3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.2
- 7 (Peak)	88.2

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:
Unwanted emissions outside of restricted bands are measured with a RMS detector.
In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

(2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as following 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.

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

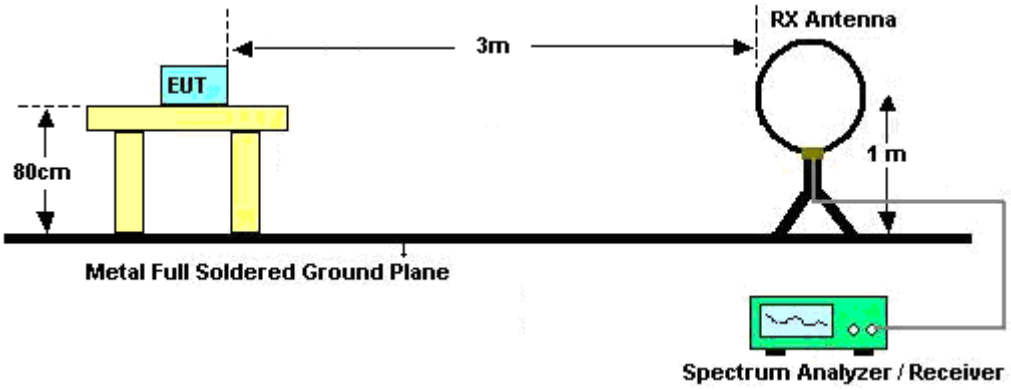
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was placed at distance 3 meter from measurement antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as “-“.

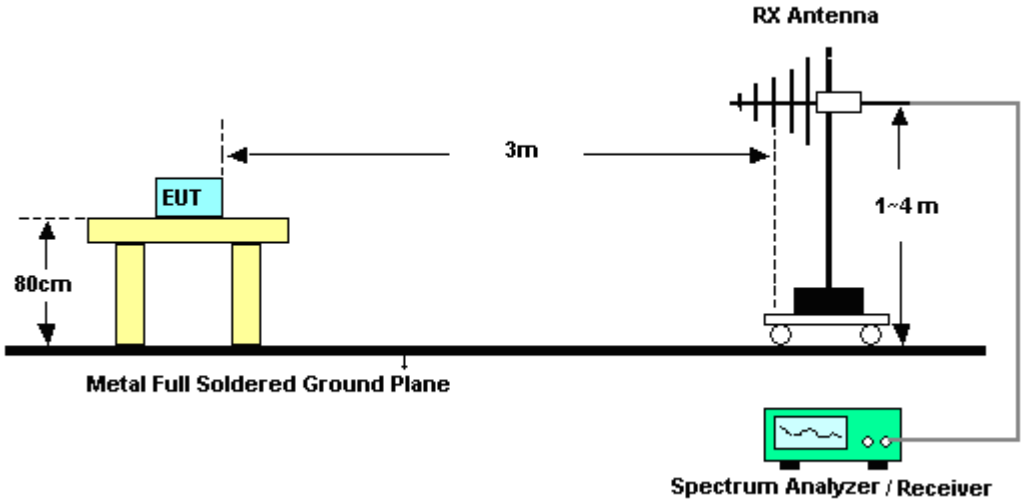
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at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

3.6.4 Test Setup

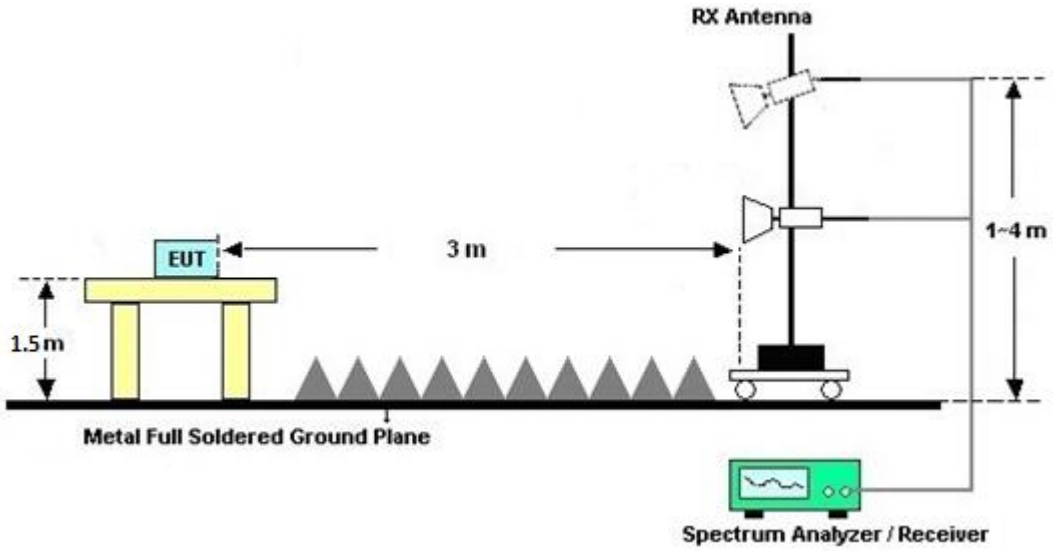
For radiated emissions below 30MHz



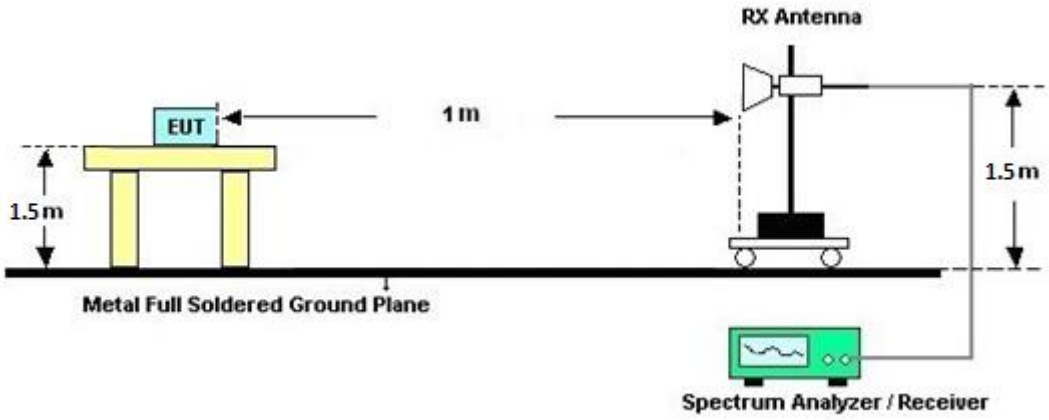
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C 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.

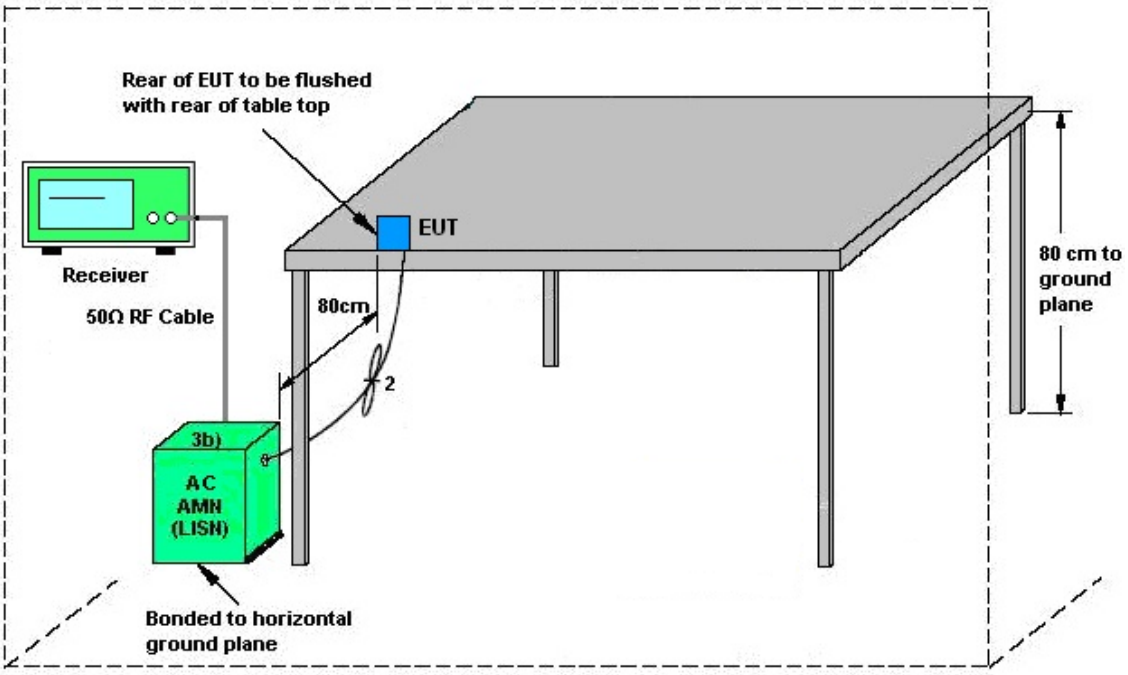
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

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.

3.8.2 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For STBC transmissions, directional gain = G_{ANT}

Band	Chain Port 0 Ant 2 (dBi)	Chain Port 1 Ant 7 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
U-NII-5	3.66	4.18	4.18	4.18
U-NII-6	3.66	4.18	4.18	4.18
U-NII-7	3.66	4.18	4.18	4.18
U-NII-8	3.66	4.18	4.18	4.18

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

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

Array Gain = 10 log(N_{ANT}/N_{SS}=1) dB.

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

The directional gain “DG” is calculated as following table.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the kth antenna.

Band	Chain Port 0 Ant 2 (dBi)	Chain Port 1 Ant 7 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
U-NII-5	3.66	4.18	4.18	6.93
U-NII-6	3.66	4.18	4.18	6.93
U-NII-7	3.66	4.18	4.18	6.93
U-NII-8	3.66	4.18	4.18	6.93

Calculation example:

For the band 5925~6425MHz, the DG for PSD is derived from formula is

10 x log { { [10^ (3.66 dBi / 20) + 10^ (4.18 dBi / 20)] ^ 2 } / 2 }

= 6.93 dBi

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 30, 2021	Sep. 17, 2021 ~ Nov. 03, 2021	Aug. 29, 2022	Conducted (TH01-CA)
UWB Power Sensor	Raditeq	RPR3006W #010	RPR6W-2101003	10MHz-8GHz	Apr. 15, 2021	Sep. 17, 2021 ~ Nov. 03, 2021	Apr. 14, 2022	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 02, 2021	Sep. 17, 2021 ~ Nov. 03, 2021	Jun. 01, 2022	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	Jul. 21, 2021	Oct. 01, 2021 ~ Oct. 19, 20221	Jul. 20, 2022	Conduction (CO01-CA)
LISN	TESEQ	NNB51	47415	N/A	Jun. 30, 2021	Oct. 01, 2021 ~ Oct. 19, 20221	Jun. 29, 2022	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 02, 2021	Oct. 01, 2021 ~ Oct. 19, 20221	Jun. 01, 2022	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jul. 07, 2021	Oct. 01, 2021 ~ Oct. 19, 20221	Jul. 06, 2022	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Oct. 01, 2021 ~ Oct. 19, 20221	N/A	Conduction (CO01-CA)
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 21, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jun. 20, 2022	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Aug. 10, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Aug. 09, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jul. 08, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 07, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 19, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Aug. 08, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	1GHz~18GHz	Mar. 30, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Mar. 29, 2022	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005504	1GHz~18GHz	Jul. 21, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	60725	18GHz-40GHz	Jul. 21, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 05, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Mar. 04, 2022	Radiation (03CH02-CA)
Filter	Warison	WFIL-H8000-25000F-01	WR32BNW2B1	8 GHz High Pass Filter	Jul. 14, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 13, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN10	3 GHz High Pass Filter	Jul. 23, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN1	1.2G Low Pass	Jul. 23, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	Aug. 11, 2021 ~ Oct. 18, 2021	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 11, 2021 ~ Oct. 18, 2021	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 11, 2021 ~ Oct. 18, 2021	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 11, 2021 ~ Oct. 18, 2021	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Aug. 11, 2021 ~ Oct. 18, 2021	N/A	Radiation (03CH02-CA)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Vector Generator	Keysight	N5182B	MY57300963	9kHz~6GHz	Mar. 01, 2021	Nov. 01, 2021~ Dec. 15, 2021	Feb. 28, 2022	DFS (DFS01-CA)
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59360230	9kHz~7.2GHz	May 16, 2021	Nov. 01, 2021~ Dec. 15, 2021	May 15, 2022	DFS (DFS01-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz-44GHz	Mar. 05, 2021	Nov. 01, 2021~ Dec. 15, 2021	Mar. 04, 2022	DFS (DFS01-CA)
2 Way Divider	Woken	0120A02058001M	DDTB6SW5A4	0.5GHz-8GHz	Calibration from System	Nov. 01, 2021~ Dec. 15, 2021	Calibration from System	DFS (DFS01-CA)
4 Way Divider	Woken	0120A04058001M	DDTB6SW3A7	0.5 GHz -8GHz	Calibration from System	Nov. 01, 2021~ Dec. 15, 2021	Calibration from System	DFS (DFS01-CA)
Manual Step Attenuator	Keysight	8496B	MY42151805	DC-18GHz	Calibration from System	Nov. 01, 2021~ Dec. 15, 2021	Calibration from System	DFS (DFS01-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.0 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.4 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Andy Kao / Liliana Gonzalez	Temperature:	21.3~22.6	°C
Test Date:	2021/9/17~2021/11/03	Relative Humidity:	40.20~45.70	%

<CDD Mode>

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	
HE20	MCS0	2	6115	Full	18.88	18.78	20.90	20.65	
HE20	MCS0	2	6255	Full	18.83	18.83	21.00	21.05	
HE20	MCS0	2	6415	Full	18.83	18.83	21.00	20.85	
HE40	MCS0	2	6125	Full	37.76	37.76	39.87	39.96	
HE40	MCS0	2	6245	Full	37.76	37.76	39.96	39.78	
HE40	MCS0	2	6405	Full	37.66	37.66	39.78	39.87	
HE80	MCS0	2	6145	Full	76.60	76.48	81.28	81.28	
HE80	MCS0	2	6225	Full	76.60	76.48	81.60	81.44	
HE80	MCS0	2	6385	Full	76.84	76.60	81.12	81.44	
HE160	MCS0	2	6185	Full	154.41	154.17	163.84	163.52	
HE160	MCS0	2	6345	Full	154.89	155.13	164.48	164.48	

TEST RESULTS DATA
26dB and 99% OBW

UNII-6 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	
HE20	MCS0	2	6435	Full	18.88	18.83	20.90	20.70	
HE20	MCS0	2	6475	Full	18.83	18.83	20.85	20.85	
HE20	MCS0	2	6515	Full	18.83	18.83	20.85	20.60	
HE40	MCS0	2	6445	Full	37.66	37.66	39.96	39.87	
HE40	MCS0	2	6485	Full	37.66	37.66	39.87	40.05	
HE80	MCS0	2	6465	Full	76.84	76.60	82.08	81.60	

UNII-6 straddle channel MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	26 dB In U-NII-6 Bandwidth (MHz)		26 dB In U-NII-7 Bandwidth (MHz))		99% OBW In U-NII-6 Bandwidth (MHz)		99% OBW In U-NII-7 Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	
HE40	MCS0	2	6525	Full	19.89	19.98	20.07	19.98	18.98	18.88	18.78	18.78	
HE80	MCS0	2	6545	Full	20.80	20.80	60.64	60.64	18.48	18.36	58.12	58.24	
HE160	MCS0	2	6505	Full	102.24	101.60	61.92	62.56	97.68	97.20	57.20	57.68	

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	
HE20	MCS0	2	6535	Full	18.83	18.83	21.40	21.05	
HE20	MCS0	2	6695	Full	18.83	18.83	20.90	20.75	
HE20	MCS0	2	6855	Full	18.83	18.83	21.00	20.60	
HE40	MCS0	2	6565	Full	37.66	37.66	39.87	39.78	
HE40	MCS0	2	6685	Full	37.66	37.66	39.69	40.05	
HE40	MCS0	2	6845	Full	37.76	37.76	40.14	40.23	
HE80	MCS0	2	6625	Full	76.60	76.48	81.76	81.60	
HE80	MCS0	2	6705	Full	76.60	76.48	81.28	81.28	
HE80	MCS0	2	6785	Full	76.60	76.60	81.60	81.44	
HE160	MCS0	2	6665	Full	154.89	154.65	163.52	164.16	

UNII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	26 dB In U-NII-7 Bandwidth (MHz)		26 dB In U-NII-8 Bandwidth (MHz)		99% OBW In U-NII-7 Bandwidth (MHz)		99% OBW In U-NII-8 Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	
HE20	MCS0	2	6875	Full	10.50	10.50	10.40	10.20	9.49	9.49	9.34	9.34	
HE40	MCS0	2	6885	Full	9.89	10.07	29.80	29.98	8.88	8.88	28.88	28.88	
HE80	MCS0	2	6865	Full	50.64	50.64	30.80	30.48	48.24	48.24	28.48	28.48	
HE160	MCS0	2	6825	Full	131.92	132.24	32.56	32.56	127.44	127.20	28.16	28.16	

TEST RESULTS DATA
26dB EBW and 99% OBW

UNII-8 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 7	Ant 2	Ant 7	Ant 2	
HE20	MCS0	2	6895	Full	18.88	18.83	20.90	20.45	
HE20	MCS0	2	6995	Full	18.83	18.83	20.75	20.40	
HE20	MCS0	2	7055	Full	18.88	18.83	20.95	20.85	
HE40	MCS0	2	6925	Full	37.66	37.76	39.69	39.96	
HE40	MCS0	2	7005	Full	37.76	37.86	39.87	39.60	
HE40	MCS0	2	7045	Full	37.76	37.76	39.87	39.78	
HE80	MCS0	2	6945	Full	76.60	76.72	81.44	80.96	
HE80	MCS0	2	7025	Full	76.84	76.84	81.44	81.44	
HE160	MCS0	2	6985	Full	154.41	153.93	163.84	163.20	

TEST RESULTS DATA
EIRP Power Table

FCC UNII-5 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6115	Full	5.38	5.54	8.47	4.18		12.65	30.00	Pass
HE20	MCS0	2	6255	Full	5.71	4.60	8.20	4.18		12.38	30.00	Pass
HE20	MCS0	2	6415	Full	5.57	5.04	8.32	4.18		12.50	30.00	Pass
HE40	MCS0	2	6125	Full	7.70	7.85	10.79	4.18		14.97	30.00	Pass
HE40	MCS0	2	6245	Full	8.14	7.26	10.73	4.18		14.91	30.00	Pass
HE40	MCS0	2	6405	Full	8.46	7.80	11.15	4.18		15.33	30.00	Pass
HE80	MCS0	2	6145	Full	10.07	10.08	13.09	4.18		17.27	30.00	Pass
HE80	MCS0	2	6225	Full	10.44	9.79	13.14	4.18		17.32	30.00	Pass
HE80	MCS0	2	6385	Full	10.61	10.15	13.40	4.18		17.58	30.00	Pass
HE160	MCS0	2	6185	Full	13.20	12.89	16.06	4.18		20.24	30.00	Pass
HE160	MCS0	2	6345	Full	13.69	13.02	16.38	4.18		20.56	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC UNII-6 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6435	Full	4.23	5.18	7.74	4.18		11.92	30.00	Pass
HE20	MCS0	2	6475	Full	5.37	4.80	8.10	4.18		12.28	30.00	Pass
HE20	MCS0	2	6515	Full	4.94	5.05	8.01	4.18		12.19	30.00	Pass
HE40	MCS0	2	6445	Full	7.30	8.10	10.73	4.18		14.91	30.00	Pass
HE40	MCS0	2	6485	Full	8.20	7.77	11.00	4.18		15.18	30.00	Pass
HE80	MCS0	2	6465	Full	11.03	10.28	13.68	4.18		17.86	30.00	Pass

FCC UNII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE40	MCS0	2	6525	Full	7.75	7.82	10.80	4.18		14.98	30.00	Pass
HE80	MCS0	2	6545	Full	10.25	9.63	12.96	4.18		17.14	30.00	Pass
HE160	MCS0	2	6505	Full	13.32	12.64	16.00	4.18		20.18	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC UNII-7 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6535	Full	4.83	5.03	7.94	4.18		12.12	30.00	Pass
HE20	MCS0	2	6695	Full	5.15	4.16	7.69	4.18		11.87	30.00	Pass
HE20	MCS0	2	6855	Full	4.71	4.88	7.81	4.18		11.99	30.00	Pass
HE40	MCS0	2	6565	Full	7.95	7.43	10.71	4.18		14.89	30.00	Pass
HE40	MCS0	2	6685	Full	8.39	7.27	10.88	4.18		15.06	30.00	Pass
HE40	MCS0	2	6845	Full	7.92	8.07	11.01	4.18		15.19	30.00	Pass
HE80	MCS0	2	6625	Full	10.17	9.88	13.04	4.18		17.22	30.00	Pass
HE80	MCS0	2	6705	Full	9.97	9.94	12.97	4.18		17.15	30.00	Pass
HE80	MCS0	2	6785	Full	10.04	9.94	13.00	4.18		17.18	30.00	Pass
HE160	MCS0	2	6665	Full	13.64	13.48	16.57	4.18		20.75	30.00	Pass

FCC UNII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6875	Full	5.05	4.57	7.83	4.18		12.01	30.00	Pass
HE40	MCS0	2	6885	Full	8.02	7.51	10.78	4.18		14.96	30.00	Pass
HE80	MCS0	2	6865	Full	9.98	9.75	12.88	4.18		17.06	30.00	Pass
HE160	MCS0	2	6825	Full	13.35	13.37	16.37	4.18		20.55	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

UNII-8 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6895	Full	5.00	4.38	7.71	4.18		11.89	30.00	Pass
HE20	MCS0	2	6995	Full	5.52	4.01	7.84	4.18		12.02	30.00	Pass
HE20	MCS0	2	7055	Full	6.04	6.21	9.14	4.18		13.32	30.00	Pass
HE40	MCS0	2	6925	Full	8.23	7.16	10.74	4.18		14.92	30.00	Pass
HE40	MCS0	2	7005	Full	9.40	7.67	11.63	4.18		15.81	30.00	Pass
HE40	MCS0	2	7045	Full	9.45	9.66	12.57	4.18		16.75	30.00	Pass
HE80	MCS0	2	6945	Full	10.06	10.54	13.32	4.18		17.50	30.00	Pass
HE80	MCS0	2	7025	Full	11.04	11.23	14.15	4.18		18.33	30.00	Pass
HE160	MCS0	2	6985	Full	12.92	13.11	16.03	4.18		20.21	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-5 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6115	Full			-1.97	6.93		4.97	5.00	Pass
HE20	MCS0	2	6255	Full			-2.13	6.93		4.80	5.00	Pass
HE20	MCS0	2	6415	Full			-1.96	6.93		4.98	5.00	Pass
HE40	MCS0	2	6125	Full			-2.36	6.93		4.57	5.00	Pass
HE40	MCS0	2	6245	Full			-2.15	6.93		4.78	5.00	Pass
HE40	MCS0	2	6405	Full			-1.96	6.93		4.97	5.00	Pass
HE80	MCS0	2	6145	Full			-2.42	6.93		4.52	5.00	Pass
HE80	MCS0	2	6225	Full			-2.15	6.93		4.79	5.00	Pass
HE80	MCS0	2	6385	Full			-2.05	6.93		4.89	5.00	Pass
HE160	MCS0	2	6185	Full			-2.34	6.93		4.60	5.00	Pass
HE160	MCS0	2	6345	Full			-2.01	6.93		4.92	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-6 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6435	Full			-2.55	6.93		4.38	5.00	Pass
HE20	MCS0	2	6475	Full			-2.25	6.93		4.69	5.00	Pass
HE20	MCS0	2	6515	Full			-2.22	6.93		4.72	5.00	Pass
HE40	MCS0	2	6445	Full			-2.26	6.93		4.68	5.00	Pass
HE40	MCS0	2	6485	Full			-1.97	6.93		4.96	5.00	Pass
HE80	MCS0	2	6465	Full			-2.10	6.93		4.83	5.00	Pass

FCC UNII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE40	MCS0	2	6525	Full			-2.02	6.93		4.91	5.00	Pass
HE80	MCS0	2	6545	Full			-2.37	6.93		4.57	5.00	Pass
HE160	MCS0	2	6505	Full			-2.20	6.93		4.74	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-7 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6535	Full			-2.28	6.93		4.65	5.00	Pass
HE20	MCS0	2	6695	Full			-2.33	6.93		4.60	5.00	Pass
HE20	MCS0	2	6855	Full			-2.18	6.93		4.76	5.00	Pass
HE40	MCS0	2	6565	Full			-2.27	6.93		4.67	5.00	Pass
HE40	MCS0	2	6685	Full			-2.27	6.93		4.66	5.00	Pass
HE40	MCS0	2	6845	Full			-2.11	6.93		4.82	5.00	Pass
HE80	MCS0	2	6625	Full			-2.09	6.93		4.84	5.00	Pass
HE80	MCS0	2	6705	Full			-2.06	6.93		4.87	5.00	Pass
HE80	MCS0	2	6785	Full			-2.18	6.93		4.76	5.00	Pass
HE160	MCS0	2	6665	Full			-2.00	6.93		4.94	5.00	Pass

