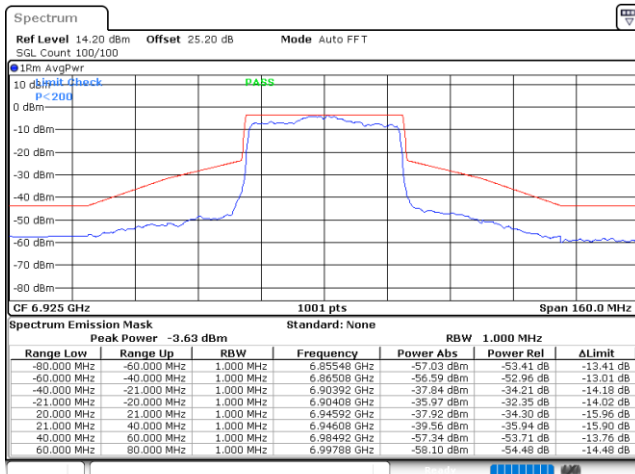
Plot on Channel 6885MHz



Date: 21.JUN.2021 16:05:51

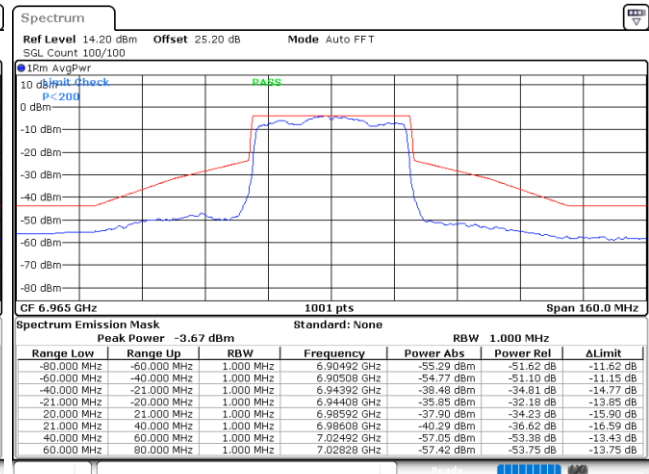


Plot on Channel 6925MHz



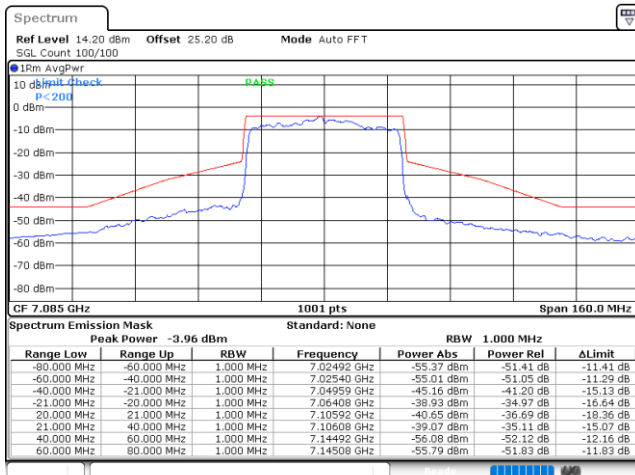
Date: 21.JUN.2021 15:51:42

Plot on Channel 6965MHz



Date: 21.JUN.2021 15:55:41

Plot on Channel 7085MHz

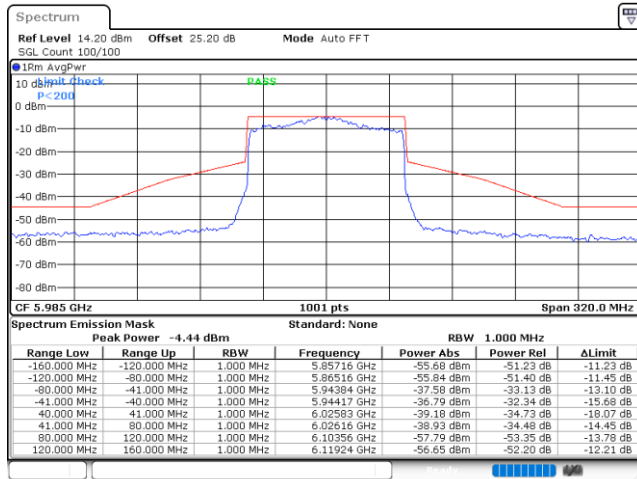


Date: 21.JUN.2021 15:58:59



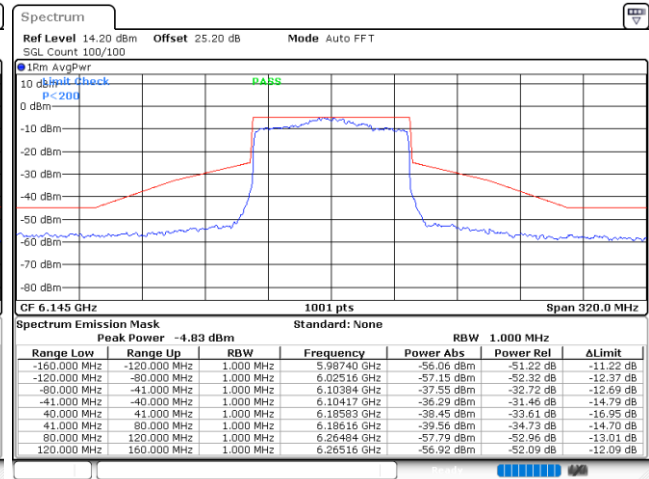
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



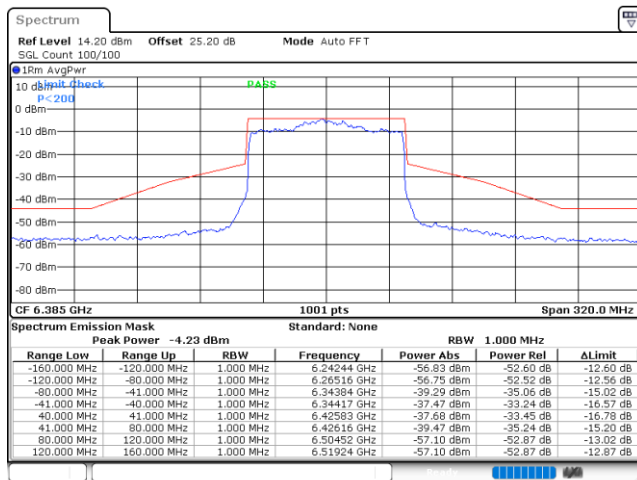
Date: 21.JUN.2021 16:12:38

Plot on Channel 6145MHz



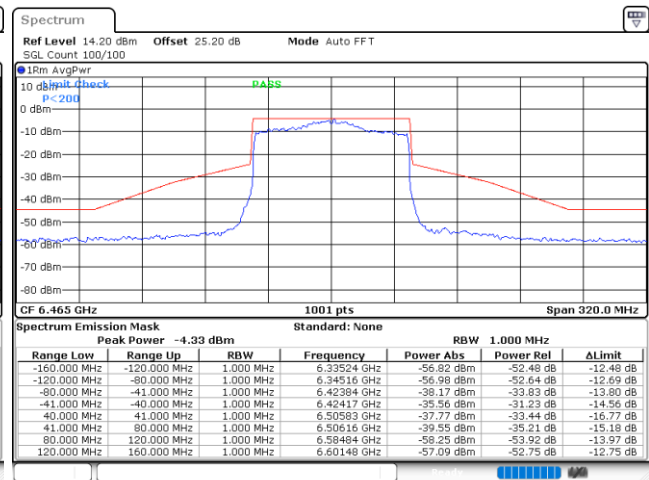
Date: 21.JUN.2021 16:14:52

Plot on Channel 6385MHz



Date: 21.JUN.2021 16:56:47

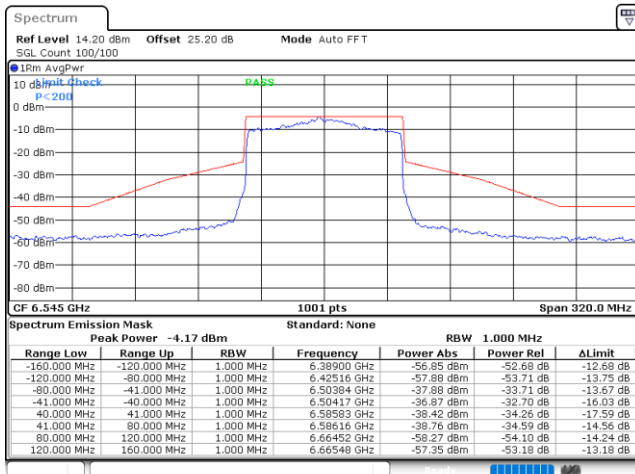
Plot on Channel 6465MHz



Date: 21.JUN.2021 16:21:01

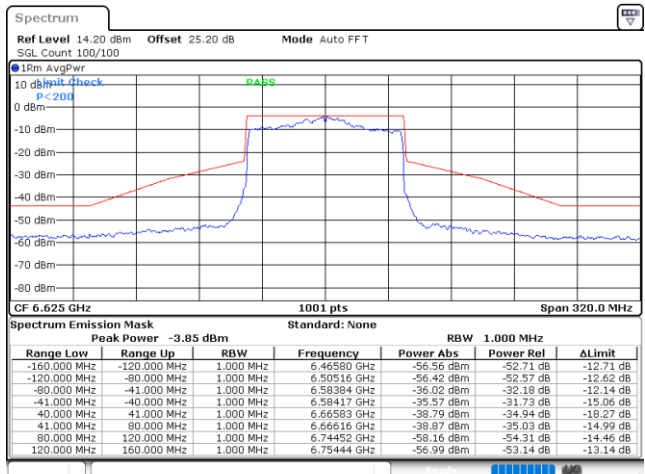


Plot on Channel 6545MHz



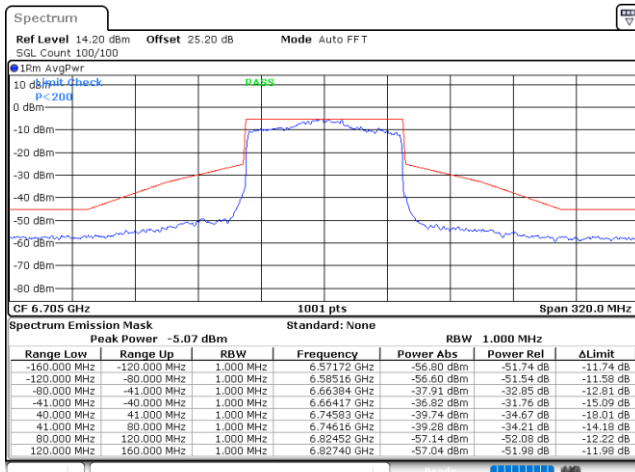
Date: 21.JUN.2021 16:25:12

Plot on Channel 6625MHz



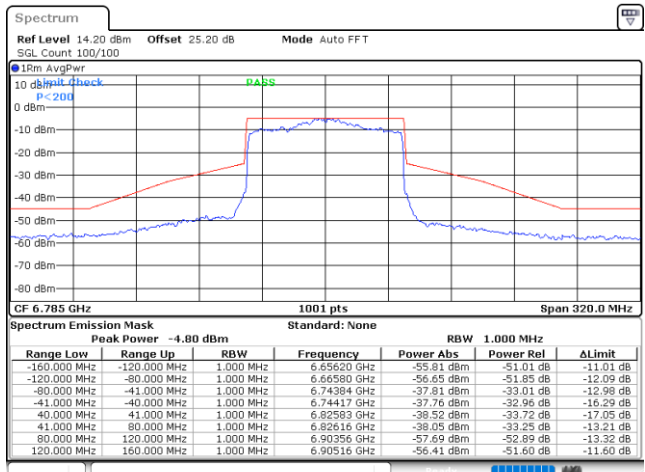
Date: 21.JUN.2021 16:30:20

Plot on Channel 6705MHz



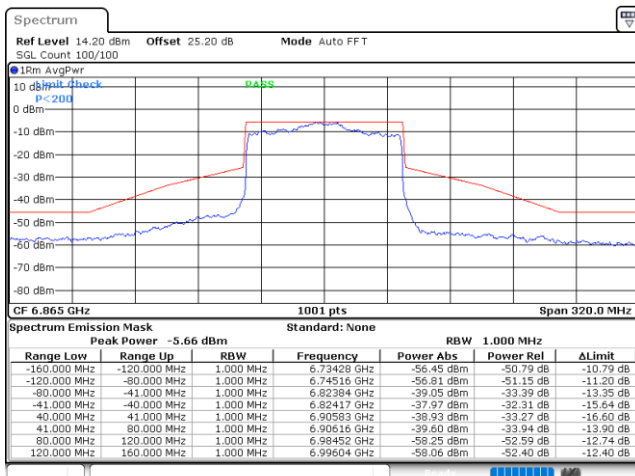
Date: 21.JUN.2021 16:32:39

Plot on Channel 6785MHz



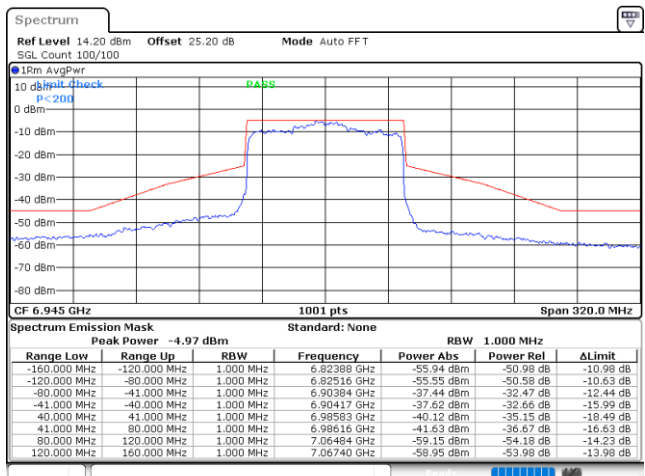
Date: 21.JUN.2021 16:35:25

Plot on Channel 6865MHz



Date: 21.JUN.2021 16:39:11

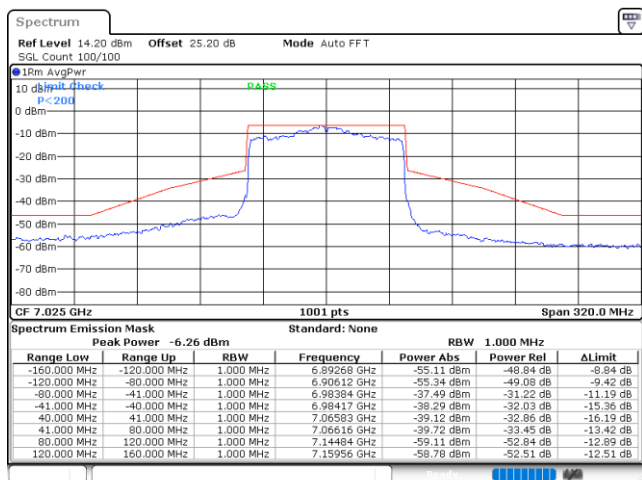
Plot on Channel 6945MHz



Date: 21.JUN.2021 16:42:32



Plot on Channel 7025MHz

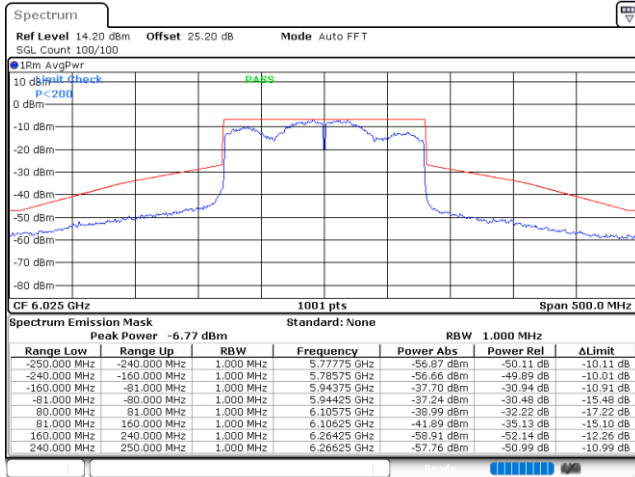


Date: 21.JUN.2021 16:53:36



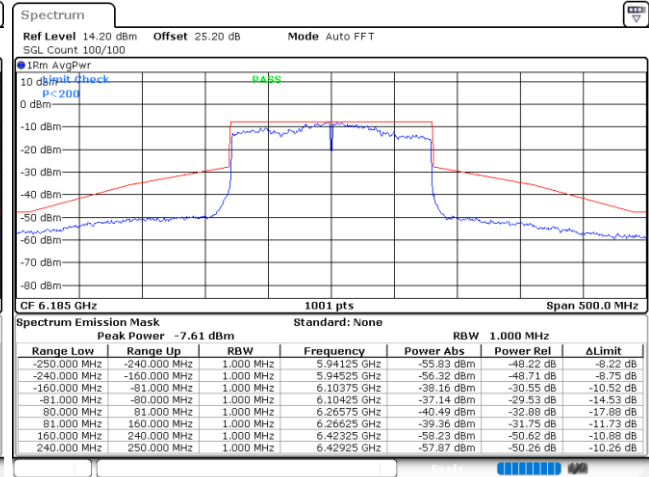
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



