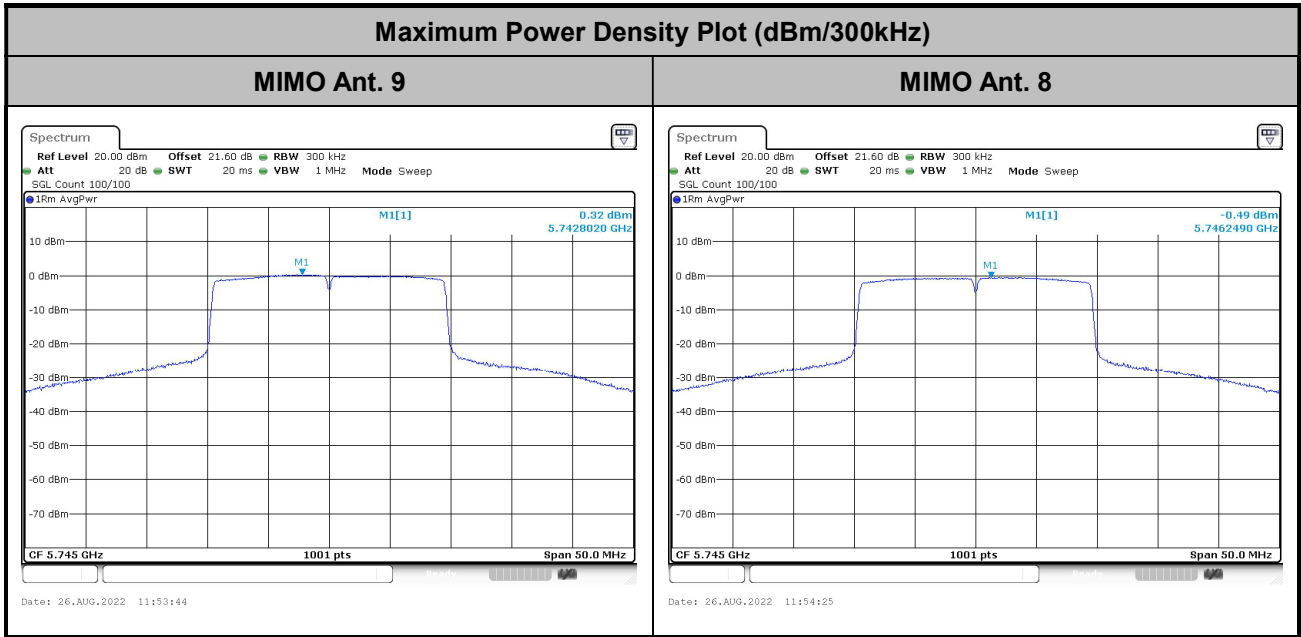
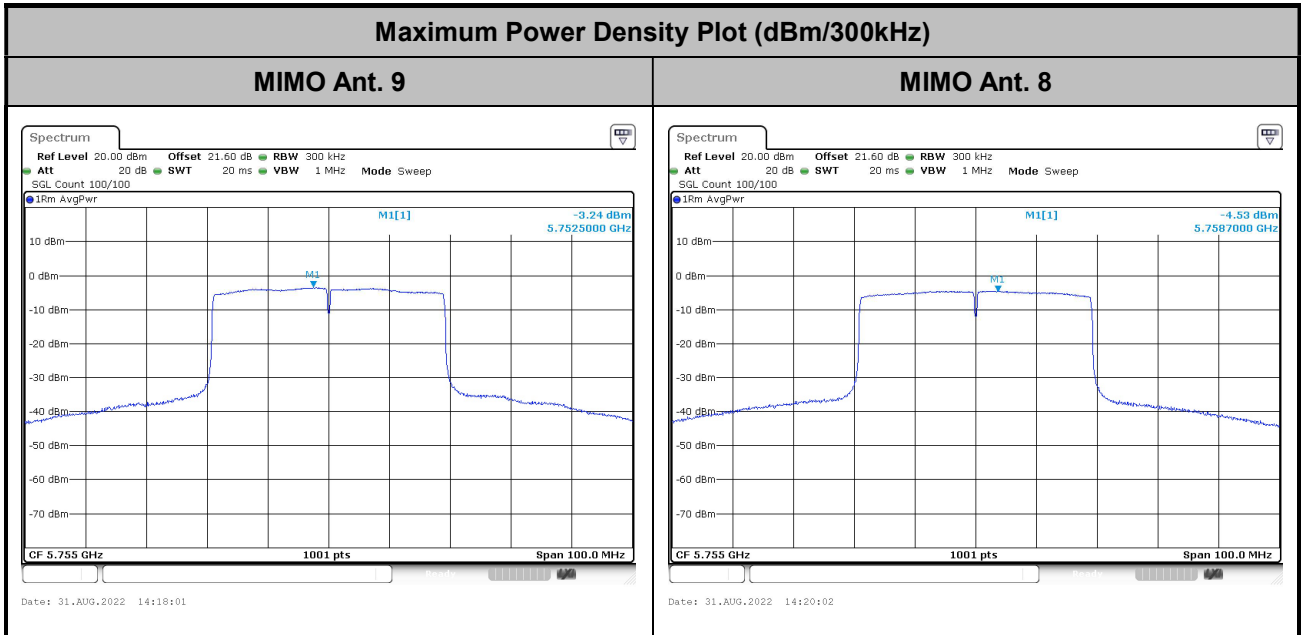




<802.11ax HE20>

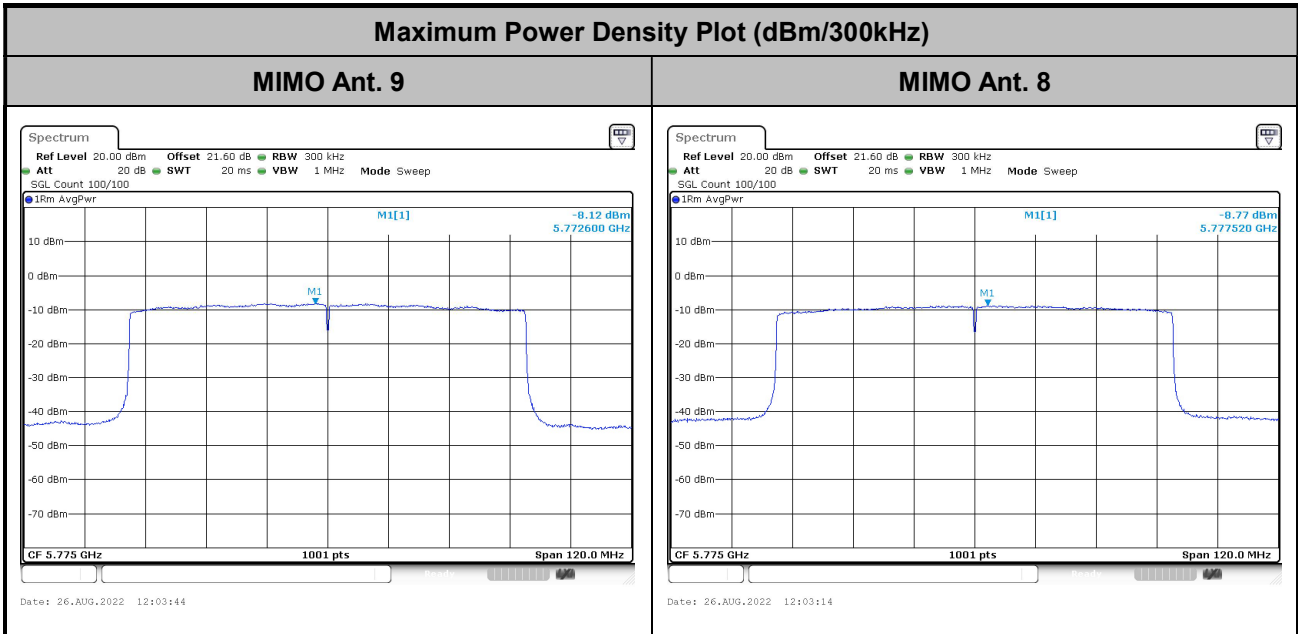


<802.11ax HE40>





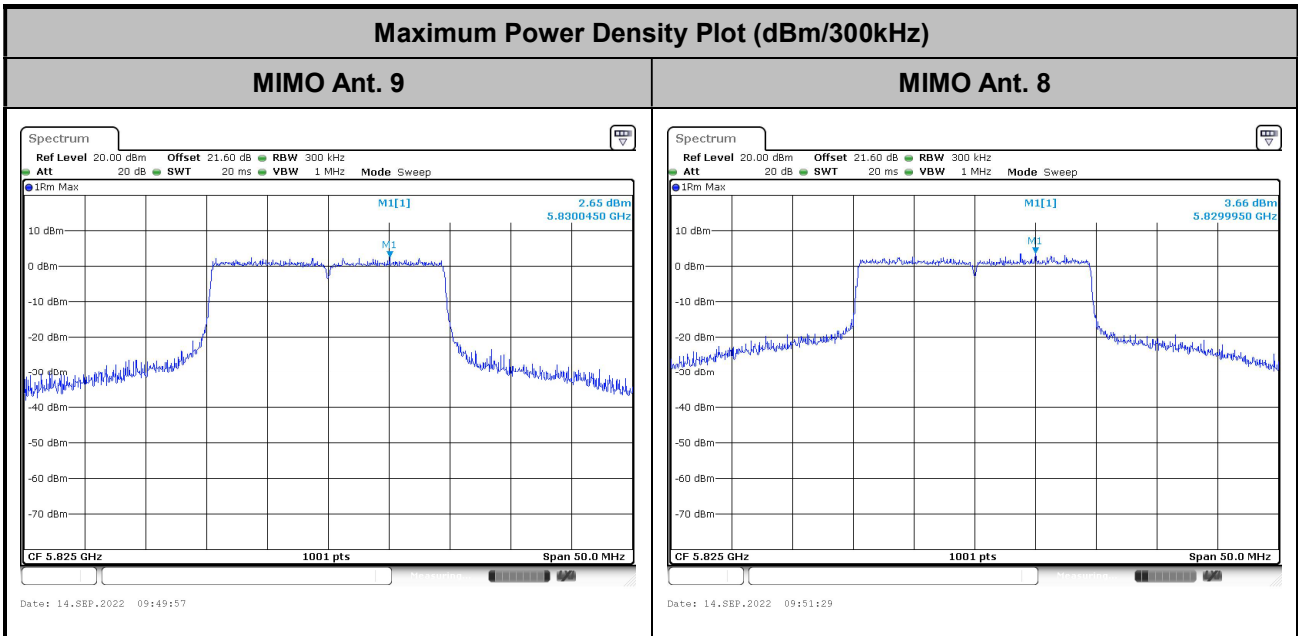
<802.11ax HE80>



Note: Average Power Density (dB) = Measured value+ Duty Factor

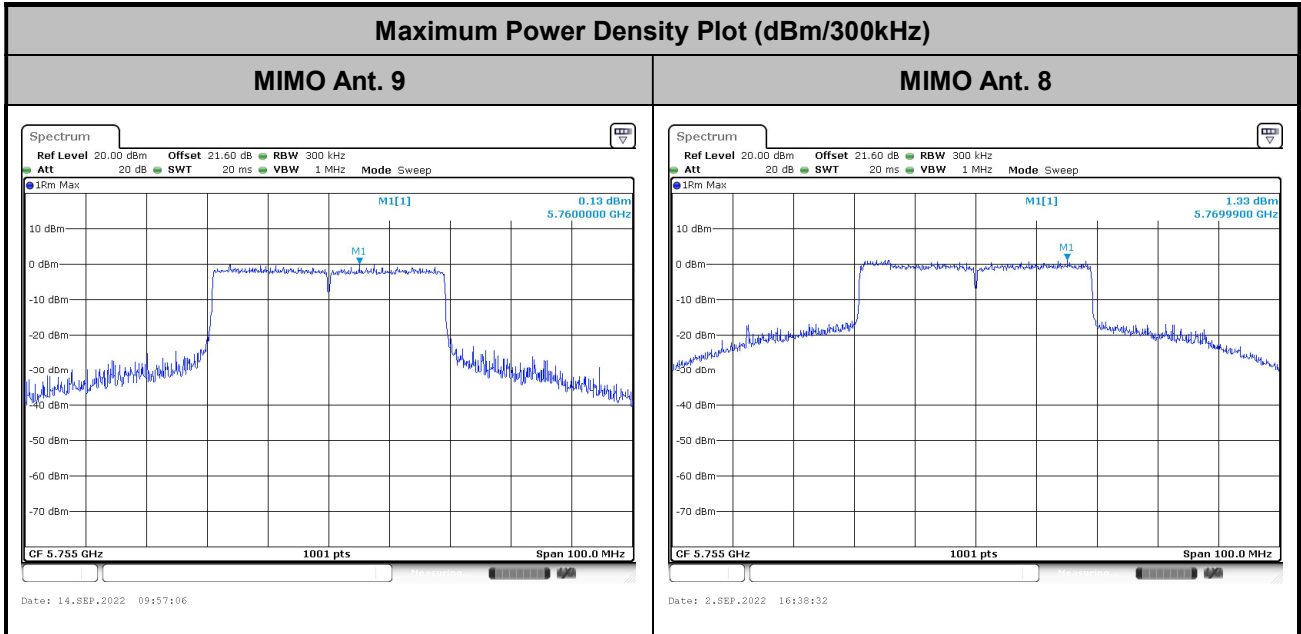
<TXBF Modes>

<802.11ax HE20>

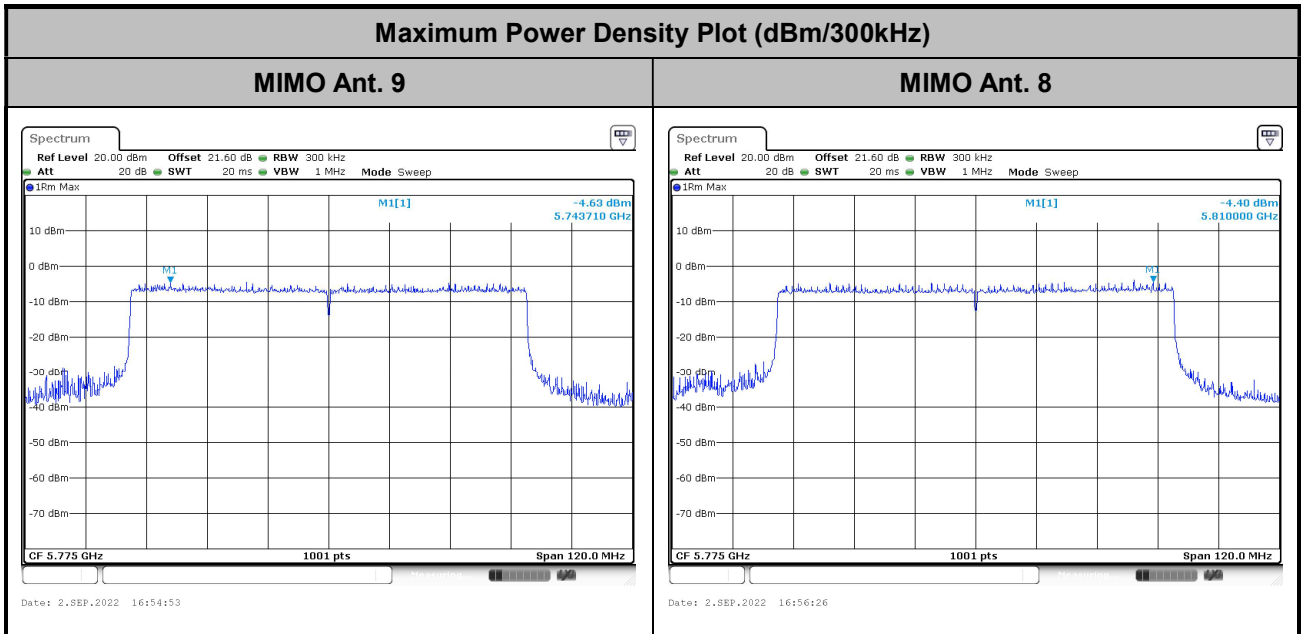




<802.11ax HE40>



<802.11ax HE80>





3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(2) Unwanted spurious emissions falls 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.

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

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

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.



3.4.2 Measuring Instruments

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

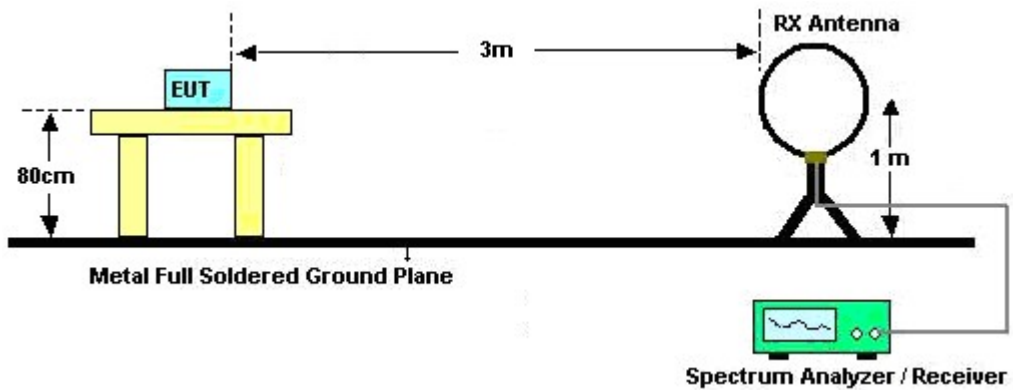
3.4.3 Test Procedures

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 1000 MHz
 - 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 1000 MHz
 - 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 “-“.

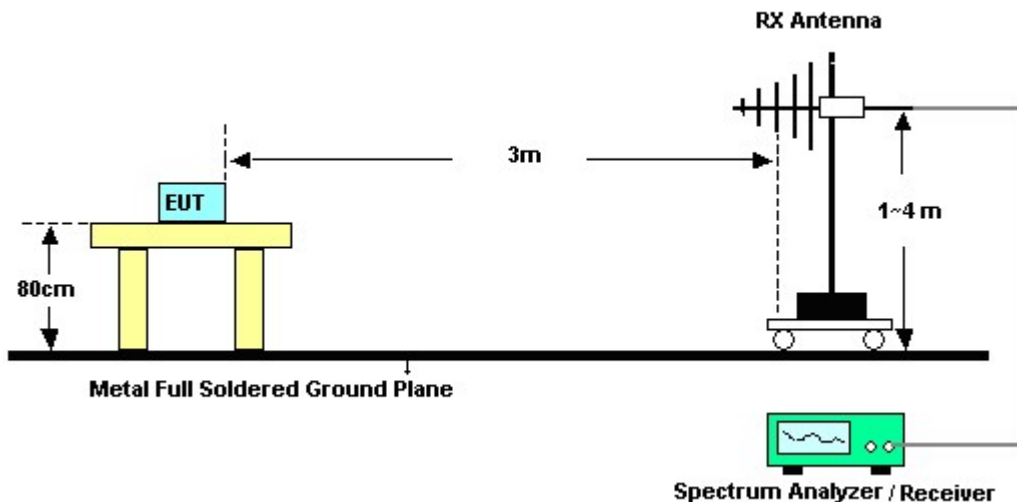
3.4.4 Test Setup

For radiated emissions below 30MHz

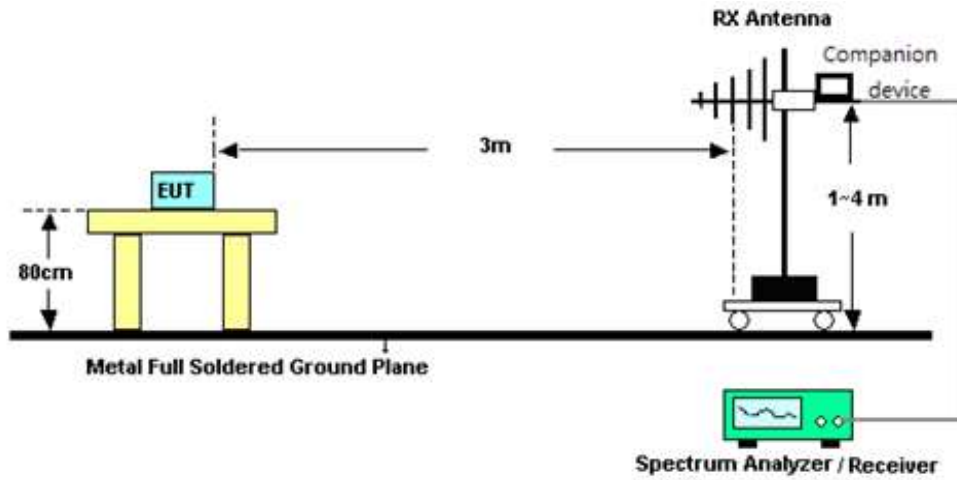


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

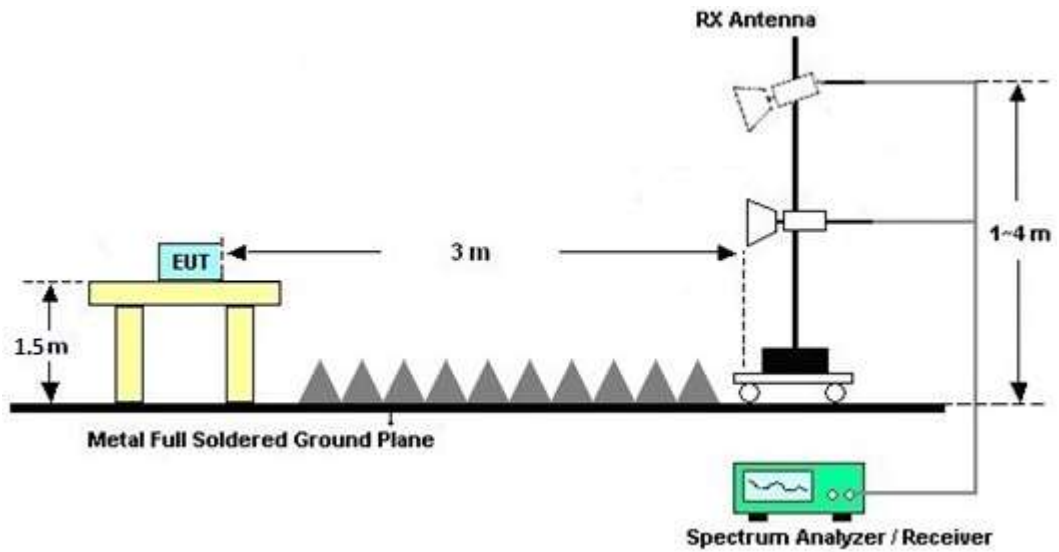


<TXBF Modes>

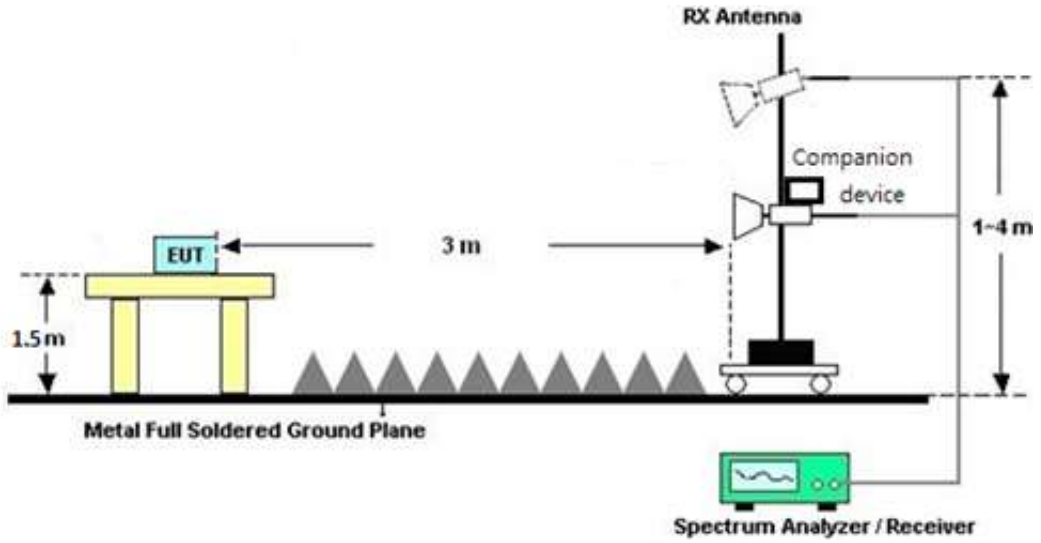


For radiated test from 1GHz to 18GHz

<CDD Mode>

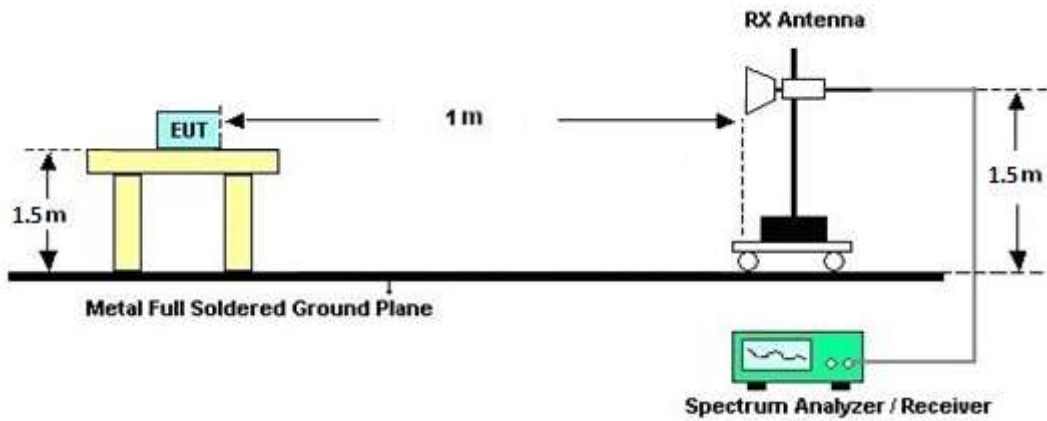


<TXBF Modes>

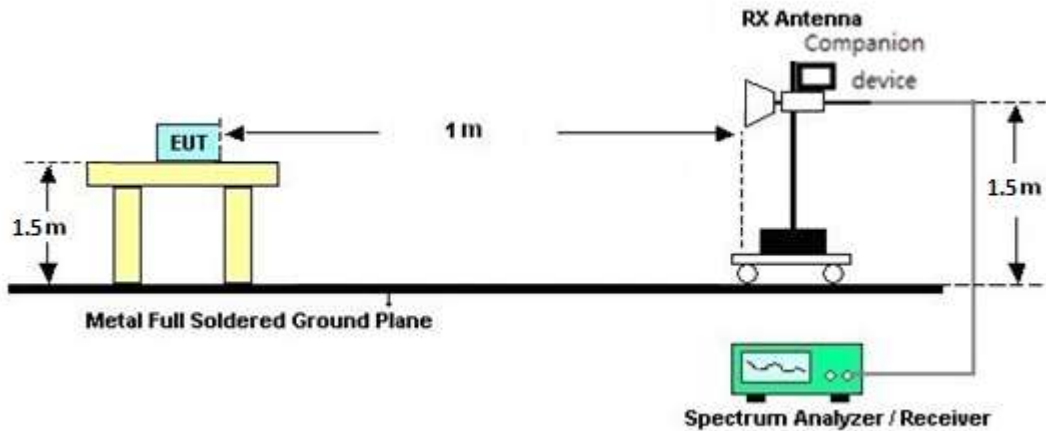


For radiated test above 18GHz

<CDD Mode>



<TXBF Modes>

**3.4.5 Test Results of Radiated 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.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

