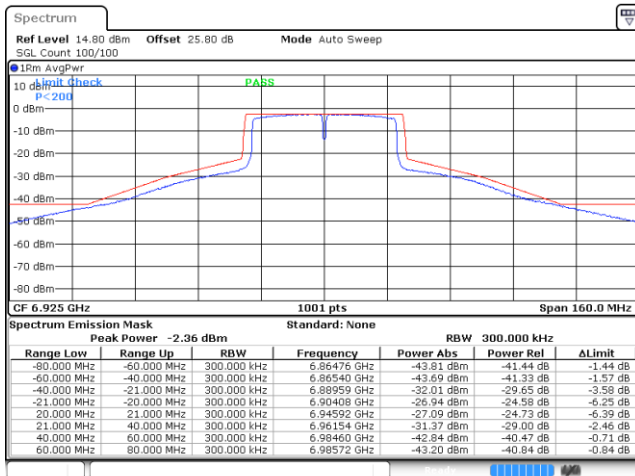


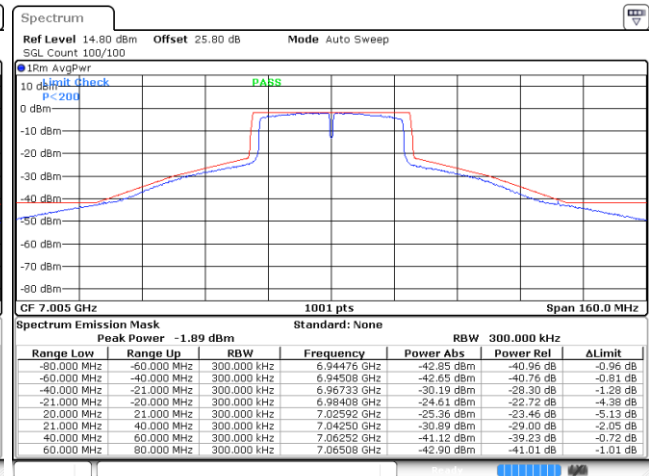


Plot on Channel 6925MHz



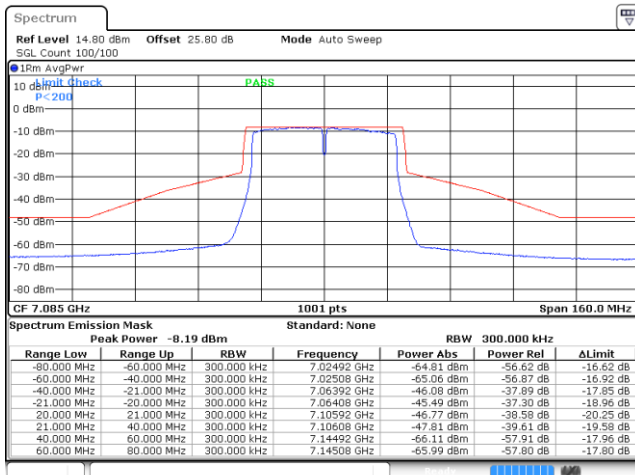
Date: 14 FEB 2022 21:39:59

Plot on Channel 7005MHz



Date: 14 FEB 2022 23:05:28

Plot on Channel 7085MHz

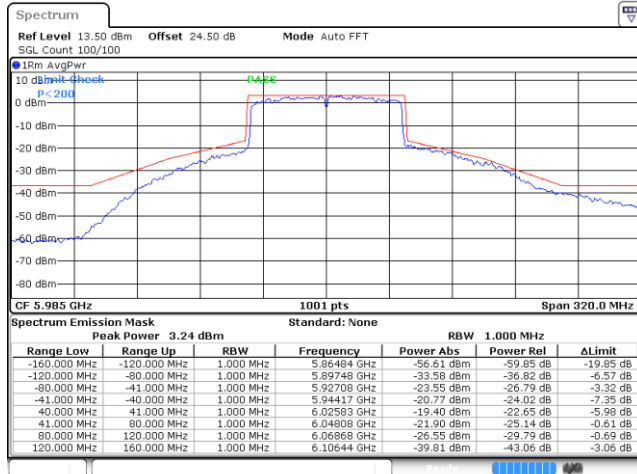


Date: 14 FEB 2022 22:54:08



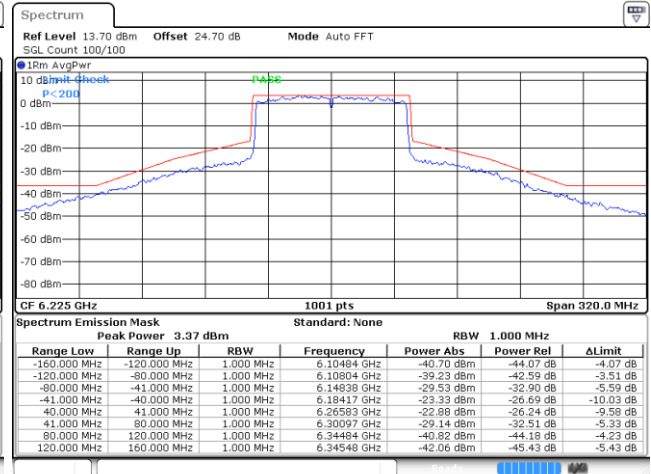
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



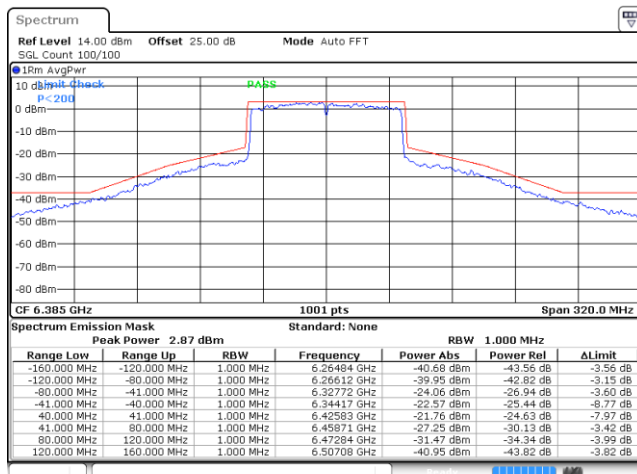
Date: 12 FEB 2022 07:13:40

Plot on Channel 6225MHz



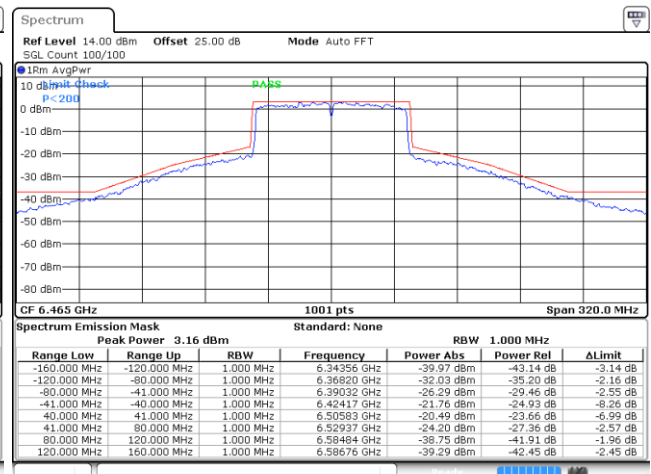
Date: 12 FEB 2022 07:18:20

Plot on Channel 6385MHz



Date: 12 FEB 2022 07:24:02

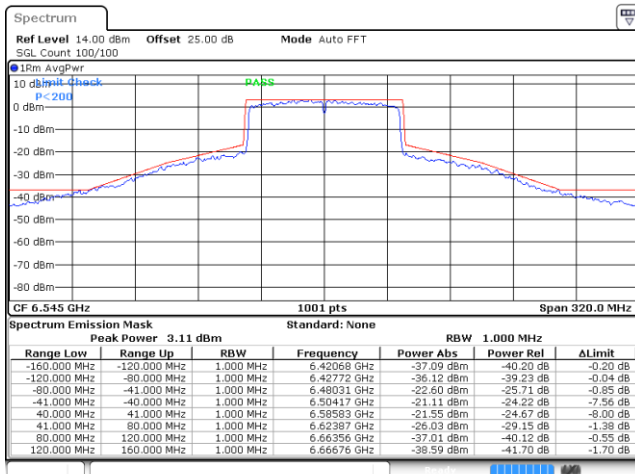
Plot on Channel 6465MHz



Date: 12 FEB 2022 07:32:25

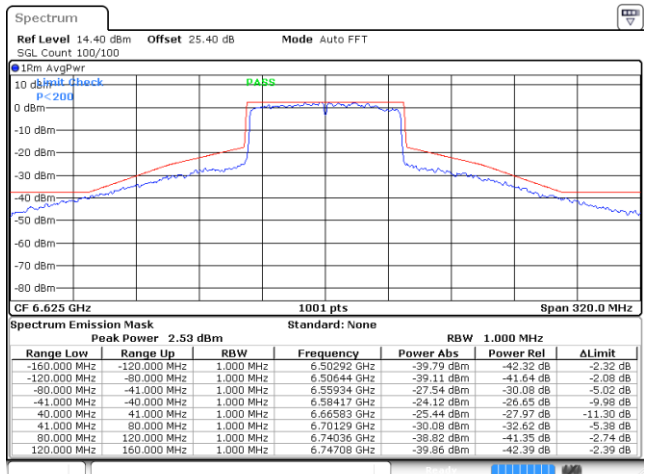


Plot on Channel 6545MHz



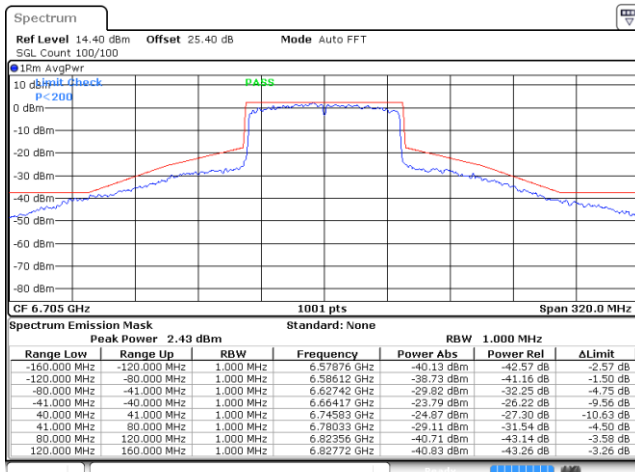
Date: 12 FEB 2022 08:05:19

Plot on Channel 6625MHz



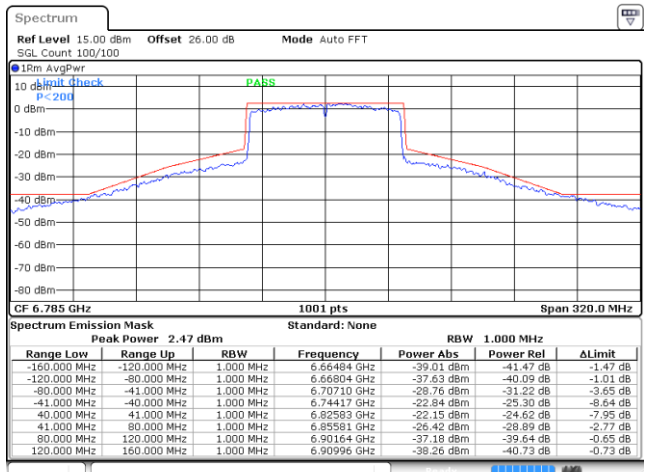
Date: 12 FEB 2022 08:18:26

Plot on Channel 6705MHz



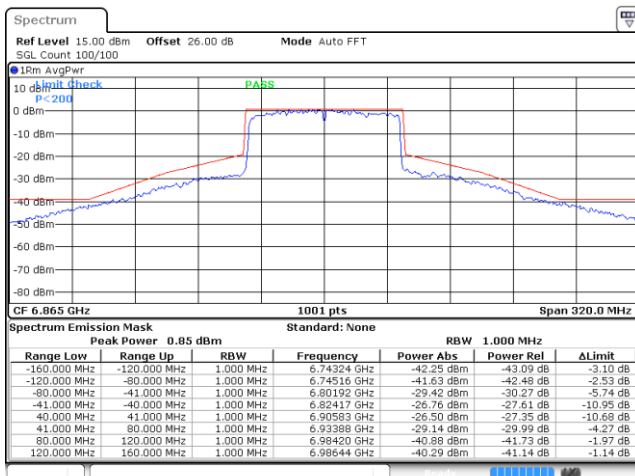
Date: 12 FEB 2022 08:29:28

Plot on Channel 6785MHz



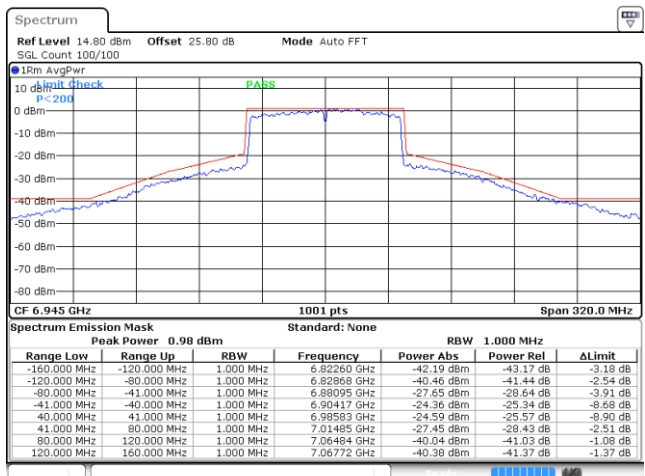
Date: 12 FEB 2022 08:37:39

Plot on Channel 6865MHz



Date: 12 FEB 2022 08:59:50

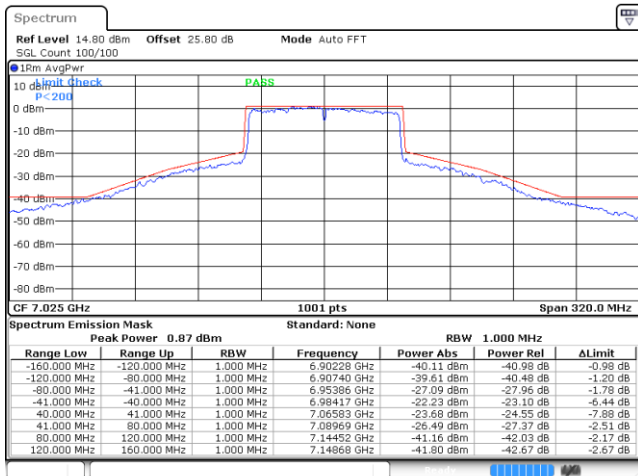
Plot on Channel 6945MHz



Date: 12 FEB 2022 09:12:12



Plot on Channel 7025MHz

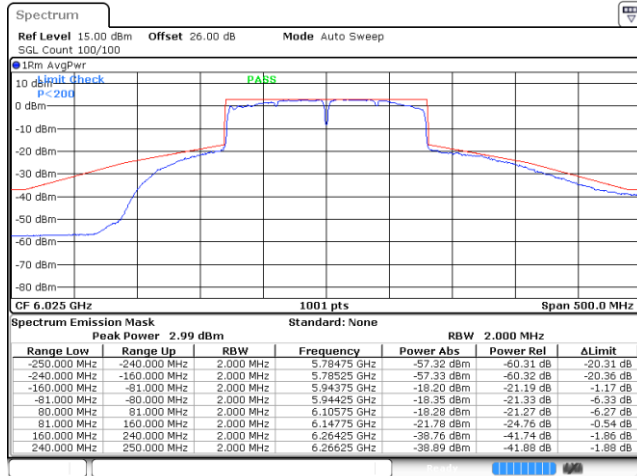


Date: 13.FEB.2022 01:31:23



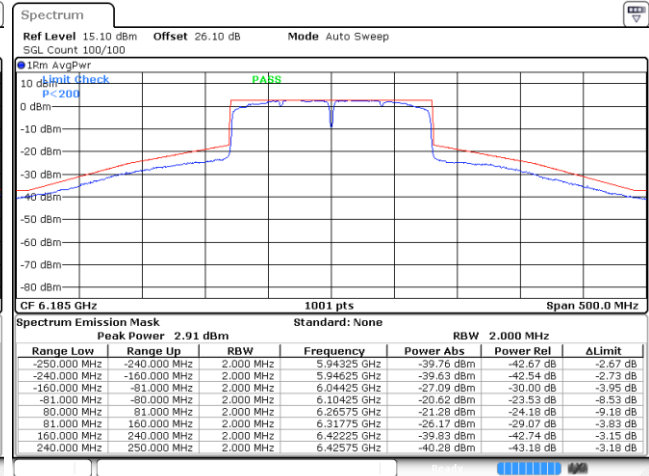
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



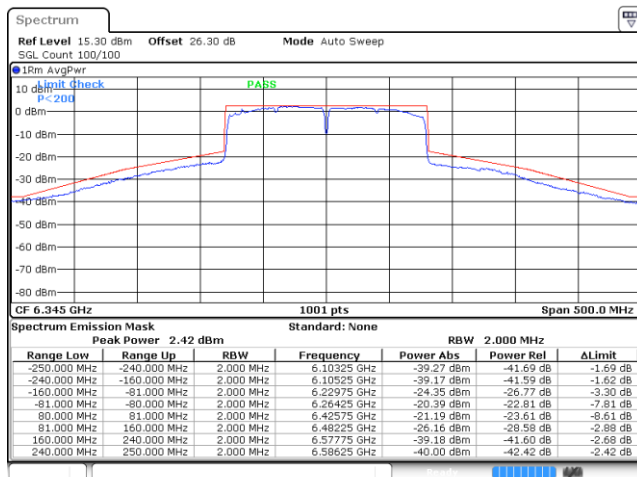
Date: 12 FEB 2022 04:23:24

Plot on Channel 6185MHz



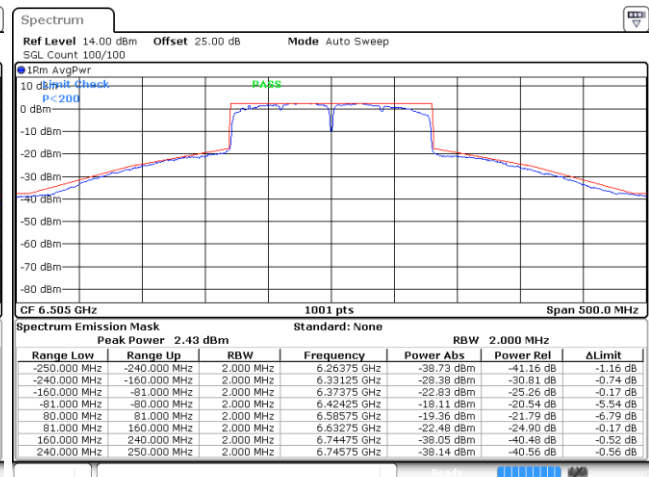
Date: 12 FEB 2022 04:17:51

Plot on Channel 6345MHz



Date: 12 FEB 2022 04:28:48

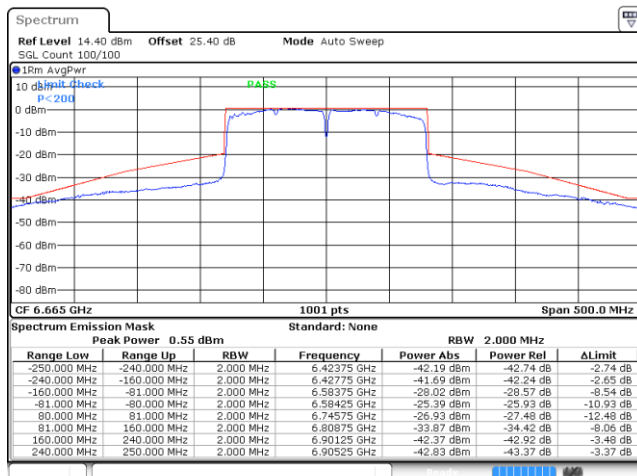
Plot on Channel 6505MHz



Date: 12 FEB 2022 05:00:31

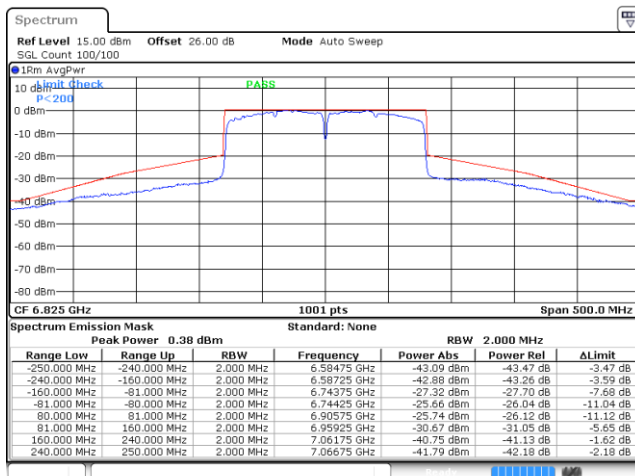


Plot on Channel 6665MHz



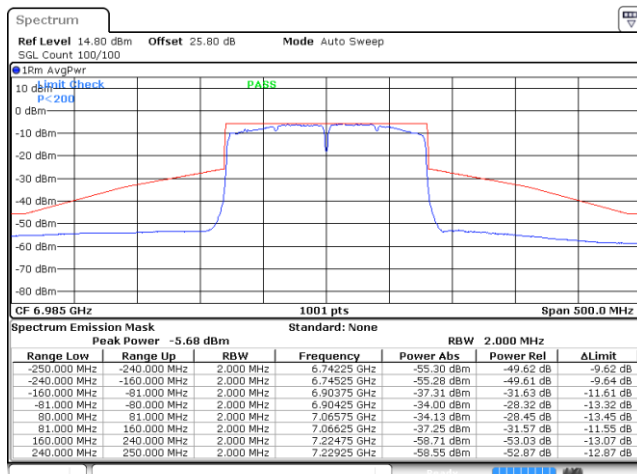
Date: 12 FEB 2022 06:17:56

Plot on Channel 6825MHz



Date: 12 FEB 2022 07:49:47

Plot on Channel 6985MHz



Date: 12 FEB 2022 06:37:47

3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

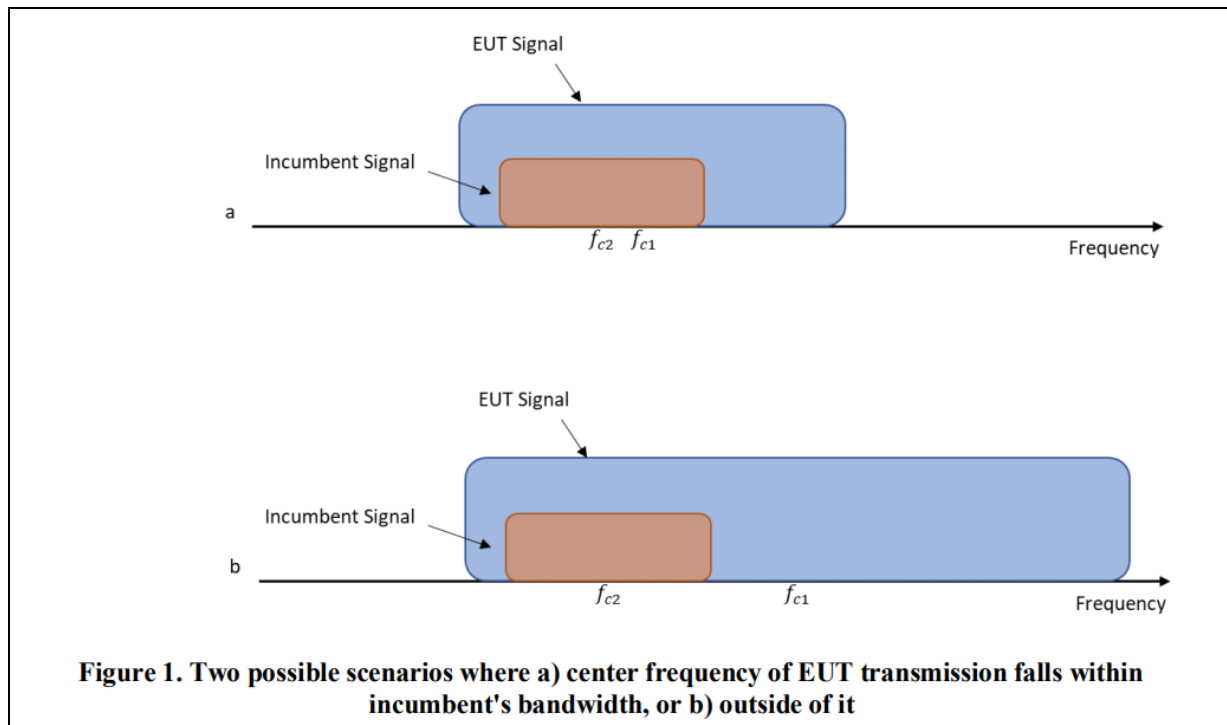
where:

BW_{EUT} : Transmission bandwidth of EUT signal

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

f_{c1} : Center frequency of EUT transmission

f_{c2} : Center frequency of simulated incumbent signal



3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

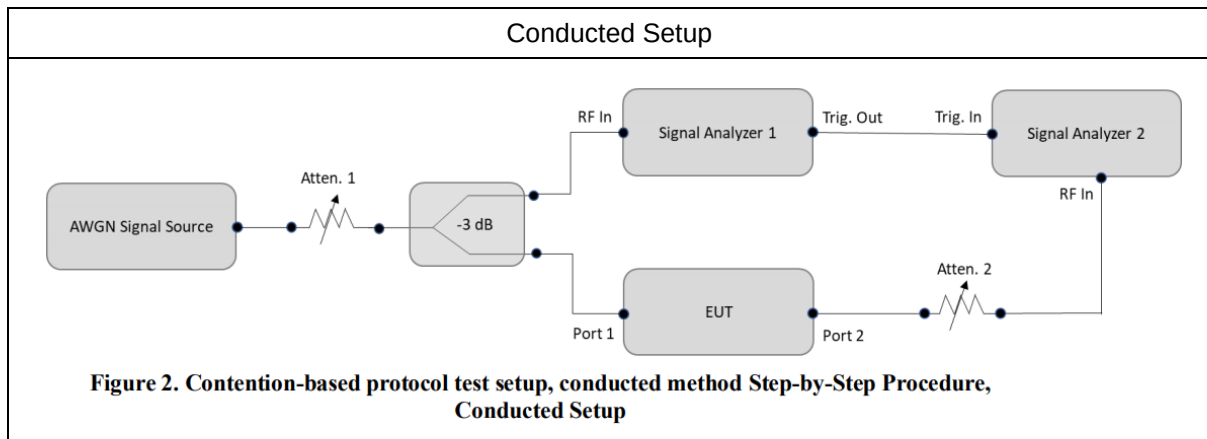
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

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

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

3.5.4 Test Setup



3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
Notebook	Acer	N15C1	LAN

**3.5.6 Test Summary of Contention Based Protocol Test**

Test Engineer :	Amber Cheng	Temperature :	22~25℃
		Relative Humidity :	52~55%

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	-89.71	100	-59	30.71
	6185	160	6110	-85.82	100	-59	26.82
			6185	-82.33	100	-59	23.33
			6260	-87.17	100	-59	28.17
UNII Band 6	6455	20	6455	-88.67	100	-58.6	30.07
	6505	160	6430	-86.57	100	-58.6	27.97
			6505	-83.16	100	-58.6	24.56
			6580	-86.64	100	-58.6	28.04
UNII Band 7	6695	20	6695	-87.83	100	-58.6	29.23
	6665	160	6590	-85.32	100	-58.6	26.72
			6665	-82.03	100	-58.6	23.43
			6740	-86.12	100	-58.6	27.52
UNII Band 8	7015	20	7015	-86.61	100	-58.6	28.01
	6985	160	6910	-82.53	100	-58.6	23.93
			6985	-76.47	100	-58.6	17.87
			7060	-80.88	100	-58.6	22.28

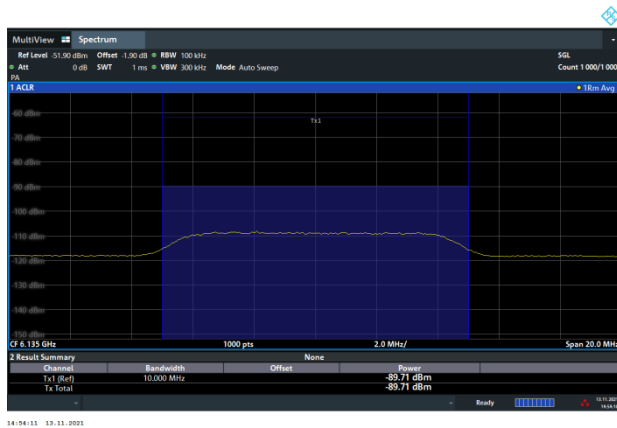
Note: Threshold Level (TL) = -62dBm + minimum antenna gain



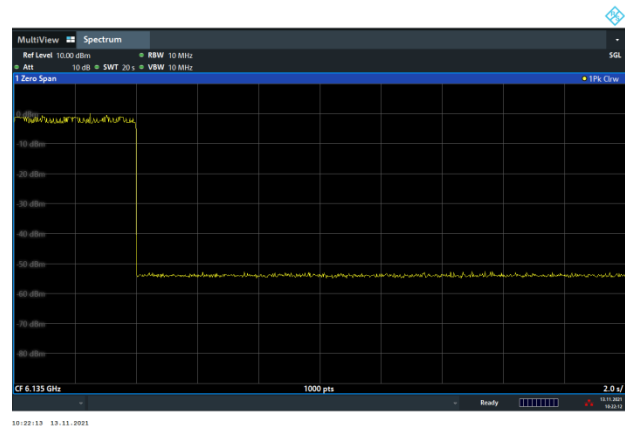
3.5.7 Test Plots of Contention Based Protocol Test

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

802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -89.71dBm



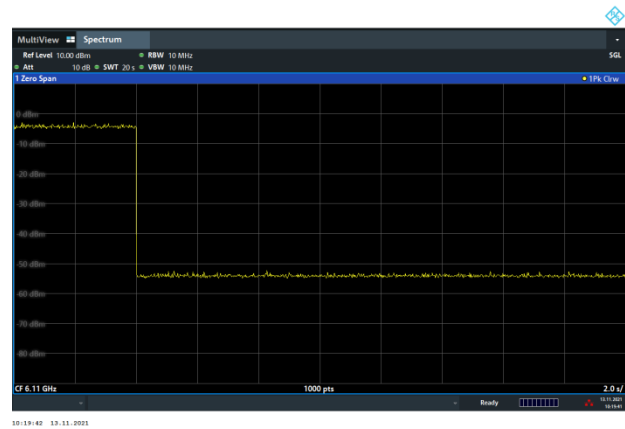
802.11ax (HE20) / CH37
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6110MHz (Lower edge)
Threshold Level (TL) = -85.82dBm

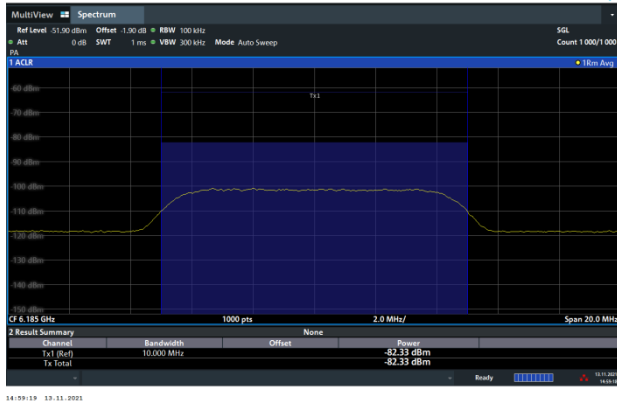


802.11ax (HE160) / CH47 (Lower edge)
Test result is pass due to no transmission occur.

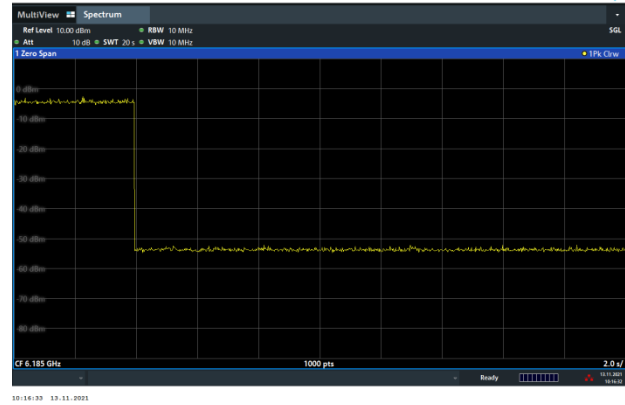




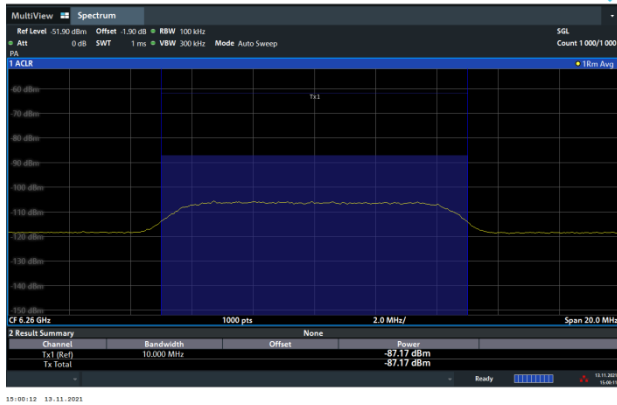
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -82.33dBm



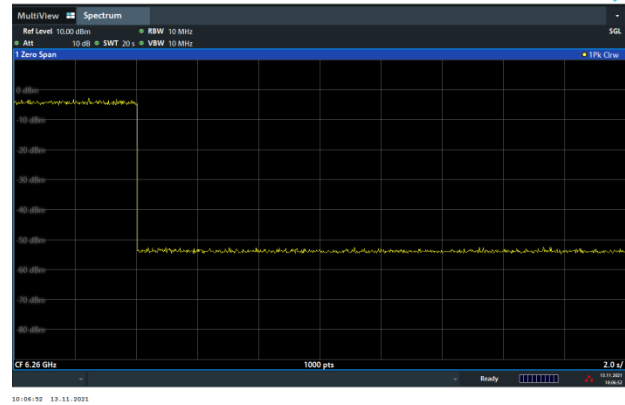
802.11ax (HE160) / CH47 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -87.17dBm



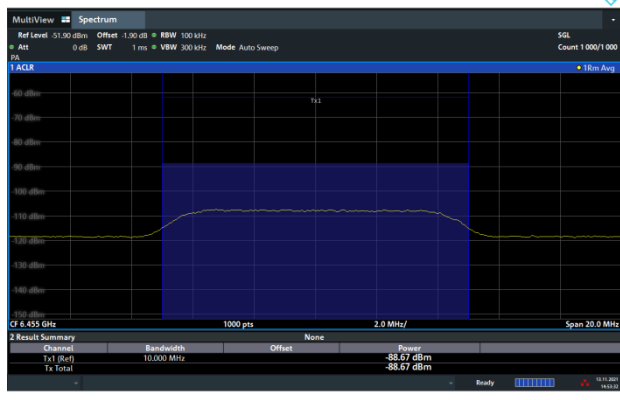
802.11ax (HE160) / CH47 (Upper edge)
Test result is pass due to no transmission occur.



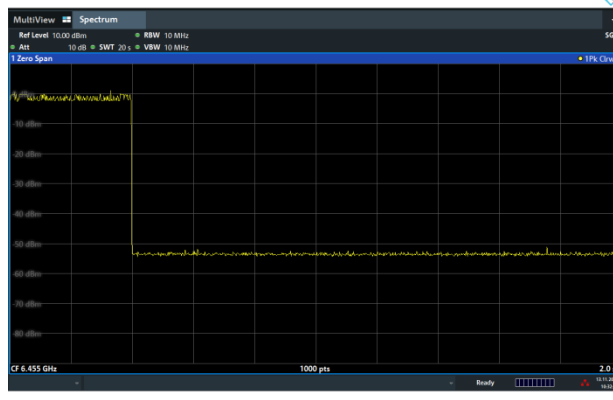


Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

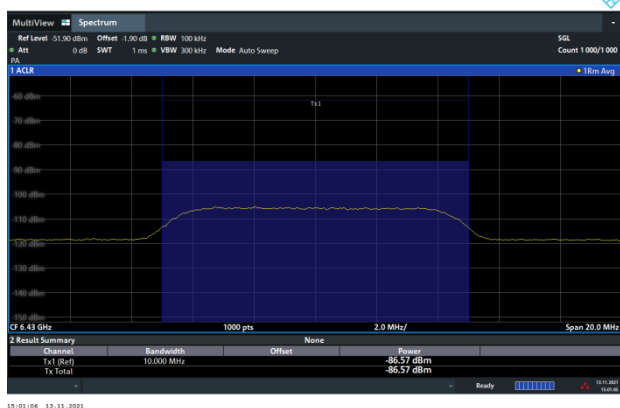
802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -88.67dBm



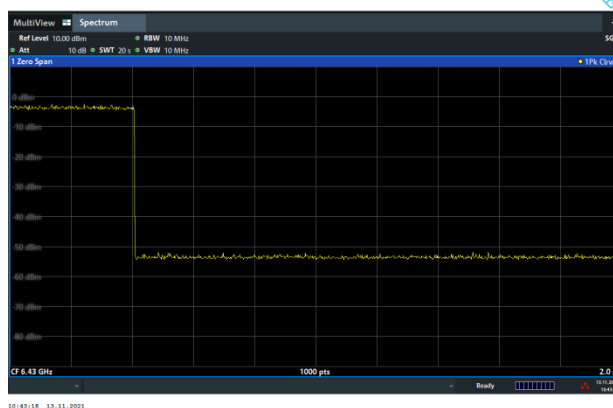
802.11ax (HE20) / CH101
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -86.57dBm

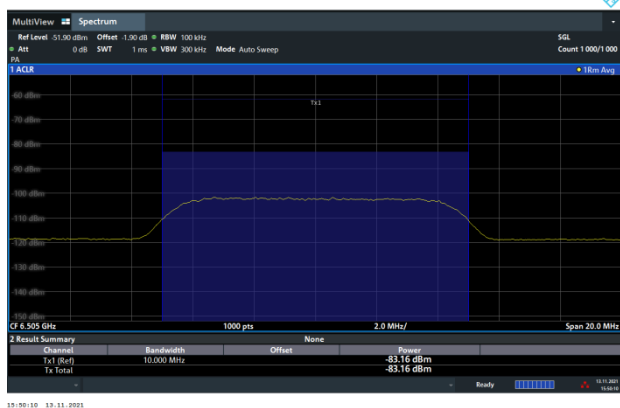


802.11ax (HE160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.

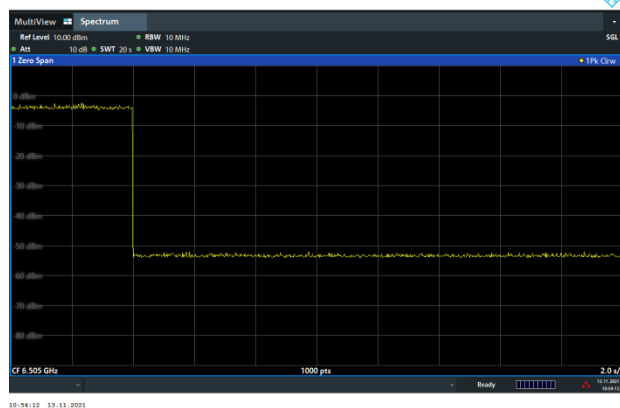




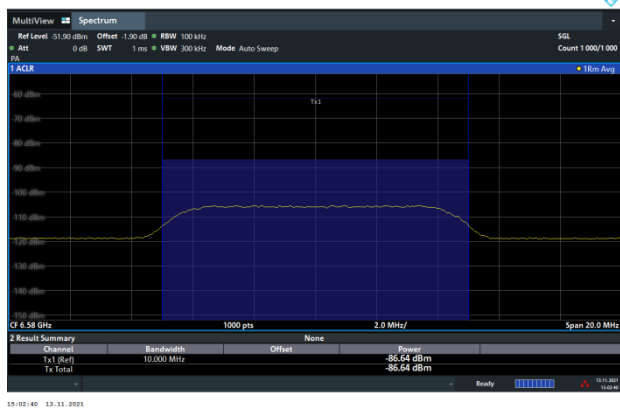
802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -83.16dBm



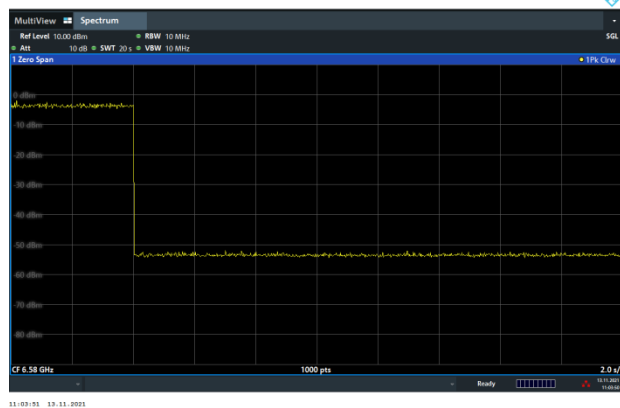
802.11ax (HE160) / CH111 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -86.64dBm



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

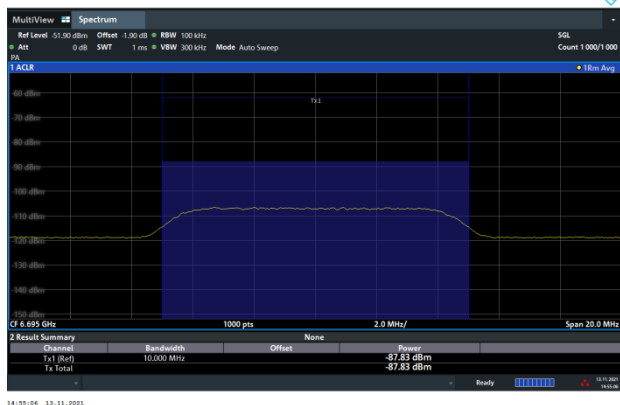




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

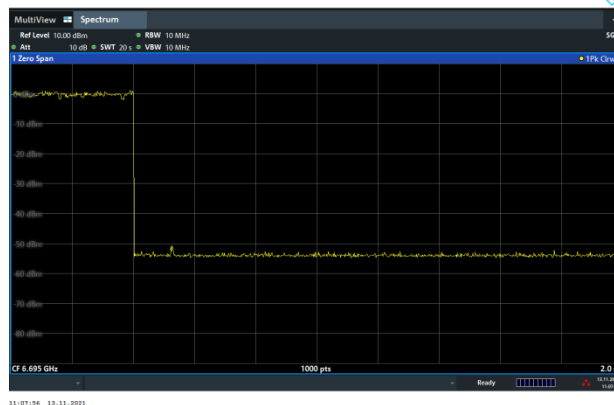
802.11ax (HE20) / 6695MHz

Threshold Level (TL) = -87.83dBm



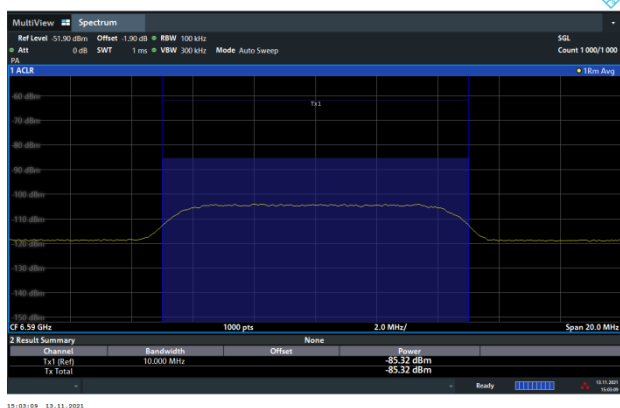
802.11ax (HE20) / CH149

Test result is pass due to no transmission occur.



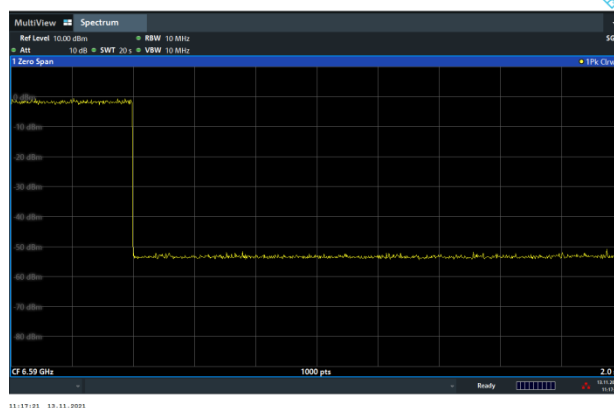
802.11ax (HE160) / 6590MHz (Lower edge)

Threshold Level (TL) = -85.32dBm



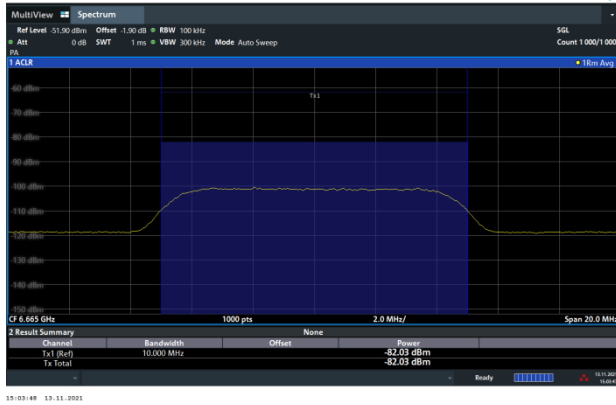
802.11ax (HE160) / CH143 (Lower edge)

Test result is pass due to no transmission occur.

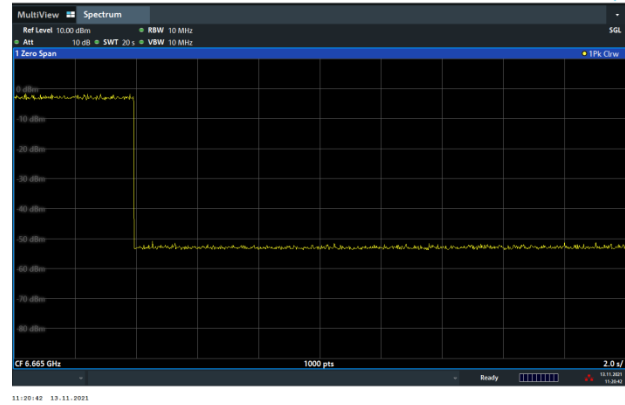




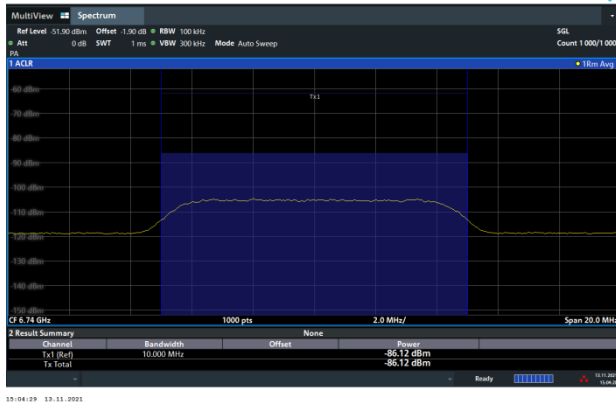
802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -82.03dBm



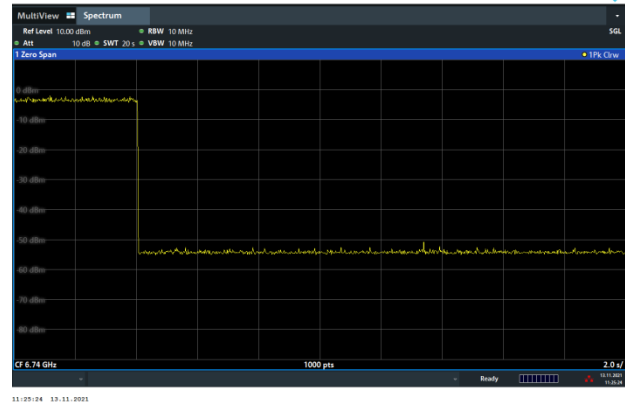
802.11ax (HE160) / CH143 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -86.12dBm



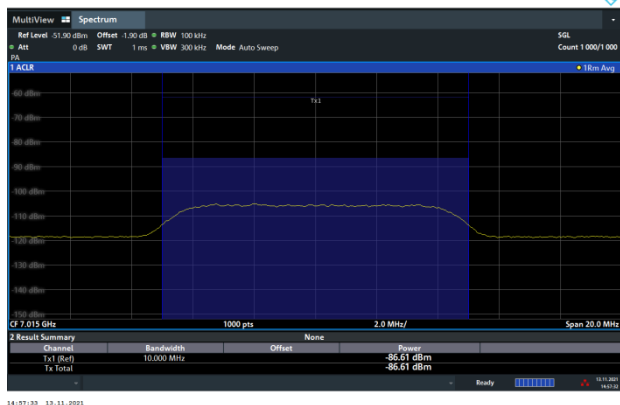
802.11ax (HE160) / CH143 (Upper edge)
Test result is pass due to no transmission occur.



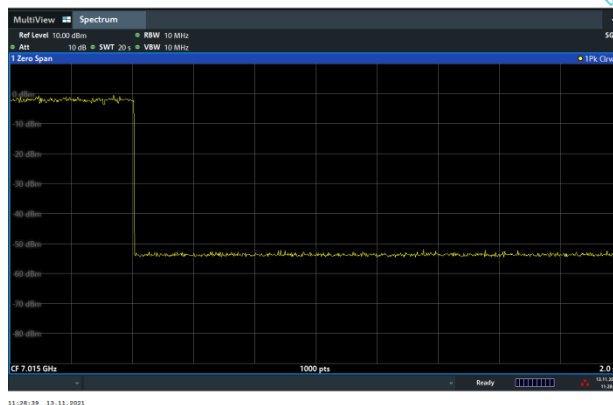


Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

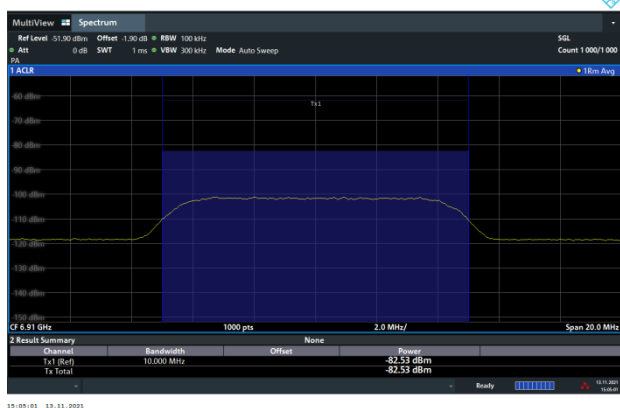
802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -86.61dBm



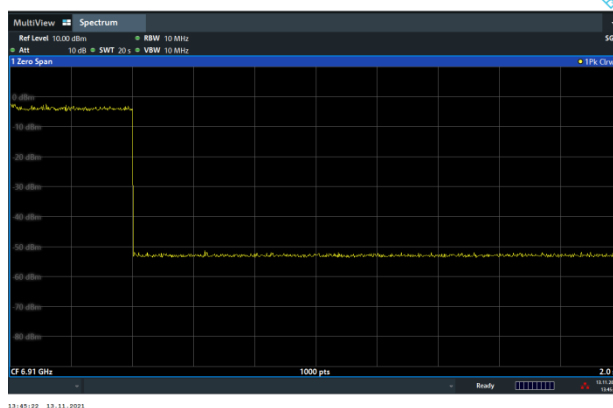
802.11ax (HE20) / CH213
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -82.53dBm



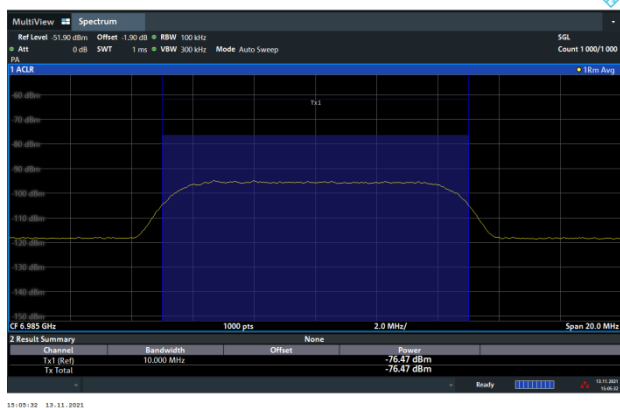
802.11ax (HE160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.





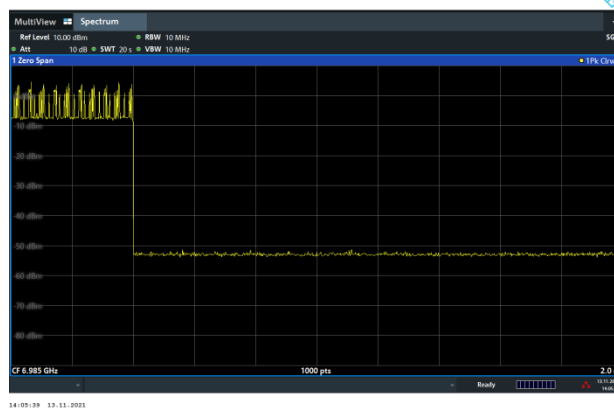
802.11ax (HE160) / 6985MHz (Middle)

Threshold Level (TL) = -76.47dBm



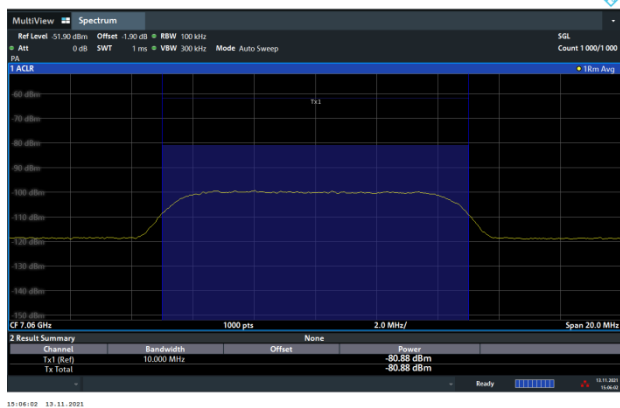
802.11ax (HE160) / CH207 (Middle)

Test result is pass due to no transmission occur.



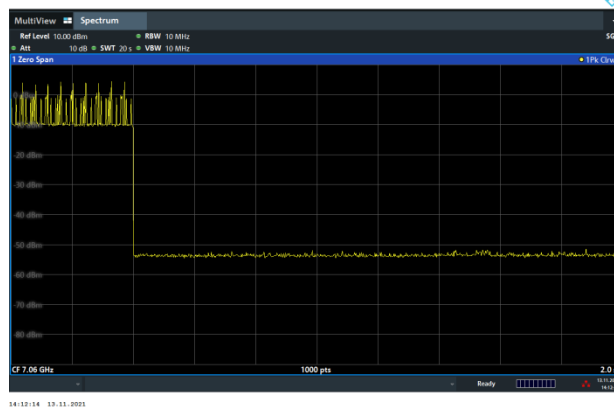
802.11ax (HE160) / 7060MHz (Upper edge)

Threshold Level (TL) = -80.88dBm



802.11ax (HE160) / CH207 (Upper edge)

Test result is pass due to no transmission occur.



3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

3.6.2 Measuring Instruments

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

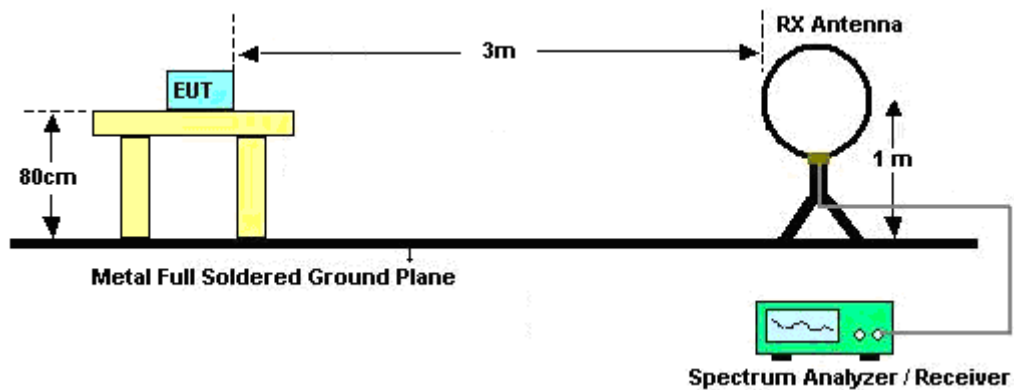
3.6.3 Test Procedures

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

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

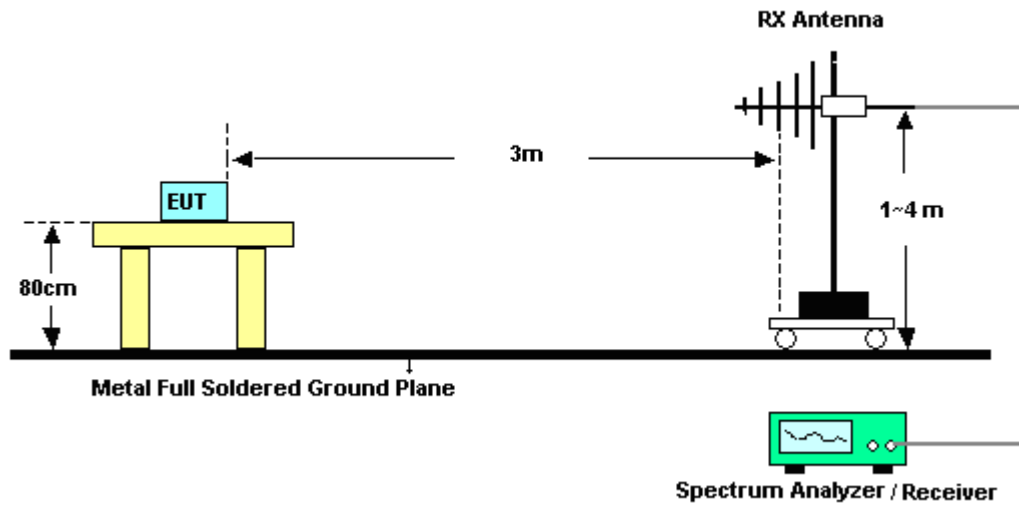
3.6.4 Test Setup

For radiated emissions below 30MHz

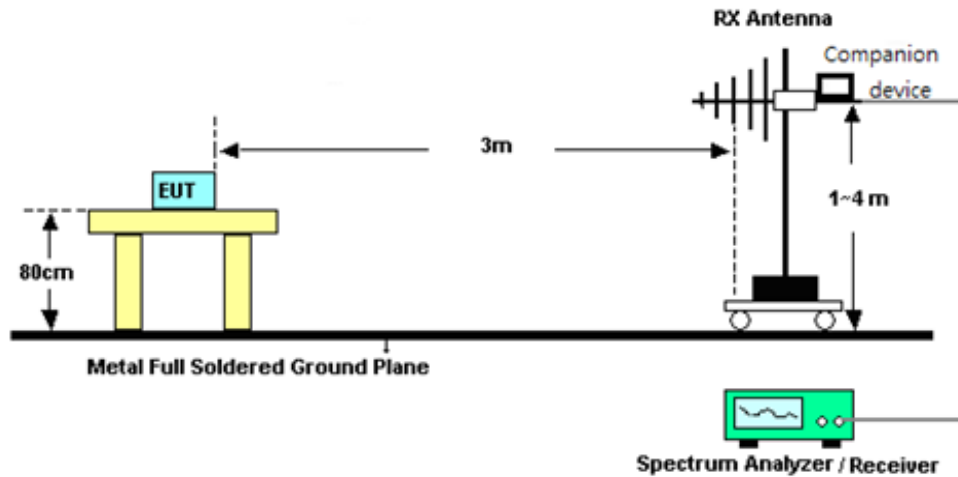


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

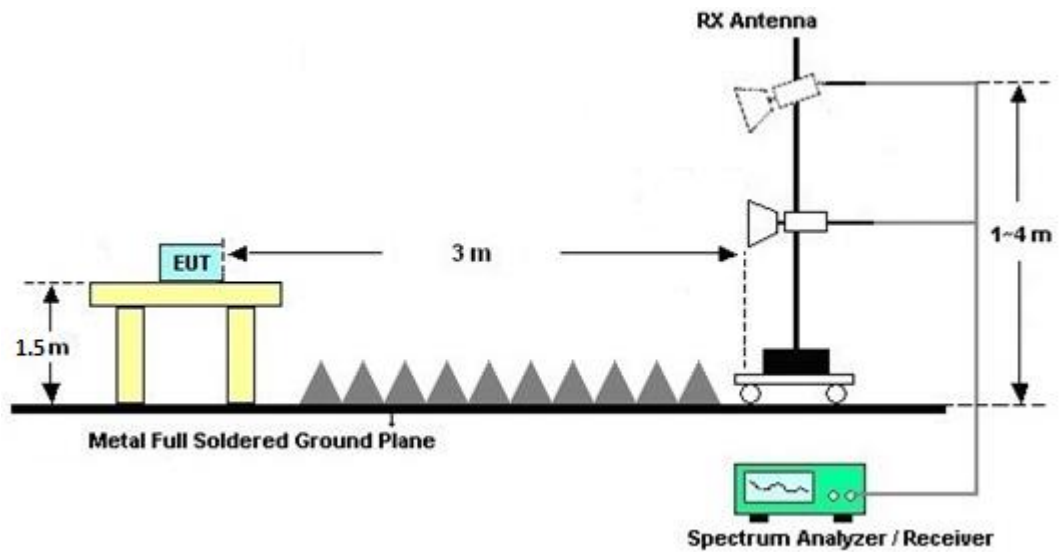


<TXBF Modes>

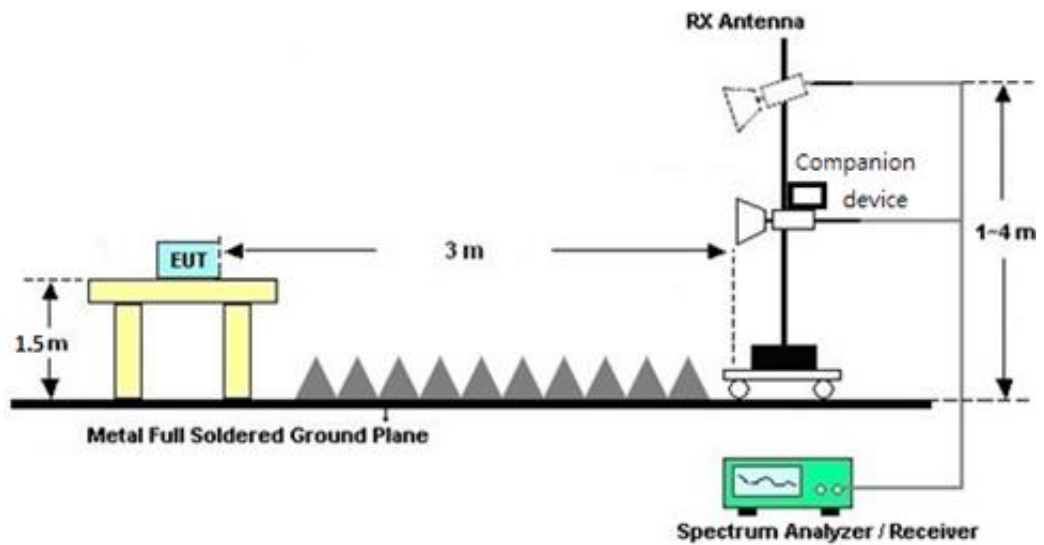


For radiated test from 1GHz to 18GHz

<CDD Mode>

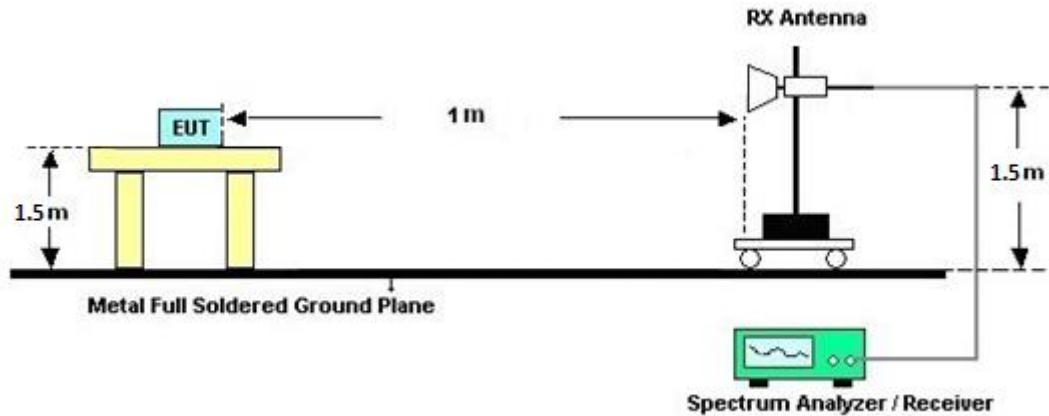


<TXBF Modes>

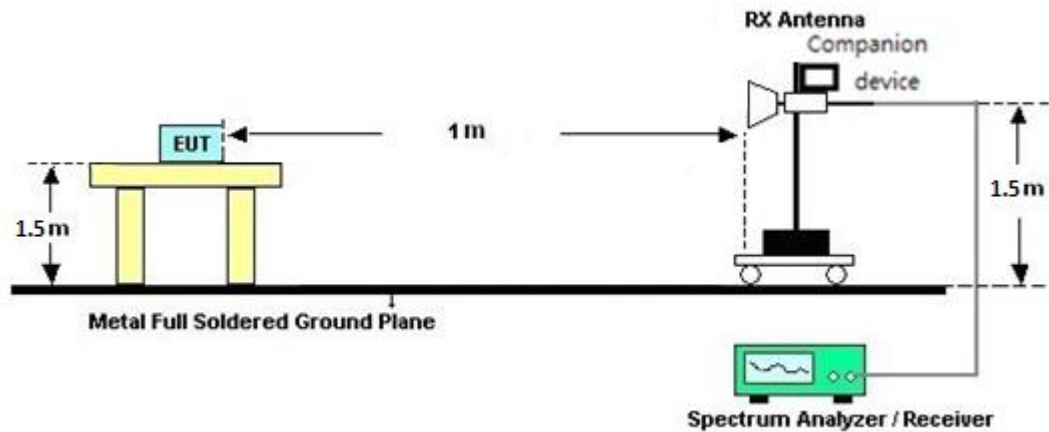


For radiated test above 18GHz

<CDD Mode>



<TXBF Modes>



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.



3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

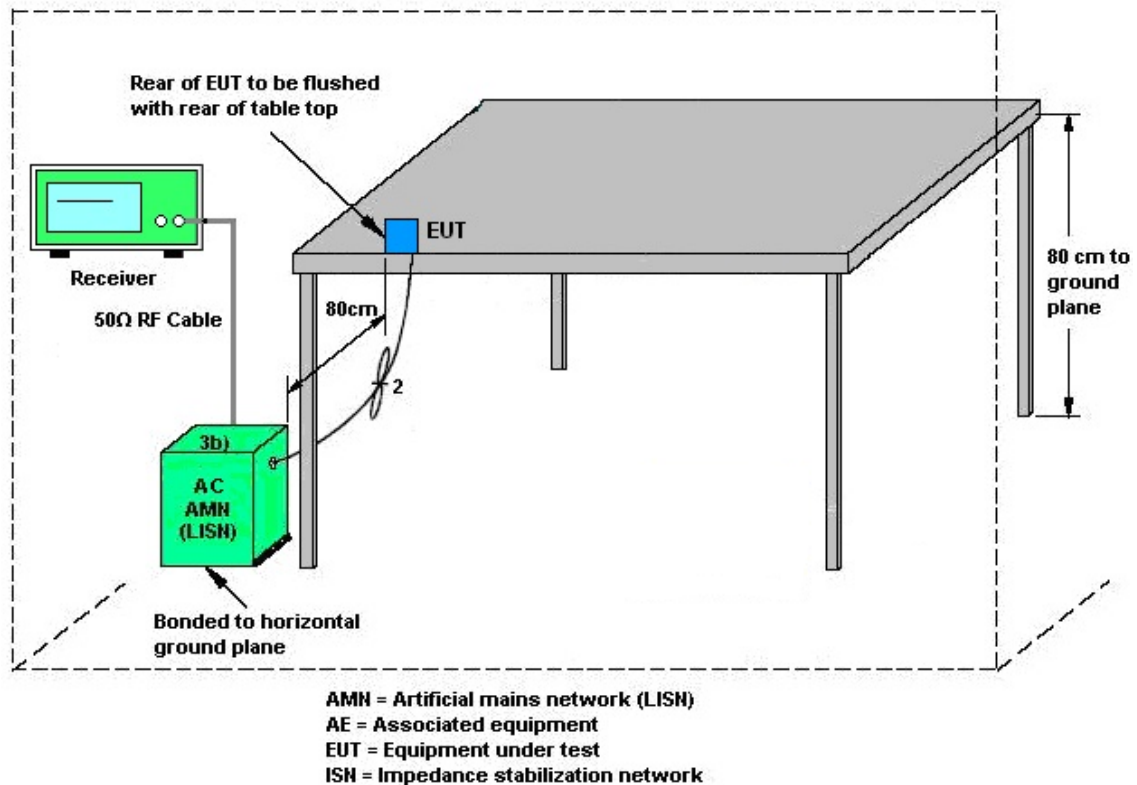
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.8 Antenna Requirements

3.8.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

AC Conducted Emission

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 14, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Dec. 14, 2021	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Dec. 14, 2021	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Dec. 14, 2021	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 14, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Dec. 14, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Dec. 14, 2021	Dec. 30, 2021	Conduction (CO05-HY)

Contention Based Protocol

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 13, 2022	Jan. 17, 2022	Jan. 12, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Jan. 17, 2022	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	SMA 4Way Power Divider	DCMB1CW3 A7	0.5GHz~18GHz	Calibration from System	Jan. 17, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	SMA 4Way Power Divider	0120A040560 02D	0.5~6GHz	Calibration from System	Jan. 17, 2022	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A 1	0.5~18GHz	Calibration from System	Jan. 17, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010 (#2)	2GHz~8GHz	Calibration from System	Jan. 17, 2022	Calibration from System	CBP (DF02-HY)

26dB Emission Bandwidth, 99% Occupied Bandwidth, and In-Band Emissions (Channel Mask)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
<CDD Mode>								
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Feb. 08, 2022~Feb. 16, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Feb. 08, 2022~Feb. 16, 2022	Aug. 11, 2022	Conducted (TH05-HY)
<TXBF Mode>								
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Dec. 01, 2021~Feb. 15, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Dec. 01, 2021~Feb. 15, 2022	Aug. 11, 2022	Conducted (TH05-HY)



Maximum Conducted Output Power, Fundamental Maximum EIRP, Fundamental Power Spectral Density, and Unwanted Emissions

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
<CDD Mode>								
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jan. 28, 2022~ Feb. 05, 2022	Jan. 06, 2023	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Jan. 28, 2022~ Feb. 05, 2022	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 05, 2021	Jan. 28, 2022~ Feb. 05, 2022	Jul. 04, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Oct. 25, 2021	Jan. 28, 2022~ Feb. 05, 2022	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz~40GHz	Nov. 30, 2021	Jan. 28, 2022~ Feb. 05, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55006	1GHz~18GHz	May. 06, 2021	Jan. 28, 2022~ Feb. 05, 2022	May. 05, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Jan. 28, 2022~ Feb. 05, 2022	Jun. 21, 2022	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz-18GHz	Dec. 16, 2021	Jan. 28, 2022~ Feb. 05, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 21, 2020	Jan. 28, 2022~ Feb. 05, 2022	Oct. 20, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May. 07, 2021	Jan. 28, 2022~ Feb. 05, 2022	May. 06, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 28, 2022~ Feb. 05, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 28, 2022~ Feb. 05, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24 (k5)	RK-000451	N/A	N/A	Jan. 28, 2022~ Feb. 05, 2022	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Jan. 28, 2022~ Feb. 05, 2022	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Jan. 28, 2022~ Feb. 05, 2022	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Jan. 28, 2022~ Feb. 05, 2022	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Jan. 28, 2022~ Feb. 05, 2022	Mar. 10, 2022	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
<TXBF Mode>								
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jan. 29, 2022~ Feb. 26, 2022	Jan. 06, 2023	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Jan. 29, 2022~ Feb. 26, 2022	Feb. 07, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Jan. 29, 2022~ Feb. 26, 2022	Feb. 05, 2023	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 05, 2021	Jan. 29, 2022~ Feb. 26, 2022	Jul. 04, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Oct. 25, 2021	Jan. 29, 2022~ Feb. 26, 2022	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz~40GHz	Nov. 30, 2021	Jan. 29, 2022~ Feb. 26, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55006	1GHz~18GHz	May. 06, 2021	Jan. 29, 2022~ Feb. 26, 2022	May. 05, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Jan. 29, 2022~ Feb. 26, 2022	Jun. 21, 2022	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Dec. 16, 2021	Jan. 29, 2022~ Feb. 26, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 21, 2020	Jan. 29, 2022~ Feb. 26, 2022	Oct. 20, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May. 07, 2021	Jan. 29, 2022~ Feb. 26, 2022	May. 06, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 29, 2022~ Feb. 26, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 29, 2022~ Feb. 26, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Jan. 29, 2022~ Feb. 26, 2022	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Jan. 29, 2022~ Feb. 26, 2022	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	30MHz~40GHz	Jan. 04, 2022	Jan. 29, 2022~ Feb. 26, 2022	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Jan. 29, 2022~ Feb. 26, 2022	Mar. 10, 2022	Radiation (03CH15-HY)

**Duty Cycle Plots**

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Analyzer	Keysight	N9010B	MY60241058	N/A	Jul. 06, 2021	Nov. 10, 2021 ~ Jan. 07, 2022	Jul. 05, 2022	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 16, 2020	Nov. 10, 2021 ~ Nov. 14, 2022	Nov. 15, 2021	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 15, 2021	Nov. 15, 2021 ~ Jan. 07, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Nov. 10, 2021 ~ Jan. 07, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 20, 2021	Nov. 10, 2021 ~ Jan. 07, 2022	Jan. 19, 2022	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Nov. 10, 2021 ~ Jan. 07, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Nov. 10, 2021 ~ Jan. 07, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Nov. 10, 2021 ~ Jan. 07, 2022	N/A	Radiation (03CH20-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.10 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.80 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.60 dB
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Appendix A. Test Result of EIRP and Power Spectral Density

<CDD Mode>

Test Engineer:	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature:	21.4~23.2	°C
Test Date:	2022/01/28 ~ 2021/02/05	Relative Humidity:	47.0~55.0	%

TEST RESULTS DATA
EIRP Power

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11a	MCS0	4	001	5955	-	99.63	7.64	107.27	0.15	-95.23	12.19	30.00	Pass
11a	MCS0	4	049	6195	-	98.99	7.81	106.80	0.15	-95.23	11.72	30.00	Pass
11a	MCS0	4	093	6415	-	97.95	8.71	106.66	0.15	-95.23	11.58	30.00	Pass
HE20	MCS0	4	001	5955	Full	98.94	7.64	106.58	0.66	-95.23	12.01	30.00	Pass
HE20	MCS0	4	049	6195	Full	99.38	7.81	107.19	0.66	-95.23	12.62	30.00	Pass
HE20	MCS0	4	093	6415	Full	96.34	8.71	105.05	0.66	-95.23	10.48	30.00	Pass
HE40	MCS0	4	003	5965	Full	100.70	7.59	108.29	0.64	-95.23	13.70	30.00	Pass
HE40	MCS0	4	051	6205	Full	100.70	7.83	108.53	0.64	-95.23	13.94	30.00	Pass
HE40	MCS0	4	091	6405	Full	99.54	8.67	108.21	0.64	-95.23	13.62	30.00	Pass
HE80	MCS0	4	007	5985	Full	104.90	7.46	112.36	0.67	-95.23	17.80	30.00	Pass
HE80	MCS0	4	055	6225	Full	104.60	7.90	112.50	0.67	-95.23	17.94	30.00	Pass
HE80	MCS0	4	087	6385	Full	103.40	8.56	111.96	0.67	-95.23	17.40	30.00	Pass
HE160	MCS0	4	015	6025	Full	106.70	7.55	114.25	0.65	-95.23	19.67	30.00	Pass
HE160	MCS0	4	047	6185	Full	106.90	7.80	114.70	0.65	-95.23	20.12	30.00	Pass
HE160	MCS0	4	079	6345	Full	106.10	8.27	114.37	0.65	-95.23	19.79	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11a	MCS0	4	097	6435	-	98.410	8.270	106.68	0.15	-95.23	11.60	30.00	Pass
11a	MCS0	4	105	6475	-	97.810	8.940	106.75	0.15	-95.23	11.67	30.00	Pass
11a	MCS0	4	113	6515	-	97.290	9.150	106.44	0.15	-95.23	11.36	30.00	Pass
HE20	MCS0	4	097	6435	Full	97.310	8.270	105.58	0.66	-95.23	11.01	30.00	Pass
HE20	MCS0	4	105	6475	Full	96.790	8.940	105.73	0.66	-95.23	11.16	30.00	Pass
HE20	MCS0	4	113	6515	Full	95.820	9.150	104.97	0.66	-95.23	10.40	30.00	Pass
HE40	MCS0	4	099	6445	Full	99.640	8.800	108.44	0.64	-95.23	13.85	30.00	Pass
HE40	MCS0	4	107	6485	Full	99.430	8.990	108.42	0.64	-95.23	13.83	30.00	Pass
HE80	MCS0	4	103	6465	Full	102.600	8.890	111.49	0.67	-95.23	16.93	30.00	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Full	99.300	9.220	108.52	0.64	-95.23	13.93	30.00	Pass
HE80	MCS0	4	119	6545	Full	102.000	9.340	111.34	0.67	-95.23	16.78	30.00	Pass
HE160	MCS0	4	111	6505	Full	105.200	9.100	114.30	0.65	-95.23	19.72	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11a	MCS0	4	117	6535	-	97.410	9.290	106.70	0.15	-95.23	11.62	30.00	Pass
11a	MCS0	4	149	6695	-	94.990	10.020	105.01	0.15	-95.23	9.93	30.00	Pass
11a	MCS0	4	181	6855	-	97.020	9.780	106.80	0.15	-95.23	11.72	30.00	Pass
HE20	MCS0	4	117	6535	Full	96.900	9.290	106.19	0.66	-95.23	11.62	30.00	Pass
HE20	MCS0	4	149	6695	Full	97.130	10.020	107.15	0.66	-95.23	12.58	30.00	Pass
HE20	MCS0	4	181	6855	Full	96.390	9.780	106.17	0.66	-95.23	11.60	30.00	Pass
HE40	MCS0	4	123	6565	Full	98.810	9.470	108.28	0.64	-95.23	13.69	30.00	Pass
HE40	MCS0	4	147	6685	Full	99.430	9.990	109.42	0.64	-95.23	14.83	30.00	Pass
HE40	MCS0	4	179	6845	Full	98.170	9.800	107.97	0.64	-95.23	13.38	30.00	Pass
HE80	MCS0	4	135	6625	Full	101.700	9.800	111.50	0.67	-95.23	16.94	30.00	Pass
HE80	MCS0	4	151	6705	Full	101.900	10.000	111.90	0.67	-95.23	17.34	30.00	Pass
HE80	MCS0	4	167	6785	Full	101.800	9.860	111.66	0.67	-95.23	17.10	30.00	Pass
HE160	MCS0	4	143	6665	Full	104.800	9.940	114.74	0.65	-95.23	20.16	30.00	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11a	MCS0	4	185	6875	-	95.990	9.790	105.78	0.15	-95.23	10.70	30.00	Pass
HE20	MCS0	4	185	6875	Full	96.250	9.790	106.04	0.66	-95.23	11.47	30.00	Pass
HE40	MCS0	4	187	6885	Full	98.430	9.800	108.23	0.64	-95.23	13.64	30.00	Pass
HE80	MCS0	4	183	6865	Full	101.500	9.790	111.29	0.67	-95.23	16.73	30.00	Pass
HE160	MCS0	4	175	6825	Full	104.700	9.820	114.52	0.65	-95.23	19.94	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11a	MCS0	4	189	6895	-	95.430	9.800	105.23	0.15	-95.23	10.15	30.00	Pass
11a	MCS0	4	209	6995	-	95.830	9.940	105.77	0.15	-95.23	10.69	30.00	Pass
11a	MCS0	4	229	7095	-	94.370	10.490	104.86	0.15	-95.23	9.78	30.00	Pass
HE20	MCS0	4	189	6895	Full	96.020	9.800	105.82	0.66	-95.23	11.25	30.00	Pass
HE20	MCS0	4	209	6995	Full	96.060	9.940	106.00	0.66	-95.23	11.43	30.00	Pass
HE20	MCS0	4	229	7095	Full	95.480	10.490	105.97	0.66	-95.23	11.40	30.00	Pass
HE40	MCS0	4	195	6925	Full	98.180	9.860	108.04	0.64	-95.23	13.45	30.00	Pass
HE40	MCS0	4	211	7005	Full	98.720	9.960	108.68	0.64	-95.23	14.09	30.00	Pass
HE40	MCS0	4	227	7085	Full	98.700	10.420	109.12	0.64	-95.23	14.53	30.00	Pass
HE80	MCS0	4	199	6945	Full	101.800	9.910	111.71	0.67	-95.23	17.15	30.00	Pass
HE80	MCS0	4	215	7025	Full	101.700	10.060	111.76	0.67	-95.23	17.20	30.00	Pass
HE160	MCS0	4	207	6985	Full	104.600	9.940	114.54	0.65	-95.23	19.96	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
11a	MCS0	4	001	5955	-	92.25	7.64	99.89	0.15	-95.23	4.81	5	Pass
11a	MCS0	4	049	6195	-	92.14	7.81	99.95	0.15	-95.23	4.87	5	Pass
11a	MCS0	4	093	6415	-	90.87	8.71	99.58	0.15	-95.23	4.50	5	Pass
HE20	MCS0	4	001	5955	Full	91.68	7.64	99.32	0.66	-95.23	4.75	5	Pass
HE20	MCS0	4	049	6195	Full	91.69	7.81	99.50	0.66	-95.23	4.93	5	Pass
HE20	MCS0	4	093	6415	Full	90.59	8.71	99.30	0.66	-95.23	4.73	5	Pass
HE40	MCS0	4	003	5965	Full	91.78	7.59	99.37	0.64	-95.23	4.78	5	Pass
HE40	MCS0	4	051	6205	Full	91.70	7.83	99.53	0.64	-95.23	4.93	5	Pass
HE40	MCS0	4	091	6405	Full	90.44	8.67	99.11	0.64	-95.23	4.52	5	Pass
HE80	MCS0	4	007	5985	Full	91.88	7.46	99.34	0.67	-95.23	4.78	5	Pass
HE80	MCS0	4	055	6225	Full	91.57	7.90	99.47	0.67	-95.23	4.91	5	Pass
HE80	MCS0	4	087	6385	Full	90.67	8.56	99.23	0.67	-95.23	4.67	5	Pass
HE160	MCS0	4	015	6025	Full	92.00	7.55	99.55	0.65	-95.23	4.97	5	Pass
HE160	MCS0	4	047	6185	Full	91.51	7.80	99.31	0.65	-95.23	4.73	5	Pass
HE160	MCS0	4	079	6345	Full	90.93	8.27	99.20	0.65	-95.23	4.62	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
11a	MCS0	4	097	6435	-	91.65	8.27	99.92	0.15	-95.23	4.84	5	Pass
11a	MCS0	4	105	6475	-	90.94	8.94	99.88	0.15	-95.23	4.79	5	Pass
11a	MCS0	4	113	6515	-	90.82	9.15	99.97	0.15	-95.23	4.89	5	Pass
HE20	MCS0	4	097	6435	Full	91.25	8.27	99.52	0.66	-95.23	4.95	5	Pass
HE20	MCS0	4	105	6475	Full	90.37	8.94	99.31	0.66	-95.23	4.75	5	Pass
HE20	MCS0	4	113	6515	Full	90.02	9.15	99.17	0.66	-95.23	4.60	5	Pass
HE40	MCS0	4	099	6445	Full	90.62	8.80	99.42	0.64	-95.23	4.83	5	Pass
HE40	MCS0	4	107	6485	Full	90.27	8.99	99.26	0.64	-95.23	4.66	5	Pass
HE80	MCS0	4	103	6465	Full	90.34	8.89	99.23	0.67	-95.23	4.67	5	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Full	90.16	9.22	99.38	0.64	-95.23	4.78	5	Pass
HE80	MCS0	4	119	6545	Full	89.80	9.34	99.14	0.67	-95.23	4.58	5	Pass
HE160	MCS0	4	111	6505	Full	90.29	9.10	99.39	0.65	-95.23	4.81	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
11a	MCS0	4	117	6535	-	90.40	9.29	99.69	0.15	-95.23	4.60	5	Pass
11a	MCS0	4	149	6695	-	89.51	10.02	99.53	0.15	-95.23	4.45	5	Pass
11a	MCS0	4	181	6855	-	89.86	9.78	99.64	0.15	-95.23	4.55	5	Pass
HE20	MCS0	4	117	6535	Full	89.94	9.29	99.23	0.66	-95.23	4.66	5	Pass
HE20	MCS0	4	149	6695	Full	89.05	10.02	99.07	0.66	-95.23	4.50	5	Pass
HE20	MCS0	4	181	6855	Full	89.44	9.78	99.22	0.66	-95.23	4.66	5	Pass
HE40	MCS0	4	123	6565	Full	90.10	9.47	99.57	0.64	-95.23	4.98	5	Pass
HE40	MCS0	4	147	6685	Full	89.48	9.99	99.47	0.64	-95.23	4.88	5	Pass
HE40	MCS0	4	179	6845	Full	88.65	9.80	98.45	0.64	-95.23	3.85	5	Pass
HE80	MCS0	4	135	6625	Full	89.27	9.80	99.07	0.67	-95.23	4.51	5	Pass
HE80	MCS0	4	151	6705	Full	89.15	10.00	99.15	0.67	-95.23	4.59	5	Pass
HE80	MCS0	4	167	6785	Full	89.49	9.86	99.35	0.67	-95.23	4.79	5	Pass
HE160	MCS0	4	143	6665	Full	89.38	9.94	99.32	0.65	-95.23	4.74	5	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	15	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
11a	MCS0	4	185	6875	-	90.13	9.79	99.92	0.15	-95.23	4.84	5	Pass
HE20	MCS0	4	185	6875	Full	89.54	9.79	99.33	0.66	-95.23	4.77	5	Pass
HE40	MCS0	4	187	6885	Full	89.53	9.80	99.33	0.64	-95.23	4.74	5	Pass
HE80	MCS0	4	183	6865	Full	89.39	9.79	99.18	0.67	-95.23	4.62	5	Pass
HE160	MCS0	4	175	6825	Full	89.39	9.82	99.21	0.65	-95.23	4.63	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
11a	MCS0	4	189	6895	-	89.73	9.80	99.53	0.15	-95.23	4.44	5	Pass
11a	MCS0	4	209	6995	-	90.02	9.94	99.96	0.15	-95.23	4.87	5	Pass
11a	MCS0	4	229	7095	-	89.16	10.49	99.65	0.15	-95.23	4.57	5	Pass
HE20	MCS0	4	189	6895	Full	89.31	9.80	99.11	0.66	-95.23	4.55	5	Pass
HE20	MCS0	4	209	6995	Full	89.09	9.94	99.03	0.66	-95.23	4.46	5	Pass
HE20	MCS0	4	229	7095	Full	88.98	10.49	99.47	0.66	-95.23	4.91	5	Pass
HE40	MCS0	4	195	6925	Full	89.30	9.86	99.16	0.64	-95.23	4.57	5	Pass
HE40	MCS0	4	211	7005	Full	89.34	9.96	99.30	0.64	-95.23	4.70	5	Pass
HE40	MCS0	4	227	7085	Full	89.06	10.42	99.48	0.64	-95.23	4.88	5	Pass
HE80	MCS0	4	199	6945	Full	89.35	9.91	99.26	0.67	-95.23	4.70	5	Pass
HE80	MCS0	4	215	7025	Full	89.28	10.06	99.34	0.67	-95.23	4.78	5	Pass
HE160	MCS0	4	207	6985	Full	89.12	9.94	99.06	0.65	-95.23	4.48	5	Pass

TEST RESULTS DATA
EIRP Power

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	001	5955	Partial	98.02	7.64	105.66	0.17	-95.23	10.60	30	Pass
HE20	MCS0	4	049	6195	Partial	97.99	7.81	105.80	0.17	-95.23	10.74	30	Pass
HE20	MCS0	4	093	6415	Partial	97.36	8.71	106.07	0.17	-95.23	11.01	30	Pass
HE40	MCS0	4	003	5965	Partial	101.50	7.59	109.09	0.17	-95.23	14.03	30	Pass
HE40	MCS0	4	051	6205	Partial	100.90	7.83	108.73	0.17	-95.23	13.67	30	Pass
HE40	MCS0	4	091	6405	Partial	100.20	8.67	108.87	0.17	-95.23	13.81	30	Pass
HE80	MCS0	4	007	5985	Partial	104.60	7.46	112.06	0.19	-95.23	17.02	30	Pass
HE80	MCS0	4	055	6225	Partial	103.70	7.90	111.60	0.19	-95.23	16.56	30	Pass
HE80	MCS0	4	087	6385	Partial	102.90	8.56	111.46	0.19	-95.23	16.42	30	Pass
HE160	MCS0	4	015	6025	Partial	103.50	7.55	111.05	2.45	-95.23	18.27	30	Pass
HE160	MCS0	4	047	6185	Partial	103.00	7.80	110.80	2.45	-95.23	18.02	30	Pass
HE160	MCS0	4	079	6345	Partial	102.50	8.27	110.77	2.45	-95.23	17.99	30	Pass

TEST RESULTS DATA
EIRP Power

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	097	6435	Partial	97.68	8.27	105.95	0.17	-95.23	10.89	30	Pass
HE20	MCS0	4	105	6475	Partial	96.93	8.94	105.87	0.17	-95.23	10.81	30	Pass
HE20	MCS0	4	113	6515	Partial	96.47	9.15	105.62	0.17	-95.23	10.56	30	Pass
HE40	MCS0	4	099	6445	Partial	100.30	8.80	109.10	0.17	-95.23	14.04	30	Pass
HE40	MCS0	4	107	6485	Partial	99.74	8.99	108.73	0.17	-95.23	13.67	30	Pass
HE80	MCS0	4	103	6465	Partial	102.80	8.89	111.69	0.19	-95.23	16.65	30	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Partial	100.40	9.22	109.62	0.17	-95.23	14.56	30	Pass
HE80	MCS0	4	119	6545	Partial	102.80	9.34	112.14	0.19	-95.23	17.10	30	Pass
HE160	MCS0	4	111	6505	Partial	100.80	9.10	109.90	2.45	-95.23	17.12	30	Pass

TEST RESULTS DATA
EIRP Power

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	117	6535	Partial	96.73	9.29	106.02	0.17	-95.23	10.96	30	Pass
HE20	MCS0	4	149	6695	Partial	96.70	10.02	106.72	0.17	-95.23	11.66	30	Pass
HE20	MCS0	4	181	6855	Partial	97.19	9.78	106.97	0.17	-95.23	11.91	30	Pass
HE40	MCS0	4	123	6565	Partial	99.29	9.47	108.76	0.17	-95.23	13.70	30	Pass
HE40	MCS0	4	147	6685	Partial	98.78	9.99	108.77	0.17	-95.23	13.71	30	Pass
HE40	MCS0	4	179	6845	Partial	99.19	9.80	108.99	0.17	-95.23	13.93	30	Pass
HE80	MCS0	4	135	6625	Partial	101.60	9.80	111.40	0.19	-95.23	16.36	30	Pass
HE80	MCS0	4	151	6705	Partial	102.40	10.00	112.40	0.19	-95.23	17.36	30	Pass
HE80	MCS0	4	167	6785	Partial	103.20	9.86	113.06	0.19	-95.23	18.02	30	Pass
HE160	MCS0	4	143	6665	Partial	103.00	9.94	112.94	2.45	-95.23	20.16	30	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	185	6875	Partial	97.33	9.79	107.12	0.17	-95.23	12.06	30	Pass
HE40	MCS0	4	187	6885	Partial	99.11	9.80	108.91	0.17	-95.23	13.85	30	Pass
HE80	MCS0	4	183	6865	Partial	102.60	9.79	112.39	0.19	-95.23	17.35	30	Pass
HE160	MCS0	4	175	6825	Partial	103.10	9.82	112.92	2.45	-95.23	20.14	30	Pass

TEST RESULTS DATA
EIRP Power

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	189	6895	Partial	97.27	9.80	107.07	0.17	-95.23	12.01	30	Pass
HE20	MCS0	4	209	6995	Partial	97.07	9.94	107.01	0.17	-95.23	11.95	30	Pass
HE20	MCS0	4	229	7095	Partial	96.07	10.49	106.56	0.17	-95.23	11.50	30	Pass
HE40	MCS0	4	195	6925	Partial	98.87	9.86	108.73	0.17	-95.23	13.67	30	Pass
HE40	MCS0	4	211	7005	Partial	99.27	9.96	109.23	0.17	-95.23	14.17	30	Pass
HE40	MCS0	4	227	7085	Partial	99.83	10.42	110.25	0.17	-95.23	15.19	30	Pass
HE80	MCS0	4	199	6945	Partial	101.80	9.91	111.71	0.19	-95.23	16.67	30	Pass
HE80	MCS0	4	215	7025	Partial	101.30	10.06	111.36	0.19	-95.23	16.32	30	Pass
HE160	MCS0	4	207	6985	Partial	102.20	9.94	112.14	2.45	-95.23	19.36	30	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	001	5955	Partial	92.18	7.64	99.82	0.17	-95.23	4.77	5	Pass
HE20	MCS0	4	049	6195	Partial	91.61	7.81	99.42	0.17	-95.23	4.36	5	Pass
HE20	MCS0	4	093	6415	Partial	90.99	8.71	99.70	0.17	-95.23	4.65	5	Pass
HE40	MCS0	4	003	5965	Partial	92.36	7.59	99.95	0.17	-95.23	4.89	5	Pass
HE40	MCS0	4	051	6205	Partial	91.77	7.83	99.60	0.17	-95.23	4.54	5	Pass
HE40	MCS0	4	091	6405	Partial	90.76	8.67	99.43	0.17	-95.23	4.38	5	Pass
HE80	MCS0	4	007	5985	Partial	92.35	7.46	99.81	0.19	-95.23	4.76	5	Pass
HE80	MCS0	4	055	6225	Partial	91.67	7.90	99.57	0.19	-95.23	4.53	5	Pass
HE80	MCS0	4	087	6385	Partial	90.97	8.56	99.53	0.19	-95.23	4.49	5	Pass
HE160	MCS0	4	015	6025	Partial	89.99	7.55	97.54	2.45	-95.23	4.75	5	Pass
HE160	MCS0	4	047	6185	Partial	89.52	7.80	97.32	2.45	-95.23	4.53	5	Pass
HE160	MCS0	4	079	6345	Partial	89.30	8.27	97.57	2.45	-95.23	4.78	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	097	6435	Partial	91.51	8.27	99.78	0.17	-95.23	4.72	5	Pass
HE20	MCS0	4	105	6475	Partial	90.75	8.94	99.69	0.17	-95.23	4.63	5	Pass
HE20	MCS0	4	113	6515	Partial	90.86	9.15	100.01	0.17	-95.23	4.96	5	Pass
HE40	MCS0	4	099	6445	Partial	91.10	8.80	99.90	0.17	-95.23	4.84	5	Pass
HE40	MCS0	4	107	6485	Partial	90.52	8.99	99.51	0.17	-95.23	4.45	5	Pass
HE80	MCS0	4	103	6465	Partial	90.87	8.89	99.76	0.19	-95.23	4.71	5	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Partial	90.61	9.22	99.83	0.17	-95.23	4.77	5	Pass
HE80	MCS0	4	119	6545	Partial	90.54	9.34	99.88	0.19	-95.23	4.84	5	Pass
HE160	MCS0	4	111	6505	Partial	88.34	9.10	97.44	2.45	-95.23	4.65	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	117	6535	Partial	90.44	9.29	99.73	0.17	-95.23	4.68	5	Pass
HE20	MCS0	4	149	6695	Partial	89.71	10.02	99.73	0.17	-95.23	4.67	5	Pass
HE20	MCS0	4	181	6855	Partial	89.82	9.78	99.60	0.17	-95.23	4.54	5	Pass
HE40	MCS0	4	123	6565	Partial	90.15	9.47	99.62	0.17	-95.23	4.57	5	Pass
HE40	MCS0	4	147	6685	Partial	89.15	9.99	99.14	0.17	-95.23	4.08	5	Pass
HE40	MCS0	4	179	6845	Partial	89.26	9.80	99.06	0.17	-95.23	4.01	5	Pass
HE80	MCS0	4	135	6625	Partial	89.75	9.80	99.55	0.19	-95.23	4.50	5	Pass
HE80	MCS0	4	151	6705	Partial	89.58	10.00	99.58	0.19	-95.23	4.53	5	Pass
HE80	MCS0	4	167	6785	Partial	90.09	9.86	99.95	0.19	-95.23	4.91	5	Pass
HE160	MCS0	4	143	6665	Partial	87.50	9.94	97.44	2.45	-95.23	4.65	5	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	185	6875	Partial	90.14	9.79	99.93	0.17	-95.23	4.87	5	Pass
HE40	MCS0	4	187	6885	Partial	89.63	9.80	99.43	0.17	-95.23	4.37	5	Pass
HE80	MCS0	4	183	6865	Partial	89.55	9.79	99.34	0.19	-95.23	4.29	5	Pass
HE160	MCS0	4	175	6825	Partial	87.51	9.82	97.33	2.45	-95.23	4.55	5	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	189	6895	Partial	90.10	9.80	99.90	0.17	-95.23	4.84	5	Pass
HE20	MCS0	4	209	6995	Partial	90.03	9.94	99.97	0.17	-95.23	4.92	5	Pass
HE20	MCS0	4	229	7095	Partial	89.45	10.49	99.94	0.17	-95.23	4.88	5	Pass
HE40	MCS0	4	195	6925	Partial	89.22	9.86	99.08	0.17	-95.23	4.02	5	Pass
HE40	MCS0	4	211	7005	Partial	89.77	9.96	99.73	0.17	-95.23	4.67	5	Pass
HE40	MCS0	4	227	7085	Partial	89.46	10.42	99.88	0.17	-95.23	4.83	5	Pass
HE80	MCS0	4	199	6945	Partial	89.20	9.91	99.11	0.19	-95.23	4.07	5	Pass
HE80	MCS0	4	215	7025	Partial	89.43	10.06	99.49	0.19	-95.23	4.44	5	Pass
HE160	MCS0	4	207	6985	Partial	87.59	9.94	97.53	2.45	-95.23	4.75	5	Pass

Report Number : FR1O0638F

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2022/2/8~2022/2/16	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
				Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
11a	6Mbps	4	5955	16.63	16.68	16.63	16.63	20.55	20.60	20.90	20.50	320.00	Pass
11a	6Mbps	4	6195	16.63	16.68	16.63	16.63	20.65	20.85	20.75	20.55	320.00	Pass
11a	6Mbps	4	6415	16.68	16.63	16.63	16.58	20.95	20.75	20.65	20.45	320.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
				Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
11a	6Mbps	4	6435	16.68	16.63	16.63	16.58	21.10	21.00	20.70	20.65	320.00	Pass
11a	6Mbps	4	6475	16.68	16.63	16.63	16.58	20.85	20.90	20.85	20.65	320.00	Pass
11a	6Mbps	4	6515	16.68	16.63	16.63	16.58	21.00	20.65	21.00	20.55	320.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
				Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
11a	6Mbps	4	6535	16.68	16.58	16.63	16.58	20.90	20.45	20.65	20.65	320.00	Pass
11a	6Mbps	4	6695	16.58	16.63	16.63	16.63	20.55	20.80	20.65	20.60	320.00	Pass
11a	6Mbps	4	6855	16.68	16.63	16.63	16.63	20.35	20.65	20.60	20.55	320.00	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
				Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
11a	6Mbps	4	6875	16.63	16.63	16.63	16.63	20.50	20.65	20.75	20.50	320.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
				Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
11a	6Mbps	4	6895	16.63	16.63	16.63	16.58	20.30	20.75	20.65	20.60	320.00	Pass
11a	6Mbps	4	6995	16.63	16.63	16.58	16.63	20.55	20.65	20.30	20.55	320.00	Pass
11a	6Mbps	4	7095	16.68	16.63	16.63	16.63	20.65	20.65	20.70	20.60	320.00	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)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	5955	Full	19.23	19.13	19.13	19.13	22.15	22.50	22.55	22.40	320.00	Pass
HE20	MCS0	4	5955	Partial tone	19.13	18.98	19.03	18.98	22.80	22.25	22.40	22.40	320.00	Pass
HE20	MCS0	4	6195	Full	19.08	19.08	19.08	19.08	22.05	22.35	22.35	22.10	320.00	Pass
HE20	MCS0	4	6195	Partial tone	18.98	18.93	18.98	19.03	22.60	22.55	22.65	24.35	320.00	Pass
HE20	MCS0	4	6415	Full	19.08	19.13	19.13	19.08	22.00	22.50	22.80	22.25	320.00	Pass
HE20	MCS0	4	6415	Partial tone	18.98	19.03	18.98	19.03	21.95	22.75	22.65	22.60	320.00	Pass
HE40	MCS0	4	5965	Full	37.76	37.76	37.66	37.76	40.32	40.32	40.14	40.32	320.00	Pass
HE40	MCS0	4	5965	Partial tone	38.26	38.16	38.16	38.16	42.93	41.67	42.21	42.57	320.00	Pass
HE40	MCS0	4	6205	Full	37.76	37.76	37.76	37.76	40.23	40.32	40.23	40.32	320.00	Pass
HE40	MCS0	4	6205	Partial tone	38.36	38.26	38.26	38.26	43.38	42.30	42.75	42.39	320.00	Pass
HE40	MCS0	4	6405	Full	37.76	37.86	37.76	37.76	40.23	40.23	40.32	40.23	320.00	Pass
HE40	MCS0	4	6405	Partial tone	38.26	38.26	38.26	38.26	43.02	43.65	42.84	42.39	320.00	Pass
HE80	MCS0	4	5985	Full	77.08	76.96	77.08	76.96	82.72	82.72	82.40	82.24	320.00	Pass
HE80	MCS0	4	5985	Partial tone	77.80	77.68	77.56	77.68	91.20	89.92	90.08	88.64	320.00	Pass
HE80	MCS0	4	6225	Full	77.08	77.20	77.32	77.08	82.56	83.20	82.24	82.56	320.00	Pass
HE80	MCS0	4	6225	Partial tone	77.92	77.68	77.80	77.68	90.72	87.68	88.64	87.68	320.00	Pass
HE80	MCS0	4	6385	Full	77.08	77.08	77.08	77.20	82.40	82.88	82.88	83.04	320.00	Pass
HE80	MCS0	4	6385	Partial tone	77.80	77.68	77.68	77.80	90.40	87.68	91.68	90.24	320.00	Pass
HE160	MCS0	4	6025	Full	157.28	157.52	157.52	157.52	241.45	243.07	239.21	242.41	320.00	Pass
HE160	MCS0	4	6025	Partial tone	158.00	157.76	157.76	157.52	242.23	239.53	228.93	228.61	320.00	Pass
HE160	MCS0	4	6185	Full	158.00	157.52	158.24	158.48	253.65	241.79	251.07	242.75	320.00	Pass
HE160	MCS0	4	6185	Partial tone	158.24	157.76	158.24	157.52	173.12	171.52	171.52	171.20	320.00	Pass
HE160	MCS0	4	6345	Full	158.00	158.48	158.00	158.24	257.83	254.66	247.55	259.40	320.00	Pass
HE160	MCS0	4	6345	Partial tone	158.00	158.00	157.76	158.24	241.13	192.33	191.05	240.81	320.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6435	Full	19.13	19.13	19.18	19.13	22.45	22.50	22.45	22.40	320.00	Pass
HE20	MCS0	4	6435	Partial tone	18.98	19.03	18.98	19.03	22.70	22.40	22.65	22.95	320.00	Pass
HE20	MCS0	4	6475	Full	19.13	19.13	19.13	19.18	22.15	22.60	22.60	22.50	320.00	Pass
HE20	MCS0	4	6475	Partial tone	18.98	19.03	19.03	19.03	22.85	22.75	22.60	22.60	320.00	Pass
HE20	MCS0	4	6515	Full	19.13	19.18	19.13	19.13	22.50	22.55	22.40	22.30	320.00	Pass
HE20	MCS0	4	6515	Partial tone	18.98	19.03	18.98	19.03	22.40	22.55	22.80	22.35	320.00	Pass
HE40	MCS0	4	6445	Full	37.86	37.86	37.76	37.76	40.50	40.32	40.50	40.32	320.00	Pass
HE40	MCS0	4	6445	Partial tone	38.36	38.36	38.26	38.26	43.56	42.84	42.66	43.02	320.00	Pass
HE40	MCS0	4	6485	Full	37.66	37.86	37.76	37.76	40.32	40.50	40.32	40.23	320.00	Pass
HE40	MCS0	4	6485	Partial tone	38.16	38.26	38.26	38.16	42.93	42.48	42.48	43.02	320.00	Pass
HE80	MCS0	4	6465	Full	76.96	77.20	77.20	77.20	82.08	83.04	82.56	83.04	320.00	Pass
HE80	MCS0	4	6465	Partial tone	77.80	77.68	77.68	77.68	91.04	90.72	90.40	89.28	320.00	Pass

Band VI straddle channel MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE40	MCS0	4	6525	Full	37.96	37.86	37.76	37.86	40.41	40.23	40.50	40.14	320.00	Pass
HE40	MCS0	4	6525	Partial tone	38.36	38.26	38.26	38.26	43.29	42.21	43.20	43.56	320.00	Pass
HE80	MCS0	4	6545	Full	77.08	77.08	77.08	77.08	82.56	82.72	82.88	82.88	320.00	Pass
HE80	MCS0	4	6545	Partial tone	77.80	77.68	77.80	77.68	90.72	89.44	96.48	88.64	320.00	Pass
HE160	MCS0	4	6505	Full	158.00	158.00	158.96	158.96	289.29	293.81	317.13	300.61	320.00	Pass
HE160	MCS0	4	6505	Partial tone	158.00	157.76	158.24	158.00	219.34	244.80	229.97	211.65	320.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6535	Full	19.08	19.13	19.08	19.13	22.35	22.65	22.45	22.25	320.00	Pass
HE20	MCS0	4	6535	Partial tone	19.03	19.03	18.98	18.98	22.75	22.55	22.75	24.20	320.00	Pass
HE20	MCS0	4	6695	Full	19.13	19.13	19.03	19.18	22.15	22.55	22.40	22.50	320.00	Pass
HE20	MCS0	4	6695	Partial tone	19.03	19.03	18.98	19.03	22.95	22.30	22.95	22.15	320.00	Pass
HE20	MCS0	4	6855	Full	19.08	19.08	19.08	19.13	21.85	22.45	22.45	22.05	320.00	Pass
HE20	MCS0	4	6855	Partial tone	18.98	18.93	18.93	18.93	23.10	22.65	22.35	22.50	320.00	Pass
HE40	MCS0	4	6565	Full	37.76	37.96	37.86	37.76	40.32	40.23	40.68	40.41	320.00	Pass
HE40	MCS0	4	6565	Partial tone	38.26	38.26	38.46	38.26	43.20	42.66	42.93	42.84	320.00	Pass
HE40	MCS0	4	6685	Full	37.86	37.86	37.86	37.86	40.68	40.14	40.50	40.32	320.00	Pass
HE40	MCS0	4	6685	Partial tone	38.26	38.36	38.26	38.16	43.47	43.20	42.57	42.03	320.00	Pass
HE40	MCS0	4	6845	Full	37.76	37.76	37.86	37.76	40.23	40.23	40.41	40.23	320.00	Pass
HE40	MCS0	4	6845	Partial tone	38.26	38.16	38.26	38.26	43.65	41.58	42.21	42.39	320.00	Pass
HE80	MCS0	4	6625	Full	77.20	77.08	77.20	77.08	82.24	82.40	82.24	82.40	320.00	Pass
HE80	MCS0	4	6625	Partial tone	77.68	77.80	77.80	77.68	90.72	88.64	94.88	88.48	320.00	Pass
HE80	MCS0	4	6705	Full	76.96	76.96	77.08	77.08	82.56	82.72	81.76	82.24	320.00	Pass
HE80	MCS0	4	6705	Partial tone	77.68	77.68	77.92	77.68	90.24	87.52	96.00	87.36	320.00	Pass
HE80	MCS0	4	6785	Full	77.08	77.08	77.08	77.20	82.40	81.76	82.56	82.40	320.00	Pass
HE80	MCS0	4	6785	Partial tone	77.80	77.68	77.80	77.68	90.72	88.00	94.24	88.16	320.00	Pass
HE160	MCS0	4	6665	Full	158.24	158.72	160.88	158.72	262.73	298.37	255.93	256.57	320.00	Pass
HE160	MCS0	4	6665	Partial tone	158.24	158.72	159.92	158.24	246.46	307.41	306.09	263.69	320.00	Pass

Band VII straddle channel MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6875	Full	19.03	19.13	19.13	19.13	22.30	22.55	22.10	22.15	320.00	Pass
HE20	MCS0	4	6875	Partial tone	18.98	18.98	18.88	18.98	22.70	22.20	22.70	22.20	320.00	Pass
HE40	MCS0	4	6885	Full	37.86	37.96	37.86	37.86	40.14	40.50	40.32	40.14	320.00	Pass
HE40	MCS0	4	6885	Partial tone	38.26	38.26	38.26	38.26	43.47	42.66	42.48	42.66	320.00	Pass
HE80	MCS0	4	6865	Full	77.08	77.08	77.08	77.20	82.56	82.40	82.72	82.56	320.00	Pass
HE80	MCS0	4	6865	Partial tone	77.80	77.68	77.92	77.68	90.08	87.04	94.24	88.16	320.00	Pass
HE160	MCS0	4	6825	Full	157.76	158.24	159.44	158.48	258.49	258.49	317.34	259.49	320.00	Pass
HE160	MCS0	4	6825	Partial tone	158.24	158.24	158.72	158.00	229.65	264.65	298.01	244.57	320.00	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)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6895	Full	19.08	19.13	19.08	19.08	22.20	22.45	22.30	22.05	320.00	Pass
HE20	MCS0	4	6895	Partial tone	18.93	18.93	18.98	18.98	22.45	22.60	22.60	22.30	320.00	Pass
HE20	MCS0	4	6995	Full	19.13	19.08	19.08	19.13	21.85	22.25	22.25	22.25	320.00	Pass
HE20	MCS0	4	6995	Partial tone	18.88	18.88	18.88	18.98	22.35	22.45	22.30	22.50	320.00	Pass
HE20	MCS0	4	7095	Full	19.08	19.08	19.13	19.13	22.25	22.25	22.65	22.35	320.00	Pass
HE20	MCS0	4	7095	Partial tone	18.98	18.98	18.88	18.93	22.85	22.50	22.60	22.30	320.00	Pass
HE40	MCS0	4	6925	Full	37.76	37.86	37.76	37.76	40.23	40.14	40.14	40.32	320.00	Pass
HE40	MCS0	4	6925	Partial tone	38.26	38.26	38.36	38.16	43.11	42.66	42.75	42.30	320.00	Pass
HE40	MCS0	4	7005	Full	37.76	37.76	37.76	37.76	40.32	40.05	40.14	40.14	320.00	Pass
HE40	MCS0	4	7005	Partial tone	38.06	38.16	38.16	38.06	42.57	42.21	41.76	42.30	320.00	Pass
HE40	MCS0	4	7085	Full	37.86	37.76	37.76	37.76	40.50	40.41	40.50	40.32	320.00	Pass
HE40	MCS0	4	7085	Partial tone	38.26	38.16	38.16	38.16	44.10	42.57	42.48	43.02	320.00	Pass
HE80	MCS0	4	6945	Full	77.20	76.96	77.08	77.08	81.60	82.72	82.72	82.88	320.00	Pass
HE80	MCS0	4	6945	Partial tone	77.68	77.68	77.68	77.68	88.96	89.92	90.56	87.52	320.00	Pass
HE80	MCS0	4	7025	Full	77.08	77.08	77.08	77.08	82.40	82.40	81.92	82.72	320.00	Pass
HE80	MCS0	4	7025	Partial tone	77.68	77.68	77.68	77.56	88.16	90.72	86.24	86.08	320.00	Pass
HE160	MCS0	4	6985	Full	157.28	157.28	157.04	157.04	280.53	280.85	294.45	253.33	320.00	Pass
HE160	MCS0	4	6985	Partial tone	157.76	157.76	157.52	158.00	284.77	286.06	239.69	239.86	320.00	Pass

<TXBF Mode>

Test Engineer:	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature:	21.4~23.2	°C
Test Date:	2022/01/29 ~ 2021/02/26	Relative Humidity:	47.0~55.0	%

TEST RESULTS DATA
EIRP Power

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	001	5955	Full	102.600	7.640	110.240	0.322	-95.230	15.332	30.00	Pass
HE20	MCS0	4	049	6195	Full	102.100	7.810	109.910	0.322	-95.230	15.002	30.00	Pass
HE20	MCS0	4	093	6415	Full	100.900	8.710	109.610	0.322	-95.230	14.702	30.00	Pass
HE40	MCS0	4	003	5965	Full	102.500	7.590	110.090	0.334	-95.230	15.194	30.00	Pass
HE40	MCS0	4	051	6205	Full	103.900	7.830	111.730	0.334	-95.230	16.834	30.00	Pass
HE40	MCS0	4	091	6405	Full	104.300	8.670	112.970	0.334	-95.230	18.074	30.00	Pass
HE80	MCS0	4	007	5985	Full	108.200	7.460	115.660	0.280	-95.230	20.710	30.00	Pass
HE80	MCS0	4	055	6225	Full	108.600	7.900	116.500	0.280	-95.230	21.550	30.00	Pass
HE80	MCS0	4	087	6385	Full	107.800	8.560	116.360	0.280	-95.230	21.410	30.00	Pass
HE160	MCS0	4	015	6025	Full	110.500	7.550	118.050	1.163	-95.230	23.983	30.00	Pass
HE160	MCS0	4	047	6185	Full	110.100	7.800	117.900	1.163	-95.230	23.833	30.00	Pass
HE160	MCS0	4	079	6345	Full	110.000	8.270	118.270	1.163	-95.230	24.203	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	097	6435	Full	102.400	8.270	110.670	0.322	-95.230	15.762	30.00	Pass
HE20	MCS0	4	105	6475	Full	101.200	8.940	110.140	0.322	-95.230	15.232	30.00	Pass
HE20	MCS0	4	113	6515	Full	100.700	9.150	109.850	0.322	-95.230	14.942	30.00	Pass
HE40	MCS0	4	099	6445	Full	103.900	8.800	112.700	0.334	-95.230	17.804	30.00	Pass
HE40	MCS0	4	107	6485	Full	104.000	8.990	112.990	0.334	-95.230	18.094	30.00	Pass
HE80	MCS0	4	103	6465	Full	107.800	8.890	116.690	0.280	-95.230	21.740	30.00	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Full	104.400	9.220	113.620	0.334	-95.230	18.724	30.00	Pass
HE80	MCS0	4	119	6545	Full	106.900	9.340	116.240	0.280	-95.230	21.290	30.00	Pass
HE160	MCS0	4	111	6505	Full	107.000	9.100	116.100	1.163	-95.230	22.033	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	117	6535	Full	100.700	9.290	109.990	0.322	-95.230	15.082	30.00	Pass
HE20	MCS0	4	149	6695	Full	99.890	10.020	109.910	0.322	-95.230	15.002	30.00	Pass
HE20	MCS0	4	181	6855	Full	100.400	9.780	110.180	0.322	-95.230	15.272	30.00	Pass
HE40	MCS0	4	123	6565	Full	103.500	9.470	112.970	0.334	-95.230	18.074	30.00	Pass
HE40	MCS0	4	147	6685	Full	103.000	9.990	112.990	0.334	-95.230	18.094	30.00	Pass
HE40	MCS0	4	179	6845	Full	103.300	9.800	113.100	0.334	-95.230	18.204	30.00	Pass
HE80	MCS0	4	135	6625	Full	106.700	9.800	116.500	0.280	-95.230	21.550	30.00	Pass
HE80	MCS0	4	151	6705	Full	106.900	10.000	116.900	0.280	-95.230	21.950	30.00	Pass
HE80	MCS0	4	167	6785	Full	106.000	9.860	115.860	0.280	-95.230	20.910	30.00	Pass
HE160	MCS0	4	143	6665	Full	106.200	9.940	116.140	1.163	-95.230	22.073	30.00	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	185	6875	Full	100.500	9.790	110.290	0.322	-95.230	15.382	30.00	Pass
HE40	MCS0	4	187	6885	Full	103.500	9.800	113.300	0.334	-95.230	18.404	30.00	Pass
HE80	MCS0	4	183	6865	Full	106.900	9.790	116.690	0.280	-95.230	21.740	30.00	Pass
HE160	MCS0	4	175	6825	Full	108.000	9.820	117.820	1.163	-95.230	23.753	30.00	Pass

TEST RESULTS DATA
EIRP Power

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
HE20	MCS0	4	189	6895	Full	100.600	9.800	110.400	0.322	-95.230	15.492	30.00	Pass
HE20	MCS0	4	209	6995	Full	100.000	9.940	109.940	0.322	-95.230	15.032	30.00	Pass
HE20	MCS0	4	229	7095	Full	99.400	10.490	109.890	0.322	-95.230	14.982	30.00	Pass
HE40	MCS0	4	195	6925	Full	103.600	9.860	113.460	0.334	-95.230	18.564	30.00	Pass
HE40	MCS0	4	211	7005	Full	103.300	9.960	113.260	0.334	-95.230	18.364	30.00	Pass
HE40	MCS0	4	227	7085	Full	102.700	10.420	113.120	0.334	-95.230	18.224	30.00	Pass
HE80	MCS0	4	199	6945	Full	106.400	9.910	116.310	0.280	-95.230	21.360	30.00	Pass
HE80	MCS0	4	215	7025	Full	106.200	10.060	116.260	0.280	-95.230	21.310	30.00	Pass
HE160	MCS0	4	207	6985	Full	102.300	9.940	112.240	1.163	-95.230	18.173	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Field Strength (dBuV/m)	Path Loss (dB)	Level Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	001	5955	Full	91.775	7.640	99.415	0.322	-95.230	4.507	5.00	Pass
HE20	MCS0	4	049	6195	Full	91.191	7.810	99.001	0.322	-95.230	4.093	5.00	Pass
HE20	MCS0	4	093	6415	Full	90.306	8.710	99.016	0.322	-95.230	4.108	5.00	Pass
HE40	MCS0	4	003	5965	Full	92.057	7.590	99.647	0.334	-95.230	4.751	5.00	Pass
HE40	MCS0	4	051	6205	Full	91.893	7.830	99.723	0.334	-95.230	4.827	5.00	Pass
HE40	MCS0	4	091	6405	Full	90.685	8.670	99.355	0.334	-95.230	4.459	5.00	Pass
HE80	MCS0	4	007	5985	Full	91.150	7.460	98.610	0.280	-95.230	3.660	5.00	Pass
HE80	MCS0	4	055	6225	Full	91.496	7.900	99.396	0.280	-95.230	4.446	5.00	Pass
HE80	MCS0	4	087	6385	Full	90.938	8.560	99.498	0.280	-95.230	4.548	5.00	Pass
HE160	MCS0	4	015	6025	Full	91.497	7.550	99.047	1.163	-95.230	4.980	5.00	Pass
HE160	MCS0	4	047	6185	Full	91.106	7.800	98.906	1.163	-95.230	4.839	5.00	Pass
HE160	MCS0	4	079	6345	Full	90.395	8.270	98.665	1.163	-95.230	4.598	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	097	6435	Full	91.475	8.270	99.745	0.322	-95.230	4.837	5.00	Pass
HE20	MCS0	4	105	6475	Full	90.153	8.940	99.093	0.322	-95.230	4.185	5.00	Pass
HE20	MCS0	4	113	6515	Full	90.141	9.150	99.291	0.322	-95.230	4.383	5.00	Pass
HE40	MCS0	4	099	6445	Full	90.498	8.800	99.298	0.334	-95.230	4.402	5.00	Pass
HE40	MCS0	4	107	6485	Full	90.327	8.990	99.317	0.334	-95.230	4.421	5.00	Pass
HE80	MCS0	4	103	6465	Full	91.037	8.890	99.927	0.280	-95.230	4.977	5.00	Pass

Band VI straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE40	MCS0	4	115	6525	Full	90.312	9.220	99.532	0.334	-95.230	4.636	5.00	Pass
HE80	MCS0	4	119	6545	Full	89.911	9.340	99.251	0.280	-95.230	4.301	5.00	Pass
HE160	MCS0	4	111	6505	Full	87.691	9.100	96.791	1.163	-95.230	2.724	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VII MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	117	6535	Full	90.124	9.290	99.414	0.322	-95.230	4.506	5.00	Pass
HE20	MCS0	4	149	6695	Full	88.990	10.020	99.010	0.322	-95.230	4.102	5.00	Pass
HE20	MCS0	4	181	6855	Full	89.536	9.780	99.316	0.322	-95.230	4.408	5.00	Pass
HE40	MCS0	4	123	6565	Full	89.885	9.470	99.355	0.334	-95.230	4.459	5.00	Pass
HE40	MCS0	4	147	6685	Full	89.454	9.990	99.444	0.334	-95.230	4.548	5.00	Pass
HE40	MCS0	4	179	6845	Full	89.502	9.800	99.302	0.334	-95.230	4.406	5.00	Pass
HE80	MCS0	4	135	6625	Full	89.914	9.800	99.714	0.280	-95.230	4.764	5.00	Pass
HE80	MCS0	4	151	6705	Full	89.777	10.000	99.777	0.280	-95.230	4.827	5.00	Pass
HE80	MCS0	4	167	6785	Full	89.706	9.860	99.566	0.280	-95.230	4.616	5.00	Pass
HE160	MCS0	4	143	6665	Full	88.102	9.940	98.042	1.163	-95.230	3.975	5.00	Pass

Band VII straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	185	6875	Full	89.568	9.790	99.358	0.322	-95.230	4.450	5.00	Pass
HE40	MCS0	4	187	6885	Full	89.739	9.800	99.539	0.334	-95.230	4.643	5.00	Pass
HE80	MCS0	4	183	6865	Full	90.019	9.790	99.809	0.280	-95.230	4.859	5.00	Pass
HE160	MCS0	4	175	6825	Full	88.406	9.820	98.226	1.163	-95.230	4.159	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VIII													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Tone	Reading Level (dBuV/m)	Path Loss (dB)	Field Strength (dBuV/m)	Duty Factor (dB)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm)	Pass /Fail
HE20	MCS0	4	189	6895	Full	89.569	9.800	99.369	0.322	-95.230	4.461	5.00	Pass
HE20	MCS0	4	209	6995	Full	89.489	9.940	99.429	0.322	-95.230	4.521	5.00	Pass
HE20	MCS0	4	229	7095	Full	88.695	10.490	99.185	0.322	-95.230	4.277	5.00	Pass
HE40	MCS0	4	195	6925	Full	89.697	9.860	99.557	0.334	-95.230	4.661	5.00	Pass
HE40	MCS0	4	211	7005	Full	89.327	9.960	99.287	0.334	-95.230	4.391	5.00	Pass
HE40	MCS0	4	227	7085	Full	88.924	10.420	99.344	0.334	-95.230	4.448	5.00	Pass
HE80	MCS0	4	199	6945	Full	89.826	9.910	99.736	0.280	-95.230	4.786	5.00	Pass
HE80	MCS0	4	215	7025	Full	89.390	10.060	99.450	0.280	-95.230	4.500	5.00	Pass
HE160	MCS0	4	207	6985	Full	83.094	9.940	93.034	1.163	-95.230	-1.033	5.00	Pass

Report Number : FR1O0638F

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2021/12/1~2022/2/15	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	5955	Full	17.88	17.83	17.88	17.78	21.95	22.00	21.95	21.90	320.00	Pass
HE20	MCS0	4	6195	Full	17.88	17.88	17.88	17.78	21.90	22.00	22.15	21.45	320.00	Pass
HE20	MCS0	4	6415	Full	17.88	17.88	17.88	17.78	22.00	21.85	22.20	22.10	320.00	Pass
HE40	MCS0	4	5965	Full	36.66	37.06	36.46	36.56	51.96	64.19	39.72	56.15	320.00	Pass
HE40	MCS0	4	6205	Full	36.66	37.66	36.46	36.56	62.45	73.00	68.84	59.91	320.00	Pass
HE40	MCS0	4	6405	Full	36.76	36.56	37.06	37.06	49.86	64.99	66.74	71.98	320.00	Pass
HE80	MCS0	4	5985	Full	75.88	76.00	76.00	76.12	91.68	115.52	82.56	89.44	320.00	Pass
HE80	MCS0	4	6225	Full	75.76	76.12	75.88	76.00	81.44	81.92	80.80	81.28	320.00	Pass
HE80	MCS0	4	6385	Full	75.88	75.76	75.88	76.12	81.76	81.44	83.52	80.16	320.00	Pass
HE160	MCS0	4	6025	Full	155.60	155.84	155.84	156.56	209.92	168.64	163.52	164.80	320.00	Pass
HE160	MCS0	4	6185	Full	155.60	156.32	155.13	155.84	194.24	194.56	162.56	162.88	320.00	Pass
HE160	MCS0	4	6345	Full	155.37	155.37	155.84	156.08	162.88	165.12	175.04	175.36	320.00	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)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6435	Full	17.88	17.88	17.88	17.78	21.70	22.10	21.70	21.90	320.00	Pass
HE20	MCS0	4	6475	Full	17.88	17.83	17.88	17.78	22.10	21.95	22.05	21.75	320.00	Pass
HE20	MCS0	4	6515	Full	17.88	17.88	17.78	17.78	22.05	22.00	21.65	21.75	320.00	Pass
HE40	MCS0	4	6445	Full	36.86	36.46	37.86	38.26	68.14	58.25	75.13	69.62	320.00	Pass
HE40	MCS0	4	6485	Full	37.06	36.66	36.86	38.56	67.27	68.16	76.27	75.73	320.00	Pass
HE80	MCS0	4	6465	Full	75.88	75.88	76.24	76.12	92.00	89.12	118.24	113.39	320.00	Pass

Band VI straddle channel MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE40	MCS0	4	6525	Full	36.76	36.66	37.86	36.86	58.58	61.12	77.08	66.97	320.00	Pass
HE80	MCS0	4	6545	Full	76.00	76.12	76.24	76.12	117.60	84.64	135.75	110.08	320.00	Pass
HE160	MCS0	4	6505	Full	156.08	156.08	156.08	156.08	177.92	174.40	195.20	195.20	320.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6535	Full	17.88	17.88	17.88	17.78	21.65	22.15	21.85	22.20	320.00	Pass
HE20	MCS0	4	6695	Full	17.88	17.88	17.88	17.78	21.90	21.80	21.65	21.65	320.00	Pass
HE20	MCS0	4	6855	Full	17.88	17.88	17.88	17.78	21.40	21.90	21.40	21.50	320.00	Pass
HE40	MCS0	4	6565	Full	36.86	37.26	36.76	36.66	67.43	70.65	67.75	49.08	320.00	Pass
HE40	MCS0	4	6685	Full	37.16	37.56	37.46	36.86	67.18	72.56	73.41	62.95	320.00	Pass
HE40	MCS0	4	6845	Full	36.66	36.56	36.86	36.56	53.01	69.95	54.48	57.03	320.00	Pass
HE80	MCS0	4	6625	Full	75.76	76.12	75.88	75.88	100.96	107.84	122.40	81.12	320.00	Pass
HE80	MCS0	4	6705	Full	75.76	76.12	76.12	76.00	102.24	112.64	104.48	92.32	320.00	Pass
HE80	MCS0	4	6785	Full	75.88	76.24	76.00	75.88	84.48	122.51	94.88	89.44	320.00	Pass
HE160	MCS0	4	6665	Full	155.13	155.84	155.37	155.37	162.24	166.72	163.52	162.24	320.00	Pass

Band VII straddle channel MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6875	Full	17.83	17.83	17.83	17.78	21.80	21.75	21.75	21.60	320.00	Pass
HE40	MCS0	4	6885	Full	36.66	36.56	37.16	36.66	56.84	58.22	56.03	41.80	320.00	Pass
HE80	MCS0	4	6865	Full	75.88	75.88	75.88	75.88	80.80	82.88	81.60	81.12	320.00	Pass
HE160	MCS0	4	6825	Full	155.37	155.60	155.60	155.84	166.72	174.72	176.00	167.04	320.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 5	Ant 6	Ant 7	Ant 8	Ant 5	Ant 6	Ant 7	Ant 8		
HE20	MCS0	4	6895	Full	17.88	17.88	17.88	17.78	21.70	21.70	21.70	21.80	320.00	Pass
HE20	MCS0	4	6995	Full	17.88	17.88	17.93	17.83	21.45	21.65	21.30	21.40	320.00	Pass
HE20	MCS0	4	7095	Full	17.88	17.88	17.88	17.83	21.70	21.90	22.15	21.65	320.00	Pass
HE40	MCS0	4	6925	Full	36.66	37.26	36.66	36.86	63.29	74.68	48.62	69.86	320.00	Pass
HE40	MCS0	4	7005	Full	36.96	37.36	36.96	37.06	68.08	71.66	64.43	68.85	320.00	Pass
HE40	MCS0	4	7085	Full	36.16	36.06	36.26	35.96	39.15	39.60	38.61	39.15	320.00	Pass
HE80	MCS0	4	6945	Full	75.76	75.88	76.24	76.00	110.90	91.51	82.42	115.38	320.00	Pass
HE80	MCS0	4	7025	Full	75.76	75.88	75.88	75.88	80.81	99.91	94.88	110.96	320.00	Pass
HE160	MCS0	4	6985	Full	152.73	153.21	155.60	152.73	161.60	161.28	161.60	164.48	320.00	Pass



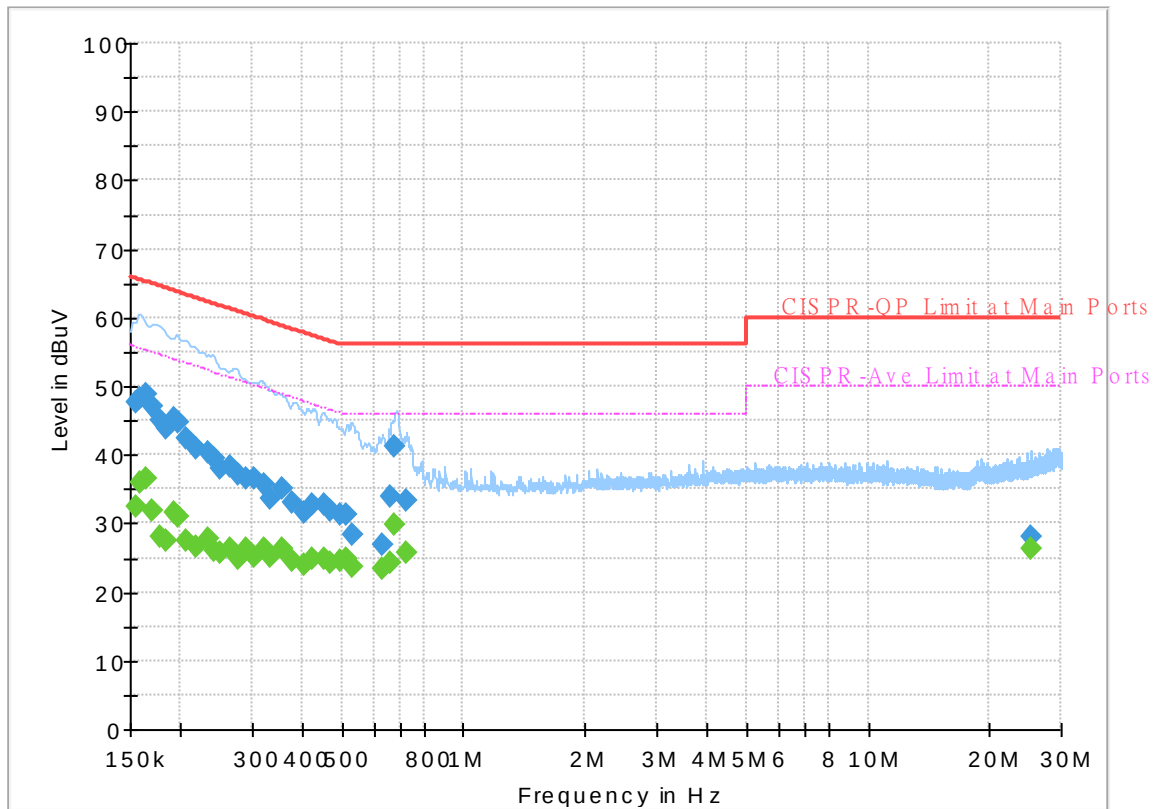
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 100638
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

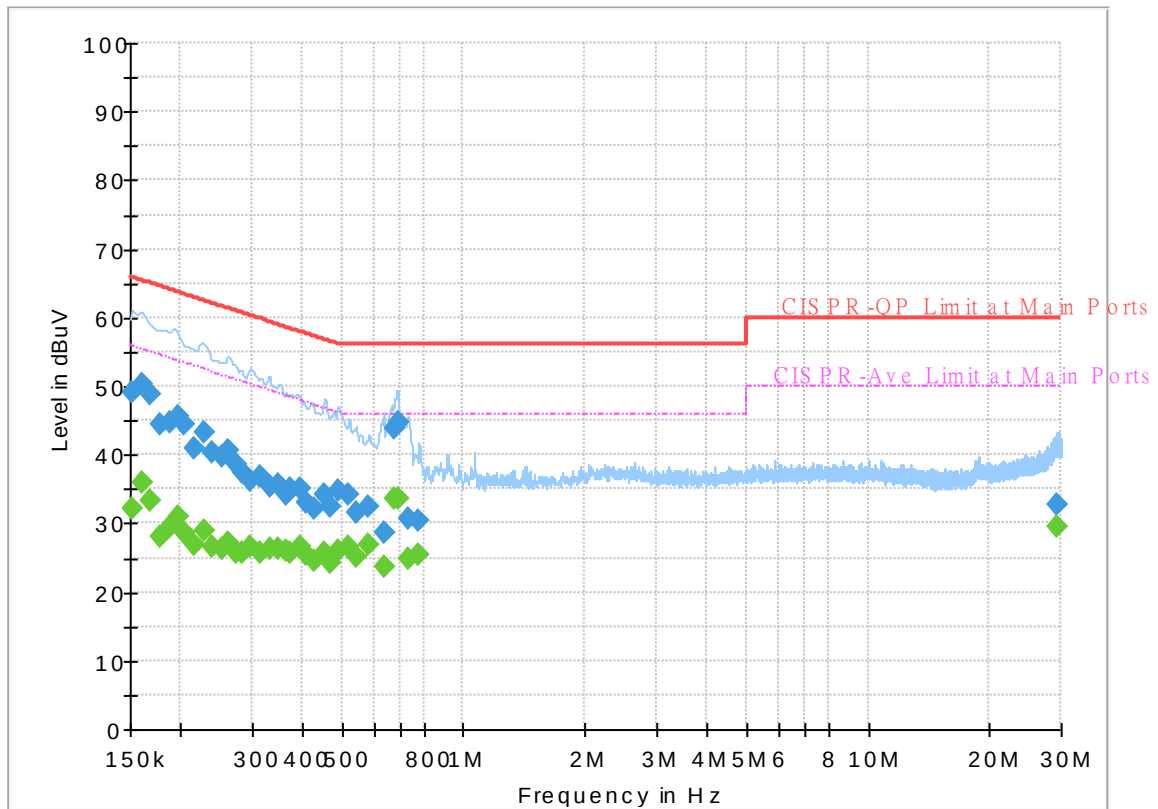
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	32.41	55.75	23.34	L1	OFF	19.6
0.154500	47.70	---	65.75	18.05	L1	OFF	19.6
0.159000	---	35.89	55.52	19.63	L1	OFF	19.6
0.159000	48.32	---	65.52	17.20	L1	OFF	19.6
0.163500	---	36.68	55.28	18.60	L1	OFF	19.6
0.163500	48.80	---	65.28	16.48	L1	OFF	19.6
0.170250	---	32.00	54.95	22.95	L1	OFF	19.6
0.170250	46.95	---	64.95	18.00	L1	OFF	19.6
0.177000	---	28.04	54.63	26.59	L1	OFF	19.6
0.177000	44.96	---	64.63	19.67	L1	OFF	19.6
0.183750	---	27.46	54.31	26.85	L1	OFF	19.6
0.183750	43.72	---	64.31	20.59	L1	OFF	19.6
0.192750	---	31.47	53.92	22.45	L1	OFF	19.6
0.192750	45.37	---	63.92	18.55	L1	OFF	19.6
0.197250	---	31.09	53.73	22.64	L1	OFF	19.6
0.197250	44.77	---	63.73	18.96	L1	OFF	19.6
0.206250	---	27.41	53.36	25.95	L1	OFF	19.6
0.206250	42.34	---	63.36	21.02	L1	OFF	19.6
0.217500	---	26.52	52.91	26.39	L1	OFF	19.6
0.217500	41.03	---	62.91	21.88	L1	OFF	19.6
0.233250	---	27.74	52.33	24.59	L1	OFF	19.6

0.233250	40.33	---	62.33	22.00	L1	OFF	19.6
0.242250	---	25.95	52.02	26.07	L1	OFF	19.6
0.242250	39.38	---	62.02	22.64	L1	OFF	19.6
0.251250	---	25.61	51.72	26.11	L1	OFF	19.6
0.251250	37.88	---	61.72	23.84	L1	OFF	19.6
0.264750	---	26.36	51.28	24.92	L1	OFF	19.6
0.264750	38.42	---	61.28	22.86	L1	OFF	19.6
0.278250	---	24.94	50.87	25.93	L1	OFF	19.6
0.278250	37.10	---	60.87	23.77	L1	OFF	19.6
0.289500	---	26.25	50.54	24.29	L1	OFF	19.6
0.289500	36.64	---	60.54	23.90	L1	OFF	19.6
0.305250	---	25.29	50.10	24.81	L1	OFF	19.6
0.305250	36.62	---	60.10	23.48	L1	OFF	19.6
0.321000	---	26.21	49.68	23.47	L1	OFF	19.6
0.321000	35.64	---	59.68	24.04	L1	OFF	19.6
0.334500	---	25.16	49.34	24.18	L1	OFF	19.6
0.334500	33.57	---	59.34	25.77	L1	OFF	19.6
0.354750	---	26.34	48.85	22.51	L1	OFF	19.6
0.354750	35.03	---	58.85	23.82	L1	OFF	19.6
0.377250	---	24.59	48.34	23.75	L1	OFF	19.6
0.377250	33.04	---	58.34	25.30	L1	OFF	19.6
0.404250	---	24.06	47.77	23.71	L1	OFF	19.6
0.404250	31.51	---	57.77	26.26	L1	OFF	19.6
0.424500	---	24.93	47.36	22.43	L1	OFF	19.7
0.424500	32.72	---	57.36	24.64	L1	OFF	19.7
0.453750	---	24.85	46.81	21.96	L1	OFF	19.7
0.453750	32.75	---	56.81	24.06	L1	OFF	19.7
0.469500	---	24.18	46.52	22.34	L1	OFF	19.7
0.469500	31.83	---	56.52	24.69	L1	OFF	19.7
0.494250	---	24.44	46.10	21.66	L1	OFF	19.7
0.494250	31.14	---	56.10	24.96	L1	OFF	19.7
0.514500	---	24.73	46.00	21.27	L1	OFF	19.8
0.514500	31.30	---	56.00	24.70	L1	OFF	19.8
0.530250	---	23.81	46.00	22.19	L1	OFF	19.8
0.530250	28.47	---	56.00	27.53	L1	OFF	19.8
0.631500	---	23.29	46.00	22.71	L1	OFF	19.9
0.631500	27.00	---	56.00	29.00	L1	OFF	19.9
0.660750	---	24.30	46.00	21.70	L1	OFF	19.9
0.660750	33.81	---	56.00	22.19	L1	OFF	19.9
0.676500	---	29.75	46.00	16.25	L1	OFF	19.9
0.676500	41.26	---	56.00	14.74	L1	OFF	19.9
0.721500	---	25.85	46.00	20.15	L1	OFF	19.9
0.721500	33.38	---	56.00	22.62	L1	OFF	19.9
25.161000	---	26.35	50.00	23.65	L1	OFF	20.6
25.161000	28.19	---	60.00	31.81	L1	OFF	20.6

EUT Information

Report NO : 100638
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.13	55.88	23.75	N	OFF	19.6
0.152250	49.21	---	65.88	16.67	N	OFF	19.6
0.161250	---	36.07	55.40	19.33	N	OFF	19.6
0.161250	50.39	---	65.40	15.01	N	OFF	19.6
0.168000	---	33.37	55.06	21.69	N	OFF	19.6
0.168000	48.91	---	65.06	16.15	N	OFF	19.6
0.177000	---	28.18	54.63	26.45	N	OFF	19.6
0.177000	44.52	---	64.63	20.11	N	OFF	19.6
0.188250	---	29.62	54.11	24.49	N	OFF	19.6
0.188250	44.75	---	64.11	19.36	N	OFF	19.6
0.197250	---	31.12	53.73	22.61	N	OFF	19.6
0.197250	45.67	---	63.73	18.06	N	OFF	19.6
0.204000	---	28.68	53.45	24.77	N	OFF	19.6
0.204000	44.49	---	63.45	18.96	N	OFF	19.6
0.215250	---	26.90	53.00	26.10	N	OFF	19.6
0.215250	40.97	---	63.00	22.03	N	OFF	19.6
0.228750	---	28.82	52.50	23.68	N	OFF	19.6
0.228750	43.19	---	62.50	19.31	N	OFF	19.6
0.240000	---	26.73	52.10	25.37	N	OFF	19.6
0.240000	40.34	---	62.10	21.76	N	OFF	19.6
0.253500	---	26.21	51.64	25.43	N	OFF	19.6

0.253500	39.65	---	61.64	21.99	N	OFF	19.6
0.262500	---	27.29	51.35	24.06	N	OFF	19.6
0.262500	40.59	---	61.35	20.76	N	OFF	19.6
0.273750	---	25.74	51.00	25.26	N	OFF	19.6
0.273750	38.68	---	61.00	22.32	N	OFF	19.6
0.282750	---	25.62	50.74	25.12	N	OFF	19.6
0.282750	37.55	---	60.74	23.19	N	OFF	19.6
0.298500	---	26.51	50.28	23.77	N	OFF	19.6
0.298500	36.26	---	60.28	24.02	N	OFF	19.6
0.314250	---	25.65	49.86	24.21	N	OFF	19.6
0.314250	36.85	---	59.86	23.01	N	OFF	19.6
0.332250	---	26.37	49.40	23.03	N	OFF	19.6
0.332250	35.38	---	59.40	24.02	N	OFF	19.6
0.350250	---	26.36	48.96	22.60	N	OFF	19.6
0.350250	35.65	---	58.96	23.31	N	OFF	19.6
0.363750	---	26.05	48.64	22.59	N	OFF	19.6
0.363750	34.18	---	58.64	24.46	N	OFF	19.6
0.375000	---	25.88	48.39	22.51	N	OFF	19.6
0.375000	35.12	---	58.39	23.27	N	OFF	19.6
0.393000	---	26.52	48.00	21.48	N	OFF	19.6
0.393000	35.08	---	58.00	22.92	N	OFF	19.6
0.408750	---	25.34	47.67	22.33	N	OFF	19.6
0.408750	32.95	---	57.67	24.72	N	OFF	19.6
0.429000	---	24.57	47.27	22.70	N	OFF	19.7
0.429000	32.04	---	57.27	25.23	N	OFF	19.7
0.453750	---	25.64	46.81	21.17	N	OFF	19.7
0.453750	34.18	---	56.81	22.63	N	OFF	19.7
0.467250	---	24.40	46.56	22.16	N	OFF	19.7
0.467250	32.32	---	56.56	24.24	N	OFF	19.7
0.492000	---	26.15	46.13	19.98	N	OFF	19.7
0.492000	34.87	---	56.13	21.26	N	OFF	19.7
0.516750	---	26.52	46.00	19.48	N	OFF	19.8
0.516750	34.17	---	56.00	21.83	N	OFF	19.8
0.543750	---	25.02	46.00	20.98	N	OFF	19.8
0.543750	31.69	---	56.00	24.31	N	OFF	19.8
0.584250	---	26.89	46.00	19.11	N	OFF	19.8
0.584250	32.53	---	56.00	23.47	N	OFF	19.8
0.636000	---	23.68	46.00	22.32	N	OFF	19.9
0.636000	28.60	---	56.00	27.40	N	OFF	19.9
0.676500	---	33.54	46.00	12.46	N	OFF	19.9
0.676500	43.94	---	56.00	12.06	N	OFF	19.9
0.687750	---	33.62	46.00	12.38	N	OFF	19.9
0.687750	44.85	---	56.00	11.15	N	OFF	19.9
0.728250	---	24.74	46.00	21.26	N	OFF	20.0
0.728250	30.80	---	56.00	25.20	N	OFF	20.0
0.777750	---	25.45	46.00	20.55	N	OFF	20.0
0.777750	30.41	---	56.00	25.59	N	OFF	20.0
29.370750	---	29.58	50.00	20.42	N	OFF	20.8
29.370750	32.61	---	60.00	27.39	N	OFF	20.8



Appendix C. Radiated Spurious Emission

<CDD Mode>

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	21.4~23.2°C
		Relative Humidity :	47.0~55.0%

Band 5 - 5925~6425MHz

WIFI 802.11a (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.
5+6+7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5920.48	49.41	-38.79	88.2	41.74	34	10.68	37.01	213	157	P	H
		5916	39.82	-28.38	68.2	32.15	34	10.68	37.01	213	157	A	H
	*	5955	107.11	-	-	99.47	33.97	10.71	37.04	213	157	P	H
	*	5955	99.67	-	-	92.03	33.97	10.71	37.04	213	157	A	H
													H
													H
		5884.08	49.69	-38.51	88.2	42.05	33.97	10.66	36.99	195	83	P	V
		5919.92	40.1	-28.1	68.2	32.43	34	10.68	37.01	195	83	A	V
	*	5955	108.31	-	-	100.67	33.97	10.71	37.04	195	83	P	V
	*	5955	100.84	-	-	93.2	33.97	10.71	37.04	195	83	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 5955MHz		5924.26	49.1	-39.1	88.2	41.43	34	10.69	37.02	221	235	P	H
		5917.82	39.04	-29.16	68.2	31.37	34	10.68	37.01	221	235	A	H
	*	5955	107.97	-	-	100.33	33.97	10.71	37.04	221	235	P	H
	*	5955	98.05	-	-	90.41	33.97	10.71	37.04	221	235	A	H
													H
													H
		5920.34	49.26	-38.94	88.2	41.59	34	10.68	37.01	200	81	P	V
		5923.84	39.41	-28.79	68.2	31.74	34	10.69	37.02	200	81	A	V
	*	5955	109.37	-	-	101.73	33.97	10.71	37.04	200	81	P	V
	*	5955	99.82	-	-	92.18	33.97	10.71	37.04	200	81	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial CH 01 5955MHz		5883.52	49.69	-38.51	88.2	42.05	33.97	10.66	36.99	234	180	P	H
		5924.68	39.77	-28.43	68.2	32.1	34	10.69	37.02	234	180	A	H
	*	5955	107.09	-	-	99.45	33.97	10.71	37.04	234	180	P	H
	*	5955	98.15	-	-	90.51	33.97	10.71	37.04	234	180	A	H
													H
													H
		5903.68	50.4	-37.8	88.2	42.73	34	10.67	37	209	76	P	V
		5919.36	40.04	-28.16	68.2	32.37	34	10.68	37.01	209	76	A	V
	*	5955	109.16	-	-	101.52	33.97	10.71	37.04	209	76	P	V
	*	5955	100.46	-	-	92.82	33.97	10.71	37.04	209	76	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz		5924.52	50.05	-38.15	88.2	42.38	34	10.69	37.02	193	176	P	H
		5922.72	40.68	-27.52	68.2	33	34	10.69	37.01	193	176	A	H
	*	5965	107.96	-	-	100.37	33.91	10.72	37.04	193	176	P	H
	*	5965	97.65	-	-	90.06	33.91	10.72	37.04	193	176	A	H
													H
													H
		5924.7	51.01	-37.19	88.2	43.34	34	10.69	37.02	215	79	P	V
		5925	42.35	-25.85	68.2	34.68	34	10.69	37.02	215	79	A	V
	*	5965	109.6	-	-	102.01	33.91	10.72	37.04	215	79	P	V
	*	5965	100.47	-	-	92.88	33.91	10.72	37.04	215	79	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Partial Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial CH 03 5965MHz		5922.36	51.92	-36.28	88.2	44.24	34	10.69	37.01	222	174	P	H
		5923.26	41.37	-26.83	68.2	33.69	34	10.69	37.01	222	174	A	H
	*	5965	106.78	-	-	99.19	33.91	10.72	37.04	222	174	P	H
	*	5965	97.86	-	-	90.27	33.91	10.72	37.04	222	174	A	H
													H
													H
		5923.62	55.8	-32.4	88.2	48.13	34	10.69	37.02	222	79	P	V
		5925	42.82	-25.38	68.2	35.15	34	10.69	37.02	222	79	A	V
	*	5965	109.68	-	-	102.09	33.91	10.72	37.04	222	79	P	V
	*	5965	100.42	-	-	92.83	33.91	10.72	37.04	222	79	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		5921.96	55.57	-32.63	88.2	47.89	34	10.69	37.01	250	152	P	H
		5921.8	46.63	-21.57	68.2	38.95	34	10.69	37.01	250	152	A	H
	*	5985	106.98	-	-	99.52	33.79	10.73	37.06	250	152	P	H
	*	5985	96.9	-	-	89.44	33.79	10.73	37.06	250	152	A	H
													H
													H
		5924.36	57.38	-30.82	88.2	49.71	34	10.69	37.02	210	95	P	V
		5924.04	48.75	-19.45	68.2	41.08	34	10.69	37.02	210	95	A	V
	*	5985	108.91	-	-	101.45	33.79	10.73	37.06	210	95	P	V
	*	5985	99.28	-	-	91.82	33.79	10.73	37.06	210	95	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Partial (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial CH 07 5985MHz		5921	66.2	-22	88.2	58.53	34	10.68	37.01	221	208	P	H
		5920.52	50.02	-18.18	68.2	42.35	34	10.68	37.01	221	208	A	H
	*	5985	107.28	-	-	99.82	33.79	10.73	37.06	221	208	P	H
	*	5985	98.44	-	-	90.98	33.79	10.73	37.06	221	208	A	H
													H
													H
		5925	71.47	-16.73	88.2	63.8	34	10.69	37.02	222	79	P	V
		5925	54.93	-13.27	68.2	47.26	34	10.69	37.02	222	79	A	V
	*	5985	110.27	-	-	102.81	33.79	10.73	37.06	222	79	P	V
	*	5985	100.97	-	-	93.51	33.79	10.73	37.06	222	79	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5924.84	59.42	-28.78	88.2	51.75	34	10.69	37.02	250	114	P	H
		5924.52	49.93	-18.27	68.2	42.26	34	10.69	37.02	250	114	A	H
	*	6025	104.07	-	-	96.52	33.85	10.76	37.06	250	114	P	H
	*	6025	94.81	-	-	87.26	33.85	10.76	37.06	250	114	A	H
													H
													H
		5925	62.59	-25.61	88.2	54.92	34	10.69	37.02	208	89	P	V
		5925	53.64	-14.56	68.2	45.97	34	10.69	37.02	208	89	A	V
	*	6025	108.1	-	-	100.55	33.85	10.76	37.06	208	89	P	V
	*	6025	99.45	-	-	91.9	33.85	10.76	37.06	208	89	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 15 6025MHz		5919.4	70.45	-17.75	88.2	62.78	34	10.68	37.01	195	239	P	H
		5919.08	54.47	-13.73	68.2	46.8	34	10.68	37.01	195	239	A	H
	*	6025	106.39	-	-	98.84	33.85	10.76	37.06	195	239	P	H
	*	6025	97.58	-	-	90.03	33.85	10.76	37.06	195	239	A	H
													H
													H
		5923.24	76.03	-12.17	88.2	68.35	34	10.69	37.01	217	103	P	V
		5923.24	58.23	-9.97	68.2	50.55	34	10.69	37.01	217	103	A	V
	*	6025	107.31	-	-	99.76	33.85	10.76	37.06	217	103	P	V
	*	6025	98.51	-	-	90.96	33.85	10.76	37.06	217	103	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		11728	47.76	-26.24	74	55.76	38.47	14.64	61.11	-	-	P	H
		11728	37.98	-16.02	54	45.98	38.47	14.64	61.11	-	-	A	H
		12050	45.08	-28.92	74	53.02	38.75	14.8	61.49	-	-	P	H
		14472	47.79	-26.21	74	53.95	40.53	16.49	63.18	-	-	P	H
		14472	39.01	-14.99	54	45.17	40.53	16.49	63.18	-	-	A	H
		17984	52.3	-21.7	74	48.2	42.96	18.42	57.28	-	-	P	H
		17984	42.52	-11.48	54	38.42	42.96	18.42	57.28	-	-	A	H
		18075	38.29	-35.71	74	60.22	37.62	-3.72	55.83	-	-	P	H
													H
													H
													H
													H
		11848	47.5	-26.5	74	55.54	38.5	14.7	61.24	-	-	P	V
		11848	37.72	-16.28	54	45.76	38.5	14.7	61.24	-	-	A	V
		12050	45.03	-28.97	74	52.97	38.75	14.8	61.49	-	-	P	V
		14488	48.56	-25.44	74	54.74	40.51	16.49	63.18	-	-	P	V
		14488	39.78	-14.22	54	45.96	40.51	16.49	63.18	-	-	A	V
		17936	51.43	-22.57	74	47.91	42.52	18.39	57.39	-	-	P	V
		17936	41.65	-12.35	54	38.13	42.52	18.39	57.39	-	-	A	V
		18075	38	-36	74	59.93	37.62	-3.72	55.83	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 47 6185MHz		11768	47.51	-26.49	74	55.57	38.43	14.66	61.15	-	-	P	H
		11768	37.73	-16.27	54	45.79	38.43	14.66	61.15	-	-	A	H
		12370	45.84	-28.16	74	54.18	38.73	15.02	62.09	-	-	P	H
		14480	47.57	-26.43	74	53.74	40.52	16.49	63.18	-	-	P	H
		14480	38.8	-15.2	54	44.97	40.52	16.49	63.18	-	-	A	H
		17944	51.95	-22.05	74	48.33	42.6	18.39	57.37	-	-	P	H
		17944	42.17	-11.83	54	38.55	42.6	18.39	57.37	-	-	A	H
		18555	38.53	-35.47	74	59.56	37.94	-3.6	55.37	-	-	P	H
													H
													H
													H
													H
		10944	47.72	-26.28	74	55.65	38.66	14.28	60.87	-	-	P	V
		10944	37.94	-16.06	54	45.87	38.66	14.28	60.87	-	-	A	V
		12370	46.71	-27.29	74	55.05	38.73	15.02	62.09	-	-	P	V
		14472	47.55	-26.45	74	53.71	40.53	16.49	63.18	-	-	P	V
		14472	38.77	-15.23	54	44.93	40.53	16.49	63.18	-	-	A	V
		18000	51.94	-22.06	74	47.65	43.1	18.43	57.24	-	-	P	V
		18000	42.14	-11.86	54	37.85	43.1	18.43	57.24	-	-	A	V
		18555	37.71	-36.29	74	58.74	37.94	-3.6	55.37	-	-	P	V
													V
													V
													V
													V

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Full CH 79 6345MHz		12648	47.89	-26.11	74	55.87	38.9	15.2	62.08	-	-	P	H	
		12648	38.11	-15.89	54	46.09	38.9	15.2	62.08	-	-	A	H	
		12690	46.49	-27.51	74	54.29	38.98	15.23	62.01	-	-	P	H	
		14480	47.74	-26.26	74	53.91	40.52	16.49	63.18	-	-	P	H	
		14480	38.96	-15.04	54	45.13	40.52	16.49	63.18	-	-	A	H	
		17992	51.7	-22.3	74	47.51	43.03	18.42	57.26	-	-	P	H	
		17992	41.92	-12.08	54	37.73	43.03	18.42	57.26	-	-	A	H	
		19035	38.75	-35.25	74	59.5	38.01	-3.67	55.09	-	-	P	H	
														H
														H
														H
														H
		12544	48.26	-25.74	74	56.65	38.74	15.13	62.26	-	-	P	V	
		12544	38.48	-15.52	54	46.87	38.74	15.13	62.26	-	-	A	V	
		12690	46.89	-27.11	74	54.69	38.98	15.23	62.01	-	-	P	V	
		14472	48.61	-25.39	74	54.77	40.53	16.49	63.18	-	-	P	V	
		14472	38.83	-15.17	54	44.99	40.53	16.49	63.18	-	-	A	V	
		17896	52.16	-21.84	74	49.14	42.14	18.36	57.48	-	-	P	V	
		17896	42.38	-11.62	54	39.36	42.14	18.36	57.48	-	-	A	V	
		19035	38.92	-35.08	74	59.67	38.01	-3.67	55.09	-	-	P	V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.													

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 15 6025MHz		11072	47.34	-26.66	74	55.26	38.6	14.47	60.86	-	-	P	H
		11072	37.56	-16.44	54	45.48	38.6	14.47	60.86	-	-	A	H
		12050	44.87	-29.13	74	52.81	38.75	14.89	61.49	-	-	P	H
		14472	48.09	-25.91	74	54.25	40.53	16.78	63.18	-	-	P	H
		14472	39.31	-14.69	54	45.47	40.53	16.78	63.18	-	-	A	H
		17968	52.01	-21.99	74	48.1	42.81	18.6	57.31	-	-	P	H
		17968	42.23	-11.77	54	38.32	42.81	18.6	57.31	-	-	A	H
		18075	37.64	-36.36	74	59.57	37.62	-13.26	55.83	-	-	P	H
													H
													H
													H
													H
		12050	45.47	-28.53	74	53.41	38.75	14.89	61.49	-	-	P	V
		12688	47.35	-26.65	74	55.16	38.98	15.33	62.02	-	-	P	V
		12688	37.57	-16.43	54	45.38	38.98	15.33	62.02	-	-	A	V
		14480	47.79	-26.21	74	53.96	40.52	16.78	63.18	-	-	P	V
		14480	39.01	-14.99	54	45.18	40.52	16.78	63.18	-	-	A	V
		17968	52.51	-21.49	74	48.6	42.81	18.6	57.31	-	-	P	V
		17968	42.73	-11.27	54	38.82	42.81	18.6	57.31	-	-	A	V
		18075	39.25	-34.75	74	61.18	37.62	-13.26	55.83	-	-	P	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 47 6185MHz		10832	47.85	-26.15	74	55.61	38.9	14.22	60.88	-	-	P	H
		10832	38.07	-15.93	54	45.83	38.9	14.22	60.88	-	-	A	H
		12370	45.11	-28.89	74	53.45	38.73	15.02	62.09	-	-	P	H
		14488	47.7	-26.3	74	53.88	40.51	16.49	63.18	-	-	P	H
		14488	38.92	-15.08	54	45.1	40.51	16.49	63.18	-	-	A	H
		17944	52.35	-21.65	74	48.73	42.6	18.39	57.37	-	-	P	H
		17944	42.57	-11.43	54	38.95	42.6	18.39	57.37	-	-	A	H
		18555	37.82	-36.18	74	58.85	37.94	-3.6	55.37	-	-	P	H
													H
													H
													H
													H
		10896	47.63	-26.37	74	55.54	38.71	14.25	60.87	-	-	P	V
		10896	37.85	-16.15	54	45.76	38.71	14.25	60.87	-	-	A	V
		12370	45.25	-28.75	74	53.59	38.73	15.02	62.09	-	-	P	V
		14488	47.98	-26.02	74	54.16	40.51	16.49	63.18	-	-	P	V
		14488	39.2	-14.8	54	45.38	40.51	16.49	63.18	-	-	A	V
		17992	52.48	-21.52	74	48.29	43.03	18.42	57.26	-	-	P	V
		17992	42.6	-11.4	54	38.41	43.03	18.42	57.26	-	-	A	V
		18555	38.84	-35.16	74	59.87	37.94	-3.6	55.37	-	-	P	V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8				(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial CH 79 6345MHz		12448	48.01	-25.99	74	56.47	38.7	15.07	62.23	-	-	P	H
		12448	38.23	-15.77	54	46.69	38.7	15.07	62.23	-	-	A	H
		12690	45.8	-28.2	74	53.6	38.98	15.23	62.01	-	-	P	H
		14488	47.54	-26.46	74	53.72	40.51	16.49	63.18	-	-	P	H
		14488	38.76	-15.24	54	44.94	40.51	16.49	63.18	-	-	A	H
		18000	52.75	-21.25	74	48.46	43.1	18.43	57.24	-	-	P	H
		18000	42.97	-11.03	54	38.68	43.1	18.43	57.24	-	-	A	H
		19035	38.91	-35.09	74	59.66	38.01	-3.67	55.09	-	-	P	H
													H
													H
													H
													H
		10936	48.86	-25.14	74	56.8	38.66	14.27	60.87	-	-	P	V
		10936	39.07	-14.93	54	47.01	38.66	14.27	60.87	-	-	A	V
		12690	45.8	-28.2	74	53.6	38.98	15.23	62.01	-	-	P	V
		14480	48.31	-25.69	74	54.48	40.52	16.49	63.18	-	-	P	V
		14480	39.53	-14.47	54	45.7	40.52	16.49	63.18	-	-	A	V
		17984	52.37	-21.63	74	48.27	42.96	18.42	57.28	-	-	P	V
		17984	42.59	-11.41	54	38.49	42.96	18.42	57.28	-	-	A	V
		19035	39.06	-34.94	74	59.81	38.01	-3.67	55.09	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 6 - 6425~6525MHz

WIFI 802.11ax HE160 Full Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 111 6505MHz		12400	47.67	-26.33	74	56.07	38.7	15.04	62.14	-	-	P	H
		12400	37.89	-16.11	54	46.29	38.7	15.04	62.14	-	-	A	H
		13010	45.12	-43.08	88.2	51.49	39.69	15.45	61.51	-	-	P	H
		14488	47.47	-26.53	74	53.65	40.51	16.49	63.18	-	-	P	H
		14488	38.69	-15.31	54	44.87	40.51	16.49	63.18	-	-	A	H
		17952	51.53	-22.47	74	47.81	42.67	18.4	57.35	-	-	P	H
		17952	41.75	-12.25	54	38.03	42.67	18.4	57.35	-	-	A	H
		19515	37.97	-36.03	74	58.89	37.71	-3.63	55	-	-	P	H
		12504	47.56	-26.44	74	56.07	38.7	15.11	62.32	-	-	P	V
		12504	37.79	-16.21	54	46.3	38.7	15.11	62.32	-	-	A	V
		13010	45.47	-42.73	88.2	51.84	39.69	15.45	61.51	-	-	P	V
		14472	47.65	-26.35	74	53.81	40.53	16.49	63.18	-	-	P	V
		14472	38.87	-15.13	54	45.03	40.53	16.49	63.18	-	-	A	V
		18000	51.32	-22.68	74	47.03	43.1	18.43	57.24	-	-	P	V
		18000	41.54	-12.46	54	37.25	43.1	18.43	57.24	-	-	A	V
		19515	37.8	-36.2	74	58.72	37.71	-3.63	55	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 6 6425~6525MHz

WIFI 802.11ax HE160 Partial (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 111 6505MHz		11768	48.17	-25.83	74	56.23	38.43	14.66	61.15	-	-	P	H
		11768	38.39	-15.61	54	46.45	38.43	14.66	61.15	-	-	A	H
		13010	45.07	-43.13	88.2	51.44	39.69	15.45	61.51	-	-	P	H
		14472	47.83	-26.17	74	53.99	40.53	16.49	63.18	-	-	P	H
		14472	39.05	-14.95	54	45.21	40.53	16.49	63.18	-	-	A	H
		17992	52.18	-21.82	74	47.99	43.03	18.42	57.26	-	-	P	H
		17992	42.5	-11.5	54	38.31	43.03	18.42	57.26	-	-	A	H
		19515	37.79	-36.21	74	58.71	37.71	-3.63	55	-	-	P	H
		12488	47.86	-26.14	74	56.37	38.7	15.1	62.31	-	-	P	V
		12488	38.09	-15.91	54	46.6	38.7	15.1	62.31	-	-	A	V
		13010	45.22	-42.98	88.2	51.59	39.69	15.45	61.51	-	-	P	V
		14480	48.59	-25.41	74	54.76	40.52	16.49	63.18	-	-	P	V
		14480	39.81	-14.19	54	45.98	40.52	16.49	63.18	-	-	A	V
		17872	51.86	-22.14	74	49.24	41.81	18.34	57.53	-	-	P	V
		17872	42.08	-11.92	54	39.46	41.81	18.34	57.53	-	-	A	V
		19515	37.36	-36.64	74	58.28	37.71	-3.63	55	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 143 6665MHz		10960	47.22	-26.78	74	55.17	38.64	14.28	60.87	-	-	P	H
		10960	37.44	-16.56	54	45.39	38.64	14.28	60.87	-	-	A	H
		13330	46.82	-27.18	74	53.22	39.85	15.71	61.96	-	-	P	H
		14488	47.92	-26.08	74	54.1	40.51	16.49	63.18	-	-	P	H
		14488	39.14	-14.86	54	45.32	40.51	16.49	63.18	-	-	A	H
		17960	51.58	-22.42	74	47.77	42.74	18.4	57.33	-	-	P	H
		17960	41.8	-12.2	54	37.99	42.74	18.4	57.33	-	-	A	H
		19995	38.04	-35.96	74	58.96	37.51	-3.53	54.9	-	-	P	H
													H
													H
													H
													H
		12448	47.99	-26.01	74	56.45	38.7	15.07	62.23	-	-	P	V
		12448	38.21	-15.79	54	46.67	38.7	15.07	62.23	-	-	A	V
		13330	46.56	-27.44	74	52.96	39.85	15.71	61.96	-	-	P	V
		14480	47.87	-26.13	74	54.04	40.52	16.49	63.18	-	-	P	V
		14480	39.09	-14.91	54	45.26	40.52	16.49	63.18	-	-	A	V
		17952	52.46	-21.54	74	48.74	42.67	18.4	57.35	-	-	P	V
		17952	42.68	-11.32	54	38.96	42.67	18.4	57.35	-	-	A	V
		19995	37.61	-36.39	74	58.53	37.51	-3.53	54.9	-	-	P	V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8				(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 175 6825MHz		11072	47.34	-26.66	74	55.26	38.6	14.34	60.86	-	-	P	H
		11072	38.94	-15.06	54	46.86	38.6	14.34	60.86	-	-	A	H
		13650	46.46	-41.74	88.2	52.63	40.4	15.98	62.55	-	-	P	H
		14472	48.09	-25.91	74	54.25	40.53	16.49	63.18	-	-	P	H
		14472	41.08	-12.92	54	47.24	40.53	16.49	63.18	-	-	A	H
		17968	52.01	-21.99	74	48.1	42.81	18.41	57.31	-	-	P	H
		17968	42.59	-11.41	54	38.68	42.81	18.41	57.31	-	-	A	H
		20475	39.11	-34.89	74	59.53	37.98	-3.5	54.9	-	-	P	H
													H
													H
													H
													H
		12688	47.35	-26.65	74	55.16	38.98	15.23	62.02	-	-	P	V
		12688	37.57	-16.43	54	45.38	38.98	15.23	62.02	-	-	A	V
		13650	46.1	-42.1	88.2	52.27	40.4	15.98	62.55	-	-	P	V
		14480	47.79	-26.21	74	53.96	40.52	16.49	63.18	-	-	P	V
		14480	39.03	-14.97	54	45.2	40.52	16.49	63.18	-	-	A	V
		17968	52.51	-21.49	74	48.6	42.81	18.41	57.31	-	-	P	V
		17968	42.72	-11.28	54	38.81	42.81	18.41	57.31	-	-	A	V
		20475	37.95	-36.05	74	58.37	37.98	-3.5	54.9	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Partial (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 143 6665MHz		11744	48.26	-25.74	74	56.28	38.46	14.65	61.13	-	-	P	H
		11744	38.48	-15.52	54	46.5	38.46	14.65	61.13	-	-	A	H
		13330	46.18	-27.82	74	52.58	39.85	15.71	61.96	-	-	P	H
		14480	48.3	-25.7	74	54.47	40.52	16.49	63.18	-	-	P	H
		14480	39.52	-14.48	54	45.69	40.52	16.49	63.18	-	-	A	H
		17968	51.89	-22.11	74	47.98	42.81	18.41	57.31	-	-	P	H
		17968	42.11	-11.89	54	38.2	42.81	18.41	57.31	-	-	A	H
		19995	38.49	-35.51	74	59.41	37.51	-3.53	54.9	-	-	P	H
													H
													H
													H
													H
		10920	48.13	-25.87	74	56.06	38.68	14.26	60.87	-	-	P	V
		10920	38.35	-15.65	54	46.28	38.68	14.26	60.87	-	-	A	V
		13330	46.51	-27.49	74	52.91	39.85	15.71	61.96	-	-	P	V
		14488	48.6	-25.4	74	54.78	40.51	16.49	63.18	-	-	P	V
		14488	39.82	-14.18	54	46	40.51	16.49	63.18	-	-	A	V
		17952	51.54	-22.46	74	47.82	42.67	18.4	57.35	-	-	P	V
		17952	41.77	-12.23	54	38.05	42.67	18.4	57.35	-	-	A	V
		19995	37.16	-36.84	74	58.08	37.51	-3.53	54.9	-	-	P	V
													V
													V
													V
													V

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 175 6825MHz		11760	47.33	-26.67	74	55.38	38.44	14.66	61.15	-	-	P	H
		11760	37.55	-16.45	54	45.6	38.44	14.66	61.15	-	-	A	H
		13650	45.36	-42.84	88.2	51.53	40.4	15.98	62.55	-	-	P	H
		14480	47.4	-26.6	74	53.57	40.52	16.49	63.18	-	-	P	H
		14480	38.62	-15.38	54	44.79	40.52	16.49	63.18	-	-	A	H
		17888	51.79	-22.21	74	48.91	42.03	18.35	57.5	-	-	P	H
		17888	42.03	-11.97	54	39.15	42.03	18.35	57.5	-	-	A	H
		20475	37.13	-36.87	74	57.55	37.98	-3.5	54.9	-	-	P	H
													H
													H
													H
													H
		12480	47.86	-26.14	74	56.36	38.7	15.09	62.29	-	-	P	V
		12480	38.08	-15.92	54	46.58	38.7	15.09	62.29	-	-	A	V
		13650	45.77	-42.43	88.2	51.94	40.4	15.98	62.55	-	-	P	V
		14488	47.72	-26.28	74	53.9	40.51	16.49	63.18	-	-	P	V
		14488	38.24	-15.76	54	44.42	40.51	16.49	63.18	-	-	A	V
		17984	52.79	-21.21	74	48.69	42.96	18.42	57.28	-	-	P	V
		17984	43.01	-10.99	54	38.91	42.96	18.42	57.28	-	-	A	V
		20475	38.27	-35.73	74	58.69	37.98	-3.5	54.9	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 8 - 6875~7125MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 229 7095MHz	*	7095	103.78	-	-	93.29	35.97	11.61	37.09	300	114	P	H
	*	7095	96.75	-	-	86.26	35.97	11.61	37.09	300	114	A	H
		7232.505	53.13	-35.07	88.2	41.87	36.63	11.72	37.09	300	114	P	H
		7185.71	43.44	-24.76	68.2	32.37	36.47	11.69	37.09	300	114	A	H
													H
													H
	*	7095	108.05	-	-	97.56	35.97	11.61	37.09	210	114	P	V
	*	7095	100.2	-	-	89.71	35.97	11.61	37.09	210	114	A	V
		7242.55	53.37	-34.83	88.2	42.07	36.67	11.72	37.09	210	114	P	V
		7173.215	43.49	-24.71	68.2	32.45	36.45	11.68	37.09	210	114	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 229 7095MHz	*	7095	107.71	-	-	97.22	35.97	11.61	37.09	200	167	P	H
	*	7095	97.47	-	-	86.98	35.97	11.61	37.09	200	167	A	H
		7242.795	52.8	-35.4	88.2	41.5	36.67	11.72	37.09	200	167	P	H
		7174.195	43.33	-24.87	68.2	32.29	36.45	11.68	37.09	200	167	A	H
													H
													H
	*	7095	109.15	-	-	98.66	35.97	11.61	37.09	205	50	P	V
	*	7095	99.75	-	-	89.26	35.97	11.61	37.09	205	50	A	V
		7227.36	52.85	-35.35	88.2	41.61	36.61	11.72	37.09	205	50	P	V
		7244.51	43.62	-24.58	68.2	32.31	36.68	11.72	37.09	205	50	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE20 Partial (Band Edge @ 3m)**

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial CH 229 7095MHz	*	7095	109.23	-	-	98.74	35.97	11.61	37.09	201	164	P	H
	*	7095	99.37	-	-	88.88	35.97	11.61	37.09	201	164	A	H
		7243.88	54.25	-33.95	88.2	42.94	36.68	11.72	37.09	201	164	P	H
		7244.2	42.99	-25.21	68.2	31.68	36.68	11.72	37.09	201	164	A	H
													H
													H
	*	7095	110.25	-	-	99.76	35.97	11.61	37.09	283	53	P	V
	*	7095	100.83	-	-	90.34	35.97	11.61	37.09	283	53	A	V
		7125	60.6	-27.6	88.2	49.85	36.2	11.64	37.09	283	53	P	V
		7125.48	44.1	-24.1	68.2	33.35	36.2	11.64	37.09	283	53	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz	*	7085	108.16	-	-	97.74	35.91	11.6	37.09	201	166	P	H
	*	7085	97.92	-	-	87.5	35.91	11.6	37.09	201	166	A	H
		7159.32	53.19	-35.01	88.2	42.19	36.42	11.67	37.09	201	166	P	H
		7241.58	42.78	-25.42	68.2	31.48	36.67	11.72	37.09	201	166	A	H
													H
													H
	*	7085	108.83	-	-	98.41	35.91	11.6	37.09	201	52	P	V
	*	7085	99.75	-	-	89.33	35.91	11.6	37.09	201	52	A	V
		7194.06	53.58	-34.62	88.2	42.49	36.49	11.69	37.09	201	52	P	V
		7137.36	43.23	-24.97	68.2	32.37	36.3	11.65	37.09	201	52	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Partial (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial CH 227 7085MHz	*	7085	108.68	-	-	98.26	35.91	11.6	37.09	213	164	P	H
	*	7085	99.04	-	-	88.62	35.91	11.6	37.09	213	164	A	H
		7127.46	61.35	-26.85	88.2	50.58	36.22	11.64	37.09	213	164	P	H
		7134.3	45.78	-22.42	68.2	34.96	36.27	11.64	37.09	213	164	A	H
													H
													H
	*	7085	110.79	-	-	100.37	35.91	11.6	37.09	200	38	P	V
	*	7085	100	-	-	89.58	35.91	11.6	37.09	200	38	A	V
		7136.82	62.31	-25.89	88.2	51.46	36.29	11.65	37.09	200	38	P	V
		7125	46.92	-21.28	68.2	36.17	36.2	11.64	37.09	200	38	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 215 7025MHz	*	7025	107.34	-	-	97.28	35.6	11.55	37.09	200	168	P	H
	*	7025	98.51	-	-	88.45	35.6	11.55	37.09	200	168	A	H
		7210.56	53.2	-35	88.2	42.04	36.54	11.71	37.09	200	168	P	H
		7159.6	42.83	-25.37	68.2	31.83	36.42	11.67	37.09	200	168	A	H
													H
													H
	*	7025	108.59	-	-	98.53	35.6	11.55	37.09	286	83	P	V
	*	7025	99.31	-	-	89.25	35.6	11.55	37.09	286	83	A	V
		7125.16	53.74	-34.46	88.2	42.99	36.2	11.64	37.09	286	83	P	V
		7125	43.71	-24.49	68.2	32.96	36.2	11.64	37.09	286	83	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Partial (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial CH 215 7025MHz	*	7025	105.62	-	-	95.56	35.6	11.55	37.09	355	127	P	H
	*	7025	96.35	-	-	86.29	35.6	11.55	37.09	355	127	A	H
		7128.24	60.8	-27.4	88.2	50.02	36.23	11.64	37.09	355	127	P	H
		7129.08	46.45	-21.75	68.2	35.67	36.23	11.64	37.09	355	127	A	H
													H
													H
	*	7025	109.19	-	-	99.13	35.6	11.55	37.09	206	84	P	V
	*	7025	99.61	-	-	89.55	35.6	11.55	37.09	206	84	A	V
		7125	65.04	-23.16	88.2	54.29	36.2	11.64	37.09	206	84	P	V
		7125	48.59	-19.61	68.2	37.84	36.2	11.64	37.09	206	84	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz	*	6985	107.47	-	-	97.53	35.5	11.52	37.08	200	168	P	H
	*	6985	98.53	-	-	88.59	35.5	11.52	37.08	200	168	A	H
		7138.58	59.74	-28.46	88.2	48.87	36.31	11.65	37.09	200	168	P	H
		7140.96	48.11	-20.09	68.2	37.22	36.33	11.65	37.09	200	168	A	H
													H
													H
	*	6985	108.89	-	-	98.95	35.5	11.52	37.08	226	158	P	V
	*	6985	99.65	-	-	89.71	35.5	11.52	37.08	226	158	A	V
		7137.9	59.11	-29.09	88.2	48.25	36.3	11.65	37.09	226	158	P	V
		7139.6	48.91	-19.29	68.2	38.03	36.32	11.65	37.09	226	158	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Partial (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial CH 207 6985MHz	*	6985	109.81	-	-	99.87	35.5	11.52	37.08	202	169	P	H
	*	6985	99.92	-	-	89.98	35.5	11.52	37.08	202	169	A	H
		7139.94	74.23	-13.97	88.2	63.35	36.32	11.65	37.09	202	169	P	H
		7140.62	59.33	-8.87	68.2	48.45	36.32	11.65	37.09	202	169	A	H
													H
													H
	*	6985	110.8	-	-	100.86	35.5	11.52	37.08	199	117	P	V
	*	6985	100.42	-	-	90.48	35.5	11.52	37.08	199	117	A	V
		7129.06	80.84	-7.36	88.2	70.06	36.23	11.64	37.09	199	117	P	V
		7130.42	62.79	-5.41	68.2	52	36.24	11.64	37.09	199	117	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		10880	47.9	-26.1	74	55.78	38.76	14.24	60.88	-	-	P	H
		10880	38.1	-15.9	54	45.98	38.76	14.24	60.88	-	-	A	H
		13970	48.94	-39.26	88.2	55.48	40.54	16.25	63.33	-	-	P	H
		14488	48.58	-25.42	74	54.76	40.51	16.49	63.18	-	-	P	H
		14488	39.8	-14.2	54	45.98	40.51	16.49	63.18	-	-	A	H
		17968	52.11	-21.89	74	48.2	42.81	18.41	57.31	-	-	P	H
		17968	42.33	-11.67	54	38.42	42.81	18.41	57.31	-	-	A	H
		20955	38.67	-35.33	74	58.79	37.96	-3.36	54.72	-	-	P	H
													H
													H
													H
													H
		12480	47.96	-26.04	74	56.46	38.7	15.09	62.29	-	-	P	V
		12480	38.18	-15.82	54	46.68	38.7	15.09	62.29	-	-	A	V
		13970	47.77	-40.43	88.2	54.31	40.54	16.25	63.33	-	-	P	V
		14472	47.89	-26.11	74	54.05	40.53	16.49	63.18	-	-	P	V
		14472	38.11	-15.89	54	44.27	40.53	16.49	63.18	-	-	A	V
		17992	52.69	-21.31	74	48.5	43.03	18.42	57.26	-	-	P	V
		17992	42.91	-11.09	54	38.72	43.03	18.42	57.26	-	-	A	V
		20955	39.36	-34.64	74	59.48	37.96	-3.36	54.72	-	-	P	V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Partial (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8				(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial CH 207 6985MHz		10888	47.95	-26.05	74	55.84	38.74	14.25	60.88	-	-	P	H
		10888	38.17	-15.83	54	46.06	38.74	14.25	60.88	-	-	A	H
		13970	47.48	-40.72	88.2	54.02	40.54	16.25	63.33	-	-	P	H
		14472	47.69	-26.31	74	53.85	40.53	16.49	63.18	-	-	P	H
		14472	38.91	-15.09	54	45.07	40.53	16.49	63.18	-	-	A	H
		17992	52.41	-21.59	74	48.22	43.03	18.42	57.26	-	-	P	H
		17992	42.63	-11.37	54	38.44	43.03	18.42	57.26	-	-	A	H
		20955	37.91	-36.09	74	58.03	37.96	-3.36	54.72	-	-	P	H
													H
													H
													H
													H
		10880	48.24	-25.76	74	56.12	38.76	14.24	60.88	-	-	P	V
		10880	38.46	-15.54	54	46.34	38.76	14.24	60.88	-	-	A	V
		13970	48.05	-40.15	88.2	54.59	40.54	16.25	63.33	-	-	P	V
		14472	48.07	-25.93	74	54.23	40.53	16.49	63.18	-	-	P	V
		14472	39.29	-14.71	54	45.45	40.53	16.49	63.18	-	-	A	V
		17976	51.95	-22.05	74	47.96	42.88	18.41	57.3	-	-	P	V
		17976	42.17	-11.83	54	38.18	42.88	18.41	57.3	-	-	A	V
		20955	37.64	-36.36	74	57.76	37.96	-3.36	54.72	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



<TXBF Mode>

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	21.4~23.2°C
		Relative Humidity :	47.0~55.0%

Band 5 - 5925~6425MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 5955MHz		5924.12	50.88	-37.32	88.2	43.21	34	10.69	37.02	216	126	P	H
		5924.54	42.21	-25.99	68.2	34.54	34	10.69	37.02	216	126	A	H
	*	5955	108.57	-	-	100.93	33.97	10.71	37.04	216	126	P	H
	*	5955	100.05	-	-	92.41	33.97	10.71	37.04	216	126	A	H
													H
													H
		5924.54	51.92	-36.28	88.2	44.25	34	10.69	37.02	221	24	P	V
		5924.54	41.12	-27.08	68.2	33.45	34	10.69	37.02	221	24	A	V
	*	5955	104.72	-	-	97.08	33.97	10.71	37.04	221	24	P	V
	*	5955	96.63	-	-	88.99	33.97	10.71	37.04	221	24	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz		5921.46	67.19	-21.01	88.2	59.51	34	10.69	37.01	227	122	P	H
		5924.7	55.19	-13.01	68.2	47.52	34	10.69	37.02	227	122	A	H
	*	5965	109.25	-	-	101.66	33.91	10.72	37.04	227	122	P	H
	*	5965	101.99	-	-	94.4	33.91	10.72	37.04	227	122	A	H
													H
													H
		5924.52	68.62	-19.58	88.2	60.95	34	10.69	37.02	201	68	P	V
		5922.9	55.29	-12.91	68.2	47.61	34	10.69	37.01	201	68	A	V
	*	5965	109.01	-	-	101.42	33.91	10.72	37.04	201	68	P	V
	*	5965	102.6	-	-	95.01	33.91	10.72	37.04	201	68	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		5924.68	74.04	-14.16	88.2	66.37	34	10.69	37.02	246	153	P	H
		5919.88	65.32	-2.88	68.2	57.65	34	10.68	37.01	246	153	A	H
	*	5985	109.92	-	-	102.46	33.79	10.73	37.06	246	153	P	H
	*	5985	102.19	-	-	94.73	33.79	10.73	37.06	246	153	A	H
													H
													H
		5924.52	74.8	-13.4	88.2	67.13	34	10.69	37.02	100	40	P	V
		5924.52	63.35	-4.85	68.2	55.68	34	10.69	37.02	100	40	A	V
	*	5985	107.82	-	-	100.36	33.79	10.73	37.06	100	40	P	V
	*	5985	100.65	-	-	93.19	33.79	10.73	37.06	100	40	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 55 6225MHz		10864	49.44	-24.56	74	57.27	38.81	14.24	60.88	-	-	P	H
		10864	39.69	-14.31	54	47.52	38.81	14.24	60.88	-	-	A	H
		12450	46.67	-27.33	74	55.14	38.7	15.07	62.24	-	-	P	H
		14480	50.47	-23.53	74	56.64	40.52	16.49	63.18	-	-	P	H
		14480	40.46	-13.54	54	46.63	40.52	16.49	63.18	-	-	A	H
		18000	53.54	-20.46	74	49.25	43.1	18.43	57.24	-	-	P	H
		18000	43.51	-10.49	54	39.22	43.1	18.43	57.24	-	-	A	H
		18675	37.43	-36.57	74	57.84	38.04	-2.99	55.46	-	-	P	H
													H
													H
													H
													H
		10784	48.4	-25.6	74	56.12	38.97	14.2	60.89	-	-	P	V
		10784	38.38	-15.62	54	46.1	38.97	14.2	60.89	-	-	A	V
		12450	45.99	-28.01	74	54.46	38.7	15.07	62.24	-	-	P	V
		14480	49.45	-24.55	74	55.62	40.52	16.49	63.18	-	-	P	V
		14480	39.51	-14.49	54	45.68	40.52	16.49	63.18	-	-	A	V
		18000	52.55	-21.45	74	48.26	43.1	18.43	57.24	-	-	P	V
		18000	42.5	-11.5	54	38.21	43.1	18.43	57.24	-	-	A	V
		18675	38.41	-35.59	74	58.82	38.04	-2.99	55.46	-	-	P	V
													V
													V
													V
													V

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 87 6385MHz		10784	48.4	-25.6	74	56.12	38.97	14.2	60.89	-	-	P	H
		10784	38.38	-15.62	54	46.1	38.97	14.2	60.89	-	-	A	H
		12770	46.68	-41.52	88.2	53.99	39.28	15.29	61.88	-	-	P	H
		14496	49.31	-24.69	74	55.48	40.5	16.5	63.17	-	-	P	H
		14496	39.29	-14.71	54	45.46	40.5	16.5	63.17	-	-	A	H
		17960	52.04	-21.96	74	48.23	42.74	18.4	57.33	-	-	P	H
		17960	42.03	-11.97	54	38.22	42.74	18.4	57.33	-	-	A	H
		19155	39.89	-34.11	74	60.63	38.06	-3.66	55.14	-	-	P	H
													H
													H
													H
													H
		10864	48.08	-25.92	74	55.91	38.81	14.24	60.88	-	-	P	V
		10864	38.02	-15.98	54	45.85	38.81	14.24	60.88	-	-	A	V
		12770	46.56	-41.64	88.2	53.87	39.28	15.29	61.88	-	-	P	V
		14488	49.61	-24.39	74	55.79	40.51	16.49	63.18	-	-	P	V
		14488	39.59	-14.41	54	45.77	40.51	16.49	63.18	-	-	A	V
		17952	52.68	-21.32	74	48.96	42.67	18.4	57.35	-	-	P	V
		17952	42.67	-11.33	54	38.95	42.67	18.4	57.35	-	-	A	V
		19155	38.64	-35.36	74	59.38	38.06	-3.66	55.14	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 5 5925~6425MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5913.32	71.3	-16.9	88.2	63.63	34	10.68	37.01	100	115	P	H
		5912.36	63.04	-5.16	68.2	55.37	34	10.68	37.01	100	115	A	H
	*	6025	103.32	-	-	95.77	33.85	10.76	37.06	100	115	P	H
	*	6025	98.42	-	-	90.87	33.85	10.76	37.06	100	115	A	H
													H
													H
		5923.56	74.42	-13.78	88.2	66.74	34	10.69	37.01	220	95	P	V
		5922.6	65.64	-2.56	68.2	57.96	34	10.69	37.01	220	95	A	V
	*	6025	109.26	-	-	101.71	33.85	10.76	37.06	220	95	P	V
	*	6025	102.34	-	-	94.79	33.85	10.76	37.06	220	95	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		10848	47.73	-26.27	74	55.52	38.86	14.23	60.88	-	-	P	H
		10848	37.71	-16.29	54	45.5	38.86	14.23	60.88	-	-	A	H
		12050	44.78	-29.22	74	52.72	38.75	14.8	61.49	-	-	P	H
		14496	49.21	-24.79	74	55.38	40.5	16.5	63.17	-	-	P	H
		14496	39.19	-14.81	54	45.36	40.5	16.5	63.17	-	-	A	H
		18000	52.65	-21.35	74	48.36	43.1	18.43	57.24	-	-	P	H
		18000	42.61	-11.39	54	38.32	43.1	18.43	57.24	-	-	A	H
		18075	37.89	-36.11	74	59.84	37.62	-3.72	55.85	-	-	P	H
													H
													H
													H
													H
		10944	47.78	-26.22	74	55.71	38.66	14.28	60.87	-	-	P	V
		10944	37.79	-16.21	54	45.72	38.66	14.28	60.87	-	-	A	V
		12050	44.25	-29.75	74	52.19	38.75	14.8	61.49	-	-	P	V
		14472	48.96	-25.04	74	55.12	40.53	16.49	63.18	-	-	P	V
		14472	39.01	-14.99	54	45.17	40.53	16.49	63.18	-	-	A	V
		17888	52.02	-21.98	74	49.14	42.03	18.35	57.5	-	-	P	V
		17888	42.01	-11.99	54	39.13	42.03	18.35	57.5	-	-	A	V
		18075	37.36	-36.64	74	59.31	37.62	-3.72	55.85	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 47 6185MHz		10968	47.73	-26.27	74	55.67	38.63	14.29	60.86	-	-	P	H
		10968	38.93	-15.07	54	46.87	38.63	14.29	60.86	-	-	A	H
		12370	45.42	-28.58	74	53.76	38.73	15.02	62.09	-	-	P	H
		14496	49.45	-24.55	74	55.62	40.5	16.5	63.17	-	-	P	H
		14496	40.91	-13.09	54	47.08	40.5	16.5	63.17	-	-	A	H
		17896	52.37	-21.63	74	49.35	42.14	18.36	57.48	-	-	P	H
		17896	41.31	-12.69	54	38.29	42.14	18.36	57.48	-	-	A	H
		18555	37.03	-36.97	74	58.25	37.94	-3.6	55.56	-	-	P	H
													H
													H
													H
													H
		11744	48.48	-25.52	74	56.5	38.46	14.65	61.13	-	-	P	V
		11744	38.99	-15.01	54	47.01	38.46	14.65	61.13	-	-	A	V
		12370	47.69	-26.31	74	56.03	38.73	15.02	62.09	-	-	P	V
		14496	48.52	-25.48	74	54.69	40.5	16.5	63.17	-	-	P	V
		14496	40.95	-13.05	54	47.12	40.5	16.5	63.17	-	-	A	V
		17944	52.1	-21.9	74	48.48	42.6	18.39	57.37	-	-	P	V
		17944	41.79	-12.21	54	38.17	42.6	18.39	57.37	-	-	A	V
		18555	38.06	-35.94	74	59.28	37.94	-3.6	55.56	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 79 6345MHz		11792	47.62	-26.38	74	55.72	38.41	14.67	61.18	-	-	P	H
		11792	38.79	-15.21	54	46.89	38.41	14.67	61.18	-	-	A	H
		12690	48.2	-25.8	74	56	38.98	15.23	62.01	-	-	P	H
		14472	48.42	-25.58	74	54.58	40.53	16.49	63.18	-	-	P	H
		14472	40.91	-13.09	54	47.07	40.53	16.49	63.18	-	-	A	H
		17984	51.59	-22.41	74	47.49	42.96	18.42	57.28	-	-	P	H
		17984	42.32	-11.68	54	38.22	42.96	18.42	57.28	-	-	A	H
		19035	38.18	-35.82	74	59.03	38.01	-3.67	55.19	-	-	P	H
													H
													H
													H
													H
		11776	46.82	-27.18	74	54.89	38.42	14.67	61.16	-	-	P	V
		11776	38.71	-15.29	54	46.78	38.42	14.67	61.16	-	-	A	V
		12690	47.97	-26.03	74	55.77	38.98	15.23	62.01	-	-	P	V
		14488	48.34	-25.66	74	54.52	40.51	16.49	63.18	-	-	P	V
		14488	40.89	-13.11	54	47.07	40.51	16.49	63.18	-	-	A	V
		18000	52.15	-21.85	74	47.86	43.1	18.43	57.24	-	-	P	V
		18000	42.54	-11.46	54	38.25	43.1	18.43	57.24	-	-	A	V
		19035	39.34	-34.66	74	60.19	38.01	-3.67	55.19	-	-	P	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 6 - 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 103 6465MHz		12368	47.88	-26.12	74	56.21	38.73	15.02	62.08	-	-	P	H
		12368	38.1	-15.9	54	46.43	38.73	15.02	62.08	-	-	A	H
		12930	46.43	-41.77	88.2	53.1	39.56	15.39	61.62	-	-	P	H
		14472	48.9	-25.1	74	55.06	40.53	16.49	63.18	-	-	P	H
		14472	40.12	-13.88	54	46.28	40.53	16.49	63.18	-	-	A	H
		18000	51.94	-22.06	74	47.65	43.1	18.43	57.24	-	-	P	H
		18000	42.16	-11.84	54	37.87	43.1	18.43	57.24	-	-	A	H
		19395	38.61	-35.39	74	59.42	37.87	-3.64	55.04	-	-	P	H
													H
													H
													H
													H
		12496	48.24	-25.76	74	56.76	38.7	15.1	62.32	-	-	P	V
		12496	38.46	-15.54	54	46.98	38.7	15.1	62.32	-	-	A	V
		12930	46.92	-41.28	88.2	53.59	39.56	15.39	61.62	-	-	P	V
		14472	49.3	-24.7	74	55.46	40.53	16.49	63.18	-	-	P	V
		14472	40.52	-13.48	54	46.68	40.53	16.49	63.18	-	-	A	V
		18000	51.89	-22.11	74	47.6	43.1	18.43	57.24	-	-	P	V
		18000	42.11	-11.89	54	37.82	43.1	18.43	57.24	-	-	A	V
		19395	38.05	-35.95	74	58.86	37.87	-3.64	55.04	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 119 6545MHz		10744	48.55	-25.45	74	56.38	38.89	14.18	60.9	-	-	P	H
		10744	38.53	-15.47	54	46.36	38.89	14.18	60.9	-	-	A	H
		13090	45.29	-42.91	88.2	51.78	39.61	15.52	61.62	-	-	P	H
		14496	49.31	-24.69	74	55.48	40.5	16.5	63.17	-	-	P	H
		14496	39.29	-14.71	54	45.46	40.5	16.5	63.17	-	-	A	H
		17896	52.16	-21.84	74	49.14	42.14	18.36	57.48	-	-	P	H
		17896	42.14	-11.86	54	39.12	42.14	18.36	57.48	-	-	A	H
		19635	38.62	-35.38	74	59.44	37.75	-3.6	54.97	-	-	P	H
													H
													H
													H
													H
		10944	47.92	-26.08	74	55.85	38.66	14.28	60.87	-	-	P	V
		10944	37.9	-16.1	54	45.83	38.66	14.28	60.87	-	-	A	V
		13090	45.82	-42.38	88.2	52.31	39.61	15.52	61.62	-	-	P	V
		14480	49.21	-24.79	74	55.38	40.52	16.49	63.18	-	-	P	V
		14480	39.15	-14.85	54	45.32	40.52	16.49	63.18	-	-	A	V
		18000	52.55	-21.45	74	48.26	43.1	18.43	57.24	-	-	P	V
		18000	42.54	-11.46	54	38.25	43.1	18.43	57.24	-	-	A	V
		19635	38.36	-35.64	74	59.18	37.75	-3.6	54.97	-	-	P	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 111 6505MHz		10848	47.73	-26.27	74	55.52	38.86	14.23	60.88	-	-	P	H
		10848	37.71	-16.29	54	45.5	38.86	14.23	60.88	-	-	A	H
		13010	45.15	-43.05	88.2	51.52	39.69	15.45	61.51	-	-	P	H
		14496	49.21	-24.79	74	55.38	40.5	16.5	63.17	-	-	P	H
		14496	39.19	-14.81	54	45.36	40.5	16.5	63.17	-	-	A	H
		18000	52.65	-21.35	74	48.36	43.1	18.43	57.24	-	-	P	H
		18000	42.61	-11.39	54	38.32	43.1	18.43	57.24	-	-	A	H
		19515	36.77	-37.23	74	57.69	37.71	-3.63	55	-	-	P	H
													H
													H
													H
													H
		10944	47.78	-26.22	74	55.71	38.66	14.28	60.87	-	-	P	V
		10944	37.79	-16.21	54	45.72	38.66	14.28	60.87	-	-	A	V
		13010	45.67	-42.53	88.2	52.04	39.69	15.45	61.51	-	-	P	V
		14472	48.96	-25.04	74	55.12	40.53	16.49	63.18	-	-	P	V
		14472	39.01	-14.99	54	45.17	40.53	16.49	63.18	-	-	A	V
		17888	52.02	-21.98	74	49.14	42.03	18.35	57.5	-	-	P	V
		17888	42.01	-11.99	54	39.13	42.03	18.35	57.5	-	-	A	V
		19515	37.89	-36.11	74	58.81	37.71	-3.63	55	-	-	P	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 135 6625MHz		10864	48.42	-25.58	74	56.25	38.81	14.24	60.88	-	-	P	H
		10864	38.37	-15.63	54	46.2	38.81	14.24	60.88	-	-	A	H
		13250	46.05	-27.95	74	52.6	39.65	15.65	61.85	-	-	P	H
		14480	50.11	-23.89	74	56.28	40.52	16.49	63.18	-	-	P	H
		14480	40.05	-13.95	54	46.22	40.52	16.49	63.18	-	-	A	H
		17960	52.37	-21.63	74	48.56	42.74	18.4	57.33	-	-	P	H
		17960	42.33	-11.67	54	38.52	42.74	18.4	57.33	-	-	A	H
		19870	39.67	-34.33	74	60.5	37.66	-3.56	54.93	-	-	P	H
													H
													H
													H
													H
		10712	48	-26	74	55.92	38.82	14.16	60.9	-	-	P	V
		10712	37.99	-16.01	54	45.91	38.82	14.16	60.9	-	-	A	V
		13250	47.3	-26.7	74	53.85	39.65	15.65	61.85	-	-	P	V
		14472	49.11	-24.89	74	55.27	40.53	16.49	63.18	-	-	P	V
		14472	39.05	-14.95	54	45.21	40.53	16.49	63.18	-	-	A	V
		17952	52.1	-21.9	74	48.38	42.67	18.4	57.35	-	-	P	V
		17952	42.08	-11.92	54	38.36	42.67	18.4	57.35	-	-	A	V
		19870	37.95	-36.05	74	58.78	37.66	-3.56	54.93	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 151 6705MHz		10848	47.73	-26.27	74	55.52	38.86	14.23	60.88	-	-	P	H
		10848	37.71	-16.29	54	45.5	38.86	14.23	60.88	-	-	A	H
		13410	46.18	-42.02	88.2	52.26	40.2	15.79	62.07	-	-	P	H
		14496	49.21	-24.79	74	55.38	40.5	16.5	63.17	-	-	P	H
		14496	39.19	-14.81	54	45.36	40.5	16.5	63.17	-	-	A	H
		18000	52.65	-21.35	74	48.36	43.1	18.43	57.24	-	-	P	H
		18000	42.61	-11.39	54	38.32	43.1	18.43	57.24	-	-	A	H
		20115	38.06	-35.94	74	58.84	37.64	-3.52	54.9	-	-	P	H
													H
													H
													H
													H
		10944	47.78	-26.22	74	55.71	38.66	14.28	60.87	-	-	P	V
		10944	37.79	-16.21	54	45.72	38.66	14.28	60.87	-	-	A	V
		13410	47.76	-40.44	88.2	53.84	40.2	15.79	62.07	-	-	P	V
		14472	48.96	-25.04	74	55.12	40.53	16.49	63.18	-	-	P	V
		14472	39.01	-14.99	54	45.17	40.53	16.49	63.18	-	-	A	V
		17888	52.02	-21.98	74	49.14	42.03	18.35	57.5	-	-	P	V
		17888	42.01	-11.99	54	39.13	42.03	18.35	57.5	-	-	A	V
		20115	37.63	-36.37	74	58.41	37.64	-3.52	54.9	-	-	P	V
													V
													V
													V
													V



WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 167 6785MHz		10816	49.1	-24.9	74	56.83	38.95	14.21	60.89	-	-	P	H
		10816	39.09	-14.91	54	46.82	38.95	14.21	60.89	-	-	A	H
		13570	45.66	-42.54	88.2	51.69	40.41	15.92	62.36	-	-	P	H
		14488	49.15	-24.85	74	55.33	40.51	16.49	63.18	-	-	P	H
		14488	39.15	-14.85	54	45.33	40.51	16.49	63.18	-	-	A	H
		17952	52.5	-21.5	74	48.78	42.67	18.4	57.35	-	-	P	H
		17952	42.48	-11.52	54	38.76	42.67	18.4	57.35	-	-	A	H
		20355	37.42	-36.58	74	57.95	37.88	-3.51	54.9	-	-	P	H
													H
													H
													H
													H
		10896	48.01	-25.99	74	55.92	38.71	14.25	60.87	-	-	P	V
		10896	38	-16	54	45.91	38.71	14.25	60.87	-	-	A	V
		13570	46.26	-41.94	88.2	52.29	40.41	15.92	62.36	-	-	P	V
		14472	49.31	-24.69	74	55.47	40.53	16.49	63.18	-	-	P	V
		14472	39.29	-14.71	54	45.45	40.53	16.49	63.18	-	-	A	V
		18000	52.42	-21.58	74	48.13	43.1	18.43	57.24	-	-	P	V
		18000	42.41	-11.59	54	38.12	43.1	18.43	57.24	-	-	A	V
		20355	37.61	-36.39	74	58.14	37.88	-3.51	54.9	-	-	P	V
													V
													V
													V
													V

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 183 6865MHz		12512	47.17	-26.83	74	55.66	38.71	15.11	62.31	-	-	P	H
		12512	37.39	-16.61	54	45.88	38.71	15.11	62.31	-	-	A	H
		13730	45.69	-42.51	88.2	52.09	40.3	16.05	62.75	-	-	P	H
		14480	48.87	-25.13	74	55.04	40.52	16.49	63.18	-	-	P	H
		14480	40.09	-13.91	54	46.26	40.52	16.49	63.18	-	-	A	H
		17944	52.03	-21.97	74	48.41	42.6	18.39	57.37	-	-	P	H
		17944	42.25	-11.75	54	38.63	42.6	18.39	57.37	-	-	A	H
		20595	43.64	-30.36	74	64.07	37.92	-3.47	54.88	150	62	P	H
													H
													H
													H
													H
		12504	47.18	-26.82	74	55.69	38.7	15.11	62.32	-	-	P	V
		12504	37.4	-16.6	54	45.91	38.7	15.11	62.32	-	-	A	V
		13730	46.44	-41.76	88.2	52.84	40.3	16.05	62.75	-	-	P	V
		14472	47.88	-26.12	74	54.04	40.53	16.49	63.18	-	-	P	V
		14472	39.1	-14.9	54	45.26	40.53	16.49	63.18	-	-	A	V
		17984	51.25	-22.75	74	47.15	42.96	18.42	57.28	-	-	P	V
		17984	41.47	-12.53	54	37.37	42.96	18.42	57.28	-	-	A	V
		20595	42.49	-31.51	74	62.92	37.92	-3.47	54.88	150	32	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 7 - 6525~6875MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 143 6665MHz		10824	47.34	-26.66	74	55.07	38.93	14.22	60.88	-	-	P	H
		10824	39.11	-14.89	54	46.84	38.93	14.22	60.88	-	-	A	H
		13330	46.83	-27.17	74	53.23	39.85	15.71	61.96	-	-	P	H
		14480	47.67	-26.33	74	53.84	40.52	16.49	63.18	-	-	P	H
		14480	40.92	-13.08	54	47.09	40.52	16.49	63.18	-	-	A	H
		18000	51.68	-22.32	74	47.39	43.1	18.43	57.24	-	-	P	H
		18000	42.47	-11.53	54	38.18	43.1	18.43	57.24	-	-	A	H
		19995	38.82	-35.18	74	59.74	37.51	-3.53	54.9	-	-	P	H
													H
													H
													H
													H
		11008	47.44	-26.56	74	55.39	38.6	14.31	60.86	-	-	P	V
		11008	38.96	-15.04	54	46.91	38.6	14.31	60.86	-	-	A	V
		13330	47.1	-26.9	74	53.5	39.85	15.71	61.96	-	-	P	V
		14472	48.39	-25.61	74	54.55	40.53	16.49	63.18	-	-	P	V
		14472	40.89	-13.11	54	47.05	40.53	16.49	63.18	-	-	A	V
		17992	51.98	-22.02	74	47.79	43.03	18.42	57.26	-	-	P	V
		17992	42.25	-11.75	54	38.06	43.03	18.42	57.26	-	-	A	V
		19995	38.75	-35.25	74	59.67	37.51	-3.53	54.9	-	-	P	V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 5+6+7+8		(MHz)	(dBµV/m)	Limit (dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE160 Full CH 175 6825MHz		12536	47.72	-26.28	74	56.12	38.74	15.13	62.27	-	-	P	H
		12536	38.41	-15.59	54	46.81	38.74	15.13	62.27	-	-	A	H
		13650	45.37	-42.83	88.2	51.54	40.4	15.98	62.55	-	-	P	H
		14488	49.03	-24.97	74	55.21	40.51	16.49	63.18	-	-	P	H
		14488	40.72	-13.28	54	46.9	40.51	16.49	63.18	-	-	A	H
		17936	51.36	-22.64	74	47.84	42.52	18.39	57.39	-	-	P	H
		17936	42	-12	54	38.48	42.52	18.39	57.39	-	-	A	H
		20475	37.68	-36.32	74	58.1	37.98	-3.5	54.9	-	-	P	H
													H
													H
													H
													H
		10880	47.66	-26.34	74	55.54	38.76	14.24	60.88	-	-	P	V
		10880	38.98	-15.02	54	46.86	38.76	14.24	60.88	-	-	A	V
		13650	45.22	-42.98	88.2	51.39	40.4	15.98	62.55	-	-	P	V
		14472	48.25	-25.75	74	54.41	40.53	16.49	63.18	-	-	P	V
		14472	40.97	-13.03	54	47.13	40.53	16.49	63.18	-	-	A	V
		17952	51.8	-22.2	74	48.08	42.67	18.4	57.35	-	-	P	V
		17952	42.04	-11.96	54	38.32	42.67	18.4	57.35	-	-	A	V
		20475	37.61	-36.39	74	58.03	37.98	-3.5	54.9	-	-	P	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 8 - 6875~7125MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 229 7095MHz	*	7095	105.18	-	-	94.69	35.97	11.61	37.09	206	169	P	H
	*	7095	95.86	-	-	85.37	35.97	11.61	37.09	206	169	A	H
		7141.64	53.02	-35.18	88.2	42.13	36.33	11.65	37.09	206	169	P	H
		7244.68	43.16	-25.04	68.2	31.85	36.68	11.72	37.09	206	169	A	H
													H
													H
	*	7095	109.39	-	-	98.9	35.97	11.61	37.09	210	63	P	V
	*	7095	100.08	-	-	89.59	35.97	11.61	37.09	210	63	A	V
		7132.04	53.55	-34.65	88.2	42.74	36.26	11.64	37.09	210	63	P	V
		7125.16	43.58	-24.62	68.2	32.83	36.2	11.64	37.09	210	63	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz	*	7085	109	-	-	98.58	35.91	11.6	37.09	201	120	P	H
	*	7085	101.78	-	-	91.36	35.91	11.6	37.09	201	120	A	H
		7126.2	72.3	-15.9	88.2	61.54	36.21	11.64	37.09	201	120	P	H
		7125	61.75	-6.45	68.2	51	36.2	11.64	37.09	201	120	A	H
													H
													H
	*	7085	109.84	-	-	99.42	35.91	11.6	37.09	197	46	P	V
	*	7085	102.62	-	-	92.2	35.91	11.6	37.09	197	46	A	V
		7126.02	73.9	-14.3	88.2	63.14	36.21	11.64	37.09	197	46	P	V
		7125	64.04	-4.16	68.2	53.29	36.2	11.64	37.09	197	46	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 215 7025MHz	*	7025	110.31	-	-	100.25	35.6	11.55	37.09	211	122	P	H
	*	7025	102.05	-	-	91.99	35.6	11.55	37.09	211	122	A	H
		7125.72	72.04	-16.16	88.2	61.28	36.21	11.64	37.09	211	122	P	H
		7125.16	63.66	-4.54	68.2	52.91	36.2	11.64	37.09	211	122	A	H
													H
													H
	*	7025	109.49	-	-	99.43	35.6	11.55	37.09	207	67	P	V
	*	7025	103.71	-	-	93.65	35.6	11.55	37.09	207	67	A	V
		7130.48	70.7	-17.5	88.2	59.91	36.24	11.64	37.09	207	67	P	V
		7125.01	63.78	-4.42	68.2	53.03	36.2	11.64	37.09	207	67	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8				(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 199 6945MHz		10928	48.43	-25.57	74	56.36	38.67	14.27	60.87	-	-	P	H
		10928	38.39	-15.61	54	46.32	38.67	14.27	60.87	-	-	A	H
		13890	47.81	-40.39	88.2	54.36	40.39	16.19	63.13	-	-	P	H
		14480	49.21	-24.79	74	55.38	40.52	16.49	63.18	-	-	P	H
		14480	39.15	-14.85	54	45.32	40.52	16.49	63.18	-	-	A	H
		17896	52.18	-21.82	74	49.16	42.14	18.36	57.48	-	-	P	H
		17896	42.17	-11.83	54	39.15	42.14	18.36	57.48	-	-	A	H
		20835	47.1	-26.9	74	67.46	37.87	-3.4	54.83	-	-	P	H
													H
													H
													H
													H
		10816	48.56	-25.44	74	56.29	38.95	14.21	60.89	-	-	P	V
		10816	38.57	-15.43	54	46.3	38.95	14.21	60.89	-	-	A	V
		13890	47.68	-40.52	88.2	54.23	40.39	16.19	63.13	-	-	P	V
		14488	48.95	-25.05	74	55.13	40.51	16.49	63.18	-	-	P	V
		14488	39	-15	54	45.18	40.51	16.49	63.18	-	-	A	V
		17896	52.26	-21.74	74	49.24	42.14	18.36	57.48	-	-	P	V
		17896	42.25	-11.75	54	39.23	42.14	18.36	57.48	-	-	A	V
		20835	43.7	-30.3	74	64.06	37.87	-3.4	54.83	-	-	P	V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 8 - 6875~7125MHz

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz	*	6985	108.97	-	-	99.03	35.5	11.52	37.08	251	125	P	H
	*	6985	98.35	-	-	88.41	35.5	11.52	37.08	251	125	A	H
		7128.15	72.16	-16.04	88.2	61.38	36.23	11.64	37.09	251	125	P	H
		7128.475	62.08	-6.12	68.2	51.3	36.23	11.64	37.09	251	125	A	H
													H
													H
	*	6985	110.02	-	-	100.08	35.5	11.52	37.08	207	44	P	V
	*	6985	99.97	-	-	90.03	35.5	11.52	37.08	207	44	A	V
		7130.1	75.21	-12.99	88.2	64.42	36.24	11.64	37.09	207	44	P	V
		7127.5	64.73	-3.47	68.2	53.96	36.22	11.64	37.09	207	44	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 5+6+7+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		12512	47.25	-26.75	74	55.74	38.71	15.11	62.31	-	-	P	H
		12512	37.47	-16.53	54	45.96	38.71	15.11	62.31	-	-	A	H
		13970	49.12	-39.08	88.2	55.66	40.54	16.25	63.33	-	-	P	H
		14472	47.75	-26.25	74	53.91	40.53	16.49	63.18	-	-	P	H
		14472	38.97	-15.03	54	45.13	40.53	16.49	63.18	-	-	A	H
		17952	51.78	-22.22	74	48.06	42.67	18.4	57.35	-	-	P	H
		17952	42	-12	54	38.28	42.67	18.4	57.35	-	-	A	H
		20995	39.27	-34.73	74	59.32	38	-3.35	54.7	-	-	P	H
													H
													H
													H
													H
		12376	47.64	-26.36	74	56	38.72	15.02	62.1	-	-	P	V
		12376	37.86	-16.14	54	46.22	38.72	15.02	62.1	-	-	A	V
		13970	48.69	-39.51	88.2	55.23	40.54	16.25	63.33	-	-	P	V
		14480	48	-26	74	54.17	40.52	16.49	63.18	-	-	P	V
		14480	38.22	-15.78	54	44.39	40.52	16.49	63.18	-	-	A	V
		17952	51.94	-22.06	74	48.22	42.67	18.4	57.35	-	-	P	V
		17952	42.16	-11.84	54	38.44	42.67	18.4	57.35	-	-	A	V
		20995	38.03	-35.97	74	58.08	38	-3.35	54.7	-	-	P	V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6+7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		30	20.84	-19.16	40	28.11	24.59	0.61	32.47	-	-	P	H
		66.86	19.86	-20.14	40	39.33	11.96	1.09	32.52	-	-	P	H
		148.34	34.37	-9.13	43.5	47.96	17.12	1.77	32.48	-	-	P	H
		219.15	36.42	-9.58	46	51.72	15.13	2.05	32.48	-	-	Q	H
		305.48	32.39	-13.61	46	43.12	19.28	2.39	32.4	-	-	P	H
		384.05	25.49	-20.51	46	34	21.34	2.62	32.47	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.82	33.44	-6.56	40	43.66	21.61	0.68	32.51	-	-	P	V
		66.86	29.26	-10.74	40	48.73	11.96	1.09	32.52	-	-	P	V
		137.67	30.61	-12.89	43.5	44.03	17.39	1.69	32.5	-	-	P	V
		222.06	38.59	-7.41	46	53.68	15.31	2.08	32.48	-	-	P	V
		304.51	28.35	-17.65	46	39.1	19.26	2.39	32.4	-	-	P	V
		894.27	33.76	-12.24	46	32.37	28.86	4.09	31.56	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against 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	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(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) + Path 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. Radiated Spurious Emission Plots

<CDD Mode>

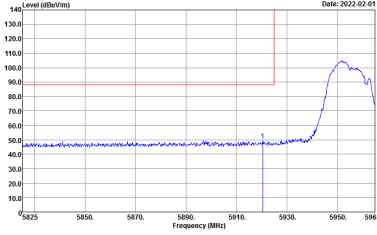
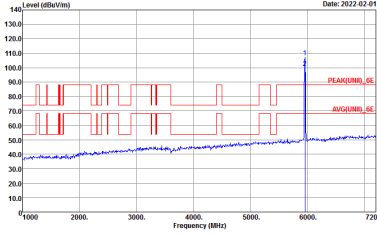
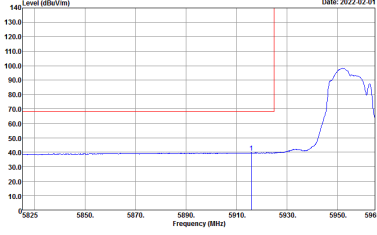
Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	21.4~23.2°C
		Relative Humidity :	47.0~55.0%



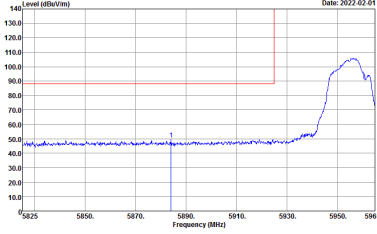
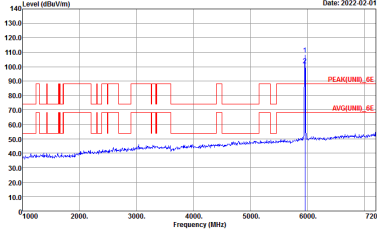
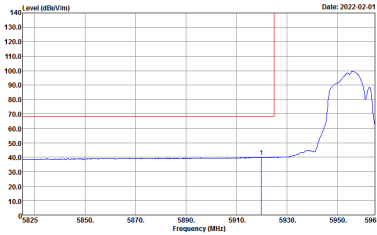
<CDD Mode>

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

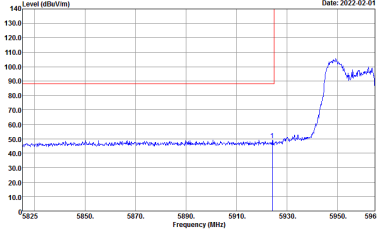
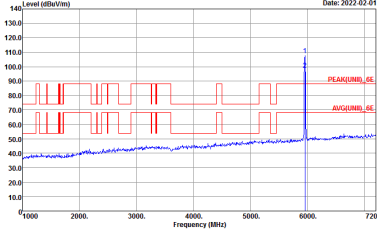
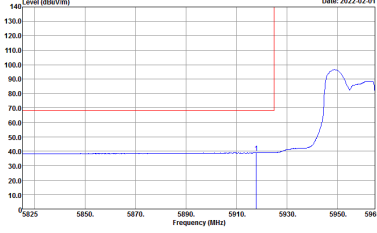
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank



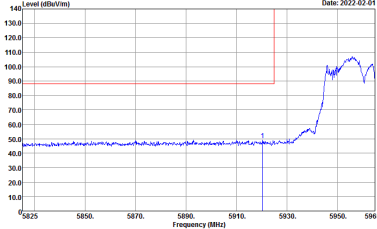
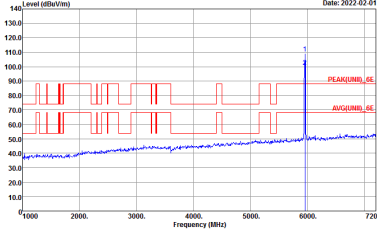
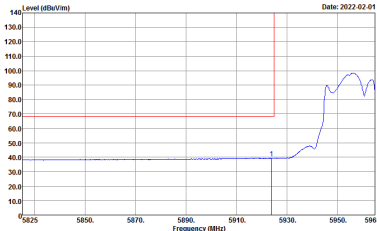
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Date: 2022-02-01 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Date: 2022-02-01 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Date: 2022-02-01 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



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

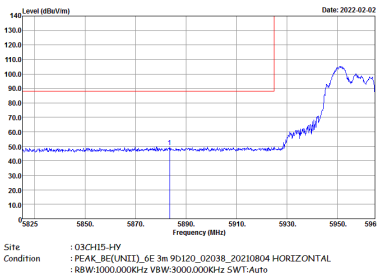
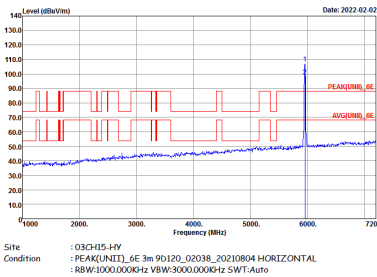
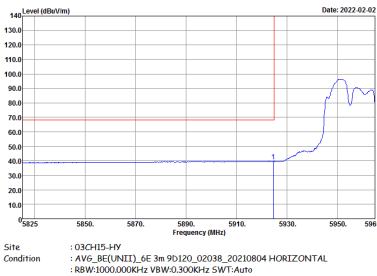
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



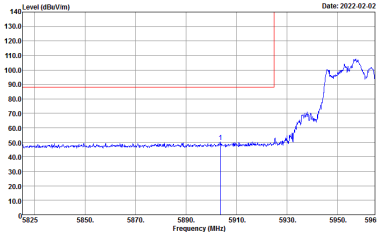
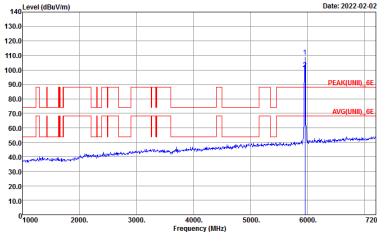
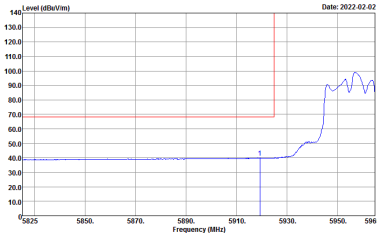
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



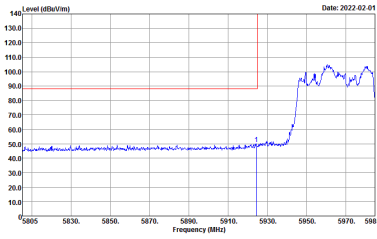
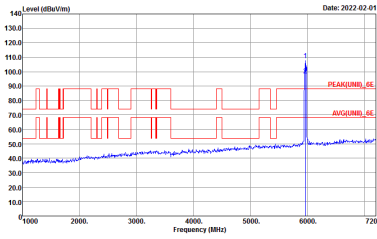
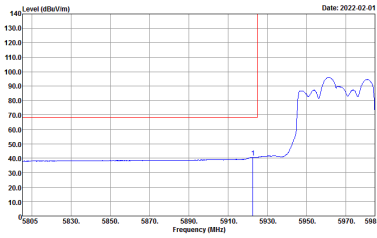
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial RU (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU CH01 5955MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

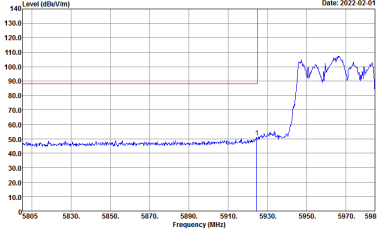
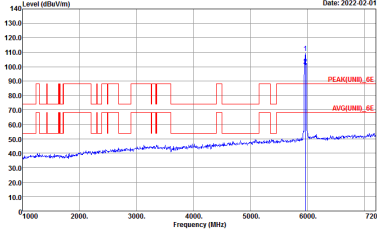
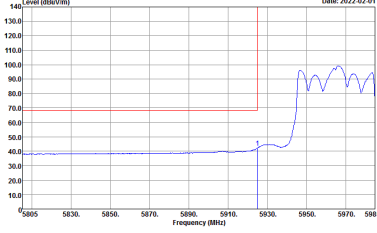


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU CH01 5955MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

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

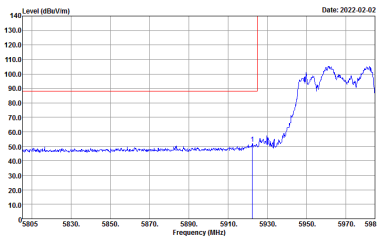
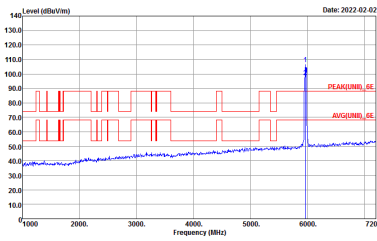
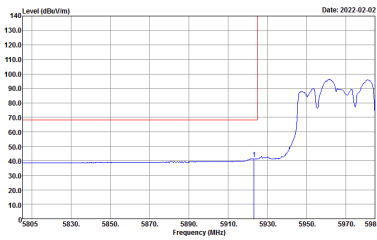
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HV Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HV Condition : AVG_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



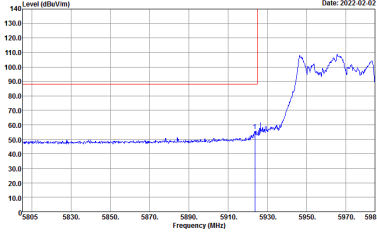
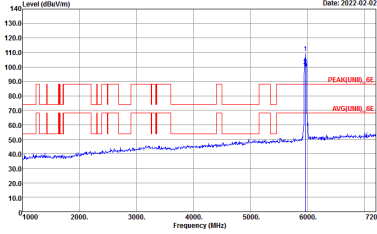
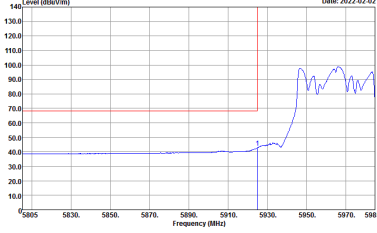
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE40 Partial RU (Band Edge @ 3m)

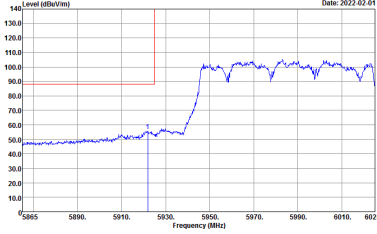
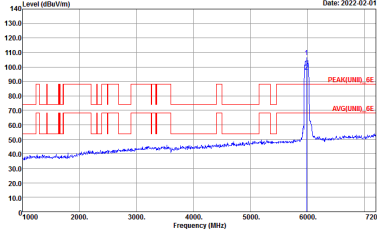
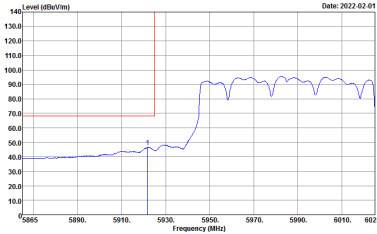
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial RU CH03 5965MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial RU CH03 5965MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



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

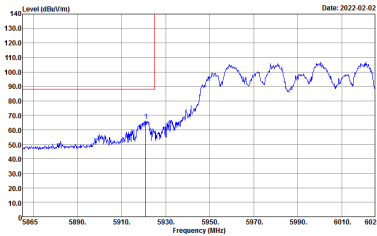
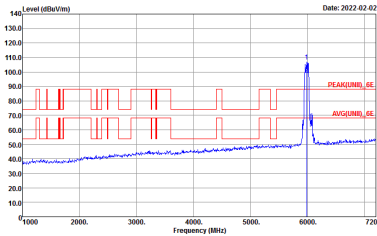
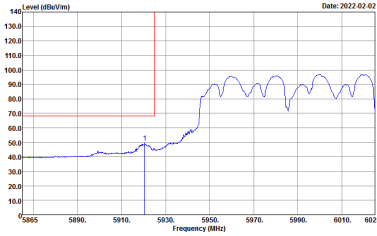
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



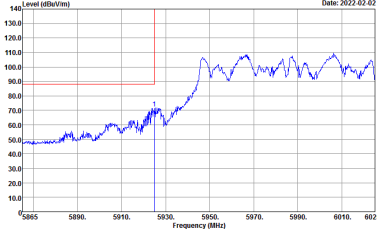
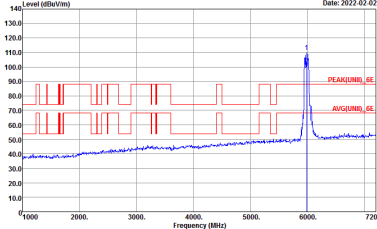
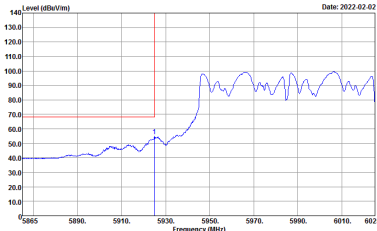
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
5+6+7+8	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE80 Partial RU (Band Edge @ 3m)

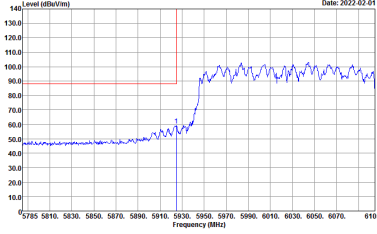
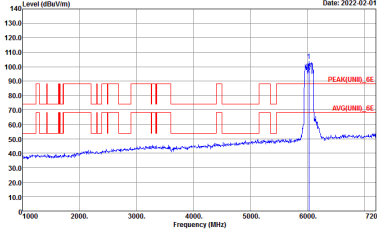
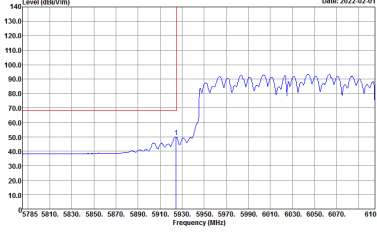
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial RU CH07 5985MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



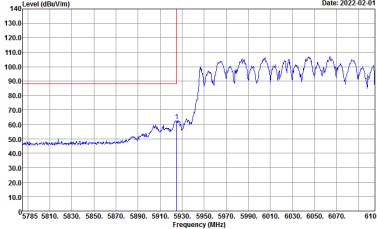
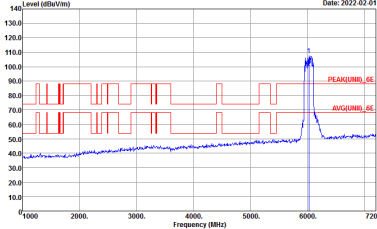
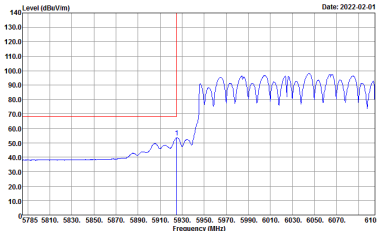
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial RU CH07 5985MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



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

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
5+6+7+8	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HV Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HV Condition : AVG_BE(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
5+6+7+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_UE 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank