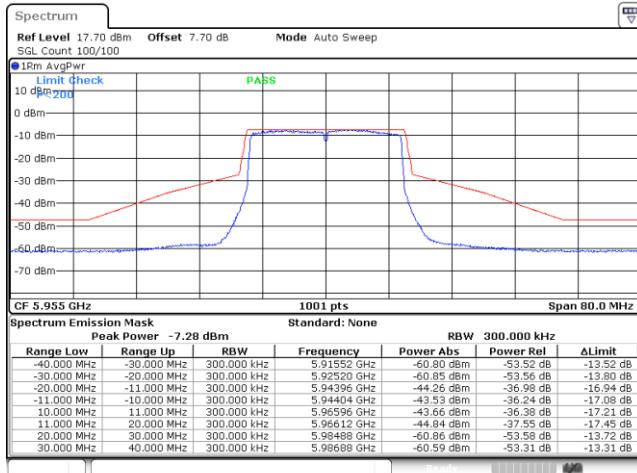


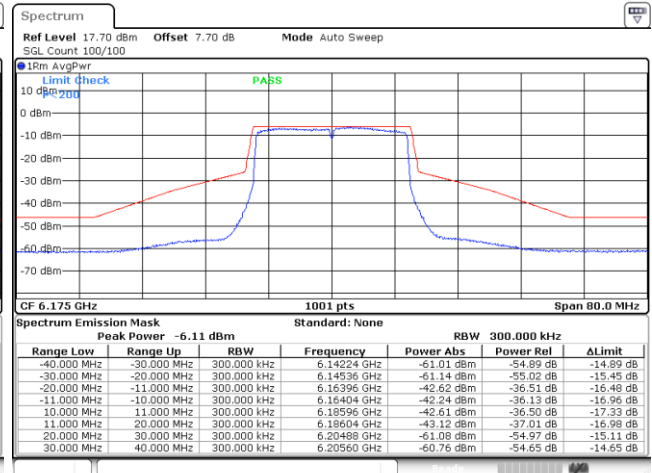


EUT Mode : 802.11ax HE20

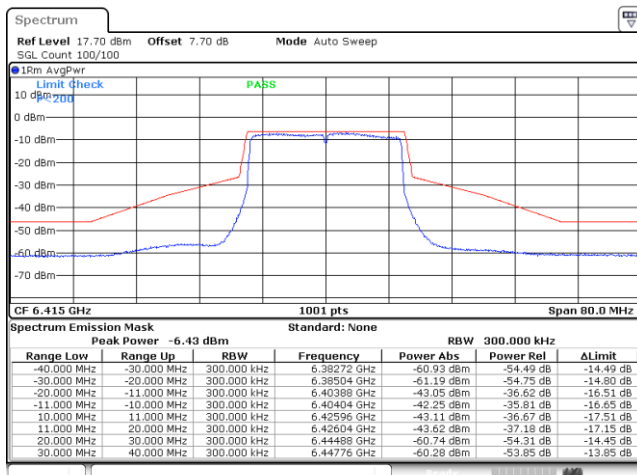
Plot on Channel 5955MHz



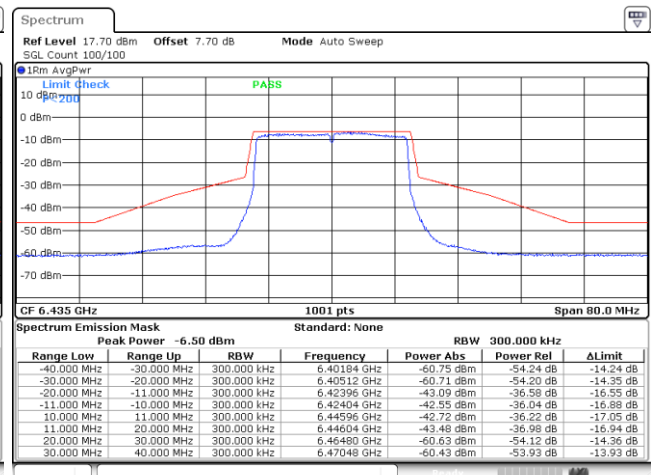
Plot on Channel 6175MHz



Plot on Channel 6415MHz

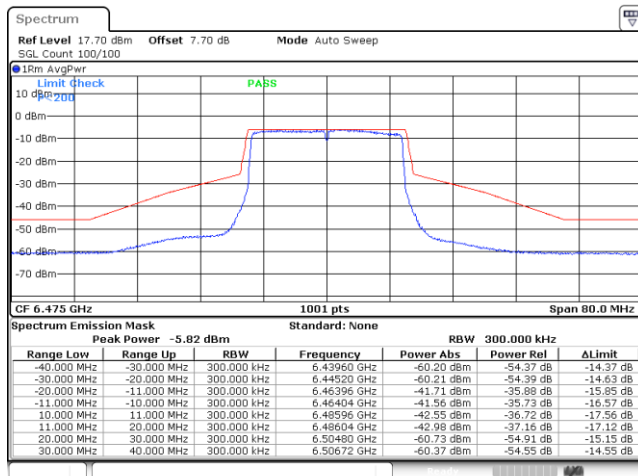


Plot on Channel 6435MHz



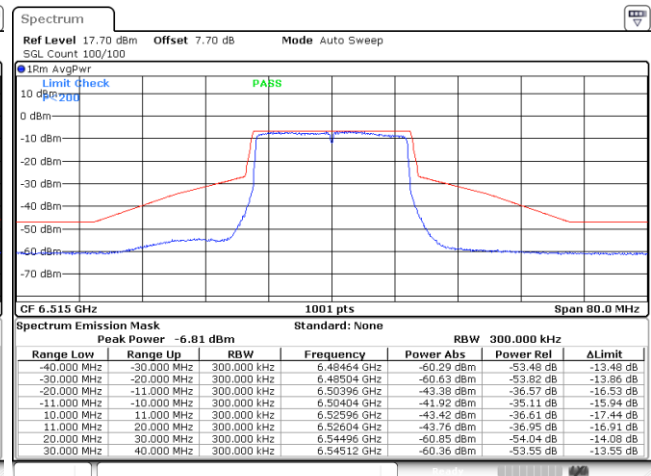


Plot on Channel 6475MHz



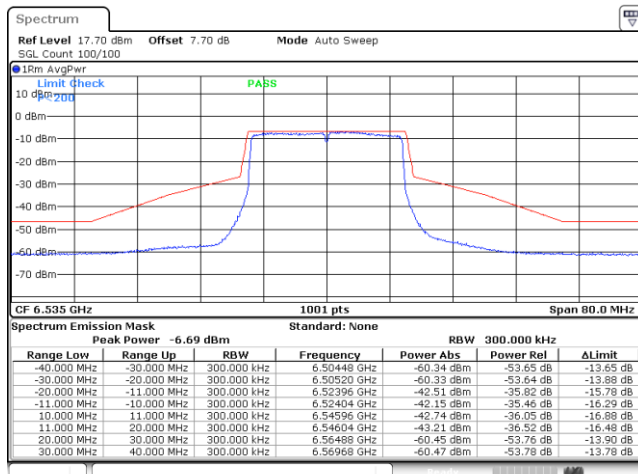
Date: 9.NOV.2021 14:41:43

Plot on Channel 6515MHz



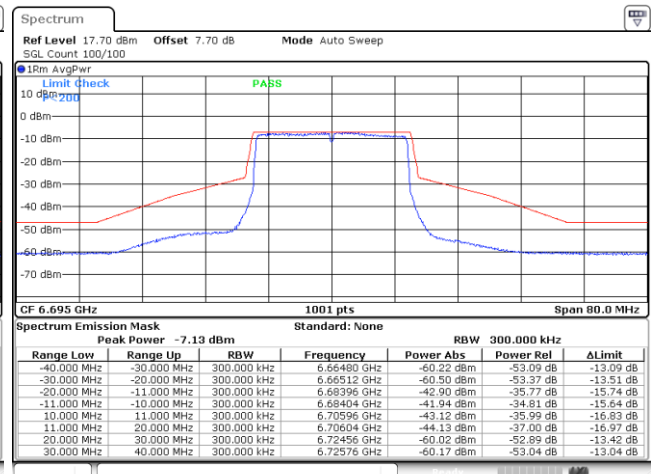
Date: 9.NOV.2021 14:43:24

Plot on Channel 6535MHz



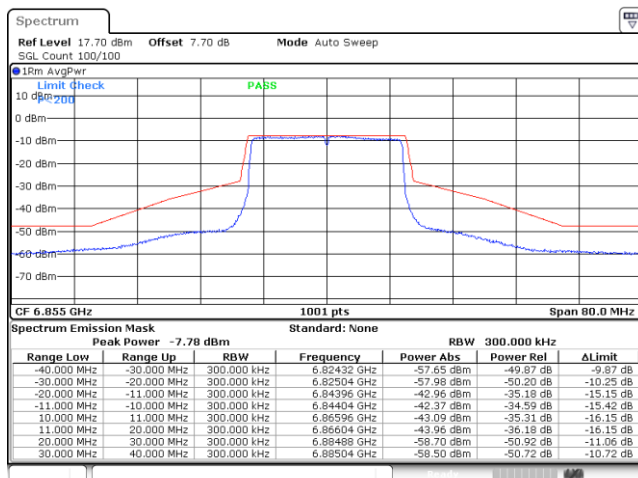
Date: 9.NOV.2021 14:47:49

Plot on Channel 6695MHz



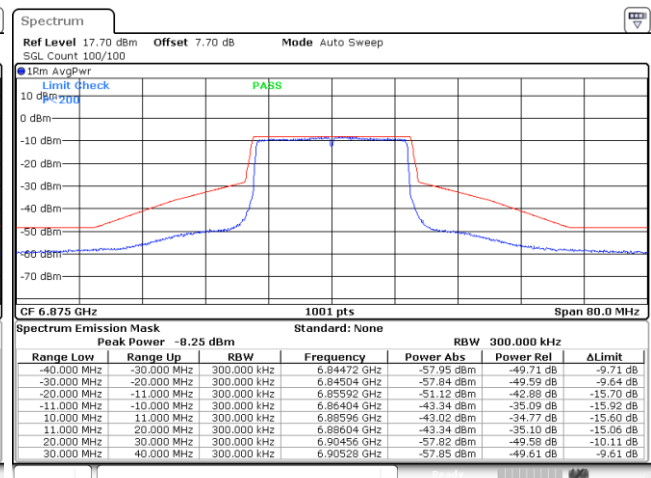
Date: 9.NOV.2021 14:49:24

Plot on Channel 6855MHz



Date: 9.NOV.2021 14:54:20

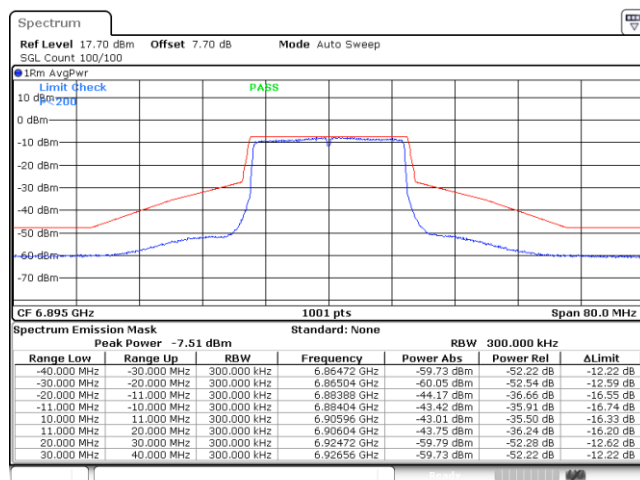
Plot on Channel 6875MHz



Date: 9.NOV.2021 14:55:57

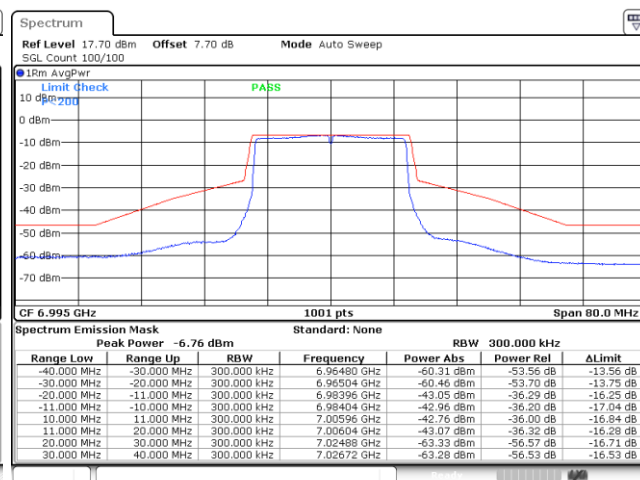


Plot on Channel 6895MHz



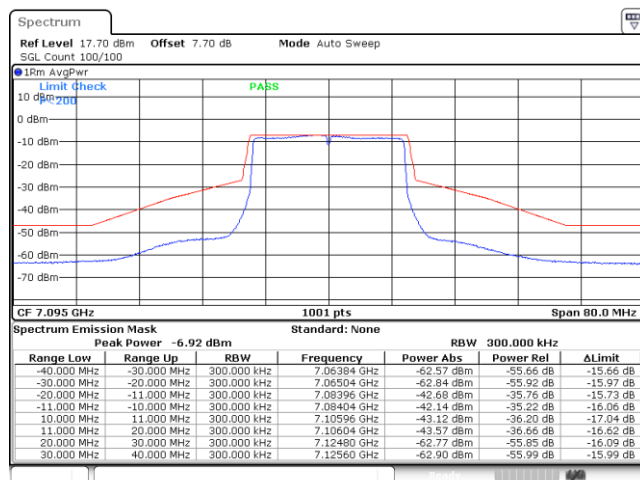
Date: 9.NOV.2021 15:01:01

Plot on Channel 6995MHz



Date: 9.NOV.2021 15:02:26

Plot on Channel 7095MHz

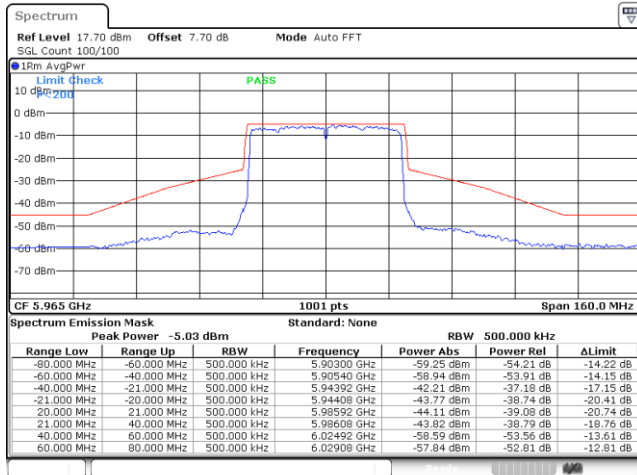


Date: 9.NOV.2021 15:07:15



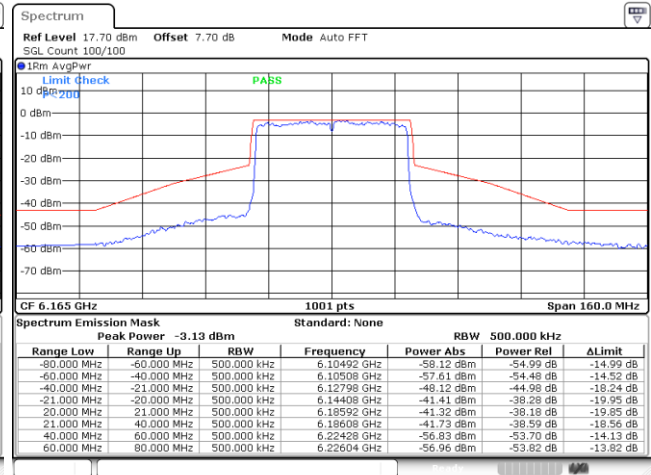
EUT Mode : 802.11ax HE40

Plot on Channel 5965MHz



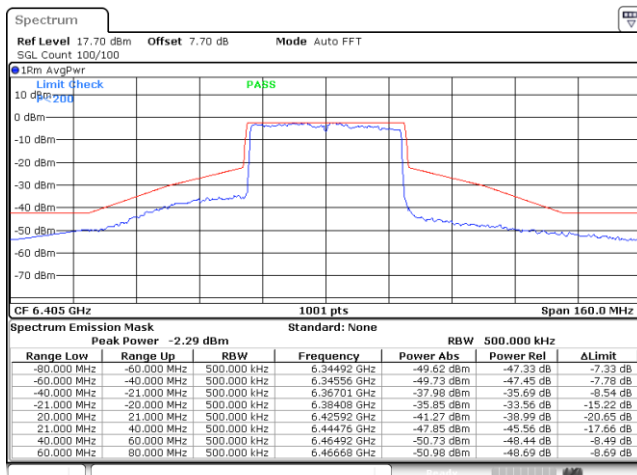
Date: 9.NOV.2021 15:20:36

Plot on Channel 6165MHz



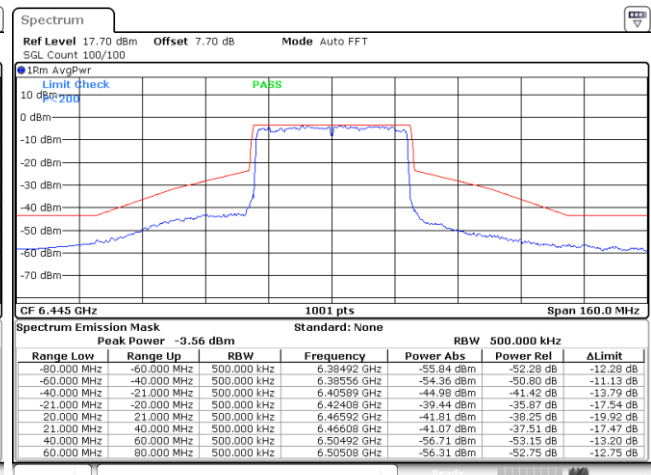
Date: 9.NOV.2021 15:42:45

Plot on Channel 6405MHz



Date: 9.NOV.2021 15:44:13

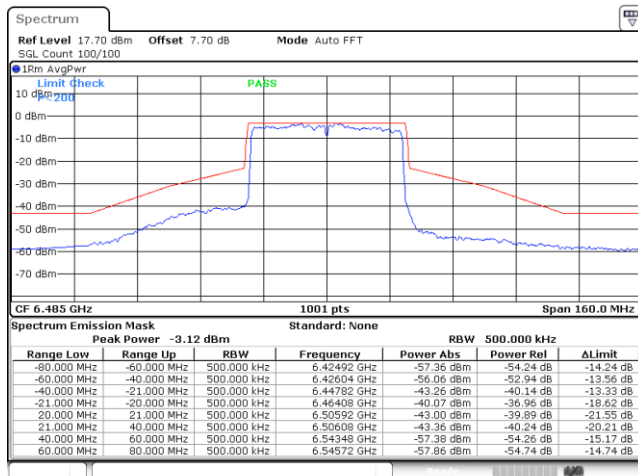
Plot on Channel 6445MHz



Date: 9.NOV.2021 15:47:21

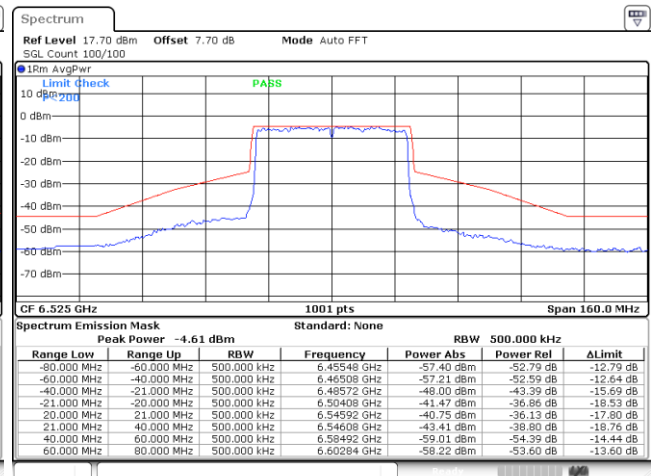


Plot on Channel 6485MHz



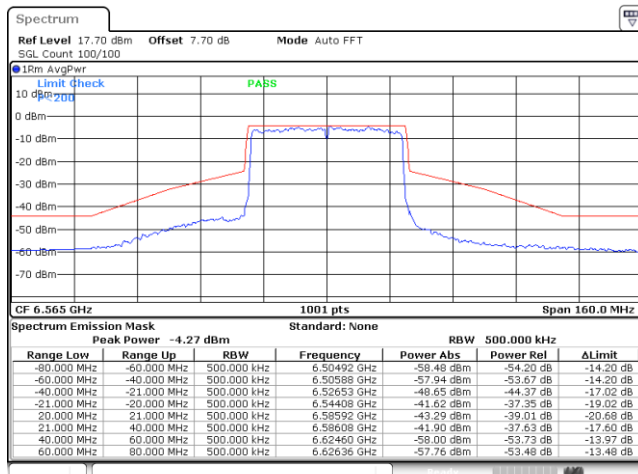
Date: 9.NOV.2021 15:48:28

Plot on Channel 6525MHz



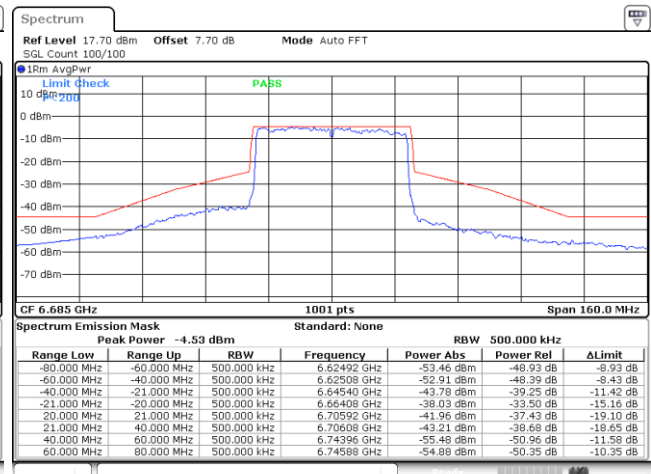
Date: 9.NOV.2021 15:51:57

Plot on Channel 6565MHz



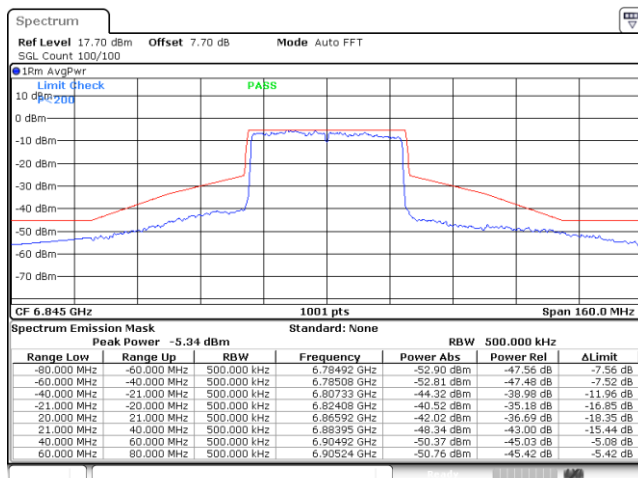
Date: 9.NOV.2021 15:58:23

Plot on Channel 6685MHz



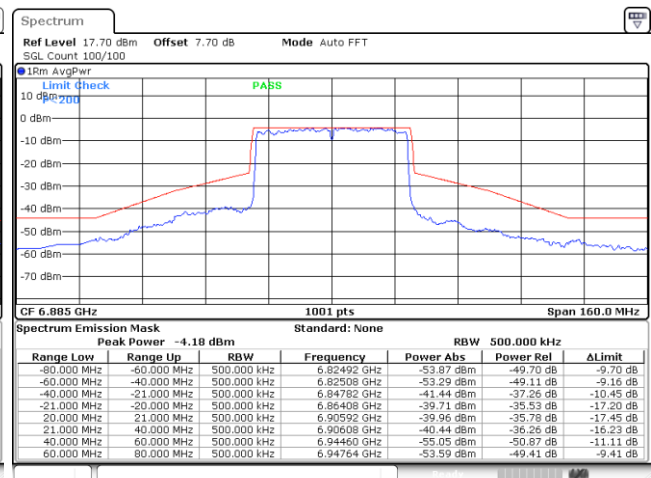
Date: 9.NOV.2021 16:02:12

Plot on Channel 6845MHz



Date: 9.NOV.2021 16:03:15

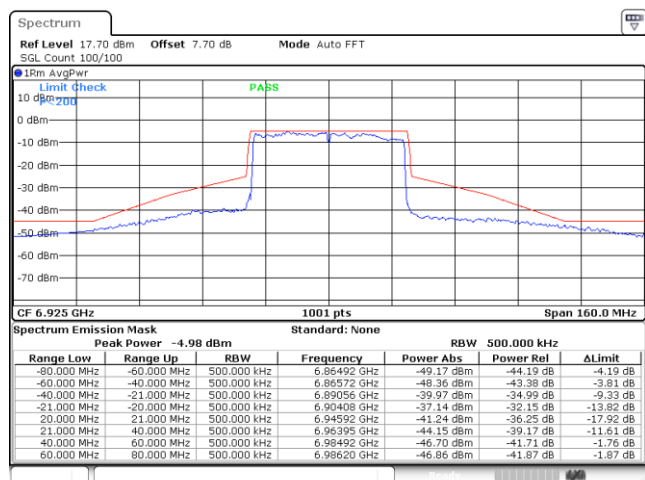
Plot on Channel 6885MHz



Date: 9.NOV.2021 16:13:00

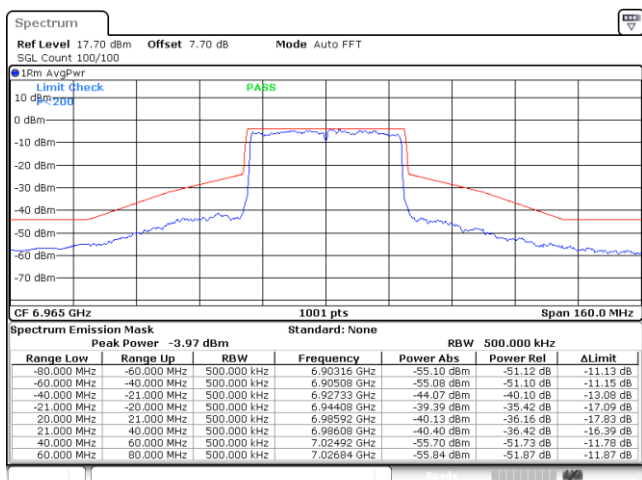


Plot on Channel 6925MHz



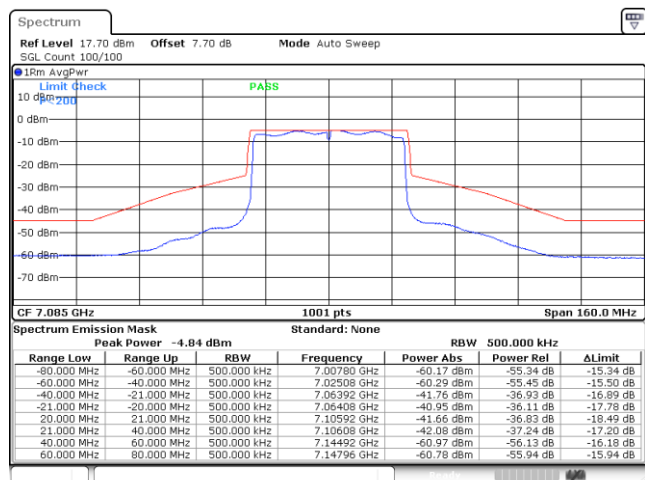
Date: 9.NOV.2021 16:18:10

Plot on Channel 6965MHz



Date: 9.NOV.2021 16:33:38

Plot on Channel 7085MHz

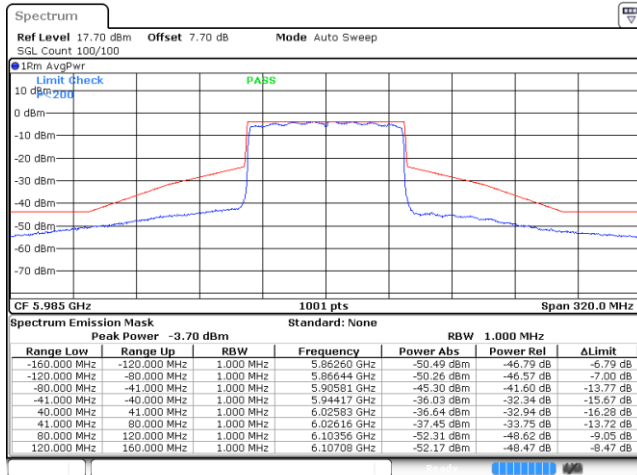


Date: 9.NOV.2021 16:35:47



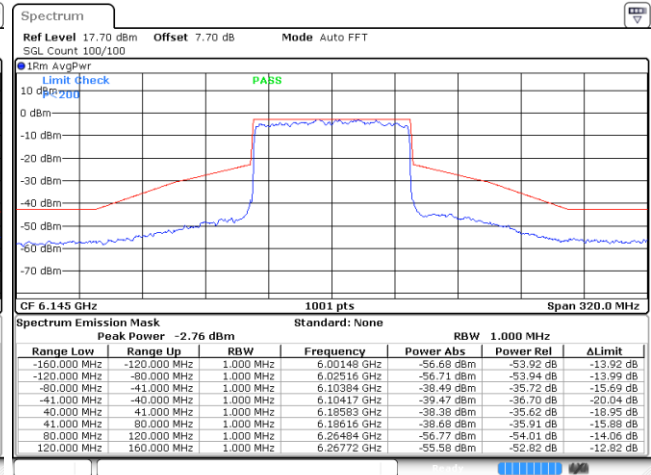
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



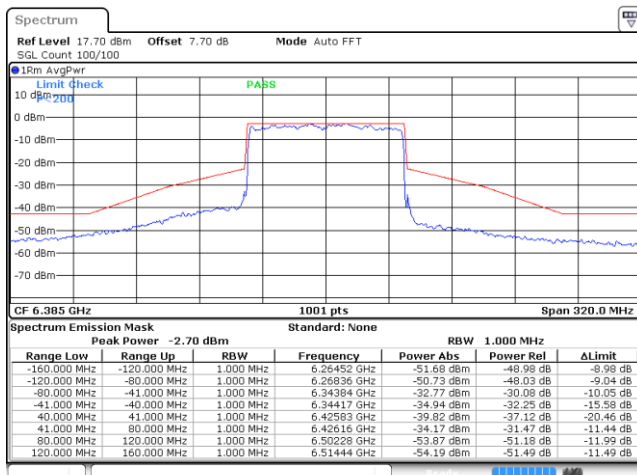
Date: 14 SEP.2021 22:28:43

Plot on Channel 6145MHz



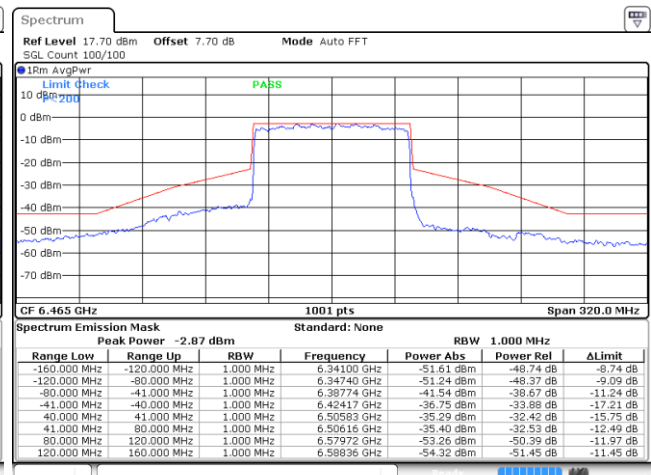
Date: 14 SEP.2021 23:00:07

Plot on Channel 6385MHz



Date: 14 SEP.2021 23:01:10

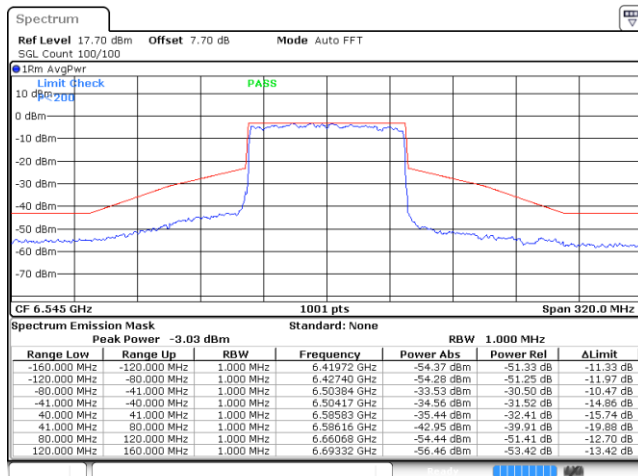
Plot on Channel 6465MHz



Date: 14 SEP.2021 23:03:08

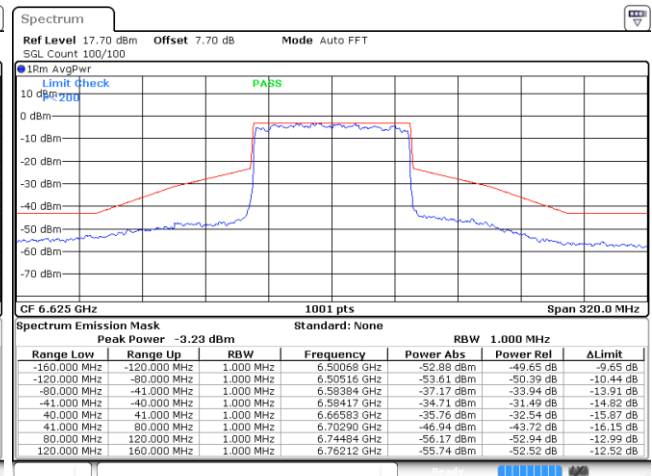


Plot on Channel 6545MHz



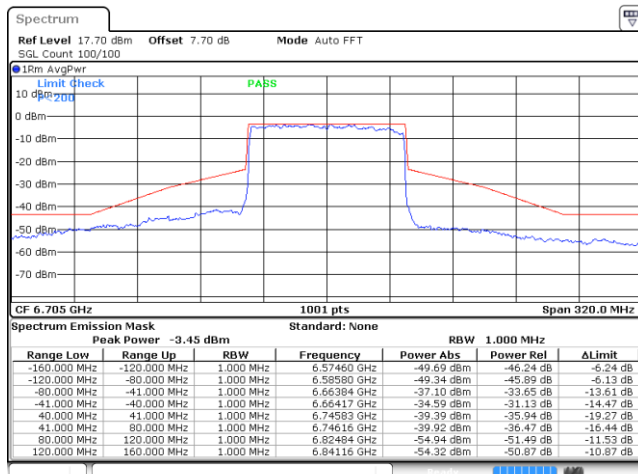
Date: 14 SEP.2021 23:04:04

Plot on Channel 6625MHz



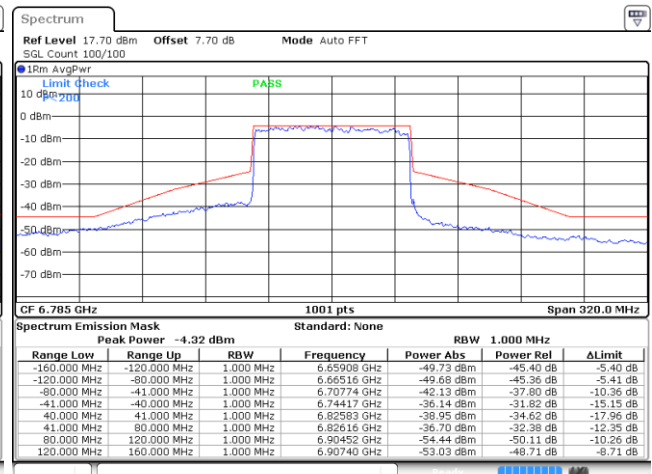
Date: 14 SEP.2021 23:05:29

Plot on Channel 6705MHz



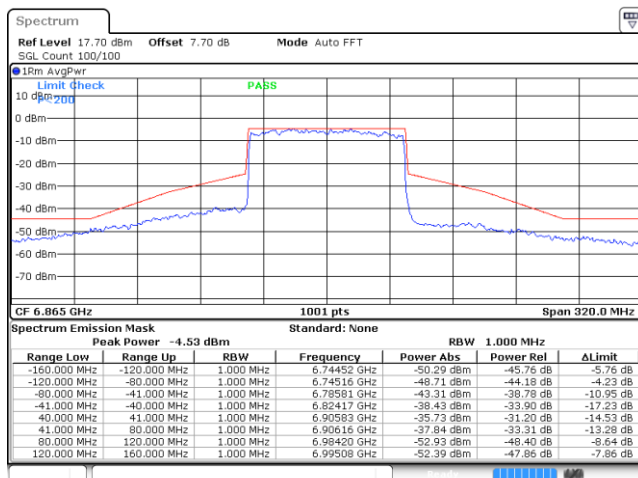
Date: 14 SEP.2021 23:06:00

Plot on Channel 6785MHz



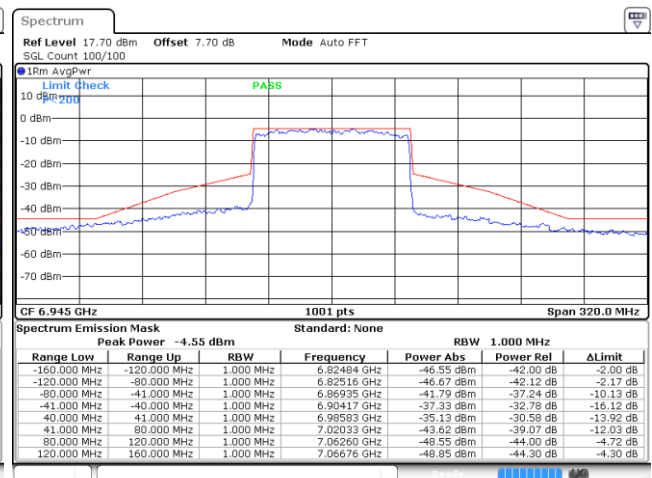
Date: 14 SEP.2021 23:07:58

Plot on Channel 6865MHz



Date: 14 SEP.2021 23:08:58

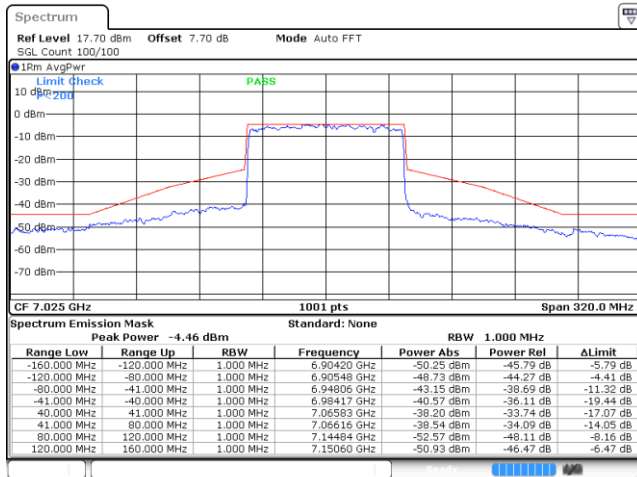
Plot on Channel 6945MHz



Date: 14 SEP.2021 23:12:48



Plot on Channel 7025MHz

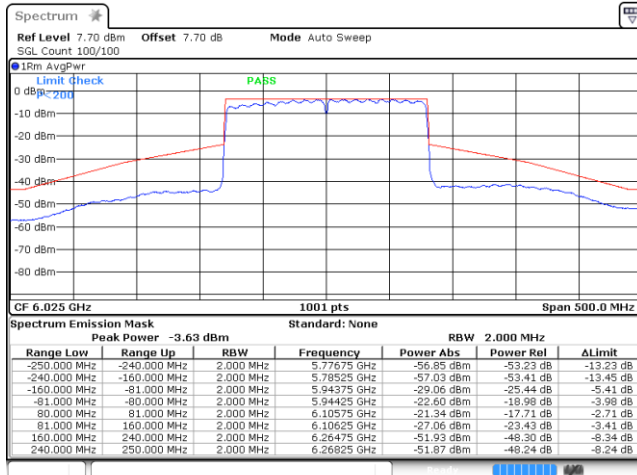


Date: 14 SEP 2021 23:13:31



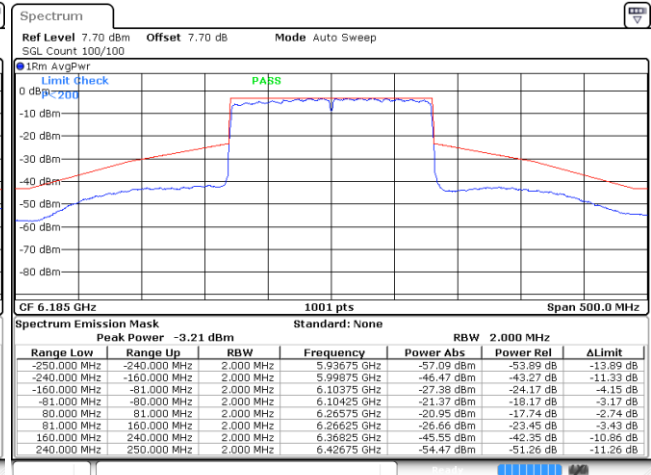
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



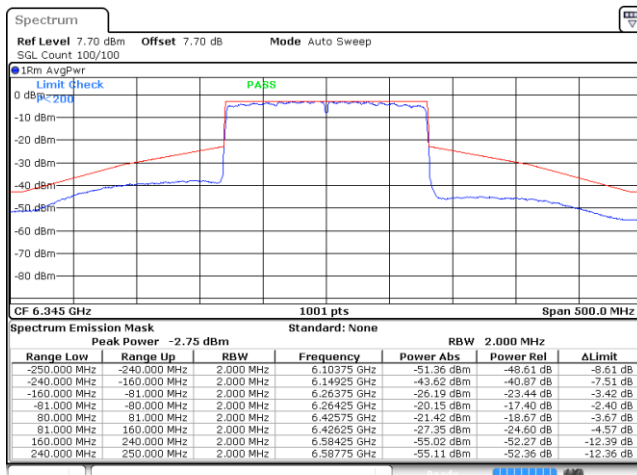
Date: 19.OCT.2021 13:18:14

Plot on Channel 6185MHz



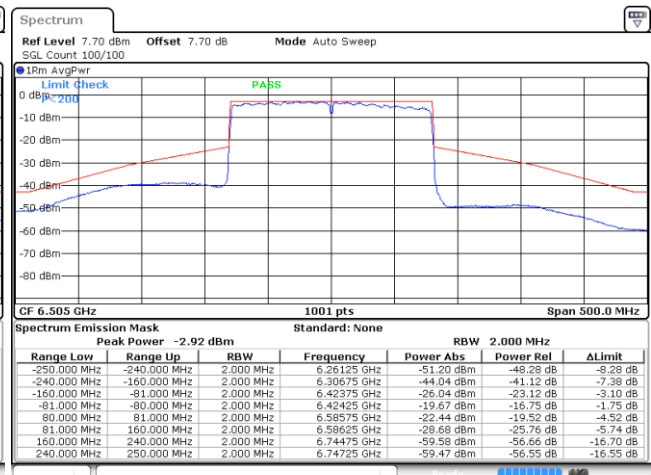
Date: 19.OCT.2021 13:24:02

Plot on Channel 6345MHz



Date: 19.OCT.2021 13:28:51

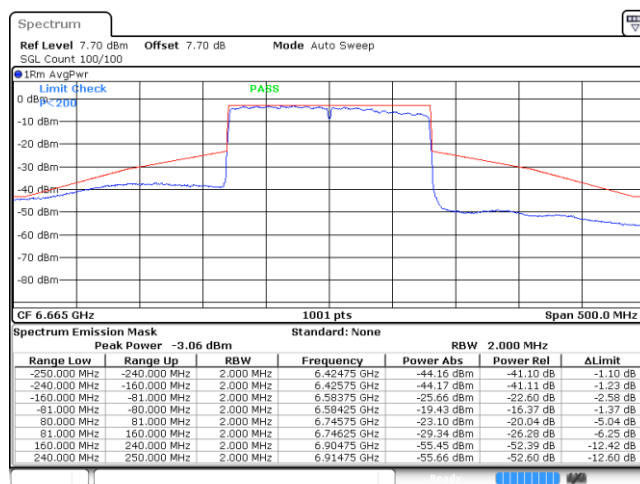
Plot on Channel 6505MHz



Date: 19.OCT.2021 14:47:08

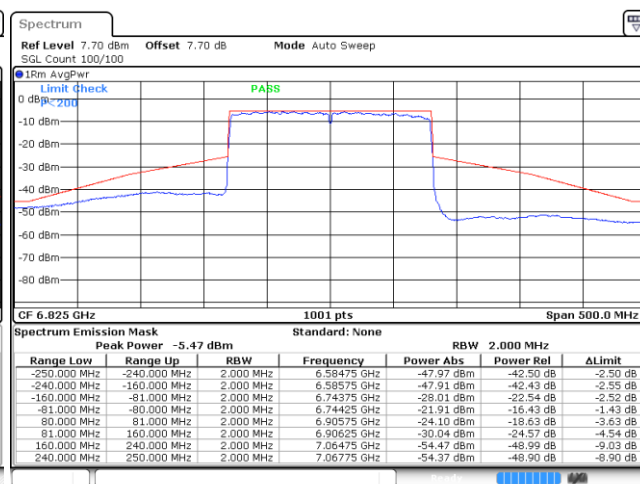


Plot on Channel 6665MHz



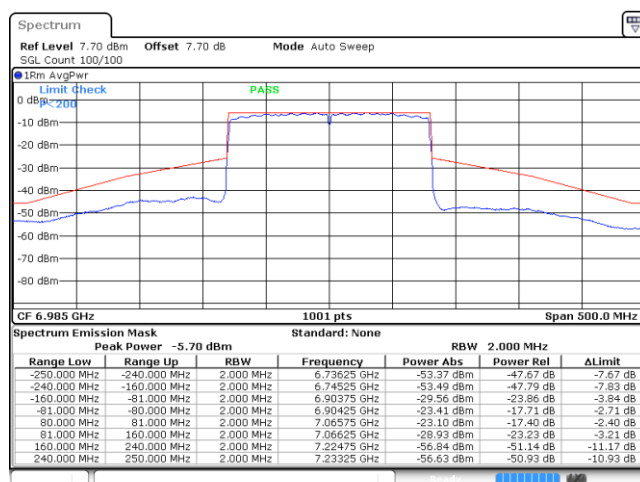
Date: 19.OCT.2021 14:49:49

Plot on Channel 6825MHz



Date: 19.OCT.2021 14:54:25

Plot on Channel 6985MHz



Date: 19.OCT.2021 14:56:20

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

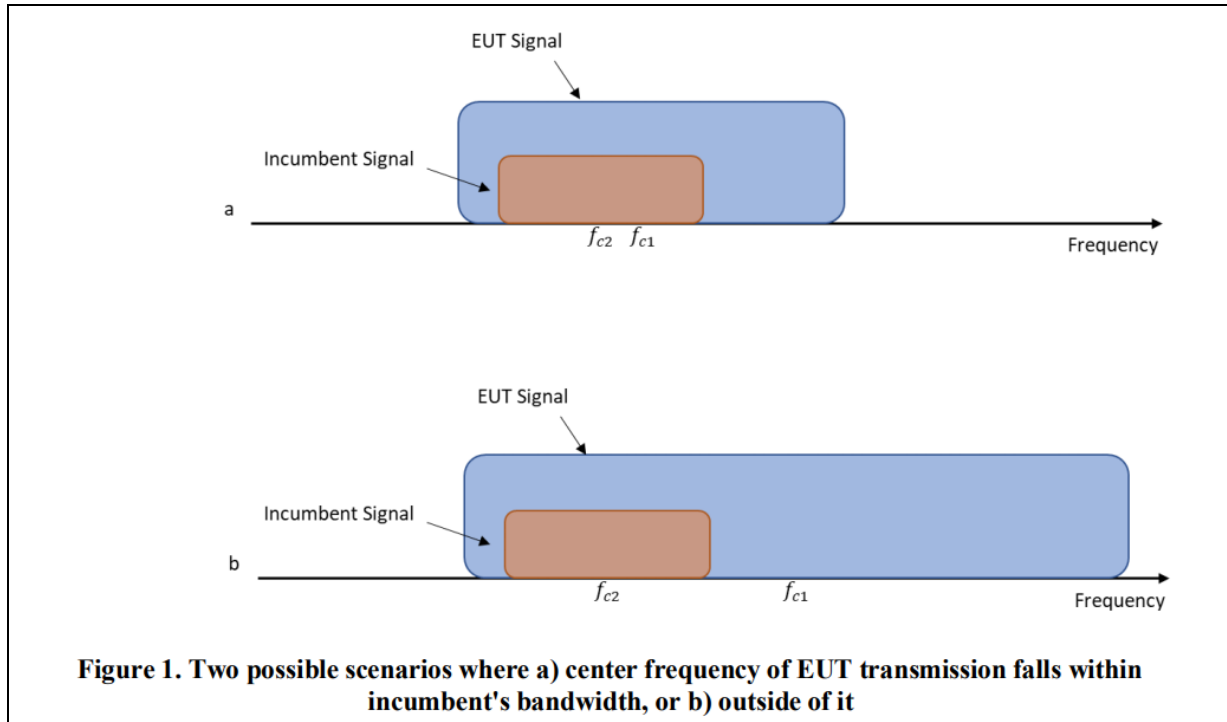
where:

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

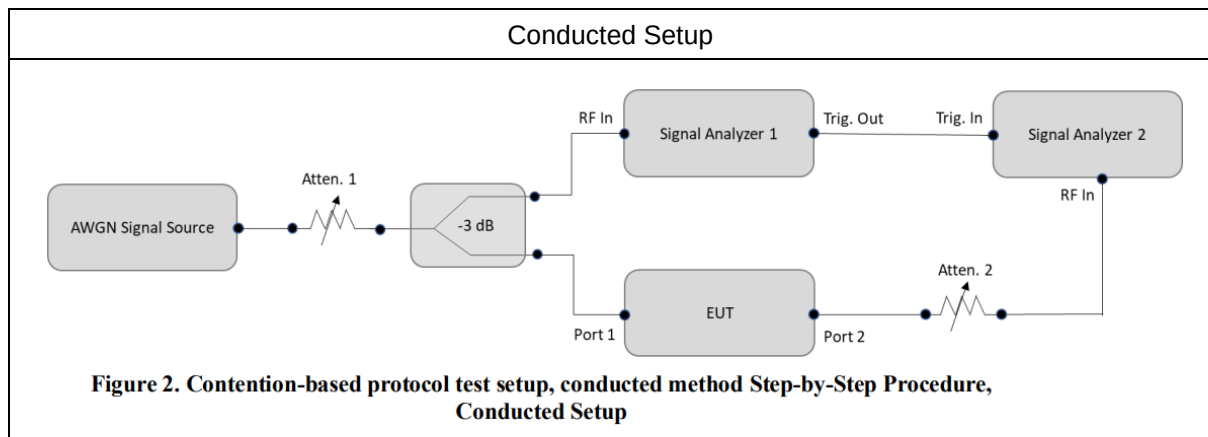
See list of measuring equipment of this test report.

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	P78G	LAN

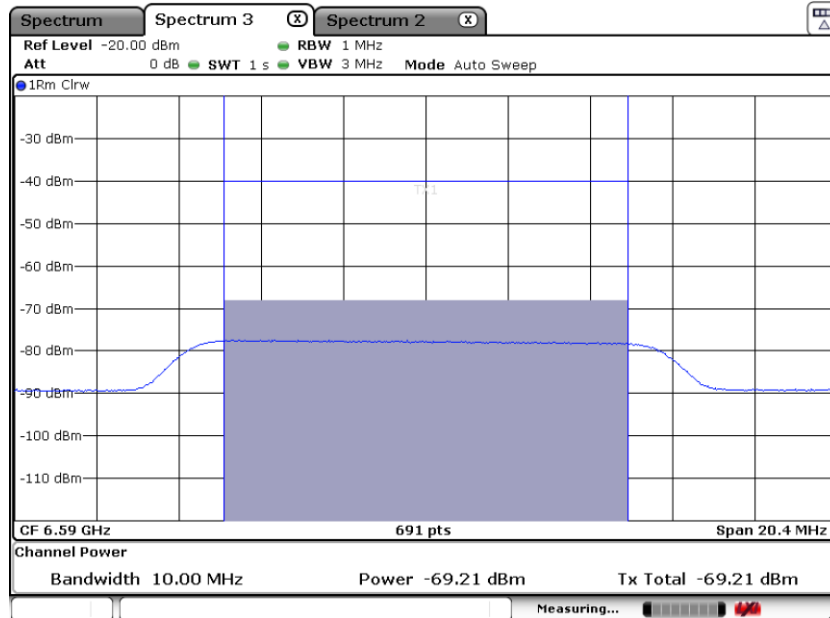
3.5.6 Test Summary of Contention Based Protocol Test

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	-73.77	100	-68.2	5.57
	6185	160	6110	-69.16	100	-68.2	0.96
			6185	-71.03	100	-68.2	2.83
			6260	-71.67	100	-68.2	3.47
UNII Band 6	6455	20	6455	-71.96	100	-68.6	3.36
	6505	160	6430	-71.37	100	-68.6	2.77
			6505	-72.64	100	-68.6	4.04
			6580	-74.7	100	-68.6	6.1
UNII Band 7	6695	20	6695	-73.12	100	-68.6	4.52
	6665	160	6590	-69.21	100	-68.6	0.61
			6665	-70.48	100	-68.6	1.88
			6740	-70.7	100	-68.6	2.1
UNII Band 8	7015	20	7015	-73.62	100	-69	4.62
	6985	160	6910	-70.43	100	-69	1.43
			6985	-74.54	100	-69	5.54
			7060	-73.36	100	-69	4.36

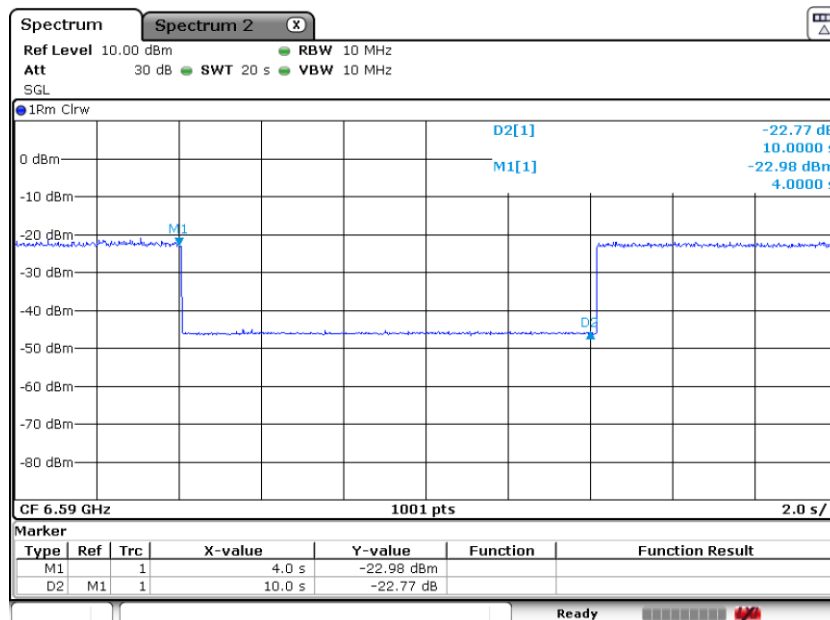
Note: Regulated Threshold Level (TL) = -62dBm + minimum antenna gain

3.5.7 Worst Case Plots of Contention Based Protocol

802.11ax (HE160) / 6590MHz
Threshold Level (TL) = -69.21 dBm/MHz



802.11ax (HE160) / 6590MHz
Test result is pass due to no transmission occur.



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

3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

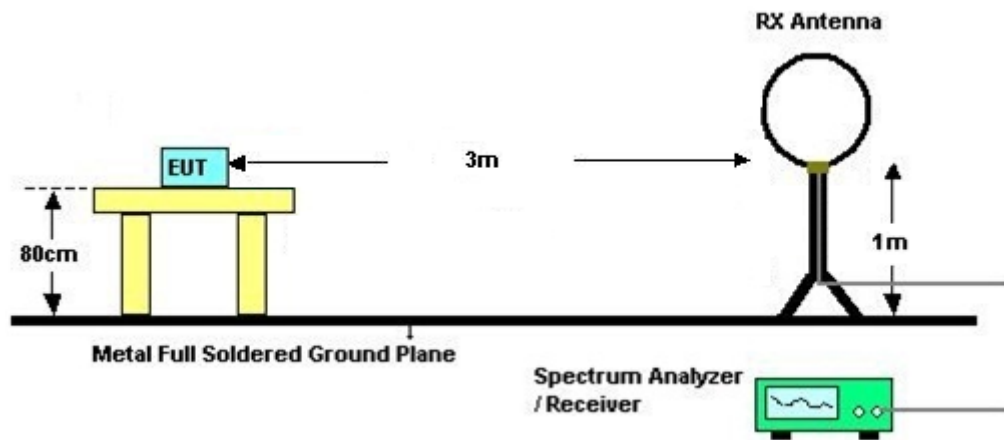
See list of measuring equipment of this test report.

3.6.3 Test Procedures

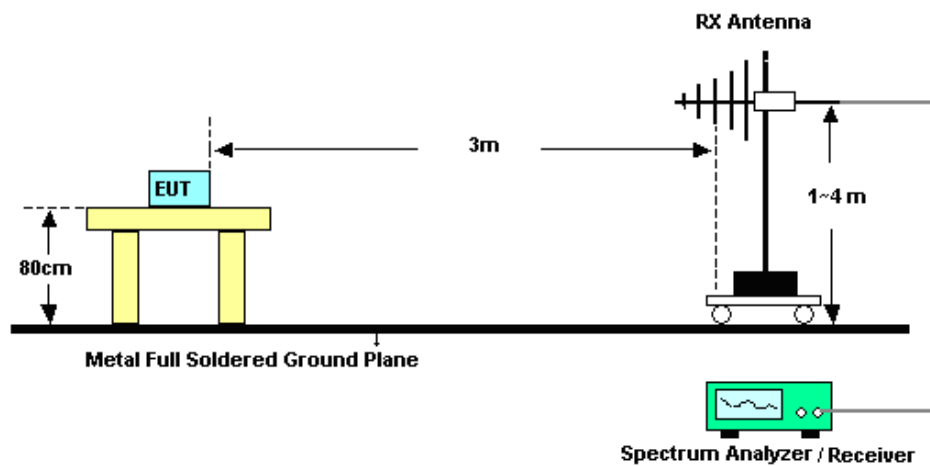
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak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

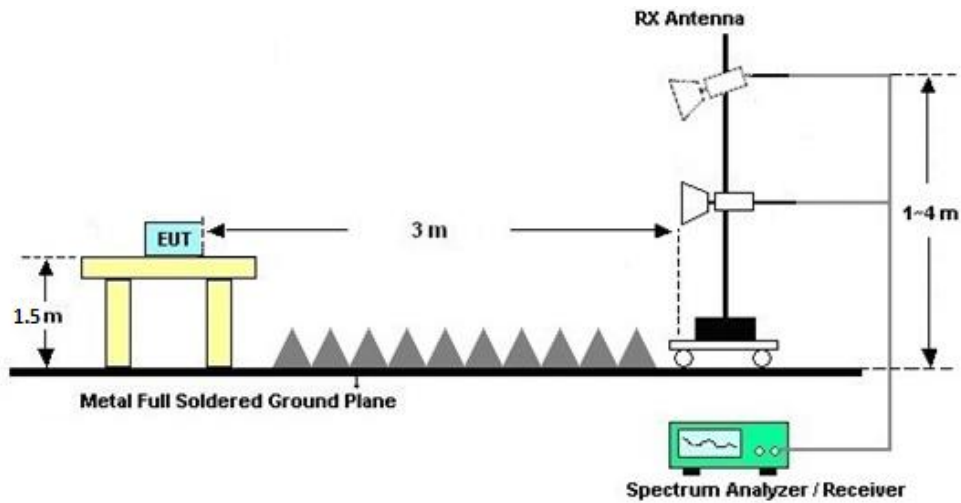
For radiated emissions below 30MHz



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

*Decreases with the logarithm of the frequency.

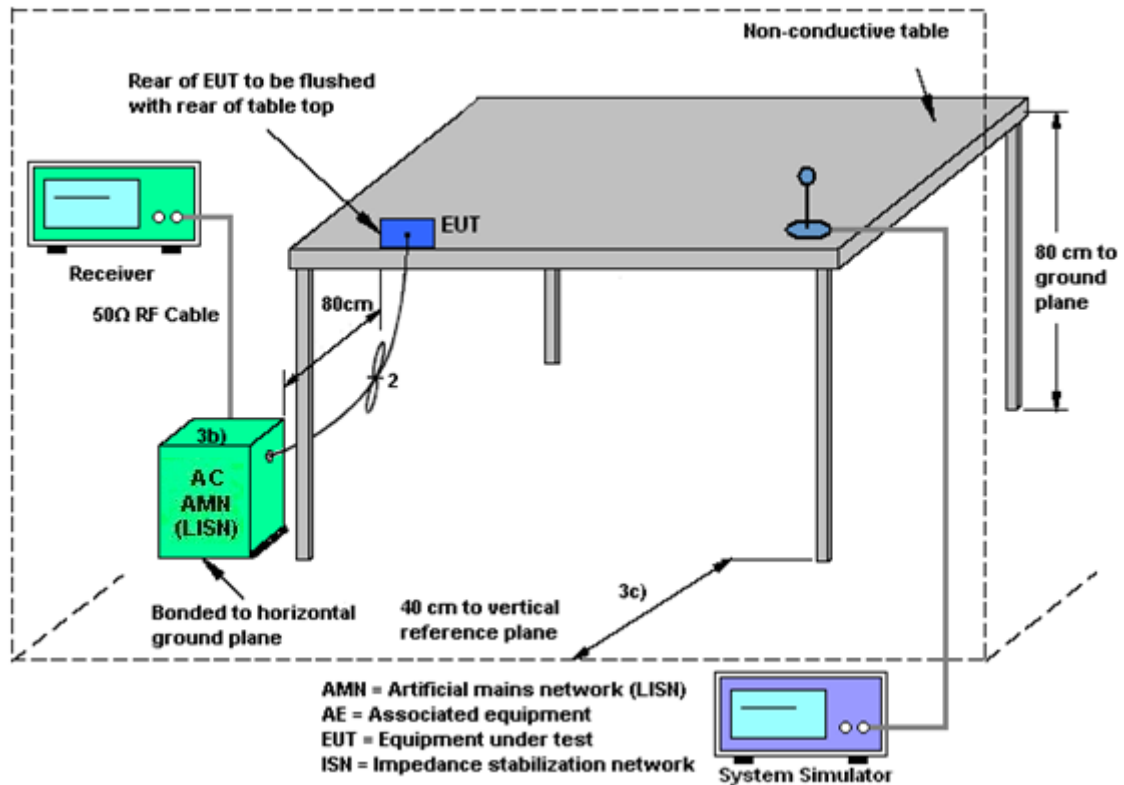
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Standard Applicable

§15.203: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used. The EUT complies with the requirement of 15.203.

3.8.3 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	-6.20	-6.20	-6.20	-3.19	0.00	0.00
U-NII-6	-6.20	-6.60	-6.20	-3.39	0.00	0.00
U-NII-7	-6.20	-6.60	-6.20	-3.39	0.00	0.00
U-NII-8	-6.60	-7.00	-6.60	-3.79	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	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Nov. 01, 2020	Sep. 14, 2021~ Nov. 09, 2021	Oct. 31, 2021	Conducted (TH01-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 31, 2021		Oct. 30, 2022	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 07, 2021	Sep. 14, 2021~ Nov. 09, 2021	Jan. 06, 2022	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 07, 2021	Sep. 14, 2021~ Nov. 09, 2021	Jan. 06, 2022	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY564000 04	3Hz~8.5GHz;Ma x 30dBm	Oct. 17, 2020	Sep. 24, 2021~ Oct. 03, 2021	Oct. 16, 2021	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY551502 44	10Hz~44G,MAX 30dB	Apr. 13, 2021	Sep. 24, 2021~ Oct. 03, 2021	Apr. 12, 2022	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Nov. 01, 2020	Sep. 24, 2021~ Oct. 03, 2021	Oct. 31, 2021	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz~1GHz	Jun. 04, 2021	Sep. 24, 2021~ Oct. 03, 2021	Jun. 03, 2022	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 24, 2021	Sep. 24, 2021~ Oct. 03, 2021	Apr. 23, 2022	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101115	18GHz~40GHz	Nov. 10, 2020	Sep. 24, 2021~ Oct. 03, 2021	Nov. 09, 2021	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	187289	9KHz~1GHz	Apr. 12, 2021	Sep. 24, 2021~ Oct. 03, 2021	Apr. 11, 2022	Radiation (03CH05-KS)
Amplifier	MITEQ	EM18G40GG A	060728	18~40GHz	Jan. 07, 2021	Sep. 24, 2021~ Oct. 03, 2021	Jan. 06, 2022	Radiation (03CH05-KS)
high gain Amplifier	MITEQ	AMF-7D-0010 1800-30-10P	2012228	1Ghz~18Ghz	Oct. 17, 2020	Sep. 24, 2021~ Oct. 03, 2021	Oct. 16, 2021	Radiation (03CH05-KS)
Amplifier	Keysight	83017A	MY532703 16	500MHz~26.5GH z	Oct. 17, 2020	Sep. 24, 2021~ Oct. 03, 2021	Oct. 16, 2021	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F1040900 04	N/A	NCR	Sep. 24, 2021~ Oct. 03, 2021	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Sep. 24, 2021~ Oct. 03, 2021	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Sep. 24, 2021~ Oct. 03, 2021	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESCi7	100768	9kHz~7GHz;	Apr. 21, 2021	Oct. 14, 2021	Apr. 20, 2022	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 17, 2020	Oct. 14, 2021	Oct. 16, 2021	Conduction (CO01-KS)
AC LISN	R&S	ENV216	100334	9kHz~30MHz	Oct. 17, 2020	Oct. 14, 2021	Oct. 16, 2021	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP00000 0811	AC 0V~300V, 45Hz~1000Hz	Oct. 17, 2020	Oct. 14, 2021	Oct. 16, 2021	Conduction (CO01-KS)
Signal Analyzer	R&S	FSV7	101472	10Hz~7GHz	Jan. 07, 2021	Sep. 13, 2021	Jan. 06, 2022	Conducted (DFS01-KS)
Vector Signal Generator	R&S	SMJ100A	101908	100kHz~6GHz	Jan. 07, 2021	Sep. 13, 2021	Jan. 06, 2022	Conducted (DFS01-KS)
Combiner	MTJ Cooperation	MTJ7114-M	N/A	0.5GHz~18GHz	NCR	Sep. 13, 2021	NCR	Conducted (DFS01-KS)

NCR: No Calibration Required



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.94dB
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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% ($U = 2Uc(y)$)	5.0dB
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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

Report Number : FR172703G

Test Engineer:	Albert Shi	Temperature:	21~25	°C
Test Date:	2021/9/14~2021/11/9	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	5955	16.48	16.33	19.18	18.93	
11a	6Mbps	2	6175	16.43	16.33	19.03	18.78	
11a	6Mbps	2	6415	16.28	16.38	19.08	18.88	

TEST RESULTS DATA
EIRP Power Table

Band V MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5955	0.03	0.03	8.89	9.69	12.32	-6.20		6.12	24.00	Pass
11a	6Mbps	2	6175	0.03	0.03	8.16	10.65	12.59	-6.20		6.39	24.00	Pass
11a	6Mbps	2	6415	0.03	0.03	8.24	10.35	12.43	-6.20		6.23	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5955	0.03	0.03			1.05	-3.19	-2.14	-1.00	Pass	
11a	6Mbps	2	6175	0.03	0.03			1.06	-3.19	-2.13	-1.00	Pass	
11a	6Mbps	2	6415	0.03	0.03			0.93	-3.19	-2.26	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6435	16.33	16.33	19.08	18.83	
11a	6Mbps	2	6475	16.28	16.33	19.13	18.93	
11a	6Mbps	2	6515	16.33	16.38	19.13	18.98	

TEST RESULTS DATA
EIRP Power Table

Band VI MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	0.03	0.03	9.28	10.36	12.87	-6.20		6.67	24.00	Pass
11a	6Mbps	2	6475	0.03	0.03	8.87	10.29	12.65	-6.20		6.45	24.00	Pass
11a	6Mbps	2	6515	0.03	0.03	9.16	9.51	12.35	-6.20		6.15	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM			
11a	6Mbps	2	6435	0.03	0.03			1.30	-3.39		-2.09	-1.00	Pass	
11a	6Mbps	2	6475	0.03	0.03				1.22	-3.39		-2.16	-1.00	Pass
11a	6Mbps	2	6515	0.03	0.03				1.08	-3.39		-2.31	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6535	16.33	16.38	19.13	18.83	
11a	6Mbps	2	6695	16.43	16.38	19.48	18.93	
11a	6Mbps	2	6855	16.43	16.38	19.08	18.93	

TEST RESULTS DATA
EIRP Power Table

Band VII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6535	0.03	0.03	9.14	9.55	12.36	-6.20		6.16	24.00	Pass
11a	6Mbps	2	6695	0.03	0.03	9.27	9.52	12.41	-6.20		6.21	24.00	Pass
11a	6Mbps	2	6855	0.03	0.03	10.00	9.08	12.58	-6.20		6.38	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VII MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM			
11a	6Mbps	2	6535	0.03	0.03			1.07	-3.39		-2.32	-1.00	Pass	
11a	6Mbps	2	6695	0.03	0.03				1.14	-3.39		-2.25	-1.00	Pass
11a	6Mbps	2	6855	0.03	0.03				1.26	-3.39		-2.12	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6875	16.33	16.88	19.18	18.73	
11a	6Mbps	2	6895	16.33	16.98	19.23	18.83	
11a	6Mbps	2	6995	16.43	16.88	18.83	18.68	
11a	6Mbps	2	7095	16.33	16.83	19.13	18.78	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6875	0.03	0.03	10.29	8.34	12.44	-6.20		6.24	24.00	Pass
11a	6Mbps	2	6895	0.03	0.03	10.35	8.88	12.69	-6.60		6.09	24.00	Pass
11a	6Mbps	2	6995	0.03	0.03	10.40	9.19	12.85	-6.60		6.25	24.00	Pass
11a	6Mbps	2	7095	0.03	0.03	9.99	9.68	12.85	-6.60		6.25	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VIII MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM			
11a	6Mbps	2	6875	0.03	0.03			1.15	-3.79		-2.64	-1.00	Pass	
11a	6Mbps	2	6895	0.03	0.03				1.36	-3.79		-2.43	-1.00	Pass
11a	6Mbps	2	6995	0.03	0.03				1.49	-3.79		-2.30	-1.00	Pass
11a	6Mbps	2	7095	0.03	0.03				1.61	-3.79		-2.18	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	5955	Full	18.88	18.93	21.03	21.08	
HE20	MCS0	2	6175	Full	18.93	18.93	21.18	21.03	
HE20	MCS0	2	6415	Full	19.03	18.98	21.33	20.93	
HE40	MCS0	2	5965	Full	37.76	37.86	40.37	40.46	
HE40	MCS0	2	6165	Full	37.76	37.96	40.37	40.46	
HE40	MCS0	2	6405	Full	38.06	37.86	40.55	40.37	
HE80	MCS0	2	5985	Full	77.08	76.96	81.68	82.00	
HE80	MCS0	2	6145	Full	77.08	77.20	82.00	81.84	
HE80	MCS0	2	6385	Full	77.08	77.20	81.84	82.16	
HE160	MCS0	2	6025	Full	156.56	156.56	164.64	165.59	
HE160	MCS0	2	6185	Full	156.56	156.08	164.96	165.27	
HE160	MCS0	2	6345	Full	156.08	156.56	165.91	164.96	

TEST RESULTS DATA
EIRP Power Table

Band V MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.00	0.00	9.33	9.95	12.66	-6.20		6.46	24.00	Pass
HE20	MCS0	2	5955	26/0	0.00	0.00	-0.44	0.36	2.99	-6.20		-3.21	24.00	Pass
HE20	MCS0	2	5955	52/37	0.00	0.00	1.96	1.68	4.83	-6.20		-1.37	24.00	Pass
HE20	MCS0	2	5955	106/53	0.00	0.00	5.56	5.45	8.52	-6.20		2.32	24.00	Pass
HE20	MCS0	2	6175	Full	0.00	0.00	8.72	11.08	13.07	-6.20		6.87	24.00	Pass
HE20	MCS0	2	6175	26/4	0.00	0.00	-0.51	1.97	3.91	-6.20		-2.29	24.00	Pass
HE20	MCS0	2	6175	52/39	0.00	0.00	2.32	3.19	5.79	-6.20		-0.41	24.00	Pass
HE20	MCS0	2	6175	106/53	0.00	0.00	4.32	6.25	8.40	-6.20		2.20	24.00	Pass
HE20	MCS0	2	6415	Full	0.00	0.00	8.66	10.80	12.87	-6.20		6.67	24.00	Pass
HE20	MCS0	2	6415	26/8	0.00	0.00	-2.51	1.72	3.11	-6.20		-3.09	24.00	Pass
HE20	MCS0	2	6415	52/40	0.00	0.00	2.19	2.88	5.56	-6.20		-0.64	24.00	Pass
HE20	MCS0	2	6415	106/54	0.00	0.00	4.31	6.28	8.42	-6.20		2.22	24.00	Pass
HE40	MCS0	2	5965	Full	0.00	0.00	12.38	12.77	15.59	-6.20		9.39	24.00	Pass
HE40	MCS0	2	5965	242/61	0.00	0.00	8.34	9.56	12.00	-6.20		5.80	24.00	Pass
HE40	MCS0	2	6165	Full	0.00	0.00	11.97	14.08	16.16	-6.20		9.96	24.00	Pass
HE40	MCS0	2	6165	242/61	0.00	0.00	7.76	10.14	12.12	-6.20		5.92	24.00	Pass
HE40	MCS0	2	6405	Full	0.00	0.00	12.94	15.01	17.11	-6.20		10.91	24.00	Pass
HE40	MCS0	2	6405	242/62	0.00	0.00	8.28	10.92	12.81	-6.20		6.61	24.00	Pass
HE80	MCS0	2	5985	Full	0.04	0.06	13.27	14.00	16.66	-6.20		10.46	24.00	Pass
HE80	MCS0	2	5985	484/65	0.07	0.04	9.28	10.25	12.80	-6.20		6.60	24.00	Pass
HE80	MCS0	2	6145	Full	0.04	0.06	12.09	14.29	16.34	-6.20		10.14	24.00	Pass
HE80	MCS0	2	6145	484/65	0.07	0.04	7.82	10.54	12.40	-6.20		6.20	24.00	Pass
HE80	MCS0	2	6385	Full	0.04	0.06	11.45	14.52	16.26	-6.20		10.06	24.00	Pass
HE80	MCS0	2	6385	484/66	0.07	0.04	7.13	10.60	12.21	-6.20		6.01	24.00	Pass
HE160	MCS0	2	6025	Full	0.03	0.03	12.91	14.49	16.78	-6.20		10.58	24.00	Pass
HE160	MCS0	2	6025	996/67	0.09	0.09	8.51	10.66	12.72	-6.20		6.52	24.00	Pass
HE160	MCS0	2	6185	Full	0.03	0.03	11.78	14.13	16.12	-6.20		9.92	24.00	Pass
HE160	MCS0	2	6185	996/67	0.09	0.09	7.61	10.54	12.33	-6.20		6.13	24.00	Pass
HE160	MCS0	2	6345	Full	0.03	0.03	11.68	14.45	16.29	-6.20		10.09	24.00	Pass
HE160	MCS0	2	6345	996/S67	0.09	0.09	7.86	10.61	12.46	-6.20		6.26	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.00	0.00			0.73	-3.19		-2.46	-1.00	Pass
HE20	MCS0	2	5955	26/0	0.00	0.00			-0.09	-3.19		-3.27	-1.00	Pass
HE20	MCS0	2	5955	52/37	0.00	0.00			-0.73	-3.19		-3.91	-1.00	Pass
HE20	MCS0	2	5955	106/53	0.00	0.00			0.60	-3.19		-2.59	-1.00	Pass
HE20	MCS0	2	6175	Full	0.00	0.00			0.95	-3.19		-2.24	-1.00	Pass
HE20	MCS0	2	6175	26/4	0.00	0.00			-0.10	-3.19		-3.29	-1.00	Pass
HE20	MCS0	2	6175	52/39	0.00	0.00			0.29	-3.19		-2.90	-1.00	Pass
HE20	MCS0	2	6175	106/53	0.00	0.00			0.66	-3.19		-2.53	-1.00	Pass
HE20	MCS0	2	6415	Full	0.00	0.00			0.96	-3.19		-2.23	-1.00	Pass
HE20	MCS0	2	6415	26/8	0.00	0.00			0.18	-3.19		-3.01	-1.00	Pass
HE20	MCS0	2	6415	52/40	0.00	0.00			0.69	-3.19		-2.50	-1.00	Pass
HE20	MCS0	2	6415	106/54	0.00	0.00			0.56	-3.19		-2.63	-1.00	Pass
HE40	MCS0	2	5965	Full	0.00	0.00			0.68	-3.19		-2.51	-1.00	Pass
HE40	MCS0	2	5965	242/61	0.00	0.00			0.52	-3.19		-2.67	-1.00	Pass
HE40	MCS0	2	6165	Full	0.00	0.00			0.91	-3.19		-2.28	-1.00	Pass
HE40	MCS0	2	6165	242/61	0.00	0.00			0.48	-3.19		-2.71	-1.00	Pass
HE40	MCS0	2	6405	Full	0.00	0.00			1.55	-3.19		-1.64	-1.00	Pass
HE40	MCS0	2	6405	242/62	0.00	0.00			1.26	-3.19		-1.93	-1.00	Pass
HE80	MCS0	2	5985	Full	0.04	0.06			-1.43	-3.19		-4.62	-1.00	Pass
HE80	MCS0	2	5985	484/65	0.07	0.04			-1.87	-3.19		-5.06	-1.00	Pass
HE80	MCS0	2	6145	Full	0.04	0.06		-1.82	-3.19		-5.01	-1.00	Pass	
HE80	MCS0	2	6145	484/65	0.07	0.04		-2.14	-3.19		-5.33	-1.00	Pass	
HE80	MCS0	2	6385	Full	0.04	0.06		-2.22	-3.19		-5.41	-1.00	Pass	
HE80	MCS0	2	6385	484/66	0.07	0.04		-2.22	-3.19		-5.41	-1.00	Pass	
HE160	MCS0	2	6025	Full	0.03	0.03		-4.12	-3.19		-7.31	-1.00	Pass	
HE160	MCS0	2	6025	996/67	0.09	0.09		-4.66	-3.19		-7.85	-1.00	Pass	
HE160	MCS0	2	6185	Full	0.03	0.03		-4.84	-3.19		-8.03	-1.00	Pass	
HE160	MCS0	2	6185	996/67	0.09	0.09		-5.25	-3.19		-8.44	-1.00	Pass	
HE160	MCS0	2	6345	Full	0.03	0.03		-4.93	-3.19		-8.12	-1.00	Pass	
HE160	MCS0	2	6345	996/S67	0.09	0.09		-4.98	-3.19		-8.17	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6435	Full	19.03	18.98	21.18	21.08	
HE20	MCS0	2	6475	Full	19.03	18.98	21.13	21.18	
HE20	MCS0	2	6515	Full	19.08	18.98	21.18	21.33	
HE40	MCS0	2	6445	Full	38.06	37.96	40.64	40.46	
HE40	MCS0	2	6485	Full	38.06	37.96	40.64	40.19	
HE40	MCS0	2	6525	Full	38.06	37.96	40.64	40.55	
HE80	MCS0	2	6465	Full	77.44	77.32	82.80	82.48	
HE80	MCS0	2	6545	Full	77.32	77.32	82.32	82.48	
HE160	MCS0	2	6505	Full	156.56	156.56	165.27	164.96	

TEST RESULTS DATA
EIRP Power Table

Band VI MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	097	6435	Full	0.00	0.00	9.29	10.67	13.04	-6.20	6.84	24.00	Pass	
HE20	MCS0	2	097	6435	26/0	0.00	0.00	-0.59	1.69	3.71	-6.20	-2.49	24.00	Pass	
HE20	MCS0	2	097	6435	52/37	0.00	0.00	2.02	4.39	6.38	-6.20	0.18	24.00	Pass	
HE20	MCS0	2	097	6435	106/53	0.00	0.00	4.82	6.47	8.73	-6.20	2.53	24.00	Pass	
HE20	MCS0	2	105	6475	Full	0.00	0.00	9.47	10.92	13.27	-6.20	7.07	24.00	Pass	
HE20	MCS0	2	105	6475	26/4	0.00	0.00	-0.12	1.69	3.89	-6.20	-2.31	24.00	Pass	
HE20	MCS0	2	105	6475	52/39	0.00	0.00	2.74	3.39	6.09	-6.20	-0.11	24.00	Pass	
HE20	MCS0	2	105	6475	106/54	0.00	0.00	4.94	6.27	8.67	-6.20	2.47	24.00	Pass	
HE20	MCS0	2	113	6515	Full	0.00	0.00	9.97	10.41	13.21	-6.20	7.01	24.00	Pass	
HE20	MCS0	2	113	6515	26/8	0.00	0.00	-0.46	1.19	3.45	-6.20	-2.75	24.00	Pass	
HE20	MCS0	2	113	6515	52/40	0.00	0.00	3.15	1.87	5.57	-6.20	-0.63	24.00	Pass	
HE20	MCS0	2	113	6515	106/54	0.00	0.00	5.96	6.23	9.11	-6.20	2.91	24.00	Pass	
HE40	MCS0	2	099	6445	Full	0.00	0.00	12.53	14.05	16.37	-6.20	10.17	24.00	Pass	
HE40	MCS0	2	099	6445	242/61	0.00	0.00	8.49	10.23	12.46	-6.20	6.26	24.00	Pass	
HE40	MCS0	2	107	6485	Full	0.00	0.00	12.11	13.73	16.01	-6.20	9.81	24.00	Pass	
HE40	MCS0	2	107	6485	242/62	0.00	0.00	8.25	10.31	12.41	-6.20	6.21	24.00	Pass	
HE40	MCS0	2	115	6525	Full	0.00	0.00	13.04	13.26	16.16	-6.20	9.96	24.00	Pass	
HE40	MCS0	2	115	6525	242/62	0.00	0.00	8.57	9.63	12.14	-6.20	5.94	24.00	Pass	
HE80	MCS0	2	103	6465	Full	0.04	0.06	12.76	14.35	16.64	-6.20	10.44	24.00	Pass	
HE80	MCS0	2	103	6465	484/65	0.07	0.04	9.01	10.82	13.02	-6.20	6.82	24.00	Pass	
HE80	MCS0	2	119	6545	Full	0.04	0.06	13.65	14.13	16.91	-6.20	10.71	24.00	Pass	
HE80	MCS0	2	119	6545	484/66	0.07	0.04	9.45	9.65	12.56	-6.20	6.36	24.00	Pass	
HE160	MCS0	2	111	6505	Full	0.03	0.03	13.76	14.00	16.89	-6.20	10.69	24.00	Pass	
HE160	MCS0	2	111	6505	996/67	0.09	0.09	9.21	10.17	12.72	-6.20	6.52	24.00	Pass	
HE160	MCS0	2	111	6505	996/S67	0.09	0.09	9.42	9.51	12.47	-6.20	6.27	24.00	Pass	

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6435	Full	0.00	0.00		0.92	-3.39	-2.47	-1.00	Pass		
HE20	MCS0	2	6435	26/0	0.00	0.00		0.69	-3.39	-2.70	-1.00	Pass		
HE20	MCS0	2	6435	52/37	0.00	0.00		0.83	-3.39	-2.56	-1.00	Pass		
HE20	MCS0	2	6435	106/53	0.00	0.00		0.57	-3.39	-2.82	-1.00	Pass		
HE20	MCS0	2	6475	Full	0.00	0.00		1.08	-3.39	-2.31	-1.00	Pass		
HE20	MCS0	2	6475	26/4	0.00	0.00		-0.08	-3.39	-3.47	-1.00	Pass		
HE20	MCS0	2	6475	52/39	0.00	0.00		0.64	-3.39	-2.75	-1.00	Pass		
HE20	MCS0	2	6475	106/54	0.00	0.00		0.80	-3.39	-2.59	-1.00	Pass		
HE20	MCS0	2	6515	Full	0.00	0.00		1.20	-3.39	-2.19	-1.00	Pass		
HE20	MCS0	2	6515	26/8	0.00	0.00		0.46	-3.39	-2.93	-1.00	Pass		
HE20	MCS0	2	6515	52/40	0.00	0.00		0.72	-3.39	-2.67	-1.00	Pass		
HE20	MCS0	2	6515	106/54	0.00	0.00		1.19	-3.39	-2.19	-1.00	Pass		
HE40	MCS0	2	6445	Full	0.00	0.00		1.31	-3.39	-2.08	-1.00	Pass		
HE40	MCS0	2	6445	242/61	0.00	0.00		0.84	-3.39	-2.55	-1.00	Pass		
HE40	MCS0	2	6485	Full	0.00	0.00		1.01	-3.39	-2.38	-1.00	Pass		
HE40	MCS0	2	6485	242/62	0.00	0.00		0.98	-3.39	-2.41	-1.00	Pass		
HE40	MCS0	2	6525	Full	0.00	0.00	1.18	-3.39	-2.20	-1.00	Pass			
HE40	MCS0	2	6525	242/62	0.00	0.00	0.74	-3.39	-2.65	-1.00	Pass			
HE80	MCS0	2	6465	Full	0.04	0.06	-1.49	-3.39	-4.88	-1.00	Pass			
HE80	MCS0	2	6465	484/65	0.07	0.04	-2.38	-3.39	-5.77	-1.00	Pass			
HE80	MCS0	2	6545	Full	0.04	0.06	-1.37	-3.39	-4.76	-1.00	Pass			
HE80	MCS0	2	6545	484/66	0.07	0.04	-1.74	-3.39	-5.13	-1.00	Pass			
HE160	MCS0	2	6505	Full	0.03	0.03	-4.36	-3.39	-7.75	-1.00	Pass			
HE160	MCS0	2	6505	996/67	0.09	0.09	-4.77	-3.39	-8.16	-1.00	Pass			
HE160	MCS0	2	6505	996/S67	0.09	0.09	-4.73	-3.39	-8.11	-1.00	Pass			

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO									
Mod.	Data Rate	Ntx	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6535	Full	19.03	18.98	21.28	21.03	
HE20	MCS0	2	6695	Full	18.98	18.98	21.28	21.18	
HE20	MCS0	2	6855	Full	18.98	18.98	21.13	20.98	
HE40	MCS0	2	6565	Full	38.06	37.96	40.55	40.46	
HE40	MCS0	2	6685	Full	38.06	37.96	40.73	40.64	
HE40	MCS0	2	6845	Full	37.86	38.06	40.46	40.46	
HE80	MCS0	2	6625	Full	77.32	77.32	82.32	82.32	
HE80	MCS0	2	6705	Full	77.20	77.08	82.48	82.64	
HE80	MCS0	2	6785	Full	77.32	77.44	82.16	82.16	
HE80	MCS0	2	6865	Full	77.44	77.44	82.32	82.00	
HE160	MCS0	2	6665	Full	156.80	156.56	165.27	164.64	
HE160	MCS0	2	6825	Full	156.56	156.80	165.27	165.91	

TEST RESULTS DATA
EIRP Power Table

Band VII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.00	0.00	9.88	10.46	13.19	-6.20		6.99	24.00	Pass
HE20	MCS0	2	6535	26/0	0.00	0.00	0.02	0.85	3.47	-6.20		-2.73	24.00	Pass
HE20	MCS0	2	6535	52/37	0.00	0.00	2.87	3.95	6.45	-6.20		0.25	24.00	Pass
HE20	MCS0	2	6535	106/53	0.00	0.00	5.32	6.07	8.72	-6.20		2.52	24.00	Pass
HE20	MCS0	2	6695	Full	0.00	0.00	10.24	10.14	13.20	-6.20		7.00	24.00	Pass
HE20	MCS0	2	6695	26/4	0.00	0.00	0.63	1.77	4.25	-6.20		-1.95	24.00	Pass
HE20	MCS0	2	6695	52/38	0.00	0.00	2.89	2.85	5.88	-6.20		-0.32	24.00	Pass
HE20	MCS0	2	6695	106/53	0.00	0.00	5.56	5.51	8.55	-6.20		2.35	24.00	Pass
HE20	MCS0	2	6855	Full	0.00	0.00	10.46	9.37	12.96	-6.20		6.76	24.00	Pass
HE20	MCS0	2	6855	26/8	0.00	0.00	0.49	-1.11	2.77	-6.20		-3.43	24.00	Pass
HE20	MCS0	2	6855	52/40	0.00	0.00	3.21	2.08	5.69	-6.20		-0.51	24.00	Pass
HE20	MCS0	2	6855	106/54	0.00	0.00	6.61	5.13	8.94	-6.20		2.74	24.00	Pass
HE40	MCS0	2	6565	Full	0.00	0.00	13.46	12.93	16.21	-6.20		10.01	24.00	Pass
HE40	MCS0	2	6565	242/61	0.00	0.00	9.49	9.30	12.41	-6.20		6.21	24.00	Pass
HE40	MCS0	2	6685	Full	0.00	0.00	12.88	12.53	15.72	-6.20		9.52	24.00	Pass
HE40	MCS0	2	6685	242/61	0.00	0.00	8.83	9.09	11.97	-6.20		5.77	24.00	Pass
HE40	MCS0	2	6845	Full	0.00	0.00	13.62	12.37	16.05	-6.20		9.85	24.00	Pass
HE40	MCS0	2	6845	242/62	0.00	0.00	9.29	8.47	11.91	-6.20		5.71	24.00	Pass
HE80	MCS0	2	6625	Full	0.04	0.06	14.11	13.89	17.01	-6.20		10.81	24.00	Pass
HE80	MCS0	2	6625	484/65	0.07	0.04	9.69	9.53	12.62	-6.20		6.42	24.00	Pass
HE80	MCS0	2	6705	Full	0.04	0.06	13.75	13.74	16.75	-6.20		10.55	24.00	Pass
HE80	MCS0	2	6705	484/65	0.07	0.04	9.94	10.13	13.04	-6.20		6.84	24.00	Pass
HE80	MCS0	2	6785	Full	0.04	0.06	12.86	12.94	15.91	-6.20		9.71	24.00	Pass
HE80	MCS0	2	6785	484/66	0.07	0.04	9.05	8.71	11.89	-6.20		5.69	24.00	Pass
HE80	MCS0	2	6865	Full	0.04	0.06	14.34	12.72	16.62	-6.20		10.42	24.00	Pass
HE80	MCS0	2	6865	484/66	0.07	0.04	9.81	8.12	12.05	-6.20		5.85	24.00	Pass
HE160	MCS0	2	6665	Full	0.03	0.03	14.24	14.22	17.24	-6.20		11.04	24.00	Pass
HE160	MCS0	2	6665	996/67	0.09	0.09	9.37	9.66	12.53	-6.20		6.33	24.00	Pass
HE160	MCS0	2	6825	Full	0.03	0.03	13.29	11.85	15.64	-6.20		9.44	24.00	Pass
HE160	MCS0	2	6825	996/67	0.09	0.09	9.00	8.25	11.65	-6.20		5.45	24.00	Pass
HE160	MCS0	2	6825	996/S67	0.09	0.09	9.47	8.50	12.02	-6.20		5.82	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VII MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	6535	Full	0.00	0.00		1.24	-3.39	-2.15	-1.00	Pass		
HE20	MCS0	2	6535	26/0	0.00	0.00		0.41	-3.39	-2.98	-1.00	Pass		
HE20	MCS0	2	6535	52/37	0.00	0.00		0.87	-3.39	-2.51	-1.00	Pass		
HE20	MCS0	2	6535	106/53	0.00	0.00		1.03	-3.39	-2.36	-1.00	Pass		
HE20	MCS0	2	6695	Full	0.00	0.00		1.19	-3.39	-2.20	-1.00	Pass		
HE20	MCS0	2	6695	26/4	0.00	0.00		0.11	-3.39	-3.27	-1.00	Pass		
HE20	MCS0	2	6695	52/38	0.00	0.00		1.02	-3.39	-2.37	-1.00	Pass		
HE20	MCS0	2	6695	106/53	0.00	0.00		0.73	-3.39	-2.66	-1.00	Pass		
HE20	MCS0	2	6855	Full	0.00	0.00		1.02	-3.39	-2.37	-1.00	Pass		
HE20	MCS0	2	6855	26/8	0.00	0.00		-0.24	-3.39	-3.63	-1.00	Pass		
HE20	MCS0	2	6855	52/40	0.00	0.00		0.79	-3.39	-2.60	-1.00	Pass		
HE20	MCS0	2	6855	106/54	0.00	0.00		0.98	-3.39	-2.41	-1.00	Pass		
HE40	MCS0	2	6565	Full	0.00	0.00		1.26	-3.39	-2.13	-1.00	Pass		
HE40	MCS0	2	6565	242/61	0.00	0.00		0.85	-3.39	-2.53	-1.00	Pass		
HE40	MCS0	2	6685	Full	0.00	0.00		0.89	-3.39	-2.50	-1.00	Pass		
HE40	MCS0	2	6685	242/61	0.00	0.00		0.67	-3.39	-2.72	-1.00	Pass		
HE40	MCS0	2	6845	Full	0.00	0.00		1.08	-3.39	-2.31	-1.00	Pass		
HE40	MCS0	2	6845	242/62	0.00	0.00		0.58	-3.39	-2.81	-1.00	Pass		
HE80	MCS0	2	6625	Full	0.04	0.06		-1.09	-3.39	-4.47	-1.00	Pass		
HE80	MCS0	2	6625	484/65	0.07	0.04		-1.51	-3.39	-4.90	-1.00	Pass		
HE80	MCS0	2	6705	Full	0.04	0.06	-0.99	-3.39	-4.38	-1.00	Pass			
HE80	MCS0	2	6705	484/65	0.07	0.04	-1.10	-3.39	-4.49	-1.00	Pass			
HE80	MCS0	2	6785	Full	0.04	0.06	-1.82	-3.39	-5.21	-1.00	Pass			
HE80	MCS0	2	6785	484/66	0.07	0.04	-2.39	-3.39	-5.78	-1.00	Pass			
HE80	MCS0	2	6865	Full	0.04	0.06	-1.80	-3.39	-5.18	-1.00	Pass			
HE80	MCS0	2	6865	484/66	0.07	0.04	-2.24	-3.39	-5.63	-1.00	Pass			
HE160	MCS0	2	6665	Full	0.03	0.03	-3.77	-3.39	-7.15	-1.00	Pass			
HE160	MCS0	2	6665	996/67	0.09	0.09	-4.31	-3.39	-7.70	-1.00	Pass			
HE160	MCS0	2	6825	Full	0.03	0.03	-5.19	-3.39	-8.58	-1.00	Pass			
HE160	MCS0	2	6825	996/67	0.09	0.09	-5.19	-3.39	-8.58	-1.00	Pass			
HE160	MCS0	2	6825	996/S67	0.09	0.09	-5.27	-3.39	-8.66	-1.00	Pass			

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO									
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6875	Full	18.98	18.93	20.93	21.03	
HE20	MCS0	2	6895	Full	18.93	18.93	20.88	20.98	
HE20	MCS0	2	6995	Full	18.98	18.98	20.98	20.73	
HE20	MCS0	2	7095	Full	18.93	18.98	21.03	20.93	
HE40	MCS0	2	6885	Full	37.86	38.16	40.55	40.46	
HE40	MCS0	2	6925	Full	38.06	38.06	40.28	40.64	
HE40	MCS0	2	6965	Full	37.96	38.16	40.28	40.73	
HE40	MCS0	2	7085	Full	38.06	38.06	40.28	40.37	
HE80	MCS0	2	6945	Full	77.32	77.44	82.32	82.48	
HE80	MCS0	2	7025	Full	77.08	77.56	81.52	82.16	
HE160	MCS0	2	6985	Full	156.80	156.56	165.91	165.27	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.00	0.00	10.72	8.82	12.88	-6.60		6.28	24.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00	0.39	-1.05	2.74	-6.60		-3.86	24.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00	3.48	1.51	5.62	-6.60		-0.98	24.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00	6.84	4.79	8.95	-6.60		2.35	24.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00	11.38	9.82	13.68	-6.60		7.08	24.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00	1.67	0.82	4.28	-6.60		-2.32	24.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00	5.17	3.02	7.24	-6.60		0.64	24.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00	7.24	5.55	9.49	-6.60		2.89	24.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00	11.26	10.16	13.76	-6.60		7.16	24.00	Pass
HE20	MCS0	2	6995	26/4	0.00	0.00	2.95	2.19	5.60	-6.60		-1.00	24.00	Pass
HE20	MCS0	2	6995	52/38	0.00	0.00	3.64	2.95	6.32	-6.60		-0.28	24.00	Pass
HE20	MCS0	2	6995	106/53	0.00	0.00	6.36	5.32	8.88	-6.60		2.28	24.00	Pass
HE20	MCS0	2	7095	Full	0.00	0.00	10.48	10.08	13.29	-6.60		6.69	24.00	Pass
HE20	MCS0	2	7095	26/8	0.00	0.00	1.08	0.97	4.04	-6.60		-2.56	24.00	Pass
HE20	MCS0	2	7095	52/40	0.00	0.00	4.28	4.60	7.45	-6.60		0.85	24.00	Pass
HE20	MCS0	2	7095	106/54	0.00	0.00	7.48	7.64	10.57	-6.60		3.97	24.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00	15.26	13.67	17.55	-6.60		10.95	24.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00	10.13	8.67	12.47	-6.60		5.87	24.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00	14.13	12.64	16.46	-6.60		9.86	24.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00	10.28	9.49	12.91	-6.60		6.31	24.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00	14.47	13.18	16.88	-6.60		10.28	24.00	Pass
HE40	MCS0	2	6965	242/62	0.00	0.00	10.12	9.40	12.79	-6.60		6.19	24.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00	13.32	12.86	16.11	-6.60		9.51	24.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00	10.97	11.05	14.02	-6.60		7.42	24.00	Pass
HE80	MCS0	2	6945	Full	0.04	0.06	14.05	12.66	16.42	-6.60		9.82	24.00	Pass
HE80	MCS0	2	6945	484/65	0.07	0.04	8.79	8.00	11.42	-6.60		4.82	24.00	Pass
HE80	MCS0	2	7025	Full	0.04	0.06	12.96	12.41	15.70	-6.60		9.10	24.00	Pass
HE80	MCS0	2	7025	484/66	0.07	0.04	10.90	10.11	13.53	-6.60		6.93	24.00	Pass
HE160	MCS0	2	6985	Full	0.03	0.03	12.91	11.87	15.43	-6.60		8.83	24.00	Pass
HE160	MCS0	2	6985	996/67	0.09	0.09	9.04	8.00	11.56	-6.60		4.96	24.00	Pass
HE160	MCS0	2	6985	996/S67	0.09	0.09	9.01	8.24	11.65	-6.60		5.05	24.00	Pass

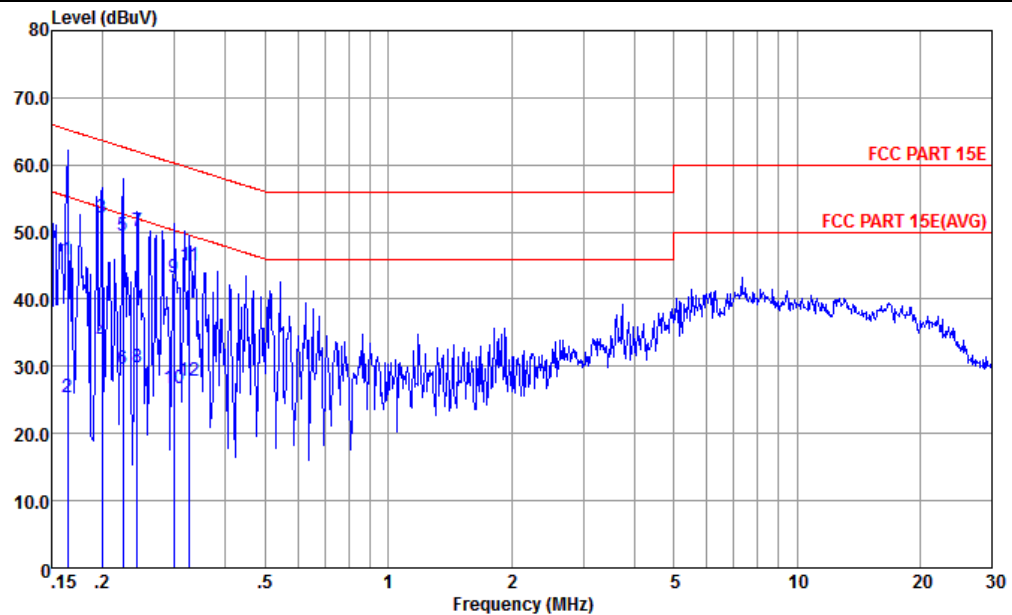
TEST RESULTS DATA
EIRP Power Spectral Density

Band VIII MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.00	0.00			0.83	-3.79		-2.96	-1.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00			-0.21	-3.79		-4.00	-1.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00			0.68	-3.79		-3.11	-1.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00			0.76	-3.79		-3.03	-1.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00			1.65	-3.79		-2.14	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00			1.20	-3.79		-2.59	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00			1.63	-3.79		-2.16	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00			1.36	-3.79		-2.43	-1.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00			1.53	-3.79		-2.26	-1.00	Pass
HE20	MCS0	2	6995	26/4	0.00	0.00			1.48	-3.79		-2.31	-1.00	Pass
HE20	MCS0	2	6995	52/38	0.00	0.00			1.30	-3.79		-2.48	-1.00	Pass
HE20	MCS0	2	6995	106/53	0.00	0.00			1.28	-3.79		-2.51	-1.00	Pass
HE20	MCS0	2	7095	Full	0.00	0.00			1.38	-3.79		-2.41	-1.00	Pass
HE20	MCS0	2	7095	26/8	0.00	0.00			1.28	-3.79		-2.51	-1.00	Pass
HE20	MCS0	2	7095	52/40	0.00	0.00			0.83	-3.79		-2.96	-1.00	Pass
HE20	MCS0	2	7095	106/54	0.00	0.00			0.90	-3.79		-2.89	-1.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00			1.51	-3.79		-2.28	-1.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00			1.06	-3.79		-2.73	-1.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00			1.44	-3.79		-2.35	-1.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00			1.33	-3.79		-2.46	-1.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00		1.71	-3.79		-2.08	-1.00	Pass	
HE40	MCS0	2	6965	242/62	0.00	0.00		1.46	-3.79		-2.33	-1.00	Pass	
HE40	MCS0	2	7085	Full	0.00	0.00		1.45	-3.79		-2.34	-1.00	Pass	
HE40	MCS0	2	7085	242/62	0.00	0.00		1.32	-3.79		-2.47	-1.00	Pass	
HE80	MCS0	2	6945	Full	0.04	0.06		-2.30	-3.79		-6.09	-1.00	Pass	
HE80	MCS0	2	6945	484/65	0.07	0.04		-2.71	-3.79		-6.50	-1.00	Pass	
HE80	MCS0	2	7025	Full	0.04	0.06		-1.01	-3.79		-4.79	-1.00	Pass	
HE80	MCS0	2	7025	484/66	0.07	0.04		-1.36	-3.79		-5.15	-1.00	Pass	
HE160	MCS0	2	6985	Full	0.03	0.03		-5.21	-3.79		-9.00	-1.00	Pass	
HE160	MCS0	2	6985	996/67	0.09	0.09		-5.42	-3.79		-9.20	-1.00	Pass	
HE160	MCS0	2	6985	996/S67	0.09	0.09		-5.73	-3.79		-9.52	-1.00	Pass	



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Anos Zhang	Temperature :	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

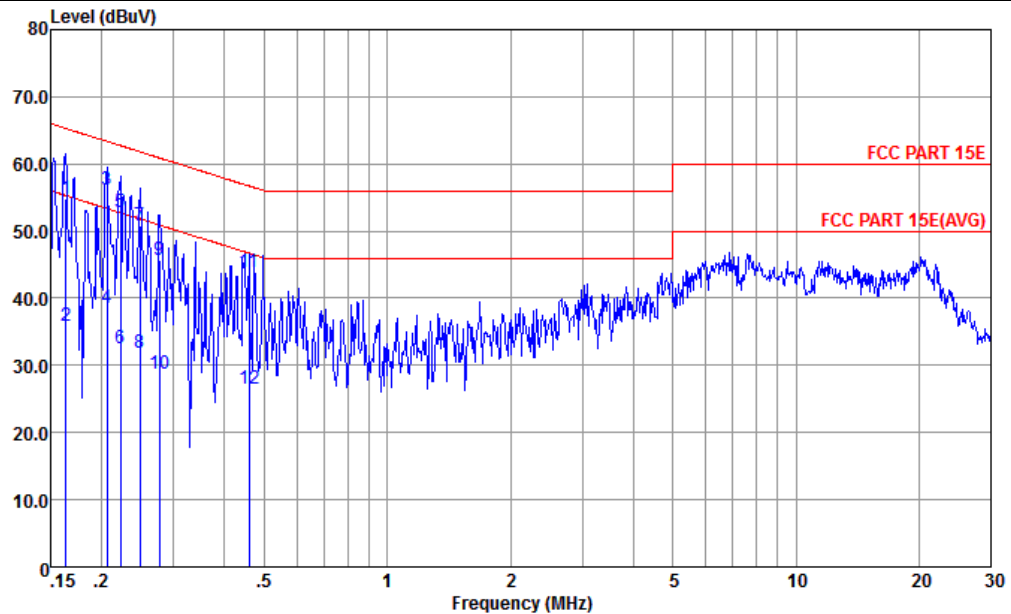


Site : CO01-KS
Condition : FCC PART 15E LISN-L-060105-CN02 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.164	45.92	-19.33	65.25	35.40	0.08	10.44	QP
2	0.164	25.32	-29.93	55.25	14.80	0.08	10.44	Average
3 *	0.200	52.25	-11.37	63.62	41.80	0.09	10.36	QP
4	0.200	33.55	-20.07	53.62	23.10	0.09	10.36	Average
5	0.224	49.54	-13.12	62.66	39.10	0.09	10.35	QP
6	0.224	29.64	-23.02	52.66	19.20	0.09	10.35	Average
7	0.243	50.03	-11.97	62.00	39.59	0.10	10.34	QP
8	0.243	29.93	-22.07	52.00	19.49	0.10	10.34	Average
9	0.299	43.21	-17.07	60.28	32.79	0.11	10.31	QP
10	0.299	26.71	-23.57	50.28	16.29	0.11	10.31	Average
11	0.327	44.91	-14.62	59.53	34.51	0.11	10.29	QP
12	0.327	27.91	-21.62	49.53	17.51	0.11	10.29	Average



Test Engineer :	Anos Zhang	Temperature :	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
 Condition : FCC PART 15E LISN-N-060105-CN02 NEUTRAL
 Project : (FZ) 172703
 mode : Mode 1
 : 350506880020864/350506880020872 #9

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.163	54.90	-10.40	65.30	44.30	0.15	10.45	QP
2	0.163	35.90	-19.40	55.30	25.30	0.15	10.45	Average
3 *	0.206	56.13	-7.23	63.36	45.60	0.17	10.36	QP
4	0.206	38.63	-14.73	53.36	28.10	0.17	10.36	Average
5	0.222	52.72	-10.02	62.74	42.20	0.17	10.35	QP
6	0.222	32.42	-20.32	52.74	21.90	0.17	10.35	Average
7	0.248	50.72	-11.10	61.82	40.21	0.18	10.33	QP
8	0.248	31.82	-20.00	51.82	21.31	0.18	10.33	Average
9	0.277	45.71	-15.19	60.90	35.20	0.19	10.32	QP
10	0.277	28.71	-22.19	50.90	18.20	0.19	10.32	Average
11	0.459	43.97	-12.74	56.71	33.50	0.22	10.25	QP
12	0.459	26.57	-20.14	46.71	16.10	0.22	10.25	Average

Note:

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



Appendix C. Radiated Spurious Emission

UNII 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preampl 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)
802.11a CH 01 5955MHz		5862.66	58.37	-29.93	88.3	42.44	35.9	12.26	32.23	106	65	P	H
		5872.46	47.33	-20.97	68.3	31.38	35.89	12.28	32.22	106	65	A	H
		5950	106.08	-	-	90.09	35.86	12.34	32.21	106	65	P	H
		5950	98.55	-	-	82.56	35.86	12.34	32.21	106	65	A	H
		5899.34	58.19	-30.11	88.3	42.24	35.88	12.29	32.22	100	323	P	V
		5859.02	47.16	-21.14	68.3	31.23	35.9	12.26	32.23	100	323	A	V
		5950	103.96	-	-	87.97	35.86	12.34	32.21	100	323	P	V
		5950	96.24	-	-	80.25	35.86	12.34	32.21	100	323	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preampl 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)
802.11a CH 01 5955MHz		11910.38	46.62	-27.38	74	49.91	38.95	17.9	60.14	300	0	P	H
		11910.38	44.28	-29.72	74	47.57	38.95	17.9	60.14	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 (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 HE20 CH 01 FULL RU 5955MHz		5870.5	57.82	-30.48	88.3	41.88	35.9	12.26	32.22	100	64	P	H
		5924.96	47.21	-21.09	68.3	31.24	35.87	12.32	32.22	100	64	A	H
		5950	107.26	-	-	91.27	35.86	12.34	32.21	100	64	P	H
		5950	97.48	-	-	81.49	35.86	12.34	32.21	100	64	A	H
		5859.58	57.65	-30.65	88.3	41.72	35.9	12.26	32.23	100	324	P	V
		5853.28	47.04	-21.26	68.3	31.15	35.87	12.25	32.23	100	324	A	V
		5959	106.86	-	-	90.87	35.85	12.35	32.21	100	324	P	V
		5959	95.47	-	-	79.48	35.85	12.35	32.21	100	324	A	V
802.11ax HE20 CH 01 RU 26 5955MHz		5892.34	56.9	-31.4	88.3	42.22	35.88	12.29	33.49	109	67	P	H
		5858.74	46.07	-22.23	68.3	31.34	35.9	12.26	33.43	109	67	A	H
	*	5950	99.33	-	-	84.79	35.86	12.34	33.66	109	67	P	H
		5950	91.99	-	-	77.45	35.86	12.34	33.66	109	67	A	H
		5915.3	56.6	-31.7	88.3	41.95	35.88	12.31	33.54	102	320	P	V
		5832	46	-22.3	68.3	31.24	35.84	12.24	33.32	102	320	A	V
	*	5950	96.87	-	-	82.33	35.86	12.34	33.66	102	320	P	V
		5950	88.34	-	-	73.8	35.86	12.34	33.66	102	320	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 CH 01 RU 52 5955MHz		5848.38	56.53	-31.77	88.3	41.84	35.87	12.25	33.43	100	68	P	H
		5857.9	45.98	-22.32	68.3	31.25	35.9	12.26	33.43	100	68	A	H
	*	5950	99.12	-	-	84.58	35.86	12.34	33.66	100	68	P	H
		5950	91.44	-	-	76.9	35.86	12.34	33.66	100	68	A	H
		5884.78	57.76	-30.54	88.3	43.08	35.89	12.28	33.49	100	320	P	V
		5833.12	45.91	-22.39	68.3	31.15	35.84	12.24	33.32	100	320	A	V
	*	5950	95.89	-	-	81.35	35.86	12.34	33.66	100	320	P	V
		5950	88.43	-	-	73.89	35.86	12.34	33.66	100	320	A	V
802.11ax HE20 CH 01 RU 106 5955MHz		5846	56.32	-31.98	88.3	41.63	35.87	12.25	33.43	141	63	P	H
		5854.4	45.92	-22.38	68.3	31.19	35.9	12.26	33.43	141	63	A	H
	*	5950	100.11	-	-	85.57	35.86	12.34	33.66	141	63	P	H
		5950	91.74	-	-	77.2	35.86	12.34	33.66	141	63	A	H
		5860.84	56.89	-31.41	88.3	42.16	35.9	12.26	33.43	100	324	P	V
		5829.62	45.9	-22.4	68.3	31.14	35.84	12.24	33.32	100	324	A	V
	*	5950	98.31	-	-	83.77	35.86	12.34	33.66	100	324	P	V
		5950	90.53	-	-	75.99	35.86	12.34	33.66	100	324	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 CH 01 FULL 5955MHz		11910.38	45.04	-28.96	74	48.33	38.95	17.9	60.14	300	0	P	H
		11910.38	44.71	-29.29	74	48	38.95	17.9	60.14	100	360	P	V
802.11ax HE20 CH 45 FULL 6175 MHz		12350.94	46	-28	74	48.75	39.26	18.08	60.09	300	0	P	H
		12350.94	46.09	-27.91	74	48.84	39.26	18.08	60.09	100	360	P	V
802.11ax HE20 CH 93 FULL 6415MHz		12831.54	45.27	-43.03	88.3	47.34	39.61	18.42	60.1	300	0	P	H
		12831.54	47.62	-40.68	88.3	49.69	39.61	18.42	60.1	100	360	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 Full RU 5965MHz		5924.96	58.25	-30.05	88.3	42.28	35.87	12.32	32.22	100	66	P	H
		5924.96	48.72	-19.58	68.3	32.75	35.87	12.32	32.22	100	66	A	H
	*	5959	104.37	-	-	88.38	35.85	12.35	32.21	100	66	P	H
		5959	94.77	-	-	78.78	35.85	12.35	32.21	100	66	A	H
		5920.48	58.53	-29.77	88.3	42.56	35.88	12.31	32.22	100	318	P	V
		5924.96	48.3	-20	68.3	32.33	35.87	12.32	32.22	100	318	A	V
	*	5959	100.27	-	-	84.28	35.85	12.35	32.21	100	318	P	V
		5959	92.5	-	-	76.51	35.85	12.35	32.21	100	318	A	V
802.11ax HE40 CH 03 RU 242 5965MHz		5898.78	56.13	-32.17	88.3	41.5	35.88	12.29	33.54	225	71	P	H
		5855.24	46	-22.3	68.3	31.27	35.9	12.26	33.43	225	71	A	H
	*	5950	98.71	-	-	84.17	35.86	12.34	33.66	225	71	P	H
		5950	90.84	-	-	76.3	35.86	12.34	33.66	225	71	A	H
		5897.38	56.53	-31.77	88.3	41.9	35.88	12.29	33.54	101	317	P	V
		5855.38	46.14	-22.16	68.3	31.41	35.9	12.26	33.43	101	317	A	V
	*	5959	98.35	-	-	83.81	35.85	12.35	33.66	101	317	P	V
		5959	88.6	-	-	74.06	35.85	12.35	33.66	101	317	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 HE40		11930.41	45.29	-28.71	74	48.55	38.96	17.91	60.13	300	0	P	H
CH 03 5965MHz		11930.41	45.68	-28.32	74	48.94	38.96	17.91	60.13	100	360	P	V
802.11ax HE40		12330.91	45.41	-28.59	74	48.17	39.25	18.08	60.09	300	0	P	H
CH 43 6165MHz		12330.91	45.61	-28.39	74	48.37	39.25	18.08	60.09	100	360	P	V
802.11ax HE40		12811.51	45.3	-43	88.3	47.4	39.6	18.4	60.1	300	0	P	H
CH 91 6405MHz		12811.51	47.84	-40.46	88.3	49.94	39.6	18.4	60.1	100	360	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		5908.52	60.31	-27.99	88.3	44.34	35.88	12.31	32.22	100	65	P	H
		5925	48.43	-19.87	68.3	32.46	35.87	12.32	32.22	100	65	A	H
	*	5986	98.94	-	-	82.94	35.84	12.37	32.21	100	65	P	H
		5986	89.98	-	-	73.98	35.84	12.37	32.21	100	65	A	H
		5922.44	59.03	-29.27	88.3	43.06	35.87	12.32	32.22	100	317	P	V
		5921.8	48.54	-19.76	68.3	32.57	35.87	12.32	32.22	100	317	A	V
	*	5995	96.19	-	-	80.19	35.83	12.38	32.21	100	317	P	V
		5995	88.03	-	-	72.03	35.83	12.38	32.21	100	317	A	V
802.11ax HE80 CH 07 RU 484/65 5985MHz		5869.24	56.38	-31.92	88.3	41.71	35.9	12.26	33.49	226	72	P	H
		5857.76	45.96	-22.34	68.3	31.23	35.9	12.26	33.43	226	72	A	H
	*	5950	97.03	-	-	82.49	35.86	12.34	33.66	226	72	P	H
		5950	88.75	-	-	74.21	35.86	12.34	33.66	226	72	A	H
		5832.56	56.49	-31.81	88.3	41.73	35.84	12.24	33.32	100	319	P	V
		5835.5	45.93	-22.37	68.3	31.17	35.84	12.24	33.32	100	319	A	V
	*	5977	96.99	-	-	82.49	35.84	12.37	33.71	100	319	P	V
		5977	87	-	-	72.5	35.84	12.37	33.71	100	319	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 HE80 CH 07 5985MHz		11970.46	45.08	-28.92	74	48.26	38.98	17.94	60.1	300	0	P	H
		11970.46	45.82	-28.18	74	49	38.98	17.94	60.1	100	360	P	V
802.11ax HE80 CH 39 6145MHz		12290.86	45.88	-28.12	74	48.7	39.21	18.06	60.09	300	0	P	H
		12290.86	47.1	-26.9	74	49.92	39.21	18.06	60.09	100	360	P	V
802.11ax HE80 CH 87 6385MHz		12771.46	46.06	-42.24	88.3	48.24	39.56	18.36	60.1	300	0	P	H
		12771.46	46.05	-42.25	88.3	48.23	39.56	18.36	60.1	100	360	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		5913.96	59.19	-29.11	88.3	43.22	35.88	12.31	32.22	100	0	P	H
		5924.84	49.58	-18.72	68.3	33.61	35.87	12.32	32.22	100	0	A	H
	*	5977	96.59	-	-	80.59	35.84	12.37	32.21	100	0	P	H
		5977	87.72	-	-	71.72	35.84	12.37	32.21	100	0	A	H
		5923.88	60.05	-28.25	88.3	44.08	35.87	12.32	32.22	102	309	P	V
		5922.92	50.77	-17.53	68.3	34.8	35.87	12.32	32.22	102	309	A	V
	*	5986	94.79	-	-	78.79	35.84	12.37	32.21	102	309	P	V
802.11ax HE160 CH 15 RU 996/67 6025MHz		5857	61.11	-27.19	88.3	46.38	35.9	12.26	33.43	124	62	P	H
		5862.76	47.54	-20.76	68.3	32.81	35.9	12.26	33.43	124	62	A	H
	*	5977	93.71	-	-	79.21	35.84	12.37	33.71	124	62	P	H
		5977	84.65	-	-	70.15	35.84	12.37	33.71	124	62	A	H
		5862.12	60.06	-28.24	88.3	45.33	35.9	12.26	33.43	100	317	P	V
		5897	47.76	-20.54	68.3	33.13	35.88	12.29	33.54	100	317	A	V
	*	6004	93.47	-	-	79.03	35.83	12.38	33.77	100	317	P	V
Remark		6004	84.57	-	-	70.13	35.83	12.38	33.77	100	317	A	V
	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		12050.56	45.07	-28.93	74	48.13	39.04	17.98	60.08	300	0	P	H
CH 15 6025MHz		12050.56	45.23	-28.77	74	48.29	39.04	17.98	60.08	100	360	P	V
802.11ax HE160		12370.96	45.52	-28.48	74	48.24	39.28	18.09	60.09	300	0	P	H
CH 47 6185MHz		12370.96	45.81	-28.19	74	48.53	39.28	18.09	60.09	100	360	P	V
802.11ax HE160		12691.36	45.89	-28.11	74	48.17	39.51	18.3	60.09	300	0	P	H
CH 79 6345MHz		12691.36	45.94	-28.06	74	48.22	39.51	18.3	60.09	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 6 - 6425~6525MHz

WIFI 802.11a (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		12871.58	47.79	-40.51	88.3	49.8	39.64	18.45	60.1	300	0	P	H
CH 97		12871.58	45.66	-42.64	88.3	47.67	39.64	18.45	60.1	100	360	P	V
6435MHz		12871.58	45.66	-42.64	88.3	47.67	39.64	18.45	60.1	100	360	P	V
802.11a		12951.69	45.74	-42.56	88.3	47.62	39.7	18.52	60.1	300	0	P	H
CH 105		12951.69	47.35	-40.95	88.3	49.23	39.7	18.52	60.1	100	360	P	V
6475MHz		12951.69	47.35	-40.95	88.3	49.23	39.7	18.52	60.1	100	360	P	V
802.11a		13031.79	45.37	-42.93	88.3	47.12	39.76	18.59	60.1	300	0	P	H
CH 113		13031.79	45.75	-42.55	88.3	47.5	39.76	18.59	60.1	100	360	P	V
6515MHz		13031.79	45.75	-42.55	88.3	47.5	39.76	18.59	60.1	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 HE20		12871.58	45.42	-42.88	88.3	47.43	39.64	18.45	60.1	300	0	P	H
CH 97 6435MHz		12871.58	46.36	-41.94	88.3	48.37	39.64	18.45	60.1	100	360	P	V
802.11ax HE20		12951.69	45.62	-42.68	88.3	47.5	39.7	18.52	60.1	300	0	P	H
CH 105 6475MHz		12951.69	46.33	-41.97	88.3	48.21	39.7	18.52	60.1	100	360	P	V
802.11ax HE20		13031.79	45.56	-42.74	88.3	47.31	39.76	18.59	60.1	300	0	P	H
CH 113 6515MHz		13031.79	46.57	-41.73	88.3	48.32	39.76	18.59	60.1	100	360	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 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 HE40 CH 99 6445MHz		12891.61	45.81	-42.49	88.3	47.78	39.66	18.47	60.1	300	0	P	H
		12891.61	45.19	-43.11	88.3	47.16	39.66	18.47	60.1	100	360	P	V
802.11ax HE40 CH 107 6485MHz		12971.71	45.8	-42.5	88.3	47.66	39.71	18.53	60.1	300	0	P	H
		12971.71	46.22	-42.08	88.3	48.08	39.71	18.53	60.1	100	360	P	V
802.11ax HE40 CH 115 6825MHz		13051.81	45.78	-42.52	88.3	47.5	39.77	18.61	60.1	300	0	P	H
		13051.81	45.87	-42.43	88.3	47.59	39.77	18.61	60.1	100	360	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 HE80 (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 HE80		12931.66	45.97	-42.33	88.3	47.88	39.69	18.5	60.1	300	0	P	H
CH 103 6465MHz		12931.66	45.49	-42.81	88.3	47.4	39.69	18.5	60.1	100	360	P	V
802.11ax HE80		13091.86	46.29	-42.01	88.3	47.94	39.8	18.65	60.1	300	0	P	H
CH 119 6545MHz		13091.86	45.57	-42.73	88.3	47.22	39.8	18.65	60.1	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 6 6425~6525MHz
WIFI 802.11ax160 (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 HE160		13011.76	46.08	-42.22	88.3	47.85	39.75	18.58	60.1	300	0	P	H
CH 111 6505MHz		13011.76	46.73	-41.57	88.3	48.5	39.75	18.58	60.1	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 7 6525~6875MHz

WIFI 802.11a (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)
802.11a CH 117 6535MHz		13071.83	45.52	-42.78	88.3	47.2	39.79	18.63	60.1	300	0	P	H
		13071.83	46.94	-41.36	88.3	48.62	39.79	18.63	60.1	100	360	P	V
802.11a CH 149 6695MHz		13388.23	45.25	-28.75	74	46.39	40.02	18.95	60.11	300	0	P	H
		13388.23	45.54	-28.46	74	46.68	40.02	18.95	60.11	100	360	P	V
802.11a CH 185 6875MHz		13748.68	45.67	-42.63	88.3	46.54	39.9	19.31	60.08	300	0	P	H
		13748.68	45.88	-42.42	88.3	46.75	39.9	19.31	60.08	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20		13071.83	45.9	-42.4	88.3	47.58	39.79	18.63	60.1	300	0	P	H
CH 117 6535MHz		13071.83	46.28	-42.02	88.3	47.96	39.79	18.63	60.1	100	360	P	V
802.11ax HE20		13388.23	46.82	-27.18	74	47.96	40.02	18.95	60.11	300	0	P	H
CH 149 6695MHz		13388.23	45.64	-28.36	74	46.78	40.02	18.95	60.11	100	360	P	V
802.11ax HE20		13748.68	46.75	-41.55	88.3	47.62	39.9	19.31	60.08	300	0	P	H
CH 185 6875MHz		13748.68	46.22	-42.08	88.3	47.09	39.9	19.31	60.08	100	360	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 (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 HE40		13131.91	46.33	-41.97	88.3	47.89	39.84	18.7	60.1	300	0	P	H
CH 123 6565MHz		13131.91	46.07	-42.23	88.3	47.63	39.84	18.7	60.1	100	360	P	V
802.11ax HE40		13368.21	45.5	-28.5	74	46.66	40.01	18.94	60.11	300	0	P	H
CH 147 6685MHz		13368.21	45.44	-28.56	74	46.6	40.01	18.94	60.11	100	360	P	V
802.11ax HE40		13688.61	46.65	-41.65	88.3	47.55	39.95	19.24	60.09	300	0	P	H
CH 179 6845MHz		13688.61	46.11	-42.19	88.3	47.01	39.95	19.24	60.09	100	360	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80		13250.01	47.23	-26.77	74	48.6	39.92	18.82	60.11	300	0	P	H
CH 135 6625MHz		13250.01	45.98	-28.02	74	47.35	39.92	18.82	60.11	100	360	P	V
802.11ax HE80		13728.66	46.58	-41.72	88.3	47.45	39.91	19.3	60.08	300	0	P	H
CH 183 6865MHz		13728.66	45.61	-42.69	88.3	46.48	39.91	19.3	60.08	100	360	P	V
802.11ax HE80		13500.37	46.18	-42.12	88.3	47.13	40.1	19.06	60.11	300	0	P	H
CH 151 6705MHz		13500.37	46.06	-42.24	88.3	47.01	40.1	19.06	60.11	100	360	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 (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 160		13328.16	46.38	-27.62	74	47.63	39.97	18.89	60.11	300	0	P	H
CH 143 6665MHz		13328.16	46.62	-27.38	74	47.87	39.97	18.89	60.11	100	360	P	V
802.11ax 160		13648.55	46.8	-41.5	88.3	47.7	39.98	19.21	60.09	300	0	P	H
CH 175 6825MHz		13648.55	46.58	-41.72	88.3	47.48	39.98	19.21	60.09	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 8 6875~7125MHz

WIFI 802.11a (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)
802.11a CH 229 7095MHz		7188.2	59.41	-28.89	88.3	42.24	36.72	13.6	33.15	104	79	P	H
		7244.52	48.7	-19.6	68.3	31.54	36.7	13.65	33.19	104	79	A	H
		7093	96.3	-	-	79.11	36.77	13.5	33.08	104	79	P	H
	*	7093	88.92	-	-	71.73	36.77	13.5	33.08	104	79	A	H
		7236.84	59.93	-28.37	88.3	42.77	36.7	13.65	33.19	113	69	P	V
		7217.16	48.64	-19.66	68.3	31.46	36.71	13.64	33.17	113	69	A	V
		7093	96.72	-	-	79.53	36.77	13.5	33.08	113	69	P	V
	*	7093	89.45	-	-	72.26	36.77	13.5	33.08	113	69	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 (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 HE20 CH 229 7095MHz		7227.88	59.27	-29.03	88.3	42.11	36.71	13.64	33.19	233	316	P	H
		7125	48.84	-19.46	68.3	31.66	36.75	13.54	33.11	233	316	A	H
		7093	99.29	-	-	82.1	36.77	13.5	33.08	233	316	P	H
	*	7093	89.7	-	-	72.51	36.77	13.5	33.08	233	316	A	H
		7227.08	59.98	-28.32	88.3	42.82	36.71	13.64	33.19	395	15	P	V
		7211.72	48.69	-19.61	68.3	31.52	36.72	13.62	33.17	395	15	A	V
		7102	96.62	-	-	79.42	36.76	13.52	33.08	395	15	P	V
	*	7102	88.85	-	-	71.65	36.76	13.52	33.08	395	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 RU26 (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 HE20 RU26 CH 229 7095MHz		7243.4	56.29	-32.01	88.3	41.85	36.7	13.65	35.91	243	321	P	H
		7243.56	45.85	-22.45	68.3	31.41	36.7	13.65	35.91	243	321	A	H
		7102	90.82	-	-	76.45	36.76	13.52	35.91	243	321	P	H
	*	7102	85.33	-	-	70.96	36.76	13.52	35.91	243	321	A	H
		7231.72	57.06	-31.24	88.3	42.62	36.7	13.65	35.91	100	9	P	V
		7219.72	45.87	-22.43	68.3	31.43	36.71	13.64	35.91	100	9	A	V
		7102	90.74	-	-	76.37	36.76	13.52	35.91	100	9	P	V
	*	7102	82.23	-	-	67.86	36.76	13.52	35.91	100	9	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 RU52 (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 HE20 RU52 CH 229 7095MHz		7232.68	56.6	-31.7	88.3	42.16	36.7	13.65	35.91	269	66	P	H
		7243.72	45.91	-22.39	68.3	31.47	36.7	13.65	35.91	269	66	A	H
		7102	89	-	-	74.63	36.76	13.52	35.91	269	66	P	H
	*	7102	85.73	-	-	71.36	36.76	13.52	35.91	269	66	A	H
		7219.24	57.05	-31.25	88.3	42.61	36.71	13.64	35.91	100	8	P	V
		7244.68	45.91	-22.39	68.3	31.47	36.7	13.65	35.91	100	8	A	V
		7102	91.8	-	-	77.43	36.76	13.52	35.91	100	8	P	V
	*	7102	84.61	-	-	70.24	36.76	13.52	35.91	100	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE20 RU106 (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 HE20 RU106 CH 229 7095MHz		7182.44	57.77	-30.53	88.3	43.36	36.72	13.6	35.91	100	77	P	H
		7243.56	45.87	-22.43	68.3	31.43	36.7	13.65	35.91	100	77	A	H
		7102	89.54	-	-	75.17	36.76	13.52	35.91	100	77	P	H
	*	7102	80.55	-	-	66.18	36.76	13.52	35.91	100	77	A	H
		7221.48	56.94	-31.36	88.3	42.5	36.71	13.64	35.91	100	8	P	V
		7242.44	45.83	-22.47	68.3	31.39	36.7	13.65	35.91	100	8	A	V
		7102	92.51	-	-	78.14	36.76	13.52	35.91	100	8	P	V
	*	7102	84.49	-	-	70.12	36.76	13.52	35.91	100	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 227 7085MHz		7134.3	63.98	-24.32	88.3	46.8	36.74	13.55	33.11	225	360	P	H
		7125	53.84	-14.46	68.3	36.66	36.75	13.54	33.11	225	360	A	H
		7075	95.85	-	-	78.65	36.77	13.49	33.06	225	360	P	H
	*	7075	87.14	-	-	69.94	36.77	13.49	33.06	225	360	A	H
		7126.02	64.02	-24.28	88.3	46.84	36.75	13.54	33.11	103	62	P	V
		7125	53.07	-15.23	68.3	35.89	36.75	13.54	33.11	103	62	A	V
		7102	95.81	-	-	78.61	36.76	13.52	33.08	103	62	P	V
	*	7102	86.66	-	-	69.46	36.76	13.52	33.08	103	62	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											

WIFI 802.11ax HE40 RU242 (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 RU242 CH 227 7085MHz		7210.44	56.26	-32.04	88.3	41.83	36.72	13.62	35.91	254	2	P	H
		7244.36	45.89	-22.41	68.3	31.45	36.7	13.65	35.91	254	2	A	H
		7102	90.75	-	-	76.38	36.76	13.52	35.91	254	2	P	H
	*	7102	81.86	-	-	67.49	36.76	13.52	35.91	254	2	A	H
		7208.82	56.73	-31.57	88.3	42.3	36.72	13.62	35.91	395	6	P	V
		7243.88	46.2	-22.1	68.3	31.76	36.7	13.65	35.91	395	6	A	V
		7093	91.57	-	-	77.21	36.77	13.5	35.91	395	6	P	V
	*	7093	81.83	-	-	67.47	36.77	13.5	35.91	395	6	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



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 CH215 7025MHz		7111.72	58.68	-29.62	88.3	41.47	36.75	13.54	33.08	221	330	P	H
		7110.12	48.68	-19.62	68.3	31.48	36.76	13.52	33.08	221	330	A	H
		7048	91.17	-	-	73.96	36.78	13.47	33.04	221	330	P	H
	*	7048	81.32	-	-	64.11	36.78	13.47	33.04	221	330	A	H
		7121.48	59.04	-29.26	88.3	41.86	36.75	13.54	33.11	391	16	P	V
		7112.04	48.64	-19.66	68.3	31.43	36.75	13.54	33.08	391	16	A	V
		7003	92.61	-	-	75.39	36.8	13.42	33	391	16	P	V
	*	7003	82.21	-	-	64.99	36.8	13.42	33	391	16	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											

WIFI 802.11ax HE80 RU484 (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 RU484 CH 215 7025MHz		7119.72	55.11	-33.19	88.3	40.73	36.75	13.54	35.91	249	2	P	H
		7110.92	45.75	-22.55	68.3	31.38	36.76	13.52	35.91	249	2	A	H
		7039	88.13	-	-	73.8	36.79	13.45	35.91	249	2	P	H
	*	7039	79.26	-	-	64.93	36.79	13.45	35.91	249	2	A	H
		7133.32	56.35	-31.95	88.3	41.97	36.74	13.55	35.91	101	9	P	V
		7111.08	45.82	-22.48	68.3	31.45	36.76	13.52	35.91	101	9	A	V
		7057	88.85	-	-	74.51	36.78	13.47	35.91	101	9	P	V
	*	7057	81.29	-	-	66.95	36.78	13.47	35.91	101	9	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



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 RU996 CH207 6985MHz		7082.6	57.02	-31.28	88.3	42.66	36.77	13.5	35.91	281	353	P	H
		7070.76	46.82	-21.48	68.3	32.47	36.77	13.49	35.91	281	353	A	H
		6985	83.33	-	-	69.05	36.73	13.4	35.85	281	353	P	H
	*	6985	74.76	-	-	60.48	36.73	13.4	35.85	281	353	A	H
		7072.68	56.17	-32.13	88.3	41.82	36.77	13.49	35.91	101	8	P	V
		7070.44	47.18	-21.12	68.3	32.83	36.77	13.49	35.91	101	8	A	V
		7066	83.42	-	-	69.07	36.77	13.49	35.91	101	8	P	V
	*	7066	74.94	-	-	60.59	36.77	13.49	35.91	101	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 8 – 6875~7125 Harmonic

WIFI 802.11a (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)
802.11a		13788.73	45.34	-42.96	88.3	46.2	39.87	19.35	60.08	300	0	P	H
CH 189		13788.73	45.24	-43.06	88.3	46.1	39.87	19.35	60.08	100	360	P	V
6895MHz		13788.73	45.24	-43.06	88.3	46.1	39.87	19.35	60.08	100	360	P	V
802.11a		13988.98	46.3	-42	88.3	47.09	39.71	19.55	60.05	300	0	P	H
CH 209		13988.98	45.75	-42.55	88.3	46.54	39.71	19.55	60.05	100	360	P	V
6995MHz		13988.98	45.75	-42.55	88.3	46.54	39.71	19.55	60.05	100	360	P	V
802.11a		14192	45.51	-42.79	88.3	46.07	39.83	19.65	60.04	300	360	P	H
CH 229		14192	44.81	-43.49	88.3	45.37	39.83	19.65	60.04	100	0	P	V
7095MHz		14192	44.81	-43.49	88.3	45.37	39.83	19.65	60.04	100	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 HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20		13788.73	46.35	-41.95	88.3	47.21	39.87	19.35	60.08	300	0	P	H
CH 189 6895MHz		13788.73	46.15	-42.15	88.3	47.01	39.87	19.35	60.08	100	360	P	V
802.11ax HE20		13988.98	45.73	-42.57	88.3	46.52	39.71	19.55	60.05	300	0	P	H
CH 209 6995MHz		13988.98	46.71	-41.59	88.3	47.5	39.71	19.55	60.05	100	360	P	V
802.11ax HE20		14192	45.3	-43	88.3	45.86	39.83	19.65	60.04	300	360	P	H
CH 229 7095MHz		14192	45.7	-42.6	88.3	46.26	39.83	19.65	60.04	100	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 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 HE40		13768.71	46.44	-41.86	88.3	47.3	39.89	19.33	60.08	300	0	P	H
CH 187 6885MHz		13768.71	47.2	-41.1	88.3	48.06	39.89	19.33	60.08	100	360	P	V
802.11ax HE40		13928.91	47.58	-40.72	88.3	48.39	39.75	19.5	60.06	300	0	P	H
CH 203 6965MHz		13928.91	45.46	-42.84	88.3	46.27	39.75	19.5	60.06	100	360	P	V
802.11ax HE40		14168	45.18	-43.12	88.3	45.76	39.82	19.64	60.04	300	360	P	H
CH 227 6995MHz		14168	46.25	-42.05	88.3	46.83	39.82	19.64	60.04	100	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 HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80		13888.86	45.76	-42.54	88.3	46.58	39.79	19.45	60.06	300	0	P	H
CH 199 6945MHz		13888.86	46.57	-41.73	88.3	47.39	39.79	19.45	60.06	100	360	P	V
802.11ax HE80		14048	44.67	-43.63	88.3	45.39	39.74	19.59	60.05	300	360	P	H
CH 215 7025MHz		14048	44.71	-43.59	88.3	45.43	39.74	19.59	60.05	100	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 (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		13968	45.35	-42.95	88.3	46.13	39.73	19.54	60.05	300	360	P	H
CH 207 6985MHz		13968	45.54	-42.76	88.3	46.32	39.73	19.54	60.05	100	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 HE40_Tx_CH227_LF (LF @ 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)
802.11ax40 LF		42.61	24.34	-15.66	40	37.87	18.34	0.99	32.86	-	-	P	H
		144.46	17.64	-25.86	43.5	31.06	17.57	1.82	32.81	-	-	P	H
		208.48	20.48	-23.02	43.5	34.54	16.84	2.2	33.1	-	-	P	H
		328.76	22.23	-23.77	46	31.48	20.89	2.76	32.9	-	-	P	H
		547.98	26.19	-19.81	46	29.38	25.85	3.57	32.61	-	-	P	H
		756.53	27.28	-18.72	46	29.19	26.55	4.21	32.67	-	-	P	H
		43.58	36.96	-3.04	40	51.02	17.82	1	32.88	150	27	P	V
		70.74	24.69	-15.31	40	43.13	13.27	1.27	32.98	-	-	P	V
		97.9	23.6	-19.9	43.5	37.25	17.68	1.49	32.82	-	-	P	V
		178.41	22.29	-21.21	43.5	36.41	16.82	2.03	32.97	-	-	P	V
		315.18	20.67	-25.33	46	30.3	20.57	2.7	32.9	-	-	P	V
		540.22	27.33	-18.67	46	30.79	25.63	3.55	32.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location:

11ax40 CH227 7085MHz + BT (2Mbps)_CH39

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 39 2480MHz		2493.46	54.46	-19.54	74	49.87	30.93	7.89	34.23	309	313	P	H
		2498.44	44.96	-9.04	54	40.37	30.93	7.89	34.23	309	313	A	H
	*	2480	85.47	-	-	81.01	30.86	7.86	34.26	309	313	P	H
	*	2480	84.01	-	-	79.55	30.86	7.86	34.26	309	313	A	H
		2486.68	53.77	-20.23	74	49.31	30.86	7.86	34.26	101	5	P	V
		2493.58	44.74	-9.26	54	40.15	30.93	7.89	34.23	101	5	A	V
	*	2480	83.21	-	-	78.75	30.86	7.86	34.26	101	5	P	V
	*	2480	81.75	-	-	77.29	30.86	7.86	34.26	101	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 39 2480MHz		4962	43.45	-30.55	74	57.25	34.82	11.39	60.01	300	0	P	H
		7440	44.03	-29.97	74	54.1	36.62	13.85	60.54	300	0	P	H
		4962	42	-32	74	55.8	34.82	11.39	60.01	300	0	P	V
		7440	44.22	-29.78	74	54.29	36.62	13.85	60.54	300	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 802.11ax40 (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)
802.11ax40 CH 227 7085MHz		7125.48	59.75	-28.55	88.3	45.37	36.75	13.54	35.91	240	359	P	H
		7125	48.61	-19.69	68.3	34.23	36.75	13.54	35.91	240	359	A	H
		7075	92.79	-	-	78.44	36.77	13.49	35.91	240	359	P	H
	*	7075	83.94	-	-	69.59	36.77	13.49	35.91	240	359	A	H
		7125.66	56.39	-31.91	88.3	42.01	36.75	13.54	35.91	100	8	P	V
		7125	46.33	-21.97	68.3	31.95	36.75	13.54	35.91	100	8	A	V
		7084	91.29	-	-	76.93	36.77	13.5	35.91	100	8	P	V
	*	7084	83.07	-	-	68.71	36.77	13.5	35.91	100	8	A	V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													

UNII 8 – 6875~7125MHz

WIFI 802.11ax40 (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)
802.11ax40 CH 227 6995MHz		14168	46.24	-42.06	88.3	46.82	39.82	19.64	60.04	300	360	P	H
		14168	47.42	-40.88	88.3	48	39.82	19.64	60.04	100	0	P	V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



11ax40 CH227 7085MHz + 11ax20 CH01

2.4GHz 2400~2483.5MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.69	54.25	-19.75	74	50.37	30.5	7.72	34.34	297	130	P	H
		2389.95	42.89	-11.11	54	39.01	30.5	7.72	34.34	297	130	A	H
	*	2414	101.74	-	-	97.73	30.57	7.75	34.31	297	130	P	H
	*	2414	92.72	-	-	88.71	30.57	7.75	34.31	297	130	A	H
		2387.09	55.43	-18.57	74	51.55	30.5	7.72	34.34	296	2	P	V
	!	2388.39	42.96	-11.04	54	39.08	30.5	7.72	34.34	296	2	A	V
	*	2418	105.1	-	-	101.09	30.57	7.75	34.31	296	2	P	V
	*	2416	96.15	-	-	92.14	30.57	7.75	34.31	296	2	A	V

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		4824	47.83	-26.17	74	62.05	34.61	11.21	60.04	300	0	P	H
		4824	42.09	-31.91	74	56.31	34.61	11.21	60.04	300	360	P	V



UNII 8 – 6875~7125MHz
WIFI 802.11ax40 (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)
802.11ax40 CH 227 7085MHz		7125.3	63.41	-24.89	88.3	49.03	36.75	13.54	35.91	203	2	P	H
		7125	52.9	-15.4	68.3	38.52	36.75	13.54	35.91	203	2	A	H
		7075	92.86	-	-	78.51	36.77	13.49	35.91	203	2	P	H
	*	7075	84.38	-	-	70.03	36.77	13.49	35.91	203	2	A	H
		7128	67.26	-21.04	88.3	52.88	36.75	13.54	35.91	100	62	P	V
		7125	55.15	-13.15	68.3	40.77	36.75	13.54	35.91	100	62	A	V
		7075	94.39	-	-	80.04	36.77	13.49	35.91	100	62	P	V
	*	7075	86.5	-	-	72.15	36.77	13.49	35.91	100	62	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 8 – 6875~7125MHz
WIFI 802.11ax40 (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)
802.11ax40 CH 227 6995MHz		14168	46.38	-41.92	88.3	46.96	39.82	19.64	60.04	300	360	P	H
		14168	45.8	-42.5	88.3	46.38	39.82	19.64	60.04	100	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)

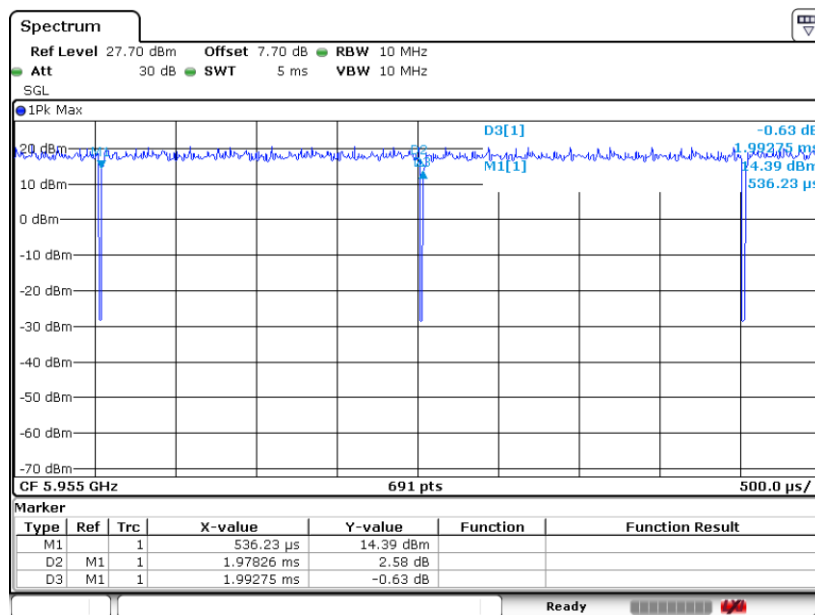
= -10.46(dB)

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

Appendix D. Duty Cycle Plots

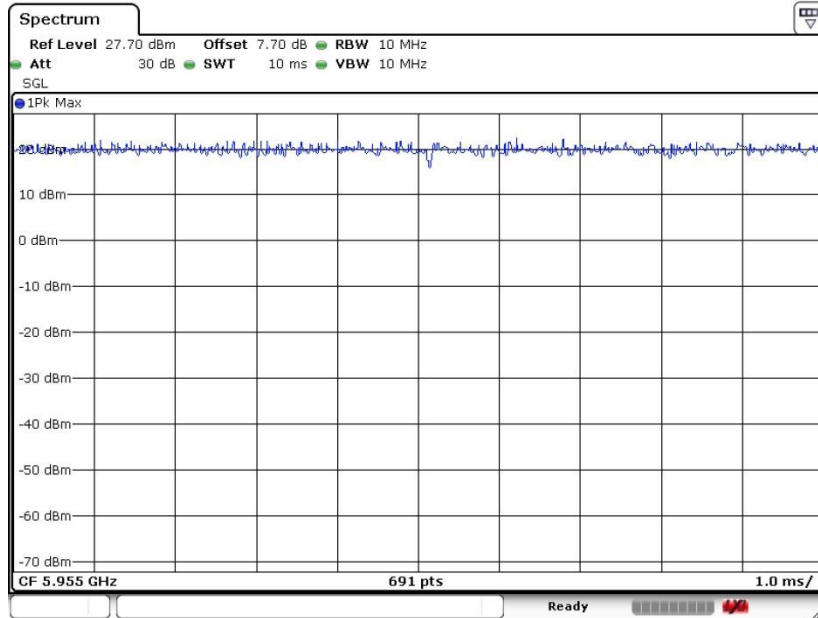
Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	99.27	-	-	10Hz
1+2	802.11ax HE20	100	-	-	10Hz
1+2	802.11ax HE40	100	-	-	10Hz
1+2	802.11ax HE80	99.03	-	-	10Hz
1+2	802.11ax HE160	99.33	-	-	10Hz

802.11a

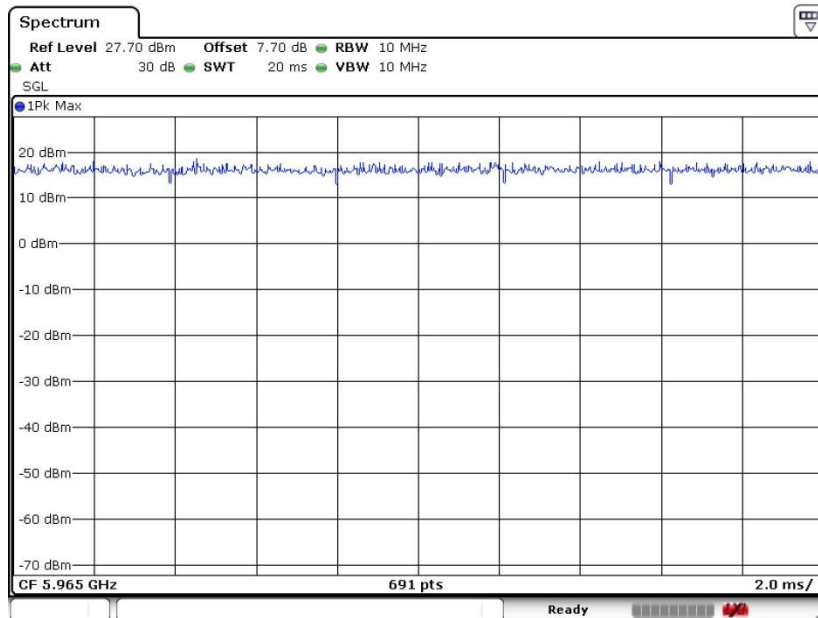




802.11ax HE20

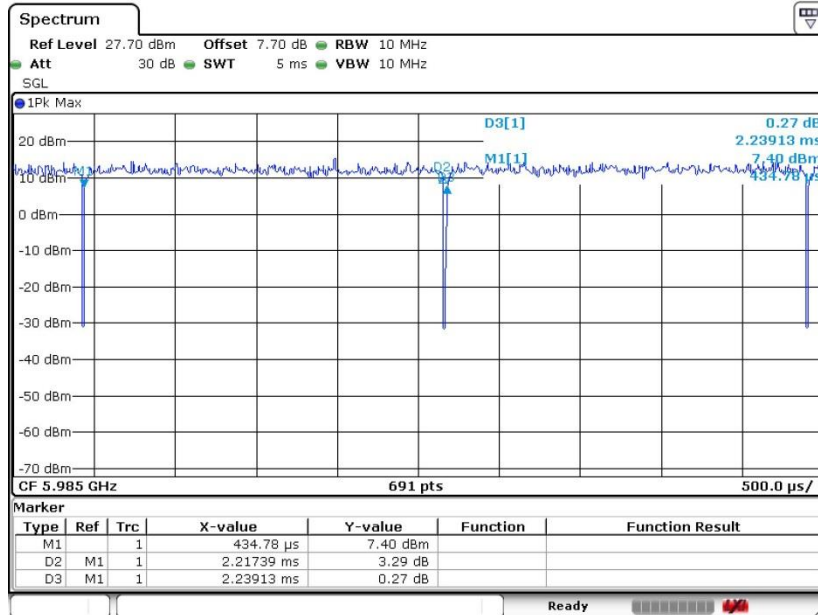


802.11ax HE40





802.11ax HE80



802.11ax HE160