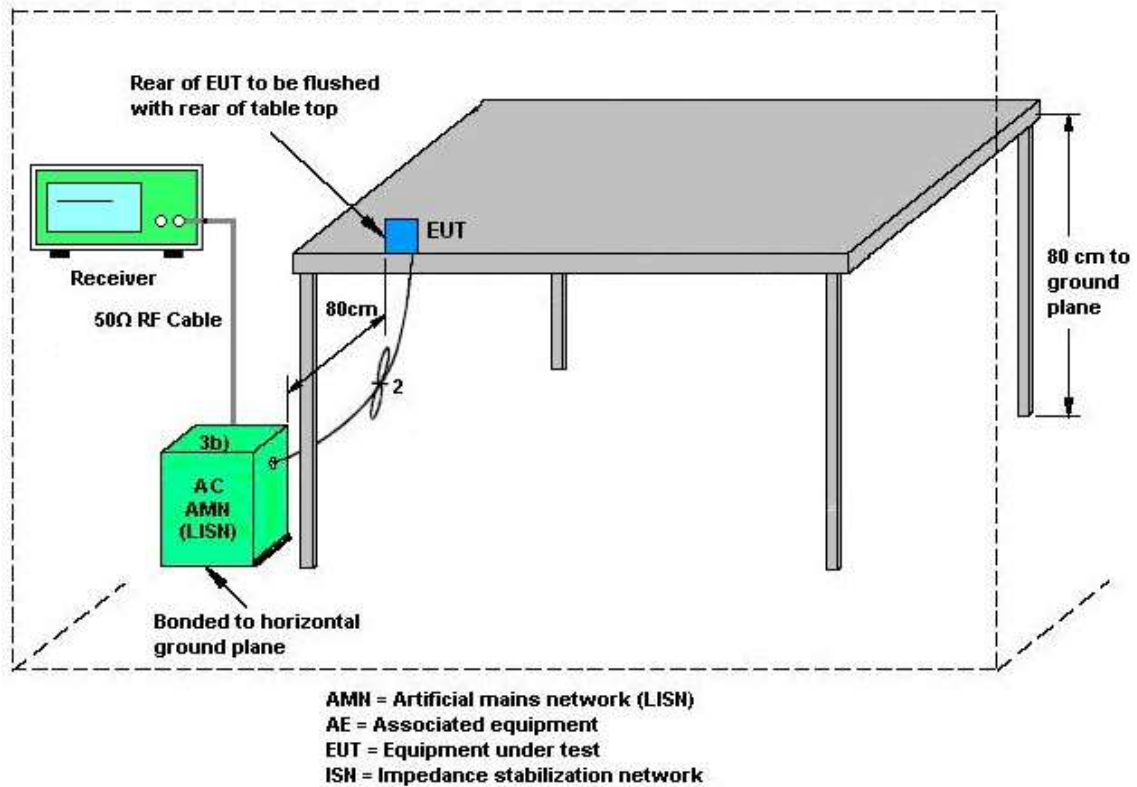
3.5.2 Measuring Instruments

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

3.5.3 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 shall 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.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Aug. 18, 2022~ Sep. 14, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	15I00041SNO 10 (NO:248)	10MHz~6GHz	Dec. 29, 2021	Aug. 18, 2022~ Sep. 14, 2022	Dec. 28, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz	Aug. 03, 2022	Aug. 18, 2022~ Sep. 14, 2022	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 22, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Aug. 22, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Aug. 22, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Aug. 22, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 22, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Aug. 01, 2022	Aug. 22, 2022	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Aug. 22, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Aug. 09, 2022~ Aug. 31, 2022	May 12, 2023	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Aug. 09, 2022~ Aug. 31, 2022	Dec. 23, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Aug. 09, 2022~ Aug. 31, 2022	Nov. 29, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Mar. 08, 2022	Aug. 09, 2022~ Aug. 31, 2022	Mar. 07, 2023	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 15, 2021	Aug. 09, 2022~ Aug. 31, 2022	Dec. 14, 2022	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Aug. 09, 2022~ Aug. 31, 2022	Apr. 23, 2023	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz~18GHz	Jul. 25, 2022	Aug. 09, 2022~ Aug. 31, 2022	Jul. 24, 2023	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP200889	N/A	Sep. 30, 2021	Aug. 09, 2022~ Aug. 31, 2022	Sep. 29, 2022	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 17, 2022	Aug. 09, 2022~ Aug. 31, 2022	May 16, 2023	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 26, 2021	Aug. 09, 2022~ Aug. 31, 2022	Oct. 25, 2022	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2022	Aug. 09, 2022~ Aug. 31, 2022	Mar. 17, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 14, 2021	Aug. 09, 2022~ Aug. 31, 2022	Sep. 13, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 11, 2022	Aug. 09, 2022~ Aug. 31, 2022	Jul. 10, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 10, 2022	Aug. 09, 2022~ Aug. 31, 2022	Mar. 09, 2023	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 09, 2022	Aug. 09, 2022~ Aug. 31, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 09, 2022	Aug. 09, 2022~ Aug. 31, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 09, 2022	Aug. 09, 2022~ Aug. 31, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 09, 2022~ Aug. 31, 2022	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 09, 2022~ Aug. 31, 2022	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 09, 2022~ Aug. 31, 2022	N/A	Radiation (03CH13-HY)



5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150k Hz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.0 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.9 dB
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Appendix A. Test Result of Conducted Test Items

<CDD Mode>

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2022/08/18~2022/08/30	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

Band IV MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8		
11a	6Mbps	2	149	5745	21.97	19.98	44.35	42.05	16.40	16.40	0.5	Pass
11a	6Mbps	2	157	5785	25.13	24.78	44.55	46.00	16.40	16.40	0.5	Pass
11a	6Mbps	2	165	5825	22.98	27.12	43.60	42.10	16.40	16.45	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
11a	6Mbps	2	149	5745	18.60	18.10	21.37	30.00		1.76	Pass	
11a	6Mbps	2	157	5785	18.60	18.10	21.37	30.00		1.76	Pass	
11a	6Mbps	2	165	5825	18.70	18.50	21.61	30.00		1.76	Pass	
HT20	MCS0	2	149	5745	18.40	17.70	21.07	30.00		1.76	Pass	
HT20	MCS0	2	157	5785	17.90	17.30	20.62	30.00		1.76	Pass	
HT20	MCS0	2	165	5825	18.10	17.70	20.91	30.00		1.76	Pass	
HT40	MCS0	2	151	5755	16.50	15.80	19.17	30.00		1.76	Pass	
HT40	MCS0	2	159	5795	17.20	16.80	20.01	30.00		1.76	Pass	
VHT20	MCS0	2	149	5745	18.50	17.80	21.17	30.00		1.76	Pass	
VHT20	MCS0	2	157	5785	18.00	17.40	20.72	30.00		1.76	Pass	
VHT20	MCS0	2	165	5825	18.20	17.80	21.01	30.00		1.76	Pass	
VHT40	MCS0	2	151	5755	16.60	15.90	19.27	30.00		1.76	Pass	
VHT40	MCS0	2	159	5795	17.30	16.90	20.11	30.00		1.76	Pass	
VHT80	MCS0	2	155	5775	15.50	15.10	18.31	30.00		1.76	Pass	

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 9	Ant 8	Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
11a	6Mbps	2	149	5745	2.22	3.35	2.44	6.36	30.00	4.11	Pass			
11a	6Mbps	2	157	5785	2.22	3.56	2.82	6.57	30.00	4.11	Pass			
11a	6Mbps	2	165	5825	2.22	3.55	2.98	6.56	30.00	4.11	Pass			

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

Band IV MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8		
HE20	MCS0	2	149	5745	Full	19.58	19.38	40.85	36.00	18.90	18.70	0.5	Pass
HE20	MCS0	2	157	5785	Full	19.58	19.38	36.25	39.80	18.90	17.45	0.5	Pass
HE20	MCS0	2	165	5825	Full	19.43	20.18	40.00	45.60	18.90	18.85	0.5	Pass
HE40	MCS0	2	151	5755	Full	38.16	38.26	47.07	44.91	37.98	37.80	0.5	Pass
HE40	MCS0	2	159	5795	Full	35.56	38.76	61.56	74.52	38.25	37.89	0.5	Pass
HE80	MCS0	2	155	5775	Full	77.32	77.32	83.20	82.56	77.76	78.08	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
HE20	MCS0	2	149	5745	Full	18.60	17.90	21.27	30.00		1.76		Pass
HE20	MCS0	2	149	5745	26/0	9.30	9.50	12.41	30.00		1.76		Pass
HE20	MCS0	2	149	5745	52/37	11.90	11.60	14.76	30.00		1.76		Pass
HE20	MCS0	2	149	5745	106/53	15.40	15.10	18.26	30.00		1.76		Pass
HE20	MCS0	2	157	5785	Full	18.10	17.50	20.82	30.00		1.76		Pass
HE20	MCS0	2	157	5785	26/4	8.50	8.10	11.31	30.00		1.76		Pass
HE20	MCS0	2	157	5785	52/38	11.40	10.80	14.12	30.00		1.76		Pass
HE20	MCS0	2	157	5785	106/53	14.50	14.40	17.46	30.00		1.76		Pass
HE20	MCS0	2	165	5825	Full	18.30	17.90	21.11	30.00		1.76		Pass
HE20	MCS0	2	165	5825	26/8	8.30	7.70	11.02	30.00		1.76		Pass
HE20	MCS0	2	165	5825	52/40	10.90	10.70	13.81	30.00		1.76		Pass
HE20	MCS0	2	165	5825	106/54	14.50	14.40	17.46	30.00		1.76		Pass
HE40	MCS0	2	151	5755	Full	16.70	16.00	19.37	30.00		1.76		Pass
HE40	MCS0	2	151	5755	242/61	13.70	13.30	16.51	30.00		1.76		Pass
HE40	MCS0	2	159	5795	Full	17.40	17.00	20.21	30.00		1.76		Pass
HE40	MCS0	2	159	5795	242/62	14.50	14.50	17.51	30.00		1.76		Pass
HE80	MCS0	2	155	5775	Full	15.60	15.20	18.41	30.00		1.76		Pass
HE80	MCS0	2	155	5775	484/65	13.30	12.70	16.02	30.00		1.76		Pass
HE80	MCS0	2	155	5775	484/66	12.80	12.70	15.76	30.00		1.76		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	10log (500kHz /RBW) Factor (dB)			Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 9	Ant 8	SUM	Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
HE20	MCS0	2	149	5745	Full	2.22	2.54	1.73	5.55	30.00	4.11			Pass		
HE20	MCS0	2	149	5745	26/0	2.22	2.43	1.70	5.44	30.00	4.11			Pass		
HE20	MCS0	2	149	5745	52/37	2.22	2.11	1.68	5.12	30.00	4.11			Pass		
HE20	MCS0	2	149	5745	106/53	2.22	2.48	1.59	5.49	30.00	4.11			Pass		
HE20	MCS0	2	157	5785	Full	2.22	2.37	1.61	5.38	30.00	4.11			Pass		
HE20	MCS0	2	157	5785	26/4	2.22	2.32	1.52	5.33	30.00	4.11			Pass		
HE20	MCS0	2	157	5785	52/38	2.22	2.13	1.47	5.14	30.00	4.11			Pass		
HE20	MCS0	2	157	5785	106/53	2.22	2.10	1.46	5.11	30.00	4.11			Pass		
HE20	MCS0	2	165	5825	Full	2.22	2.43	1.88	5.44	30.00	4.11			Pass		
HE20	MCS0	2	165	5825	26/8	2.22	2.10	1.57	5.11	30.00	4.11			Pass		
HE20	MCS0	2	165	5825	52/40	2.22	1.98	1.53	4.99	30.00	4.11			Pass		
HE20	MCS0	2	165	5825	106/54	2.22	2.40	1.75	5.41	30.00	4.11			Pass		
HE40	MCS0	2	151	5755	Full	2.22	-1.02	-2.31	1.99	30.00	4.11			Pass		
HE40	MCS0	2	151	5755	242/61	2.22	-1.40	-2.60	1.61	30.00	4.11			Pass		
HE40	MCS0	2	159	5795	Full	2.22	-1.22	-1.83	1.79	30.00	4.11			Pass		
HE40	MCS0	2	159	5795	242/62	2.22	-1.57	-1.92	1.44	30.00	4.11			Pass		
HE80	MCS0	2	155	5775	Full	2.22	-5.90	-6.55	-2.89	30.00	4.11			Pass		
HE80	MCS0	2	155	5775	484/65	2.22	-6.27	-6.80	-3.26	30.00	4.11			Pass		
HE80	MCS0	2	155	5775	484/66	2.22	-6.03	-6.59	-3.02	30.00	4.11			Pass		

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

<TXBF Mode>

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2022/08/18~2022/09/14	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

Band IV MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
HT20	MCS0	2	149	5745	17.70	17.80	20.76	30.00		4.11		Pass
HT20	MCS0	2	157	5785	16.70	16.80	19.76	30.00		4.11		Pass
HT20	MCS0	2	165	5825	17.20	17.70	20.47	30.00		4.11		Pass
HT40	MCS0	2	151	5755	16.10	16.20	19.16	30.00		4.11		Pass
HT40	MCS0	2	159	5795	16.80	17.10	19.96	30.00		4.11		Pass
VHT20	MCS0	2	149	5745	17.80	17.90	20.86	30.00		4.11		Pass
VHT20	MCS0	2	157	5785	16.80	16.90	19.86	30.00		4.11		Pass
VHT20	MCS0	2	165	5825	17.30	17.80	20.57	30.00		4.11		Pass
VHT40	MCS0	2	151	5755	16.20	16.30	19.26	30.00		4.11		Pass
VHT40	MCS0	2	159	5795	16.90	17.20	20.06	30.00		4.11		Pass
VHT80	MCS0	2	155	5775	15.30	15.20	18.26	30.00		4.11		Pass