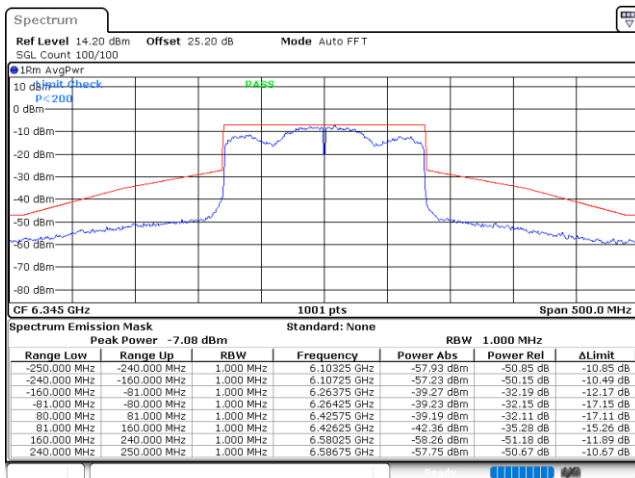
Date: 21.JUN.2021 17:00:08

Plot on Channel 6185MHz



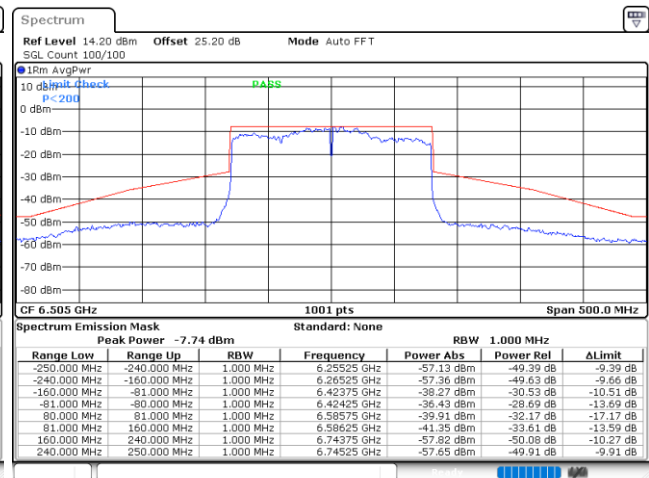
Date: 21.JUN.2021 17:02:19

Plot on Channel 6345MHz

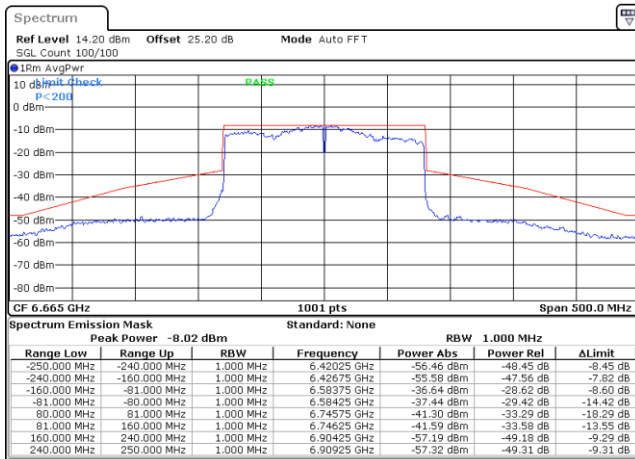


Date: 21.JUN.2021 17:04:26

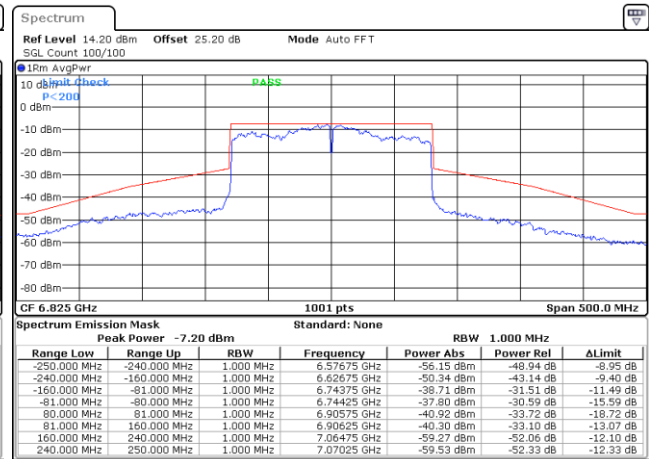
Plot on Channel 6505MHz



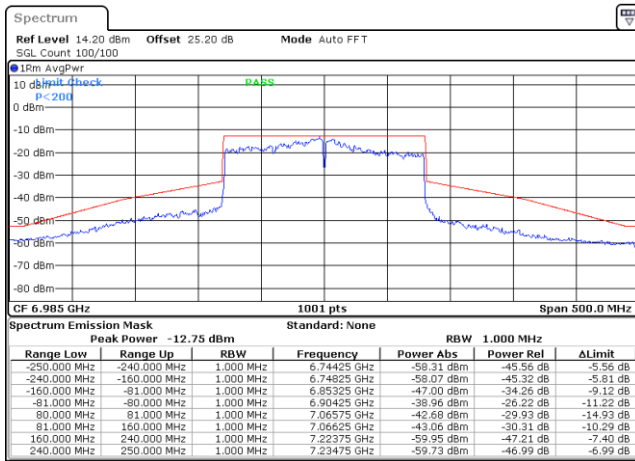
Date: 21.JUN.2021 17:06:42

**Plot on Channel 6665MHz**

Date: 21.JUN.2021 17:16:38

Plot on Channel 6825MHz

Date: 21.JUN.2021 17:19:20

Plot on Channel 6985MHz

Date: 21.JUN.2021 17:25:32

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

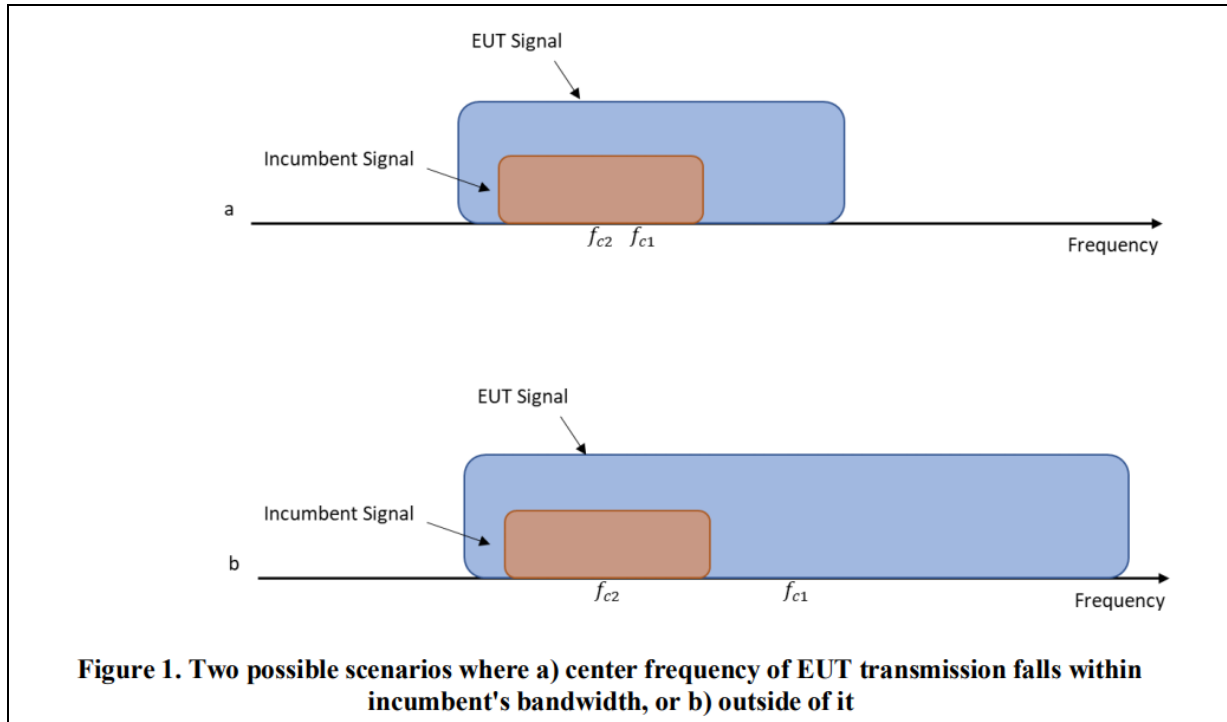
where:

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

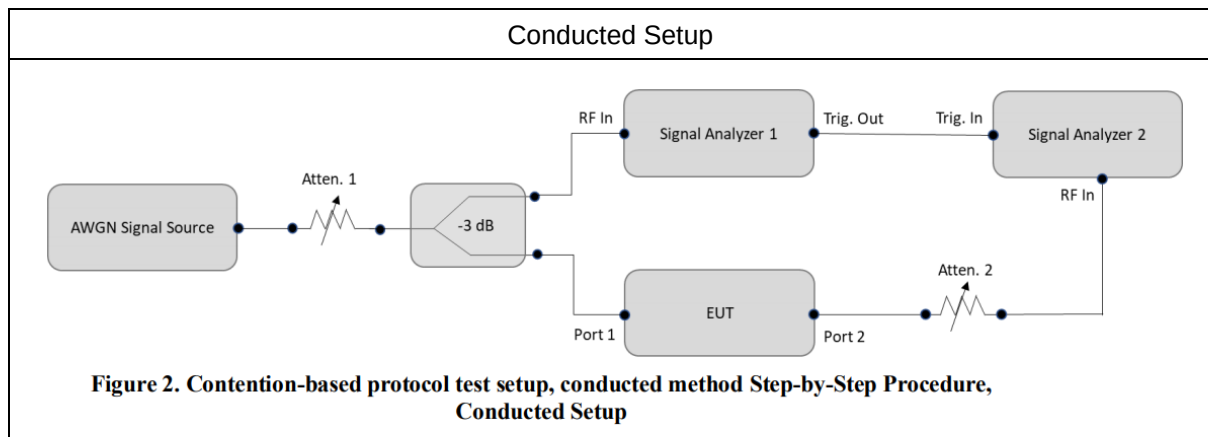
See list of measuring equipment of this test report.

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

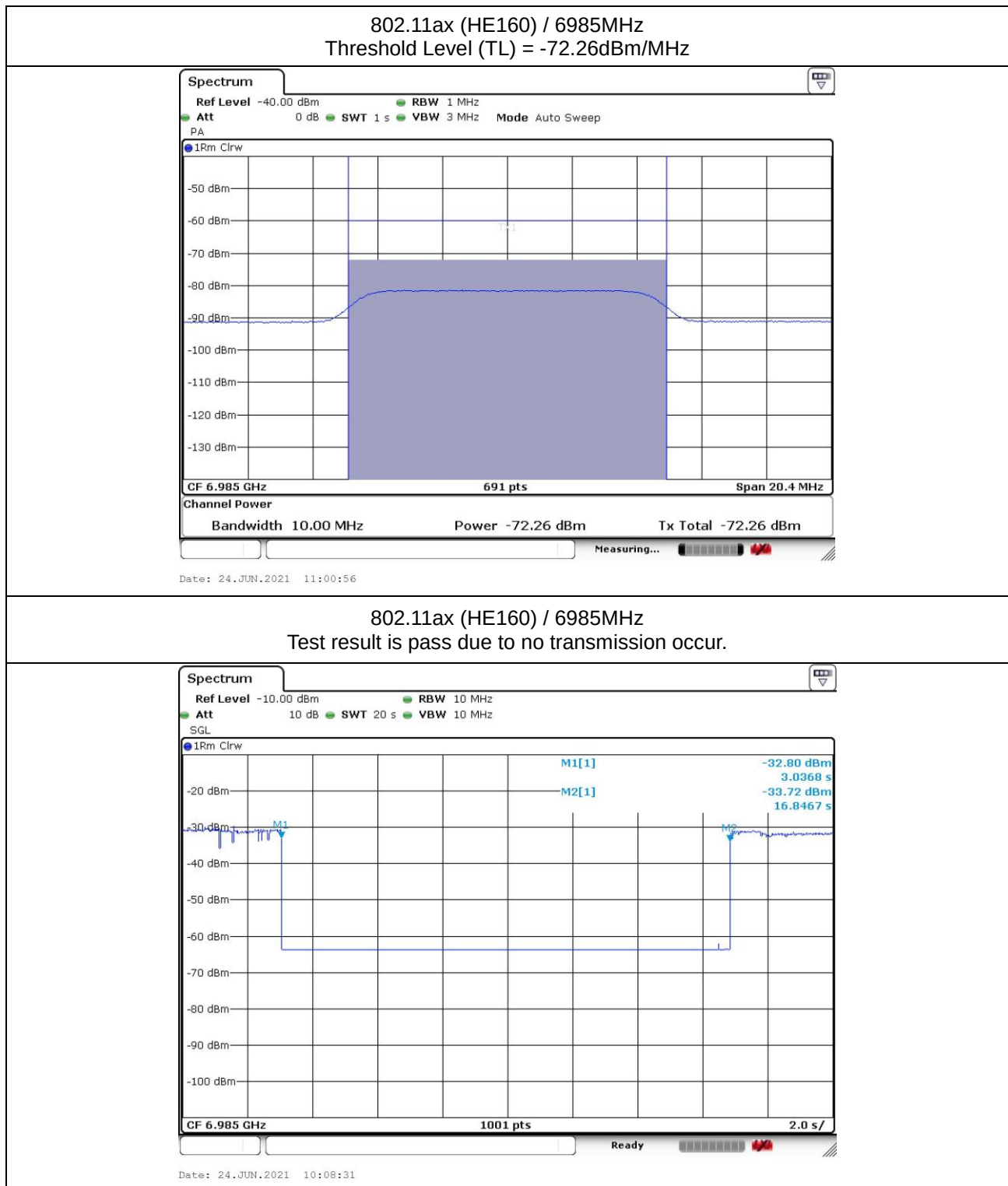
3.5.6 Test Summary of Contention Based Protocol Test

<Normal mode – WLAN Ant. 1+2>

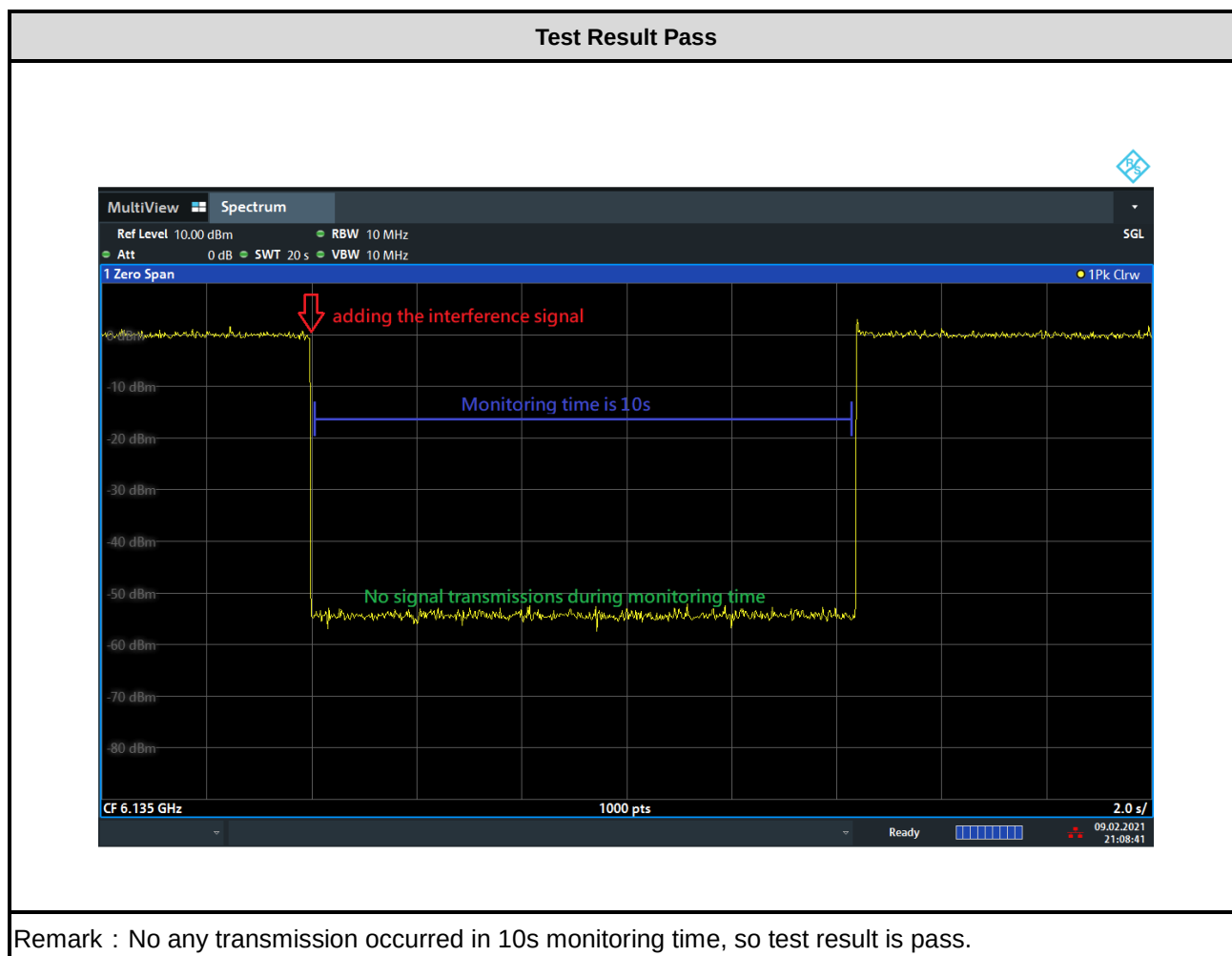
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-78.61	100	-65.2	13.41
	6185	160	6110	-74.74	100	-65.2	9.54
			6185	-73.23	100	-65.2	8.03
			6260	-78.12	100	-65.2	12.92
UNII Band 6	6455	20	6455	-79.10	100	-65.2	14.10
	6505	160	6430	-75.99	100	-65.2	10.99
			6505	-72.33	100	-65.2	7.33
			6580	-75.22	100	-65.2	10.22
UNII Band 7	6695	20	6695	-75.37	100	-65.4	9.97
	6665	160	6590	-75.61	100	-65.4	10.21
			6665	-71.80	100	-65.4	6.40
			6740	-76.44	100	-65.4	11.04
UNII Band 8	7015	20	7015	-77.82	100	-67.5	10.32
	6985	160	6910	-77.36	100	-67.5	9.86
			6985	-72.26	100	-67.5	4.76
			7060	-72.96	100	-67.5	5.46

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

3.5.7 Worst Case Plots of Contention Based Protocol



Example of test result



3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

3.6.2 Measuring Instruments

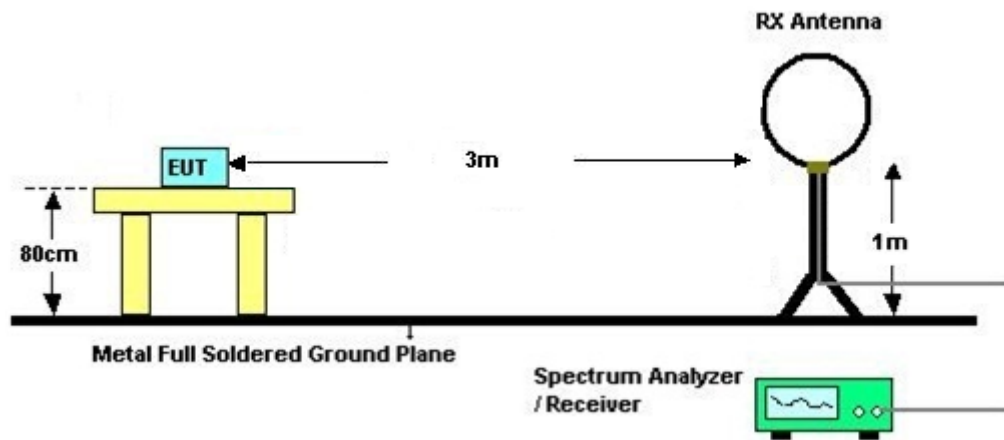
See list of measuring equipment of this test report.

3.6.3 Test Procedures

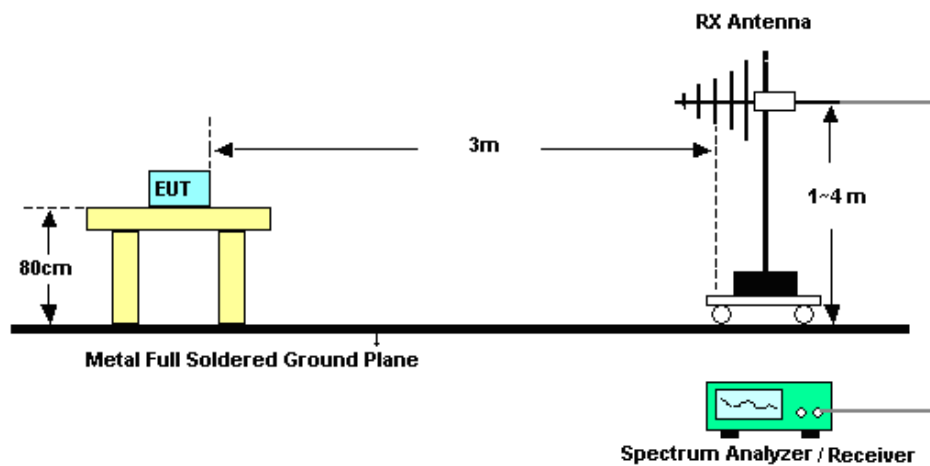
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak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

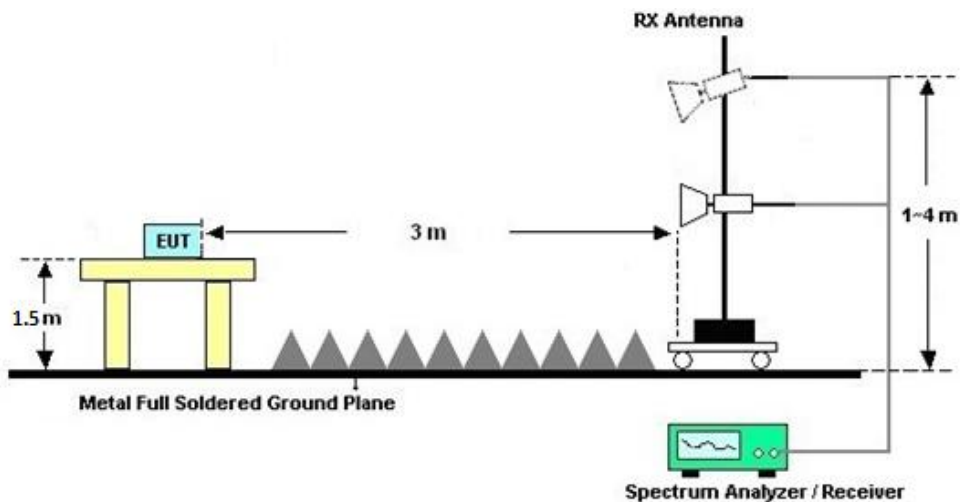
For radiated emissions below 30MHz



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

*Decreases with the logarithm of the frequency.

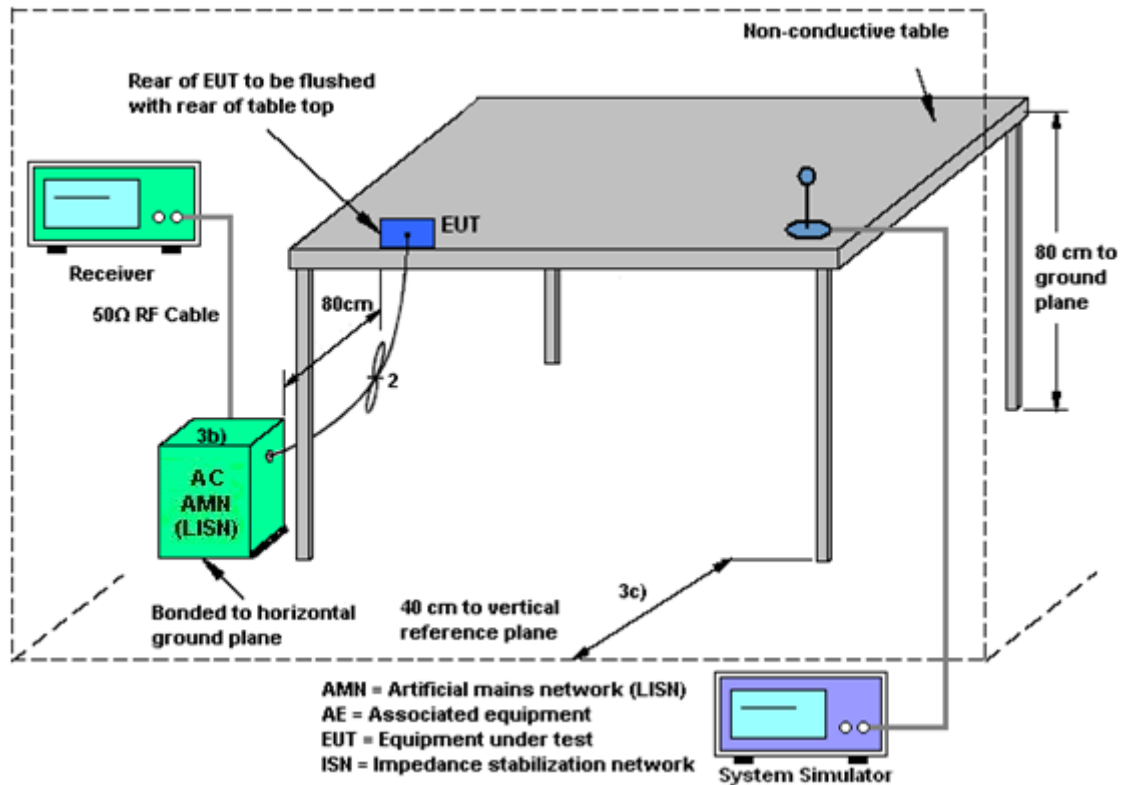
3.7.2 Measuring Instruments

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 = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

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	-3.20	-2.70	0.06	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	Jul. 21, 2021~ Jul. 25, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	Jul. 21, 2021~ Jul. 25, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	Jul. 21, 2021~ Jul. 25, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 17, 2021	Jul. 01, 2021	Apr. 16, 2022	Radiation (03CH03-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 17, 2021	Jul. 01, 2021	Apr. 16, 2022	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2021	Jul. 01, 2021	Jun. 21, 2022	Radiation (03CH03-SZ)
Bilog Antenna	TESEQ	CBL6112D	23183	25MHz~2GHz	Jan. 07, 2021	Jul. 01, 2021	Jan. 06, 2022	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 25, 2021	Jul. 01, 2021	Apr. 24, 2022	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 23, 2021	Jul. 01, 2021	Apr. 22, 2022	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz~3000MHz	Oct. 17, 2020	Jul. 01, 2021	Oct. 16, 2021	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 16, 2020	Jul. 01, 2021	Oct. 15, 2021	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5G Hz	Dec. 25, 2020	Jul. 01, 2021	Dec. 24, 2021	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21, 2020	Jul. 01, 2021	Jul. 20, 2021	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 07, 2021	Jun. 08, 2021	Mar. 06, 2022	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2 LISN	00103912	9kHz~30MHz	Dec. 25, 2020	Jun. 08, 2021	Dec. 24, 2021	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 15, 2020	Jun. 08, 2021	Oct. 14, 2021	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 21, 2020	Jun. 08, 2021	Jul. 20, 2021	Conduction (CO01-SZ)
Signal Analyzer	R&S	FSV7	101473	10Hz~7GHz	Dec. 27, 2020	Jun. 24, 2021	Dec. 26, 2021	CBP (DFS01-SZ)
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200424	9kHz~6GHz	Dec. 27, 2020	Jun. 24, 2021	Dec. 26, 2021	CBP (DFS01-SZ)
Combiner	TOJOIN	PS-2AM-0460	SZE14011007	0.4~6GHz	Sep. 04, 2020	Jun. 24, 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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

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



Appendix A. Conducted Test Results

Test Engineer:	Liu Qiu Qiu	Temperature:	21~25	°C
Test Date:	2021/6/21~2021/6/25	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 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	17.03	16.98	21.10	20.25	
11a	6Mbps	2	6175	17.03	17.03	20.50	20.65	
11a	6Mbps	2	6415	17.03	16.98	21.10	20.55	
HT20	MCS0	2	5955	18.08	18.13	21.70	21.80	
HT20	MCS0	2	6175	18.03	18.13	21.65	22.15	
HT20	MCS0	2	6415	18.08	18.08	21.55	21.60	
HT40	MCS0	2	5965	36.16	36.26	40.50	40.50	
HT40	MCS0	2	6165	36.26	36.46	41.13	40.86	
HT40	MCS0	2	6405	36.16	36.46	40.77	41.22	
VHT80	MCS0	2	5985	75.04	74.93	81.60	80.80	
VHT80	MCS0	2	6145	74.93	74.93	80.80	80.96	
VHT80	MCS0	2	6385	75.04	75.04	81.60	81.76	
VHT160	MCS0	2	6025	153.21	153.45	163.76	163.20	
VHT160	MCS0	2	6185	153.93	153.45	163.20	162.56	
VHT160	MCS0	2	6345	153.93	153.93	162.88	165.44	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO									
Mod.	Data Rate	N _{TX}	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	19.28	19.28	22.30	22.25	
HE20	MCS0	2	6175	Full	19.23	19.28	22.15	22.30	
HE20	MCS0	2	6415	Full	19.23	19.28	22.25	22.30	
HE40	MCS0	2	5965	Full	37.66	37.96	41.40	41.31	
HE40	MCS0	2	6165	Full	37.86	38.06	41.13	41.85	
HE40	MCS0	2	6405	Full	37.86	38.06	41.40	41.76	
HE80	MCS0	2	5985	Full	76.60	76.72	81.60	81.44	
HE80	MCS0	2	6145	Full	76.48	76.72	81.44	82.24	
HE80	MCS0	2	6385	Full	76.72	76.84	81.44	82.08	
HE160	MCS0	2	6025	Full	154.89	154.65	164.80	164.48	
HE160	MCS0	2	6185	Full	155.60	153.69	164.16	161.92	
HE160	MCS0	2	6345	Full	155.36	154.17	164.80	162.56	

TEST RESULTS DATA
EIRP Power Table

U-NII-5 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	0.03	0.03	5.30	5.28	8.30	-2.00		6.30	24.00	Pass
11a	6Mbps	2	6175	0.03	0.03	6.18	4.67	8.50	-2.00		6.50	24.00	Pass
11a	6Mbps	2	6415	0.03	0.03	5.69	5.56	8.64	-2.00		6.64	24.00	Pass
HT20	MCS0	2	5955	0.00	0.00	5.30	5.51	8.42	-2.00		6.42	24.00	Pass
HT20	MCS0	2	6175	0.00	0.00	6.60	5.06	8.91	-2.00		6.91	24.00	Pass
HT20	MCS0	2	6415	0.00	0.00	5.70	5.83	8.78	-2.00		6.78	24.00	Pass
HT40	MCS0	2	5965	0.00	0.00	8.42	8.63	11.54	-2.00		9.54	24.00	Pass
HT40	MCS0	2	6165	0.00	0.00	9.12	7.39	11.35	-2.00		9.35	24.00	Pass
HT40	MCS0	2	6405	0.00	0.00	8.17	8.00	11.10	-2.00		9.10	24.00	Pass
VHT20	MCS0	2	5955	0.00	0.00	5.29	5.50	8.41	-2.00		6.41	24.00	Pass
VHT20	MCS0	2	6175	0.00	0.00	6.58	5.04	8.89	-2.00		6.89	24.00	Pass
VHT20	MCS0	2	6415	0.00	0.00	5.68	5.80	8.75	-2.00		6.75	24.00	Pass
VHT40	MCS0	2	5965	0.00	0.00	8.40	8.60	11.51	-2.00		9.51	24.00	Pass
VHT40	MCS0	2	6165	0.00	0.00	9.10	7.30	11.30	-2.00		9.30	24.00	Pass
VHT40	MCS0	2	6405	0.00	0.00	8.16	7.98	11.08	-2.00		9.08	24.00	Pass
VHT80	MCS0	2	5985	0.00	0.00	10.99	10.66	13.84	-2.00		11.84	24.00	Pass
VHT80	MCS0	2	6145	0.00	0.00	11.38	10.00	13.75	-2.00		11.75	24.00	Pass
VHT80	MCS0	2	6385	0.00	0.00	11.12	10.55	13.85	-2.00		11.85	24.00	Pass
VHT160	MCS0	2	6025	0.00	0.00	11.36	11.05	14.22	-2.00		12.22	24.00	Pass
VHT160	MCS0	2	6185	0.00	0.00	11.83	10.09	14.06	-2.00		12.06	24.00	Pass
VHT160	MCS0	2	6345	0.00	0.00	11.15	10.13	13.68	-2.00		11.68	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 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	SUM		
HE20	MCS0	2	5955	Full	0.00	0.00	5.49	5.88	8.70	-2.00		6.70	24.00	Pass
HE20	MCS0	2	5955	26/0	0.00	0.00	-2.20	-3.48	0.22	-2.00		-1.78	24.00	Pass
HE20	MCS0	2	5955	52/37	0.00	0.00	-0.48	-1.18	2.19	-2.00		0.19	24.00	Pass
HE20	MCS0	2	5955	106/53	0.00	0.00	2.31	2.10	5.22	-2.00		3.22	24.00	Pass
HE20	MCS0	2	6175	Full	0.00	0.00	6.78	4.75	8.89	-2.00		6.89	24.00	Pass
HE20	MCS0	2	6415	Full	0.00	0.00	5.91	5.64	8.79	-2.00		6.79	24.00	Pass
HE20	MCS0	2	6415	26/8	0.00	0.00	-1.98	-4.18	0.07	-2.00		-1.93	24.00	Pass
HE20	MCS0	2	6415	52/40	0.00	0.00	0.22	-2.30	2.15	-2.00		0.15	24.00	Pass
HE20	MCS0	2	6415	106/54	0.00	0.00	2.52	1.90	5.23	-2.00		3.23	24.00	Pass
HE40	MCS0	2	5965	Full	0.00	0.00	8.89	8.55	11.73	-2.00		9.73	24.00	Pass
HE40	MCS0	2	5965	242/61	0.00	0.00	7.65	5.49	9.71	-2.00		7.71	24.00	Pass
HE40	MCS0	2	6165	Full	0.00	0.00	9.38	7.37	11.50	-2.00		9.50	24.00	Pass
HE40	MCS0	2	6405	Full	0.00	0.00	8.96	8.50	11.75	-2.00		9.75	24.00	Pass
HE40	MCS0	2	6405	242/62	0.00	0.00	7.36	6.52	9.97	-2.00		7.97	24.00	Pass
HE80	MCS0	2	5985	Full	0.00	0.00	11.08	10.90	14.00	-2.00		12.00	24.00	Pass
HE80	MCS0	2	5985	484/65	0.00	0.00	10.28	9.59	12.96	-2.00		10.96	24.00	Pass
HE80	MCS0	2	6145	Full	0.00	0.00	11.78	10.30	14.11	-2.00		12.11	24.00	Pass
HE80	MCS0	2	6385	Full	0.00	0.00	11.02	10.50	13.78	-2.00		11.78	24.00	Pass
HE80	MCS0	2	6385	484/66	0.00	0.00	10.02	9.12	12.60	-2.00		10.60	24.00	Pass
HE160	MCS0	2	6025	Full	0.00	0.00	11.40	11.05	14.24	-2.00		12.24	24.00	Pass
HE160	MCS0	2	6025	996/67	0.00	0.00	9.60	8.31	12.01	-2.00		10.01	24.00	Pass
HE160	MCS0	2	6185	Full	0.00	0.00	11.90	10.13	14.11	-2.00		12.11	24.00	Pass
HE160	MCS0	2	6345	Full	0.00	0.00	11.16	10.16	13.70	-2.00		11.70	24.00	Pass
HE160	MCS0	2	6345	996/S67	0.00	0.00	8.79	7.83	11.35	-2.00		9.35	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO											
Mod.	Data Rate	NTx	Freq. (MHz)	Conducted Power Density (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		-1.95	0.43	-1.52	-1.00	Pass		
11a	6Mbps	2	6175		-1.90	0.43	-1.47	-1.00	Pass		
11a	6Mbps	2	6415		-1.84	0.43	-1.41	-1.00	Pass		
HT20	MCS0	2	5955		-2.18	0.43	-1.75	-1.00	Pass		
HT20	MCS0	2	6175		-1.89	0.43	-1.46	-1.00	Pass		
HT20	MCS0	2	6415		-2.03	0.43	-1.59	-1.00	Pass		
HT40	MCS0	2	5965		-1.83	0.43	-1.40	-1.00	Pass		
HT40	MCS0	2	6165		-2.04	0.43	-1.60	-1.00	Pass		
HT40	MCS0	2	6405		-2.27	0.43	-1.84	-1.00	Pass		
VHT80	MCS0	2	5985		-1.99	0.43	-1.56	-1.00	Pass		
VHT80	MCS0	2	6145		-2.03	0.43	-1.59	-1.00	Pass		
VHT80	MCS0	2	6385		-1.95	0.43	-1.52	-1.00	Pass		
VHT160	MCS0	2	6025		-4.63	0.43	-4.19	-1.00	Pass		
VHT160	MCS0	2	6185		-4.76	0.43	-4.33	-1.00	Pass		
VHT160	MCS0	2	6345		-5.25	0.43	-4.82	-1.00	Pass		

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (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	5955	Full	0.00	0.00		-2.25	0.43	-1.82	-1.00	Pass		
HE20	MCS0	2	5955	26/0	0.00	0.00		-2.68	0.43	-2.25	-1.00	Pass		
HE20	MCS0	2	5955	52/37	0.00	0.00		-3.01	0.43	-2.58	-1.00	Pass		
HE20	MCS0	2	5955	106/53	0.00	0.00		-2.97	0.43	-2.53	-1.00	Pass		
HE20	MCS0	2	6175	Full	0.00	0.00		-1.88	0.43	-1.44	-1.00	Pass		
HE20	MCS0	2	6415	Full	0.00	0.00		-2.17	0.43	-1.73	-1.00	Pass		
HE20	MCS0	2	6415	26/8	0.00	0.00		-2.69	0.43	-2.25	-1.00	Pass		
HE20	MCS0	2	6415	52/40	0.00	0.00		-2.92	0.43	-2.49	-1.00	Pass		
HE20	MCS0	2	6415	106/54	0.00	0.00		-2.84	0.43	-2.40	-1.00	Pass		
HE40	MCS0	2	5965	Full	0.00	0.00		-1.72	0.43	-1.29	-1.00	Pass		
HE40	MCS0	2	5965	242/61	0.00	0.00		-1.90	0.43	-1.47	-1.00	Pass		
HE40	MCS0	2	6165	Full	0.00	0.00		-2.03	0.43	-1.60	-1.00	Pass		
HE40	MCS0	2	6405	Full	0.00	0.00		-1.77	0.43	-1.34	-1.00	Pass		
HE40	MCS0	2	6405	242/62	0.00	0.00		-1.79	0.43	-1.35	-1.00	Pass		
HE80	MCS0	2	5985	Full	0.00	0.00		-1.82	0.43	-1.39	-1.00	Pass		
HE80	MCS0	2	5985	484/65	0.00	0.00		-2.12	0.43	-1.69	-1.00	Pass		
HE80	MCS0	2	6145	Full	0.00	0.00		-1.66	0.43	-1.23	-1.00	Pass		
HE80	MCS0	2	6385	Full	0.00	0.00		-2.09	0.43	-1.66	-1.00	Pass		
HE80	MCS0	2	6385	484/66	0.00	0.00		-2.61	0.43	-2.18	-1.00	Pass		
HE160	MCS0	2	6025	Full	0.00	0.00		-4.73	0.43	-4.30	-1.00	Pass		
HE160	MCS0	2	6025	996/67	0.00	0.00	-5.55	0.43	-5.12	-1.00	Pass			
HE160	MCS0	2	6185	Full	0.00	0.00	-4.76	0.43	-4.33	-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	-5.82	0.43	-5.39	-1.00	Pass			

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 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	16.98	16.93	20.90	20.70	
11a	6Mbps	2	6475	16.98	16.98	20.90	20.80	
11a	6Mbps	2	6515	17.03	16.93	20.75	20.30	
HT20	MCS0	2	6435	18.08	18.08	21.80	21.45	
HT20	MCS0	2	6475	18.08	18.13	21.85	21.90	
HT20	MCS0	2	6515	18.18	18.18	22.20	21.70	
HT40	MCS0	2	6445	36.26	36.16	40.95	40.68	
HT40	MCS0	2	6485	36.26	36.26	40.86	40.59	
HT40	MCS0	2	6525	36.36	36.36	41.22	40.95	
VHT80	MCS0	2	6465	75.04	74.93	81.76	80.96	
VHT80	MCS0	2	6545	74.93	74.93	81.76	81.12	
VHT160	MCS0	2	6505	153.45	153.93	162.88	165.12	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO									
Mod.	Data Rate	N _{TX}	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	19.23	19.23	22.10	22.05	
HE20	MCS0	2	6475	Full	19.18	19.28	22.25	22.30	
HE20	MCS0	2	6515	Full	19.23	19.33	22.30	22.25	
HE40	MCS0	2	6445	Full	37.86	37.96	41.22	41.49	
HE40	MCS0	2	6485	Full	37.86	37.96	41.22	41.58	
HE40	MCS0	2	6525	Full	37.96	37.96	42.03	41.04	
HE80	MCS0	2	6465	Full	76.72	76.84	81.76	81.76	
HE80	MCS0	2	6545	Full	76.60	76.72	81.60	81.28	
HE160	MCS0	2	6505	Full	155.12	155.12	163.52	164.16	

TEST RESULTS DATA
EIRP Power Table

U-NII-6 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	SUM		
11a	6Mbps	2	6435	0.03	0.03	5.55	5.28	8.43	-2.70		5.73	24.00	Pass
11a	6Mbps	2	6475	0.03	0.03	6.02	5.43	8.75	-2.70		6.05	24.00	Pass
11a	6Mbps	2	6515	0.03	0.03	6.26	5.11	8.73	-2.70		6.03	24.00	Pass
HT20	MCS0	2	6435	0.00	0.00	5.98	5.72	8.86	-2.70		6.16	24.00	Pass
HT20	MCS0	2	6475	0.00	0.00	6.02	5.76	8.90	-2.70		6.20	24.00	Pass
HT20	MCS0	2	6515	0.00	0.00	6.33	5.55	8.97	-2.70		6.27	24.00	Pass
HT40	MCS0	2	6445	0.00	0.00	9.38	8.57	12.00	-2.70		9.30	24.00	Pass
HT40	MCS0	2	6485	0.00	0.00	9.33	8.47	11.93	-2.70		9.23	24.00	Pass
HT40	MCS0	2	6525	0.00	0.00	9.98	8.00	12.11	-2.70		9.41	24.00	Pass
VHT20	MCS0	2	6435	0.00	0.00	5.95	5.70	8.84	-2.70		6.14	24.00	Pass
VHT20	MCS0	2	6475	0.00	0.00	6.00	5.74	8.88	-2.70		6.18	24.00	Pass
VHT20	MCS0	2	6515	0.00	0.00	6.30	5.52	8.94	-2.70		6.24	24.00	Pass
VHT40	MCS0	2	6445	0.00	0.00	9.36	8.55	11.98	-2.70		9.28	24.00	Pass
VHT40	MCS0	2	6485	0.00	0.00	9.31	8.46	11.92	-2.70		9.22	24.00	Pass
VHT40	MCS0	2	6525	0.00	0.00	9.88	7.98	12.04	-2.70		9.34	24.00	Pass
VHT80	MCS0	2	6465	0.00	0.00	11.15	10.65	13.92	-2.70		11.22	24.00	Pass
VHT80	MCS0	2	6545	0.00	0.00	11.64	9.75	13.81	-2.70		11.11	24.00	Pass
VHT160	MCS0	2	6505	0.00	0.00	11.50	9.97	13.81	-2.70		11.11	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 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	6.21	5.90	9.07	-2.70	6.37	24.00	Pass	
HE20	MCS0	2	097	6435	26/0	0.00	0.00	-1.70	-2.87	0.76	-2.70	-1.94	24.00	Pass	
HE20	MCS0	2	097	6435	52/37	0.00	0.00	0.38	-0.52	2.96	-2.70	0.26	24.00	Pass	
HE20	MCS0	2	097	6435	106/53	0.00	0.00	3.77	2.86	6.35	-2.70	3.65	24.00	Pass	
HE20	MCS0	2	105	6475	Full	0.00	0.00	6.26	6.10	9.19	-2.70	6.49	24.00	Pass	
HE20	MCS0	2	113	6515	Full	0.00	0.00	6.44	5.43	8.97	-2.70	6.27	24.00	Pass	
HE20	MCS0	2	113	6515	26/8	0.00	0.00	-1.37	-4.40	0.38	-2.70	-2.32	24.00	Pass	
HE20	MCS0	2	113	6515	52/40	0.00	0.00	1.05	-1.14	3.10	-2.70	0.40	24.00	Pass	
HE20	MCS0	2	113	6515	106/54	0.00	0.00	3.76	1.55	5.80	-2.70	3.10	24.00	Pass	
HE40	MCS0	2	099	6445	Full	0.00	0.00	9.00	8.20	11.63	-2.70	8.93	24.00	Pass	
HE40	MCS0	2	099	6445	242/61	0.00	0.00	7.32	5.90	9.68	-2.70	6.98	24.00	Pass	
HE40	MCS0	2	107	6485	Full	0.00	0.00	9.01	8.14	11.61	-2.70	8.91	24.00	Pass	
HE40	MCS0	2	107	6485	242/62	0.00	0.00	7.54	6.20	9.93	-2.70	7.23	24.00	Pass	
HE40	MCS0	2	115	6525	Full	0.00	0.00	9.60	7.69	11.76	-2.70	9.06	24.00	Pass	
HE40	MCS0	2	115	6525	242/62	0.00	0.00	7.40	4.82	9.31	-2.70	6.61	24.00	Pass	
HE80	MCS0	2	103	6465	Full	0.00	0.00	11.09	10.62	13.87	-2.70	11.17	24.00	Pass	
HE80	MCS0	2	103	6465	484/65	0.00	0.00	10.41	9.24	12.87	-2.70	10.17	24.00	Pass	
HE80	MCS0	2	119	6545	Full	0.00	0.00	11.92	10.17	14.14	-2.70	11.44	24.00	Pass	
HE80	MCS0	2	119	6545	484/66	0.00	0.00	11.19	9.21	13.32	-2.70	10.62	24.00	Pass	
HE160	MCS0	2	111	6505	Full	0.00	0.00	11.40	10.01	13.77	-2.70	11.07	24.00	Pass	
HE160	MCS0	2	111	6505	996/67	0.00	0.00	8.40	6.98	10.76	-2.70	8.06	24.00	Pass	
HE160	MCS0	2	111	6505	996/S67	0.00	0.00	8.86	6.74	10.94	-2.70	8.24	24.00	Pass	

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (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	0.03	0.03			-1.95	0.06		-1.88	-1.00	Pass
11a	6Mbps	2	6475	0.03	0.03			-1.58	0.06		-1.52	-1.00	Pass
11a	6Mbps	2	6515	0.03	0.03			-1.41	0.06		-1.35	-1.00	Pass
HT20	MCS0	2	6435	0.00	0.00			-1.59	0.06		-1.53	-1.00	Pass
HT20	MCS0	2	6475	0.00	0.00			-1.71	0.06		-1.65	-1.00	Pass
HT20	MCS0	2	6515	0.00	0.00			-1.56	0.06		-1.50	-1.00	Pass
HT40	MCS0	2	6445	0.00	0.00			-1.28	0.06		-1.22	-1.00	Pass
HT40	MCS0	2	6485	0.00	0.00			-1.33	0.06		-1.26	-1.00	Pass
HT40	MCS0	2	6525	0.00	0.00			-1.46	0.06		-1.39	-1.00	Pass
VHT80	MCS0	2	6465	0.00	0.00			-1.96	0.06		-1.90	-1.00	Pass
VHT80	MCS0	2	6545	0.00	0.00			-1.65	0.06		-1.58	-1.00	Pass
VHT160	MCS0	2	6505	0.00	0.00			-5.01	0.06		-4.95	-1.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (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	6435	Full	0.00	0.00		-1.60	0.06	-1.54	-1.00	Pass		
HE20	MCS0	2	6435	26/0	0.00	0.00		-1.77	0.06	-1.71	-1.00	Pass		
HE20	MCS0	2	6435	52/37	0.00	0.00		-2.10	0.06	-2.04	-1.00	Pass		
HE20	MCS0	2	6435	106/53	0.00	0.00		-1.65	0.06	-1.58	-1.00	Pass		
HE20	MCS0	2	6475	Full	0.00	0.00		-1.74	0.06	-1.68	-1.00	Pass		
HE20	MCS0	2	6515	Full	0.00	0.00		-1.61	0.06	-1.54	-1.00	Pass		
HE20	MCS0	2	6515	26/8	0.00	0.00		-2.11	0.06	-2.05	-1.00	Pass		
HE20	MCS0	2	6515	52/40	0.00	0.00		-1.86	0.06	-1.80	-1.00	Pass		
HE20	MCS0	2	6515	106/54	0.00	0.00		-2.06	0.06	-2.00	-1.00	Pass		
HE40	MCS0	2	6445	Full	0.00	0.00		-1.70	0.06	-1.64	-1.00	Pass		
HE40	MCS0	2	6445	242/61	0.00	0.00		-1.90	0.06	-1.84	-1.00	Pass		
HE40	MCS0	2	6485	Full	0.00	0.00		-1.80	0.06	-1.73	-1.00	Pass		
HE40	MCS0	2	6485	242/62	0.00	0.00		-2.07	0.06	-2.00	-1.00	Pass		
HE40	MCS0	2	6525	Full	0.00	0.00		-1.49	0.06	-1.43	-1.00	Pass		
HE40	MCS0	2	6525	242/62	0.00	0.00		-1.79	0.06	-1.73	-1.00	Pass		
HE80	MCS0	2	6465	Full	0.00	0.00		-1.99	0.06	-1.92	-1.00	Pass		
HE80	MCS0	2	6465	484/65	0.00	0.00	-2.12	0.06	-2.06	-1.00	Pass			
HE80	MCS0	2	6545	Full	0.00	0.00	-1.36	0.06	-1.30	-1.00	Pass			
HE80	MCS0	2	6545	484/66	0.00	0.00	-1.85	0.06	-1.79	-1.00	Pass			
HE160	MCS0	2	6505	Full	0.00	0.00	-5.14	0.06	-5.07	-1.00	Pass			
HE160	MCS0	2	6505	996/67	0.00	0.00	-5.69	0.06	-5.63	-1.00	Pass			
HE160	MCS0	2	6505	996/S67	0.00	0.00	-5.79	0.06	-5.72	-1.00	Pass			

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO								
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6535	16.93	16.93	21.15	20.45	
11a	6Mbps	2	6695	16.93	16.88	20.80	20.70	
11a	6Mbps	2	6855	17.03	17.03	20.80	20.40	
HT20	MCS0	2	6535	18.03	18.08	21.75	21.70	
HT20	MCS0	2	6695	17.98	18.13	21.75	21.80	
HT20	MCS0	2	6855	18.08	18.13	21.65	21.80	
HT40	MCS0	2	6565	36.06	36.06	40.86	40.59	
HT40	MCS0	2	6685	36.26	36.26	40.77	40.95	
HT40	MCS0	2	6845	36.16	36.46	40.59	40.95	
VHT80	MCS0	2	6625	75.04	75.04	82.08	81.44	
VHT80	MCS0	2	6705	75.04	75.04	81.60	81.28	
VHT80	MCS0	2	6785	75.04	74.93	81.60	80.80	
VHT80	MCS0	2	6865	75.04	74.93	80.48	81.44	
VHT160	MCS0	2	6665	152.97	153.69	162.24	163.36	
VHT160	MCS0	2	6825	153.21	153.69	161.92	163.20	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO									
Mod.	Data Rate	N _{TX}	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	19.23	19.28	22.10	22.20	
HE20	MCS0	2	6695	Full	19.28	19.28	22.15	22.50	
HE20	MCS0	2	6855	Full	19.33	19.28	22.20	22.45	
HE40	MCS0	2	6565	Full	37.86	37.96	41.40	41.22	
HE40	MCS0	2	6685	Full	37.96	37.96	41.58	41.22	
HE40	MCS0	2	6845	Full	37.86	37.96	41.31	41.40	
HE80	MCS0	2	6625	Full	76.60	76.72	81.60	82.08	
HE80	MCS0	2	6705	Full	76.72	76.84	81.76	81.92	
HE80	MCS0	2	6785	Full	76.60	76.84	80.96	82.08	
HE80	MCS0	2	6865	Full	76.84	76.60	81.28	81.12	
HE160	MCS0	2	6665	Full	154.65	154.65	162.88	162.88	
HE160	MCS0	2	6825	Full	155.12	155.84	163.52	165.44	

TEST RESULTS DATA
EIRP Power Table

U-NII-7 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	SUM		
11a	6Mbps	2	6535	0.03	0.03	6.51	5.55	9.07	-3.00		6.07	24.00	Pass
11a	6Mbps	2	6695	0.03	0.03	6.21	5.47	8.87	-3.00		5.87	24.00	Pass
11a	6Mbps	2	6855	0.03	0.03	6.19	4.78	8.55	-3.00		5.55	24.00	Pass
HT20	MCS0	2	6535	0.00	0.00	6.60	5.53	9.11	-3.00		6.11	24.00	Pass
HT20	MCS0	2	6695	0.00	0.00	6.48	5.54	9.05	-3.00		6.05	24.00	Pass
HT20	MCS0	2	6855	0.00	0.00	6.97	5.58	9.34	-3.00		6.34	24.00	Pass
HT40	MCS0	2	6565	0.00	0.00	8.61	7.26	11.00	-3.00		8.00	24.00	Pass
HT40	MCS0	2	6685	0.00	0.00	8.80	6.96	10.99	-3.00		7.99	24.00	Pass
HT40	MCS0	2	6845	0.00	0.00	9.51	7.12	11.49	-3.00		8.49	24.00	Pass
VHT20	MCS0	2	6535	0.00	0.00	6.57	5.50	9.08	-3.00		6.08	24.00	Pass
VHT20	MCS0	2	6695	0.00	0.00	6.46	5.52	9.03	-3.00		6.03	24.00	Pass
VHT20	MCS0	2	6855	0.00	0.00	6.95	5.56	9.32	-3.00		6.32	24.00	Pass
VHT40	MCS0	2	6565	0.00	0.00	8.60	7.25	10.99	-3.00		7.99	24.00	Pass
VHT40	MCS0	2	6685	0.00	0.00	8.78	6.92	10.96	-3.00		7.96	24.00	Pass
VHT40	MCS0	2	6845	0.00	0.00	9.50	7.10	11.47	-3.00		8.47	24.00	Pass
VHT80	MCS0	2	6625	0.00	0.00	10.82	10.31	13.58	-3.00		10.58	24.00	Pass
VHT80	MCS0	2	6705	0.00	0.00	11.48	9.47	13.60	-3.00		10.60	24.00	Pass
VHT80	MCS0	2	6785	0.00	0.00	11.57	9.54	13.68	-3.00		10.68	24.00	Pass
VHT80	MCS0	2	6865	0.00	0.00	11.97	10.11	14.15	-3.00		11.15	24.00	Pass
VHT160	MCS0	2	6665	0.00	0.00	11.51	10.25	13.94	-3.00		10.94	24.00	Pass
VHT160	MCS0	2	6825	0.00	0.00	12.30	10.20	14.39	-3.00		11.39	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 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	SUM		
HE20	MCS0	2	6535	Full	0.00	0.00	7.01	5.76	9.44	-3.00		6.44	24.00	Pass
HE20	MCS0	2	6535	26/0	0.00	0.00	-1.68	-3.21	0.63	-3.00		-2.37	24.00	Pass
HE20	MCS0	2	6535	52/37	0.00	0.00	1.33	-0.63	3.47	-3.00		0.47	24.00	Pass
HE20	MCS0	2	6535	106/53	0.00	0.00	4.45	2.67	6.66	-3.00		3.66	24.00	Pass
HE20	MCS0	2	6695	Full	0.00	0.00	6.88	5.74	9.36	-3.00		6.36	24.00	Pass
HE20	MCS0	2	6855	Full	0.00	0.00	7.02	5.50	9.34	-3.00		6.34	24.00	Pass
HE20	MCS0	2	6855	26/8	0.00	0.00	-1.80	-3.63	0.39	-3.00		-2.61	24.00	Pass
HE20	MCS0	2	6855	52/40	0.00	0.00	0.60	-1.20	2.80	-3.00		-0.20	24.00	Pass
HE20	MCS0	2	6855	106/54	0.00	0.00	3.65	2.16	5.98	-3.00		2.98	24.00	Pass
HE40	MCS0	2	6565	Full	0.00	0.00	9.40	8.10	11.81	-3.00		8.81	24.00	Pass
HE40	MCS0	2	6565	242/61	0.00	0.00	7.18	6.00	9.64	-3.00		6.64	24.00	Pass
HE40	MCS0	2	6685	Full	0.00	0.00	9.53	7.85	11.78	-3.00		8.78	24.00	Pass
HE40	MCS0	2	6845	Full	0.00	0.00	9.78	7.47	11.79	-3.00		8.79	24.00	Pass
HE40	MCS0	2	6845	242/62	0.00	0.00	7.86	6.30	10.16	-3.00		7.16	24.00	Pass
HE80	MCS0	2	6625	Full	0.00	0.00	11.38	10.90	14.16	-3.00		11.16	24.00	Pass
HE80	MCS0	2	6625	484/65	0.00	0.00	10.50	10.18	13.35	-3.00		10.35	24.00	Pass
HE80	MCS0	2	6705	Full	0.00	0.00	12.05	10.10	14.19	-3.00		11.19	24.00	Pass
HE80	MCS0	2	6785	Full	0.00	0.00	12.16	10.15	14.28	-3.00		11.28	24.00	Pass
HE80	MCS0	2	6785	484/66	0.00	0.00	11.21	9.26	13.35	-3.00		10.35	24.00	Pass
HE80	MCS0	2	6865	Full	0.00	0.00	11.98	10.15	14.17	-3.00		11.17	24.00	Pass
HE80	MCS0	2	6865	484/66	0.00	0.00	10.93	9.08	13.11	-3.00		10.11	24.00	Pass
HE160	MCS0	2	6665	Full	0.00	0.00	11.56	10.40	14.03	-3.00		11.03	24.00	Pass
HE160	MCS0	2	6665	996/67	0.00	0.00	9.34	8.53	11.96	-3.00		8.96	24.00	Pass
HE160	MCS0	2	6825	Full	0.00	0.00	12.37	10.28	14.46	-3.00		11.46	24.00	Pass
HE160	MCS0	2	6825	996/67	0.00	0.00	10.32	7.93	12.30	-3.00		9.30	24.00	Pass
HE160	MCS0	2	6826	996/S67	0.00	0.00	10.48	8.38	12.57	-3.00		9.57	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (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
11a	6Mbps	2	6535	0.03	0.03			-1.21	-0.19	-1.39	-1.00	Pass	
11a	6Mbps	2	6695	0.03	0.03			-1.30	-0.19	-1.48	-1.00	Pass	
11a	6Mbps	2	6855	0.03	0.03			-1.50	-0.19	-1.69	-1.00	Pass	
HT20	MCS0	2	6535	0.00	0.00			-1.37	-0.19	-1.55	-1.00	Pass	
HT20	MCS0	2	6695	0.00	0.00			-1.48	-0.19	-1.66	-1.00	Pass	
HT20	MCS0	2	6855	0.00	0.00			-1.61	-0.19	-1.79	-1.00	Pass	
HT40	MCS0	2	6565	0.00	0.00			-1.79	-0.19	-1.98	-1.00	Pass	
HT40	MCS0	2	6685	0.00	0.00			-1.73	-0.19	-1.92	-1.00	Pass	
HT40	MCS0	2	6845	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
VHT80	MCS0	2	6625	0.00	0.00			-1.64	-0.19	-1.83	-1.00	Pass	
VHT80	MCS0	2	6705	0.00	0.00			-1.68	-0.19	-1.87	-1.00	Pass	
VHT80	MCS0	2	6785	0.00	0.00			-1.49	-0.19	-1.67	-1.00	Pass	
VHT80	MCS0	2	6865	0.00	0.00			-1.24	-0.19	-1.43	-1.00	Pass	
VHT160	MCS0	2	6665	0.00	0.00			-4.55	-0.19	-4.73	-1.00	Pass	
VHT160	MCS0	2	6825	0.00	0.00			-4.12	-0.19	-4.31	-1.00	Pass	

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (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			-1.35	-0.19	-1.54	-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			-1.58	-0.19	-1.76	-1.00	Pass	
HE20	MCS0	2	6535	106/53	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
HE20	MCS0	2	6695	Full	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
HE20	MCS0	2	6855	Full	0.00	0.00			-1.41	-0.19	-1.60	-1.00	Pass	
HE20	MCS0	2	6855	26/8	0.00	0.00			-1.93	-0.19	-2.12	-1.00	Pass	
HE20	MCS0	2	6855	52/40	0.00	0.00			-2.26	-0.19	-2.45	-1.00	Pass	
HE20	MCS0	2	6855	106/54	0.00	0.00			-1.98	-0.19	-2.16	-1.00	Pass	
HE40	MCS0	2	6565	Full	0.00	0.00			-1.29	-0.19	-1.47	-1.00	Pass	
HE40	MCS0	2	6565	242/61	0.00	0.00			-1.81	-0.19	-1.99	-1.00	Pass	
HE40	MCS0	2	6685	Full	0.00	0.00			-1.21	-0.19	-1.39	-1.00	Pass	
HE40	MCS0	2	6845	Full	0.00	0.00			-1.42	-0.19	-1.61	-1.00	Pass	
HE40	MCS0	2	6845	242/62	0.00	0.00			-1.58	-0.19	-1.77	-1.00	Pass	
HE80	MCS0	2	6625	Full	0.00	0.00			-1.43	-0.19	-1.61	-1.00	Pass	
HE80	MCS0	2	6625	484/65	0.00	0.00			-1.45	-0.19	-1.63	-1.00	Pass	
HE80	MCS0	2	6705	Full	0.00	0.00			-1.39	-0.19	-1.57	-1.00	Pass	
HE80	MCS0	2	6785	Full	0.00	0.00			-1.30	-0.19	-1.48	-1.00	Pass	
HE80	MCS0	2	6785	484/66	0.00	0.00			-1.64	-0.19	-1.83	-1.00	Pass	
HE80	MCS0	2	6865	Full	0.00	0.00			-1.58	-0.19	-1.77	-1.00	Pass	
HE80	MCS0	2	6865	484/66	0.00	0.00		-1.94	-0.19	-2.13	-1.00	Pass		
HE160	MCS0	2	6665	Full	0.00	0.00		-4.77	-0.19	-4.96	-1.00	Pass		
HE160	MCS0	2	6665	996/67	0.00	0.00		-5.28	-0.19	-5.47	-1.00	Pass		
HE160	MCS0	2	6825	Full	0.00	0.00		-4.37	-0.19	-4.56	-1.00	Pass		
HE160	MCS0	2	6825	996/67	0.00	0.00		-4.88	-0.19	-5.06	-1.00	Pass		
HE160	MCS0	2	6826	996/S67	0.00	0.00		-5.13	-0.19	-5.32	-1.00	Pass		

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 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	16.98	20.45	20.50	
11a	6Mbps	2	6895	16.93	17.03	20.75	20.45	
11a	6Mbps	2	6995	16.73	16.83	20.40	20.10	
11a	6Mbps	2	7115	16.78	16.88	20.50	20.10	
HT20	MCS0	2	6875	18.03	18.08	21.65	21.65	
HT20	MCS0	2	6895	18.03	18.03	21.65	21.95	
HT20	MCS0	2	6995	17.83	17.93	21.55	21.00	
HT20	MCS0	2	7115	18.03	17.93	21.45	21.45	
HT40	MCS0	2	6885	36.16	36.26	40.95	40.50	
HT40	MCS0	2	6925	36.16	36.26	40.77	40.77	
HT40	MCS0	2	6965	36.26	36.16	40.77	40.50	
HT40	MCS0	2	7085	36.16	36.06	40.32	40.23	
VHT80	MCS0	2	6945	75.04	75.04	80.96	81.92	
VHT80	MCS0	2	7025	75.04	75.16	81.92	81.76	
VHT160	MCS0	2	6985	152.01	153.69	163.84	162.24	

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO									
Mod.	Data Rate	N _{TX}	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	19.23	19.23	22.00	22.50	
HE20	MCS0	2	6895	Full	19.23	19.23	22.45	22.30	
HE20	MCS0	2	6995	Full	19.23	19.18	21.90	21.85	
HE20	MCS0	2	7115	Full	19.28	19.23	22.20	22.15	
HE40	MCS0	2	6885	Full	37.86	37.96	41.13	41.31	
HE40	MCS0	2	6925	Full	37.86	37.86	41.22	41.22	
HE40	MCS0	2	6965	Full	37.96	37.76	41.49	40.95	
HE40	MCS0	2	7085	Full	37.86	37.76	41.31	41.22	
HE80	MCS0	2	6945	Full	76.84	76.84	81.12	81.44	
HE80	MCS0	2	7025	Full	76.60	76.72	81.28	81.44	
HE160	MCS0	2	6985	Full	152.73	155.12	162.88	162.80	

TEST RESULTS DATA
EIRP Power Table

U-NII-8 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	0.03	0.03	8.21	6.26	10.35	-4.70		5.65	24.00	Pass
11a	6Mbps	2	6895	0.03	0.03	8.31	6.31	10.43	-4.70		5.73	24.00	Pass
11a	6Mbps	2	6995	0.03	0.03	7.76	6.15	10.04	-4.70		5.34	24.00	Pass
11a	6Mbps	2	7115	0.03	0.00	10.06	10.61	13.35	-4.70		8.65	24.00	Pass
HT20	MCS0	2	6875	0.00	0.00	8.60	7.15	10.95	-4.70		6.25	24.00	Pass
HT20	MCS0	2	6895	0.00	0.00	8.72	7.24	11.05	-4.70		6.35	24.00	Pass
HT20	MCS0	2	6995	0.00	0.00	8.24	7.02	10.68	-4.70		5.98	24.00	Pass
HT20	MCS0	2	7115	0.00	0.00	10.13	10.66	13.41	-4.70		8.71	24.00	Pass
HT40	MCS0	2	6885	0.00	0.00	11.60	10.07	13.91	-4.70		9.21	24.00	Pass
HT40	MCS0	2	6925	0.00	0.00	11.23	10.03	13.68	-4.70		8.98	24.00	Pass
HT40	MCS0	2	6965	0.00	0.00	11.45	10.00	13.80	-4.70		9.10	24.00	Pass
HT40	MCS0	2	7085	0.00	0.00	11.13	11.54	14.35	-4.70		9.65	24.00	Pass
VHT20	MCS0	2	6875	0.00	0.00	8.58	7.13	10.93	-4.70		6.23	24.00	Pass
VHT20	MCS0	2	6895	0.00	0.00	8.70	7.23	11.04	-4.70		6.34	24.00	Pass
VHT20	MCS0	2	6995	0.00	0.00	8.21	7.00	10.66	-4.70		5.96	24.00	Pass
VHT20	MCS0	2	7115	0.00	0.00	10.11	10.64	13.39	-4.70		8.69	24.00	Pass
VHT40	MCS0	2	6885	0.00	0.00	11.58	10.06	13.90	-4.70		9.20	24.00	Pass
VHT40	MCS0	2	6925	0.00	0.00	11.21	10.01	13.66	-4.70		8.96	24.00	Pass
VHT40	MCS0	2	6965	0.00	0.00	11.43	9.98	13.78	-4.70		9.08	24.00	Pass
VHT40	MCS0	2	7085	0.00	0.00	11.10	11.52	14.33	-4.70		9.63	24.00	Pass
VHT80	MCS0	2	6945	0.00	0.00	12.33	10.65	14.58	-4.70		9.88	24.00	Pass
VHT80	MCS0	2	7025	0.00	0.00	11.38	10.35	13.91	-4.70		9.21	24.00	Pass
VHT160	MCS0	2	6985	0.00	0.00	10.26	8.74	12.58	-4.70		7.88	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 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	SUM		
HE20	MCS0	2	6875	Full	0.00	0.00	8.82	7.15	11.08	-4.70		6.38	24.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00	0.83	-1.05	3.00	-4.70		-1.70	24.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00	3.36	1.65	5.60	-4.70		0.90	24.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00	6.43	5.14	8.84	-4.70		4.14	24.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00	8.94	7.13	11.14	-4.70		6.44	24.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00	1.13	-0.78	3.29	-4.70		-1.41	24.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00	3.62	2.43	6.08	-4.70		1.38	24.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00	6.57	4.88	8.82	-4.70		4.12	24.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00	8.50	6.83	10.76	-4.70		6.06	24.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00	10.45	10.85	13.66	-4.70		8.96	24.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00	2.91	2.76	5.85	-4.70		1.15	24.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00	5.07	5.87	8.50	-4.70		3.80	24.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00	8.16	8.60	11.40	-4.70		6.70	24.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00	11.28	9.81	13.62	-4.70		8.92	24.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00	9.63	8.84	12.26	-4.70		7.56	24.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00	11.03	9.78	13.46	-4.70		8.76	24.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00	9.59	8.47	12.08	-4.70		7.38	24.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00	11.25	9.73	13.57	-4.70		8.87	24.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00	11.04	11.35	14.21	-4.70		9.51	24.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00	9.45	9.77	12.62	-4.70		7.92	24.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	12.17	10.48	14.42	-4.70		9.72	24.00	Pass
HE80	MCS0	2	6945	484/65	0.00	0.00	11.08	9.91	13.54	-4.70		8.84	24.00	Pass
HE80	MCS0	2	7025	Full	0.00	0.00	11.30	10.20	13.80	-4.70		9.10	24.00	Pass
HE80	MCS0	2	7025	484/66	0.00	0.00	10.26	10.37	13.33	-4.70		8.63	24.00	Pass
HE160	MCS0	2	6985	Full	0.00	0.00	10.30	8.74	12.60	-4.70		7.90	24.00	Pass
HE160	MCS0	2	6985	996/67	0.00	0.00	8.50	7.44	11.01	-4.70		6.31	24.00	Pass
HE160	MCS0	2	6985	996/S67	0.00	0.00	8.57	8.19	11.39	-4.70		6.69	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

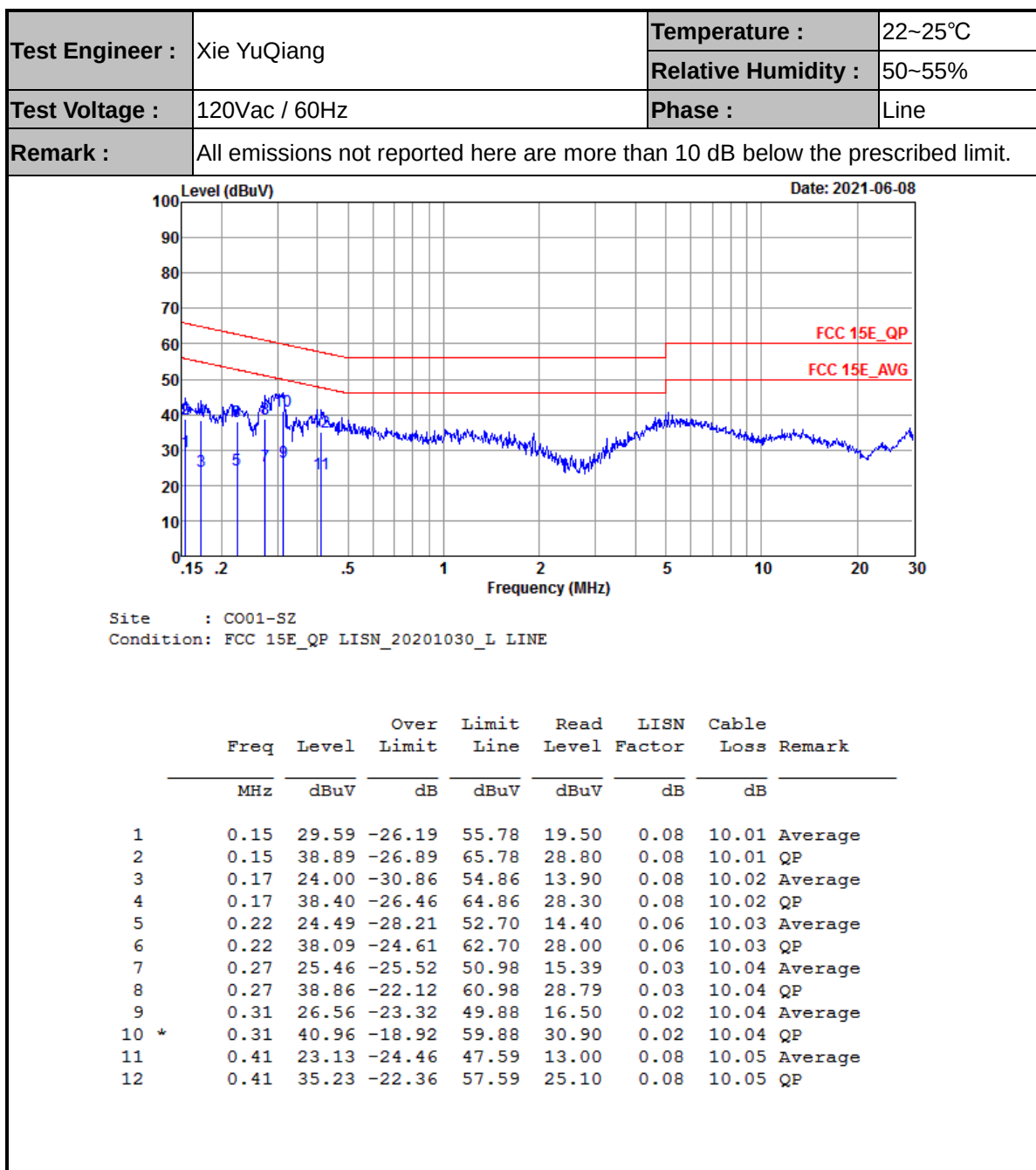
U-NII-8 MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6875	0.03	0.03			0.52	-2.08		-1.57	-1.00	Pass
11a	6Mbps	2	6895	0.03	0.03			0.58	-2.08		-1.50	-1.00	Pass
11a	6Mbps	2	6995	0.03	0.03			0.30	-2.08		-1.78	-1.00	Pass
11a	6Mbps	2	7115	0.03	0.03			0.79	-2.08		-1.29	-1.00	Pass
HT20	MCS0	2	6875	0.00	0.00			0.50	-2.08		-1.58	-1.00	Pass
HT20	MCS0	2	6895	0.00	0.00			0.65	-2.08		-1.44	-1.00	Pass
HT20	MCS0	2	6995	0.00	0.00			0.35	-2.08		-1.73	-1.00	Pass
HT20	MCS0	2	7115	0.00	0.00			0.36	-2.08		-1.72	-1.00	Pass
HT40	MCS0	2	6885	0.00	0.00			0.68	-2.08		-1.40	-1.00	Pass
HT40	MCS0	2	6925	0.00	0.00			0.64	-2.08		-1.44	-1.00	Pass
HT40	MCS0	2	6965	0.00	0.00			0.78	-2.08		-1.30	-1.00	Pass
HT40	MCS0	2	7085	0.00	0.00			-1.18	-2.08		-3.26	-1.00	Pass
VHT80	MCS0	2	6945	0.00	0.00			-1.06	-2.08		-3.14	-1.00	Pass
VHT80	MCS0	2	7025	0.00	0.00			-3.28	-2.08		-5.36	-1.00	Pass
VHT160	MCS0	2	6985	0.00	0.00			-6.02	-2.08		-8.10	-1.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (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	6875	Full	0.00	0.00			0.58	-2.08		-1.50	-1.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00				-2.08		-1.71	-1.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00				-2.08		-1.85	-1.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00				-2.08		-1.84	-1.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00				-2.08		-1.33	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00				-2.08		-1.83	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00				-2.08		-1.55	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00				-2.08		-1.67	-1.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00				-2.08		-1.58	-1.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00				-2.08		-1.62	-1.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00				-2.08		-2.06	-1.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00				-2.08		-1.93	-1.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00				-2.08		-1.75	-1.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00				-2.08		-1.76	-1.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00				-2.08		-2.10	-1.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00				-2.08		-1.76	-1.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00				-2.08		-2.01	-1.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00				-2.08		-1.61	-1.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00				-2.08		-3.79	-1.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00				-2.08		-4.07	-1.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	-2.08		-3.17	-1.00	Pass			
HE80	MCS0	2	6945	484/65	0.00	0.00	-2.08		-3.62	-1.00	Pass			
HE80	MCS0	2	7025	Full	0.00	0.00	-2.08		-5.45	-1.00	Pass			
HE80	MCS0	2	7025	484/66	0.00	0.00	-2.08		-5.75	-1.00	Pass			
HE160	MCS0	2	6985	Full	0.00	0.00	-2.08		-8.02	-1.00	Pass			
HE160	MCS0	2	6985	996/67	0.00	0.00	-2.08		-8.09	-1.00	Pass			
HE160	MCS0	2	6985	996/S67	0.00	0.00	-2.08		-9.00	-1.00	Pass			

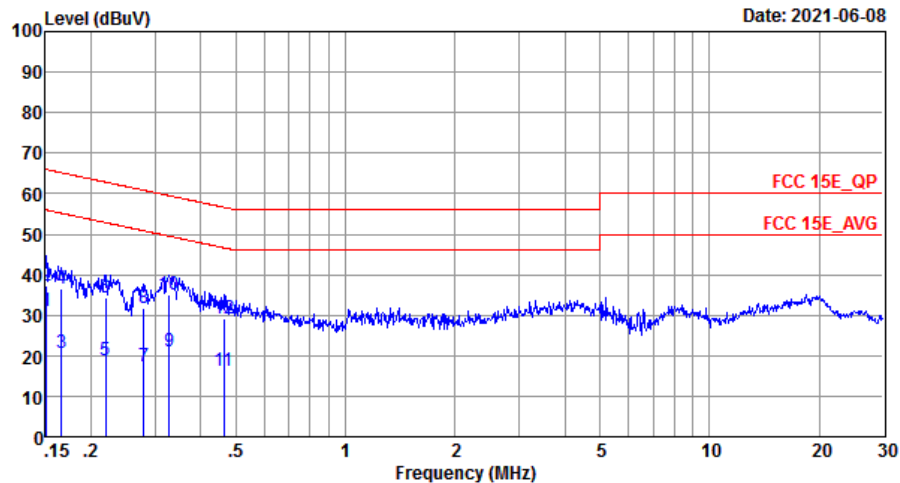


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Xie YuQiang	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	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15	30.89	-25.07	55.96	20.80	0.08	10.01	Average
2	0.15	37.39	-28.57	65.96	27.30	0.08	10.01	QP
3	0.17	20.80	-34.36	55.16	10.70	0.08	10.02	Average
4	0.17	36.60	-28.56	65.16	26.50	0.08	10.02	QP
5	0.22	18.80	-34.03	52.83	8.71	0.06	10.03	Average
6	0.22	34.30	-28.53	62.83	24.21	0.06	10.03	QP
7	0.28	17.16	-33.69	50.85	7.10	0.02	10.04	Average
8	0.28	31.56	-29.29	60.85	21.50	0.02	10.04	QP
9	0.33	20.97	-28.52	49.49	10.90	0.03	10.04	Average
10 *	0.33	35.17	-24.32	59.49	25.10	0.03	10.04	QP
11	0.46	16.24	-30.39	46.63	6.10	0.09	10.05	Average
12	0.46	29.04	-27.59	56.63	18.90	0.09	10.05	QP



Appendix C. Radiated Spurious Emission

Test Engineer :	Yuwei Li	Temperature :	24~25°C
		Relative Humidity :	48~49%

UNII-5 - 5925~6425MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamplifier 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)
802.11n HT20 CH 01 5955MHz		5862.24	46.62	-41.58	88.2	38.91	32.6	8.44	33.33	100	244	P	H
		5899.48	39.85	-28.35	68.2	31.99	32.68	8.5	33.32	100	244	A	H
		5955	84.41	-	-	76.38	32.8	8.54	33.31	100	244	P	H
		5955	79.86	-	-	71.83	32.8	8.54	33.31	100	244	A	H
		5918.24	47.61	-40.59	88.2	39.7	32.72	8.51	33.32	104	343	P	V
		5859.44	39.67	-28.53	68.2	31.96	32.6	8.44	33.33	104	343	A	V
		5955	93.59	-	-	85.56	32.8	8.54	33.31	104	343	P	V
		5955	87.47	-	-	79.44	32.8	8.54	33.31	104	343	A	V
802.11n HT20 CH 45 6175MHz		6175	82.95	-	-	74.49	33.33	8.56	33.43	220	343	P	H
		6175	76.13	-	-	67.67	33.33	8.56	33.43	309	343	A	H
		6175	95.47	-	-	87.01	33.33	8.56	33.43	100	344	P	V
		6175	88.6	-	-	80.14	33.33	8.56	33.43	100	344	A	V
802.11n HT20 CH 93 6415MHz		6415	88.58	-	-	79.86	33.95	8.41	33.64	100	343	P	H
		6415	83.48	-	-	74.76	33.95	8.41	33.64	100	343	A	H
		6415	95.33	-	-	86.61	33.95	8.41	33.64	100	344	P	V
		6415	92.81	-	-	84.09	33.95	8.41	33.64	100	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11n HT20 (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 HT20 CH 01 5955MHz		11910	50.71	-23.29	74	56.81	39.3	11.89	57.29	201	0	P	H
		17865	50.84	-23.16	74	44.9	47.12	15.91	57.09	100	0	P	H
		11910	50.88	-23.12	74	56.98	39.3	11.89	57.29	201	0	P	V
		17865	49.65	-24.35	74	43.71	47.12	15.91	57.09	100	0	P	V
802.11n HT20 CH 45 6175MHz		12350	49.61	-24.39	74	55.46	39.51	12.09	57.45	100	0	P	H
		18525	33.29	-40.71	74	47.42	37.31	10.84	52.74	150	360	P	H
		12350	49.64	-24.36	74	55.49	39.51	12.09	57.45	100	0	P	V
		18525	33.97	-40.03	74	48.1	37.31	10.84	52.74	150	0	P	V
802.11n HT20 CH 93 6415MHz		12830	49.6	-38.6	88.2	55.31	39.8	12.27	57.78	100	0	P	H
		19245	31.52	-42.48	74	44.87	37.55	11.42	52.78	150	360	P	H
		12830	49.67	-38.53	88.2	55.38	39.8	12.27	57.78	100	0	P	V
		19245	32.15	-41.85	74	45.5	37.55	11.42	52.78	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE40 (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		5909.32	46.32	-41.88	88.2	38.41	32.72	8.51	33.32	102	265	P	H
		5919.08	39.68	-28.52	68.2	31.77	32.72	8.51	33.32	102	265	A	H
	*	5965	85.17	-	-	77.09	32.84	8.55	33.31	102	265	P	H
		5965	80.45	-	-	72.37	32.84	8.55	33.31	102	265	A	H
		5918.12	46.32	-41.88	88.2	38.41	32.72	8.51	33.32	105	344	P	V
		5917.64	40.87	-27.33	68.2	32.96	32.72	8.51	33.32	105	344	A	V
	*	5965	92.35	-	-	84.27	32.84	8.55	33.31	105	344	P	V
		5965	87.79	-	-	79.71	32.84	8.55	33.31	105	344	A	V
802.11ax HE40 CH 43 6165MHz		6165	85.94	-	-	77.48	33.33	8.56	33.43	100	282	P	H
		6165	79.3	-	-	70.84	33.33	8.56	33.43	100	282	A	H
		6165	94.04	-	-	85.58	33.33	8.56	33.43	125	344	P	V
		6165	87.81	-	-	79.35	33.33	8.56	33.43	125	344	A	V
802.11ax HE40 CH 91 6405MHz		6405	89.15	-	-	80.48	33.91	8.38	33.62	100	345	P	H
		6405	85.99	-	-	77.32	33.91	8.38	33.62	100	345	A	H
		6405	98.62	-	-	89.95	33.91	8.38	33.62	100	344	P	V
		6405	94.06	-	-	85.39	33.91	8.38	33.62	100	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz

WIFI 802.11ax HE40 (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		11930	50.04	-23.96	74	56.11	39.3	11.9	57.27	201	0	P	H
HE40		17895	50.52	-23.48	74	44.25	47.34	15.97	57.04	100	0	P	H
CH 03		11930	49.95	-24.05	74	56.02	39.3	11.9	57.27	201	0	P	V
5965MHz		17895	50.14	-23.86	74	43.87	47.34	15.97	57.04	100	0	P	V
802.11ax		12330	50.29	-23.71	74	56.15	39.49	12.08	57.43	100	0	P	H
HE40		18495	32.54	-41.46	74	46.67	37.3	10.81	52.7	150	360	P	H
CH 43		12330	50.51	-23.49	74	56.37	39.49	12.08	57.43	100	0	P	V
6165MHz		18495	32.97	-41.03	74	47.1	37.3	10.81	52.7	150	0	P	V
802.11ax		12810	50.65	-37.55	88.2	56.37	39.79	12.26	57.77	100	0	P	H
HE40		19215	32.39	-41.61	74	45.88	37.54	11.41	52.9	150	360	P	H
CH 91		12810	50.48	-37.72	88.2	56.2	39.79	12.26	57.77	100	0	P	V
6405MHz		19215	31.8	-42.2	74	45.29	37.54	11.41	52.9	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE80 (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		5888.52	46.76	-41.44	88.2	38.91	32.68	8.5	33.33	100	268	P	H
		5923.4	40.8	-27.4	68.2	32.82	32.76	8.53	33.31	100	268	A	H
	*	5985	87.14	-	-	78.99	32.89	8.57	33.31	100	268	P	H
		5985	79.26	-	-	71.11	32.89	8.57	33.31	100	268	A	H
		5913.48	47.7	-40.5	88.2	39.79	32.72	8.51	33.32	107	344	P	V
		5916.84	42.89	-25.31	68.2	34.98	32.72	8.51	33.32	107	344	A	V
	*	5985	92.92	-	-	84.77	32.89	8.57	33.31	107	344	P	V
		5985	87.32	-	-	79.17	32.89	8.57	33.31	107	344	A	V
802.11ax HE80 CH 39 6145MHz		6145	84.41	-	-	76.01	33.29	8.52	33.41	102	283	P	H
		6145	78.4	-	-	70	33.29	8.52	33.41	102	283	A	H
		6145	96.91	-	-	88.51	33.29	8.52	33.41	112	349	P	V
		6145	87.58	-	-	79.18	33.29	8.52	33.41	112	349	A	V
802.11ax HE80 CH 87 6385MHz		6385	88.53	-	-	79.87	33.87	8.38	33.59	128	342	P	H
		6385	81.75	-	-	73.09	33.87	8.38	33.59	128	342	A	H
		6385	97.94	-	-	89.28	33.87	8.38	33.59	135	338	P	V
		6385	92.29	-	-	83.63	33.87	8.38	33.59	135	338	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz

WIFI 802.11ax HE80 (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		11970	50.7	-23.3	74	56.71	39.3	11.93	57.24	201	0	P	H
HE80		17955	50.42	-23.58	74	43.67	47.67	16.05	56.97	100	0	P	H
CH 07		11970	50.33	-23.67	74	56.34	39.3	11.93	57.24	201	0	P	V
5985MHz		17955	49.88	-24.12	74	43.13	47.67	16.05	56.97	100	0	P	V
802.11ax		12830	49.77	-38.43	88.2	55.48	39.8	12.27	57.78	100	0	P	H
HE80		18435	33.13	-40.87	74	47.65	37.12	10.76	52.86	150	360	P	H
CH 39		12830	49.55	-38.65	88.2	55.26	39.8	12.27	57.78	100	0	P	V
6145MHz		18435	32.85	-41.15	74	47.37	37.12	10.76	52.86	150	0	P	V
802.11ax		12770	50.45	-37.75	88.2	56.18	39.76	12.24	57.73	100	0	P	H
HE80		19155	32.04	-41.96	74	45.81	37.53	11.38	53.14	150	360	P	H
CH 87		12770	50.19	-38.01	88.2	55.92	39.76	12.24	57.73	100	0	P	V
6385MHz		19155	31.4	-42.6	74	45.17	37.53	11.38	53.14	150	0	P	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 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		5895.56	48.2	-40	88.2	40.34	32.68	8.5	33.32	100	240	P	H
		5918.24	41.58	-26.62	68.2	33.67	32.72	8.51	33.32	100	240	A	H
	*	6025	82.39	-	-	74.16	33.01	8.52	33.3	100	240	P	H
		6025	75.81	-	-	67.58	33.01	8.52	33.3	100	240	A	H
		5897.52	51.45	-36.75	88.2	43.59	32.68	8.5	33.32	100	338	P	V
		5889.96	46.21	-21.99	68.2	38.36	32.68	8.5	33.33	100	338	A	V
	*	6025	90.5	-	-	82.27	33.01	8.52	33.3	100	338	P	V
		6025	83.92	-	-	75.69	33.01	8.52	33.3	100	338	A	V
802.11ax HE160 CH 47 6185MHz		6185	80.05	-	-	71.52	33.38	8.6	33.45	100	282	P	H
		6185	74.45	-	-	65.92	33.38	8.6	33.45	100	282	A	H
		6185	91.48	-	-	82.95	33.38	8.6	33.45	100	338	P	V
		6185	84.66	-	-	76.13	33.38	8.6	33.45	100	338	A	V
802.11ax HE160 CH 79 6345MHz		6345	84.51	-	-	75.98	33.74	8.36	33.57	144	327	P	H
		6345	78.87	-	-	70.34	33.74	8.36	33.57	144	327	A	H
		6345	92.42	-	-	83.89	33.74	8.36	33.57	124	353	P	V
		6345	88.35	-	-	79.82	33.74	8.36	33.57	124	353	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 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	49.37	-24.63	74	55.3	39.33	11.98	57.24	100	0	P	H
		18075	30.53	-43.47	74	47.22	36.28	10.36	53.79	150	360	P	H
		12050	49.03	-24.97	74	54.96	39.33	11.98	57.24	100	0	P	V
		18075	30.67	-43.33	74	47.36	36.28	10.36	53.79	150	0	P	V
802.11ax HE160 CH 47 6185MHz		12370	50.11	-23.89	74	55.94	39.53	12.1	57.46	100	0	P	H
		18555	32.29	-41.71	74	46.46	37.32	10.86	52.81	150	360	P	H
		12370	50.57	-23.43	74	56.4	39.53	12.1	57.46	100	0	P	V
		18555	33.03	-40.97	74	47.2	37.32	10.86	52.81	150	0	P	V
802.11ax HE160 CH 79 6345MHz		12690	50.82	-23.18	74	56.57	39.72	12.22	57.69	100	0	P	H
		19035	31.34	-42.66	74	45.69	37.51	11.3	53.62	150	360	P	H
		12690	50.06	-23.94	74	55.81	39.72	12.22	57.69	100	0	P	V
		19035	32.27	-41.73	74	46.62	37.51	11.3	53.62	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 - 6425~6525MHz

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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		6435	86.12	-	-	77.32	33.99	8.45	33.64	144	189	P	H
HE20		6435	82.15	-	-	73.35	33.99	8.45	33.64	144	189	A	H
CH 97		6435	100.07	-	-	91.27	33.99	8.45	33.64	100	360	P	V
6435MHz		6435	92.47	-	-	83.67	33.99	8.45	33.64	100	360	A	V
802.11ax		6475	89.9	-	-	80.99	34.07	8.52	33.68	162	191	P	H
HE20		6475	82.92	-	-	74.01	34.07	8.52	33.68	162	191	A	H
CH 105		6475	99.75	-	-	90.84	34.07	8.52	33.68	102	353	P	V
6475MHz		6475	94	-	-	85.09	34.07	8.52	33.68	102	353	A	V
802.11ax	*	6515	90.25	-	-	81.21	34.15	8.59	33.7	163	206	P	H
HE20		6515	84.53	-	-	75.49	34.15	8.59	33.7	163	206	A	H
CH 113	*	6515	98.28	-	-	89.24	34.15	8.59	33.7	133	360	P	V
6515MHz		6515	94.18	-	-	85.14	34.15	8.59	33.7	133	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 6425~6525MHz

WIFI 802.11ax HE20 (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)
802.11ax		12870	50.57	-37.63	88.2	56.28	39.82	12.28	57.81	100	0	P	H
HE20		19305	31.95	-42.05	74	45.01	37.56	11.45	52.53	150	360	P	H
CH 97		12870	50	-38.2	88.2	55.71	39.82	12.28	57.81	100	0	P	V
6435MHz		19305	32.26	-41.74	74	45.32	37.56	11.45	52.53	150	0	P	V
802.11ax		12950	50.55	-37.65	88.2	56.23	39.87	12.31	57.86	100	0	P	H
HE20		19425	34.1	-39.9	74	46.61	37.58	11.5	52.05	150	360	P	H
CH 105		12950	50.93	-37.27	88.2	56.61	39.87	12.31	57.86	100	0	P	V
6475MHz		19425	32.09	-41.91	74	44.6	37.58	11.5	52.05	150	0	P	V
802.11ax		13030	50.08	-38.12	88.2	55.76	39.92	12.34	57.94	100	0	P	H
HE20		19545	33.23	-40.77	74	45.18	37.62	11.56	51.59	150	360	P	H
CH 113		13030	50.06	-38.14	88.2	55.74	39.92	12.34	57.94	100	0	P	V
6515MHz		19545	35	-39	74	46.95	37.62	11.56	51.59	150	0	P	V
Remark	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	89.6	-	-	80.82	33.99	8.45	33.66	100	114	P	H
HT40		6445	83.74	-	-	74.96	33.99	8.45	33.66	100	114	A	H
CH 99		6445	98.96	-	-	90.18	33.99	8.45	33.66	115	353	P	V
6445MHz		6445	93.32	-	-	84.54	33.99	8.45	33.66	115	353	A	V
802.11n		6485	90.99	-	-	82	34.11	8.56	33.68	104	114	P	H
HT40		6485	85.02	-	-	76.03	34.11	8.56	33.68	104	114	A	H
CH 107		6485	100.17	-	-	91.18	34.11	8.56	33.68	113	354	P	V
6485MHz		6485	93.88	-	-	84.89	34.11	8.56	33.68	113	354	A	V
Remark	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	50.28	-37.92	88.2	55.98	39.83	12.29	57.82	100	0	P	H
HT40		19335	32.01	-41.99	74	44.94	37.56	11.46	52.41	150	360	P	H
CH 99		12890	50.19	-38.01	88.2	55.89	39.83	12.29	57.82	100	0	P	V
6445MHz		19335	32.88	-41.12	74	45.81	37.56	11.46	52.41	150	0	P	V
802.11n		12970	50.44	-37.76	88.2	56.12	39.88	12.32	57.88	100	0	P	H
HT40		19455	32.82	-41.18	74	45.18	37.59	11.52	51.93	150	360	P	H
CH 107		12970	50.93	-37.27	88.2	56.61	39.88	12.32	57.88	100	0	P	V
6485MHz		19455	33.19	-40.81	74	45.55	37.59	11.52	51.93	150	0	P	V
Remark	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	89.29	-	-	80.43	34.03	8.49	33.66	103	114	P	H
VHT80		6465	83.45	-	-	74.59	34.03	8.49	33.66	103	114	A	H
CH 103		6465	98.89	-	-	90.03	34.03	8.49	33.66	105	352	P	V
6465MHz		6465	93.24	-	-	84.38	34.03	8.49	33.66	105	352	A	V
Remark	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	50.55	-37.65	88.2	56.24	39.86	12.3	57.85	100	0	P	H
VHT80		19395	32.58	-41.42	74	45.22	37.58	11.49	52.17	150	360	P	H
CH 103		12930	51.79	-36.41	88.2	57.48	39.86	12.3	57.85	100	0	P	V
6465MHz		19395	32.73	-41.27	74	45.37	37.58	11.49	52.17	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax 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	89.24	-	-	80.19	34.23	8.51	33.69	100	114	P	H
HE20		6535	85.06	-	-	76.01	34.23	8.51	33.69	100	114	A	H
CH 117		6535	97.57	-	-	88.52	34.23	8.51	33.69	114	360	P	V
6535MHz		6535	93.8	-	-	84.75	34.23	8.51	33.69	114	360	A	V
802.11ax		6695	87.32	-	-	77.92	34.6	8.46	33.66	100	81	P	H
HE20		6695	81.99	-	-	72.59	34.6	8.46	33.66	100	81	A	H
CH 149		6695	96.55	-	-	87.15	34.6	8.46	33.66	166	355	P	V
6695MHz		6695	91.16	-	-	81.76	34.6	8.46	33.66	166	355	A	V
802.11ax	*	6855	89.85	-	-	79.72	35.15	8.61	33.63	235	340	P	H
HE20		6855	84.18	-	-	74.05	35.15	8.61	33.63	235	340	A	H
CH 181	*	6855	97.46	-	-	87.33	35.15	8.61	33.63	234	334	P	V
6855MHz		6855	91.45	-	-	81.32	35.15	8.61	33.63	234	334	A	V
Remark	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	50.64	-37.56	88.2	56.31	39.94	12.36	57.97	100	0	P	H
HE20		19605	33.61	-40.39	74	45.3	37.64	11.58	51.37	150	360	P	H
CH 117		13070	49.98	-38.22	88.2	55.65	39.94	12.36	57.97	100	0	P	V
6535MHz		19605	33.32	-40.68	74	45.01	37.64	11.58	51.37	150	0	P	V
802.11ax		13390	49.56	-24.44	74	55.26	40.14	12.49	58.33	100	0	P	H
HE20		20085	34.77	-39.23	74	44.66	37.88	11.2	49.43	150	360	P	H
CH 149		13390	50.2	-23.8	74	55.9	40.14	12.49	58.33	100	0	P	V
6695MHz		20085	34.43	-39.57	74	44.32	37.88	11.2	49.43	150	0	P	V
802.11ax		13710	49.85	-38.35	88.2	55.57	40.33	12.63	58.68	100	0	P	H
HE20		20565	36.28	-37.72	74	43.14	38.34	11.61	47.27	150	360	P	H
CH 181		13710	50.68	-37.52	88.2	56.4	40.33	12.63	58.68	100	0	P	V
6855MHz		20565	36.76	-37.24	74	43.62	38.34	11.61	47.27	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax 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		6565	92.19	-	-	83.14	34.27	8.47	33.69	100	106	P	H
HE40		6565	85.31	-	-	76.26	34.27	8.47	33.69	100	106	A	H
CH 123		6565	100.4	-	-	91.35	34.27	8.47	33.69	228	349	P	V
6565MHz		6565	94.19	-	-	85.14	34.27	8.47	33.69	228	349	A	V
802.11ax		6685	90.04	-	-	80.69	34.56	8.45	33.66	103	111	P	H
HE40		6685	82.88	-	-	73.53	34.56	8.45	33.66	103	111	A	H
CH 147		6685	97.77	-	-	88.42	34.56	8.45	33.66	228	349	P	V
6685MHz		6685	91.47	-	-	82.12	34.56	8.45	33.66	228	349	A	V
802.11ax	*	6845	88.42	-	-	78.29	35.15	8.61	33.63	100	82	P	H
HE40		6845	82.33	-	-	72.2	35.15	8.61	33.63	100	82	A	H
CH 179	*	6845	96.77	-	-	86.64	35.15	8.61	33.63	238	336	P	V
6845MHz		6845	90.82	-	-	80.69	35.15	8.61	33.63	238	336	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

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		13130	50.9	-37.3	88.2	56.57	39.99	12.39	58.05	100	0	P	H
HE40		19695	32.91	-41.09	74	44.3	37.68	11.51	51.04	150	360	P	H
CH 123		13130	51.36	-36.84	88.2	57.03	39.99	12.39	58.05	100	0	P	V
6565MHz		19695	33.86	-40.14	74	45.25	37.68	11.51	51.04	150	0	P	V
802.11ax		13370	50.6	-23.4	74	56.29	40.13	12.49	58.31	100	0	P	H
HE40		20055	34.05	-39.95	74	44.11	37.85	11.23	49.6	150	360	P	H
CH 147		13370	51.82	-22.18	74	57.51	40.13	12.49	58.31	100	0	P	V
6685MHz		20055	33.53	-40.47	74	43.59	37.85	11.23	49.6	150	0	P	V
802.11ax		13690	51.3	-36.9	88.2	57.03	40.31	12.61	58.65	100	0	P	H
HE40		20535	36.87	-37.13	74	43.68	38.31	11.58	47.16	150	360	P	H
CH 179		13690	51.18	-37.02	88.2	56.91	40.31	12.61	58.65	100	0	P	V
6845MHz		20535	36.64	-37.36	74	43.45	38.31	11.58	47.16	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax 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		6625	90.04	-	-	80.86	34.44	8.41	33.67	100	111	P	H
HE80		6625	83.39	-	-	74.21	34.44	8.41	33.67	100	111	A	H
CH 135		6625	101.5	-	-	92.32	34.44	8.41	33.67	224	360	P	V
6625MHz		6625	93.71	-	-	84.53	34.44	8.41	33.67	224	360	P	V
802.11ax		6705	88.32	-	-	78.86	34.66	8.46	33.66	100	76	P	H
HE80		6705	81.81	-	-	72.35	34.66	8.46	33.66	100	76	A	H
CH 151		6705	96.51	-	-	87.05	34.66	8.46	33.66	234	360	P	V
6705MHz		6705	91.53	-	-	82.07	34.66	8.46	33.66	234	360	A	V
802.11ax		6785	89.14	-	-	79.4	34.91	8.47	33.64	100	81	P	H
HE80		6785	82.17	-	-	72.43	34.91	8.47	33.64	100	81	A	H
CH 167		6785	96.24	-	-	86.5	34.91	8.47	33.64	233	341	P	V
6785MHz		6785	90.46	-	-	80.72	34.91	8.47	33.64	233	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

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		13250	50.35	-23.65	74	56.03	40.06	12.44	58.18	100	0	P	H
HE80		19875	32.91	-41.09	74	43.71	37.75	11.37	50.38	150	360	P	H
CH 135		13250	49.85	-24.15	74	55.53	40.06	12.44	58.18	100	0	P	V
6625MHz		19875	34.33	-39.67	74	45.13	37.75	11.37	50.38	150	0	P	V
802.11ax		13410	50.74	-37.46	88.2	56.44	40.15	12.5	58.35	100	0	P	H
HE80		20115	34.41	-39.59	74	44.09	37.92	11.2	49.26	150	360	P	H
CH 151		13410	51.28	-36.92	88.2	56.98	40.15	12.5	58.35	100	0	P	V
6705MHz		20115	34.16	-39.84	74	43.84	37.92	11.2	49.26	150	0	P	V
802.11ax		13570	50.74	-37.46	88.2	56.46	40.24	12.56	58.52	100	0	P	H
HE80		20355	35.92	-38.08	74	43.77	38.15	11.42	47.88	150	360	P	H
CH 167		13570	51.54	-36.66	88.2	57.26	40.24	12.56	58.52	100	0	P	V
6785MHz		20355	36.73	-37.27	74	44.58	38.15	11.42	47.88	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax 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	85.97	-	-	76.68	34.52	8.44	33.67	100	112	P	H
HE160		6665	79.27	-	-	69.98	34.52	8.44	33.67	100	112	A	H
CH 143		6665	96.83	-	-	87.54	34.52	8.44	33.67	238	360	P	V
6665MHz		6665	89.13	-	-	79.84	34.52	8.44	33.67	238	360	A	V
Remark	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	49.99	-24.01	74	55.67	40.1	12.47	58.25	100	0	P	H
HE160		19995	33.77	-40.23	74	44.18	37.8	11.27	49.94	150	360	P	H
CH 143		13330	50.22	-23.78	74	55.9	40.1	12.47	58.25	100	0	P	V
6665MHz		19995	32.88	-41.12	74	43.29	37.8	11.27	49.94	150	0	P	V
Remark	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	96.77	-	-	86.31	35.33	8.75	33.62	220	0	P	H
HE20		6895	93.1	-	-	82.64	35.33	8.75	33.62	220	0	A	H
CH 189		6895	98.68	-	-	88.22	35.33	8.75	33.62	243	336	P	V
6895MHz		6895	94.34	-	-	83.88	35.33	8.75	33.62	243	336	A	V
802.11ax		6995	97.11	-	-	86.3	35.7	8.71	33.6	225	0	P	H
HE20		6995	92.42	-	-	81.61	35.7	8.71	33.6	225	0	A	H
CH 209		6995	97.11	-	-	86.3	35.7	8.71	33.6	225	0	P	V
6995MHz		6995	92.42	-	-	81.61	35.7	8.71	33.6	225	0	A	V
802.11ax HE20 CH 233 7115MHz		7115	100.15	-	-	88.97	36.16	8.66	33.64	100	357	P	H
		7115	94.76	-	-	83.58	36.16	8.66	33.64	100	357	A	H
		7130.985	56.94	-31.26	88.2	45.69	36.22	8.68	33.65	100	357	P	H
	*	7319.775	51.09	-22.91	74	39.08	36.94	8.8	33.73	100	357	P	H
		7127.73	49.68	-18.52	68.2	38.51	36.16	8.66	33.65	100	357	A	H
		7261.65	44.06	-9.94	54	32.35	36.68	8.74	33.71	100	357	A	H
		7115	101.05	-	-	89.87	36.16	8.66	33.64	100	357	P	V
		7115	95.62	-	-	84.44	36.16	8.66	33.64	100	357	A	V
		7128.66	62.01	-26.19	88.2	50.76	36.22	8.68	33.65	100	357	P	V
	*	7277.925	50.3	-23.7	74	38.52	36.75	8.75	33.72	100	357	P	V
Remark		7126.8	55.55	-12.65	68.2	44.38	36.16	8.66	33.65	100	357	A	V
		7333.725	44.19	-9.81	54	32.08	37.01	8.84	33.74	100	357	A	V
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		13790	50.96	-37.24	88.2	56.69	40.37	12.66	58.76	100	0	P	H
HE20		20685	35.53	-38.47	74	42.73	38.4	11.62	47.68	150	360	P	H
CH 189		13790	51.72	-36.48	88.2	57.45	40.37	12.66	58.76	100	0	P	V
6895MHz		20685	35.56	-38.44	74	42.76	38.4	11.62	47.68	150	0	P	V
802.11ax		13990	50.2	-38	88.2	55.95	40.49	12.74	58.98	100	0	P	H
HE20		20985	35.09	-38.91	74	43.24	38.58	11.54	48.73	150	360	P	H
CH 209		13990	50.12	-38.08	88.2	55.87	40.49	12.74	58.98	100	0	P	V
6995MHz		20985	34.11	-39.89	74	42.26	38.58	11.54	48.73	150	0	P	V
802.11ax		14230	51.07	-37.13	88.2	56.53	40.54	12.87	58.87	100	0	P	H
HE20		21345	33.66	-40.34	74	42.84	38.74	11.32	49.7	150	360	P	H
CH 233		14230	51.62	-36.58	88.2	57.08	40.54	12.87	58.87	100	0	P	V
7115MHz		21345	33.86	-40.14	74	43.04	38.74	11.32	49.7	150	0	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		6925	95.03	-	-	84.45	35.46	8.74	33.62	212	1	P	H
HT40		6925	91.09	-	-	80.51	35.46	8.74	33.62	212	1	A	H
CH 195		6925	97.23	-	-	86.65	35.46	8.74	33.62	232	78	P	V
6925MHz		6925	91.57	-	-	80.99	35.46	8.74	33.62	232	78	A	V
802.11n		6965	94.59	-	-	83.9	35.58	8.72	33.61	115	26	P	H
HT40		6965	89.42	-	-	78.73	35.58	8.72	33.61	115	26	A	H
CH 203		6965	97.49	-	-	86.8	35.58	8.72	33.61	237	77	P	V
6965MHz		6965	91.14	-	-	80.45	35.58	8.72	33.61	237	77	A	V
802.11n HT40 CH 227 7085MHz		7085	94.21	-	-	83.15	36.03	8.66	33.63	100	25	P	H
		7085	90.87	-	-	79.81	36.03	8.66	33.63	100	25	P	H
		7242.585	50.9	-37.3	88.2	39.23	36.62	8.74	33.69	100	25	P	H
	*	7291.41	51.19	-22.81	74	39.34	36.81	8.76	33.72	100	25	P	H
		7125.87	47.16	-21.04	68.2	35.99	36.16	8.66	33.65	100	25	A	H
		7297.455	44.11	-9.89	54	32.26	36.81	8.76	33.72	100	25	A	H
		7085	99.99	-	-	88.93	36.03	8.66	33.63	100	324	P	V
		7085	94.38	-	-	83.32	36.03	8.66	33.63	100	324	A	V
		7125.405	52.68	-35.52	88.2	41.51	36.16	8.66	33.65	100	324	P	V
	*	7346.28	50.2	-23.8	74	38.09	37.01	8.84	33.74	100	324	P	V
		7126.335	47.82	-20.38	68.2	36.65	36.16	8.66	33.65	100	324	A	V
		7321.17	44.48	-9.52	54	32.47	36.94	8.8	33.73	100	324	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11n 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		13890	51.12	-37.08	88.2	56.86	40.43	12.7	58.87	100	0	P	H
HT40		20835	36.16	-37.84	74	43.84	38.49	11.58	48.21	150	360	P	H
CH 195		13890	51	-37.2	88.2	56.74	40.43	12.7	58.87	100	0	P	V
6925MHz		20835	36.39	-37.61	74	44.07	38.49	11.58	48.21	150	0	P	V
802.11n		13930	52.01	-36.19	88.2	57.76	40.46	12.72	58.93	100	0	P	H
HT40		20895	35.33	-38.67	74	43.18	38.54	11.56	48.41	150	360	P	H
CH 203		13930	51.77	-36.43	88.2	57.52	40.46	12.72	58.93	100	0	P	V
6965MHz		20895	37.59	-36.41	74	45.44	38.54	11.56	48.41	150	0	P	V
802.11n		14170	52.96	-35.24	88.2	58.49	40.53	12.84	58.9	100	0	P	H
HT40		21255	33.67	-40.33	74	42.58	38.7	11.39	49.46	150	360	P	H
CH 227		14170	52.26	-35.94	88.2	57.79	40.53	12.84	58.9	100	0	P	V
7085MHz		21255	33.7	-40.3	74	42.61	38.7	11.39	49.46	150	0	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 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		6945	90.85	-	-	80.21	35.52	8.73	33.61	100	10	P	H
VHT80		6945	86.93	-	-	76.29	35.52	8.73	33.61	100	10	A	H
CH 199		6945	97.44	-	-	86.8	35.52	8.73	33.61	100	322	P	V
6945MHz		6945	91.86	-	-	81.22	35.52	8.73	33.61	100	322	A	V
802.11ac VHT80 CH 215 7025MHz		7025	93.26	-	-	82.4	35.77	8.7	33.61	100	13	P	H
		7025	87.68	-	-	76.82	35.77	8.7	33.61	100	13	A	H
		7226.31	49.91	-38.29	88.2	38.32	36.55	8.73	33.69	100	13	P	H
	*	7314.66	50.98	-23.02	74	39.07	36.88	8.76	33.73	100	13	P	H
		7125.405	44.75	-23.45	68.2	33.58	36.16	8.66	33.65	100	13	A	H
		7282.575	44.42	-9.58	54	32.57	36.81	8.76	33.72	100	13	A	H
		7025	95.83	-	-	84.97	35.77	8.7	33.61	102	318	P	V
		7025	91.17	-	-	80.31	35.77	8.7	33.61	102	318	A	V
		7190.04	49.68	-38.52	88.2	38.21	36.42	8.72	33.67	102	318	P	V
	*	7333.26	50.34	-23.66	74	38.23	37.01	8.84	33.74	102	318	P	V
		7230.495	44.26	-23.94	68.2	32.67	36.55	8.73	33.69	102	318	A	V
		7305.825	44.24	-9.76	54	32.33	36.88	8.76	33.73	102	318	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ac 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	51.12	-37.08	88.2	56.86	40.43	12.7	58.87	100	0	P	H
VHT80		20835	36.16	-37.84	74	43.84	38.49	11.58	48.21	150	360	P	H
CH 199		13890	51	-37.2	88.2	56.74	40.43	12.7	58.87	100	0	P	V
6945MHz		20835	36.39	-37.61	74	44.07	38.49	11.58	48.21	150	0	P	V
802.11ac		14050	51.1	-37.1	88.2	56.78	40.51	12.78	58.97	100	0	P	H
VHT80		21075	33.72	-40.28	74	42.09	38.63	11.52	48.98	150	360	P	H
CH 215		14050	51.57	-36.63	88.2	57.25	40.51	12.78	58.97	100	0	P	V
7025MHz		21075	34.16	-39.84	74	42.53	38.63	11.52	48.98	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ax 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 207 6985MHz		6985	88.32	-	-	77.57	35.64	8.72	33.61	100	12	P	H
		6985	82.76	-	-	72.01	35.64	8.72	33.61	100	12	A	H
		7160.28	50.63	-37.57	88.2	39.31	36.29	8.69	33.66	100	12	P	H
	*	7330.005	51.81	-22.19	74	39.81	36.94	8.8	33.74	100	12	P	H
		7139.355	44.65	-23.55	68.2	33.4	36.22	8.68	33.65	100	12	A	H
		7255.14	45.01	-8.99	54	33.3	36.68	8.74	33.71	100	12	A	H
		6985	90.59	-	-	79.84	35.64	8.72	33.61	100	317	P	V
		6985	86.29	-	-	75.54	35.64	8.72	33.61	100	317	A	V
		7134.705	52.02	-36.18	88.2	40.77	36.22	8.68	33.65	100	317	P	V
	*	7348.14	50.51	-23.49	74	38.4	37.01	8.84	33.74	100	317	P	V
		7125.87	46.47	-21.73	68.2	35.3	36.16	8.66	33.65	100	317	A	V
		7320.24	44.39	-9.61	54	32.38	36.94	8.8	33.73	100	317	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 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 207 6985MHz		13970	50.78	-37.42	88.2	56.52	40.48	12.74	58.96	100	0	P	H
		20955	34.57	-39.43	74	42.61	38.57	11.55	48.62	150	360	P	H
		13970	51.62	-36.58	88.2	57.36	40.48	12.74	58.96	100	0	P	V
		20955	35.48	-38.52	74	43.52	38.57	11.55	48.62	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

UNII-8 - 6875~7125MHz

WIFI 802.11ax HE160_Tx_CH207_LF(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)
802.11ax HE160 LF		30	23.25	-16.75	40	29.93	25.2	0.52	32.4	100	165	P	H
		53.28	22.1	-17.9	40	40.03	13.76	0.71	32.4	-	-	P	H
		101.78	24.65	-18.85	43.5	38.8	17.08	0.97	32.2	-	-	P	H
		156.1	21.35	-22.15	43.5	35.96	16.38	1.2	32.19	-	-	P	H
		288.02	22.92	-23.08	46	33.74	19.28	1.62	31.72	-	-	P	H
		991.27	30.62	-23.38	54	31.17	27.51	3.03	31.09	-	-	P	H
		30	29.53	-10.47	40	36.21	25.2	0.52	32.4	-	-	P	V
		52.31	32.83	-7.17	40	50.59	13.94	0.7	32.4	100	133	P	V
		100.81	22.22	-21.28	43.5	36.47	16.99	0.96	32.2	-	-	P	V
		196.84	22.91	-20.59	43.5	38.28	15.41	1.33	32.11	-	-	P	V
		647.89	27.52	-18.48	46	30.65	25.19	2.47	30.79	-	-	P	V
		929.19	29.65	-16.35	46	31.23	26.98	2.94	31.5	-	-	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	95.24	-	-	84.9	35.27	8.7	33.63	236	0	P	H
HT20		6875	87.65	-	-	77.31	35.27	8.7	33.63	236	0	A	H
CH 185		6875	99.05	-	-	88.71	35.27	8.7	33.63	100	18	P	V
6875MHz		6875	92.89	-	-	82.55	35.27	8.7	33.63	100	18	A	V
Remark	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	50.76	-37.44	88.2	56.49	40.35	12.64	58.72	100	0	P	H
HT20		20625	36.21	-37.79	74	48.68	38.38	11.63	52.94	150	360	P	H
CH 185		13750	50.76	-37.44	88.2	56.49	40.35	12.64	58.72	100	0	P	V
6875MHz		20625	37.27	-36.73	74	49.74	38.38	11.63	52.94	150	0	P	V
Remark	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	89.03	-	-	79.98	34.19	8.55	33.69	236	0	P	H
HT40		6525	84.4	-	-	75.35	34.19	8.55	33.69	236	0	A	H
CH 115		6525	101.21	-	-	92.16	34.19	8.55	33.69	100	15	P	V
6525MHz		6525	95.16	-	-	86.11	34.19	8.55	33.69	100	15	A	V
802.11n		6885	93.02	-	-	82.67	35.27	8.7	33.62	246	0	P	H
HT40		6885	88.05	-	-	77.7	35.27	8.7	33.62	246	0	A	H
CH 187		6885	96.25	-	-	85.9	35.27	8.7	33.62	100	15	P	V
6885MHz		6885	90.61	-	-	80.26	35.27	8.7	33.62	100	15	A	V
Remark	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	51.41	-36.79	88.2	57.09	39.93	12.35	57.96	100	0	P	H
HT40		19575	33.5	-40.5	74	47.65	37.63	11.57	53.81	150	360	P	H
CH 115		13050	51.05	-37.15	88.2	56.73	39.93	12.35	57.96	100	0	P	V
6525MHz		19575	32.96	-41.04	74	47.11	37.63	11.57	53.81	150	0	P	V
802.11n		13770	51.17	-37.03	88.2	56.9	40.36	12.65	58.74	100	0	P	H
HT40		20655	36.17	-37.83	74	48.63	38.39	11.63	52.94	150	360	P	H
CH 187		13770	51.17	-37.03	88.2	56.9	40.36	12.65	58.74	100	0	P	V
6885MHz		20655	37.33	-36.67	74	49.79	38.39	11.63	52.94	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Straddle Channel - 6505~6885MHz

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	89.16	-	-	80.11	34.23	8.51	33.69	246	0	P	H
VHT80		6545	82.33	-	-	73.28	34.23	8.51	33.69	246	0	A	H
CH 119		6545	99.8	-	-	90.75	34.23	8.51	33.69	100	16	P	V
6545MHz		6545	94.07	-	-	85.02	34.23	8.51	33.69	100	16	A	V
802.11ac		6865	91.4	-	-	81.16	35.21	8.66	33.63	239	0	P	H
VHT80		6865	85.6	-	-	75.36	35.21	8.66	33.63	239	0	A	H
CH 183		6865	95.88	-	-	85.64	35.21	8.66	33.63	100	15	P	H
6865MHz		6865	89.47	-	-	79.23	35.21	8.66	33.63	100	15	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel - 6505~6885MHz

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	50.41	-37.79	88.2	56.08	39.95	12.37	57.99	100	0	P	H
VHT80		19635	32.98	-41.02	74	47.08	37.65	11.55	53.76	150	360	P	H
CH 119		13090	50.72	-37.48	88.2	56.39	39.95	12.37	57.99	100	0	P	V
6545MHz		19635	33.86	-40.14	74	47.96	37.65	11.55	53.76	150	0	P	V
802.11ac		13730	50.05	-38.15	88.2	55.77	40.34	12.64	58.7	100	0	P	H
VHT80		20595	36.1	-37.9	74	48.58	38.36	11.64	52.94	150	360	P	H
CH 183		13730	50.69	-37.51	88.2	56.41	40.34	12.64	58.7	100	0	P	V
6865MHz		20595	36.25	-37.75	74	48.73	38.36	11.64	52.94	150	0	P	V
Remark	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	90.48	-	-	81.44	34.15	8.59	33.7	256	73	P	H
VHT160		6505	83.6	-	-	74.56	34.15	8.59	33.7	256	73	A	H
CH 111		6505	96.91	-	-	87.87	34.15	8.59	33.7	105	17	P	V
6505MHz		6505	90.43	-	-	81.39	34.15	8.59	33.7	105	17	A	V
802.11ac		6825	89.13	-	-	79.12	35.09	8.56	33.64	235	283	P	H
VHT160		6825	82.75	-	-	72.74	35.09	8.56	33.64	235	283	A	H
CH 175		6825	93.08	-	-	83.07	35.09	8.56	33.64	100	4	P	H
6825MHz		6825	86.5	-	-	76.49	35.09	8.56	33.64	100	4	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel

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		13010	50.74	-37.46	88.2	56.41	39.9	12.33	57.9	100	0	P	H
VHT160		19515	32.97	-41.03	74	47.23	37.61	11.54	53.87	150	360	P	H
CH 111		13010	51.69	-36.51	88.2	57.36	39.9	12.33	57.9	100	0	P	V
6505MHz		19515	33.15	-40.85	74	47.41	37.61	11.54	53.87	150	0	P	V
802.11ac		13650	50.74	-37.46	88.2	56.46	40.29	12.6	58.61	100	0	P	H
VHT160		20475	36.65	-37.35	74	49.36	38.27	11.53	52.97	150	360	P	H
CH 175		13650	51.69	-36.51	88.2	57.41	40.29	12.6	58.61	100	0	P	V
6825MHz		20475	37.09	-36.91	74	49.8	38.27	11.53	52.97	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



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

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. 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)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. 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)

2. 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	99.32	-	-	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