FCC UNII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6875	Full			-2.24	6.93		4.70	5.00	Pass
HE40	MCS0	2	6885	Full			-2.16	6.93		4.78	5.00	Pass
HE80	MCS0	2	6865	Full			-2.45	6.93		4.48	5.00	Pass
HE160	MCS0	2	6825	Full			-2.23	6.93		4.70	5.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-8 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE20	MCS0	2	6895	Full			-2.37	6.93		4.57	5.00	Pass
HE20	MCS0	2	6995	Full			-2.11	6.93		4.83	5.00	Pass
HE20	MCS0	2	7055	Full			-1.99	6.93		4.94	5.00	Pass
HE40	MCS0	2	6925	Full			-2.37	6.93		4.56	5.00	Pass
HE40	MCS0	2	7005	Full			-2.16	6.93		4.77	5.00	Pass
HE40	MCS0	2	7045	Full			-2.10	6.93		4.84	5.00	Pass
HE80	MCS0	2	6945	Full			-1.97	6.93		4.96	5.00	Pass
HE80	MCS0	2	7025	Full			-2.21	6.93		4.72	5.00	Pass
HE160	MCS0	2	6985	Full			-2.23	6.93		4.70	5.00	Pass

<STBC Mode>

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6145	Full	76.72	76.60	81.68	81.84
HE80	MCS0	2	6225	Full	76.72	76.72	81.76	81.92
HE80	MCS0	2	6385	Full	76.72	76.60	81.96	82.16
HE160	MCS0	2	6185	Full	154.41	154.65	164.00	164.00
HE160	MCS0	2	6345	Full	154.89	155.12	164.48	165.60

TEST RESULTS DATA
EIRP Power Table

FCC UNII-5 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6145	Full	13.00	13.17	16.10	4.18		20.28	30.00	Pass
HE80	MCS0	2	6225	Full	13.40	13.19	16.31	4.18		20.49	30.00	Pass
HE80	MCS0	2	6385	Full	13.73	13.01	16.40	4.18		20.58	30.00	Pass
HE160	MCS0	2	6185	Full	15.72	15.97	18.86	4.18		23.04	30.00	Pass
HE160	MCS0	2	6345	Full	16.02	15.24	18.66	4.18		22.84	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-5 MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6145	Full			0.31	4.18		4.49	5.00	Pass
HE80	MCS0	2	6225	Full			0.61	4.18		4.79	5.00	Pass
HE80	MCS0	2	6385	Full			0.69	4.18		4.87	5.00	Pass
HE160	MCS0	2	6185	Full			0.45	4.18		4.63	5.00	Pass
HE160	MCS0	2	6345	Full			0.39	4.18		4.57	5.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-6 MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6465	Full	76.72	76.72	82.16	81.76

UNII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	26 dB In U-NII-6 Bandwidth (MHz)		26 dB In U-NII-7 Bandwidth (MHz))		99% OBW In U-NII-6 Bandwidth (MHz)		99% OBW In U-NII-7 Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6545	Full	21.12	20.72	60.88	61.20	18.48	18.36	58.24	58.24
HE160	MCS0	2	6505	Full	102.40	102.56	61.92	62.72	97.92	97.44	57.20	57.44

TEST RESULTS DATA
EIRP Power Table

FCC UNII-6 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6465	Full	13.18	13.05	16.13	4.18		20.31	30.00	Pass

FCC UNII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6545	Full	13.08	13.35	16.23	4.18		20.41	30.00	Pass
HE160	MCS0	2	6505	Full	15.48	15.97	18.74	4.18		22.92	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-6 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6465	Full			0.37	4.18		4.55	5.00	Pass

FCC UNII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6545	Full			0.71	4.18		4.89	5.00	Pass
HE160	MCS0	2	6505	Full			0.34	4.18		4.52	5.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6625	Full	76.72	76.84	81.76	81.92
HE80	MCS0	2	6705	Full	76.96	76.84	81.92	82.16
HE80	MCS0	2	6785	Full	76.72	76.84	81.68	81.84
HE160	MCS0	2	6665	Full	155.12	155.12	164.96	165.12

UNII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	26 dB In U-NII-7 Bandwidth (MHz)		26 dB In U-NII-8 Bandwidth (MHz)		99% OBW In U-NII-7 Bandwidth (MHz)		99% OBW In U-NII-8 Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6865	Full	50.80	50.72	31.28	31.20	48.24	48.24	28.48	28.48
HE160	MCS0	2	6825	Full	132.40	132.08	33.52	33.04	127.20	126.96	28.16	27.92

TEST RESULTS DATA
EIRP Power Table

FCC UNII-7 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6625	Full	13.29	12.55	15.95	4.18		20.13	30.00	Pass
HE80	MCS0	2	6705	Full	12.95	12.16	15.58	4.18		19.76	30.00	Pass
HE80	MCS0	2	6785	Full	13.00	12.65	15.84	4.18		20.02	30.00	Pass
HE160	MCS0	2	6665	Full	16.86	16.10	19.51	4.18		23.69	30.00	Pass

FCC UNII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6865	Full	12.92	13.15	16.05	4.18		20.23	30.00	Pass
HE160	MCS0	2	6825	Full	16.32	15.99	19.17	4.18		23.35	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-7 MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6625	Full			0.62	4.18		4.80	5.00	Pass
HE80	MCS0	2	6705	Full			0.32	4.18		4.50	5.00	Pass
HE80	MCS0	2	6785	Full			0.39	4.18		4.57	5.00	Pass
HE160	MCS0	2	6665	Full			0.63	4.18		4.81	5.00	Pass

FCC UNII-7 straddle channel MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6865	Full			0.49	4.18		4.67	5.00	Pass
HE160	MCS0	2	6825	Full			0.53	4.18		4.71	5.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

FCC UNII-8 MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)	
					Ant 7	Ant 2	Ant 7	Ant 2
HE80	MCS0	2	6945	Full	76.84	76.72	81.84	81.84
HE80	MCS0	2	7025	Full	76.84	76.84	82.16	82.24
HE160	MCS0	2	6985	Full	154.65	154.41	164.16	164.48

TEST RESULTS DATA
EIRP Power Table

FCC UNII-8 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6945	Full	13.27	12.67	15.99	4.18		20.17	30.00	Pass
HE80	MCS0	2	7025	Full	14.58	13.12	16.92	4.18		21.10	30.00	Pass
HE160	MCS0	2	6985	Full	16.33	15.05	18.75	4.18		22.93	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC UNII-8 MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 2	SUM	Ant 7	Ant 2	SUM		
HE80	MCS0	2	6945	Full			0.51	4.18		4.69	5.00	Pass
HE80	MCS0	2	7025	Full			0.55	4.18		4.73	5.00	Pass
HE160	MCS0	2	6985	Full			0.41	4.18		4.59	5.00	Pass

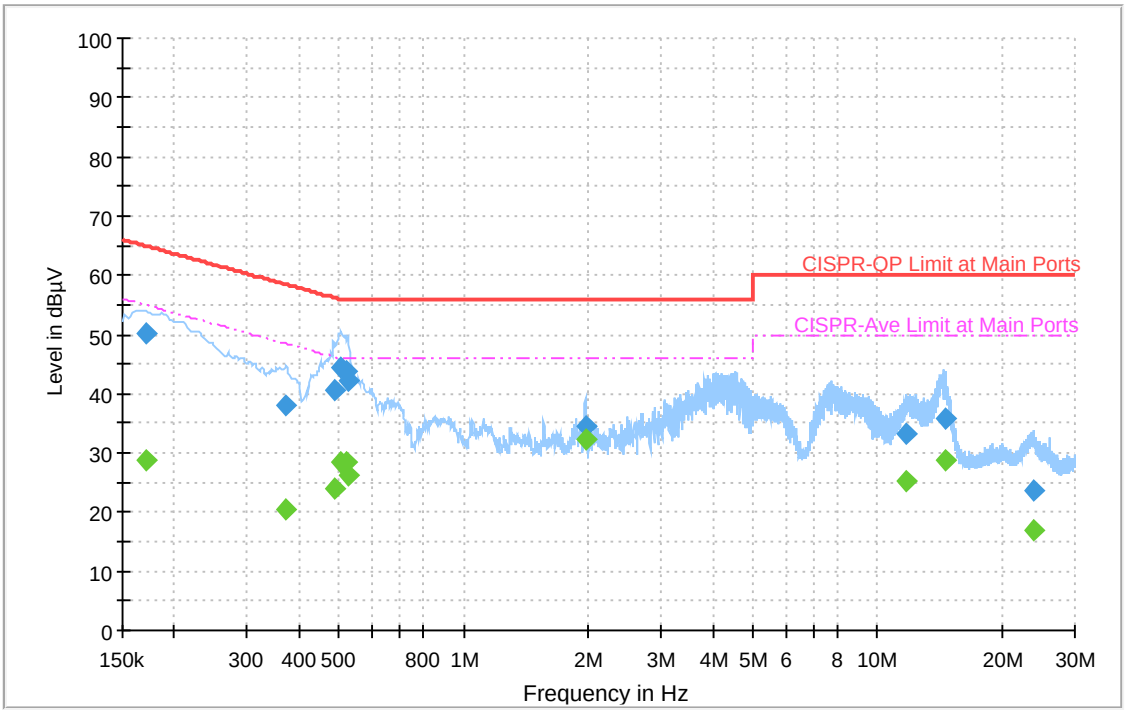
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Abi Lin	**Temperature :**	24~46℃
		Relative Humidity :	43~47%

EUT Information

Test Site Location :	CO01-CA
Power:	120Vac/60Hz
Mode:	1
Type:	Line

Full Spectrum



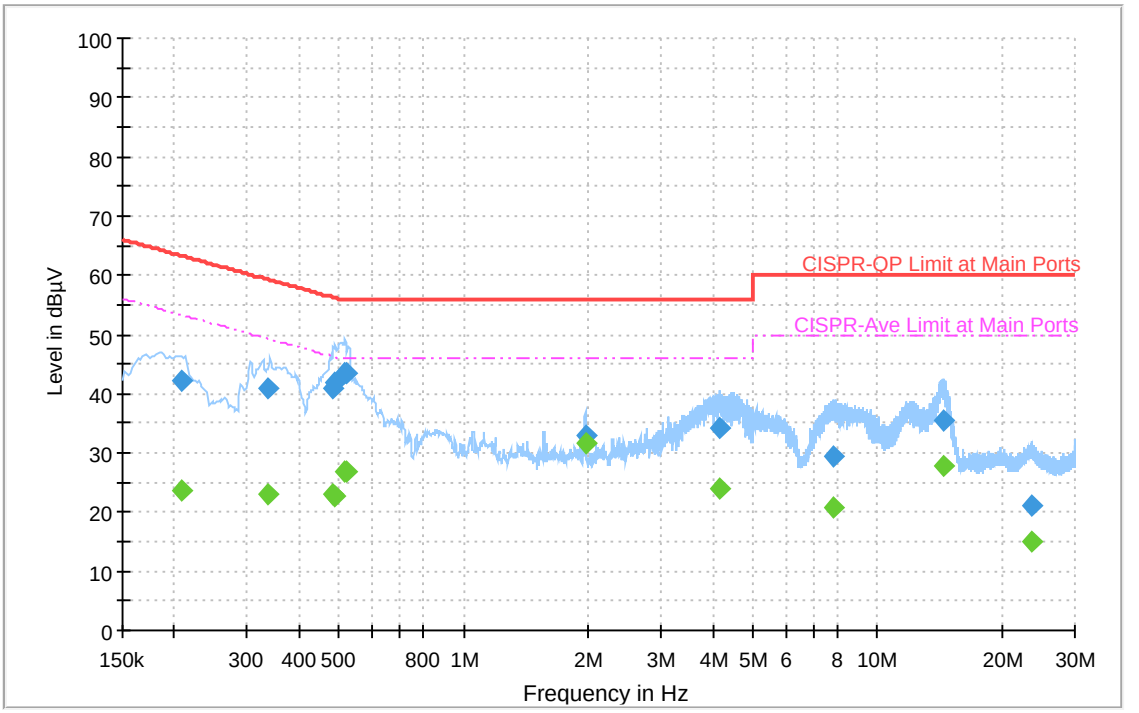
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170250	50.17	---	64.95	14.78	L1	OFF	20.3
0.170250	---	28.82	54.95	26.13	L1	OFF	20.3
0.373110	38.02	---	58.43	20.41	L1	OFF	20.3
0.373110	---	20.36	48.43	28.07	L1	OFF	20.3
0.489750	40.49	---	56.17	15.68	L1	OFF	20.3
0.489750	---	24.06	46.17	22.11	L1	OFF	20.3
0.505770	44.25	---	56.00	11.75	L1	OFF	20.3
0.505770	---	28.32	46.00	17.68	L1	OFF	20.3
0.518460	43.70	---	56.00	12.30	L1	OFF	20.3
0.518460	---	28.50	46.00	17.50	L1	OFF	20.3
0.527820	42.12	---	56.00	13.88	L1	OFF	20.3
0.527820	---	26.28	46.00	19.72	L1	OFF	20.3
1.966380	34.58	---	56.00	21.42	L1	OFF	20.3
1.966380	---	32.34	46.00	13.66	L1	OFF	20.3
11.753340	33.37	---	60.00	26.63	L1	OFF	20.5
11.753340	---	25.12	50.00	24.88	L1	OFF	20.5
14.564310	35.91	---	60.00	24.09	L1	OFF	20.5
14.564310	---	28.69	50.00	21.31	L1	OFF	20.5
23.853210	23.60	---	60.00	36.40	L1	OFF	20.8
23.853210	---	16.86	50.00	33.14	L1	OFF	20.8

EUT Information

Test Site Location :	CO01-CA
Power:	120Vac/60Hz
Mode:	1
Type:	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.208500	42.02	---	63.27	21.24	N	OFF	20.2
0.208500	---	23.75	53.27	29.51	N	OFF	20.2
0.338280	40.83	---	59.25	18.42	N	OFF	20.3
0.338280	---	22.92	49.25	26.33	N	OFF	20.3
0.483900	40.85	---	56.27	15.42	N	OFF	20.3
0.483900	---	22.88	46.27	23.39	N	OFF	20.3
0.486960	41.77	---	56.22	14.45	N	OFF	20.3
0.486960	---	22.69	46.22	23.53	N	OFF	20.3
0.517020	43.49	---	56.00	12.51	N	OFF	20.3
0.517020	---	26.75	46.00	19.25	N	OFF	20.3
0.521250	43.48	---	56.00	12.52	N	OFF	20.3
0.521250	---	26.96	46.00	19.04	N	OFF	20.3
1.965300	33.05	---	56.00	22.95	N	OFF	20.3
1.965300	---	31.68	46.00	14.32	N	OFF	20.3
4.160400	34.18	---	56.00	21.82	N	OFF	20.3
4.160400	---	23.87	46.00	22.13	N	OFF	20.3
7.804950	29.30	---	60.00	30.70	N	OFF	20.4
7.804950	---	20.69	50.00	29.31	N	OFF	20.4
14.395830	35.51	---	60.00	24.49	N	OFF	20.5
14.395830	---	27.78	50.00	22.22	N	OFF	20.5
23.499780	21.24	---	60.00	38.76	N	OFF	20.7
23.499780	---	14.99	50.00	35.01	N	OFF	20.7

Appendix C. Radiated Spurious Emission

Test Engineer :	Michael Bui and Daniel Lee	Temperature :	20~24°C
		Relative Humidity :	42~48%

Band 5 - 5925~6425MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
7+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5904.2	54.36	-33.84	88.2	40.12	32.5	11.97	30.23	100	266	P	H
		5920.1	45.18	-23.02	68.2	30.92	32.52	11.98	30.24	100	266	A	H
	*	6115	115.01	-	-	100.29	32.9	12.16	30.34	100	266	P	H
	*	6115	105.67	-	-	90.95	32.9	12.16	30.34	100	266	A	H
802.11ax													H
HE20 Full													H
CH 33		5895.8	54.79	-33.41	88.2	40.48	32.59	11.95	30.23	371	198	P	V
6115MHz		5924.9	45.31	-22.89	68.2	30.93	32.63	11.99	30.24	371	198	A	V
	*	6115	116.52	-	-	101.81	32.89	12.16	30.34	371	198	P	V
	*	6115	106.7	-	-	91.99	32.89	12.16	30.34	371	198	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11380	50.07	-23.93	74	60.59	40.03	17.14	67.69	-	-	P	H
		11380	39.32	-14.68	54	49.84	40.03	17.14	67.69	-	-	A	H
		12230	46.25	-27.75	74	56.63	39.24	17.82	67.44	-	-	P	H
		13400	48.6	-25.4	74	57.78	39.67	18.82	67.67	-	-	P	H
		13400	38.78	-15.22	54	47.96	39.67	18.82	67.67	-	-	A	H
		14490	51.91	-22.09	74	58.3	41.76	19.59	67.74	-	-	P	H
		14490	41.67	-12.33	54	48.06	41.76	19.59	67.74	-	-	A	H
		18000	60.03	-13.97	74	58.5	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		18345	38.4	-35.6	74	40.12	37.67	13.05	52.44	-	-	P	H
802.11ax		39780	52.33	-21.67	74	36.53	44.81	24.44	53.45	-	-	P	H
HE20 Full		39780	45.75	-8.25	54	29.95	44.81	24.44	53.45	-	-	A	H
CH 33		10870	49.91	-24.09	74	61.11	40.24	16.75	68.19	-	-	P	V
6115MHz		10870	38.9	-15.1	54	50.1	40.24	16.75	68.19	-	-	A	V
		12230	46.27	-27.73	74	56.57	39.32	17.82	67.44	-	-	P	V
		13370	49.93	-24.07	74	59.25	39.58	18.79	67.69	-	-	P	V
		13370	39.63	-14.37	54	48.95	39.58	18.79	67.69	-	-	A	V
		14500	51.43	-22.57	74	57.9	41.66	19.6	67.73	-	-	P	V
		14500	40.75	-13.25	54	47.22	41.66	19.6	67.73	-	-	A	V
		17990	59.17	-14.83	74	58.3	47.78	22.51	69.42	-	-	P	V
		17990	49.27	-4.73	54	48.4	47.78	22.51	69.42	-	-	A	V
		18345	38.26	-35.74	74	39.95	37.7	13.05	52.44	-	-	P	V
		39846	52.1	-21.9	74	36.63	44.64	24.49	53.66	-	-	P	V
		39846	45.81	-8.19	54	30.34	44.64	24.49	53.66	-	-	A	V

WIFI Ant. 2+7	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)
		11490	49.97	-24.03	74	60.2	40.14	17.23	67.6	-	-	P	H
		11490	40.01	-13.99	54	50.24	40.14	17.23	67.6	-	-	A	H
		12510	47.04	-26.96	74	57.53	38.47	18.07	67.03	-	-	P	H
		13310	50.02	-23.98	74	59.65	39.35	18.74	67.72	-	-	P	H
		13310	40.12	-13.88	54	49.75	39.35	18.74	67.72	-	-	A	H
		14490	51.5	-22.5	74	57.89	41.76	19.59	67.74	-	-	P	H
		14490	44.03	-9.97	54	50.42	41.76	19.59	67.74	-	-	A	H
		18000	60.33	-13.67	74	58.8	48.43	22.52	69.42	-	-	P	H
		18000	50.03	-3.97	54	48.5	48.43	22.52	69.42	-	-	A	H
		18765	38.25	-35.75	74	39.74	37.69	13.38	52.56	-	-	P	H
802.11ax		39780	52.9	-21.1	74	37.1	44.81	24.44	53.45	-	-	P	H
HE20 Full		39780	45.75	-8.25	54	29.95	44.81	24.44	53.45	-	-	A	H
CH 61		11360	49.5	-24.5	74	60.12	39.97	17.12	67.71	-	-	P	V
6255MHz		11360	39.8	-14.2	54	50.42	39.97	17.12	67.71	-	-	A	V
		12510	47.05	-26.95	74	57.41	38.6	18.07	67.03	-	-	P	V
		13310	49.36	-24.64	74	58.99	39.35	18.74	67.72	-	-	P	V
		13310	39.13	-14.87	54	48.76	39.35	18.74	67.72	-	-	A	V
		14490	51.88	-22.12	74	58.4	41.63	19.59	67.74	-	-	P	V
		14490	43.09	-10.91	54	49.61	41.63	19.59	67.74	-	-	A	V
		17980	59.82	-14.18	74	59.19	47.55	22.5	69.42	-	-	P	V
		17980	49.32	-4.68	54	48.69	47.55	22.5	69.42	-	-	A	V
		18765	37.34	-36.66	74	38.78	37.74	13.38	52.56	-	-	P	V
		39758	52.38	-21.62	74	36.97	44.62	24.43	53.64	-	-	P	V
		39758	45.44	-8.56	54	30.03	44.62	24.43	53.64	-	-	A	V

WIFI Ant. 7+2	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)
		11420	49.74	-24.26	74	60.11	40.12	17.17	67.66	-	-	P	H
		11420	39.39	-14.61	54	49.76	40.12	17.17	67.66	-	-	A	H
		12830	47.41	-40.79	88.2	57.58	39.06	18.37	67.6	-	-	P	H
		13350	49.48	-24.52	74	58.9	39.5	18.78	67.7	-	-	P	H
		13350	39.6	-14.4	54	49.02	39.5	18.78	67.7	-	-	A	H
		14490	51.22	-22.78	74	57.61	41.76	19.59	67.74	-	-	P	H
		14490	42.55	-11.45	54	48.94	41.76	19.59	67.74	-	-	A	H
		17990	59.46	-14.54	74	58.19	48.18	22.51	69.42	-	-	P	H
		17990	49.66	-4.34	54	48.39	48.18	22.51	69.42	-	-	A	H
		19245	37.61	-36.39	74	39.17	37.62	13.53	52.71	-	-	P	H
802.11ax		39516	52.63	-21.37	74	37.75	44.66	24.26	54.04	-	-	P	H
HE20 Full		39516	44.74	-9.26	54	29.86	44.66	24.26	54.04	-	-	A	H
CH 93		11480	50.65	-23.35	74	60.81	40.23	17.22	67.61	-	-	P	V
6415MHz		11480	40.04	-13.96	54	50.2	40.23	17.22	67.61	-	-	A	V
		12830	48.56	-39.64	88.2	58.61	39.18	18.37	67.6	-	-	P	V
		13380	49.28	-24.72	74	58.56	39.6	18.8	67.68	-	-	P	V
		13380	40.48	-13.52	54	49.76	39.6	18.8	67.68	-	-	A	V
		14490	51.12	-22.88	74	57.64	41.63	19.59	67.74	-	-	P	V
		14490	43.5	-10.5	54	50.02	41.63	19.59	67.74	-	-	A	V
		17980	59.12	-14.88	74	58.49	47.55	22.5	69.42	-	-	P	V
		17980	49.22	-4.78	54	48.59	47.55	22.5	69.42	-	-	A	V
		19245	37.63	-36.37	74	39.1	37.71	13.53	52.71	-	-	P	V
		39802	52.89	-21.11	74	37.1	44.63	24.46	53.3	-	-	P	V
		39802	45.83	-8.17	54	30.04	44.63	24.46	53.3	-	-	A	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 HE40 Full (Band Edge @ 3m)

WIFI Ant. 7+2	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)
		5838.66	54.98	-33.22	88.2	40.88	32.43	11.85	30.18	100	266	P	H
		5923.32	45.2	-23	68.2	30.93	32.52	11.99	30.24	100	266	A	H
	*	6125	117.49	-	-	102.73	32.92	12.18	30.34	100	266	P	H
	*	6125	108.63	-	-	93.87	32.92	12.18	30.34	100	266	A	H
802.11ax													H
HE40 Full													H
CH 35		5852.94	54.83	-33.37	88.2	40.67	32.46	11.88	30.18	372	195	P	V
6125MHz		5922.64	45.3	-22.9	68.2	30.93	32.62	11.99	30.24	372	195	A	V
	*	6125	118.66	-	-	103.9	32.92	12.18	30.34	372	195	P	V
	*	6125	109.59	-	-	94.83	32.92	12.18	30.34	372	195	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 (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11570	49.28	-24.72	74	59.5	40.1	17.3	67.62	-	-	P	H
		11570	39.82	-14.18	54	50.04	40.1	17.3	67.62	-	-	A	H
		12250	55.59	-18.41	74	65.95	39.2	17.84	67.4	100	82	P	H
		12250	47.06	-6.94	54	57.42	39.2	17.84	67.4	100	82	A	H
		13270	48.63	-25.37	74	58.48	39.2	18.7	67.75	-	-	P	H
		13270	40.08	-13.92	54	49.93	39.2	18.7	67.75	-	-	A	H
		14490	51.44	-22.56	74	57.83	41.76	19.59	67.74	-	-	P	H
		14490	43.68	-10.32	54	50.07	41.76	19.59	67.74	-	-	A	H
		17970	59.53	-14.47	74	58.8	47.66	22.49	69.42	-	-	P	H
		17970	49.63	-4.37	54	48.9	47.66	22.49	69.42	-	-	A	H
		18375	36.52	-37.48	74	38.22	37.68	13.08	52.46	-	-	P	H
802.11ax		39934	52.25	-21.75	74	36.94	44.9	24.55	54.14	-	-	P	H
HE40 Full		39934	45.42	-8.58	54	30.11	44.9	24.55	54.14	-	-	A	H
CH 35		11270	50.06	-23.94	74	60.9	39.89	17.06	67.79	-	-	P	V
6125MHz		11270	39.61	-14.39	54	50.45	39.89	17.06	67.79	-	-	A	V
		12250	57.64	-16.36	74	67.96	39.24	17.84	67.4	100	167	P	V
		12250	49.72	-4.28	54	60.04	39.24	17.84	67.4	100	167	A	V
		13360	50.62	-23.38	74	59.97	39.55	18.79	67.69	-	-	P	V
		13360	40.87	-13.13	54	50.22	39.55	18.79	67.69	-	-	A	V
		14490	51.58	-22.42	74	58.1	41.63	19.59	67.74	-	-	P	V
		14490	43.19	-10.81	54	49.71	41.63	19.59	67.74	-	-	A	V
		17960	58.64	-15.36	74	58.51	47.08	22.47	69.42	-	-	P	V
		17960	48.74	-5.26	54	48.61	47.08	22.47	69.42	-	-	A	V
		18375	37.32	-36.68	74	38.99	37.71	13.08	52.46	-	-	P	V
		39626	52.07	-21.93	74	37.24	44.58	24.34	54.09	-	-	P	V
		39626	45.25	-8.75	54	30.42	44.58	24.34	54.09	-	-	A	V

WIFI Ant. 7+2	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)
		10960	49.57	-24.43	74	60.5	40.32	16.82	68.07	-	-	P	H
		10960	39.84	-14.16	54	50.77	40.32	16.82	68.07	-	-	A	H
		12490	49.17	-24.83	74	59.64	38.5	18.06	67.03	241	115	P	H
		12490	40.42	-13.58	54	50.89	38.5	18.06	67.03	241	115	A	H
		13360	49.04	-24.96	74	58.4	39.54	18.79	67.69	-	-	P	H
		13360	40.32	-13.68	54	49.68	39.54	18.79	67.69	-	-	A	H
		14490	51.47	-22.53	74	57.86	41.76	19.59	67.74	-	-	P	H
		14490	42.82	-11.18	54	49.21	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	50.03	-3.97	54	48.5	48.43	22.52	69.42	-	-	A	H
		18735	37.16	-36.84	74	38.65	37.7	13.36	52.55	-	-	P	H
802.11ax		39824	52.4	-21.6	74	36.57	44.84	24.47	53.48	-	-	P	H
HE40 Full		39824	45.77	-8.23	54	29.94	44.84	24.47	53.48	-	-	A	H
CH 59		11410	49.69	-24.31	74	60.1	40.1	17.16	67.67	-	-	P	V
6245MHz		11410	39.82	-14.18	54	50.23	40.1	17.16	67.67	-	-	A	V
		12490	51.1	-22.9	74	61.45	38.62	18.06	67.03	297	196	P	V
		12490	40.76	-13.24	54	51.11	38.62	18.06	67.03	297	196	A	V
		13370	49.02	-24.98	74	58.34	39.58	18.79	67.69	-	-	P	V
		13370	40.83	-13.17	54	50.15	39.58	18.79	67.69	-	-	A	V
		14490	50.6	-23.4	74	57.12	41.63	19.59	67.74	-	-	P	V
		14490	42.79	-11.21	54	49.31	41.63	19.59	67.74	-	-	A	V
		17990	59.17	-14.83	74	58.3	47.78	22.51	69.42	-	-	P	V
		17990	49.27	-4.73	54	48.4	47.78	22.51	69.42	-	-	A	V
		18735	37.32	-36.68	74	38.77	37.74	13.36	52.55	-	-	P	V
		39758	52.85	-21.15	74	37.44	44.62	24.43	53.64	-	-	P	V
		39758	45.8	-8.2	54	30.39	44.62	24.43	53.64	-	-	A	V

WIFI Ant. 7+2	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)
		11400	49.8	-24.2	74	60.23	40.1	17.15	67.68	-	-	P	H
		11400	40.88	-13.12	54	51.31	40.1	17.15	67.68	-	-	A	H
		12810	48.27	-39.93	88.2	58.46	39.04	18.34	67.57	-	-	P	H
		13370	50.12	-23.88	74	59.45	39.57	18.79	67.69	-	-	P	H
		13370	41.53	-12.47	54	50.86	39.57	18.79	67.69	-	-	A	H
		14490	51.06	-22.94	74	57.45	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		17980	59.8	-14.2	74	58.8	47.92	22.5	69.42	-	-	P	H
		17980	49.7	-4.3	54	48.7	47.92	22.5	69.42	-	-	A	H
		19215	37.17	-36.83	74	38.71	37.63	13.53	52.7	-	-	P	H
802.11ax		39802	53.1	-20.9	74	37.11	44.83	24.46	53.3	-	-	P	H
HE40 Full		39802	46.19	-7.81	54	30.2	44.83	24.46	53.3	-	-	A	H
CH 91		11200	50.4	-23.6	74	61.35	39.9	17	67.85	-	-	P	V
6405MHz		11200	40.48	-13.52	54	51.43	39.9	17	67.85	-	-	A	V
		12810	50.96	-37.24	88.2	61.02	39.17	18.34	67.57	-	-	P	V
		13300	49.98	-24.02	74	59.66	39.31	18.74	67.73	-	-	P	V
		13300	41.78	-12.22	54	51.46	39.31	18.74	67.73	-	-	A	V
		14490	50.14	-23.86	74	56.66	41.63	19.59	67.74	-	-	P	V
		14490	42.23	-11.77	54	48.75	41.63	19.59	67.74	-	-	A	V
		18000	59.61	-14.39	74	58.5	48.01	22.52	69.42	-	-	P	V
		18000	49.81	-4.19	54	48.7	48.01	22.52	69.42	-	-	A	V
		19215	37.33	-36.67	74	38.78	37.72	13.53	52.7	-	-	P	V
		39802	53.09	-20.91	74	37.3	44.63	24.46	53.3	-	-	P	V
		39802	45.48	-8.52	54	29.69	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 7+2	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)
		5897.64	54.56	-33.64	88.2	40.34	32.49	11.96	30.23	100	265	P	H
		5915.88	45.06	-23.14	68.2	30.81	32.51	11.98	30.24	100	265	A	H
	*	6145	115	-	-	100.2	32.95	12.2	30.35	100	265	P	H
	*	6145	106.83	-	-	92.03	32.95	12.2	30.35	100	265	A	H
802.11ax													H
HE80 Full													H
CH 39		5917.8	53.89	-34.31	88.2	39.53	32.62	11.98	30.24	384	197	P	V
6145MHz		5923.24	45.14	-23.06	68.2	30.76	32.63	11.99	30.24	384	197	A	V
	*	6145	116.31	-	-	101.49	32.97	12.2	30.35	384	197	P	V
	*	6145	108.23	-	-	93.41	32.97	12.2	30.35	384	197	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. 7+2	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)
		10930	49.52	-24.48	74	60.5	40.33	16.8	68.11	-	-	P	H
		10930	40.45	-13.55	54	51.43	40.33	16.8	68.11	-	-	A	H
		12290	46.12	-27.88	74	56.49	39.1	17.87	67.34	-	-	P	H
		13370	49.11	-24.89	74	58.44	39.57	18.79	67.69	-	-	P	H
		13370	42.23	-11.77	54	51.56	39.57	18.79	67.69	-	-	A	H
		14490	51.91	-22.09	74	58.3	41.76	19.59	67.74	-	-	P	H
		14490	42.92	-11.08	54	49.31	41.76	19.59	67.74	-	-	A	H
		17950	59.79	-14.21	74	59.6	47.15	22.46	69.42	-	-	P	H
		17950	49.39	-4.61	54	49.2	47.15	22.46	69.42	-	-	A	H
		18435	36.82	-37.18	74	38.48	37.7	13.12	52.48	-	-	P	H
802.11ax		39802	52.89	-21.11	74	36.9	44.83	24.46	53.3	-	-	P	H
HE80 Full		39802	45.48	-8.52	54	29.49	44.83	24.46	53.3	-	-	A	H
CH 39		11430	50.78	-23.22	74	61.1	40.15	17.18	67.65	-	-	P	V
6145MHz		11430	41.31	-12.69	54	51.63	40.15	17.18	67.65	-	-	A	V
		12290	46.59	-27.41	74	56.86	39.2	17.87	67.34	-	-	P	V
		13390	48.67	-25.33	74	57.91	39.63	18.81	67.68	-	-	P	V
		13390	41.68	-12.32	54	50.92	39.63	18.81	67.68	-	-	A	V
		14490	51.78	-22.22	74	58.3	41.63	19.59	67.74	-	-	P	V
		14490	42.45	-11.55	54	48.97	41.63	19.59	67.74	-	-	A	V
		17990	59.77	-14.23	74	58.9	47.78	22.51	69.42	-	-	P	V
		17990	49.67	-4.33	54	48.8	47.78	22.51	69.42	-	-	A	V
		18435	37.35	-36.65	74	38.99	37.72	13.12	52.48	-	-	P	V
		39164	52.11	-21.89	74	38.22	44.27	24.02	54.4	-	-	P	V
		39164	44	-10	54	30.11	44.27	24.02	54.4	-	-	A	V

WIFI Ant. 7+2	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)
		11340	50.14	-23.86	74	60.86	39.9	17.11	67.73	-	-	P	H
		11340	40.65	-13.35	54	51.37	39.9	17.11	67.73	-	-	A	H
		12450	46.64	-27.36	74	57.07	38.64	18.02	67.09	-	-	P	H
		13370	49.8	-24.2	74	59.13	39.57	18.79	67.69	-	-	P	H
		13370	41.93	-12.07	54	51.26	39.57	18.79	67.69	-	-	A	H
		14490	50.83	-23.17	74	57.22	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		17990	60.16	-13.84	74	58.89	48.18	22.51	69.42	-	-	P	H
		17990	50.06	-3.94	54	48.79	48.18	22.51	69.42	-	-	A	H
		18675	37.1	-36.9	74	38.63	37.7	13.31	52.54	-	-	P	H
802.11ax		39824	52.89	-21.11	74	37.06	44.84	24.47	53.48	-	-	P	H
HE80 Full		39824	45.58	-8.42	54	29.75	44.84	24.47	53.48	-	-	A	H
CH 55		10830	49.26	-24.74	74	60.67	40.11	16.72	68.24	-	-	P	V
6225MHz		10830	40.04	-13.96	54	51.45	40.11	16.72	68.24	-	-	A	V
		12450	47.32	-26.68	74	57.7	38.69	18.02	67.09	-	-	P	V
		13370	49.89	-24.11	74	59.21	39.58	18.79	67.69	-	-	P	V
		13370	41.44	-12.56	54	50.76	39.58	18.79	67.69	-	-	A	V
		14490	50.98	-23.02	74	57.5	41.63	19.59	67.74	-	-	P	V
		14490	42.43	-11.57	54	48.95	41.63	19.59	67.74	-	-	A	V
		18000	59.61	-14.39	74	58.5	48.01	22.52	69.42	-	-	P	V
		18000	49.51	-4.49	54	48.4	48.01	22.52	69.42	-	-	A	V
		18675	37.82	-36.18	74	39.31	37.74	13.31	52.54	-	-	P	V
		39362	52.16	-21.84	74	37.89	44.43	24.16	54.32	-	-	P	V
		39362	44.49	-9.51	54	30.22	44.43	24.16	54.32	-	-	A	V

WIFI Ant. 7+2	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)
		11380	50.12	-23.88	74	60.64	40.03	17.14	67.69	-	-	P	H
		11380	41.14	-12.86	54	51.66	40.03	17.14	67.69	-	-	A	H
		12770	47.95	-40.25	88.2	58.13	39.01	18.31	67.5	-	-	P	H
		13260	49.71	-24.29	74	59.61	39.16	18.69	67.75	-	-	P	H
		13260	40.8	-13.2	54	50.7	39.16	18.69	67.75	-	-	A	H
		14490	51.11	-22.89	74	57.5	41.76	19.59	67.74	-	-	P	H
		14490	41.82	-12.18	54	48.21	41.76	19.59	67.74	-	-	A	H
		18000	60.03	-13.97	74	58.5	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		19155	37.91	-36.09	74	39.42	37.64	13.54	52.69	-	-	P	H
802.11ax		39494	52.24	-21.76	74	37.4	44.65	24.25	54.06	-	-	P	H
HE80 Full		39494	44.94	-9.06	54	30.1	44.65	24.25	54.06	-	-	A	H
CH 87		11310	50.35	-23.65	74	61.09	39.92	17.09	67.75	-	-	P	V
6385MHz		11310	40.59	-13.41	54	51.33	39.92	17.09	67.75	-	-	A	V
		12770	49.04	-39.16	88.2	59.17	39.06	18.31	67.5	-	-	P	V
		13370	50.24	-23.76	74	59.56	39.58	18.79	67.69	-	-	P	V
		13370	41.18	-12.82	54	50.5	39.58	18.79	67.69	-	-	A	V
		14490	50.68	-23.32	74	57.2	41.63	19.59	67.74	-	-	P	V
		14490	42.59	-11.41	54	49.11	41.63	19.59	67.74	-	-	A	V
		17980	59.52	-14.48	74	58.89	47.55	22.5	69.42	-	-	P	V
		17980	49.72	-4.28	54	49.09	47.55	22.5	69.42	-	-	A	V
		19155	37.47	-36.53	74	38.89	37.73	13.54	52.69	-	-	P	V
		39824	52.93	-21.07	74	37.3	44.64	24.47	53.48	-	-	P	V
		39824	45.09	-8.91	54	29.46	44.64	24.47	53.48	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
		5851.24	54.73	-33.47	88.2	40.6	32.44	11.87	30.18	332	264	P	H
		5922.76	45.29	-22.91	68.2	31.02	32.52	11.99	30.24	332	264	A	H
	*	6185	112.99	-	-	98.05	33.04	12.26	30.36	332	264	P	H
	*	6185	103.5	-	-	88.56	33.04	12.26	30.36	332	264	A	H
802.11ax													H
HE160 Full													H
CH 47		5902.12	54.38	-33.82	88.2	40.04	32.61	11.96	30.23	382	195	P	V
6185MHz		5925.16	45.32	-104.68	150	30.94	32.63	11.99	30.24	382	195	A	V
	*	6185	115.19	-	-	100.26	33.03	12.26	30.36	382	195	P	V
	*	6185	105.23	-	-	90.3	33.03	12.26	30.36	382	195	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. 7+2	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)
		11360	49.94	-24.06	74	60.57	39.96	17.12	67.71	-	-	P	H
		11360	40.76	-13.24	54	51.39	39.96	17.12	67.71	-	-	A	H
		12370	47.38	-26.62	74	57.82	38.84	17.94	67.22	-	-	P	H
		13330	49.37	-24.63	74	58.89	39.43	18.76	67.71	-	-	P	H
		13330	41.09	-12.91	54	50.61	39.43	18.76	67.71	-	-	A	H
		14490	51.02	-22.98	74	57.41	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		17980	59.6	-14.4	74	58.6	47.92	22.5	69.42	-	-	P	H
		17980	49.7	-4.3	54	48.7	47.92	22.5	69.42	-	-	A	H
		18555	36.81	-37.19	74	38.4	37.71	13.22	52.52	-	-	P	H
802.11ax		39384	51.99	-22.01	74	37.6	44.56	24.17	54.34	-	-	P	H
HE160 Full		39384	44.85	-9.15	54	30.46	44.56	24.17	54.34	-	-	A	H
CH 47		11540	50.52	-23.48	74	60.67	40.19	17.27	67.61	-	-	P	V
6185MHz		11540	41.23	-12.77	54	51.38	40.19	17.27	67.61	-	-	A	V
		12370	47.68	-26.32	74	57.98	38.98	17.94	67.22	-	-	P	V
		13300	49.75	-24.25	74	59.43	39.31	18.74	67.73	-	-	P	V
		13300	41.82	-12.18	54	51.5	39.31	18.74	67.73	-	-	A	V
		14490	51.31	-22.69	74	57.83	41.63	19.59	67.74	-	-	P	V
		14490	43.05	-10.95	54	49.57	41.63	19.59	67.74	-	-	A	V
		17970	58.88	-15.12	74	58.49	47.32	22.49	69.42	-	-	P	V
		17970	48.98	-5.02	54	48.59	47.32	22.49	69.42	-	-	A	V
		18555	37.01	-36.99	74	38.57	37.74	13.22	52.52	-	-	P	V
		39252	51.82	-22.18	74	37.7	44.34	24.08	54.3	-	-	P	V
		39252	44.62	-9.38	54	30.5	44.34	24.08	54.3	-	-	A	V

WIFI Ant. 7+2	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)
		11430	50.57	-23.43	74	60.91	40.13	17.18	67.65	-	-	P	H
		11430	41.09	-12.91	54	51.43	40.13	17.18	67.65	-	-	A	H
		12690	46.79	-27.21	74	57.06	38.84	18.24	67.35	-	-	P	H
		13390	49.97	-24.03	74	59.21	39.63	18.81	67.68	-	-	P	H
		13390	42.14	-11.86	54	51.38	39.63	18.81	67.68	-	-	A	H
		14490	51.41	-22.59	74	57.8	41.76	19.59	67.74	-	-	P	H
		14490	43.11	-10.89	54	49.5	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	49.83	-4.17	54	48.3	48.43	22.52	69.42	-	-	A	H
		19035	36.99	-37.01	74	38.46	37.66	13.56	52.69	-	-	P	H
802.11ax		39934	52.11	-21.89	74	36.8	44.9	24.55	54.14	-	-	P	H
HE160 Full		39934	45.2	-8.8	54	29.89	44.9	24.55	54.14	-	-	A	H
CH 79		11350	49.25	-24.75	74	59.91	39.95	17.11	67.72	-	-	P	V
6345MHz		11350	40.99	-13.01	54	51.65	39.95	17.11	67.72	-	-	A	V
		12690	47.92	-26.08	74	58.07	38.96	18.24	67.35	-	-	P	V
		13360	49.14	-24.86	74	58.49	39.55	18.79	67.69	-	-	P	V
		13360	41.5	-12.5	54	50.85	39.55	18.79	67.69	-	-	A	V
		14490	52.28	-21.72	74	58.8	41.63	19.59	67.74	-	-	P	V
		14490	42.24	-11.76	54	48.76	41.63	19.59	67.74	-	-	A	V
		17970	58.98	-15.02	74	58.59	47.32	22.49	69.42	-	-	P	V
		17970	48.78	-5.22	54	48.39	47.32	22.49	69.42	-	-	A	V
		19035	37.59	-36.41	74	38.97	37.75	13.56	52.69	-	-	P	V
		39274	51.93	-22.07	74	37.76	44.36	24.1	54.29	-	-	P	V
		39274	44.58	-9.42	54	30.41	44.36	24.1	54.29	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11260	50.02	-23.98	74	60.96	39.81	17.05	67.8	-	-	P	H
		11260	40.47	-13.53	54	51.41	39.81	17.05	67.8	-	-	A	H
		12870	47.57	-40.63	88.2	57.76	39.08	18.41	67.68	-	-	P	H
		13350	50.24	-23.76	74	59.66	39.5	18.78	67.7	-	-	P	H
		13350	42.32	-11.68	54	51.74	39.5	18.78	67.7	-	-	A	H
		14490	51.88	-22.12	74	58.27	41.76	19.59	67.74	-	-	P	H
		14490	42.3	-11.7	54	48.69	41.76	19.59	67.74	-	-	A	H
		17980	59.6	-14.4	74	58.6	47.92	22.5	69.42	-	-	P	H
		17980	49.4	-4.6	54	48.4	47.92	22.5	69.42	-	-	A	H
		19305	37.95	-36.05	74	39.55	37.61	13.52	52.73	-	-	P	H
802.11ax		39340	52.26	-21.74	74	37.9	44.52	24.14	54.3	-	-	P	H
HE20 Full		39340	44.46	-9.54	54	30.1	44.52	24.14	54.3	-	-	A	H
CH 97		11430	50.14	-23.86	74	60.46	40.15	17.18	67.65	-	-	P	V
6435MHz		11430	41.35	-12.65	54	51.67	40.15	17.18	67.65	-	-	A	V
		12870	49.17	-39.03	88.2	59.27	39.17	18.41	67.68	-	-	P	V
		13270	50.12	-23.88	74	59.98	39.19	18.7	67.75	-	-	P	V
		13270	41.9	-12.1	54	51.76	39.19	18.7	67.75	-	-	A	V
		14490	52.69	-21.31	74	59.21	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17990	59.67	-14.33	74	58.8	47.78	22.51	69.42	-	-	P	V
		17990	49.47	-4.53	54	48.6	47.78	22.51	69.42	-	-	A	V
		19305	37.61	-36.39	74	39.12	37.7	13.52	52.73	-	-	P	V
		39780	53.11	-20.89	74	37.5	44.62	24.44	53.45	-	-	P	V
		39780	45.55	-8.45	54	29.94	44.62	24.44	53.45	-	-	A	V

WIFI Ant. 7+2	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)
		11320	49.12	-24.88	74	59.89	39.87	17.1	67.74	-	-	P	H
		11320	40.77	-13.23	54	51.54	39.87	17.1	67.74	-	-	A	H
		12950	48.48	-39.72	88.2	58.77	39.06	18.47	67.82	-	-	P	H
		13310	49.27	-24.73	74	58.9	39.35	18.74	67.72	-	-	P	H
		13310	41.59	-12.41	54	51.22	39.35	18.74	67.72	-	-	A	H
		14490	51.16	-22.84	74	57.55	41.76	19.59	67.74	-	-	P	H
		14490	43.36	-10.64	54	49.75	41.76	19.59	67.74	-	-	A	H
		17980	59.6	-14.4	74	58.6	47.92	22.5	69.42	-	-	P	H
		17980	49.8	-4.2	54	48.8	47.92	22.5	69.42	-	-	A	H
		19425	37.33	-36.67	74	39.02	37.58	13.49	52.76	-	-	P	H
i802.11ax		39054	52.1	-21.9	74	38.4	44.28	23.95	54.53	-	-	P	H
HE20 Full		39054	43.39	-10.61	54	29.69	44.28	23.95	54.53	-	-	A	H
CH 105		10830	50.02	-23.98	74	61.43	40.11	16.72	68.24	-	-	P	V
6475MHz		10830	40.22	-13.78	54	51.63	40.11	16.72	68.24	-	-	A	V
		12950	48.98	-39.22	88.2	59.21	39.12	18.47	67.82	-	-	P	V
		13390	49.72	-24.28	74	58.96	39.63	18.81	67.68	-	-	P	V
		13390	42.19	-11.81	54	51.43	39.63	18.81	67.68	-	-	A	V
		14490	51.75	-22.25	74	58.27	41.63	19.59	67.74	-	-	P	V
		14490	42.29	-11.71	54	48.81	41.63	19.59	67.74	-	-	A	V
		17950	58.69	-15.31	74	58.8	46.85	22.46	69.42	-	-	P	V
		17950	48.59	-5.41	54	48.7	46.85	22.46	69.42	-	-	A	V
		19425	38.05	-35.95	74	39.64	37.68	13.49	52.76	-	-	P	V
		39560	52.09	-21.91	74	37.3	44.56	24.29	54.06	-	-	P	V
		39560	45.09	-8.91	54	30.3	44.56	24.29	54.06	-	-	A	V

WIFI Ant. 7+2	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)
		11240	49.7	-24.3	74	60.66	39.82	17.03	67.81	-	-	P	H
		11240	40.28	-13.72	54	51.24	39.82	17.03	67.81	-	-	A	H
		13030	49.1	-39.1	88.2	59.55	38.92	18.52	67.89	-	-	P	H
		13320	50.32	-23.68	74	59.9	39.39	18.75	67.72	-	-	P	H
		13320	42.11	-11.89	54	51.69	39.39	18.75	67.72	-	-	A	H
		14490	52.01	-21.99	74	58.4	41.76	19.59	67.74	-	-	P	H
		14490	42.56	-11.44	54	48.95	41.76	19.59	67.74	-	-	A	H
		17950	59.39	-14.61	74	59.2	47.15	22.46	69.42	-	-	P	H
		17950	48.79	-5.21	54	48.6	47.15	22.46	69.42	-	-	A	H
		19545	36.75	-37.25	74	38.49	37.57	13.47	52.78	-	-	P	H
802.11ax		39736	52.47	-21.53	74	37.1	44.79	24.41	53.83	-	-	P	H
HE20 Full		39736	45.06	-8.94	54	29.69	44.79	24.41	53.83	-	-	A	H
CH 113		10870	50.71	-23.29	74	61.91	40.24	16.75	68.19	-	-	P	V
6515MHz		10870	40.43	-13.57	54	51.63	40.24	16.75	68.19	-	-	A	V
		13030	49.51	-38.69	88.2	59.86	39.02	18.52	67.89	-	-	P	V
		13320	50.06	-23.94	74	59.64	39.39	18.75	67.72	-	-	P	V
		13320	41.63	-12.37	54	51.21	39.39	18.75	67.72	-	-	A	V
		14490	51.17	-22.83	74	57.69	41.63	19.59	67.74	-	-	P	V
		14490	42.08	-11.92	54	48.6	41.63	19.59	67.74	-	-	A	V
		17980	58.82	-15.18	74	58.19	47.55	22.5	69.42	-	-	P	V
		17980	49.22	-4.78	54	48.59	47.55	22.5	69.42	-	-	A	V
		19545	37.3	-36.7	74	38.94	37.67	13.47	52.78	-	-	P	V
		39802	53.35	-20.65	74	37.56	44.63	24.46	53.3	-	-	P	V
		39802	46.2	-7.8	54	30.41	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE40 Full (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11410	50.71	-23.29	74	61.11	40.11	17.16	67.67	-	-	P	H
		11410	40.88	-13.12	54	51.28	40.11	17.16	67.67	-	-	A	H
		12890	48.14	-40.06	88.2	58.34	39.09	18.42	67.71	-	-	P	H
		13360	49.13	-24.87	74	58.49	39.54	18.79	67.69	-	-	P	H
		13360	41.83	-12.17	54	51.19	39.54	18.79	67.69	-	-	A	H
		14490	51.51	-22.49	74	57.9	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		17990	59.66	-14.34	74	58.39	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
		19335	37.3	-36.7	74	38.93	37.6	13.51	52.74	-	-	P	H
802.11ax		39802	52.79	-21.21	74	36.8	44.83	24.46	53.3	-	-	P	H
HE40 Full		39802	45.84	-8.16	54	29.85	44.83	24.46	53.3	-	-	A	H
CH 99		11350	50.76	-23.24	74	61.42	39.95	17.11	67.72	-	-	P	V
6445MHz		11350	40.68	-13.32	54	51.34	39.95	17.11	67.72	-	-	A	V
		12890	50.71	-37.49	88.2	60.85	39.15	18.42	67.71	-	-	P	V
		13290	49.95	-24.05	74	59.69	39.27	18.73	67.74	-	-	P	V
		13290	41.81	-12.19	54	51.55	39.27	18.73	67.74	-	-	A	V
		14490	51.28	-22.72	74	57.8	41.63	19.59	67.74	-	-	P	V
		14490	42.19	-11.81	54	48.71	41.63	19.59	67.74	-	-	A	V
		17980	59.12	-14.88	74	58.49	47.55	22.5	69.42	-	-	P	V
		17980	49.42	-4.58	54	48.79	47.55	22.5	69.42	-	-	A	V
		19335	37.37	-36.63	74	38.9	37.7	13.51	52.74	-	-	P	V
		39714	52.45	-21.55	74	37.47	44.6	24.4	54.02	-	-	P	V
		39714	45.21	-8.79	54	30.23	44.6	24.4	54.02	-	-	A	V

WIFI Ant. 7+2	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)
		10920	49.7	-24.3	74	60.69	40.34	16.79	68.12	-	-	P	H
		10920	40.55	-13.45	54	51.54	40.34	16.79	68.12	-	-	A	H
		12970	49.33	-38.87	88.2	59.69	39.02	18.48	67.86	-	-	P	H
		13310	49.32	-24.68	74	58.95	39.35	18.74	67.72	-	-	P	H
		13310	41.05	-12.95	54	50.68	39.35	18.74	67.72	-	-	A	H
		14490	51.41	-22.59	74	57.8	41.76	19.59	67.74	-	-	P	H
		14490	42.31	-11.69	54	48.7	41.76	19.59	67.74	-	-	A	H
		17980	59.4	-14.6	74	58.4	47.92	22.5	69.42	-	-	P	H
		17980	49.6	-4.4	54	48.6	47.92	22.5	69.42	-	-	A	H
		19455	37.03	-36.97	74	38.73	37.58	13.49	52.77	-	-	P	H
802.11ax		39802	52.79	-21.21	74	36.8	44.83	24.46	53.3	-	-	P	H
HE40 Full		39802	45.77	-8.23	54	29.78	44.83	24.46	53.3	-	-	A	H
CH 107		11360	50.58	-23.42	74	61.2	39.97	17.12	67.71	-	-	P	V
6485MHz		11360	40.62	-13.38	54	51.24	39.97	17.12	67.71	-	-	A	V
		12970	49.9	-38.3	88.2	60.16	39.12	18.48	67.86	-	-	P	V
		13320	49.33	-24.67	74	58.91	39.39	18.75	67.72	-	-	P	V
		13320	40.54	-13.46	54	50.12	39.39	18.75	67.72	-	-	A	V
		14490	51.3	-22.7	74	57.82	41.63	19.59	67.74	-	-	P	V
		14490	42.43	-11.57	54	48.95	41.63	19.59	67.74	-	-	A	V
		17980	59.42	-14.58	74	58.79	47.55	22.5	69.42	-	-	P	V
		17980	49.32	-4.68	54	48.69	47.55	22.5	69.42	-	-	A	V
		19455	36.9	-37.1	74	38.5	37.68	13.49	52.77	-	-	P	V
		39868	52.73	-21.27	74	37.42	44.65	24.5	53.84	-	-	P	V
		39868	45.92	-8.08	54	30.61	44.65	24.5	53.84	-	-	A	V

WIFI Ant. 7+2	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)
		11470	50.95	-23.05	74	61.21	40.15	17.21	67.62	-	-	P	H
		11470	41.18	-12.82	54	51.44	40.15	17.21	67.62	-	-	A	H
		13050	49.19	-39.01	88.2	59.64	38.89	18.54	67.88	-	-	P	H
		13300	48.93	-25.07	74	58.61	39.31	18.74	67.73	-	-	P	H
		13300	41.73	-12.27	54	51.41	39.31	18.74	67.73	-	-	A	H
		14490	51.07	-22.93	74	57.46	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		17960	60.46	-13.54	74	60	47.41	22.47	69.42	-	-	P	H
		17960	49.86	-4.14	54	49.4	47.41	22.47	69.42	-	-	A	H
		19575	37.04	-36.96	74	38.76	37.58	13.47	52.77	-	-	P	H
802.11ax		39956	52.3	-21.7	74	36.99	44.92	24.56	54.17	-	-	P	H
HE40 Full		39956	45.05	-8.95	54	29.74	44.92	24.56	54.17	-	-	A	H
CH 115		11470	50.27	-23.73	74	60.45	40.23	17.21	67.62	-	-	P	V
6525MHz		11470	41.17	-12.83	54	51.35	40.23	17.21	67.62	-	-	A	V
		13050	52.77	-35.43	88.2	63.14	38.97	18.54	67.88	-	-	P	V
		13320	50.42	-23.58	74	60	39.39	18.75	67.72	-	-	P	V
		13320	41.19	-12.81	54	50.77	39.39	18.75	67.72	-	-	A	V
		14490	51.28	-22.72	74	57.8	41.63	19.59	67.74	-	-	P	V
		14490	41.98	-12.02	54	48.5	41.63	19.59	67.74	-	-	A	V
		17990	59.67	-14.33	74	58.8	47.78	22.51	69.42	-	-	P	V
		17990	49.47	-4.53	54	48.6	47.78	22.51	69.42	-	-	A	V
		19575	37.06	-36.94	74	38.69	37.67	13.47	52.77	-	-	P	V
		39780	52.4	-21.6	74	36.79	44.62	24.44	53.45	-	-	P	V
		39780	45.74	-8.26	54	30.13	44.62	24.44	53.45	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
		10900	50.16	-23.84	74	61.2	40.34	16.77	68.15	-	-	P	H
		10900	40.31	-13.69	54	51.35	40.34	16.77	68.15	-	-	A	H
		12930	50.22	-37.98	88.2	60.47	39.07	18.46	67.78	-	-	P	H
		13350	49.48	-24.52	74	58.9	39.5	18.78	67.7	-	-	P	H
		13350	41.29	-12.71	54	50.71	39.5	18.78	67.7	-	-	A	H
		14490	51.81	-22.19	74	58.2	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		19395	37.73	-36.27	74	39.39	37.59	13.5	52.75	-	-	P	H
802.11ax		39758	52.49	-21.51	74	36.9	44.8	24.43	53.64	-	-	P	H
HE80 Full		39758	45.24	-8.76	54	29.65	44.8	24.43	53.64	-	-	A	H
CH 103		11390	50.93	-23.07	74	61.42	40.04	17.15	67.68	-	-	P	V
6465MHz		11390	40.82	-13.18	54	51.31	40.04	17.15	67.68	-	-	A	V
		12930	51.19	-37.01	88.2	61.38	39.13	18.46	67.78	-	-	P	V
		13310	49.27	-24.73	74	58.9	39.35	18.74	67.72	-	-	P	V
		13310	41.29	-12.71	54	50.92	39.35	18.74	67.72	-	-	A	V
		14490	51.43	-22.57	74	57.95	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17980	59.22	-14.78	74	58.59	47.55	22.5	69.42	-	-	P	V
		17980	49.22	-4.78	54	48.59	47.55	22.5	69.42	-	-	A	V
		19395	37.93	-36.07	74	39.49	37.69	13.5	52.75	-	-	P	V
		39758	52.51	-21.49	74	37.1	44.62	24.43	53.64	-	-	P	V
		39758	45.62	-8.38	54	30.21	44.62	24.43	53.64	-	-	A	V

WIFI Ant. 7+2	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)
		11360	49.74	-24.26	74	60.37	39.96	17.12	67.71	-	-	P	H
		11360	40.68	-13.32	54	51.31	39.96	17.12	67.71	-	-	A	H
		13090	47.57	-40.63	88.2	57.95	38.92	18.56	67.86	-	-	P	H
		13370	49.48	-24.52	74	58.81	39.57	18.79	67.69	-	-	P	H
		13370	42.14	-11.86	54	51.47	39.57	18.79	67.69	-	-	A	H
		14490	51.42	-22.58	74	57.81	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		17960	59.96	-14.04	74	59.5	47.41	22.47	69.42	-	-	P	H
		17960	49.36	-4.64	54	48.9	47.41	22.47	69.42	-	-	A	H
		19635	36.77	-37.23	74	38.51	37.59	13.46	52.79	-	-	P	H
802.11ax		39846	52.8	-21.2	74	37.12	44.85	24.49	53.66	-	-	P	H
HE80 Full		39846	45.85	-8.15	54	30.17	44.85	24.49	53.66	-	-	A	H
CH 119		11150	50.09	-23.91	74	61.11	39.9	16.97	67.89	-	-	P	V
6545MHz		11150	40.09	-13.91	54	51.11	39.9	16.97	67.89	-	-	A	V
		13090	49.97	-38.23	88.2	60.35	38.92	18.56	67.86	-	-	P	V
		13280	49.1	-24.9	74	58.89	39.23	18.72	67.74	-	-	P	V
		13280	41.11	-12.89	54	50.9	39.23	18.72	67.74	-	-	A	V
		14490	52.37	-21.63	74	58.89	41.63	19.59	67.74	-	-	P	V
		14490	42.6	-11.4	54	49.12	41.63	19.59	67.74	-	-	A	V
		17990	59.17	-14.83	74	58.3	47.78	22.51	69.42	-	-	P	V
		17990	49.27	-4.73	54	48.4	47.78	22.51	69.42	-	-	A	V
		19635	36.95	-37.05	74	38.61	37.67	13.46	52.79	-	-	P	V
		39450	52.16	-21.84	74	37.63	44.5	24.22	54.19	-	-	P	V
		39450	44.42	-9.58	54	29.89	44.5	24.22	54.19	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
		11320	49.63	-24.37	74	60.4	39.87	17.1	67.74	-	-	P	H
		11320	40.82	-13.18	54	51.59	39.87	17.1	67.74	-	-	A	H
		13010	46.74	-41.46	88.2	57.17	38.95	18.52	67.9	-	-	P	H
		13330	49.38	-24.62	74	58.9	39.43	18.76	67.71	-	-	P	H
		13330	42.28	-11.72	54	51.8	39.43	18.76	67.71	-	-	A	H
		14490	51.6	-22.4	74	57.99	41.76	19.59	67.74	-	-	P	H
		14490	43.22	-10.78	54	49.61	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		19515	36.99	-37.01	74	38.72	37.57	13.48	52.78	-	-	P	H
802.11ax		39758	52.49	-21.51	74	36.9	44.8	24.43	53.64	-	-	P	H
HE160 Full		39758	45.16	-8.84	54	29.57	44.8	24.43	53.64	-	-	A	H
CH 111		11240	49.97	-24.03	74	60.86	39.89	17.03	67.81	-	-	P	V
6505MHz		11240	40.92	-13.08	54	51.81	39.89	17.03	67.81	-	-	A	V
		13010	48	-40.2	88.2	58.3	39.08	18.52	67.9	-	-	P	V
		13320	49.23	-24.77	74	58.81	39.39	18.75	67.72	-	-	P	V
		13320	41.73	-12.27	54	51.31	39.39	18.75	67.72	-	-	A	V
		14490	51.04	-22.96	74	57.56	41.63	19.59	67.74	-	-	P	V
		14490	42.6	-11.4	54	49.12	41.63	19.59	67.74	-	-	A	V
		17930	59.06	-14.94	74	59.61	46.44	22.43	69.42	-	-	P	V
		17930	49.16	-4.84	54	49.71	46.44	22.43	69.42	-	-	A	V
		19515	36.46	-37.54	74	38.09	37.67	13.48	52.78	-	-	P	V
		39516	52.16	-21.84	74	37.4	44.54	24.26	54.04	-	-	P	V
		39516	45.07	-8.93	54	30.31	44.54	24.26	54.04	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE20 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.	
7+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11370	50.38	-23.62	74	60.96	39.99	17.13	67.7	-	-	P	H
		11370	40.63	-13.37	54	51.21	39.99	17.13	67.7	-	-	A	H
		13070	48.08	-40.12	88.2	58.48	38.91	18.56	67.87	-	-	P	H
		13290	49.24	-24.76	74	58.97	39.28	18.73	67.74	-	-	P	H
		13290	41.37	-12.63	54	51.1	39.28	18.73	67.74	-	-	A	H
		14490	51.56	-22.44	74	57.95	41.76	19.59	67.74	-	-	P	H
		14490	41.92	-12.08	54	48.31	41.76	19.59	67.74	-	-	A	H
		17940	59.25	-14.75	74	59.31	46.92	22.44	69.42	-	-	P	H
		17940	48.35	-5.65	54	48.41	46.92	22.44	69.42	-	-	A	H
		19605	37.57	-36.43	74	39.3	37.58	13.46	52.77	-	-	P	H
802.11ax		40000	52.4	-21.6	74	37.1	44.94	24.59	54.23	-	-	P	H
HE20 Full		40000	45.16	-8.84	54	29.86	44.94	24.59	54.23	-	-	A	H
CH 117		10850	50.29	-23.71	74	61.54	40.22	16.74	68.21	-	-	P	V
6535MHz		10850	39.97	-14.03	54	51.22	40.22	16.74	68.21	-	-	A	V
		13070	50.13	-38.07	88.2	60.5	38.94	18.56	67.87	-	-	P	V
		13340	49.49	-24.51	74	58.95	39.48	18.77	67.71	-	-	P	V
		13340	42.15	-11.85	54	51.61	39.48	18.77	67.71	-	-	A	V
		14490	51.39	-22.61	74	57.91	41.63	19.59	67.74	-	-	P	V
		14490	42.59	-11.41	54	49.11	41.63	19.59	67.74	-	-	A	V
		17980	59.52	-14.48	74	58.89	47.55	22.5	69.42	-	-	P	V
		17980	49.32	-4.68	54	48.69	47.55	22.5	69.42	-	-	A	V
		19605	37.64	-36.36	74	39.28	37.67	13.46	52.77	-	-	P	V
		39450	51.92	-22.08	74	37.39	44.5	24.22	54.19	-	-	P	V
		39450	44.65	-9.35	54	30.12	44.5	24.22	54.19	-	-	A	V

WIFI Ant. 7+2	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)
		11750	49.91	-24.09	74	60.89	39.26	17.45	67.69	-	-	P	H
		11750	40.46	-13.54	54	51.44	39.26	17.45	67.69	-	-	A	H
		13390	49.67	-24.33	74	58.91	39.63	18.81	67.68	269	205	P	H
		13390	40.89	-13.11	54	50.13	39.63	18.81	67.68	269	205	A	H
		14490	51.82	-22.18	74	58.21	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		17980	59.8	-14.2	74	58.8	47.92	22.5	69.42	-	-	P	H
		17980	49.7	-4.3	54	48.7	47.92	22.5	69.42	-	-	A	H
		20085	37.3	-36.7	74	39.07	37.67	13.45	52.89	-	-	P	H
		39736	52.47	-21.53	74	37.1	44.79	24.41	53.83	-	-	P	H
802.11ax		39736	45.57	-8.43	54	30.2	44.79	24.41	53.83	-	-	A	H
HE20 Full													
CH 149		11580	51.15	-22.85	74	61.43	40.03	17.31	67.62	-	-	P	V
6695MHz		11580	41.02	-12.98	54	51.3	40.03	17.31	67.62	-	-	A	V
		13390	51.27	-22.73	74	60.51	39.63	18.81	67.68	285	221	P	V
		13390	42.21	-11.79	54	51.45	39.63	18.81	67.68	285	221	A	V
		14490	53.09	-20.91	74	59.61	41.63	19.59	67.74	-	-	P	V
		14490	43.15	-10.85	54	49.67	41.63	19.59	67.74	-	-	A	V
		17990	59.47	-14.53	74	58.6	47.78	22.51	69.42	-	-	P	V
		17990	49.67	-4.33	54	48.8	47.78	22.51	69.42	-	-	A	V
		20085	37.77	-36.23	74	39.52	37.69	13.45	52.89	-	-	P	V
		39340	51.85	-22.15	74	37.6	44.41	24.14	54.3	-	-	P	V
		39340	44.16	-9.84	54	29.91	44.41	24.14	54.3	-	-	A	V

WIFI Ant. 7+2	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)
		11400	50.36	-23.64	74	60.79	40.1	17.15	67.68	-	-	P	H
		11400	41.01	-12.99	54	51.44	40.1	17.15	67.68	-	-	A	H
		13320	50.03	-23.97	74	59.61	39.39	18.75	67.72	-	-	P	H
		13320	41.76	-12.24	54	51.34	39.39	18.75	67.72	-	-	A	H
		13710	48.59	-39.61	88.2	57.4	40.04	19.02	67.87	-	-	P	H
		14490	51.51	-22.49	74	57.9	41.76	19.59	67.74	-	-	P	H
		14490	42.57	-11.43	54	48.96	41.76	19.59	67.74	-	-	A	H
		17990	59.76	-14.24	74	58.49	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
		20565	36.46	-37.54	74	37.62	37.84	13.8	52.8	-	-	P	H
802.11ax		39846	52.48	-21.52	74	36.8	44.85	24.49	53.66	-	-	P	H
HE20 Full		39846	45.63	-8.37	54	29.95	44.85	24.49	53.66	-	-	A	H
CH 181		10720	49.61	-24.39	74	61.55	39.77	16.67	68.38	-	-	P	V
6855MHz		10720	39.92	-14.08	54	51.86	39.77	16.67	68.38	-	-	A	V
		13350	49.73	-24.27	74	59.12	39.53	18.78	67.7	-	-	P	V
		13350	42.1	-11.9	54	51.49	39.53	18.78	67.7	-	-	A	V
		13710	48.98	-39.22	88.2	57.77	40.06	19.02	67.87	-	-	P	V
		14490	51.29	-22.71	74	57.81	41.63	19.59	67.74	-	-	P	V
		14490	42.99	-11.01	54	49.51	41.63	19.59	67.74	-	-	A	V
		17980	59.32	-14.68	74	58.69	47.55	22.5	69.42	-	-	P	V
		17980	49.12	-4.88	54	48.49	47.55	22.5	69.42	-	-	A	V
		20565	37.38	-36.62	74	38.59	37.79	13.8	52.8	-	-	P	V
		39736	52.69	-21.31	74	37.5	44.61	24.41	53.83	-	-	P	V
		39736	45.75	-8.25	54	30.56	44.61	24.41	53.83	-	-	A	V

WIFI Ant. 7+2	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)
		11440	50.09	-23.91	74	60.39	40.15	17.19	67.64	-	-	P	H
		11440	40.92	-13.08	54	51.22	40.15	17.19	67.64	-	-	A	H
		13340	50.63	-23.37	74	60.1	39.47	18.77	67.71	-	-	P	H
		13340	41.97	-12.03	54	51.44	39.47	18.77	67.71	-	-	A	H
		13750	49.29	-38.91	88.2	58.02	40.16	19.03	67.92	-	-	P	H
		14490	51.12	-22.88	74	57.51	41.76	19.59	67.74	-	-	P	H
		14490	42.79	-11.21	54	49.18	41.76	19.59	67.74	-	-	A	H
		17940	59.55	-14.45	74	59.61	46.92	22.44	69.42	-	-	P	H
		17940	49.15	-4.85	54	49.21	46.92	22.44	69.42	-	-	A	H
		20625	37.7	-36.3	74	38.77	37.86	13.85	52.78	-	-	P	H
i802.11ax		39956	52.2	-21.8	74	36.89	44.92	24.56	54.17	-	-	P	H
HE20 Full		39956	44.89	-9.11	54	29.58	44.92	24.56	54.17	-	-	A	H
CH 185		11340	50.73	-23.27	74	61.41	39.94	17.11	67.73	-	-	P	V
6875MHz		11340	40.95	-13.05	54	51.63	39.94	17.11	67.73	-	-	A	V
		13350	50.21	-23.79	74	59.6	39.53	18.78	67.7	-	-	P	V
		13350	42.15	-11.85	54	51.54	39.53	18.78	67.7	-	-	A	V
		13750	48.91	-39.29	88.2	57.81	39.99	19.03	67.92	-	-	P	V
		14490	53.04	-20.96	74	59.56	41.63	19.59	67.74	-	-	P	V
		14490	43.29	-10.71	54	49.81	41.63	19.59	67.74	-	-	A	V
		17990	60.17	-13.83	74	59.3	47.78	22.51	69.42	-	-	P	V
		17990	50.27	-3.73	54	49.4	47.78	22.51	69.42	-	-	A	V
		20625	37.67	-36.33	74	38.78	37.82	13.85	52.78	-	-	P	V
		39626	52.02	-21.98	74	37.19	44.58	24.34	54.09	-	-	P	V
		39626	44.94	-9.06	54	30.11	44.58	24.34	54.09	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE40 Full (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		10880	50.27	-23.73	74	61.41	40.28	16.76	68.18	-	-	P	H
		10880	40.14	-13.86	54	51.28	40.28	16.76	68.18	-	-	A	H
		13130	49.45	-38.75	88.2	59.73	38.95	18.6	67.83	-	-	P	H
		13280	49.42	-24.58	74	59.2	39.24	18.72	67.74	-	-	P	H
		13280	41.55	-12.45	54	51.33	39.24	18.72	67.74	-	-	A	H
		14490	52.27	-21.73	74	58.66	41.76	19.59	67.74	-	-	P	H
		14490	43.16	-10.84	54	49.55	41.76	19.59	67.74	-	-	A	H
		17960	60.56	-13.44	74	60.1	47.41	22.47	69.42	-	-	P	H
		17960	50.36	-3.64	54	49.9	47.41	22.47	69.42	-	-	A	H
		19695	36.4	-37.6	74	38.21	37.59	13.44	52.84	-	-	P	H
802.11ax		39934	52.4	-21.6	74	37.09	44.9	24.55	54.14	-	-	P	H
HE40 Full		39934	45.21	-8.79	54	29.9	44.9	24.55	54.14	-	-	A	H
CH 123		11170	50.12	-23.88	74	61.1	39.9	16.99	67.87	-	-	P	V
6565MHz		11170	40.84	-13.16	54	51.82	39.9	16.99	67.87	-	-	A	V
		13130	50.84	-37.36	88.2	61.13	38.94	18.6	67.83	-	-	P	V
		13340	50.45	-23.55	74	59.91	39.48	18.77	67.71	-	-	P	V
		13340	42.43	-11.57	54	51.89	39.48	18.77	67.71	-	-	A	V
		14490	51.43	-22.57	74	57.95	41.63	19.59	67.74	-	-	P	V
		14490	42.68	-11.32	54	49.2	41.63	19.59	67.74	-	-	A	V
		17930	59.66	-14.34	74	60.21	46.44	22.43	69.42	-	-	P	V
		17930	49.16	-4.84	54	49.71	46.44	22.43	69.42	-	-	A	V
		19695	37.23	-36.77	74	38.96	37.67	13.44	52.84	-	-	P	V
		39758	52.2	-21.8	74	36.79	44.62	24.43	53.64	-	-	P	V
		39758	45.71	-8.29	54	30.3	44.62	24.43	53.64	-	-	A	V

WIFI Ant. 7+2	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)
		10960	50.27	-23.73	74	61.2	40.32	16.82	68.07	-	-	P	H
		10960	40.4	-13.6	54	51.33	40.32	16.82	68.07	-	-	A	H
		13370	49.47	-24.53	74	58.8	39.57	18.79	67.69	264	109	P	H
		13370	41.53	-12.47	54	50.86	39.57	18.79	67.69	264	109	A	H
		14490	51.51	-22.49	74	57.9	41.76	19.59	67.74	-	-	P	H
		14490	42.72	-11.28	54	49.11	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		20055	36.96	-37.04	74	38.77	37.65	13.43	52.89	-	-	P	H
		39802	52.49	-21.51	74	36.5	44.83	24.46	53.3	-	-	P	H
802.11ax		39802	45.58	-8.42	54	29.59	44.83	24.46	53.3	-	-	A	H
HE40 Full													
CH 147		10980	50.54	-23.46	74	61.45	40.3	16.84	68.05	-	-	P	V
6685MHz		10980	40.6	-13.4	54	51.51	40.3	16.84	68.05	-	-	A	V
		13370	55	-19	74	64.32	39.58	18.79	67.69	400	308	P	V
		13370	44.57	-9.43	54	53.89	39.58	18.79	67.69	400	308	A	V
		14490	51.99	-22.01	74	58.51	41.63	19.59	67.74	-	-	P	V
		14490	42.93	-11.07	54	49.45	41.63	19.59	67.74	-	-	A	V
		17960	59.44	-14.56	74	59.31	47.08	22.47	69.42	-	-	P	V
		17960	49.24	-4.76	54	49.11	47.08	22.47	69.42	-	-	A	V
		20055	37.3	-36.7	74	39.07	37.69	13.43	52.89	-	-	P	V
		39780	52.41	-21.59	74	36.8	44.62	24.44	53.45	-	-	P	V
		39780	45.94	-8.06	54	30.33	44.62	24.44	53.45	-	-	A	V

WIFI Ant. 7+2	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)
		11420	50.19	-23.81	74	60.56	40.12	17.17	67.66	-	-	P	H
		11420	41.28	-12.72	54	51.65	40.12	17.17	67.66	-	-	A	H
		13390	50.68	-23.32	74	59.92	39.63	18.81	67.68	-	-	P	H
		13390	41.57	-12.43	54	50.81	39.63	18.81	67.68	-	-	A	H
		13690	49.47	-38.73	88.2	58.3	40.01	19.01	67.85	-	-	P	H
		14490	51.28	-22.72	74	57.67	41.76	19.59	67.74	-	-	P	H
		14490	43.43	-10.57	54	49.82	41.76	19.59	67.74	-	-	A	H
		18000	60.13	-13.87	74	58.6	48.43	22.52	69.42	-	-	P	H
		18000	49.83	-4.17	54	48.3	48.43	22.52	69.42	-	-	A	H
		20535	36.35	-37.65	74	37.58	37.82	13.78	52.83	-	-	P	H
802.11ax		39824	52.43	-21.57	74	36.6	44.84	24.47	53.48	-	-	P	H
HE40 Full		39824	45.69	-8.31	54	29.86	44.84	24.47	53.48	-	-	A	H
CH 179		11390	50	-24	74	60.49	40.04	17.15	67.68	-	-	P	V
6845MHz		11390	40.84	-13.16	54	51.33	40.04	17.15	67.68	-	-	A	V
		13390	49.67	-24.33	74	58.91	39.63	18.81	67.68	-	-	P	V
		13390	42.46	-11.54	54	51.7	39.63	18.81	67.68	-	-	A	V
		13690	50.31	-37.89	88.2	59.1	40.05	19.01	67.85	-	-	P	V
		14490	51.28	-22.72	74	57.8	41.63	19.59	67.74	-	-	P	V
		14490	44.27	-9.73	54	50.79	41.63	19.59	67.74	-	-	A	V
		17990	59.67	-14.33	74	58.8	47.78	22.51	69.42	-	-	P	V
		17990	49.37	-4.63	54	48.5	47.78	22.51	69.42	-	-	A	V
		20535	36.87	-37.13	74	38.14	37.78	13.78	52.83	-	-	P	V
		39846	52.57	-21.43	74	37.1	44.64	24.49	53.66	-	-	P	V
		39846	45.97	-8.03	54	30.5	44.64	24.49	53.66	-	-	A	V

WIFI Ant. 7+2	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)
		10850	50.01	-23.99	74	61.3	40.18	16.74	68.21	-	-	P	H
		10850	39.94	-14.06	54	51.23	40.18	16.74	68.21	-	-	A	H
		13300	48.87	-25.13	74	58.55	39.31	18.74	67.73	-	-	P	H
		13300	41.81	-12.19	54	51.49	39.31	18.74	67.73	-	-	A	H
		13770	49.44	-38.76	88.2	58.17	40.16	19.05	67.94	-	-	P	H
		14490	51.42	-22.58	74	57.81	41.76	19.59	67.74	-	-	P	H
		14490	42.75	-11.25	54	49.14	41.76	19.59	67.74	-	-	A	H
		17990	59.46	-14.54	74	58.19	48.18	22.51	69.42	-	-	P	H
		17990	49.56	-4.44	54	48.29	48.18	22.51	69.42	-	-	A	H
		20655	36.63	-37.37	74	37.65	37.88	13.87	52.77	-	-	P	H
802.11ax		39692	51.91	-22.09	74	36.9	44.76	24.38	54.13	-	-	P	H
HE40 Full		39692	44.46	-9.54	54	29.45	44.76	24.38	54.13	-	-	A	H
CH 187		11370	50.12	-23.88	74	60.7	39.99	17.13	67.7	-	-	P	V
6885MHz		11370	41.07	-12.93	54	51.65	39.99	17.13	67.7	-	-	A	V
		13350	49.51	-24.49	74	58.9	39.53	18.78	67.7	-	-	P	V
		13350	41.3	-12.7	54	50.69	39.53	18.78	67.7	-	-	A	V
		13770	49.12	-39.08	88.2	57.96	40.05	19.05	67.94	-	-	P	V
		14490	51.29	-22.71	74	57.81	41.63	19.59	67.74	-	-	P	V
		14490	42.08	-11.92	54	48.6	41.63	19.59	67.74	-	-	A	V
		18000	59.41	-14.59	74	58.3	48.01	22.52	69.42	-	-	P	V
		18000	49.31	-4.69	54	48.2	48.01	22.52	69.42	-	-	A	V
		20655	36.94	-37.06	74	38.01	37.83	13.87	52.77	-	-	P	V
		39802	52.38	-21.62	74	36.59	44.63	24.46	53.3	-	-	P	V
		39802	45.9	-8.1	54	30.11	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit 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 Ant. 7+2	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)
		11450	50.84	-23.16	74	61.12	40.16	17.19	67.63	-	-	P	H
		11450	41.32	-12.68	54	51.6	40.16	17.19	67.63	-	-	A	H
		13250	50.58	-23.42	74	60.53	39.13	18.68	67.76	266	205	P	H
		13250	41.47	-12.53	54	51.42	39.13	18.68	67.76	266	205	A	H
		14490	51.21	-22.79	74	57.6	41.76	19.59	67.74	-	-	P	H
		14490	42.83	-11.17	54	49.22	41.76	19.59	67.74	-	-	A	H
		17980	59.3	-14.7	74	58.3	47.92	22.5	69.42	-	-	P	H
		17980	49.4	-4.6	54	48.4	47.92	22.5	69.42	-	-	A	H
		19875	36.64	-37.36	74	38.49	37.62	13.41	52.88	-	-	P	H
		39780	52.7	-21.3	74	36.9	44.81	24.44	53.45	-	-	P	H
802.11ax		39780	45.49	-8.51	54	29.69	44.81	24.44	53.45	-	-	A	H
HE80 Full													
CH 135		11260	50.48	-23.52	74	61.34	39.89	17.05	67.8	-	-	P	V
6625MHz		11260	40.76	-13.24	54	51.62	39.89	17.05	67.8	-	-	A	V
		13250	54.19	-19.81	74	64.16	39.11	18.68	67.76	142	330	P	V
		13250	45	-9	54	54.97	39.11	18.68	67.76	142	330	A	V
		14490	51.18	-22.82	74	57.7	41.63	19.59	67.74	-	-	P	V
		14490	42.84	-11.16	54	49.36	41.63	19.59	67.74	-	-	A	V
		17980	59.22	-14.78	74	58.59	47.55	22.5	69.42	-	-	P	V
		17980	49.12	-4.88	54	48.49	47.55	22.5	69.42	-	-	A	V
		19875	36.1	-37.9	74	37.89	37.68	13.41	52.88	-	-	P	V
		39494	52.02	-21.98	74	37.3	44.53	24.25	54.06	-	-	P	V
		39494	44.89	-9.11	54	30.17	44.53	24.25	54.06	-	-	A	V

WIFI Ant. 7+2	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)
		11320	49.73	-24.27	74	60.5	39.87	17.1	67.74	-	-	P	H
		11320	40.52	-13.48	54	51.29	39.87	17.1	67.74	-	-	A	H
		13410	52.5	-35.7	88.2	61.61	39.72	18.83	67.66	-	-	P	H
		14490	51.11	-22.89	74	57.5	41.76	19.59	67.74	-	-	P	H
		14490	43.11	-10.89	54	49.5	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	50.13	-3.87	54	48.6	48.43	22.52	69.42	-	-	A	H
		20115	37.36	-36.64	74	39.1	37.68	13.47	52.89	-	-	P	H
		39736	52.27	-21.73	74	36.9	44.79	24.41	53.83	-	-	P	H
		39736	45.22	-8.78	54	29.85	44.79	24.41	53.83	-	-	A	H
802.11ax													
HE80 Full													
CH 151		11360	50.13	-23.87	74	60.75	39.97	17.12	67.71	-	-	P	V
6705MHz		11360	40.6	-13.4	54	51.22	39.97	17.12	67.71	-	-	A	V
		13410	56.2	-32	88.2	65.35	39.68	18.83	67.66	-	-	P	V
		14490	51.98	-22.02	74	58.5	41.63	19.59	67.74	-	-	P	V
		14490	41.99	-12.01	54	48.51	41.63	19.59	67.74	-	-	A	V
		17950	58.79	-15.21	74	58.9	46.85	22.46	69.42	-	-	P	V
		17950	49.39	-4.61	54	49.5	46.85	22.46	69.42	-	-	A	V
		20115	37.47	-36.53	74	39.19	37.7	13.47	52.89	-	-	P	V
		39824	52.63	-21.37	74	37	44.64	24.47	53.48	-	-	P	V
		39824	45.68	-8.32	54	30.05	44.64	24.47	53.48	-	-	A	V

WIFI Ant. 7+2	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)
		11420	50.49	-23.51	74	60.86	40.12	17.17	67.66	-	-	P	H
		11420	41.24	-12.76	54	51.61	40.12	17.17	67.66	-	-	A	H
		13390	49.76	-24.24	74	59	39.63	18.81	67.68	-	-	P	H
		13390	42.17	-11.83	54	51.41	39.63	18.81	67.68	-	-	A	H
		13570	50.8	-37.4	88.2	59.49	40.06	18.95	67.7	-	-	P	H
		14490	51.41	-22.59	74	57.8	41.76	19.59	67.74	-	-	P	H
		14490	43.02	-10.98	54	49.41	41.76	19.59	67.74	-	-	A	H
		18000	60.03	-13.97	74	58.5	48.43	22.52	69.42	-	-	P	H
		18000	49.93	-4.07	54	48.4	48.43	22.52	69.42	-	-	A	H
		20355	36.86	-37.14	74	38.34	37.76	13.65	52.89	-	-	P	H
802.11ax		39780	52.3	-21.7	74	36.5	44.81	24.44	53.45	-	-	P	H
HE80 Full		39780	45.92	-8.08	54	30.12	44.81	24.44	53.45	-	-	A	H
CH 167		10950	49.72	-24.28	74	60.65	40.34	16.81	68.08	-	-	P	V
6785MHz		10950	40.3	-13.7	54	51.23	40.34	16.81	68.08	-	-	A	V
		13330	50.09	-23.91	74	59.6	39.44	18.76	67.71	-	-	P	V
		13330	42.15	-11.85	54	51.66	39.44	18.76	67.71	-	-	A	V
		13570	55.61	-32.59	88.2	64.37	39.99	18.95	67.7	-	-	P	V
		14490	50.98	-23.02	74	57.5	41.63	19.59	67.74	-	-	P	V
		14490	42.93	-11.07	54	49.45	41.63	19.59	67.74	-	-	A	V
		17940	58.58	-15.42	74	58.91	46.65	22.44	69.42	-	-	P	V
		17940	48.88	-5.12	54	49.21	46.65	22.44	69.42	-	-	A	V
		20355	37.81	-36.19	74	39.31	37.74	13.65	52.89	-	-	P	V
		39296	51.71	-22.29	74	37.5	44.37	24.11	54.27	-	-	P	V
		39296	44.15	-9.85	54	29.94	44.37	24.11	54.27	-	-	A	V

WIFI Ant. 7+2	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)
		11400	49.88	-24.12	74	60.31	40.1	17.15	67.68	-	-	P	H
		11400	41.02	-12.98	54	51.45	40.1	17.15	67.68	-	-	A	H
		13300	50.54	-23.46	74	60.22	39.31	18.74	67.73	-	-	P	H
		13300	41.52	-12.48	54	51.2	39.31	18.74	67.73	-	-	A	H
		13730	49.1	-39.1	88.2	57.87	40.1	19.03	67.9	-	-	P	H
		14490	51.61	-22.39	74	58	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		17960	59.06	-14.94	74	58.6	47.41	22.47	69.42	-	-	P	H
		17960	48.96	-5.04	54	48.5	47.41	22.47	69.42	-	-	A	H
		20595	36.88	-37.12	74	37.99	37.85	13.82	52.78	-	-	P	H
802.11ax		39010	51.72	-22.28	74	38.1	44.24	23.92	54.54	-	-	P	H
HE80 Full		39010	43.18	-10.82	54	29.56	44.24	23.92	54.54	-	-	A	H
CH 183		11440	50.43	-23.57	74	60.7	40.18	17.19	67.64	-	-	P	V
6865MHz		11440	41.44	-12.56	54	51.71	40.18	17.19	67.64	-	-	A	V
		13320	50.03	-23.97	74	59.61	39.39	18.75	67.72	-	-	P	V
		13320	41.33	-12.67	54	50.91	39.39	18.75	67.72	-	-	A	V
		13730	51.59	-36.61	88.2	60.43	40.03	19.03	67.9	-	-	P	V
		14490	50.98	-23.02	74	57.5	41.63	19.59	67.74	-	-	P	V
		14490	42.18	-11.82	54	48.7	41.63	19.59	67.74	-	-	A	V
		17990	59.27	-14.73	74	58.4	47.78	22.51	69.42	-	-	P	V
		17990	49.17	-4.83	54	48.3	47.78	22.51	69.42	-	-	A	V
		20595	37.45	-36.55	74	38.6	37.81	13.82	52.78	-	-	P	V
		39428	52.02	-21.98	74	37.6	44.48	24.2	54.26	-	-	P	V
		39428	44.59	-9.41	54	30.17	44.48	24.2	54.26	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
		11400	50.78	-23.22	74	61.21	40.1	17.15	67.68	-	-	P	H
		11400	41.23	-12.77	54	51.66	40.1	17.15	67.68	-	-	A	H
		13330	50.03	-23.97	74	59.55	39.43	18.76	67.71	265	332	P	H
		13330	41.98	-12.02	54	51.5	39.43	18.76	67.71	265	332	A	H
		14490	50.91	-23.09	74	57.3	41.76	19.59	67.74	-	-	P	H
		14490	42.29	-11.71	54	48.68	41.76	19.59	67.74	-	-	A	H
		17950	58.99	-15.01	74	58.8	47.15	22.46	69.42	-	-	P	H
		17950	48.69	-5.31	54	48.5	47.15	22.46	69.42	-	-	A	H
		19995	37.22	-36.78	74	39.08	37.64	13.39	52.89	-	-	P	H
		39780	52.4	-21.6	74	36.6	44.81	24.44	53.45	-	-	P	H
802.11ax		39780	45.49	-8.51	54	29.69	44.81	24.44	53.45	-	-	A	H
HE160 Full													
CH 143		11370	50.54	-23.46	74	61.12	39.99	17.13	67.7	-	-	P	V
6665MHz		11370	40.73	-13.27	54	51.31	39.99	17.13	67.7	-	-	A	V
		13330	50.03	-23.97	74	59.54	39.44	18.76	67.71	397	228	P	V
		13330	41.34	-12.66	54	50.85	39.44	18.76	67.71	397	228	A	V
		14490	50.88	-23.12	74	57.4	41.63	19.59	67.74	-	-	P	V
		14490	42.18	-11.82	54	48.7	41.63	19.59	67.74	-	-	A	V
		17940	58.88	-15.12	74	59.21	46.65	22.44	69.42	-	-	P	V
		17940	48.58	-5.42	54	48.91	46.65	22.44	69.42	-	-	A	V
		19995	36.73	-37.27	74	38.55	37.68	13.39	52.89	-	-	P	V
		38768	51.52	-22.48	74	38.71	44.04	23.61	54.84	-	-	P	V
		38768	43.78	-10.22	54	30.97	44.04	23.61	54.84	-	-	A	V

WIFI Ant. 7+2	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)
		11360	49.64	-24.36	74	60.27	39.96	17.12	67.71	-	-	P	H
		11360	40.32	-13.68	54	50.95	39.96	17.12	67.71	-	-	A	H
		13370	50.62	-23.38	74	59.95	39.57	18.79	67.69	-	-	P	H
		13370	42.31	-11.69	54	51.64	39.57	18.79	67.69	-	-	A	H
		13650	49.21	-38.99	88.2	58.01	40.02	18.98	67.8	-	-	P	H
		14490	50.42	-23.58	74	56.81	41.76	19.59	67.74	-	-	P	H
		14490	42.28	-11.72	54	48.67	41.76	19.59	67.74	-	-	A	H
		17990	59.86	-14.14	74	58.59	48.18	22.51	69.42	-	-	P	H
		17990	49.76	-4.24	54	48.49	48.18	22.51	69.42	-	-	A	H
		20475	36.68	-37.32	74	38	37.8	13.74	52.86	-	-	P	H
802.11ax		39428	52.23	-21.77	74	37.7	44.59	24.2	54.26	-	-	P	H
HE160 Full		39428	44.74	-9.26	54	30.21	44.59	24.2	54.26	-	-	A	H
CH 175		11160	49.96	-24.04	74	60.96	39.9	16.98	67.88	-	-	P	V
6825MHz		11160	40.57	-13.43	54	51.57	39.9	16.98	67.88	-	-	A	V
		13350	49.35	-24.65	74	58.74	39.53	18.78	67.7	-	-	P	V
		13350	42.16	-11.84	54	51.55	39.53	18.78	67.7	-	-	A	V
		13650	48.94	-39.26	88.2	57.81	39.95	18.98	67.8	-	-	P	V
		14490	51.38	-22.62	74	57.9	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17970	59.08	-14.92	74	58.69	47.32	22.49	69.42	-	-	P	V
		17970	48.88	-5.12	54	48.49	47.32	22.49	69.42	-	-	A	V
		20475	36.67	-37.33	74	38.03	37.76	13.74	52.86	-	-	P	V
		39670	52.34	-21.66	74	37.5	44.59	24.37	54.12	-	-	P	V
		39670	45.3	-8.7	54	30.46	44.59	24.37	54.12	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
	*	7055	117.64	-	-	99.76	35.71	13.04	30.87	100	268	P	H
	*	7055	107.01	-	-	89.13	35.71	13.04	30.87	100	268	A	H
		7193.6	59.81	-28.39	88.2	41.29	36.33	13.18	30.99	100	268	P	H
		7200	50.65	-17.55	68.2	32.12	36.34	13.19	31	100	268	A	H
802.11ax													
HE20 Full													
CH 221	*	7055	116.73	-	-	98.86	35.7	13.04	30.87	251	189	P	V
7055MHz	*	7055	107.72	-	-	89.85	35.7	13.04	30.87	251	189	A	V
		7197.6	59.49	-28.71	88.2	41.1	36.2	13.19	31	251	189	P	V
		7200.2	50.49	-17.71	68.2	32.08	36.22	13.19	31	251	189	A	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 (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11430	50.55	-23.45	74	60.89	40.13	17.18	67.65	-	-	P	H
		11430	41.13	-12.87	54	51.47	40.13	17.18	67.65	-	-	A	H
		13320	50.02	-23.98	74	59.6	39.39	18.75	67.72	-	-	P	H
		13320	41.97	-12.03	54	51.55	39.39	18.75	67.72	-	-	A	H
		13790	48.58	-39.62	88.2	57.33	40.16	19.06	67.97	-	-	P	H
		14490	50.41	-23.59	74	56.8	41.76	19.59	67.74	-	-	P	H
		14490	43.33	-10.67	54	49.72	41.76	19.59	67.74	-	-	A	H
		18000	59.73	-14.27	74	58.2	48.43	22.52	69.42	-	-	P	H
		18000	50.13	-3.87	54	48.6	48.43	22.52	69.42	-	-	A	H
		20685	37.59	-36.41	74	38.58	37.89	13.89	52.77	-	-	P	H
802.11ax		39670	52.7	-21.3	74	37.7	44.75	24.37	54.12	-	-	P	H
HE20 Full		39670	44.8	-9.2	54	29.8	44.75	24.37	54.12	-	-	A	H
CH 189		10780	49.62	-24.38	74	61.34	39.9	16.69	68.31	-	-	P	V
6895MHz		10780	40.19	-13.81	54	51.91	39.9	16.69	68.31	-	-	A	V
		13290	50.16	-23.84	74	59.9	39.27	18.73	67.74	-	-	P	V
		13290	41.93	-12.07	54	51.67	39.27	18.73	67.74	-	-	A	V
		13790	49.12	-39.08	88.2	57.93	40.1	19.06	67.97	-	-	P	V
		14490	51.12	-22.88	74	57.64	41.63	19.59	67.74	-	-	P	V
		14490	42.19	-11.81	54	48.71	41.63	19.59	67.74	-	-	A	V
		17990	59.07	-14.93	74	58.2	47.78	22.51	69.42	-	-	P	V
		17990	49.67	-4.33	54	48.8	47.78	22.51	69.42	-	-	A	V
		20685	37.46	-36.54	74	38.5	37.84	13.89	52.77	-	-	P	V
		39252	52.22	-21.78	74	38.1	44.34	24.08	54.3	-	-	P	V
		39252	44.37	-9.63	54	30.25	44.34	24.08	54.3	-	-	A	V

WIFI Ant. 7+2	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)
		10670	50.1	-23.9	74	62.1	39.8	16.65	68.45	-	-	P	H
		10670	39.81	-14.19	54	51.81	39.8	16.65	68.45	-	-	A	H
		13320	49.72	-24.28	74	59.3	39.39	18.75	67.72	-	-	P	H
		13320	41.87	-12.13	54	51.45	39.39	18.75	67.72	-	-	A	H
		13990	48.85	-39.35	88.2	56.98	40.81	19.28	68.22	-	-	P	H
		14490	51.21	-22.79	74	57.6	41.76	19.59	67.74	-	-	P	H
		14490	42.83	-11.17	54	49.22	41.76	19.59	67.74	-	-	A	H
		18000	60.13	-13.87	74	58.6	48.43	22.52	69.42	-	-	P	H
		18000	50.23	-3.77	54	48.7	48.43	22.52	69.42	-	-	A	H
		20985	37.26	-36.74	74	37.73	38.02	14.11	52.6	-	-	P	H
802.11ax		39626	51.77	-22.23	74	36.79	44.73	24.34	54.09	-	-	P	H
HE20 Full		39626	44.64	-9.36	54	29.66	44.73	24.34	54.09	-	-	A	H
CH 209		11310	50.25	-23.75	74	60.99	39.92	17.09	67.75	-	-	P	V
6995MHz		11310	40.71	-13.29	54	51.45	39.92	17.09	67.75	-	-	A	V
		13360	50.24	-23.76	74	59.59	39.55	18.79	67.69	-	-	P	V
		13360	42.09	-11.91	54	51.44	39.55	18.79	67.69	-	-	A	V
		13990	49.54	-38.66	88.2	57.77	40.71	19.28	68.22	-	-	P	V
		14490	50.97	-23.03	74	57.49	41.63	19.59	67.74	-	-	P	V
		14490	42.84	-11.16	54	49.36	41.63	19.59	67.74	-	-	A	V
		17960	58.94	-15.06	74	58.81	47.08	22.47	69.42	-	-	P	V
		17960	49.24	-4.76	54	49.11	47.08	22.47	69.42	-	-	A	V
		20985	36.85	-37.15	74	37.36	37.98	14.11	52.6	-	-	P	V
		39780	51.91	-22.09	74	36.3	44.62	24.44	53.45	-	-	P	V
		39780	45.7	-8.3	54	30.09	44.62	24.44	53.45	-	-	A	V

WIFI Ant. 7+2	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)
		10940	49.95	-24.05	74	60.92	40.33	16.8	68.1	-	-	P	H
		10940	40.6	-13.4	54	51.57	40.33	16.8	68.1	-	-	A	H
		13350	50.69	-23.31	74	60.11	39.5	18.78	67.7	-	-	P	H
		13350	41.79	-12.21	54	51.21	39.5	18.78	67.7	-	-	A	H
		14110	51.63	-36.57	88.2	59.18	41.17	19.4	68.12	-	-	P	H
		14490	51.41	-22.59	74	57.8	41.76	19.59	67.74	-	-	P	H
		14490	42.75	-11.25	54	49.14	41.76	19.59	67.74	-	-	A	H
		18000	60.03	-13.97	74	58.5	48.43	22.52	69.42	-	-	P	H
		18000	50.23	-3.77	54	48.7	48.43	22.52	69.42	-	-	A	H
		21165	37.31	-36.69	74	37.46	38.09	14.26	52.5	-	-	P	H
802.11ax		39780	52.3	-21.7	74	36.5	44.81	24.44	53.45	-	-	P	H
HE20 Full		39780	45.25	-8.75	54	29.45	44.81	24.44	53.45	-	-	A	H
CH 221		11280	50.79	-23.21	74	61.6	39.9	17.07	67.78	-	-	P	V
7055MHz		11280	41.06	-12.94	54	51.87	39.9	17.07	67.78	-	-	A	V
		13330	50.39	-23.61	74	59.9	39.44	18.76	67.71	-	-	P	V
		13330	42.17	-11.83	54	51.68	39.44	18.76	67.71	-	-	A	V
		14110	54.28	-33.92	88.2	61.95	41.05	19.4	68.12	-	-	P	V
		14490	52.04	-21.96	74	58.56	41.63	19.59	67.74	-	-	P	V
		14490	42.69	-11.31	54	49.21	41.63	19.59	67.74	-	-	A	V
		17980	59.42	-14.58	74	58.79	47.55	22.5	69.42	-	-	P	V
		17980	49.32	-4.68	54	48.69	47.55	22.5	69.42	-	-	A	V
		21165	37.23	-36.77	74	37.43	38.04	14.26	52.5	-	-	P	V
		39802	51.99	-22.01	74	36.2	44.63	24.46	53.3	-	-	P	V
		39802	45.83	-8.17	54	30.04	44.63	24.46	53.3	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE40 Full (Band Edge @ 3m)

WIFI Ant. 7+2	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)
	*	7045	117.72	-	-	99.9	35.65	13.04	30.87	183	267	P	H
	*	7045	109.64	-	-	91.82	35.65	13.04	30.87	183	267	A	H
		7208.48	60.01	-28.19	88.2	41.47	36.35	13.2	31.01	183	267	P	H
		7125.54	51.79	-16.41	68.2	33.53	36.11	13.09	30.94	183	267	A	H
802.11ax													
HE40 Full													
CH 219	*	7045	119.82	-	-	101.98	35.67	13.04	30.87	249	188	P	V
7045MHz	*	7045	110.68	-	-	92.84	35.67	13.04	30.87	249	188	A	V
		7168.44	59.69	-28.51	88.2	41.46	36.05	13.15	30.97	249	188	P	V
		7125.1	51.57	-16.63	68.2	33.53	35.89	13.09	30.94	249	188	A	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 (Harmonic @ 3m)

WIFI Ant. 7+2	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)
		11450	50.4	-23.6	74	60.68	40.16	17.19	67.63	-	-	P	H
		11450	41.17	-12.83	54	51.45	40.16	17.19	67.63	-	-	A	H
		13270	49.76	-24.24	74	59.61	39.2	18.7	67.75	-	-	P	H
		13270	40.86	-13.14	54	50.71	39.2	18.7	67.75	-	-	A	H
		13850	48.51	-39.69	88.2	57.12	40.3	19.13	68.04	-	-	P	H
		14490	50.27	-23.73	74	56.66	41.76	19.59	67.74	-	-	P	H
		14490	42.42	-11.58	54	48.81	41.76	19.59	67.74	-	-	A	H
		17980	59.4	-14.6	74	58.4	47.92	22.5	69.42	-	-	P	H
		17980	49.5	-4.5	54	48.5	47.92	22.5	69.42	-	-	A	H
		20775	37.54	-36.46	74	38.4	37.93	13.96	52.75	-	-	P	H
802.11ax		39824	52.63	-21.37	74	36.8	44.84	24.47	53.48	-	-	P	H
HE40 Full		39824	45.94	-8.06	54	30.11	44.84	24.47	53.48	-	-	A	H
CH 195		10940	50.26	-23.74	74	61.23	40.33	16.8	68.1	-	-	P	V
6925MHz		10940	40.47	-13.53	54	51.44	40.33	16.8	68.1	-	-	A	V
		13330	50.45	-23.55	74	59.96	39.44	18.76	67.71	-	-	P	V
		13330	42.24	-11.76	54	51.75	39.44	18.76	67.71	-	-	A	V
		13850	49.58	-38.62	88.2	58.32	40.17	19.13	68.04	-	-	P	V
		14490	50.63	-23.37	74	57.15	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17990	59.27	-14.73	74	58.4	47.78	22.51	69.42	-	-	P	V
		17990	49.67	-4.33	54	48.8	47.78	22.51	69.42	-	-	A	V
		20775	36.98	-37.02	74	37.89	37.88	13.96	52.75	-	-	P	V
		39648	52.03	-21.97	74	37.2	44.58	24.35	54.1	-	-	P	V
		39648	45.5	-8.5	54	30.67	44.58	24.35	54.1	-	-	A	V

WIFI Ant. 7+2	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)
		11390	50.4	-23.6	74	60.87	40.06	17.15	67.68	-	-	P	H
		11390	41.02	-12.98	54	51.49	40.06	17.15	67.68	-	-	A	H
		13340	49.88	-24.12	74	59.35	39.47	18.77	67.71	-	-	P	H
		13340	41.42	-12.58	54	50.89	39.47	18.77	67.71	-	-	A	H
		14010	50.77	-37.43	88.2	58.8	40.88	19.31	68.22	-	-	P	H
		14490	50.81	-23.19	74	57.2	41.76	19.59	67.74	-	-	P	H
		14490	41.91	-12.09	54	48.3	41.76	19.59	67.74	-	-	A	H
		17990	59.46	-14.54	74	58.19	48.18	22.51	69.42	-	-	P	H
		17990	49.66	-4.34	54	48.39	48.18	22.51	69.42	-	-	A	H
		21015	37.47	-36.53	74	37.88	38.04	14.13	52.58	-	-	P	H
802.11ax		39362	51.68	-22.32	74	37.3	44.54	24.16	54.32	-	-	P	H
HE40 Full		39362	43.93	-10.07	54	29.55	44.54	24.16	54.32	-	-	A	H
CH 211		11410	50.7	-23.3	74	61.11	40.1	17.16	67.67	-	-	P	V
7005MHz		11410	40.99	-13.01	54	51.4	40.1	17.16	67.67	-	-	A	V
		13360	49.45	-24.55	74	58.8	39.55	18.79	67.69	-	-	P	V
		13360	41.74	-12.26	54	51.09	39.55	18.79	67.69	-	-	A	V
		14010	52.7	-35.5	88.2	60.83	40.78	19.31	68.22	-	-	P	V
		14490	50.88	-23.12	74	57.4	41.63	19.59	67.74	-	-	P	V
		14490	42.59	-11.41	54	49.11	41.63	19.59	67.74	-	-	A	V
		17940	59.28	-14.72	74	59.61	46.65	22.44	69.42	-	-	P	V
		17940	49.08	-4.92	54	49.41	46.65	22.44	69.42	-	-	A	V
		21015	37.42	-36.58	74	37.88	37.99	14.13	52.58	-	-	P	V
		39780	52.51	-21.49	74	36.9	44.62	24.44	53.45	-	-	P	V
		39780	45.84	-8.16	54	30.23	44.62	24.44	53.45	-	-	A	V

WIFI Ant. 7+2	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 219 7045MHz		10870	50.31	-23.69	74	61.5	40.25	16.75	68.19	-	-	P	H
		10870	40.02	-13.98	54	51.21	40.25	16.75	68.19	-	-	A	H
		13340	49.43	-24.57	74	58.9	39.47	18.77	67.71	-	-	P	H
		13340	41.15	-12.85	54	50.62	39.47	18.77	67.71	-	-	A	H
		14090	53.53	-34.67	88.2	61.19	41.1	19.38	68.14	-	-	P	H
		14490	52.21	-21.79	74	58.6	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		18000	60.33	-13.67	74	58.8	48.43	22.52	69.42	-	-	P	H
		18000	50.23	-3.77	54	48.7	48.43	22.52	69.42	-	-	A	H
		21135	37.12	-36.88	74	37.32	38.08	14.24	52.52	-	-	P	H
		39494	51.94	-22.06	74	37.1	44.65	24.25	54.06	-	-	P	H
		39494	44.75	-9.25	54	29.91	44.65	24.25	54.06	-	-	A	H
		11400	49.99	-24.01	74	60.45	40.07	17.15	67.68	-	-	P	V
		11400	41.19	-12.81	54	51.65	40.07	17.15	67.68	-	-	A	V
		13320	50.03	-23.97	74	59.61	39.39	18.75	67.72	-	-	P	V
		13320	41.2	-12.8	54	50.78	39.39	18.75	67.72	-	-	A	V
		14090	55.68	-32.52	88.2	63.43	41.01	19.38	68.14	-	-	P	V
		14490	52.12	-21.88	74	58.64	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17980	60.22	-13.78	74	59.59	47.55	22.5	69.42	-	-	P	V
		17980	49.92	-4.08	54	49.29	47.55	22.5	69.42	-	-	A	V
		21135	38.22	-35.78	74	38.47	38.03	14.24	52.52	-	-	P	V
		39230	52.17	-21.83	74	38.09	44.32	24.07	54.31	-	-	P	V
		39230	44.34	-9.66	54	30.26	44.32	24.07	54.31	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 7+2	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)
	*	7025	114.98	-	-	97.27	35.53	13.03	30.85	100	266	P	H
	*	7025	106.78	-	-	89.07	35.53	13.03	30.85	100	266	A	H
		7128.2	61.01	-27.19	88.2	42.73	36.12	13.1	30.94	100	266	P	H
		7127.24	53.37	-14.83	68.2	35.1	36.11	13.1	30.94	100	266	A	H
802.11ax													H
HE80 Full													H
CH 215	*	7025	114.88	-	-	97.12	35.58	13.03	30.85	100	101	P	V
7025MHz	*	7025	105.91	-	-	88.15	35.58	13.03	30.85	100	101	A	V
		7125.8	59.55	-28.65	88.2	41.51	35.89	13.09	30.94	100	101	P	V
		7126.76	51.79	-16.41	68.2	33.75	35.89	13.09	30.94	100	101	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 Ant. 7+2	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)
		11010	50.64	-23.36	74	61.54	40.25	16.86	68.01	-	-	P	H
		11010	40.32	-13.68	54	51.22	40.25	16.86	68.01	-	-	A	H
		13370	49.57	-24.43	74	58.9	39.57	18.79	67.69	-	-	P	H
		13370	41.45	-12.55	54	50.78	39.57	18.79	67.69	-	-	A	H
		13890	50.43	-37.77	88.2	58.88	40.47	19.17	68.09	-	-	P	H
		14490	50.91	-23.09	74	57.3	41.76	19.59	67.74	-	-	P	H
		14490	42.73	-11.27	54	49.12	41.76	19.59	67.74	-	-	A	H
		17990	59.76	-14.24	74	58.49	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
		20835	37.52	-36.48	74	38.27	37.96	14	52.71	-	-	P	H
802.11ax		39824	52.13	-21.87	74	36.3	44.84	24.47	53.48	-	-	P	H
HE80 Full		39824	45.31	-8.69	54	29.48	44.84	24.47	53.48	-	-	A	H
CH 199		11590	50.46	-23.54	74	60.79	39.98	17.32	67.63	-	-	P	V
6945MHz		11590	41.14	-12.86	54	51.47	39.98	17.32	67.63	-	-	A	V
		13360	49.14	-24.86	74	58.49	39.55	18.79	67.69	-	-	P	V
		13360	41.33	-12.67	54	50.68	39.55	18.79	67.69	-	-	A	V
		13890	51.28	-36.92	88.2	59.9	40.3	19.17	68.09	-	-	P	V
		14490	51.28	-22.72	74	57.8	41.63	19.59	67.74	-	-	P	V
		14490	42.04	-11.96	54	48.56	41.63	19.59	67.74	-	-	A	V
		17990	59.27	-14.73	74	58.4	47.78	22.51	69.42	-	-	P	V
		17990	49.67	-4.33	54	48.8	47.78	22.51	69.42	-	-	A	V
		20835	37.04	-36.96	74	37.84	37.91	14	52.71	-	-	P	V
		39824	52.23	-21.77	74	36.6	44.64	24.47	53.48	-	-	P	V
		39824	45.77	-8.23	54	30.14	44.64	24.47	53.48	-	-	A	V

WIFI Ant. 7+2	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)
		11420	50.11	-23.89	74	60.48	40.12	17.17	67.66	-	-	P	H
		11420	41.14	-12.86	54	51.51	40.12	17.17	67.66	-	-	A	H
		13360	49.43	-24.57	74	58.79	39.54	18.79	67.69	-	-	P	H
		13360	41.21	-12.79	54	50.57	39.54	18.79	67.69	-	-	A	H
		14050	53.44	-34.76	88.2	61.23	41.05	19.34	68.18	-	-	P	H
		14490	50.95	-23.05	74	57.34	41.76	19.59	67.74	-	-	P	H
		14490	42.52	-11.48	54	48.91	41.76	19.59	67.74	-	-	A	H
		17990	59.46	-14.54	74	58.19	48.18	22.51	69.42	-	-	P	H
		17990	49.76	-4.24	54	48.49	48.18	22.51	69.42	-	-	A	H
		21075	37.22	-36.78	74	37.52	38.06	14.19	52.55	-	-	P	H
802.11ax		39868	52.23	-21.77	74	36.7	44.87	24.5	53.84	-	-	P	H
HE80 Full		39868	45.33	-8.67	54	29.8	44.87	24.5	53.84	-	-	A	H
CH 215		11420	50.42	-23.58	74	60.78	40.13	17.17	67.66	-	-	P	V
7025MHz		11420	40.54	-13.46	54	50.9	40.13	17.17	67.66	-	-	A	V
		13360	49.31	-24.69	74	58.66	39.55	18.79	67.69	-	-	P	V
		13360	41.35	-12.65	54	50.7	39.55	18.79	67.69	-	-	A	V
		14050	57.6	-30.6	88.2	65.51	40.93	19.34	68.18	-	-	P	V
		14490	51.28	-22.72	74	57.8	41.63	19.59	67.74	-	-	P	V
		14490	42.39	-11.61	54	48.91	41.63	19.59	67.74	-	-	A	V
		17990	59.47	-14.53	74	58.6	47.78	22.51	69.42	-	-	P	V
		17990	49.27	-4.73	54	48.4	47.78	22.51	69.42	-	-	A	V
		21075	37.42	-36.58	74	37.77	38.01	14.19	52.55	-	-	P	V
		39868	52.21	-21.79	74	36.9	44.65	24.5	53.84	-	-	P	V
		39868	45.64	-8.36	54	30.33	44.65	24.5	53.84	-	-	A	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 and emission level has at least 6dB margin against limit 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. 7+2	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)
	*	6985	112.37	-	-	94.9	35.28	13	30.81	100	271	P	H
	*	6985	103.74	-	-	86.27	35.28	13	30.81	100	271	A	H
		7137.64	63.49	-24.71	88.2	45.17	36.16	13.11	30.95	100	271	P	H
		7125.8	55.33	-12.87	68.2	37.07	36.11	13.09	30.94	100	271	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	114.05	-	-	96.5	35.36	13	30.81	100	70	P	V
6985MHz	*	6985	104.95	-	-	87.4	35.36	13	30.81	100	70	A	V
		7169.96	60.72	-27.48	88.2	42.49	36.06	13.15	30.98	100	70	P	V
		7129.64	52.83	-15.37	68.2	34.77	35.9	13.1	30.94	100	70	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. 7+2	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)
		10890	50.12	-23.88	74	61.2	40.31	16.77	68.16	-	-	P	H
		10890	40.61	-13.39	54	51.69	40.31	16.77	68.16	-	-	A	H
		13360	49.59	-24.41	74	58.95	39.54	18.79	67.69	-	-	P	H
		13360	42.04	-11.96	54	51.4	39.54	18.79	67.69	-	-	A	H
		13970	49.48	-38.72	88.2	57.65	40.75	19.27	68.19	-	-	P	H
		14490	52.05	-21.95	74	58.44	41.76	19.59	67.74	-	-	P	H
		14490	42.31	-11.69	54	48.7	41.76	19.59	67.74	-	-	A	H
		17990	59.46	-14.54	74	58.19	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
		20955	36.94	-37.06	74	37.46	38.01	14.09	52.62	-	-	P	H
802.11ax		39604	52.06	-21.94	74	37.1	44.71	24.32	54.07	-	-	P	H
HE160 Full		39604	44.73	-9.27	54	29.77	44.71	24.32	54.07	-	-	A	H
CH 207		10930	49.75	-24.25	74	60.74	40.32	16.8	68.11	-	-	P	V
6985MHz		10930	40.71	-13.29	54	51.7	40.32	16.8	68.11	-	-	A	V
		13280	50.08	-23.92	74	59.87	39.23	18.72	67.74	-	-	P	V
		13280	41.42	-12.58	54	51.21	39.23	18.72	67.74	-	-	A	V
		13970	49.97	-38.23	88.2	58.25	40.64	19.27	68.19	-	-	P	V
		14490	51.08	-22.92	74	57.6	41.63	19.59	67.74	-	-	P	V
		14490	42.16	-11.84	54	48.68	41.63	19.59	67.74	-	-	A	V
		17990	59.47	-14.53	74	58.6	47.78	22.51	69.42	-	-	P	V
		17990	49.57	-4.43	54	48.7	47.78	22.51	69.42	-	-	A	V
		20955	37.52	-36.48	74	38.09	37.96	14.09	52.62	-	-	P	V
		39582	51.9	-22.1	74	37.09	44.56	24.31	54.06	-	-	P	V
		39582	45.03	-8.97	54	30.22	44.56	24.31	54.06	-	-	A	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 and emission level has at least 6dB margin against limit 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 HE40 Full (LF @ 3m)

WIFI Ant. 7+2	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 LF		71.71	26.67	-13.33	40	45.02	12.57	1.51	32.43	-	-	P	H
		125.06	31.92	-11.58	43.5	44.78	17.7	1.84	32.4	-	-	P	H
		149.31	29.26	-14.24	43.5	42.44	17.2	2.03	32.41	-	-	P	H
		250.19	28.47	-17.53	46	39.76	18.52	2.6	32.41	-	-	P	H
		752.65	37.82	-8.18	46	37.6	28	4.59	32.37	-	-	P	H
		874.87	39.1	-6.9	46	36.75	29.1	5.03	31.78	-	-	P	H
													H
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													H
													H
													H
		50.37	32.71	-7.29	40	49.81	14.11	1.23	32.44	-	-	P	V
		105.66	27.2	-16.3	43.5	41.31	16.57	1.73	32.41	-	-	P	V
		125.06	34.36	-9.14	43.5	47.22	17.7	1.84	32.4	-	-	P	V
		250.19	24.64	-21.36	46	35.93	18.52	2.6	32.41	-	-	P	V
		746.83	34.65	-11.35	46	34.53	27.94	4.57	32.39	-	-	P	V
		874.87	38.33	-7.67	46	35.98	29.1	5.03	31.78	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI Ant. 7+2	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 LF		71.71	26.93	-13.07	40	45.28	12.57	1.51	32.43	-	-	P	H
		125.06	31.88	-11.62	43.5	44.74	17.7	1.84	32.4	-	-	P	H
		151.25	30.12	-13.38	43.5	43.4	17.1	2.03	32.41	-	-	P	H
		250.19	28.24	-17.76	46	39.53	18.52	2.6	32.41	-	-	P	H
		749.74	36.71	-9.29	46	36.52	27.99	4.58	32.38	-	-	P	H
		874.87	38.09	-7.91	46	35.74	29.1	5.03	31.78	-	-	P	H
													H
													H
													H
													H
													H
													H
		50.37	33.73	-6.27	40	50.83	14.11	1.23	32.44	-	-	P	V
		66.86	28.37	-11.63	40	47.19	12.17	1.43	32.42	-	-	P	V
		125.06	35.41	-8.09	43.5	48.27	17.7	1.84	32.4	-	-	P	V
		250.19	25.3	-20.7	46	36.59	18.52	2.6	32.41	-	-	P	V
		754.59	35.1	-10.9	46	34.88	28	4.59	32.37	-	-	P	V
		874.87	37.54	-8.46	46	35.19	29.1	5.03	31.78	-	-	P	V
													V
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Remark

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

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI Ant. 7+2	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 LF		70.74	26.63	-13.37	40	45.1	12.47	1.49	32.43	-	-	P	H
		125.06	31.33	-12.17	43.5	44.19	17.7	1.84	32.4	-	-	P	H
		149.31	29.81	-13.69	43.5	42.99	17.2	2.03	32.41	-	-	P	H
		250.19	28.08	-17.92	46	39.37	18.52	2.6	32.41	-	-	P	H
		749.74	36.31	-9.69	46	36.12	27.99	4.58	32.38	-	-	P	H
		874.87	38.48	-7.52	46	36.13	29.1	5.03	31.78	-	-	P	H
													H
													H
													H
													H
													H
													H
		50.37	33.46	-6.54	40	50.56	14.11	1.23	32.44	-	-	P	V
		105.66	26.25	-17.25	43.5	40.36	16.57	1.73	32.41	-	-	P	V
		125.06	35.34	-8.16	43.5	48.2	17.7	1.84	32.4	-	-	P	V
		250.19	24.59	-21.41	46	35.88	18.52	2.6	32.41	-	-	P	V
		755.56	36.64	-9.36	46	36.4	28.01	4.6	32.37	-	-	P	V
		874.87	37.84	-8.16	46	35.49	29.1	5.03	31.78	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit 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	**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.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+2		(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)

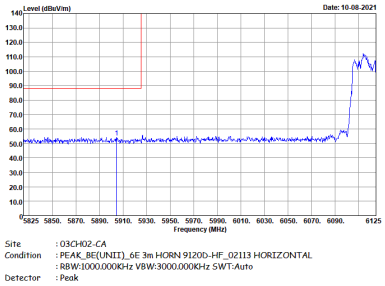
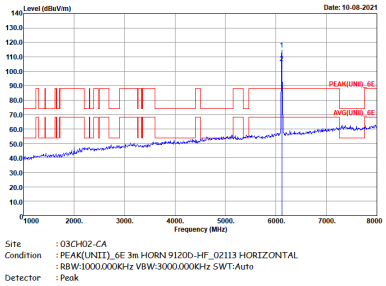
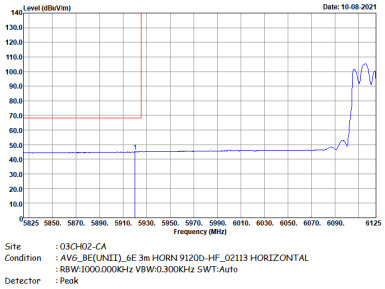
Both peak and average measured complies with the limit line, so test result is “PASS”.

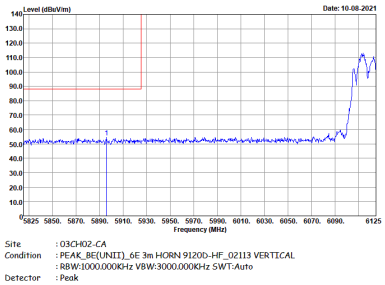
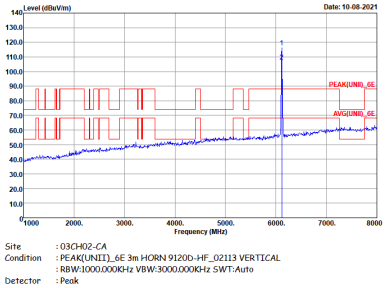
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Michael Bui and Daniel Lee	**Temperature :**	20~24°C
		Relative Humidity :	42~48%

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 CH33 6115MHz	
7+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

<table>
<tr><td>WIFI</td><td colspan="2">Band 5 5925~6425MHz Band Edge @ 3m</td></tr>
<tr><td>ANT</td><td colspan="2">802.11ax HE20 Full CH33 6115MHz</td></tr>
<tr><td>7+2</td><td>Vertical</td><td>Fundamental</td></tr>
<tr><td>Peak</td><td> 
</td><td> 
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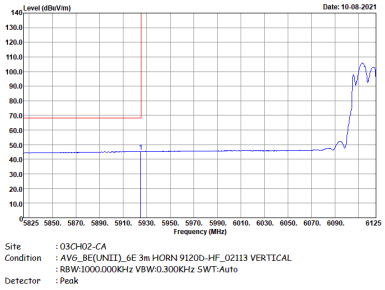
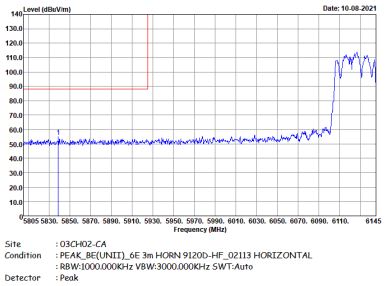
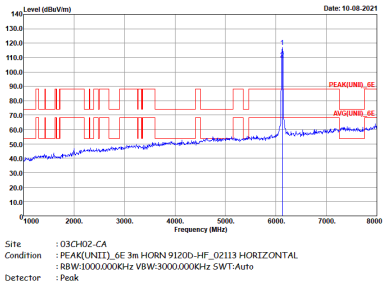
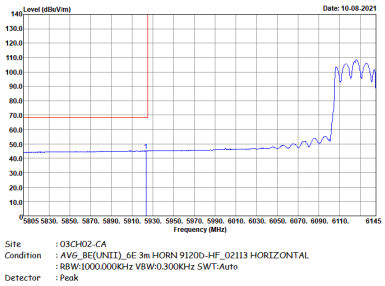
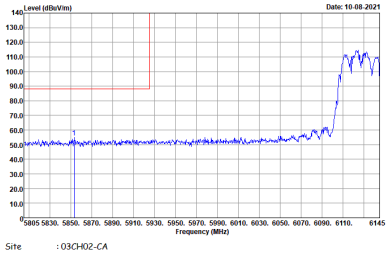
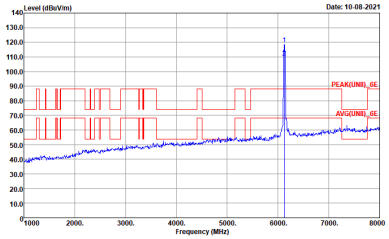
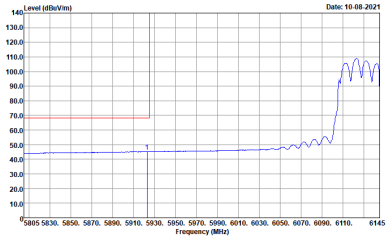
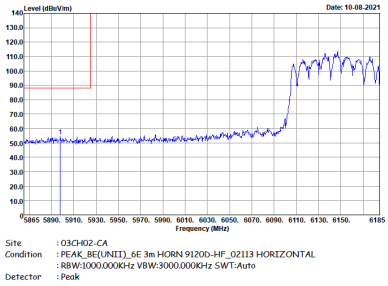
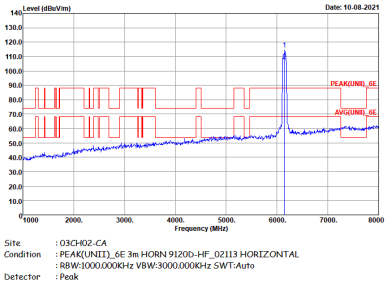
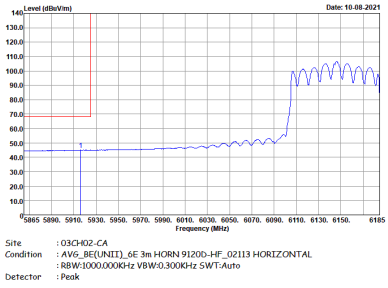
<tr><td>Avg.</td><td> 
</td><td>Left blank</td></tr>
</table>

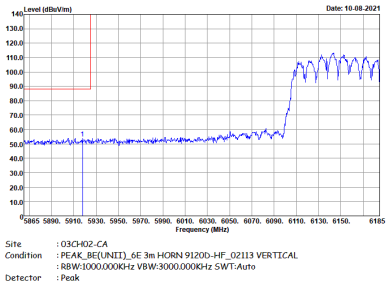
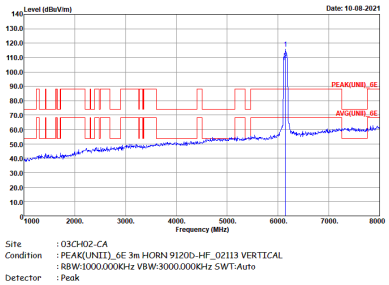
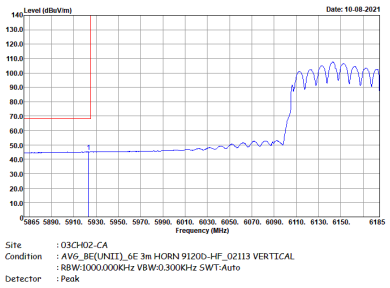
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH35 6125MHz	
7+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

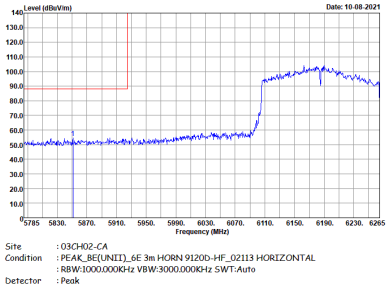
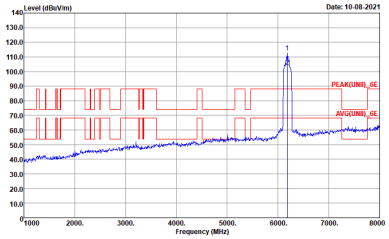
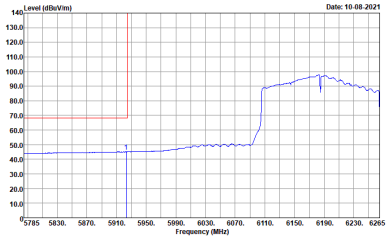
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH35 6125MHz	
7+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

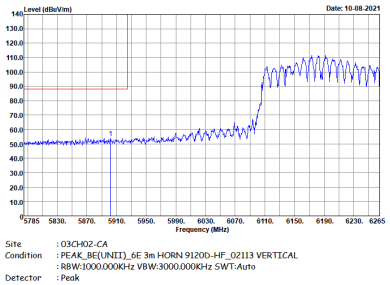
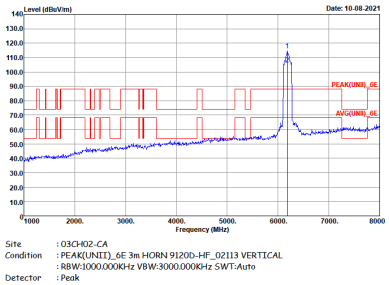
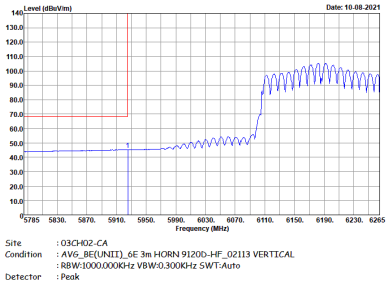
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH39 6145MHz	
7+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH39 6145MHz	
7+2	Vertical	Fundamental
Peak		
Avg.		Left blank

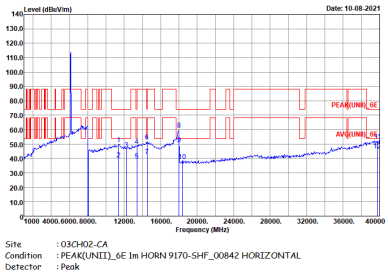
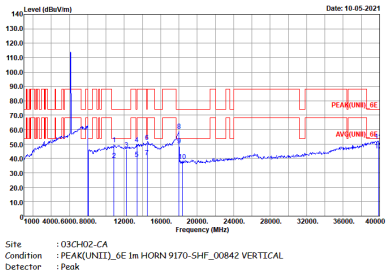
Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

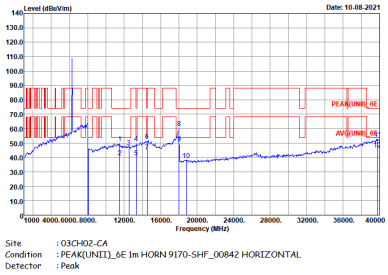
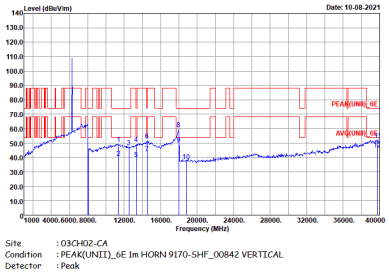
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
7+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

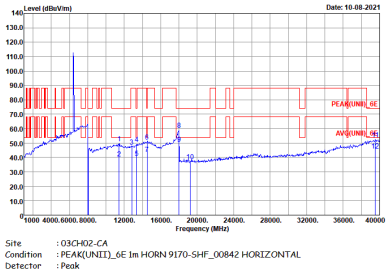
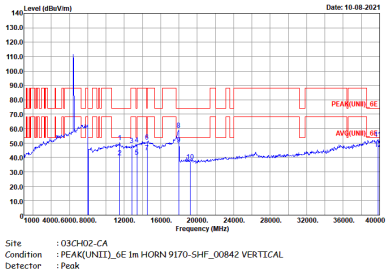
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
7+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 5 - 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

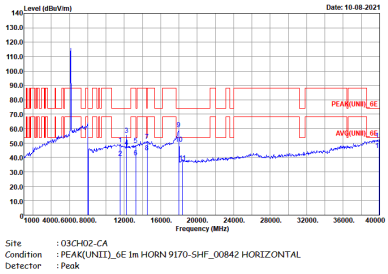
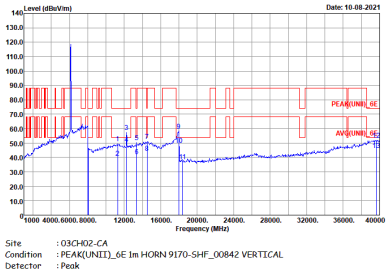
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH33 6115MHz	
7+2	Horizontal	Vertical
Peak Avg.		

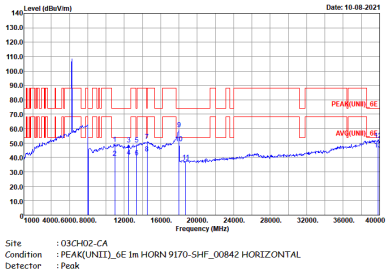
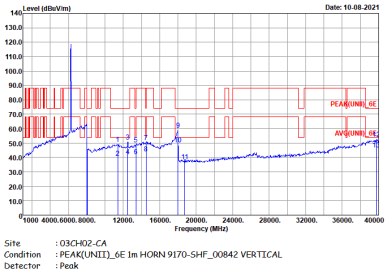
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH61 6255MHz	
7+2	Horizontal	Vertical
Peak Avg.		

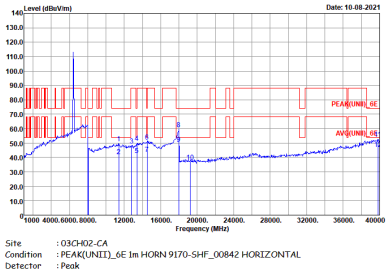
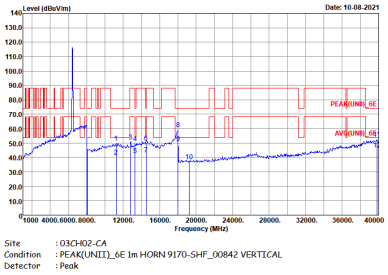
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

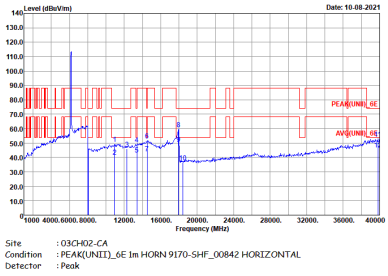
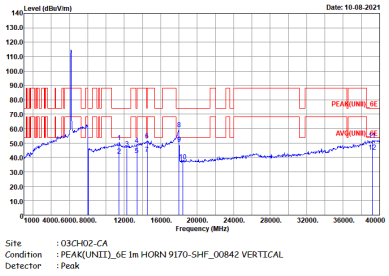
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH35 6125MHz	
7+2	Horizontal	Vertical
Peak Avg.		

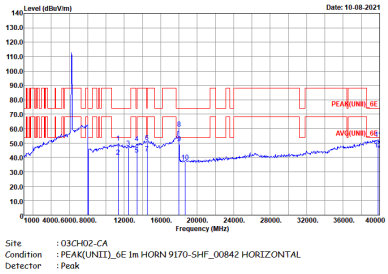
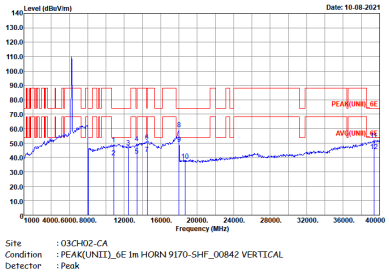
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH59 6245MHz	
7+2	Horizontal	Vertical
Peak Avg.		

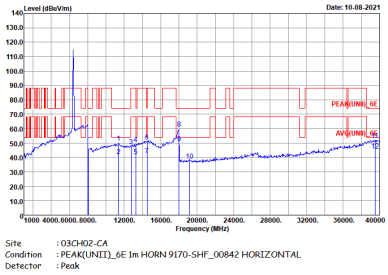
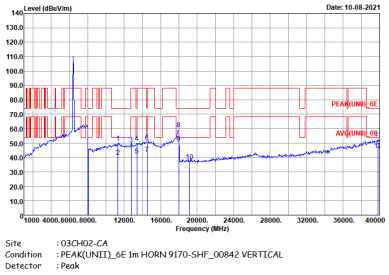
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

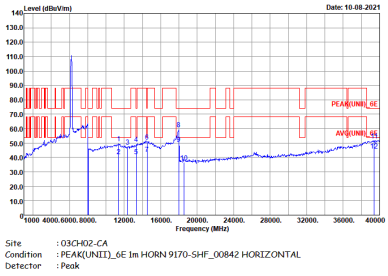
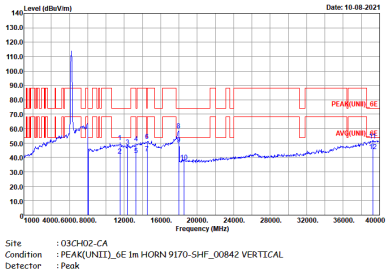
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH39 6145MHz	
7+2	Horizontal	Vertical
Peak Avg.		

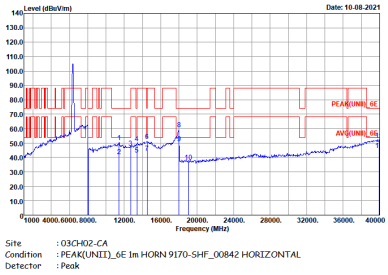
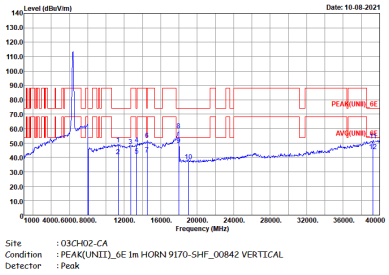
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

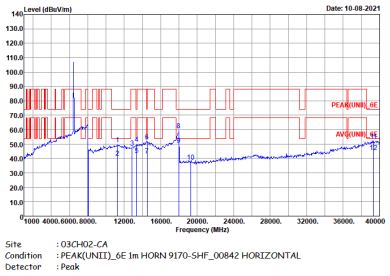
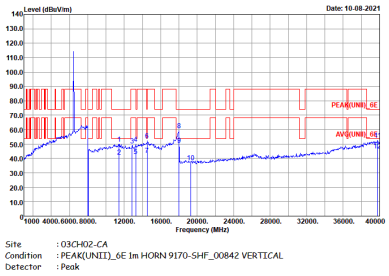
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

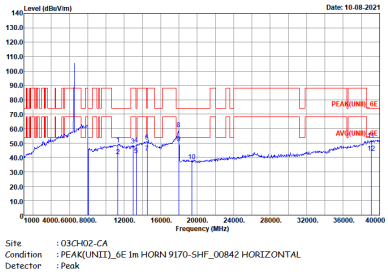
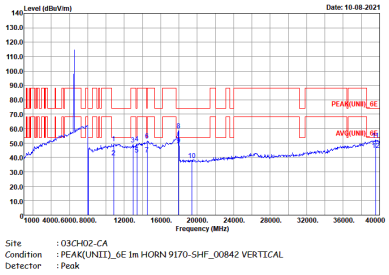
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
7+2	Horizontal	Vertical
Peak Avg.		

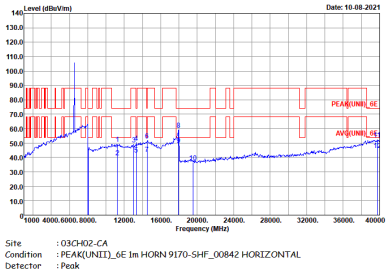
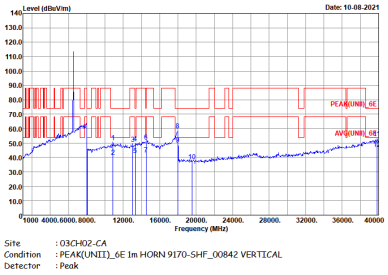
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 6 - 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

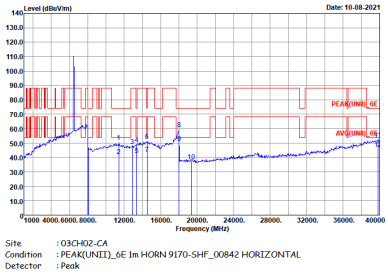
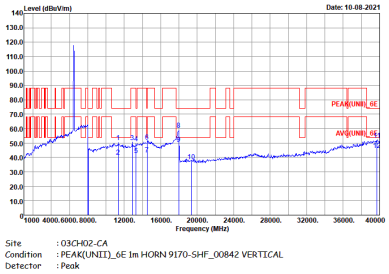
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH97 6435MHz	
7+2	Horizontal	Vertical
Peak Avg.		

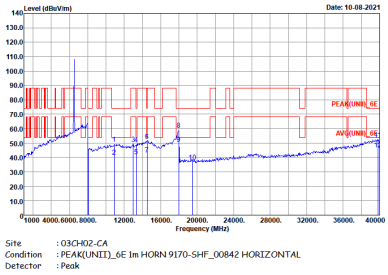
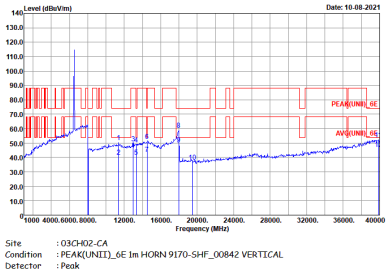
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH105 6475MHz	
7+2	Horizontal	Vertical
Peak Avg.		

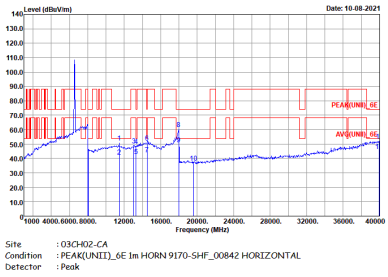
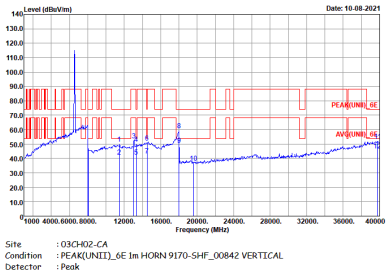
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH113 6515MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

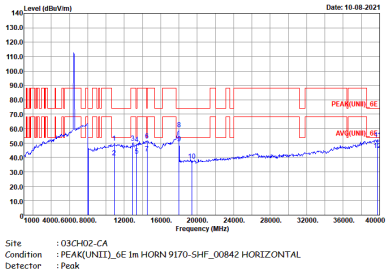
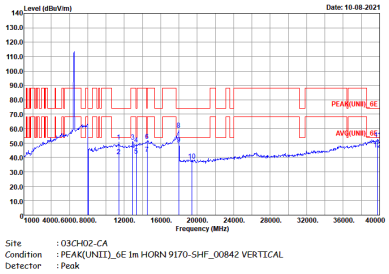
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH99 6445MHz	
7+2	Horizontal	Vertical
Peak Avg.		

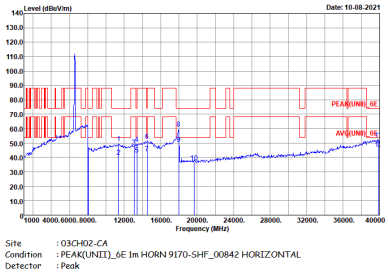
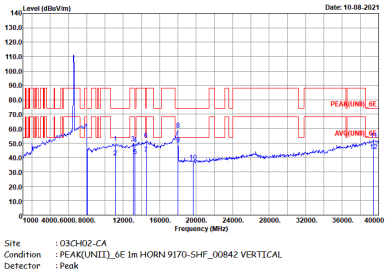
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH107 6485MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH115 6525MHz	
7+2	Horizontal	Vertical
Peak Avg.		

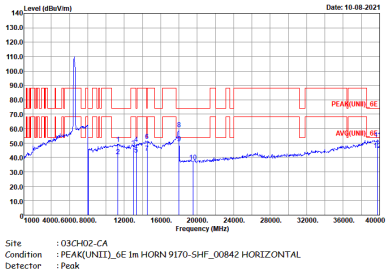
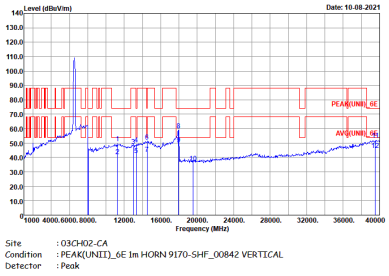
Band 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
7+2	Horizontal	Vertical
Peak Avg.		

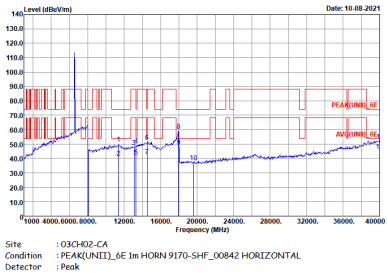
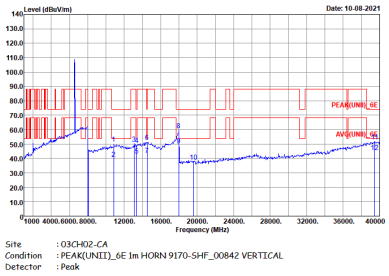
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
7+2	Horizontal	Vertical
Peak Avg.		

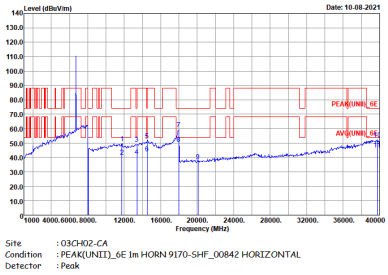
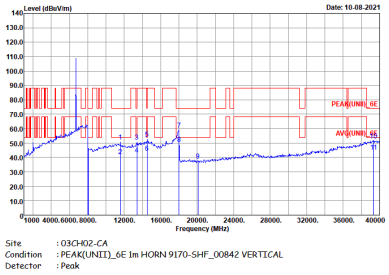
Band 6 6425~6525MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

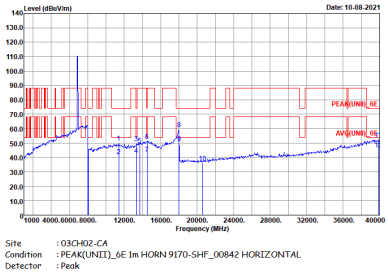
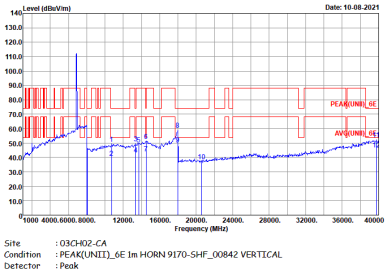
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
7+2	Horizontal	Vertical
Peak Avg.		

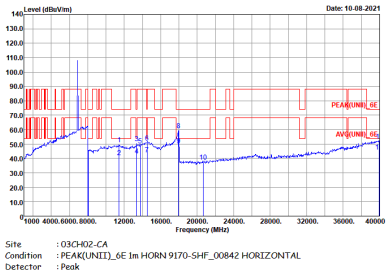
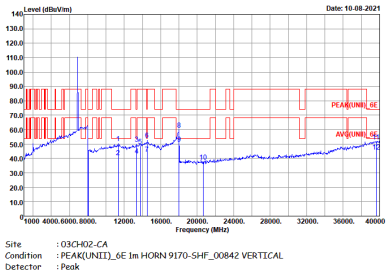
Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
7+2	Horizontal	Vertical
Peak Avg.		

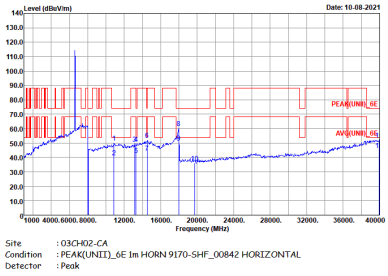
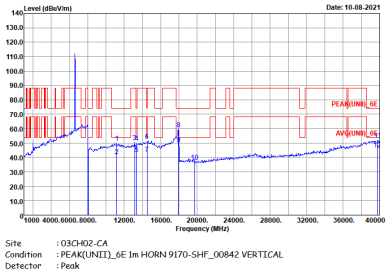
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
7+2	Horizontal	Vertical
Peak Avg.		

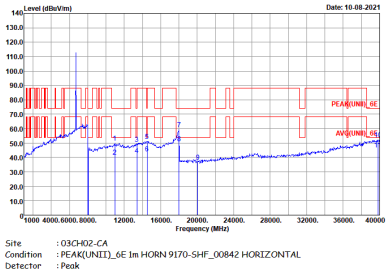
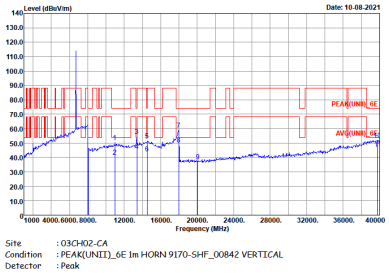
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
7+2	Horizontal	Vertical
Peak Avg.		

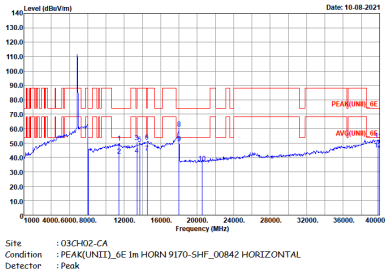
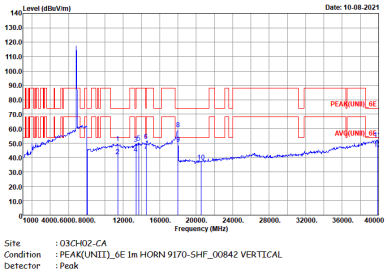
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH185 6875MHz	
7+2	Horizontal	Vertical
Peak Avg.		

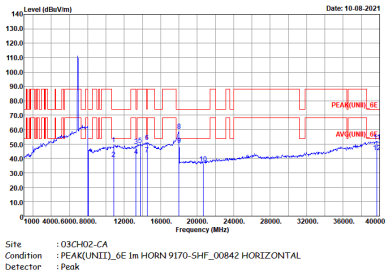
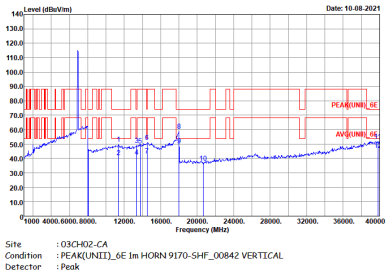
Band 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565MHz	
7+2	Horizontal	Vertical
Peak Avg.		

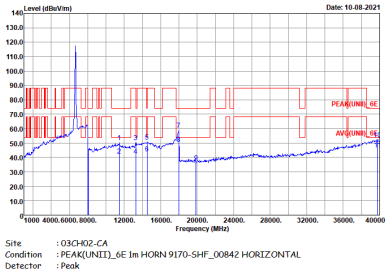
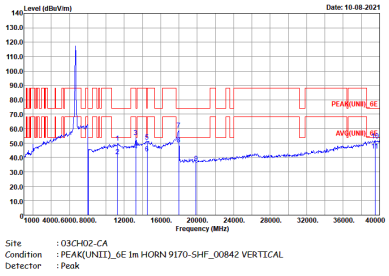
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685MHz	
7+2	Horizontal	Vertical
Peak Avg.		

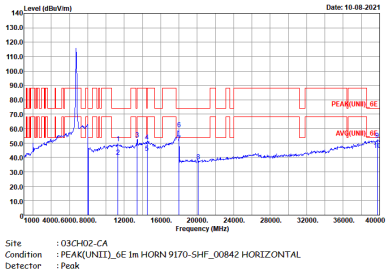
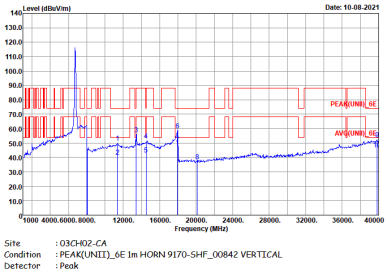
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH179 6845MHz	
7+2	Horizontal	Vertical
Peak Avg.		

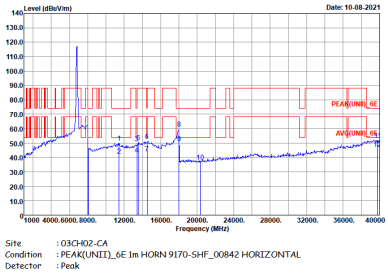
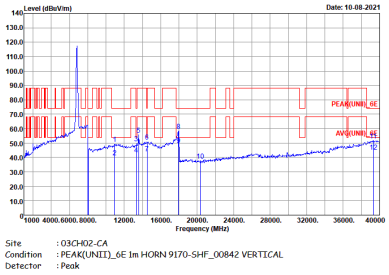
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH187 6885MHz	
7+2	Horizontal	Vertical
Peak Avg.		

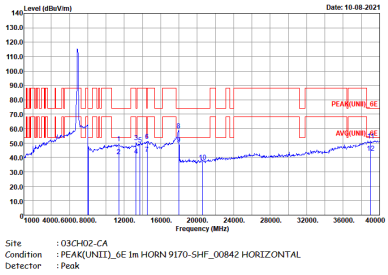
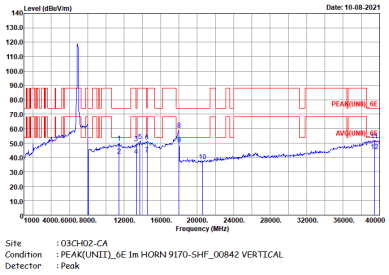
Band 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
7+2	Horizontal	Vertical
Peak Avg.		

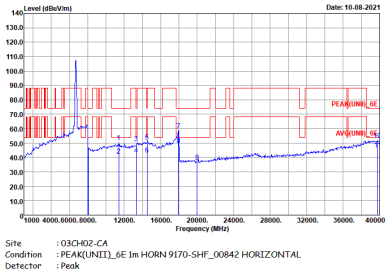
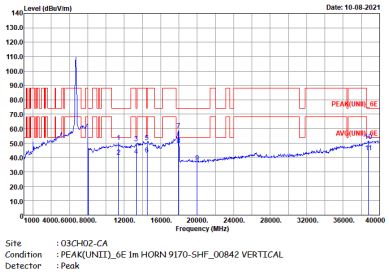
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
7+2	Horizontal	Vertical
Peak Avg.		

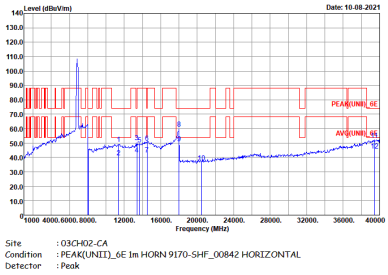
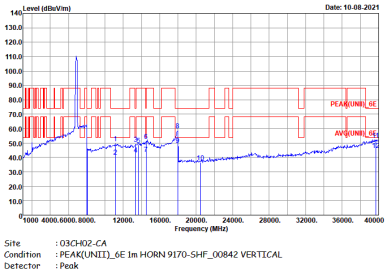
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

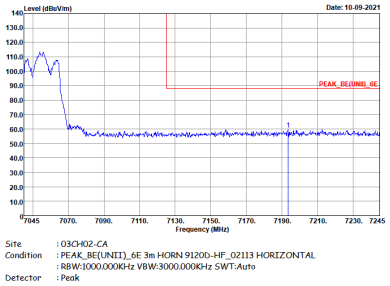
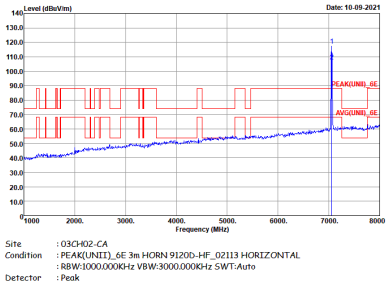
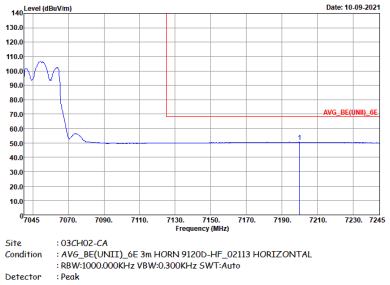
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

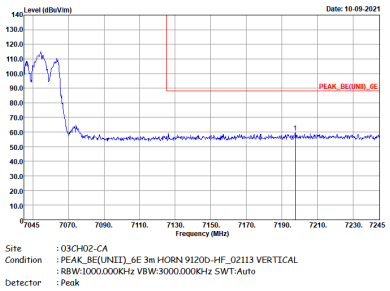
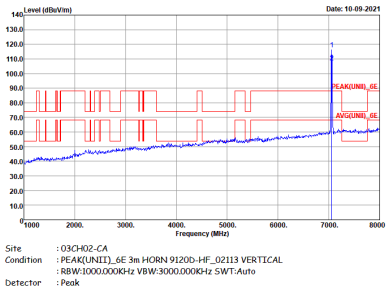
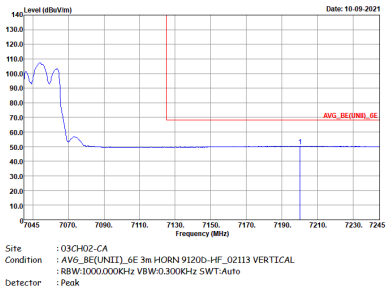
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
7+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak

Band 8 - 6875~7125MHz

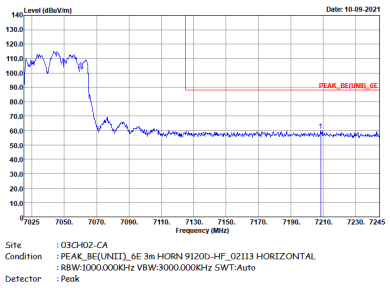
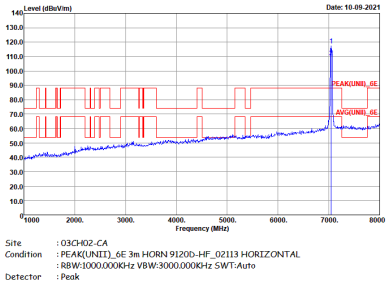
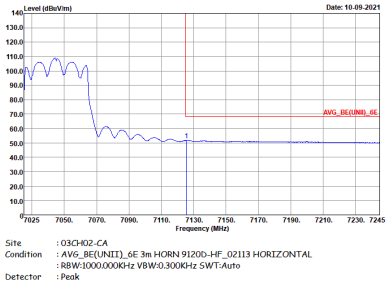
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

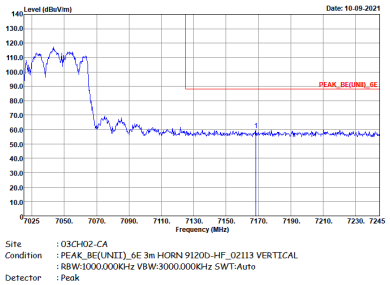
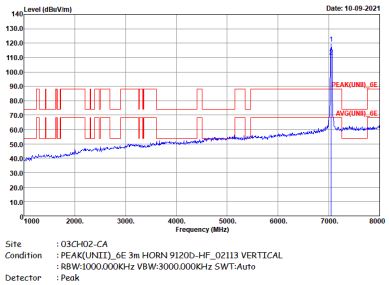
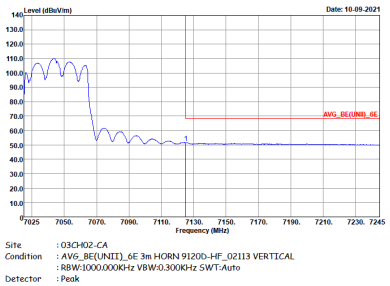
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH221 7055MHz	
7+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH221 7055MHz	
7+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

Band 8 - 6875~7125MHz

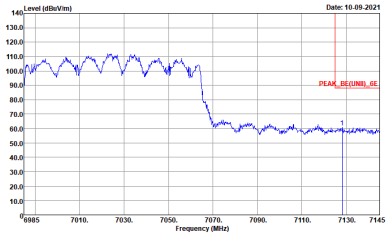
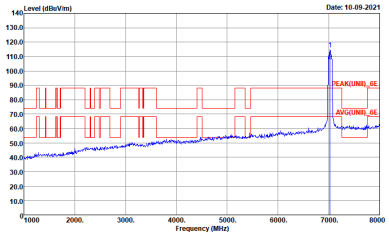
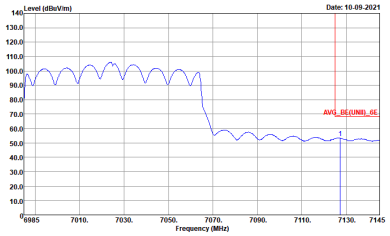
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

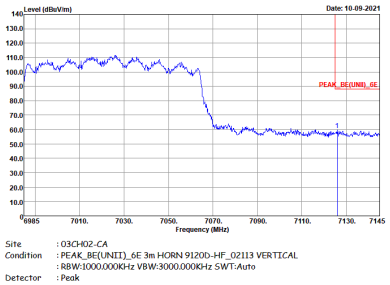
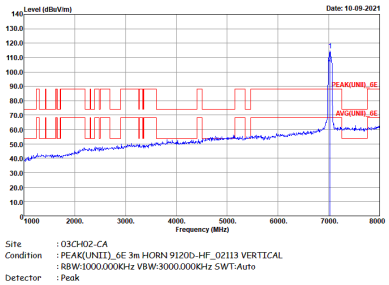
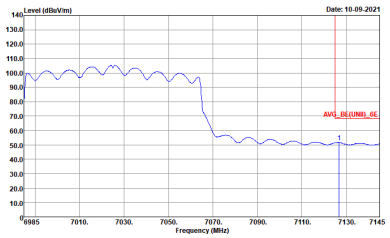
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH219 7045MHz	
7+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH219 7045MHz	
7+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

Band 8 - 6875~7125MHz

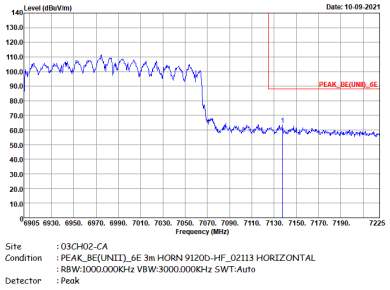
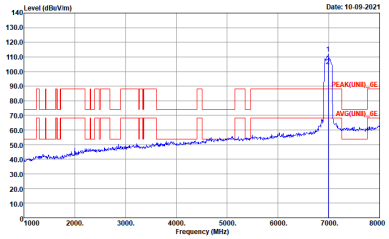
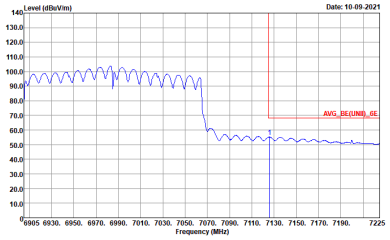
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

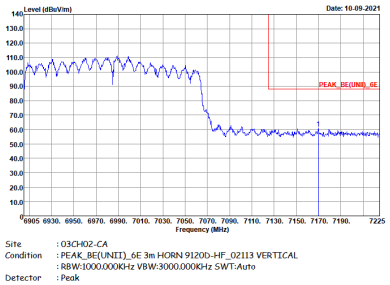
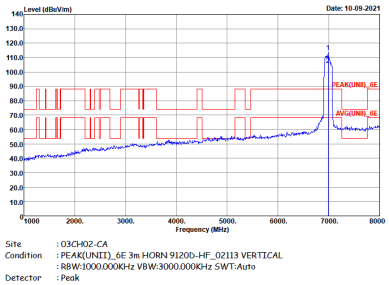
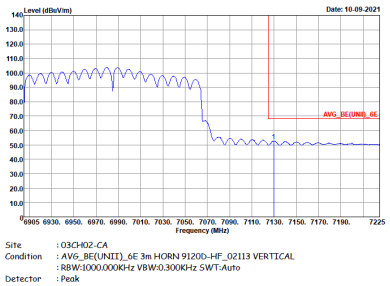
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
7+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
7+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

Band 8 - 6875~7125MHz

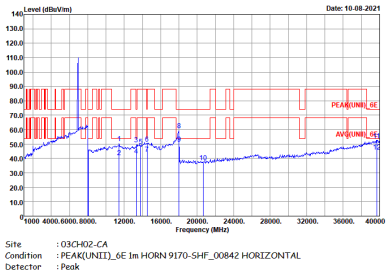
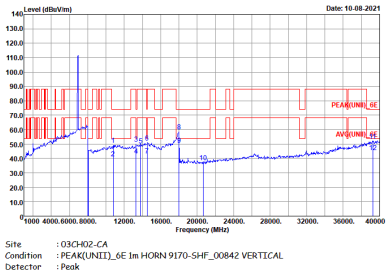
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

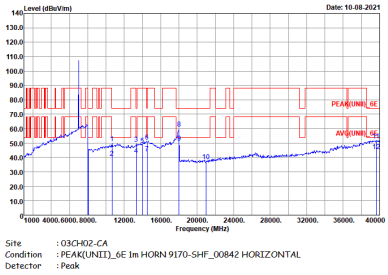
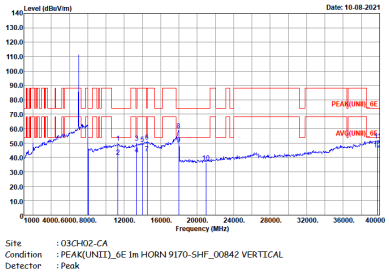
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
7+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

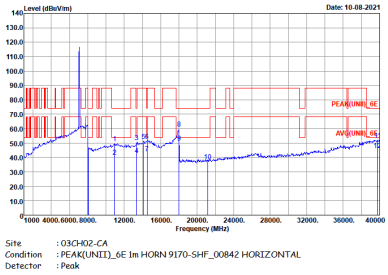
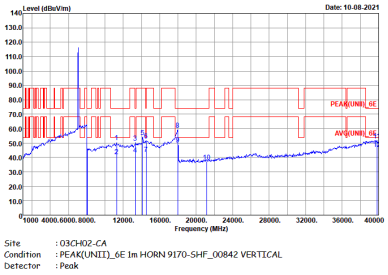
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
7+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

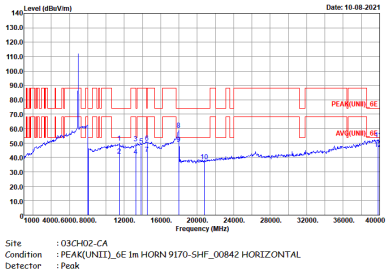
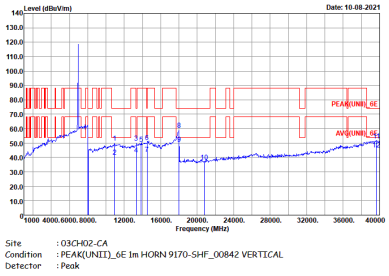
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH189 6895MHz	
7+2	Horizontal	Vertical
Peak Avg.		

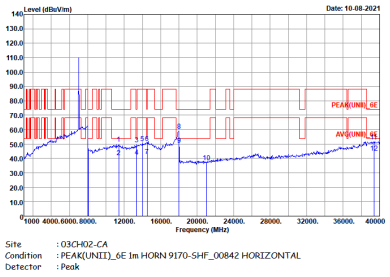
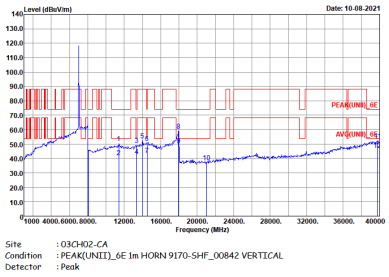
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH209 6995MHz	
7+2	Horizontal	Vertical
Peak Avg.		

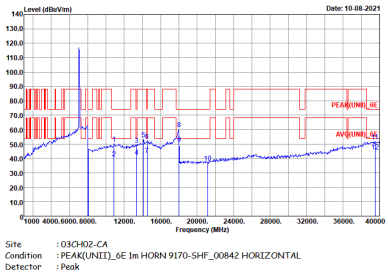
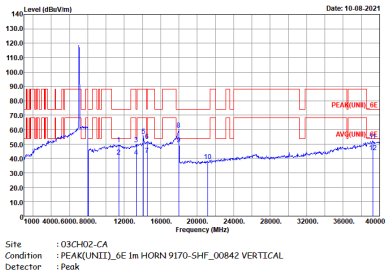
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH221 7055MHz	
7+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak

Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

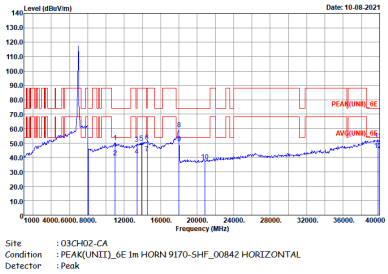
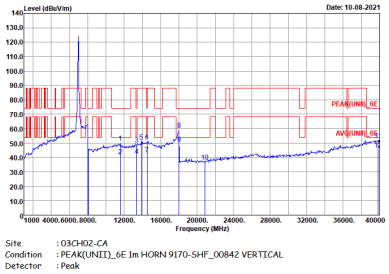
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH195 6925MHz	
7+2	Horizontal	Vertical
Peak Avg.		

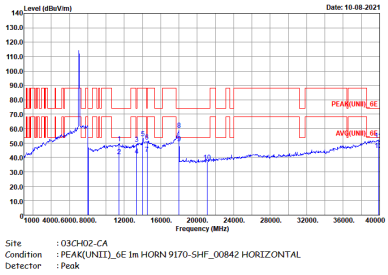
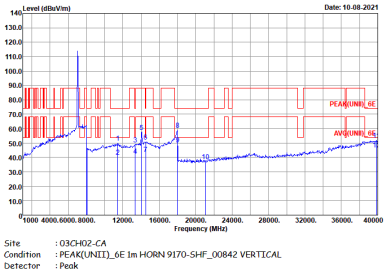
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH211 7005MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH219 7045MHz	
7+2	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

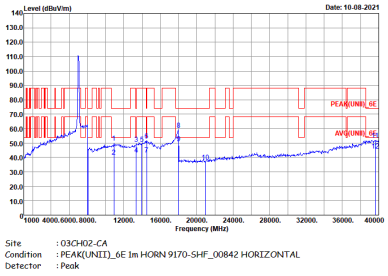
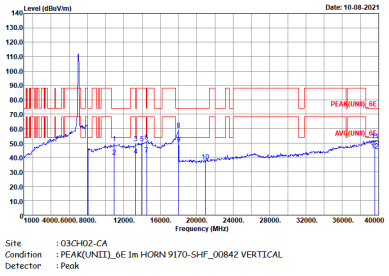
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
7+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
7+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak

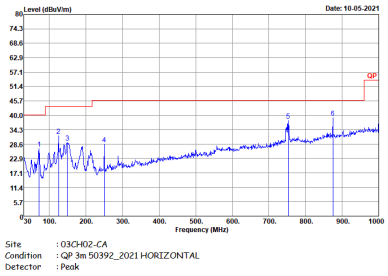
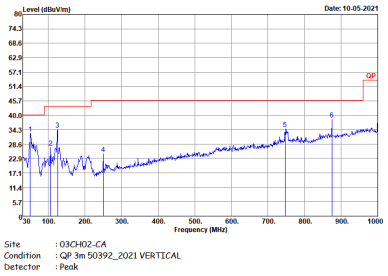
Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
7+2	Horizontal	Vertical
Peak Avg.		

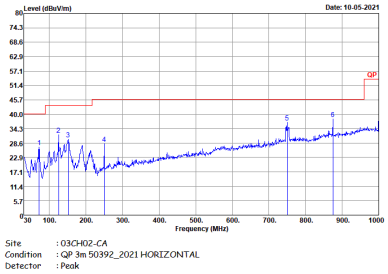
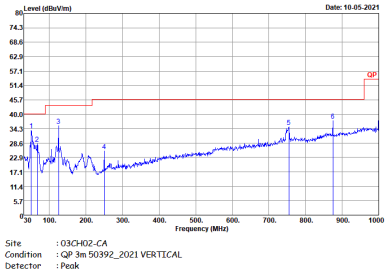
Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
7+2	Horizontal	Vertical
QP / Peak		

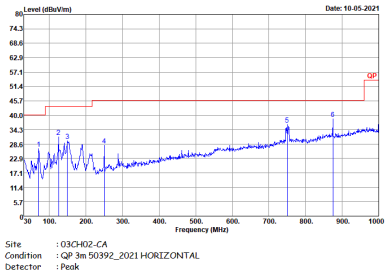
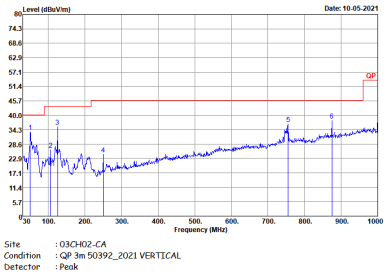
Emission below 1GHz

5GHz WIFI 802.11ax HE80 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE80 Full LF	
7+2	Horizontal	Vertical
QP / Peak		

Emission below 1GHz

5GHz WIFI 802.11ax HE160 Full (LF)

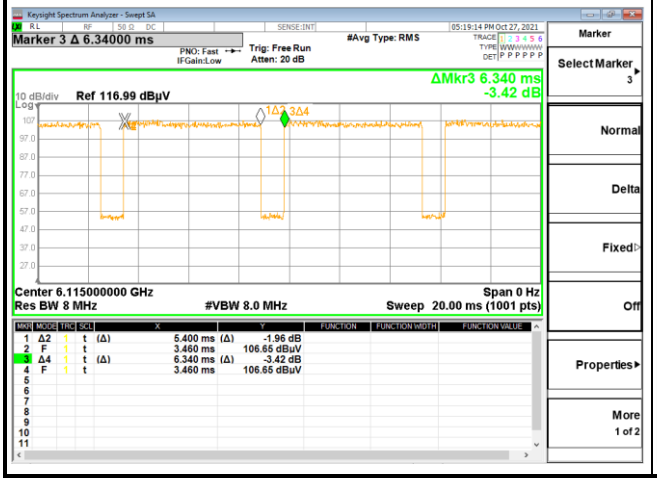
WIFI	5GHz WIFI	
ANT	802.11ax HE160 Full LF	
7+2	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

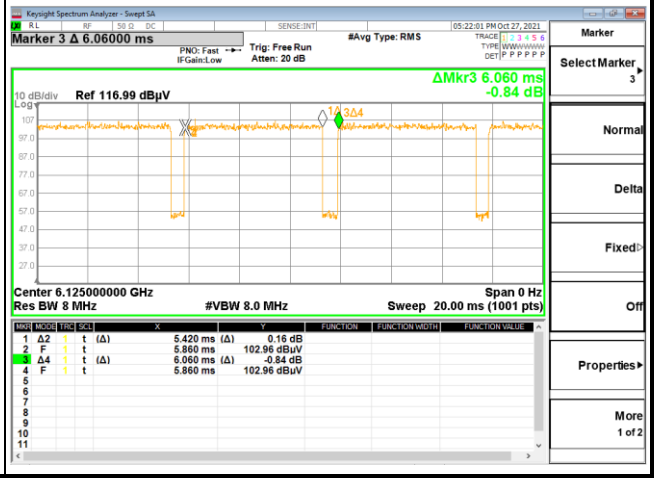
Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
7+2	5GHz 802.11ac HE20	85.17	5400	0.185	300 Hz
7+2	5GHz 802.11ac HE40	89.44	5420	0.184	300 Hz
7+2	5GHz 802.11ac HE80	90.30	5400	0.185	300 Hz
7+2	5GHz 802.11ac HE160	90.64	5420	0.184	300 Hz

MIMO <Ant. 7+2>

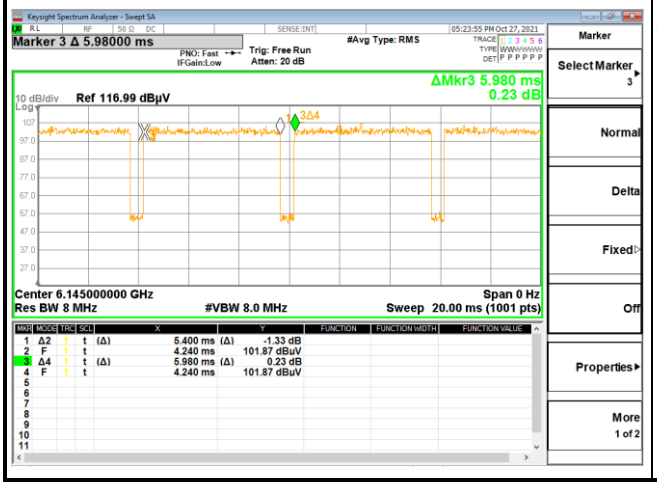
802.11ax HE20



802.11ax HE40



802.11ax HE80



802.11ax HE160