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

Band IV MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8		
HE20	MCS0	2	149	5745	Full	19.23	19.38	32.15	40.95	19.15	19.20	0.5	Pass
HE20	MCS0	2	157	5785	Full	19.18	19.48	30.65	42.85	19.20	19.20	0.5	Pass
HE20	MCS0	2	165	5825	Full	19.23	20.23	29.60	45.30	19.15	19.15	0.5	Pass
HE40	MCS0	2	151	5755	Full	38.96	51.45	70.47	82.71	38.34	38.43	0.5	Pass
HE40	MCS0	2	159	5795	Full	39.16	43.06	65.16	82.26	38.34	38.43	0.5	Pass
HE80	MCS0	2	155	5775	Full	77.92	77.92	150.40	145.12	78.40	78.40	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
HE20	MCS0	2	149	5745	Full	17.90	18.00	20.96	30.00		4.11		Pass
HE20	MCS0	2	157	5785	Full	16.90	17.00	19.96	30.00		4.11		Pass
HE20	MCS0	2	165	5825	Full	17.40	17.90	20.67	30.00		4.11		Pass
HE40	MCS0	2	151	5755	Full	16.30	16.40	19.36	30.00		4.11		Pass
HE40	MCS0	2	159	5795	Full	17.00	17.30	20.16	30.00		4.11		Pass
HE80	MCS0	2	155	5775	Full	15.40	15.30	18.36	30.00		4.11		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 9	Ant 8	Ant 9	Ant 8	SUM	Ant 9	Ant 8	Ant 9	Ant 8	
HE20	MCS0	2	149	5745	Full	2.22		5.41	5.48	8.49	30.00		4.11		Pass
HE20	MCS0	2	157	5785	Full	2.22		5.15	5.05	8.16	30.00		4.11		Pass
HE20	MCS0	2	165	5825	Full	2.22		4.87	5.88	8.89	30.00		4.11		Pass
HE40	MCS0	2	151	5755	Full	2.22		2.35	3.55	6.56	30.00		4.11		Pass
HE40	MCS0	2	159	5795	Full	2.22		2.31	2.56	5.57	30.00		4.11		Pass
HE80	MCS0	2	155	5775	Full	2.22		-2.41	-2.18	0.83	30.00		4.11		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)



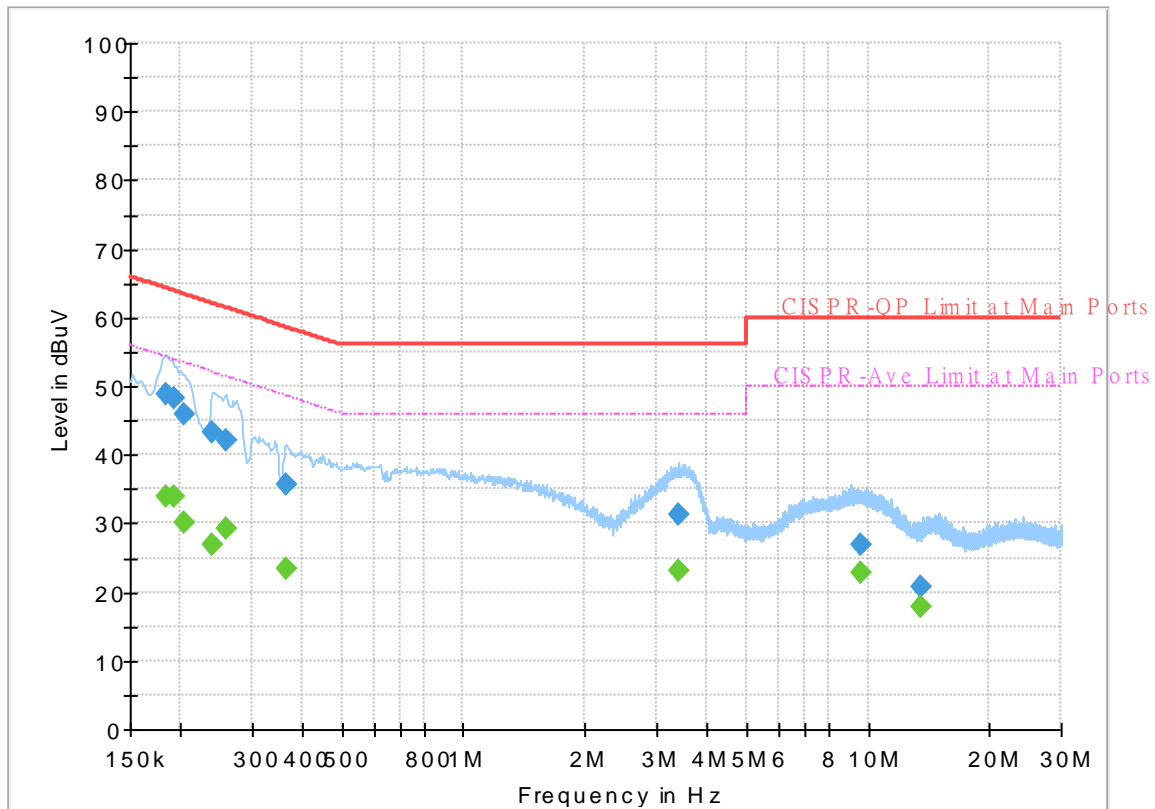
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 271537
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



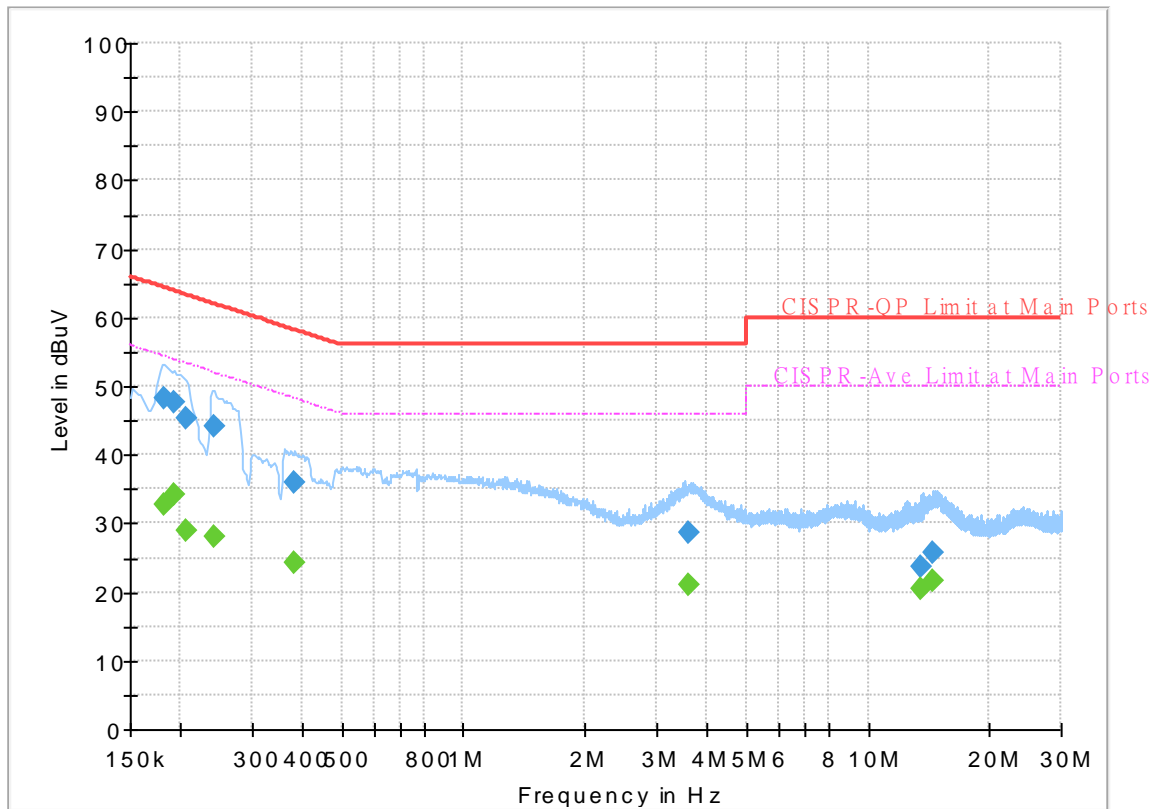
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	33.83	54.31	20.48	L1	OFF	19.8
0.183750	48.95	---	64.31	15.36	L1	OFF	19.8
0.192750	---	34.03	53.92	19.89	L1	OFF	19.8
0.192750	48.19	---	63.92	15.73	L1	OFF	19.8
0.204000	---	30.07	53.45	23.38	L1	OFF	19.8
0.204000	45.98	---	63.45	17.47	L1	OFF	19.8
0.240000	---	26.90	52.10	25.20	L1	OFF	19.8
0.240000	43.26	---	62.10	18.84	L1	OFF	19.8
0.260250	---	29.16	51.42	22.26	L1	OFF	19.8
0.260250	42.08	---	61.42	19.34	L1	OFF	19.8
0.366000	---	23.49	48.59	25.10	L1	OFF	19.8
0.366000	35.63	---	58.59	22.96	L1	OFF	19.8
3.401250	---	23.15	46.00	22.85	L1	OFF	19.8
3.401250	31.36	---	56.00	24.64	L1	OFF	19.8
9.593250	---	22.95	50.00	27.05	L1	OFF	20.0
9.593250	26.99	---	60.00	33.01	L1	OFF	20.0
13.560000	---	17.91	50.00	32.09	L1	OFF	20.0
13.560000	20.83	---	60.00	39.17	L1	OFF	20.0

EUT Information

Report NO : 271537
 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)
0.181500	---	32.78	54.42	21.64	N	OFF	19.8
0.181500	48.37	---	64.42	16.05	N	OFF	19.8
0.192750	---	34.34	53.92	19.58	N	OFF	19.8
0.192750	47.68	---	63.92	16.24	N	OFF	19.8
0.206250	---	28.80	53.36	24.56	N	OFF	19.8
0.206250	45.32	---	63.36	18.04	N	OFF	19.8
0.242250	---	28.19	52.02	23.83	N	OFF	19.8
0.242250	44.17	---	62.02	17.85	N	OFF	19.8
0.384000	---	24.31	48.19	23.88	N	OFF	19.8
0.384000	36.03	---	58.19	22.16	N	OFF	19.8
3.594750	---	21.20	46.00	24.80	N	OFF	19.8
3.594750	28.60	---	56.00	27.40	N	OFF	19.8
13.560000	---	20.44	50.00	29.56	N	OFF	20.1
13.560000	23.79	---	60.00	36.21	N	OFF	20.1
14.453250	---	21.66	50.00	28.34	N	OFF	20.1
14.453250	25.67	---	60.00	34.33	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Mancy Chou, Jacky Hong and Rain Lee	Temperature :	20~25°C
		Relative Humidity :	50~60%



<CDD Mode>

<Sample 1>

Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 149 5745MHz		5650	64.62	-3.58	68.2	52.76	32	6.48	26.62	100	236	P	H	
		5700	79.37	-25.83	105.2	67.18	32.3	6.53	26.64	100	236	P	H	
		5720	89.53	-21.27	110.8	77.3	32.34	6.54	26.65	100	236	P	H	
		5724.6	91.19	-30.1	121.29	78.94	32.35	6.55	26.65	100	236	P	H	
	*	5745	116.14	-	-	103.85	32.39	6.56	26.66	100	236	P	H	
	*	5745	108.8	-	-	96.51	32.39	6.56	26.66	100	236	A	H	
			5648.4	56.55	-11.65	68.2	44.69	32	6.48	26.62	101	233	P	V
			5698.4	71.69	-32.33	104.02	59.52	32.29	6.52	26.64	101	233	P	V
			5720	83.13	-27.67	110.8	70.9	32.34	6.54	26.65	101	233	P	V
			5724.4	86.51	-34.32	120.83	74.26	32.35	6.55	26.65	101	233	P	V
	*		5745	111.87	-	-	99.58	32.39	6.56	26.66	101	233	P	V
	*		5745	104.32	-	-	92.03	32.39	6.56	26.66	101	233	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 157 5785MHz		5641.8	55.09	-13.11	68.2	43.23	32	6.48	26.62	100	236	P	H	
		5688.4	67.05	-29.59	96.64	54.94	32.23	6.52	26.64	100	236	P	H	
		5719.6	72.73	-37.96	110.69	60.5	32.34	6.54	26.65	100	236	P	H	
		5724.2	75.99	-44.39	120.38	63.74	32.35	6.55	26.65	100	236	P	H	
	*	5785	116.56	-	-	104.16	32.47	6.6	26.67	100	236	P	H	
	*	5785	109.26	-	-	96.86	32.47	6.6	26.67	100	236	A	H	
		5851.8	70.18	-47.92	118.1	57.73	32.51	6.64	26.7	100	236	P	H	
		5856	69.71	-40.81	110.52	57.22	32.54	6.65	26.7	100	236	P	H	
		5876.2	67.43	-36.88	104.31	54.82	32.66	6.66	26.71	100	236	P	H	
		5947	55.04	-13.16	68.2	42.18	32.89	6.71	26.74	100	236	P	H	
			5643	53.53	-14.67	68.2	41.67	32	6.48	26.62	100	229	P	V
			5698.8	61.02	-43.3	104.32	48.85	32.29	6.52	26.64	100	229	P	V
			5719.6	68.08	-42.61	110.69	55.85	32.34	6.54	26.65	100	229	P	V
			5724.4	72.47	-48.36	120.83	60.22	32.35	6.55	26.65	100	229	P	V
	*		5785	112.73	-	-	100.33	32.47	6.6	26.67	100	229	P	V
	*		5785	105.21	-	-	92.81	32.47	6.6	26.67	100	229	A	V
			5850.2	66.88	-54.86	121.74	54.44	32.5	6.64	26.7	100	229	P	V
			5855.6	66.03	-44.6	110.63	53.55	32.53	6.65	26.7	100	229	P	V
		5876	62.94	-41.52	104.46	50.33	32.66	6.66	26.71	100	229	P	V	
		5926.2	53.44	-14.76	68.2	40.63	32.85	6.69	26.73	100	229	P	V	



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz	*	5825	116.42	-	-	103.98	32.5	6.63	26.69	100	233	P	H	
	*	5825	109.01	-	-	96.57	32.5	6.63	26.69	100	233	A	H	
		5850.2	89.38	-32.36	121.74	76.94	32.5	6.64	26.7	100	233	P	H	
		5855.4	87.9	-22.79	110.69	75.42	32.53	6.65	26.7	100	233	P	H	
		5875.8	77.49	-27.12	104.61	64.89	32.65	6.66	26.71	100	233	P	H	
		5926.4	61.76	-6.44	68.2	48.95	32.85	6.69	26.73	100	233	P	H	
	*	5825	112.88	-	-	100.44	32.5	6.63	26.69	103	230	P	V	
	*	5825	105.43	-	-	92.99	32.5	6.63	26.69	103	230	A	V	
		5850	83.87	-38.33	122.2	71.43	32.5	6.64	26.7	103	230	P	V	
		5859	82.62	-27.06	109.68	70.12	32.55	6.65	26.7	103	230	P	V	
		5875.2	74.99	-30.06	105.05	62.39	32.65	6.66	26.71	103	230	P	V	
		5926.6	60.31	-7.89	68.2	47.5	32.85	6.69	26.73	103	230	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 149 5745MHz		11490	45.27	-28.73	74	50.79	40.18	10.38	56.08	-	-	P	H
		17235	47.04	-21.16	68.2	50.55	40.2	12.86	56.57	-	-	P	H
		11490	47.04	-26.96	74	52.56	40.18	10.38	56.08	-	-	P	V
		17235	51.74	-16.46	68.2	55.25	40.2	12.86	56.57	100	289	P	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 157 5785MHz		11570	45.58	-28.42	74	51.18	40.06	10.41	56.07	-	-	P	H	
		17355	48.44	-19.76	68.2	51.6	40.64	12.99	56.79	-	-	P	H	
			11570	46.31	-27.69	74	51.91	40.06	10.41	56.07	-	-	P	V
			17355	48.58	-19.62	68.2	51.74	40.64	12.99	56.79	-	-	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz		11650	45.93	-28.07	74	51.75	39.8	10.45	56.07	-	-	P	H	
		17475	47.74	-20.46	68.2	50.33	41.3	13.12	57.01	-	-	P	H	
	Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11ax HE20_Full (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 149 5745MHz		5645.4	58.92	-9.28	68.2	47.06	32	6.48	26.62	100	236	P	H	
		5693	75.03	-25.01	100.04	62.89	32.26	6.52	26.64	100	236	P	H	
		5713.4	84.23	-24.72	108.95	72.01	32.33	6.54	26.65	100	236	P	H	
		5723.4	89.74	-28.81	118.55	77.5	32.35	6.54	26.65	100	236	P	H	
	*	5745	117.36	-	-	105.07	32.39	6.56	26.66	100	236	P	H	
	*	5745	108	-	-	95.71	32.39	6.56	26.66	100	236	A	H	
			5641	55.04	-13.16	68.2	43.19	32	6.47	26.62	106	232	P	V
			5699	71.41	-33.05	104.46	59.24	32.29	6.52	26.64	106	232	P	V
			5720	78.41	-32.39	110.8	66.18	32.34	6.54	26.65	106	232	P	V
			5722	82.55	-32.81	115.36	70.32	32.34	6.54	26.65	106	232	P	V
	*		5745	113	-	-	100.71	32.39	6.56	26.66	106	232	P	V
	*		5745	103.46	-	-	91.17	32.39	6.56	26.66	106	232	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5605.4	52.86	-15.34	68.2	41.02	32	6.44	26.6	100	234	P	H
		5694	61.2	-39.58	100.78	49.06	32.26	6.52	26.64	100	234	P	H
		5714.2	69.35	-39.83	109.18	57.13	32.33	6.54	26.65	100	234	P	H
		5721.8	72.85	-42.05	114.9	60.62	32.34	6.54	26.65	100	234	P	H
	*	5785	117.71	-	-	105.31	32.47	6.6	26.67	100	234	P	H
	*	5785	107.94	-	-	95.54	32.47	6.6	26.67	100	234	A	H
		5850.6	68.1	-52.73	120.83	55.66	32.5	6.64	26.7	100	234	P	H
		5855	64.05	-46.75	110.8	51.57	32.53	6.65	26.7	100	234	P	H
		5875.6	59.29	-45.46	104.75	46.69	32.65	6.66	26.71	100	234	P	H
		5927.2	54.23	-13.97	68.2	41.42	32.85	6.69	26.73	100	234	P	H
802.11ax													
HE20 Full													
CH 157													
5785MHz		5639.2	52.6	-15.6	68.2	40.75	32	6.47	26.62	100	231	P	V
		5699.4	62.35	-42.41	104.76	50.17	32.3	6.52	26.64	100	231	P	V
		5719.8	64.39	-46.35	110.74	52.16	32.34	6.54	26.65	100	231	P	V
		5723.8	70.38	-49.08	119.46	58.13	32.35	6.55	26.65	100	231	P	V
	*	5785	114.05	-	-	101.65	32.47	6.6	26.67	100	231	P	V
	*	5785	104.43	-	-	92.03	32.47	6.6	26.67	100	231	A	V
		5853	67.41	-47.95	115.36	54.95	32.52	6.64	26.7	100	231	P	V
		5864.8	63.71	-44.34	108.05	51.18	32.59	6.65	26.71	100	231	P	V
		5875.2	59.19	-45.86	105.05	46.59	32.65	6.66	26.71	100	231	P	V
		5930	53.58	-14.62	68.2	40.76	32.86	6.69	26.73	100	231	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz	*	5825	117.04	-	-	104.6	32.5	6.63	26.69	100	234	P	H	
	*	5825	107.82	-	-	95.38	32.5	6.63	26.69	100	234	A	H	
		5855	84.95	-25.85	110.8	72.47	32.53	6.65	26.7	100	234	P	H	
		5855	84.95	-25.85	110.8	72.47	32.53	6.65	26.7	100	234	P	H	
		5876.2	76.05	-28.26	104.31	63.44	32.66	6.66	26.71	100	234	P	H	
		5926.8	58.42	-9.78	68.2	45.61	32.85	6.69	26.73	100	234	P	H	
	*	5825	114.04	-	-	101.6	32.5	6.63	26.69	103	232	P	V	
	*	5825	104.82	-	-	92.38	32.5	6.63	26.69	103	232	A	V	
		5853.2	83.47	-31.43	114.9	71.01	32.52	6.64	26.7	103	232	P	V	
		5855	80.64	-30.16	110.8	68.16	32.53	6.65	26.7	103	232	P	V	
		5875	74.95	-30.25	105.2	62.35	32.65	6.66	26.71	103	232	P	V	
		5934.8	56.41	-11.79	68.2	43.57	32.87	6.7	26.73	103	232	P	V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 157 5785MHz		11570	45.31	-28.69	74	50.91	40.06	10.41	56.07	-	-	P	H	
		17355	47.29	-20.91	68.2	50.45	40.64	12.99	56.79	-	-	P	H	
			11570	45.32	-28.68	74	50.92	40.06	10.41	56.07	-	-	P	V
			17355	48.35	-19.85	68.2	51.51	40.64	12.99	56.79	-	-	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz		11650	45.74	-28.26	74	51.56	39.8	10.45	56.07	-	-	P	H	
		17475	48.79	-19.41	68.2	51.38	41.3	13.12	57.01	-	-	P	H	
	Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11ax HE20_Partial 106 (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 106/53 CH 149 5745MHz		5650	64.97	-3.23	68.2	53.11	32	6.48	26.62	100	224	P	H	
		5689	76.38	-20.71	97.09	64.27	32.23	6.52	26.64	100	224	P	H	
		5712.4	89.6	-19.07	108.67	77.38	32.32	6.54	26.64	100	224	P	H	
		5721.8	87.53	-27.37	114.9	75.3	32.34	6.54	26.65	100	224	P	H	
	*	5745	118.5	-	-	106.21	32.39	6.56	26.66	100	224	P	H	
	*	5745	109.17	-	-	96.88	32.39	6.56	26.66	100	224	A	H	
			5644.6	56.2	-12	68.2	44.34	32	6.48	26.62	100	223	P	V
			5694	73.87	-26.91	100.78	61.73	32.26	6.52	26.64	100	223	P	V
			5714.4	82.2	-27.03	109.23	69.98	32.33	6.54	26.65	100	223	P	V
			5721	84.95	-28.13	113.08	72.72	32.34	6.54	26.65	100	223	P	V
		*	5745	113.47	-	-	101.18	32.39	6.56	26.66	100	223	P	V
		*	5745	104.35	-	-	92.06	32.39	6.56	26.66	100	223	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 106/54 CH 165 5825MHz	*	5825	121.18	-	-	108.74	32.5	6.63	26.69	100	221	P	H	
	*	5825	110.4	-	-	97.96	32.5	6.63	26.69	100	221	A	H	
		5853	92.28	-23.08	115.36	79.82	32.52	6.64	26.7	100	221	P	H	
		5855.2	90.07	-20.67	110.74	77.59	32.53	6.65	26.7	100	221	P	H	
		5881.8	82.23	-17.92	100.15	69.59	32.69	6.66	26.71	100	221	P	H	
		5933.4	67.1	-1.1	68.2	54.26	32.87	6.7	26.73	100	221	P	H	
	*	5825	116.94	-	-	104.5	32.5	6.63	26.69	100	230	P	V	
	*	5825	107.59	-	-	95.15	32.5	6.63	26.69	100	230	A	V	
		5854.4	88.68	-23.49	112.17	76.2	32.53	6.65	26.7	100	230	P	V	
		5855.4	87.76	-22.93	110.69	75.28	32.53	6.65	26.7	100	230	P	V	
		5875.2	81.13	-23.92	105.05	68.53	32.65	6.66	26.71	100	230	P	V	
		5925	66.32	-1.88	68.2	53.51	32.85	6.69	26.73	100	230	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz
WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 151 5755MHz		5642.6	65	-3.2	68.2	53.14	32	6.48	26.62	103	236	P	H	
		5693	72.8	-27.24	100.04	60.66	32.26	6.52	26.64	103	236	P	H	
		5714.2	82.62	-26.56	109.18	70.4	32.33	6.54	26.65	103	236	P	H	
		5723	79.98	-37.66	117.64	67.74	32.35	6.54	26.65	103	236	P	H	
	*	5755	114.01	-	-	101.69	32.41	6.57	26.66	103	236	P	H	
	*	5755	103.76	-	-	91.44	32.41	6.57	26.66	103	236	A	H	
		5854.6	65.66	-46.05	111.71	53.18	32.53	6.65	26.7	103	236	P	H	
		5855.2	65.37	-45.37	110.74	52.89	32.53	6.65	26.7	103	236	P	H	
		5875	62.15	-43.05	105.2	49.55	32.65	6.66	26.71	103	236	P	H	
		5925	58.75	-9.45	68.2	45.94	32.85	6.69	26.73	103	236	P	H	
			5643.4	61.34	-6.86	68.2	49.48	32	6.48	26.62	100	231	P	V
			5693.4	70.52	-29.81	100.33	58.38	32.26	6.52	26.64	100	231	P	V
			5711.6	72.73	-35.72	108.45	60.52	32.32	6.53	26.64	100	231	P	V
			5722.4	75.35	-40.92	116.27	63.12	32.34	6.54	26.65	100	231	P	V
	*		5755	109.12	-	-	96.8	32.41	6.57	26.66	100	231	P	V
	*		5755	99.67	-	-	87.35	32.41	6.57	26.66	100	231	A	V
			5855	64.73	-46.07	110.8	52.25	32.53	6.65	26.7	100	231	P	V
		5862.8	63.84	-44.77	108.61	51.32	32.58	6.65	26.71	100	231	P	V	
		5892.2	59.99	-32.45	92.44	47.29	32.75	6.67	26.72	100	231	P	V	
		5925.2	58.08	-10.12	68.2	45.27	32.85	6.69	26.73	100	231	P	V	



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5644.8	62.69	-5.51	68.2	50.83	32	6.48	26.62	100	237	P	H
		5692.8	68.54	-31.35	99.89	56.4	32.26	6.52	26.64	100	237	P	H
		5715.2	72.35	-37.11	109.46	60.13	32.33	6.54	26.65	100	237	P	H
		5723.4	76.58	-41.97	118.55	64.34	32.35	6.54	26.65	100	237	P	H
	*	5795	114.15	-	-	101.73	32.49	6.61	26.68	100	237	P	H
	*	5795	103.84	-	-	91.42	32.49	6.61	26.68	100	237	A	H
		5854.6	73.1	-38.61	111.71	60.62	32.53	6.65	26.7	100	237	P	H
		5855.6	75.61	-35.02	110.63	63.13	32.53	6.65	26.7	100	237	P	H
		5875.4	68.11	-36.79	104.9	55.51	32.65	6.66	26.71	100	237	P	H
		5936.6	63.79	-4.41	68.2	50.95	32.87	6.7	26.73	100	237	P	H
802.11ax													
HE40 Full													
CH 159		5643.4	58.27	-9.93	68.2	46.41	32	6.48	26.62	100	231	P	V
5795MHz		5692.6	63.98	-35.76	99.74	51.84	32.26	6.52	26.64	100	231	P	V
		5719	65.99	-44.53	110.52	53.76	32.34	6.54	26.65	100	231	P	V
		5724.6	69.65	-51.64	121.29	57.4	32.35	6.55	26.65	100	231	P	V
	*	5795	109.77	-	-	97.35	32.49	6.61	26.68	100	231	P	V
	*	5795	99.86	-	-	87.44	32.49	6.61	26.68	100	231	A	V
		5852.2	71.2	-45.98	117.18	58.75	32.51	6.64	26.7	100	231	P	V
		5864.4	69.96	-38.21	108.17	57.43	32.59	6.65	26.71	100	231	P	V
		5875.4	66.88	-38.02	104.9	54.28	32.65	6.66	26.71	100	231	P	V
		5925.8	60.46	-7.74	68.2	47.65	32.85	6.69	26.73	100	231	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 159 5795MHz		11590	45.01	-28.99	74	50.64	40.02	10.42	56.07	-	-	P	H	
		17385	47.96	-20.24	68.2	50.91	40.88	13.02	56.85	-	-	P	H	
	Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11ax HE40_Partial 242 (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5636.8	64.9	-3.3	68.2	53.04	32	6.47	26.61	100	232	P	H
		5694.4	79.28	-21.79	101.07	67.13	32.27	6.52	26.64	100	232	P	H
		5714.2	79.93	-29.25	109.18	67.71	32.33	6.54	26.65	100	232	P	H
		5724.2	80.51	-39.87	120.38	68.26	32.35	6.55	26.65	100	232	P	H
	*	5755	114.5	-	-	102.18	32.41	6.57	26.66	100	232	P	H
	*	5755	105.01	-	-	92.69	32.41	6.57	26.66	100	232	A	H
		5850.2	64.79	-56.95	121.74	52.35	32.5	6.64	26.7	100	232	P	H
		5860.8	64.16	-45.01	109.17	51.65	32.56	6.65	26.7	100	232	P	H
		5883.4	64.68	-34.28	98.96	52.03	32.7	6.66	26.71	100	232	P	H
		5925.2	60.56	-7.64	68.2	47.75	32.85	6.69	26.73	100	232	P	H
802.11ax													
HE40													
Partial													
242/61		5624.8	61.1	-7.1	68.2	49.25	32	6.46	26.61	100	233	P	V
CH 151		5693.2	74.39	-25.8	100.19	62.25	32.26	6.52	26.64	100	233	P	V
5755MHz		5713.8	74.88	-34.19	109.07	62.66	32.33	6.54	26.65	100	233	P	V
		5722.8	75.63	-41.55	117.18	63.39	32.35	6.54	26.65	100	233	P	V
	*	5755	110.57	-	-	98.25	32.41	6.57	26.66	100	233	P	V
	*	5755	100.33	-	-	88.01	32.41	6.57	26.66	100	233	A	V
		5853.8	61.18	-52.36	113.54	48.72	32.52	6.64	26.7	100	233	P	V
		5874.4	64.18	-41.19	105.37	51.58	32.65	6.66	26.71	100	233	P	V
		5890	61.57	-32.5	94.07	48.88	32.74	6.67	26.72	100	233	P	V
		5928.4	57.3	-10.9	68.2	44.48	32.86	6.69	26.73	100	233	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 242/62 CH 159 5795MHz		5644.8	67.15	-1.05	68.2	55.29	32	6.48	26.62	100	236	P	H	
		5679.6	73.14	-17	90.14	61.08	32.18	6.51	26.63	100	236	P	H	
		5719.6	76.04	-34.65	110.69	63.81	32.34	6.54	26.65	100	236	P	H	
		5721.4	75.24	-38.75	113.99	63.01	32.34	6.54	26.65	100	236	P	H	
	*	5795	114.56	-	-	102.14	32.49	6.61	26.68	100	236	P	H	
	*	5795	105.46	-	-	93.04	32.49	6.61	26.68	100	236	A	H	
		5855	80.92	-29.88	110.8	68.44	32.53	6.65	26.7	100	236	P	H	
		5855	80.92	-29.88	110.8	68.44	32.53	6.65	26.7	100	236	P	H	
		5875.4	75.11	-29.79	104.9	62.51	32.65	6.66	26.71	100	236	P	H	
		5935	65.69	-2.51	68.2	52.85	32.87	6.7	26.73	100	236	P	H	
			5648.6	61.22	-6.98	68.2	49.36	32	6.48	26.62	100	231	P	V
			5684	66.79	-26.61	93.4	54.71	32.2	6.51	26.63	100	231	P	V
			5717.4	65.58	-44.49	110.07	53.36	32.33	6.54	26.65	100	231	P	V
			5723.2	70.85	-47.25	118.1	58.61	32.35	6.54	26.65	100	231	P	V
	*		5795	111.57	-	-	99.15	32.49	6.61	26.68	100	231	P	V
	*		5795	101.99	-	-	89.57	32.49	6.61	26.68	100	231	A	V
			5855	77.14	-33.66	110.8	64.66	32.53	6.65	26.7	100	231	P	V
			5855	77.14	-33.66	110.8	64.66	32.53	6.65	26.7	100	231	P	V
		5878.4	69.79	-32.88	102.67	57.17	32.67	6.66	26.71	100	231	P	V	
		5925	63.45	-4.75	68.2	50.64	32.85	6.69	26.73	100	231	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz
WIFI 802.11ax HE80_Full (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5634.8	65.54	-2.66	68.2	53.68	32	6.47	26.61	100	237	P	H
		5684.4	69.32	-24.37	93.69	57.23	32.21	6.51	26.63	100	237	P	H
		5705	74.5	-32.1	106.6	62.3	32.31	6.53	26.64	100	237	P	H
		5722.6	71.6	-45.13	116.73	59.36	32.35	6.54	26.65	100	237	P	H
	*	5775	109.68	-	-	97.31	32.45	6.59	26.67	100	237	P	H
	*	5775	99.61	-	-	87.24	32.45	6.59	26.67	100	237	A	H
		5855	67.76	-43.04	110.8	55.28	32.53	6.65	26.7	100	237	P	H
		5872.4	68.06	-37.87	105.93	55.48	32.63	6.66	26.71	100	237	P	H
		5875.8	66.56	-38.05	104.61	53.96	32.65	6.66	26.71	100	237	P	H
		5931.8	62.77	-5.43	68.2	49.94	32.86	6.7	26.73	100	237	P	H
802.11ax HE80 Full CH 155 5775MHz													
		5624.6	61.58	-6.62	68.2	49.73	32	6.46	26.61	100	233	P	V
		5682.6	65.3	-27.06	92.36	53.22	32.2	6.51	26.63	100	233	P	V
		5702	66.98	-38.78	105.76	54.79	32.3	6.53	26.64	100	233	P	V
		5721.4	67.08	-46.91	113.99	54.85	32.34	6.54	26.65	100	233	P	V
	*	5775	105.18	-	-	92.81	32.45	6.59	26.67	100	233	P	V
	*	5775	96.02	-	-	83.65	32.45	6.59	26.67	100	233	A	V
		5851.6	64.55	-54	118.55	52.1	32.51	6.64	26.7	100	233	P	V
		5874.2	63.74	-41.68	105.42	51.14	32.65	6.66	26.71	100	233	P	V
		5883.8	63.14	-35.53	98.67	50.49	32.7	6.66	26.71	100	233	P	V
		5930.2	59.51	-8.69	68.2	46.69	32.86	6.69	26.73	100	233	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11ax HE80_Full (Harmonic @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 155 5775MHz		11550	45.56	-28.44	74	51.13	40.1	10.4	56.07	-	-	P	H
		17325	48.03	-20.17	68.2	51.42	40.4	12.95	56.74	-	-	P	H
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.											



Band 4 5725~5850MHz
WIFI 802.11ax HE80_Partial 484 (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5650.6	66.09	-2.56	68.65	54.23	32	6.48	26.62	101	238	P	H
		5663.8	71.29	-7.15	78.44	59.35	32.08	6.49	26.63	101	238	P	H
		5689.2	81.97	-15.27	97.24	69.85	32.24	6.52	26.64	101	238	P	H
		5715	85.32	-24.08	109.4	73.1	32.33	6.54	26.65	101	238	P	H
	*	5775	115.2	-	-	102.83	32.45	6.59	26.67	101	238	P	H
	*	5775	105.09	-	-	92.72	32.45	6.59	26.67	101	238	A	H
		5850	77.03	-45.17	122.2	64.59	32.5	6.64	26.7	101	238	P	H
		5860.6	77.57	-31.66	109.23	65.06	32.56	6.65	26.7	101	238	P	H
		5880	70.8	-30.69	101.49	58.17	32.68	6.66	26.71	101	238	P	H
		5925.8	59.36	-8.84	68.2	46.55	32.85	6.69	26.73	101	238	P	H
802.11ax HE80 Partial 484/65 CH 155 5775MHz													
		5623	59.67	-8.53	68.2	47.82	32	6.46	26.61	100	229	P	V
		5689	77.07	-20.02	97.09	64.96	32.23	6.52	26.64	100	229	P	V
		5719.4	79.88	-30.75	110.63	67.65	32.34	6.54	26.65	100	229	P	V
		5722.2	82.83	-32.99	115.82	70.6	32.34	6.54	26.65	100	229	P	V
	*	5775	110.62	-	-	98.25	32.45	6.59	26.67	100	229	P	V
	*	5775	100.51	-	-	88.14	32.45	6.59	26.67	100	229	A	V
		5853.2	74.58	-40.32	114.9	62.12	32.52	6.64	26.7	100	229	P	V
		5859	75.17	-34.51	109.68	62.67	32.55	6.65	26.7	100	229	P	V
		5884.2	66.67	-31.7	98.37	54.01	32.71	6.66	26.71	100	229	P	V
		5928.2	56.8	-11.4	68.2	43.98	32.86	6.69	26.73	100	229	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 484/66 CH 155 5775MHz		5648.8	66.08	-2.12	68.2	54.22	32	6.48	26.62	100	235	P	H	
		5679.6	82.7	-7.44	90.14	70.64	32.18	6.51	26.63	100	235	P	H	
		5719.2	86.23	-24.35	110.58	74	32.34	6.54	26.65	100	235	P	H	
		5720.8	85.28	-27.34	112.62	73.05	32.34	6.54	26.65	100	235	P	H	
	*	5775	113.41	-	-	101.04	32.45	6.59	26.67	100	235	P	H	
	*	5775	104.43	-	-	92.06	32.45	6.59	26.67	100	235	A	H	
		5854.6	72.13	-39.58	111.71	59.65	32.53	6.65	26.7	100	235	P	H	
		5864.8	77.1	-30.95	108.05	64.57	32.59	6.65	26.71	100	235	P	H	
		5880.2	71.44	-29.9	101.34	58.81	32.68	6.66	26.71	100	235	P	H	
		5934.8	59.98	-8.22	68.2	47.14	32.87	6.7	26.73	100	235	P	H	
			5649.2	60.89	-7.31	68.2	49.03	32	6.48	26.62	100	226	P	V
			5698.2	76.2	-27.67	103.87	64.03	32.29	6.52	26.64	100	226	P	V
			5719	81.36	-29.16	110.52	69.13	32.34	6.54	26.65	100	226	P	V
			5723.6	80.46	-38.55	119.01	68.21	32.35	6.55	26.65	100	226	P	V
	*		5775	110.35	-	-	97.98	32.45	6.59	26.67	100	226	P	V
	*		5775	100.23	-	-	87.86	32.45	6.59	26.67	100	226	A	V
			5851.2	69.23	-50.23	119.46	56.78	32.51	6.64	26.7	100	226	P	V
		5858.8	76.9	-32.83	109.73	64.4	32.55	6.65	26.7	100	226	P	V	
		5880.4	65.39	-35.8	101.19	52.76	32.68	6.66	26.71	100	226	P	V	
		5925.4	57.92	-10.28	68.2	45.11	32.85	6.69	26.73	100	226	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission below 1GHz

5GHz WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ax HE20 Full LF		65.89	24.8	-15.2	40	44.13	12.07	0.9	32.3	-	-	P	H	
		89.17	24.32	-19.18	43.5	40.93	14.69	1.01	32.31	-	-	P	H	
		178.41	23.52	-19.98	43.5	39.37	15.17	1.25	32.27	-	-	P	H	
		414.12	23.18	-22.82	46	30.9	22.55	1.91	32.18	-	-	P	H	
		640.13	28.5	-17.5	46	32.05	26.42	2.25	32.22	-	-	P	H	
		752.65	29.92	-16.08	46	31.75	27.99	2.33	32.15	-	-	P	H	
			43.58	33.87	-6.13	40	47.6	17.89	0.78	32.4	-	-	P	V
			178.41	22.92	-20.58	43.5	38.77	15.17	1.25	32.27	-	-	P	V
			353.01	21.68	-24.32	46	31.43	20.67	1.73	32.15	-	-	P	V
			470.38	25.09	-20.91	46	31.58	23.67	2	32.16	-	-	P	V
			642.07	27.19	-18.81	46	30.74	26.41	2.26	32.22	-	-	P	V
		855.47	30.8	-15.2	46	30.72	29.23	2.6	31.75	-	-	P	V	

Remark

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



<Sample 2>

Band 4 - 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 106/54 CH 165 5825MHz	*	5825	118.31	-	-	105.87	32.5	6.63	26.69	101	240	P	H	
	*	5825	109.85	-	-	97.41	32.5	6.63	26.69	101	240	A	H	
		5850.6	91.75	-29.08	120.83	79.31	32.5	6.64	26.7	101	240	P	H	
		5857.4	92.78	-17.35	110.13	80.29	32.54	6.65	26.7	101	240	P	H	
		5878.6	83.99	-18.54	102.53	71.37	32.67	6.66	26.71	101	240	P	H	
		5925	65.8	-2.4	68.2	52.99	32.85	6.69	26.73	101	240	P	H	
	*	5825	113.79	-	-	101.35	32.5	6.63	26.69	100	241	P	V	
	*	5825	105.24	-	-	92.8	32.5	6.63	26.69	100	241	A	V	
		5850.6	85.41	-35.42	120.83	72.97	32.5	6.64	26.7	100	241	P	V	
		5856	88.62	-21.9	110.52	76.13	32.54	6.65	26.7	100	241	P	V	
		5877	82.3	-21.41	103.71	69.69	32.66	6.66	26.71	100	241	P	V	
		5937.4	61.07	-7.13	68.2	48.23	32.87	6.7	26.73	100	241	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



<TXBF Mode>

<Sample 1>

Band 4 - 5725~5850MHz

WIFI 802.11ax HE20_Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg. (P/A)	(H/V)	
802.11ax HE20 Full CH 149 5745MHz		5642.6	66.82	-1.38	68.2	54.96	32	6.48	26.62	100	228	P	H	
		5699.2	80.18	-24.43	104.61	68	32.3	6.52	26.64	100	228	P	H	
		5713	84.5	-24.34	108.84	72.28	32.33	6.54	26.65	100	228	P	H	
		5725	91.72	-30.48	122.2	79.47	32.35	6.55	26.65	100	228	P	H	
	*	5745	115.9	-	-	103.61	32.39	6.56	26.66	100	228	P	H	
	*	5745	105.64	-	-	93.35	32.39	6.56	26.66	100	228	A	H	
			5646	65.22	-2.98	68.2	53.36	32	6.48	26.62	100	236	P	V
			5700	78.2	-27	105.2	66.01	32.3	6.53	26.64	100	236	P	V
			5719.8	83.29	-27.45	110.74	71.06	32.34	6.54	26.65	100	236	P	V
			5724.8	85.87	-35.87	121.74	73.62	32.35	6.55	26.65	100	236	P	V
	*		5745	112.22	-	-	99.93	32.39	6.56	26.66	100	236	P	V
	*		5745	102.41	-	-	90.12	32.39	6.56	26.66	100	236	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5645.2	61.94	-6.26	68.2	50.08	32	6.48	26.62	100	240	P	H
		5694.8	73	-28.37	101.37	60.85	32.27	6.52	26.64	100	240	P	H
		5714.6	76.24	-33.05	109.29	64.02	32.33	6.54	26.65	100	240	P	H
		5722.2	77.27	-38.55	115.82	65.04	32.34	6.54	26.65	100	240	P	H
	*	5785	116.1	-	-	103.7	32.47	6.6	26.67	100	240	P	H
	*	5785	106.44	-	-	94.04	32.47	6.6	26.67	100	240	A	H
		5852.6	54.5	-61.77	116.27	42.04	32.52	6.64	26.7	100	240	P	H
		5858.8	54.96	-54.77	109.73	42.46	32.55	6.65	26.7	100	240	P	H
		5901.8	56.1	-29.23	85.33	43.34	32.8	6.68	26.72	100	240	P	H
		5926.2	54.36	-13.84	68.2	41.55	32.85	6.69	26.73	100	240	P	H
802.11ax													
HE20 Full													
CH 157													
5785MHz		5639.2	53	-15.2	68.2	41.15	32	6.47	26.62	100	231	P	V
		5657.2	53.62	-19.93	73.55	41.71	32.04	6.49	26.62	100	231	P	V
		5718.2	55.33	-54.97	110.3	43.1	32.34	6.54	26.65	100	231	P	V
		5721.4	54.7	-59.29	113.99	42.47	32.34	6.54	26.65	100	231	P	V
	*	5785	112.46	-	-	100.06	32.47	6.6	26.67	100	231	P	V
	*	5785	102.82	-	-	90.42	32.47	6.6	26.67	100	231	A	V
		5853.8	53.72	-59.82	113.54	41.26	32.52	6.64	26.7	100	231	P	V
		5858.2	52.87	-57.03	109.9	40.37	32.55	6.65	26.7	100	231	P	V
		5887.4	53.95	-42.04	95.99	41.27	32.72	6.67	26.71	100	231	P	V
		5938	53.86	-14.34	68.2	41.02	32.88	6.7	26.74	100	231	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz	*	5825	116.87	-	-	104.43	32.5	6.63	26.69	100	235	P	H	
	*	5825	106.39	-	-	93.95	32.5	6.63	26.69	100	235	A	H	
		5850	84.69	-37.51	122.2	72.25	32.5	6.64	26.7	100	235	P	H	
		5856.4	77.5	-32.91	110.41	65.01	32.54	6.65	26.7	100	235	P	H	
		5875.2	62.48	-42.57	105.05	49.88	32.65	6.66	26.71	100	235	P	H	
		5949.4	53.68	-14.52	68.2	40.81	32.9	6.71	26.74	100	235	P	H	
	*	5825	112.9	-	-	100.46	32.5	6.63	26.69	100	228	P	V	
	*	5825	103.01	-	-	90.57	32.5	6.63	26.69	100	228	A	V	
		5850.4	80.89	-40.4	121.29	68.45	32.5	6.64	26.7	100	228	P	V	
		5856.6	74.99	-35.36	110.35	62.5	32.54	6.65	26.7	100	228	P	V	
		5876	60.37	-44.09	104.46	47.76	32.66	6.66	26.71	100	228	P	V	
		5940.4	53.81	-14.39	68.2	40.97	32.88	6.7	26.74	100	228	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 157 5785MHz		11570	45.74	-28.26	74	51.34	40.06	10.41	56.07	-	-	P	H	
		17355	47.03	-21.17	68.2	50.19	40.64	12.99	56.79	-	-	P	H	
			11570	45.49	-28.51	74	51.09	40.06	10.41	56.07	-	-	P	V
			17355	48.15	-20.05	68.2	51.31	40.64	12.99	56.79	-	-	P	V



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 165 5825MHz		11650	45.99	-28.01	74	51.81	39.8	10.45	56.07	-	-	P	H	
		17475	48.16	-20.04	68.2	50.75	41.3	13.12	57.01	-	-	P	H	
	Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5638.4	62.15	-6.05	68.2	50.3	32	6.47	26.62	105	231	P	H
		5699.8	72.43	-32.62	105.05	60.25	32.3	6.52	26.64	105	231	P	H
		5717.6	87.7	-22.43	110.13	75.47	32.34	6.54	26.65	105	231	P	H
		5724.2	90.24	-30.14	120.38	77.99	32.35	6.55	26.65	105	231	P	H
	*	5755	113.13	-	-	100.81	32.41	6.57	26.66	105	231	P	H
	*	5755	103.76	-	-	91.44	32.41	6.57	26.66	105	231	A	H
		5852.4	59.68	-57.05	116.73	47.23	32.51	6.64	26.7	105	231	P	H
		5855.2	58.39	-52.35	110.74	45.91	32.53	6.65	26.7	105	231	P	H
		5875.4	55.45	-49.45	104.9	42.85	32.65	6.66	26.71	105	231	P	H
		5928.8	53.39	-14.81	68.2	40.57	32.86	6.69	26.73	105	231	P	H
802.11ax													
HE40 Full													
CH 151													
5755MHz		5647.6	56.7	-11.5	68.2	44.84	32	6.48	26.62	100	230	P	V
		5693.4	70.3	-30.03	100.33	58.16	32.26	6.52	26.64	100	230	P	V
		5718.6	87.35	-23.06	110.41	75.12	32.34	6.54	26.65	100	230	P	V
		5723.6	87.59	-31.42	119.01	75.34	32.35	6.55	26.65	100	230	P	V
	*	5755	110.1	-	-	97.78	32.41	6.57	26.66	100	230	P	V
	*	5755	100.11	-	-	87.79	32.41	6.57	26.66	100	230	A	V
		5854.6	57.61	-54.1	111.71	45.13	32.53	6.65	26.7	100	230	P	V
		5859.4	58.07	-51.5	109.57	45.56	32.56	6.65	26.7	100	230	P	V
		5885.6	54.54	-42.79	97.33	41.87	32.71	6.67	26.71	100	230	P	V
		5946	53.49	-14.71	68.2	40.64	32.89	6.7	26.74	100	230	P	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5644.2	62.89	-5.31	68.2	51.03	32	6.48	26.62	101	234	P	H
		5697.2	61.64	-41.5	103.14	49.48	32.28	6.52	26.64	101	234	P	H
		5719.2	67.04	-43.54	110.58	54.81	32.34	6.54	26.65	101	234	P	H
		5724.2	70	-50.38	120.38	57.75	32.35	6.55	26.65	101	234	P	H
	*	5795	113.75	-	-	101.33	32.49	6.61	26.68	101	234	P	H
	*	5795	103.7	-	-	91.28	32.49	6.61	26.68	101	234	A	H
		5851	73.98	-45.94	119.92	61.53	32.51	6.64	26.7	101	234	P	H
		5856.6	71.95	-38.4	110.35	59.46	32.54	6.65	26.7	101	234	P	H
		5877	63.77	-39.94	103.71	51.16	32.66	6.66	26.71	101	234	P	H
		5948.6	59.55	-8.65	68.2	46.68	32.9	6.71	26.74	101	234	P	H
802.11ax													
HE40 Full													
CH 159													
5795MHz		5648.4	54.94	-13.26	68.2	43.08	32	6.48	26.62	101	233	P	V
		5696.4	61.66	-40.89	102.55	49.5	32.28	6.52	26.64	101	233	P	V
		5720	62.24	-48.56	110.8	50.01	32.34	6.54	26.65	101	233	P	V
		5722.6	64.96	-51.77	116.73	52.72	32.35	6.54	26.65	101	233	P	V
	*	5795	110.51	-	-	98.09	32.49	6.61	26.68	101	233	P	V
	*	5795	100.13	-	-	87.71	32.49	6.61	26.68	101	233	A	V
		5850	72.37	-49.83	122.2	59.93	32.5	6.64	26.7	101	233	P	V
		5856.4	68.68	-41.73	110.41	56.19	32.54	6.65	26.7	101	233	P	V
		5880.2	60.64	-40.7	101.34	48.01	32.68	6.66	26.71	101	233	P	V
		5937.2	53.62	-14.58	68.2	40.78	32.87	6.7	26.73	101	233	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WiFi Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 159 5795MHz		11590	45.47	-28.53	74	51.1	40.02	10.42	56.07	-	-	P	H	
		17385	48.43	-19.77	68.2	51.38	40.88	13.02	56.85	-	-	P	H	
	Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11ax HE80_Full (Band Edge @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5638.2	59.61	-8.59	68.2	47.76	32	6.47	26.62	100	236	P	H
		5653	63.95	-6.48	70.43	52.06	32.02	6.49	26.62	100	236	P	H
		5704	72.09	-34.23	106.32	59.89	32.31	6.53	26.64	100	236	P	H
		5724.8	75.14	-46.6	121.74	62.89	32.35	6.55	26.65	100	236	P	H
	*	5775	107.64	-	-	95.27	32.45	6.59	26.67	100	236	P	H
	*	5775	97.96	-	-	85.59	32.45	6.59	26.67	100	236	A	H
		5851	64.14	-55.78	119.92	51.69	32.51	6.64	26.7	100	236	P	H
		5871.6	75.04	-31.11	106.15	62.46	32.63	6.66	26.71	100	236	P	H
		5903.4	65.35	-18.8	84.15	52.58	32.81	6.68	26.72	100	236	P	H
		5931.2	63.57	-4.63	68.2	50.74	32.86	6.7	26.73	100	236	P	H
802.11ax HE80 Full CH 155 5775MHz													
		5637.2	56.29	-11.91	68.2	44.43	32	6.47	26.61	101	231	P	V
		5688.8	59.09	-37.85	96.94	46.98	32.23	6.52	26.64	101	231	P	V
		5719.8	62.63	-48.11	110.74	50.4	32.34	6.54	26.65	101	231	P	V
		5724.8	63.15	-58.59	121.74	50.9	32.35	6.55	26.65	101	231	P	V
	*	5775	104.38	-	-	92.01	32.45	6.59	26.67	101	231	P	V
	*	5775	95.24	-	-	82.87	32.45	6.59	26.67	101	231	A	V
		5853.6	58.89	-55.1	113.99	46.43	32.52	6.64	26.7	101	231	P	V
		5861.2	70.6	-38.46	109.06	58.08	32.57	6.65	26.7	101	231	P	V
		5901.2	62.8	-22.97	85.77	50.04	32.8	6.68	26.72	101	231	P	V
		5932.8	54.28	-13.92	68.2	41.44	32.87	6.7	26.73	101	231	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11ax HE80_Full (Harmonic @ 3m)

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 155 5775MHz		11550	45.93	-28.07	74	51.5	40.1	10.4	56.07	-	-	P	H
		17325	47.55	-20.65	68.2	50.94	40.4	12.95	56.74	-	-	P	H
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		11213	48.14	-25.86	74	59.06	39.72	17.65	68.29	-	-	P	H
CH 149		11213	37.67	-16.33	54	48.59	39.72	17.65	68.29	-	-	A	H
5745MHz													

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

For Peak Limit @ 11213MHz:

1. Level(dBμV/m)
 - = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 - = 39.72(dB/m) + 17.65(dB) + 59.06(dBμV) – 68.29 (dB)
 - = 48.14 (dBμV/m)
2. Margin(dB)
 - = Level(dBμV/m) – Limit Line(dBμV/m)
 - = 48.14(dBμV/m) – 74(dBμV/m)
 - = -25.86(dB)

For Average Limit @ 11213MHz:

1. Level(dBμV/m)
 - = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 - = 39.72(dB/m) + 17.65(dB) + 48.59(dBμV) – 68.29 (dB)
 - = 37.67 (dBμV/m)
2. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 - = 37.67(dBμV/m) – 54(dBμV/m)
 - = -16.33(dB)

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Mancy Chou, Jacky Hong and Rain Lee	Temperature :	20~25°C
		Relative Humidity :	50~60%

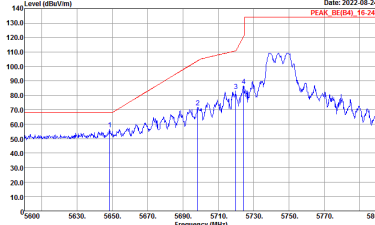
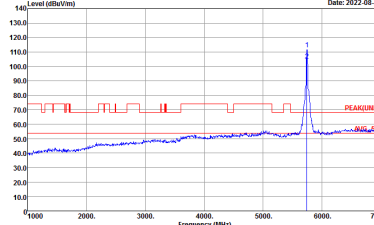
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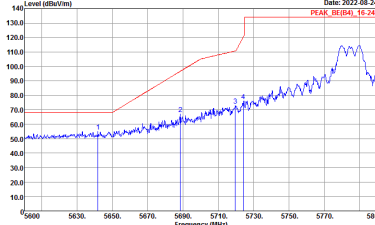
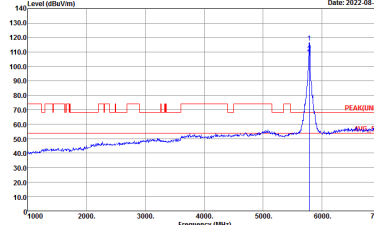
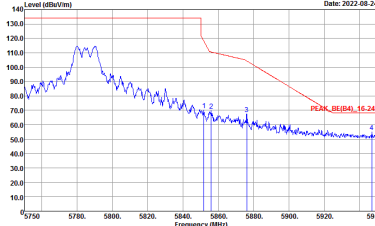
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
9+8	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH113-14Y Condition : PEAK_85(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH113-14Y Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-08-24 PEAK(LINE) AUG-24</p> <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

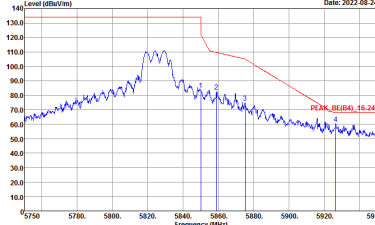
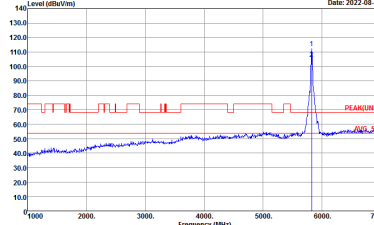


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
9+8	Vertical	Fundamental
Peak	<p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2022-08-24 PEAK(LINE)</p> <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	<p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
9+8	Horizontal	Fundamental
Peak	<div style="display: flex; justify-content: space-around;"> <div data-bbox="383 436 837 705"> <p>Site : 03CH1E-14Y Condition : PEAK_85(B4)_16-24 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> </div> <div data-bbox="853 436 1300 705"> <p>Site : 03CH1E-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> </div> </div>	



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH1E-14Y Condition : PEAK_85(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH1E-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



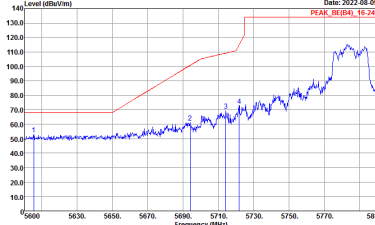
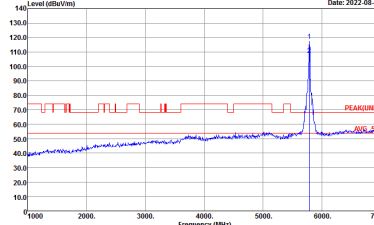
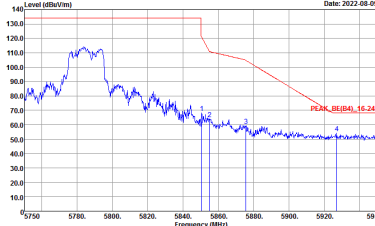
**Band 4 5725~5850MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
9+8	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>

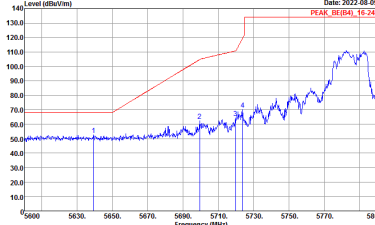
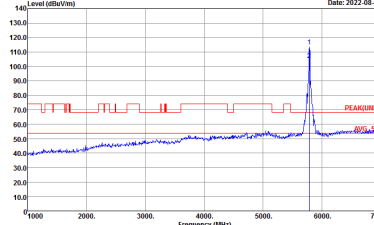
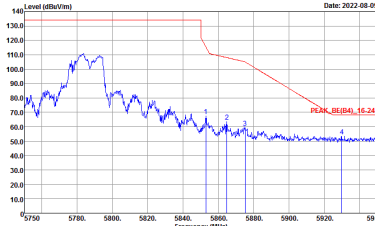


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
9+8	Vertical	Fundamental
Peak	<p>Date: 2022-08-09 PEAK_REGION: [E-24]</p> <p>Site : 03CH13-14Y Condition : PEAK_85[84]_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2022-08-09 PEAKLINE: [E-24]</p> <p>Site : 03CH13-14Y Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-08-09 PEAK(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank


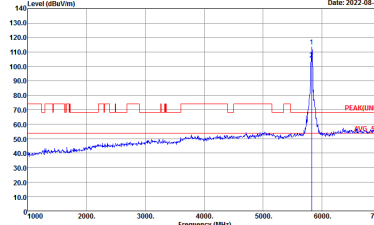


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINB) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



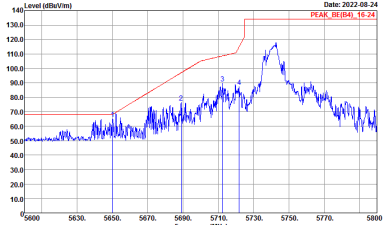
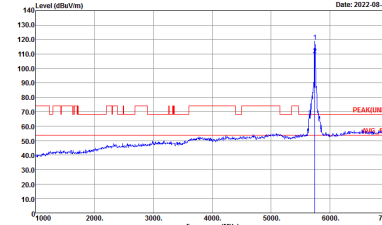
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ANT	802.11ax HE20 Full CH165 5825MHz	
9+8	Horizontal	Fundamental
Peak	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>Site : 03CH1E-14Y Condition : PEAK_85(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> </div> <div style="width: 45%;"> <p>Site : 03CH1E-14Y Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> </div> </div>	



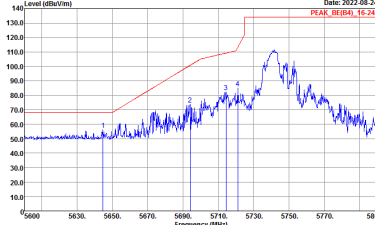
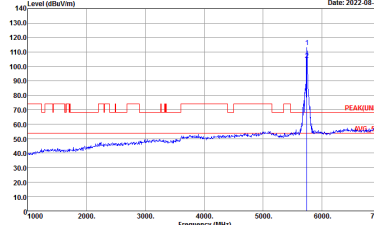
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH1E-14Y Condition : PEAK_8E(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH1E-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



Band 4 5725~5850MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH149 5745MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>


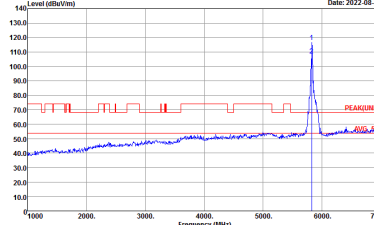


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH149 5745MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH13-14Y Condition : PEAK_8E(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



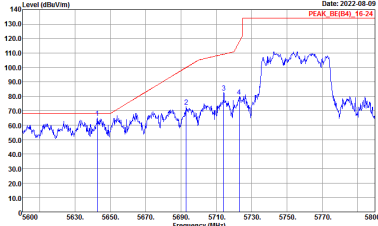
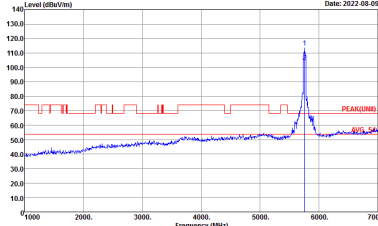
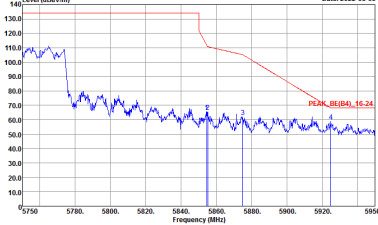
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH165 5825MHz	
9+8	Horizontal	Fundamental
Peak	<p>Site : 03CH1E-14Y Condition : PEAK_8E(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH1E-14Y Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



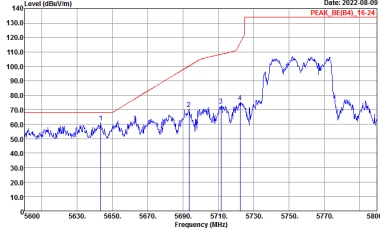
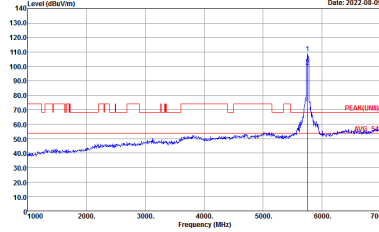
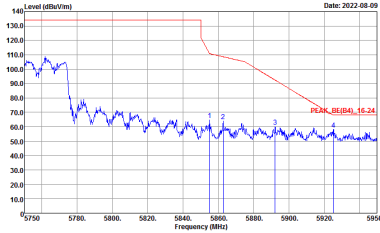
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH165 5825MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH1E-14Y Condition : PEAK_8E(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH1E-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



Band 4 5725~5850MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UB) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

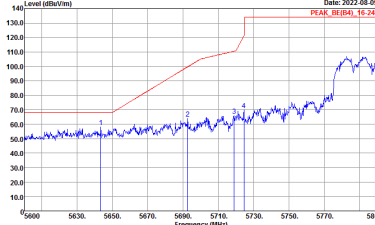
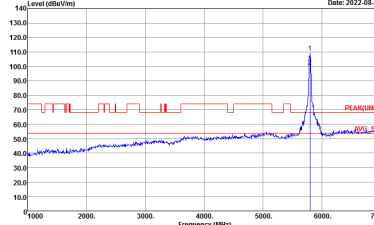
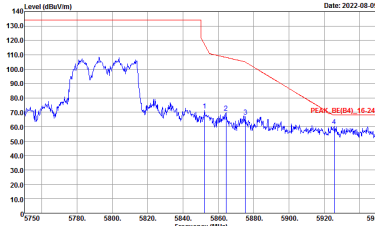


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
9+8	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
9+8	Horizontal	Fundamental
Peak	<p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2022-08-09 PEAK(LIN)</p> <p>Site : 03CH13-HY Condition : PEAK(LIN) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	<p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



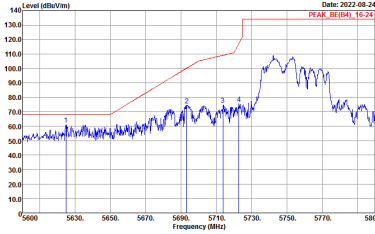
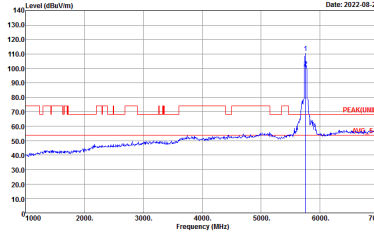
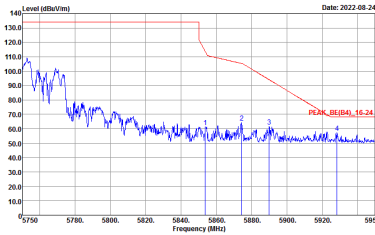
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
9+8	Vertical	Fundamental
Peak	 <p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	 <p>Date: 2022-08-09 PEAK(LIN)</p> <p>Site : 03CH13-HY Condition : PEAK(LIN) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>
Peak	 <p>Date: 2022-08-09 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



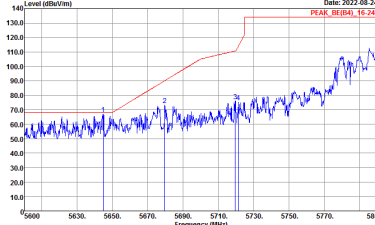
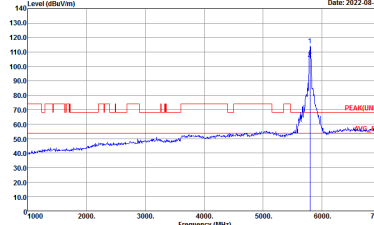
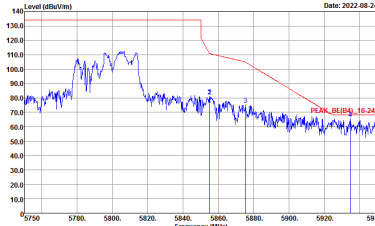
Band 4 5725~5850MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
9+8	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

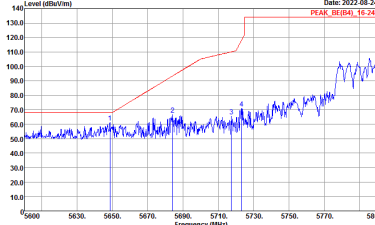
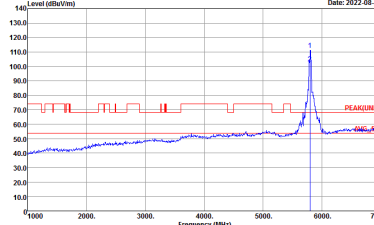
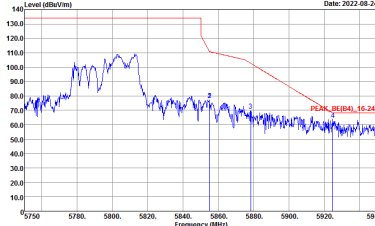


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
9+8	Vertical	Fundamental
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-08-24 PEAK(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



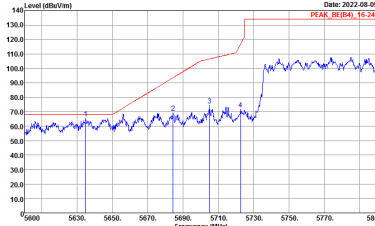
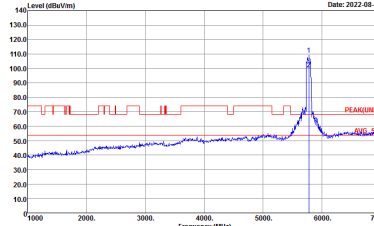
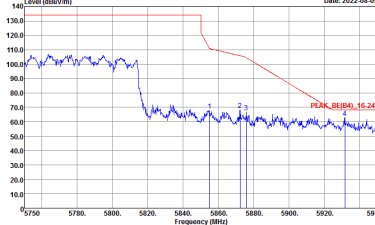
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-08-24 PEAK(B4)</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
9+8	Vertical	Fundamental
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	 <p>Date: 2022-08-24 PEAK(LIN)</p> <p>Site : 03CH13-HY Condition : PEAK(LIN) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>
Peak	 <p>Date: 2022-08-24 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



Band 4 5725~5850MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
9+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank