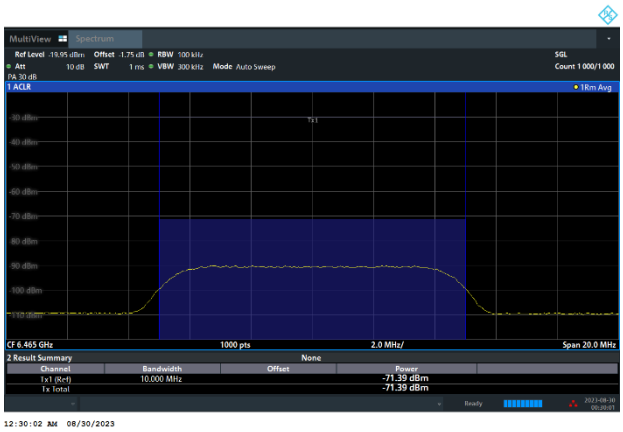
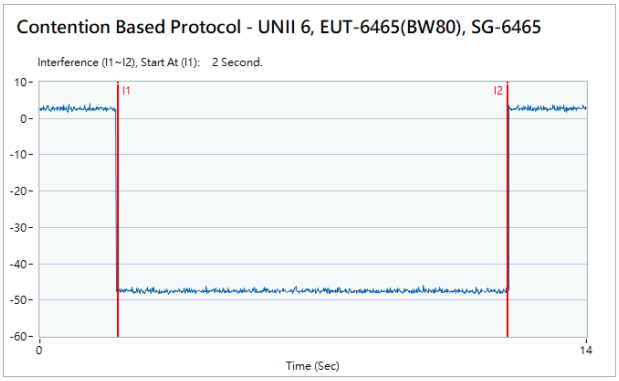
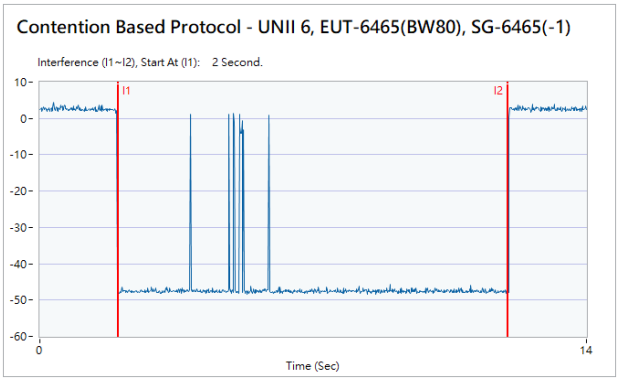
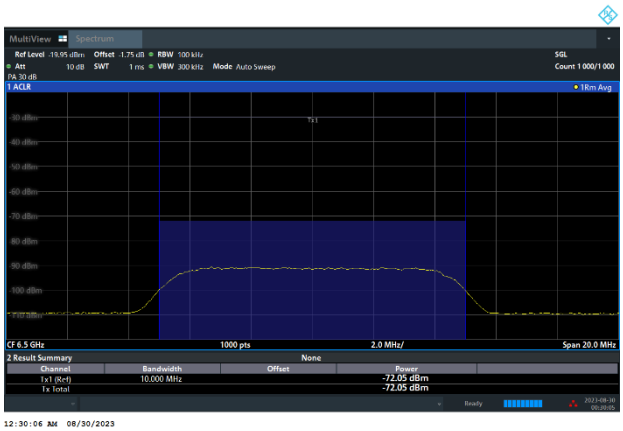
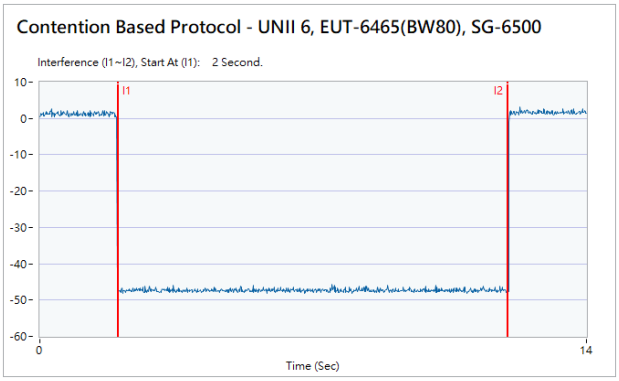
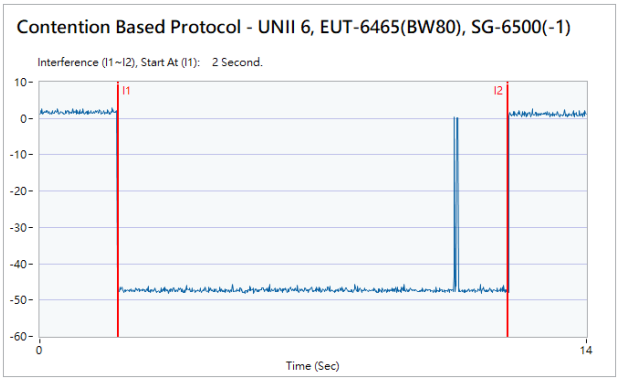
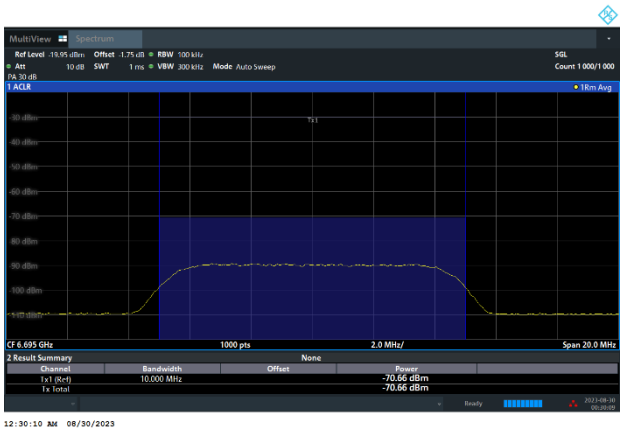
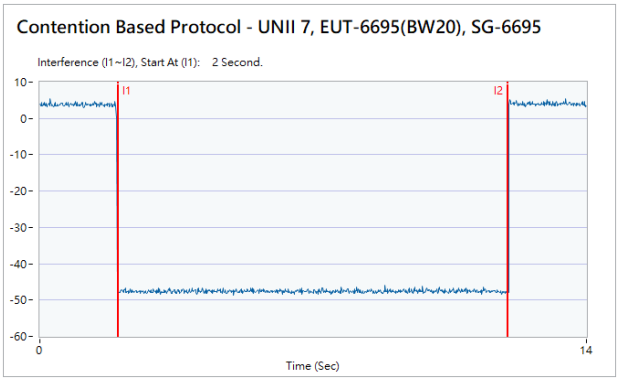
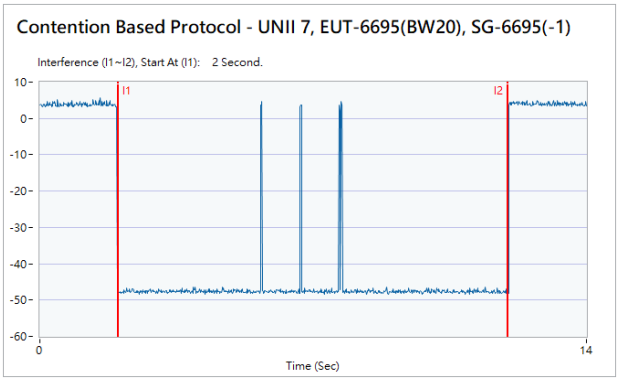
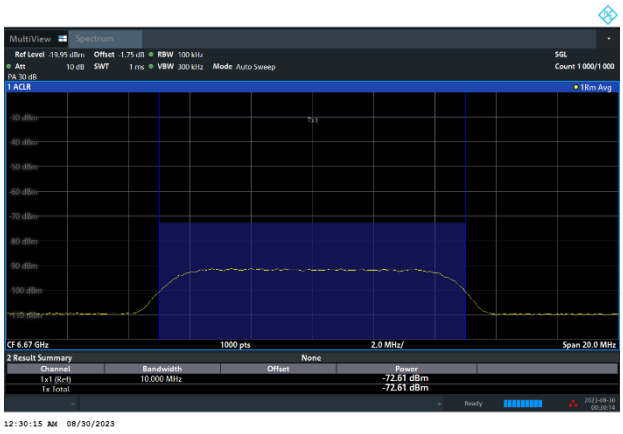
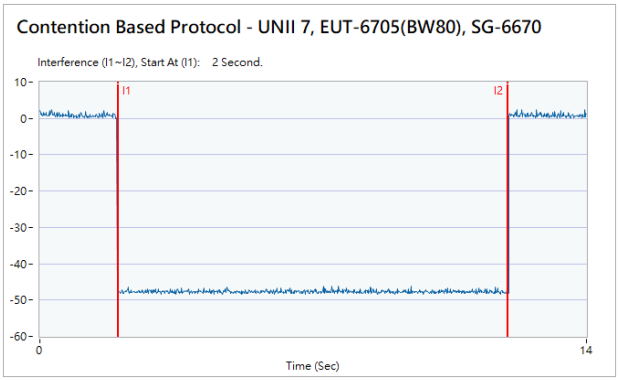
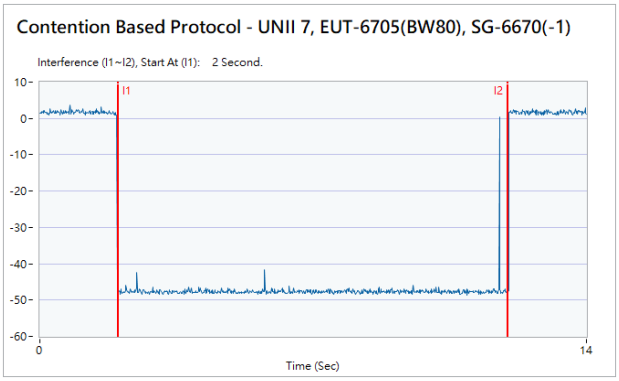
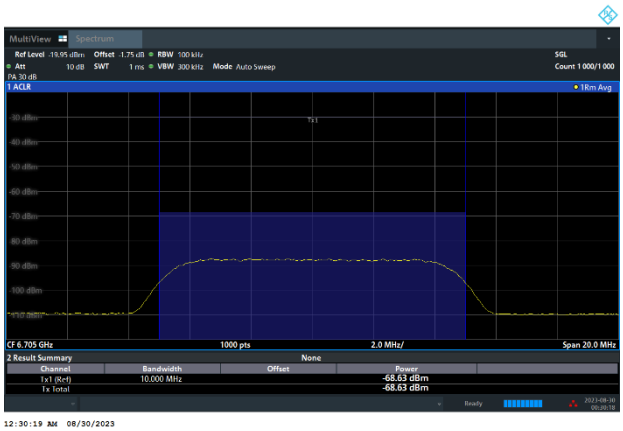
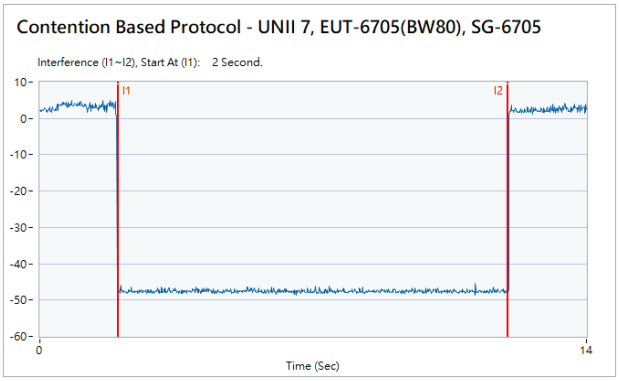
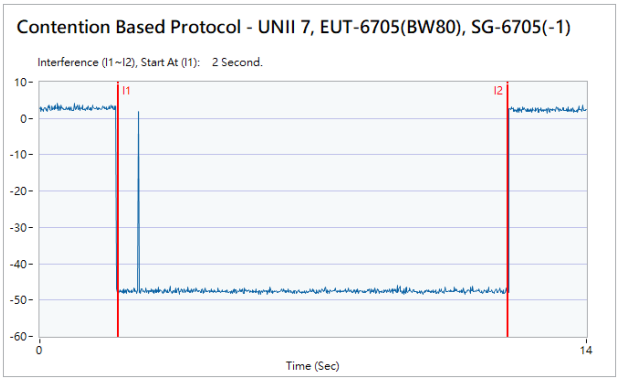
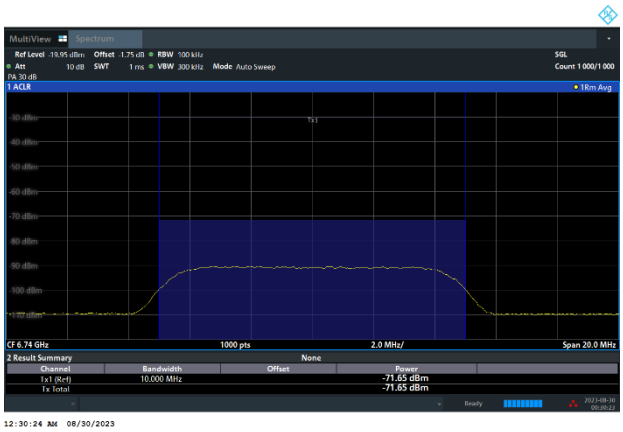
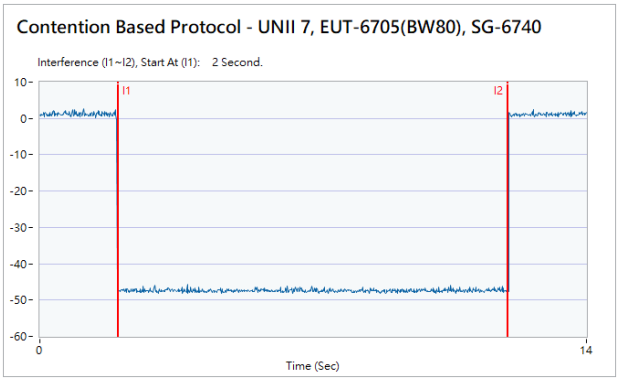
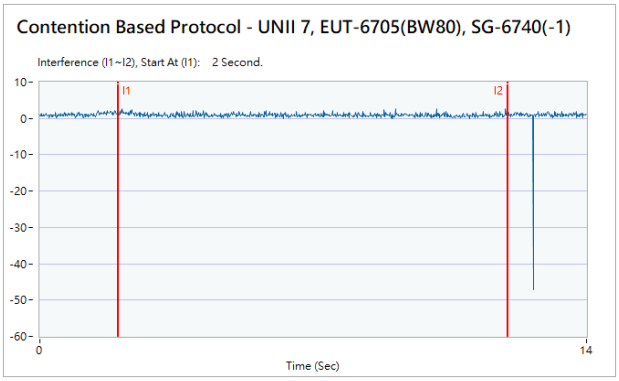
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE80) / 6465MHz (Middle) Threshold Level (TL) = -71.39dBm	802.11ax (HE80) / CH103 (Middle) Test result is pass due to no transmission occur.
	 [CBP6465]
802.11ax (HE80) / 6465MHz (Middle) Threshold Level (TL) = -72.39dBm	802.11ax (HE80) / CH103 (Middle) Transmit when the interferer is 1dB lower.
	 [CBP6465_1]

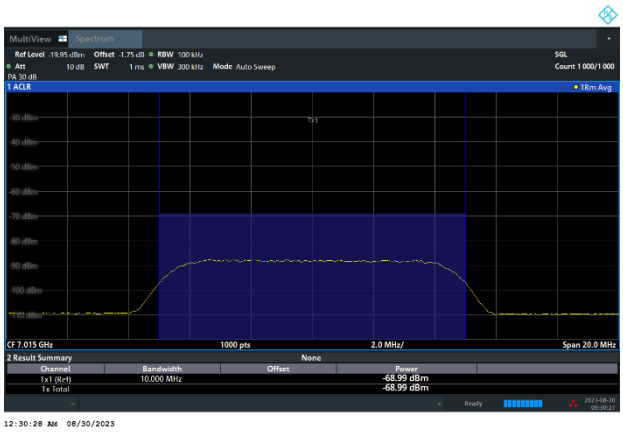
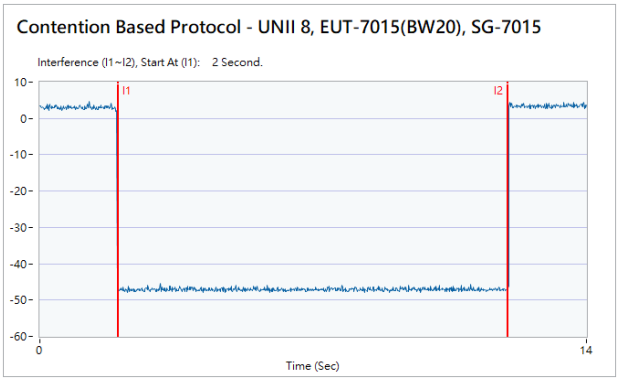
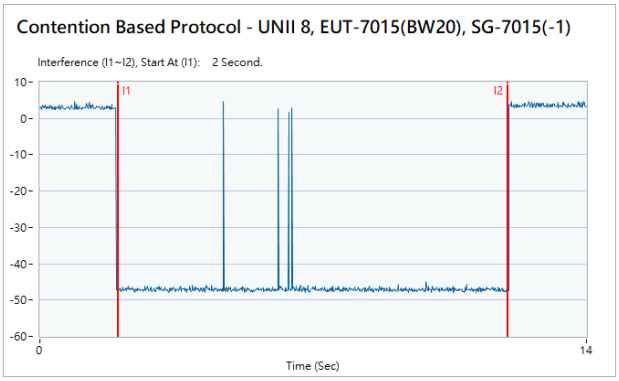
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE80) / 6500MHz (Upper edge) Threshold Level (TL) = -72.05dBm	802.11ax (HE80) / CH103 (Upper edge) Test result is pass due to no transmission occur.
	 [CBP6500]
802.11ax (HE80) / 6580MHz (Upper edge) Threshold Level (TL) = -73.05dBm	802.11ax (HE80) / CH103 (Upper edge) Transmit when the interferer is 1dB lower.
	 [CBP6500_1]

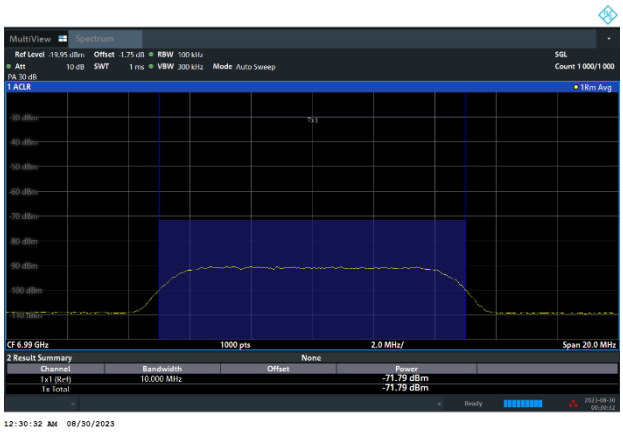
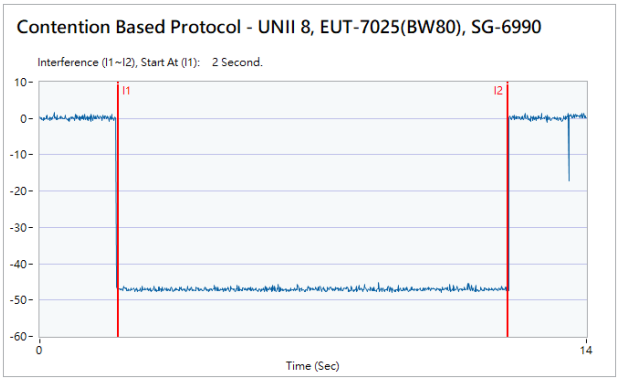
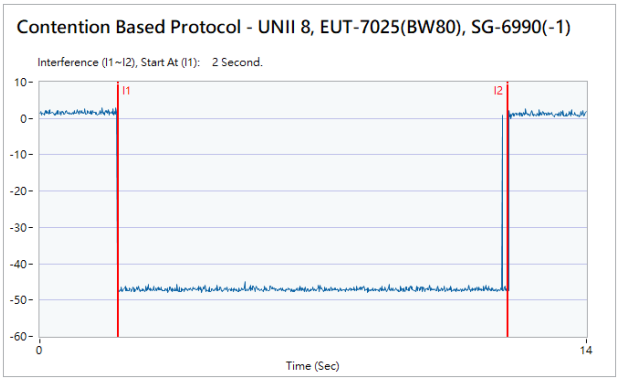
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -70.66dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	 [CBP6695]
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -71.66dBm	802.11ax (HE20) / CH149 Transmit when the interferer is 1dB lower.
	 [CBP6695_1]

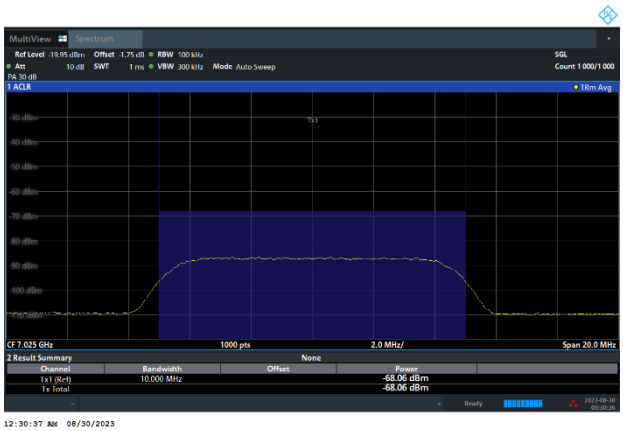
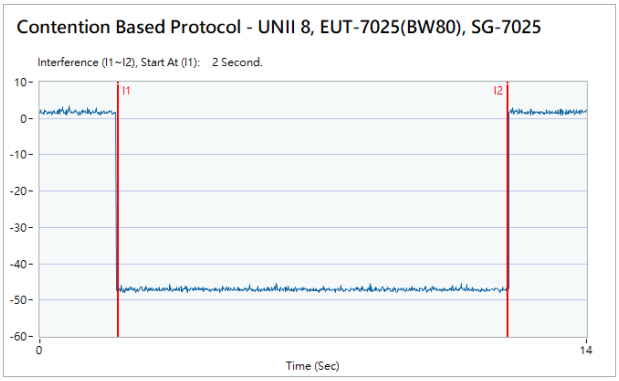
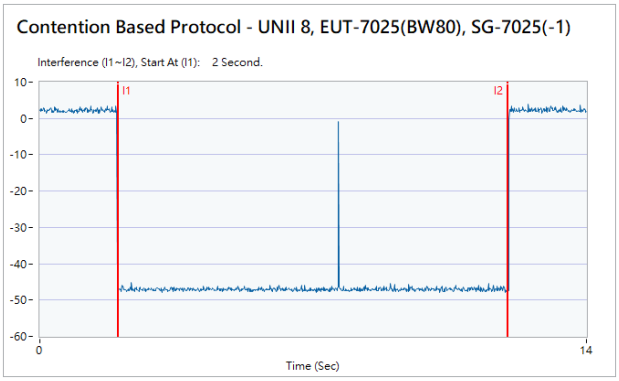
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE80) / 6670MHz (Lower edge) Threshold Level (TL) = -72.61dBm	802.11ax (HE80) / CH151 (Lower edge) Test result is pass due to no transmission occur.
	 [CBP6670]
802.11ax (HE80) / 6670MHz (Lower edge) Threshold Level (TL) = -73.61dBm	802.11ax (HE80) / CH151 (Lower edge) Transmit when the interferer is 1dB lower.
	 [CBP6670_1]

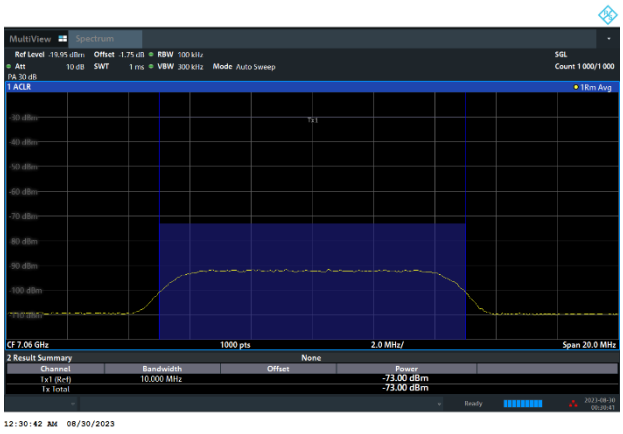
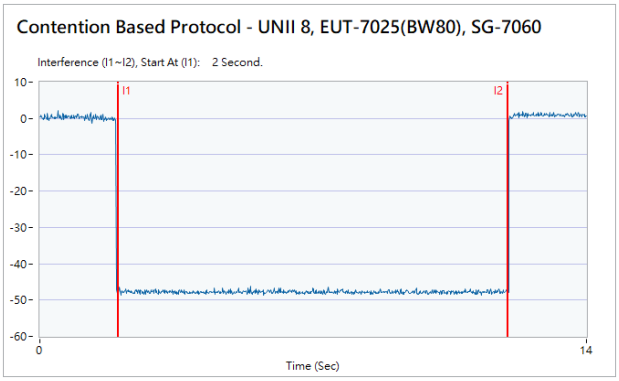
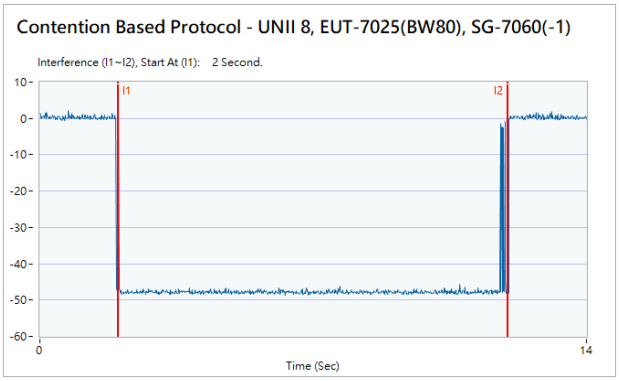
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE80) / 6705MHz (Middle) Threshold Level (TL) = -68.63dBm	802.11ax (HE80) / CH143 (Middle) Test result is pass due to no transmission occur.
	 [CBP6705]
802.11ax (HE80) / 6705MHz (Middle) Threshold Level (TL) = -69.63dBm	802.11ax (HE80) / CH143 (Middle) Transmit when the interferer is 1dB lower.
	 [CBP6705_1]

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE80) / 6740MHz (Upper edge) Threshold Level (TL) = -71.65dBm	802.11ax (HE80) / CH151 (Upper edge) Test result is pass due to no transmission occur.
	 [CBP6740]
802.11ax (HE80) / 6740MHz (Upper edge) Threshold Level (TL) = -72.65dBm	802.11ax (HE80) / CH151 (Upper edge) Transmit when the interferer is 1dB lower.
	 [CBP6740_1]

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -68.99dBm	802.11ax (HE20) / CH213 Test result is pass due to no transmission occur.
	 [CBP7015]
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -69.99dBm	802.11ax (HE20) / CH213 Transmit when the interferer is 1dB lower.
	 [CBP7015_1]

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE80) / 6990MHz (Lower edge) Threshold Level (TL) = -71.79dBm	802.11ax (HE80) / CH215 (Lower edge) Test result is pass due to no transmission occur.
	 [CBP6990]
802.11ax (HE80) / 6990MHz (Lower edge) Threshold Level (TL) = -72.79dBm	802.11ax (HE80) / CH215 (Lower edge) Transmit when the interferer is 1dB lower.
	 [CBP6990_1]

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE80) / 7025MHz (Middle) Threshold Level (TL) = -68.06dBm	802.11ax (HE80) / CH215 (Middle) Test result is pass due to no transmission occur.
	 [CBP7025]
802.11ax (HE80) / 7025MHz (Middle) Threshold Level (TL) = -69.06dBm	802.11ax (HE80) / CH215 (Middle) Transmit when the interferer is 1dB lower.
	 [CBP7025_1]

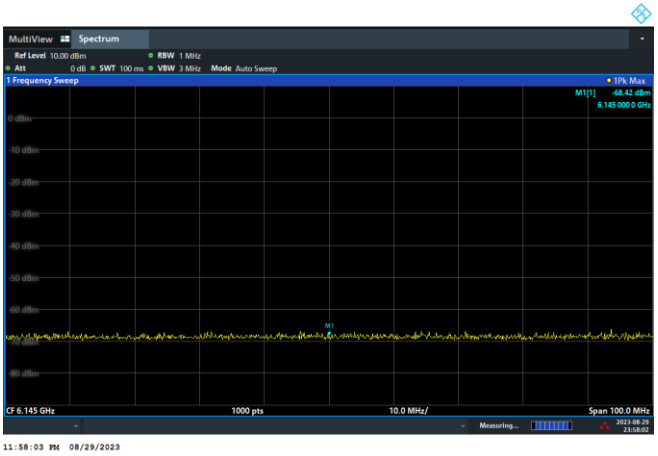
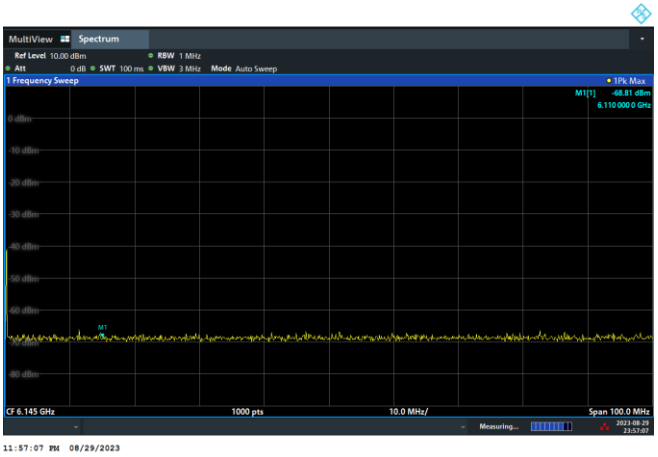
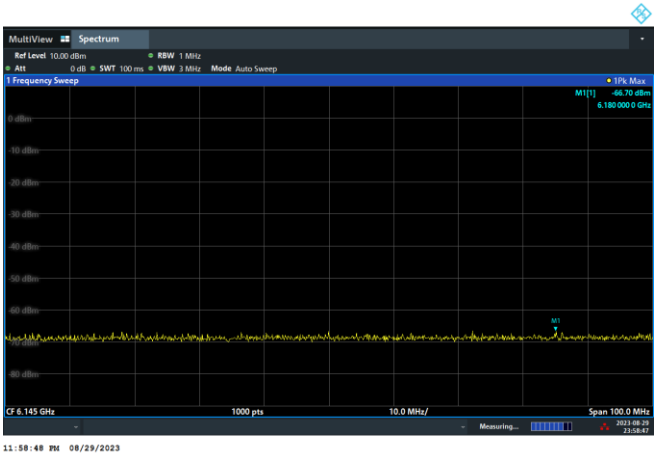
Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE80) / 7060MHz (Upper edge) Threshold Level (TL) = -73.00dBm	802.11ax (HE80) / CH215 (Upper edge) Test result is pass due to no transmission occur.
	 [CBP7060]
802.11ax (HE80) / 7060MHz (Upper edge) Threshold Level (TL) = -74.00dBm	802.11ax (HE80) / CH215 (Upper edge) Transmit when the interferer is 1dB lower.
	 [CBP7060_1]

CBP verify with frequency domain plots

The device does not support channel puncturing with regards to Contention Based Protocol.

The device does not support bandwidth reduction with regards to Contention Based Protocol.

The entire bandwidth 80MHz stops transmission after the incumbent signal appears.

Before incumbent injected on 80MHz channel	After 10MHz incumbent injected on center of channel, the entire 80MHz bandwidth stops transmission.
	
After 10MHz incumbent injected on bottom of channel, the entire 80MHz bandwidth stops transmission.	After 10MHz incumbent injected on top of channel, the entire 80MHz bandwidth stops transmission.
	

3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

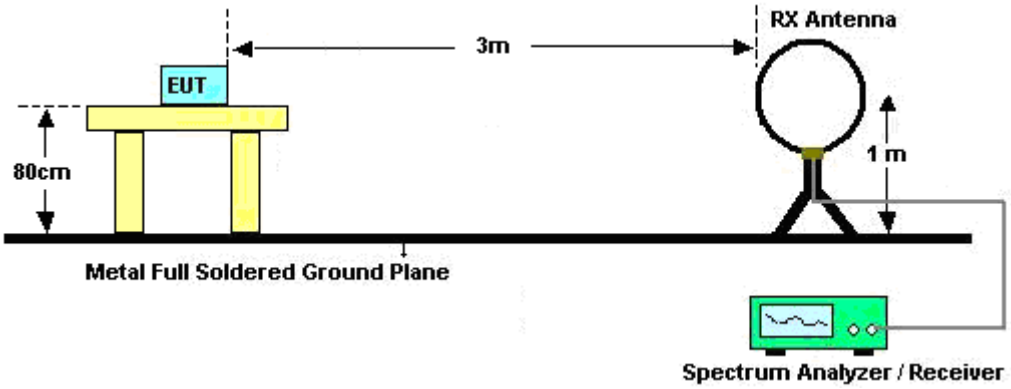
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

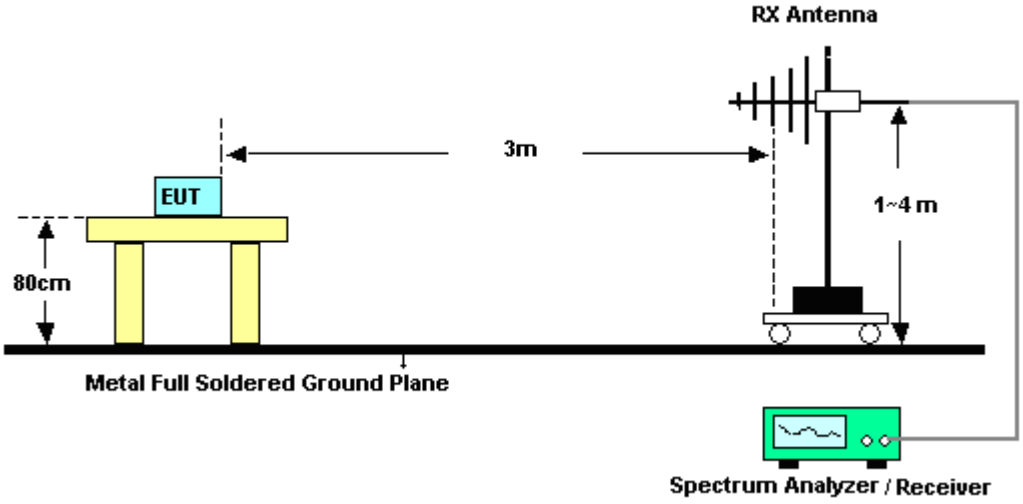
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-"..

3.6.4 Test Setup

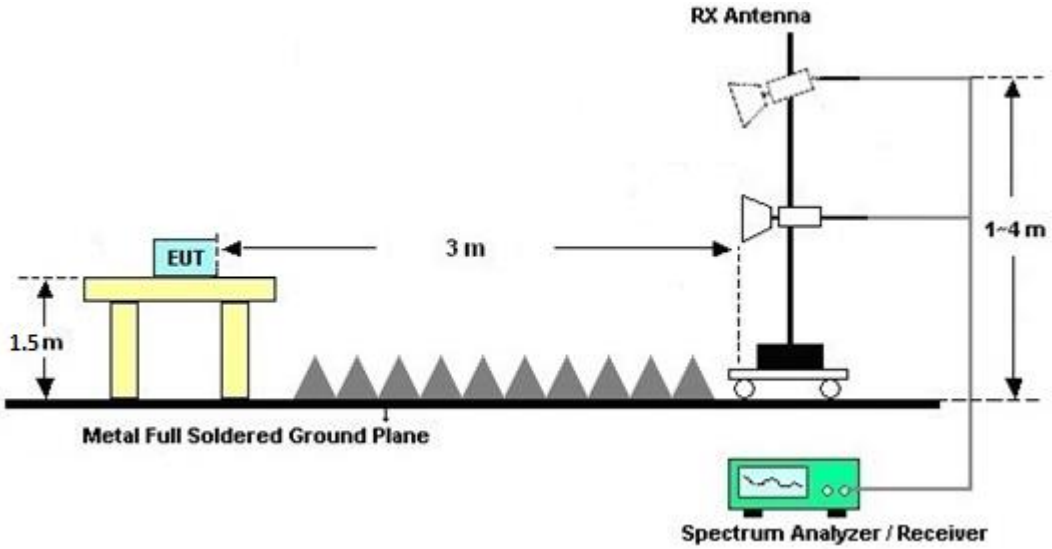
For radiated emissions below 30MHz



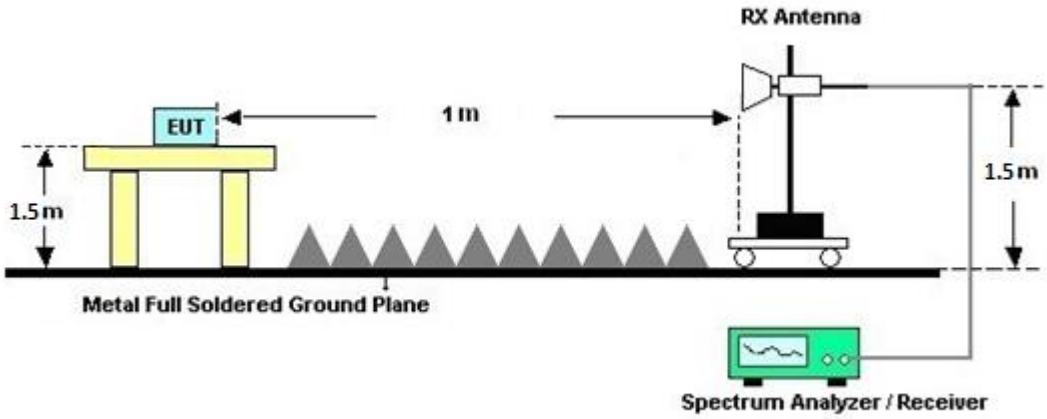
For radiated emissions from 30MHz to 1GHz



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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

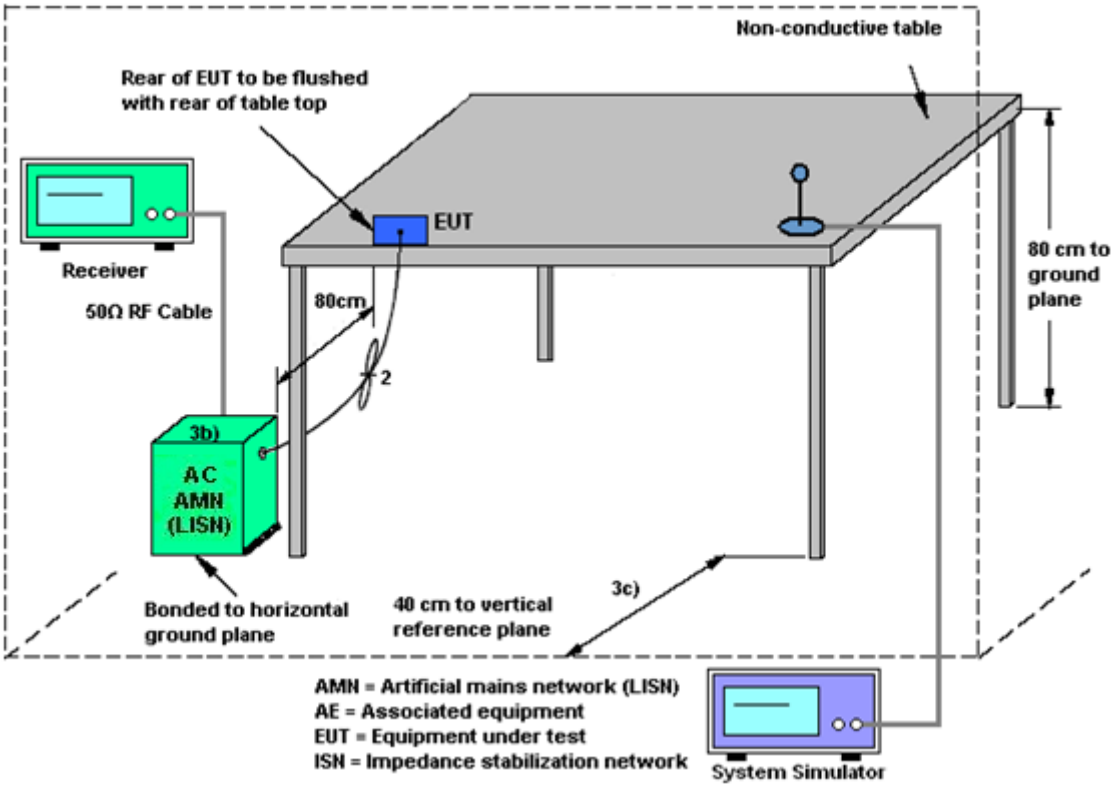
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Standard Applicable

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

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9kHz~30MHz	Feb. 28, 2023	Jul. 26, 2023~ Dec. 01, 2023	Feb. 27, 2024	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 04, 2022	Jul. 26, 2023~ Oct. 02, 2023	Oct. 03, 2023	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 05, 2023	Oct. 03, 2023~ Dec. 01, 2023	Feb. 04, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 15, 2023	Jul. 26, 2023~ Dec. 01, 2023	Jul. 14, 2024	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18EN	1GHz~18GHz	Jul. 12, 2023	Jul. 26, 2023~ Dec. 01, 2023	Jul. 11, 2024	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jul. 10, 2023	Jul. 26, 2023~ Dec. 01, 2023	Jul. 09, 2024	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 29, 2022	Jul. 26, 2023~ Sep. 27, 2023	Sep. 28, 2023	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	Sep. 28, 2023~ Dec. 01, 2023	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 27, 2023	Jul. 26, 2023~ Dec. 01, 2023	Jun. 26, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 06, 2023	Jul. 26, 2023~ Dec. 01, 2023	Jul. 05, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211559	N/A	Nov. 17, 2022	Jul. 26, 2023~ Nov. 15, 2023	Nov. 16, 2023	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Nov. 16, 2023~ Dec. 01, 2023	Oct. 29, 2024	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 26, 2023~ Dec. 01, 2023	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 26, 2023~ Dec. 01, 2023	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 26, 2023~ Dec. 01, 2023	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_2019 122	RK-002347	N/A	N/A	Jul. 26, 2023~ Dec. 01, 2023	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Jul. 26, 2023~ Dec. 01, 2023	Mar. 06, 2024	Radiation (03CH22-HY)
RF Cablejavascript: void(0)	HUBER + SUHNER	SUCOFLEX 102	804390/2,804611/2,804615/2	N/A	Oct. 25, 2022	Jul. 26, 2023~ Oct. 23, 2023	Oct. 24, 2023	Radiation (03CH22-HY)
RF Cablejavascript: void(0)	HUBER + SUHNER	SUCOFLEX 102	804390/2,804611/2,804615/2	N/A	Oct. 24, 2023	Oct. 24, 2023~ Dec. 01, 2023	Oct. 23, 2024	Radiation (03CH22-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Aug. 29, 2023~ Nov. 06, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 07, 2023~ Dec. 05, 2023	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2301001(NO:146)	10MHz~8GHz	Feb. 07, 2023	Aug. 29, 2023~ Dec. 05, 2023	Feb. 06, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Aug. 23, 2023	Aug. 29, 2023~ Dec. 05, 2023	Aug. 22, 2024	Conducted (TH05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 23, 2022	Aug. 29, 2023~ Aug. 30, 2023	Dec. 22, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 31, 2023	Aug. 29, 2023~ Aug. 30, 2023	Jan. 30, 2024	CBP (DF02-HY)
Switch Control Mainframe	EM	WMAD300328 SW18	SW1110202	0.5GHz-18GHz	Calibration from System	Aug. 29, 2023~ Aug. 30, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Aug. 29, 2023~ Aug. 30, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	0120A04051801O	DCMB1CW3A7	0.5-18GHz	Calibration from System	Aug. 29, 2023~ Aug. 30, 2023	Calibration from System	CBP (DF02-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 28, 2023	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 01, 2022	Sep. 28, 2023	Oct. 31, 2023	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	Sep. 28, 2023	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	Sep. 28, 2023	Mar. 04, 2024	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 13, 2023	Sep. 28, 2023	Mar. 12, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 24, 2023	Sep. 28, 2023	Feb. 23, 2024	Conduction (CO07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.46 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.92 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.42 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.40 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.38 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Mina Liu, Ray Wang and Willy Chang	Temperature:	21~25	°C
Test Date:	2023/8/29~2023/12/5	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	001	5955	17.08	16.88	21.60	21.36	320.00	Pass
11a	6Mbps	2	049	6195	17.03	16.88	21.76	21.60	320.00	Pass
11a	6Mbps	2	093	6415	17.08	16.93	21.68	21.68	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	001	5955	6.70	5.80	9.28	-2.90		6.38	24.00	Pass
11a	6Mbps	2	049	6195	6.90	5.60	9.31	-2.90		6.41	24.00	Pass
11a	6Mbps	2	093	6415	7.00	6.20	9.63	-2.90		6.73	24.00	Pass

Report Number : FR380306F

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	001	5955	0.29	0.29			-1.18	-0.33		-1.51	-1.00	Pass
11a	6Mbps	2	049	6195	0.29	0.29			-1.13	-0.33		-1.46	-1.00	Pass
11a	6Mbps	2	093	6415	0.29	0.29			-1.13	-0.33		-1.45	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	097	6435	17.13	16.88	21.76	21.52	320.00	Pass
11a	6Mbps	2	105	6475	17.08	16.83	21.52	21.60	320.00	Pass
11a	6Mbps	2	113	6515	17.08	16.83	21.76	21.52	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	097	6435	7.90	7.60	10.76	-4.40		6.36	24.00	Pass
11a	6Mbps	2	105	6475	8.00	7.60	10.81	-4.40		6.41	24.00	Pass
11a	6Mbps	2	113	6515	7.60	7.70	10.66	-4.40		6.26	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	097	6435	0.29	0.29			0.42	-1.54		-1.12	-1.00	Pass
11a	6Mbps	2	105	6475	0.29	0.29			0.30	-1.54		-1.24	-1.00	Pass
11a	6Mbps	2	113	6515	0.29	0.29			0.17	-1.54		-1.37	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	117	6535	17.03	16.88	21.68	21.52	320.00	Pass
11a	6Mbps	2	149	6695	17.08	16.83	21.60	21.68	320.00	Pass
11a	6Mbps	2	181	6855	17.03	16.78	21.52	21.44	320.00	Pass

U-NII-7 straddle channel MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	185	6875	16.98	16.78	21.44	21.44	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	117	6535	7.80	7.20	10.52	-4.10		6.42	24.00	Pass
11a	6Mbps	2	149	6695	8.00	7.60	10.81	-4.10		6.71	24.00	Pass
11a	6Mbps	2	181	6855	7.80	7.40	10.61	-4.10		6.51	24.00	Pass

U-NII-7 straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	185	6875	8.00	7.60	10.81	-4.10		6.71	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	117	6535	0.29	0.29			0.13	-1.43		-1.31	-1.00	Pass
11a	6Mbps	2	149	6695	0.29	0.29			0.06	-1.43		-1.37	-1.00	Pass
11a	6Mbps	2	181	6855	0.29	0.29			-0.01	-1.43		-1.45	-1.00	Pass

FCC U-NII-7 straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	185	6875	0.29	0.29			0.28	-1.43		-1.15	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	189	6895	16.98	16.83	21.60	21.44	320.00	Pass
11a	6Mbps	2	209	6995	16.88	16.78	21.52	21.52	320.00	Pass
11a	6Mbps	2	229	7095	17.08	16.73	21.44	21.60	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	189	6895	6.40	5.90	9.17	-4.30		4.87	24.00	Pass
11a	6Mbps	2	209	6995	6.30	5.80	9.07	-4.30		4.77	24.00	Pass
11a	6Mbps	2	229	7095	7.50	6.80	10.17	-4.30		5.87	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	189	6895	0.29	0.29			-1.38	-1.39		-2.77	-1.00	Pass
11a	6Mbps	2	209	6995	0.29	0.29			-1.42	-1.39		-2.81	-1.00	Pass
11a	6Mbps	2	229	7095	0.29	0.29			-1.24	-1.39		-2.63	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	001	5955	Full	19.03	18.98	21.52	21.44	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.03	19.03	21.28	21.60	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.08	19.08	21.76	21.76	320.00	Pass
HE40	MCS0	2	003	5965	Full	37.66	37.66	41.12	40.96	320.00	Pass
HE40	MCS0	2	051	6205	Full	37.76	37.66	41.28	41.12	320.00	Pass
HE40	MCS0	2	091	6405	Full	37.66	37.76	41.12	40.96	320.00	Pass
HE80	MCS0	2	007	5985	Full	76.72	76.60	81.60	81.28	320.00	Pass
HE80	MCS0	2	055	6225	Full	76.60	76.84	81.60	81.92	320.00	Pass
HE80	MCS0	2	087	6385	Full	76.72	76.60	81.92	81.28	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	7.50	6.60	10.08	-2.90		7.18	24.00	Pass
HE20	MCS0	2	001	5955	26/0	0.20	-1.00	2.65	-2.90		-0.25	24.00	Pass
HE20	MCS0	2	001	5955	52/37	3.00	1.80	5.45	-2.90		2.55	24.00	Pass
HE20	MCS0	2	001	5955	106/53	5.20	4.40	7.83	-2.90		4.93	24.00	Pass
HE20	MCS0	2	049	6195	Full	7.50	6.60	10.08	-2.90		7.18	24.00	Pass
HE20	MCS0	2	049	6195	26/4	0.30	-0.90	2.75	-2.90		-0.15	24.00	Pass
HE20	MCS0	2	049	6195	52/38	2.40	1.40	4.94	-2.90		2.04	24.00	Pass
HE20	MCS0	2	049	6195	106/53	5.00	3.90	7.50	-2.90		4.60	24.00	Pass
HE20	MCS0	2	093	6415	Full	7.50	6.40	10.00	-2.90		7.10	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-1.30	-1.10	1.81	-2.90		-1.09	24.00	Pass
HE20	MCS0	2	093	6415	52/40	1.90	0.90	4.44	-2.90		1.54	24.00	Pass
HE20	MCS0	2	093	6415	106/54	5.00	4.20	7.63	-2.90		4.73	24.00	Pass
HE40	MCS0	2	003	5965	Full	10.50	9.60	13.08	-2.90		10.18	24.00	Pass
HE40	MCS0	2	003	5965	242/61	9.00	6.80	11.05	-2.90		8.15	24.00	Pass
HE40	MCS0	2	051	6205	Full	10.50	9.40	13.00	-2.90		10.10	24.00	Pass
HE40	MCS0	2	051	6205	242/61	9.20	7.70	11.52	-2.90		8.62	24.00	Pass
HE40	MCS0	2	091	6405	Full	10.50	9.60	13.08	-2.90		10.18	24.00	Pass
HE40	MCS0	2	091	6405	242/62	8.80	8.00	11.43	-2.90		8.53	24.00	Pass
HE80	MCS0	2	007	5985	Full	13.50	12.70	16.13	-2.90		13.23	24.00	Pass
HE80	MCS0	2	007	5985	484/65	11.20	10.50	13.87	-2.90		10.97	24.00	Pass
HE80	MCS0	2	055	6225	Full	13.50	12.40	16.00	-2.90		13.10	24.00	Pass
HE80	MCS0	2	055	6225	484/65	10.40	10.60	13.51	-2.90		10.61	24.00	Pass
HE80	MCS0	2	087	6385	Full	13.50	12.70	16.13	-2.90		13.23	24.00	Pass
HE80	MCS0	2	087	6385	484/66	10.90	9.90	13.44	-2.90		10.54	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	0.40	0.40			-0.85	-0.33		-1.18	-1.00	Pass
HE20	MCS0	2	001	5955	26/0	0.59	0.59			-0.94	-0.33		-1.27	-1.00	Pass
HE20	MCS0	2	001	5955	52/37	0.59	0.59			-0.98	-0.33		-1.31	-1.00	Pass
HE20	MCS0	2	001	5955	106/53	0.59	0.59			-1.09	-0.33		-1.42	-1.00	Pass
HE20	MCS0	2	049	6195	Full	0.40	0.40			-1.15	-0.33		-1.48	-1.00	Pass
HE20	MCS0	2	049	6195	26/4	0.59	0.59			-1.20	-0.33		-1.52	-1.00	Pass
HE20	MCS0	2	049	6195	52/38	0.59	0.59			-1.37	-0.33		-1.70	-1.00	Pass
HE20	MCS0	2	049	6195	106/53	0.59	0.59			-1.47	-0.33		-1.80	-1.00	Pass
HE20	MCS0	2	093	6415	Full	0.40	0.40			-0.79	-0.33		-1.11	-1.00	Pass
HE20	MCS0	2	093	6415	26/8	0.59	0.59			-0.96	-0.33		-1.29	-1.00	Pass
HE20	MCS0	2	093	6415	52/40	0.59	0.59			-1.00	-0.33		-1.32	-1.00	Pass
HE20	MCS0	2	093	6415	106/54	0.59	0.59			-0.99	-0.33		-1.32	-1.00	Pass
HE40	MCS0	2	003	5965	Full	0.40	0.40			-0.82	-0.33		-1.15	-1.00	Pass
HE40	MCS0	2	003	5965	242/61	0.38	0.38			-0.98	-0.33		-1.30	-1.00	Pass
HE40	MCS0	2	051	6205	Full	0.40	0.40			-0.82	-0.33		-1.15	-1.00	Pass
HE40	MCS0	2	051	6205	242/61	0.38	0.38			-1.17	-0.33		-1.49	-1.00	Pass
HE40	MCS0	2	091	6405	Full	0.40	0.40			-0.88	-0.33		-1.21	-1.00	Pass
HE40	MCS0	2	091	6405	242/62	0.38	0.38			-1.13	-0.33		-1.46	-1.00	Pass
HE80	MCS0	2	007	5985	Full	0.40	0.40			-0.74	-0.33		-1.07	-1.00	Pass
HE80	MCS0	2	007	5985	484/65	0.35	0.32			-0.87	-0.33		-1.20	-1.00	Pass
HE80	MCS0	2	055	6225	Full	0.40	0.40			-0.69	-0.33		-1.02	-1.00	Pass
HE80	MCS0	2	055	6225	484/65	0.35	0.32			-0.73	-0.33		-1.06	-1.00	Pass
HE80	MCS0	2	087	6385	Full	0.40	0.40			-0.76	-0.33		-1.09	-1.00	Pass
HE80	MCS0	2	087	6385	484/66	0.35	0.32			-1.25	-0.33		-1.58	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	097	6435	Full	19.08	18.98	21.52	22.00	320.00	Pass
HE20	MCS0	2	105	6475	Full	19.03	19.08	21.60	21.36	320.00	Pass
HE20	MCS0	2	113	6515	Full	19.08	18.98	21.68	21.60	320.00	Pass
HE40	MCS0	2	099	6445	Full	37.66	37.46	41.44	40.80	320.00	Pass
HE40	MCS0	2	107	6485	Full	37.66	37.66	41.60	40.64	320.00	Pass
HE80	MCS0	2	103	6465	Full	76.72	76.73	81.92	82.24	320.00	Pass

U-NII-6 straddle channel MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE40	MCS0	2	115	6525	Full	37.76	37.66	41.12	40.96	320.00	Pass
HE80	MCS0	2	119	6545	Full	76.60	76.96	81.92	81.92	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	097	6435	Full	8.50	7.90	11.22	-4.40		6.82	24.00	Pass
HE20	MCS0	2	097	6435	26/0	-0.40	-0.70	2.46	-4.40		-1.94	24.00	Pass
HE20	MCS0	2	097	6435	52/37	2.50	2.30	5.41	-4.40		1.01	24.00	Pass
HE20	MCS0	2	097	6435	106/53	6.10	5.20	8.68	-4.40		4.28	24.00	Pass
HE20	MCS0	2	105	6475	Full	9.00	8.70	11.86	-4.40		7.46	24.00	Pass
HE20	MCS0	2	105	6475	26/4	1.10	0.80	3.96	-4.40		-0.44	24.00	Pass
HE20	MCS0	2	105	6475	52/38	3.00	2.70	5.86	-4.40		1.46	24.00	Pass
HE20	MCS0	2	105	6475	106/53	6.40	6.20	9.31	-4.40		4.91	24.00	Pass
HE20	MCS0	2	113	6515	Full	8.50	7.70	11.13	-4.40		6.73	24.00	Pass
HE20	MCS0	2	113	6515	26/8	0.20	0.10	3.16	-4.40		-1.24	24.00	Pass
HE20	MCS0	2	113	6515	52/40	3.00	2.90	5.96	-4.40		1.56	24.00	Pass
HE20	MCS0	2	113	6515	106/54	6.00	6.00	9.01	-4.40		4.61	24.00	Pass
HE40	MCS0	2	099	6445	Full	11.40	11.10	14.26	-4.40		9.86	24.00	Pass
HE40	MCS0	2	099	6445	242/61	9.90	9.90	12.91	-4.40		8.51	24.00	Pass
HE40	MCS0	2	107	6485	Full	11.50	11.10	14.31	-4.40		9.91	24.00	Pass
HE40	MCS0	2	107	6485	242/62	9.50	9.20	12.36	-4.40		7.96	24.00	Pass
HE80	MCS0	2	103	6465	Full	14.40	14.60	17.51	-4.40		13.11	24.00	Pass
HE80	MCS0	2	103	6465	484/65	12.40	11.90	15.17	-4.40		10.77	24.00	Pass

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE40	MCS0	2	115	6525	Full	11.50	11.20	14.36	-4.40		9.96	24.00	Pass
HE40	MCS0	2	115	6525	242/62	9.90	8.40	12.22	-4.40		7.82	24.00	Pass
HE80	MCS0	2	119	6545	Full	14.70	14.60	17.66	-4.40		13.26	24.00	Pass
HE80	MCS0	2	119	6545	484/65	12.30	11.90	15.11	-4.40		10.71	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	097	6435	Full	0.40	0.40			0.25	-1.54		-1.29	-1.00	Pass
HE20	MCS0	2	097	6435	26/0	0.59	0.59			-0.04	-1.54		-1.58	-1.00	Pass
HE20	MCS0	2	097	6435	52/37	0.59	0.59			-0.17	-1.54		-1.70	-1.00	Pass
HE20	MCS0	2	097	6435	106/53	0.59	0.59			-0.03	-1.54		-1.56	-1.00	Pass
HE20	MCS0	2	105	6475	Full	0.40	0.40			0.21	-1.54		-1.33	-1.00	Pass
HE20	MCS0	2	105	6475	26/4	0.59	0.59			0.03	-1.54		-1.51	-1.00	Pass
HE20	MCS0	2	105	6475	52/38	0.59	0.59			0.06	-1.54		-1.47	-1.00	Pass
HE20	MCS0	2	105	6475	106/53	0.59	0.59			0.17	-1.54		-1.37	-1.00	Pass
HE20	MCS0	2	113	6515	Full	0.40	0.40			0.29	-1.54		-1.25	-1.00	Pass
HE20	MCS0	2	113	6515	26/8	0.59	0.59			0.20	-1.54		-1.34	-1.00	Pass
HE20	MCS0	2	113	6515	52/40	0.59	0.59			0.08	-1.54		-1.45	-1.00	Pass
HE20	MCS0	2	113	6515	106/54	0.59	0.59			0.22	-1.54		-1.32	-1.00	Pass
HE40	MCS0	2	099	6445	Full	0.40	0.40			0.29	-1.54		-1.25	-1.00	Pass
HE40	MCS0	2	099	6445	242/61	0.38	0.38			0.26	-1.54		-1.28	-1.00	Pass
HE40	MCS0	2	107	6485	Full	0.40	0.40			0.33	-1.54		-1.21	-1.00	Pass
HE40	MCS0	2	107	6485	242/62	0.38	0.38			0.11	-1.54		-1.43	-1.00	Pass
HE80	MCS0	2	103	6465	Full	0.40	0.40			0.47	-1.54		-1.07	-1.00	Pass
HE80	MCS0	2	103	6465	484/65	0.35	0.32			0.28	-1.54		-1.26	-1.00	Pass

U-NII-6 straddle channel MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE40	MCS0	2	115	6525	Full	0.40	0.40			0.38	-1.54		-1.16	-1.00	Pass
HE40	MCS0	2	115	6525	242/62	0.38	0.38			0.09	-1.54		-1.45	-1.00	Pass
HE80	MCS0	2	119	6545	Full	0.40	0.40			0.44	-1.54		-1.10	-1.00	Pass
HE80	MCS0	2	119	6545	484/65	0.35	0.32			0.11	-1.54		-1.43	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	117	6535	Full	19.03	19.03	21.52	21.44	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.03	19.03	21.60	21.52	320.00	Pass
HE20	MCS0	2	181	6855	Full	18.98	18.98	21.52	21.60	320.00	Pass
HE40	MCS0	2	123	6565	Full	37.66	37.56	41.28	40.80	320.00	Pass
HE40	MCS0	2	147	6685	Full	37.56	37.56	41.28	40.80	320.00	Pass
HE40	MCS0	2	179	6845	Full	37.56	37.56	41.28	40.96	320.00	Pass
HE80	MCS0	2	135	6625	Full	76.72	76.84	81.60	81.60	320.00	Pass
HE80	MCS0	2	151	6705	Full	76.84	76.72	81.92	82.24	320.00	Pass
HE80	MCS0	2	167	6785	Full	76.72	76.72	81.60	81.92	320.00	Pass

U-NII-7 straddle channel MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	185	6875	Full	18.98	19.03	21.60	21.36	320.00	Pass
HE40	MCS0	2	187	6885	Full	37.66	37.56	41.76	40.96	320.00	Pass
HE80	MCS0	2	183	6865	Full	76.60	76.72	81.28	81.28	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	8.30	8.20	11.26	-4.10		7.16	24.00	Pass
HE20	MCS0	2	117	6535	26/0	-0.20	0.20	3.01	-4.10		-1.09	24.00	Pass
HE20	MCS0	2	117	6535	52/37	2.60	2.90	5.76	-4.10		1.66	24.00	Pass
HE20	MCS0	2	117	6535	106/53	5.70	5.50	8.61	-4.10		4.51	24.00	Pass
HE20	MCS0	2	149	6695	Full	8.60	8.40	11.51	-4.10		7.41	24.00	Pass
HE20	MCS0	2	149	6695	26/4	1.10	0.30	3.73	-4.10		-0.37	24.00	Pass
HE20	MCS0	2	149	6695	52/38	3.10	2.30	5.73	-4.10		1.63	24.00	Pass
HE20	MCS0	2	149	6695	106/53	6.90	5.50	9.27	-4.10		5.17	24.00	Pass
HE20	MCS0	2	181	6855	Full	9.00	8.00	11.54	-4.10		7.44	24.00	Pass
HE20	MCS0	2	181	6855	26/8	0.60	0.80	3.71	-4.10		-0.39	24.00	Pass
HE20	MCS0	2	181	6855	52/40	3.30	2.70	6.02	-4.10		1.92	24.00	Pass
HE20	MCS0	2	181	6855	106/54	6.70	5.90	9.33	-4.10		5.23	24.00	Pass
HE40	MCS0	2	123	6565	Full	11.70	10.80	14.28	-4.10		10.18	24.00	Pass
HE40	MCS0	2	123	6565	242/61	9.40	9.30	12.36	-4.10		8.26	24.00	Pass
HE40	MCS0	2	147	6685	Full	12.00	11.00	14.54	-4.10		10.44	24.00	Pass
HE40	MCS0	2	147	6685	242/61	9.80	9.00	12.43	-4.10		8.33	24.00	Pass
HE40	MCS0	2	179	6845	Full	12.00	11.00	14.54	-4.10		10.44	24.00	Pass
HE40	MCS0	2	179	6845	242/62	10.00	9.30	12.67	-4.10		8.57	24.00	Pass
HE80	MCS0	2	135	6625	Full	14.20	14.10	17.16	-4.10		13.06	24.00	Pass
HE80	MCS0	2	135	6625	484/65	12.40	12.00	15.21	-4.10		11.11	24.00	Pass
HE80	MCS0	2	151	6705	Full	14.20	14.20	17.21	-4.10		13.11	24.00	Pass
HE80	MCS0	2	151	6705	484/65	12.50	11.80	15.17	-4.10		11.07	24.00	Pass
HE80	MCS0	2	167	6785	Full	14.50	14.10	17.31	-4.10		13.21	24.00	Pass
HE80	MCS0	2	167	6785	484/66	12.80	11.30	15.12	-4.10		11.02	24.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	185	6875	Full	8.30	7.90	11.11	-4.10		7.01	24.00	Pass
HE20	MCS0	2	185	6875	26/8	0.50	-0.10	3.22	-4.10		-0.88	24.00	Pass
HE20	MCS0	2	185	6875	52/40	3.00	2.40	5.72	-4.10		1.62	24.00	Pass
HE20	MCS0	2	185	6875	106/54	6.00	5.60	8.81	-4.10		4.71	24.00	Pass
HE40	MCS0	2	187	6885	Full	11.50	10.80	14.17	-4.10		10.07	24.00	Pass
HE40	MCS0	2	187	6885	242/62	9.70	9.20	12.47	-4.10		8.37	24.00	Pass
HE80	MCS0	2	183	6865	Full	14.50	14.60	17.56	-4.10		13.46	24.00	Pass
HE80	MCS0	2	183	6865	484/66	12.80	11.60	15.25	-4.10		11.15	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	0.40	0.40			0.29	-1.43		-1.14	-1.00	Pass
HE20	MCS0	2	117	6535	26/0	0.59	0.59			0.11	-1.43		-1.32	-1.00	Pass
HE20	MCS0	2	117	6535	52/37	0.59	0.59			0.01	-1.43		-1.42	-1.00	Pass
HE20	MCS0	2	117	6535	106/53	0.59	0.59			-0.16	-1.43		-1.59	-1.00	Pass
HE20	MCS0	2	149	6695	Full	0.40	0.40			0.12	-1.43		-1.32	-1.00	Pass
HE20	MCS0	2	149	6695	26/4	0.59	0.59			-0.17	-1.43		-1.60	-1.00	Pass
HE20	MCS0	2	149	6695	52/38	0.59	0.59			-0.13	-1.43		-1.56	-1.00	Pass
HE20	MCS0	2	149	6695	106/53	0.59	0.59			-0.07	-1.43		-1.50	-1.00	Pass
HE20	MCS0	2	181	6855	Full	0.40	0.40			0.16	-1.43		-1.27	-1.00	Pass
HE20	MCS0	2	181	6855	26/8	0.59	0.59			-0.15	-1.43		-1.58	-1.00	Pass
HE20	MCS0	2	181	6855	52/40	0.59	0.59			-0.37	-1.43		-1.81	-1.00	Pass
HE20	MCS0	2	181	6855	106/54	0.59	0.59			-0.02	-1.43		-1.45	-1.00	Pass
HE40	MCS0	2	123	6565	Full	0.40	0.40			0.17	-1.43		-1.26	-1.00	Pass
HE40	MCS0	2	123	6565	242/61	0.38	0.38			0.16	-1.43		-1.27	-1.00	Pass
HE40	MCS0	2	147	6685	Full	0.40	0.40			0.28	-1.43		-1.15	-1.00	Pass
HE40	MCS0	2	147	6685	242/61	0.38	0.38			0.21	-1.43		-1.23	-1.00	Pass
HE40	MCS0	2	179	6845	Full	0.40	0.40			0.34	-1.43		-1.09	-1.00	Pass
HE40	MCS0	2	179	6845	242/62	0.38	0.38			0.07	-1.43		-1.37	-1.00	Pass
HE80	MCS0	2	135	6625	Full	0.40	0.40			0.43	-1.43		-1.01	-1.00	Pass
HE80	MCS0	2	135	6625	484/65	0.35	0.32			0.24	-1.43		-1.19	-1.00	Pass
HE80	MCS0	2	151	6705	Full	0.40	0.40			0.38	-1.43		-1.05	-1.00	Pass
HE80	MCS0	2	151	6705	484/65	0.35	0.32			0.14	-1.43		-1.29	-1.00	Pass
HE80	MCS0	2	167	6785	Full	0.40	0.40			0.35	-1.43		-1.08	-1.00	Pass
HE80	MCS0	2	167	6785	484/66	0.35	0.32			0.29	-1.43		-1.14	-1.00	Pass

U-NII-7 straddle channel MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	185	6875	Full	0.40	0.40			-0.01	-1.43		-1.44	-1.00	Pass
HE20	MCS0	2	185	6875	26/8	0.59	0.59			-0.38	-1.43		-1.81	-1.00	Pass
HE20	MCS0	2	185	6875	52/40	0.59	0.59			-0.40	-1.43		-1.83	-1.00	Pass
HE20	MCS0	2	185	6875	106/54	0.59	0.59			-0.37	-1.43		-1.80	-1.00	Pass
HE40	MCS0	2	187	6885	Full	0.40	0.40			0.26	-1.43		-1.17	-1.00	Pass
HE40	MCS0	2	187	6885	242/62	0.38	0.38			0.03	-1.43		-1.40	-1.00	Pass
HE80	MCS0	2	183	6865	Full	0.40	0.40			0.41	-1.43		-1.02	-1.00	Pass
HE80	MCS0	2	183	6865	484/66	0.35	0.32			0.20	-1.43		-1.23	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	189	6895	Full	19.08	19.03	21.60	21.52	320.00	Pass
HE20	MCS0	2	209	6995	Full	18.98	18.98	21.68	21.12	320.00	Pass
HE20	MCS0	2	229	7095	Full	19.08	19.03	21.68	21.52	320.00	Pass
HE40	MCS0	2	195	6925	Full	37.66	37.56	40.96	40.80	320.00	Pass
HE40	MCS0	2	211	7005	Full	37.76	37.66	41.12	40.64	320.00	Pass
HE40	MCS0	2	227	7085	Full	37.66	37.66	40.80	40.80	320.00	Pass
HE80	MCS0	2	199	6945	Full	76.84	76.84	81.92	84.80	320.00	Pass
HE80	MCS0	2	215	7025	Full	76.84	76.84	100.48	90.56	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	189	6895	Full	6.80	6.40	9.61	-4.30		5.31	24.00	Pass
HE20	MCS0	2	189	6895	26/0	-0.30	-0.90	2.42	-4.30		-1.88	24.00	Pass
HE20	MCS0	2	189	6895	52/37	1.10	0.80	3.96	-4.30		-0.34	24.00	Pass
HE20	MCS0	2	189	6895	106/53	4.20	3.80	7.01	-4.30		2.71	24.00	Pass
HE20	MCS0	2	209	6995	Full	8.50	7.80	11.17	-4.30		6.87	24.00	Pass
HE20	MCS0	2	209	6995	26/4	-0.50	-0.80	2.36	-4.30		-1.94	24.00	Pass
HE20	MCS0	2	209	6995	52/38	0.90	0.70	3.81	-4.30		-0.49	24.00	Pass
HE20	MCS0	2	209	6995	106/53	4.50	3.80	7.17	-4.30		2.87	24.00	Pass
HE20	MCS0	2	229	7095	Full	9.40	8.80	12.12	-4.30		7.82	24.00	Pass
HE20	MCS0	2	229	7095	26/8	-0.40	-0.70	2.46	-4.30		-1.84	24.00	Pass
HE20	MCS0	2	229	7095	52/40	2.60	2.30	5.46	-4.30		1.16	24.00	Pass
HE20	MCS0	2	229	7095	106/54	5.70	5.30	8.51	-4.30		4.21	24.00	Pass
HE40	MCS0	2	195	6925	Full	9.90	9.80	12.86	-4.30		8.56	24.00	Pass
HE40	MCS0	2	195	6925	242/61	8.00	7.90	10.96	-4.30		6.66	24.00	Pass
HE40	MCS0	2	211	7005	Full	9.80	9.50	12.66	-4.30		8.36	24.00	Pass
HE40	MCS0	2	211	7005	242/62	7.30	7.10	10.21	-4.30		5.91	24.00	Pass
HE40	MCS0	2	227	7085	Full	10.50	10.20	13.36	-4.30		9.06	24.00	Pass
HE40	MCS0	2	227	7085	242/62	7.50	7.30	10.41	-4.30		6.11	24.00	Pass
HE80	MCS0	2	199	6945	Full	14.40	14.50	17.46	-4.30		13.16	24.00	Pass
HE80	MCS0	2	199	6945	484/65	12.40	12.30	15.36	-4.30		11.06	24.00	Pass
HE80	MCS0	2	215	7025	Full	14.00	14.10	17.06	-4.30		12.76	24.00	Pass
HE80	MCS0	2	215	7025	484/66	10.00	9.90	12.96	-4.30		8.66	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

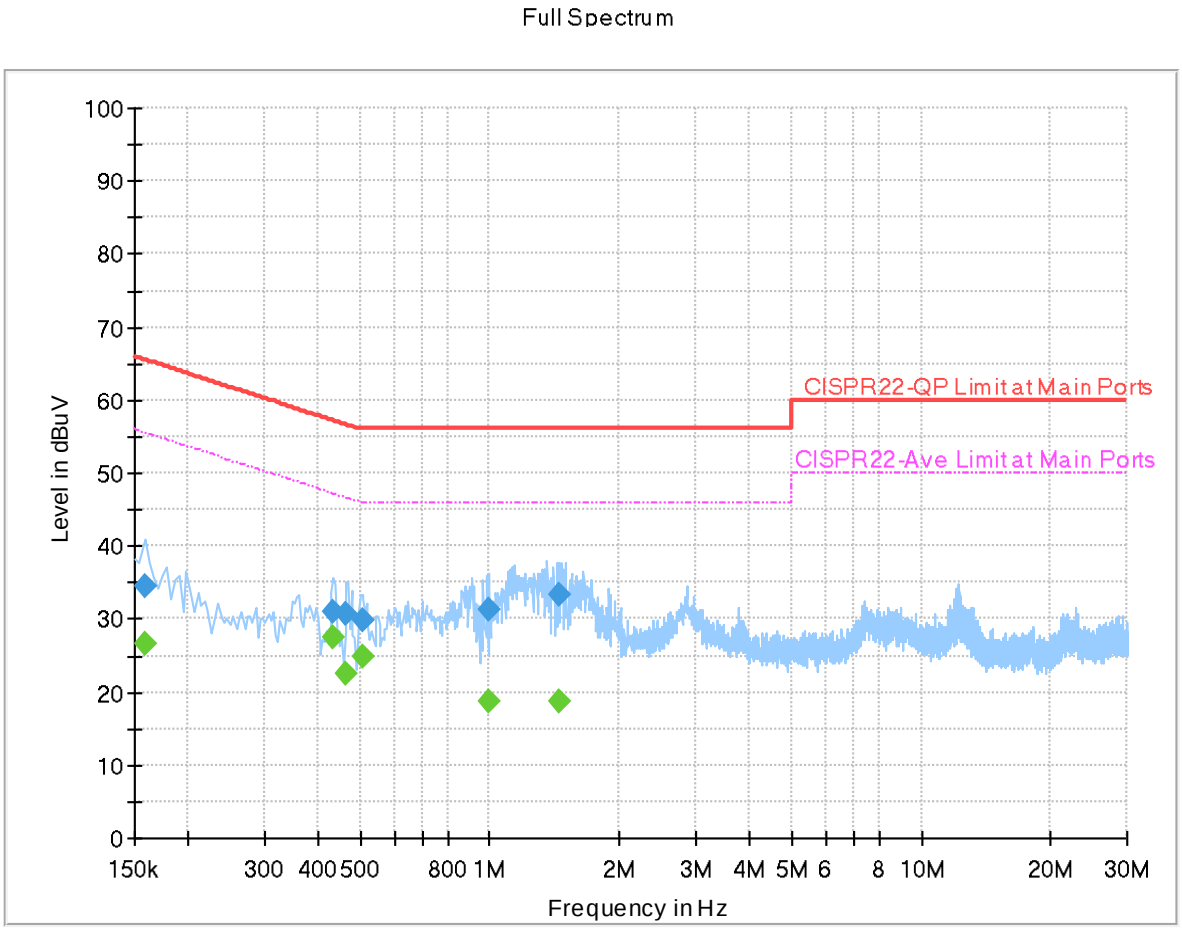
U-NII-8 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	189	6895	Full	0.40	0.40			-1.47	-1.39		-2.86	-1.00	Pass
HE20	MCS0	2	189	6895	26/0	0.59	0.59			-1.78	-1.39		-3.17	-1.00	Pass
HE20	MCS0	2	189	6895	52/37	0.59	0.59			-1.80	-1.39		-3.19	-1.00	Pass
HE20	MCS0	2	189	6895	106/53	0.59	0.59			-1.96	-1.39		-3.35	-1.00	Pass
HE20	MCS0	2	209	6995	Full	0.40	0.40			-1.47	-1.39		-2.86	-1.00	Pass
HE20	MCS0	2	209	6995	26/4	0.59	0.59			-1.74	-1.39		-3.13	-1.00	Pass
HE20	MCS0	2	209	6995	52/38	0.59	0.59			-1.84	-1.39		-3.22	-1.00	Pass
HE20	MCS0	2	209	6995	106/53	0.59	0.59			-1.86	-1.39		-3.25	-1.00	Pass
HE20	MCS0	2	229	7095	Full	0.40	0.40			-1.27	-1.39		-2.66	-1.00	Pass
HE20	MCS0	2	229	7095	26/8	0.59	0.59			-1.66	-1.39		-3.05	-1.00	Pass
HE20	MCS0	2	229	7095	52/40	0.59	0.59			-1.50	-1.39		-2.89	-1.00	Pass
HE20	MCS0	2	229	7095	106/54	0.59	0.59			-1.36	-1.39		-2.75	-1.00	Pass
HE40	MCS0	2	195	6925	Full	0.40	0.40			-1.35	-1.39		-2.74	-1.00	Pass
HE40	MCS0	2	195	6925	242/61	0.38	0.38			-1.60	-1.39		-2.99	-1.00	Pass
HE40	MCS0	2	211	7005	Full	0.40	0.40			-1.55	-1.39		-2.94	-1.00	Pass
HE40	MCS0	2	211	7005	242/62	0.38	0.38			-1.58	-1.39		-2.97	-1.00	Pass
HE40	MCS0	2	227	7085	Full	0.40	0.40			-1.54	-1.39		-2.93	-1.00	Pass
HE40	MCS0	2	227	7085	242/62	0.38	0.38			-1.74	-1.39		-3.13	-1.00	Pass
HE80	MCS0	2	199	6945	Full	0.40	0.40			0.33	-1.39		-1.06	-1.00	Pass
HE80	MCS0	2	199	6945	484/65	0.35	0.32			0.25	-1.39		-1.14	-1.00	Pass
HE80	MCS0	2	215	7025	Full	0.40	0.40			-1.22	-1.39		-2.61	-1.00	Pass
HE80	MCS0	2	215	7025	484/66	0.35	0.32			-1.27	-1.39		-2.66	-1.00	Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.4~26.7℃
		Relative Humidity :	62.3~67.1%

EUT Information

Report NO :	380306
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

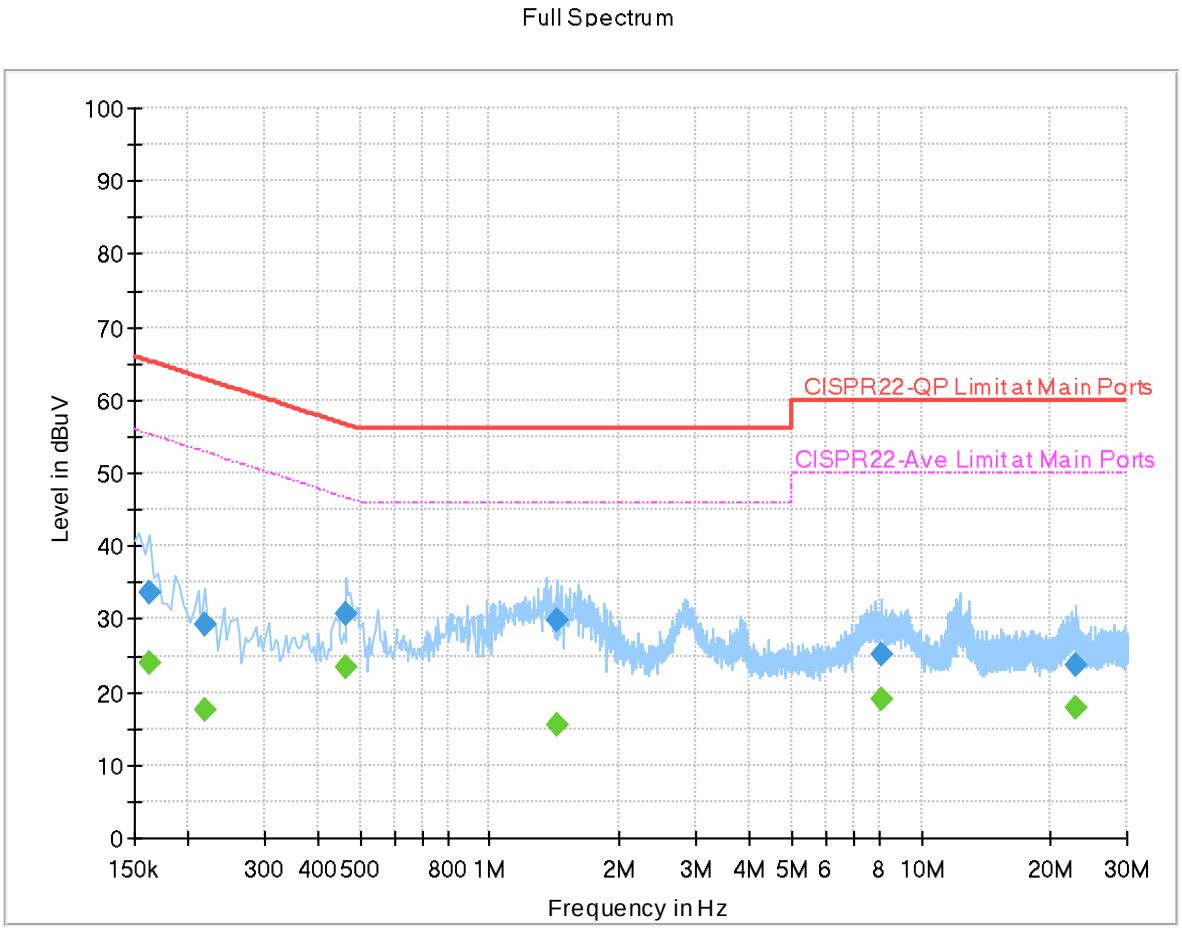


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	---	26.56	55.57	29.01	L1	OFF	19.9
0.158000	34.41	---	65.57	31.16	L1	OFF	19.9
0.434000	---	27.59	47.18	19.59	L1	OFF	20.0
0.434000	30.92	---	57.18	26.26	L1	OFF	20.0
0.466000	---	22.48	46.59	24.11	L1	OFF	20.0
0.466000	30.74	---	56.59	25.85	L1	OFF	20.0
0.510000	---	24.87	46.00	21.13	L1	OFF	20.0
0.510000	29.91	---	56.00	26.09	L1	OFF	20.0
0.994000	---	18.82	46.00	27.18	L1	OFF	20.0
0.994000	31.21	---	56.00	24.79	L1	OFF	20.0
1.446000	---	18.74	46.00	27.26	L1	OFF	20.0
1.446000	33.19	---	56.00	22.81	L1	OFF	20.0

EUT Information

Report NO :	380306
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000	---	24.06	55.36	31.30	N	OFF	19.9
0.162000	33.58	---	65.36	31.78	N	OFF	19.9
0.218000	---	17.49	52.90	35.41	N	OFF	19.9
0.218000	29.37	---	62.90	33.53	N	OFF	19.9
0.466000	---	23.46	46.59	23.13	N	OFF	20.0
0.466000	30.62	---	56.59	25.97	N	OFF	20.0
1.438000	---	15.52	46.00	30.48	N	OFF	20.0
1.438000	29.80	---	56.00	26.20	N	OFF	20.0
8.094000	---	18.95	50.00	31.05	N	OFF	20.0
8.094000	25.10	---	60.00	34.90	N	OFF	20.0
22.710000	---	17.86	50.00	32.14	N	OFF	20.2
22.710000	23.73	---	60.00	36.27	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Bank Lin and LU WEN-KAI	Temperature :	20~25°C
		Relative Humidity :	55~65%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5920.2	53.14	-35.06	88.2	39.36	34	14.57	34.79	106	82	P	H
		5923.98	42.62	-25.58	68.2	28.84	34	14.57	34.79	106	82	A	H
	*	5955	97.42	-	-	83.62	34.02	14.61	34.83	106	82	P	H
	*	5955	90.67	-	-	76.87	34.02	14.61	34.83	106	82	A	H
		5840.82	52.1	-36.1	88.2	38.4	33.92	14.48	34.7	325	73	P	V
		5914.6	42.76	-25.44	68.2	28.98	34	14.56	34.78	325	73	A	V
	*	5955	96.93	-	-	83.13	34.02	14.61	34.83	325	73	P	V
	*	5955	90.76	-	-	76.96	34.02	14.61	34.83	325	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5916.84	52.62	-35.58	88.2	38.85	34	14.56	34.79	100	113	P	H
		5918.1	42.84	-25.36	68.2	29.06	34	14.57	34.79	100	113	A	H
	*	5955	98.3	-	-	84.5	34.02	14.61	34.83	100	113	P	H
	*	5955	90.98	-	-	77.18	34.02	14.61	34.83	100	113	A	H
802.11ax													
HE20 Full													
CH 01		5923.28	53.31	-34.89	88.2	39.53	34	14.57	34.79	300	73	P	V
5955MHz		5917.54	42.77	-25.43	68.2	28.99	34	14.57	34.79	300	73	A	V
	*	5955	98.94	-	-	85.14	34.02	14.61	34.83	300	73	P	V
	*	5955	91.18	-	-	77.38	34.02	14.61	34.83	300	73	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 RU 26 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5840.12	50.84	-37.36	88.2	37.72	33.92	13.7	34.5	100	116	P	H
		5914.04	42.09	-26.11	68.2	28.89	34	13.75	34.55	100	116	A	H
	*	5955	100.85	-	-	87.64	34.02	13.78	34.59	100	116	P	H
802.11ax	*	5955	93.68	-	-	80.47	34.02	13.78	34.59	100	116	A	H
HE20													
Partial													
RU26 0		5861.82	51.27	-36.93	88.2	38.15	33.92	13.71	34.51	318	71	P	V
CH 01		5921.74	41.99	-26.21	68.2	28.79	34	13.76	34.56	318	71	A	V
5955MHz	*	5955	101.5	-	-	88.29	34.02	13.78	34.59	318	71	P	V
	*	5955	93.8	-	-	80.59	34.02	13.78	34.59	318	71	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 RU 52 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5908.86	51.05	-37.15	88.2	37.85	34	13.75	34.55	100	116	P	H
		5923.56	42.16	-26.04	68.2	28.96	34	13.76	34.56	100	116	A	H
	*	5955	100.71	-	-	87.5	34.02	13.78	34.59	100	116	P	H
802.11ax	*	5955	93.43	-	-	80.22	34.02	13.78	34.59	100	116	A	H
HE20													
Partial													
RU52 37		5900.6	52.56	-35.64	88.2	39.36	34	13.74	34.54	317	71	P	V
CH 01		5909.84	42.1	-26.1	68.2	28.9	34	13.75	34.55	317	71	A	V
5955MHz	*	5955	101.4	-	-	88.19	34.02	13.78	34.59	317	71	P	V
	*	5955	93.63	-	-	80.42	34.02	13.78	34.59	317	71	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 RU 106 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5923	53.96	-34.24	88.2	40.76	34	13.76	34.56	123	114	P	H
		5924.4	42.29	-25.91	68.2	29.09	34	13.76	34.56	123	114	A	H
	*	5955	101.73	-	-	88.52	34.02	13.78	34.59	123	114	P	H
802.11ax	*	5955	93.57	-	-	80.36	34.02	13.78	34.59	123	114	A	H
HE20													
Partial													
RU106 53		5909.42	51.37	-36.83	88.2	38.17	34	13.75	34.55	318	71	P	V
CH 01		5918.8	42.28	-25.92	68.2	29.09	34	13.75	34.56	318	71	A	V
5955MHz	*	5955	101.38	-	-	88.17	34.02	13.78	34.59	318	71	P	V
	*	5955	93.47	-	-	80.26	34.02	13.78	34.59	318	71	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5917.72	53.83	-34.37	88.2	40.05	34	14.57	34.79	122	114	P	H
		5921.48	43.18	-25.02	68.2	29.4	34	14.57	34.79	122	114	A	H
	*	5965	99.46	-	-	85.62	34.06	14.62	34.84	122	114	P	H
	*	5965	91.04	-	-	77.2	34.06	14.62	34.84	122	114	A	H
802.11ax													
HE40 Full													
CH 03		5924.52	56.44	-31.76	88.2	42.66	34	14.57	34.79	300	69	P	V
5965MHz		5914.6	43.25	-24.95	68.2	29.47	34	14.56	34.78	300	69	A	V
	*	5965	98.97	-	-	85.13	34.06	14.62	34.84	300	69	P	V
	*	5965	91.41	-	-	77.57	34.06	14.62	34.84	300	69	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5925	53.69	-34.51	88.2	39.91	34	14.57	34.79	116	114	P	H
		5924.52	44.83	-23.37	68.2	31.05	34	14.57	34.79	116	114	A	H
	*	5985	100.55	-	-	86.63	34.14	14.64	34.86	116	114	P	H
	*	5985	91.34	-	-	77.42	34.14	14.64	34.86	116	114	A	H
802.11ax													
HE80 Full													
CH 07		5920.84	54.07	-34.13	88.2	40.29	34	14.57	34.79	307	74	P	V
5985MHz		5925	44.96	-23.24	68.2	31.18	34	14.57	34.79	307	74	A	V
	*	5985	100.2	-	-	86.28	34.14	14.64	34.86	307	74	P	V
	*	5985	92.05	-	-	78.13	34.14	14.64	34.86	307	74	A	V
	*	6225	101.24	-	-	86.05	35.25	14.94	35	113	114	P	H
	*	6225	92.44	-	-	77.25	35.25	14.94	35	113	114	A	H
802.11ax													
HE80 Full													
CH 55	*	6225	99.66	-	-	84.47	35.25	14.94	35	301	58	P	V
6225MHz	*	6225	89.98	-	-	74.79	35.25	14.94	35	301	58	A	V

	*	6385	101.82	-	-	85.64	36.21	15.05	35.08	100	112	P	H
	*	6385	92.89	-	-	76.71	36.21	15.05	35.08	100	112	A	H
802.11ax													
HE80 Full													
CH 87	*	6385	98.23	-	-	82.05	36.21	15.05	35.08	300	72	P	V
6385MHz	*	6385	90.72	-	-	74.54	36.21	15.05	35.08	300	72	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11970	52.13	-21.87	74	33	39.34	20.35	40.56	-	-	P	H
		11970	41.76	-12.24	54	22.63	39.34	20.35	40.56	-	-	A	H
		17955	56.32	-17.68	74	34.3	41.62	26.11	45.71	-	-	P	H
		17955	46.29	-7.71	54	24.27	41.62	26.11	45.71	-	-	A	H
802.11ax													
HE80 Full													
CH 07		11970	51.75	-22.25	74	32.62	39.34	20.35	40.56	-	-	P	V
5985MHz		11970	42.11	-11.89	54	22.98	39.34	20.35	40.56	-	-	A	V
		17955	56	-18	74	33.98	41.62	26.11	45.71	-	-	P	V
		17955	46.27	-7.73	54	24.25	41.62	26.11	45.71	-	-	A	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12450	52.93	-21.07	74	31.7	40.2	21.66	40.63	-	-	P	H
		12450	43.79	-10.21	54	22.56	40.2	21.66	40.63	-	-	A	H
		18675	41.38	-32.62	74	50.47	37.85	17.25	64.19	-	-	P	H
802.11ax													
HE80 Full													
CH 55		12450	53.61	-20.39	74	32.38	40.2	21.66	40.63	-	-	P	V
6225MHz		12450	43.7	-10.3	54	22.47	40.2	21.66	40.63	-	-	A	V
		18675	40.91	-33.09	74	50	37.85	17.25	64.19	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12770	54.68	-33.52	88.2	31.86	40.98	22.61	40.77	-	-	P	H
		19155	41.13	-32.87	74	48.96	38.16	17.78	63.77	-	-	P	H
802.11ax													
HE80 Full													
CH 87		12770	53.76	-34.44	88.2	30.94	40.98	22.61	40.77	-	-	P	V
6385MHz		19155	40.81	-33.19	74	48.64	38.16	17.78	63.77	-	-	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 6 - 6425~6525MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6465	102.75	-	-	86.46	36.26	15.15	35.12	113	112	P	H
	*	6465	93.54	-	-	77.25	36.26	15.15	35.12	113	112	A	H
802.11ax													
HE80 Full													
CH 103	*	6465	99	-	-	82.71	36.26	15.15	35.12	323	71	P	V
6465MHz	*	6465	91.25	-	-	74.96	36.26	15.15	35.12	323	71	A	V
	*	6545	101.73	-	-	85.17	36.49	15.26	35.19	115	112	P	H
	*	6545	93.41	-	-	76.85	36.49	15.26	35.19	115	112	A	H
802.11ax													
HE80 Full													
CH 119	*	6545	98.12	-	-	81.56	36.49	15.26	35.19	300	72	P	V
6545MHz	*	6545	90.79	-	-	74.23	36.49	15.26	35.19	300	72	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12930	54.06	-34.14	88.2	30.57	41.26	23.08	40.85	-	-	P	H
		19395	41.04	-32.96	74	48.88	38.01	17.87	63.72	-	-	P	H
802.11ax													
HE80 Full													
CH 103		12930	55.07	-33.13	88.2	31.58	41.26	23.08	40.85	-	-	P	V
6465MHz		19395	41.07	-32.93	74	48.91	38.01	17.87	63.72	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13090	54.56	-33.64	88.2	31.26	41.08	23.26	41.04	-	-	P	H
		19635	41.89	-32.11	74	49.45	38	17.95	63.51	-	-	P	H
802.11ax													
HE80 Full													
CH 119		13090	55.2	-33	88.2	31.9	41.08	23.26	41.04	-	-	P	V
6545MHz		19635	41.72	-32.28	74	49.28	38	17.95	63.51	-	-	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 7 - 6525~6875MHz

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6625	100.67	-	-	84.09	36.5	15.36	35.28	100	111	P	H
	*	6625	92.14	-	-	75.56	36.5	15.36	35.28	100	111	A	H
802.11ax													
HE80 Full													
CH 135	*	6625	98.72	-	-	82.14	36.5	15.36	35.28	369	124	P	V
6625MHz	*	6625	90.48	-	-	73.9	36.5	15.36	35.28	369	124	A	V
	*	6705	99.11	-	-	82.46	36.61	15.42	35.38	110	107	P	H
	*	6705	91.03	-	-	74.38	36.61	15.42	35.38	110	107	A	H
802.11ax													
HE80 Full													
CH 151	*	6705	97.3	-	-	80.65	36.61	15.42	35.38	300	131	P	V
6705MHz	*	6705	89.48	-	-	72.83	36.61	15.42	35.38	300	131	A	V

	*	6785	97.95	-	-	81.23	36.7	15.49	35.47	100	107	P	H
	*	6785	90.07	-	-	73.35	36.7	15.49	35.47	100	107	A	H
802.11ax													
HE80 Full													
CH 167	*	6785	96.75	-	-	80.03	36.7	15.49	35.47	306	99	P	V
6785MHz	*	6785	88.83	-	-	72.11	36.7	15.49	35.47	306	99	A	V
	*	6865	98.27	-	-	81.54	36.73	15.56	35.56	123	107	P	H
	*	6865	89.37	-	-	72.64	36.73	15.56	35.56	123	107	A	H
802.11ax													
HE80 Full													
CH 183	*	6865	96.47	-	-	79.74	36.73	15.56	35.56	300	127	P	V
6865MHz	*	6865	89.02	-	-	72.29	36.73	15.56	35.56	300	127	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13250	53.86	-20.14	74	30.89	41.1	23.2	41.33	-	-	P	H
		13250	45.23	-8.77	54	22.26	41.1	23.2	41.33	-	-	A	H
		19875	40.19	-33.81	74	47.37	37.95	18.04	63.17	-	-	P	H
802.11ax													
HE80 Full													
CH 135		13250	54.65	-19.35	74	31.68	41.1	23.2	41.33	-	-	P	V
6625MHz		13250	45.37	-8.63	54	22.4	41.1	23.2	41.33	-	-	A	V
		19875	39.49	-34.51	74	46.67	37.95	18.04	63.17	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13410	54.54	-33.66	88.2	31.82	41.18	23.15	41.61	-	-	P	H
		20115	40.65	-33.35	74	47.41	38.04	18.11	62.91	-	-	P	H
802.11ax													
HE80 Full													
CH 151		13410	53.91	-34.29	88.2	31.19	41.18	23.15	41.61	-	-	P	V
6705MHz		20115	40.13	-33.87	74	46.89	38.04	18.11	62.91	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13570	53.93	-34.27	88.2	31.29	41.4	23.1	41.86	-	-	P	H
		20355	41.14	-32.86	74	47.97	37.7	18.19	62.72	-	-	P	H
802.11ax													
HE80 Full													
CH 167		13570	55.29	-32.91	88.2	32.65	41.4	23.1	41.86	-	-	P	V
6785MHz		20355	41.56	-32.44	74	48.39	37.7	18.19	62.72	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13730	55.68	-32.52	88.2	33.23	41.48	23.04	42.07	-	-	P	H
		20595.24	40.4	-33.6	74	46.68	38	18.26	62.54	-	-	P	H
802.11ax													
HE80 Full													
CH 183		13730	55.24	-32.96	88.2	32.79	41.48	23.04	42.07	-	-	P	V
6865MHz		20595.24	41.3	-32.7	74	47.58	38	18.26	62.54	-	-	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 8 - 6875~7125MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 229 7095MHz	*	7095	94.61	-	-	77.75	36.81	15.84	35.79	100	284	P	H
	*	7095	87.86	-	-	71	36.81	15.84	35.79	100	284	A	H
		7129.32	54.33	-33.87	88.2	37.39	36.86	15.89	35.81	100	284	P	H
		7139.72	45.43	-22.77	68.2	28.47	36.88	15.9	35.82	100	284	A	H
	*	7095	96.95	-	-	80.09	36.81	15.84	35.79	100	240	P	V
	*	7095	89.77	-	-	72.91	36.81	15.84	35.79	100	240	A	V
		7136.04	55.36	-32.84	88.2	38.41	36.87	15.9	35.82	100	240	P	V
		7139.56	45.39	-22.81	68.2	28.43	36.88	15.9	35.82	100	240	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 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	7095	96.39	-	-	79.53	36.81	15.84	35.79	100	73	P	H
	*	7095	87.19	-	-	70.33	36.81	15.84	35.79	100	73	A	H
		7131.72	54.66	-33.54	88.2	37.72	36.86	15.89	35.81	100	73	P	H
		7141	45.43	-22.77	68.2	28.47	36.88	15.9	35.82	100	73	A	H
802.11ax													
HE20 Full													
CH 229	*	7095	97.79	-	-	80.93	36.81	15.84	35.79	100	235	P	V
7095MHz	*	7095	89.77	-	-	72.91	36.81	15.84	35.79	100	235	A	V
		7125.16	55.14	-33.06	88.2	38.22	36.85	15.88	35.81	100	235	P	V
		7144.36	45.87	-22.33	68.2	28.89	36.89	15.91	35.82	100	235	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 RU26 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	7095	95.51	-	-	79.27	36.81	15.12	35.69	115	296	P	H
	*	7095	87.51	-	-	71.27	36.81	15.12	35.69	115	296	A	H
		7139.24	53.3	-34.9	88.2	36.97	36.88	15.17	35.72	115	296	P	H
802.11ax		7135.88	44.8	-23.4	68.2	28.48	36.87	15.17	35.72	115	296	A	H
HE20													
Partial													
RU26 8	*	7095	95.75	-	-	79.51	36.81	15.12	35.69	251	107	P	V
CH 229	*	7095	88.23	-	-	71.99	36.81	15.12	35.69	251	107	A	V
7095MHz		7144.04	53.71	-34.49	88.2	37.38	36.89	15.17	35.73	251	107	P	V
		7143.4	44.69	-23.51	68.2	28.36	36.89	15.17	35.73	251	107	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 RU52 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	7095	96.62	-	-	80.38	36.81	15.12	35.69	118	294	P	H
	*	7095	88.61	-	-	72.37	36.81	15.12	35.69	118	294	A	H
		7125	53.43	-34.77	88.2	37.15	36.85	15.15	35.72	118	294	P	H
802.11ax		7143.56	44.83	-23.37	68.2	28.5	36.89	15.17	35.73	118	294	A	H
HE20													
Partial													
RU52 40	*	7095	95.87	-	-	79.63	36.81	15.12	35.69	274	106	P	V
CH 229	*	7095	88.34	-	-	72.1	36.81	15.12	35.69	274	106	A	V
7095MHz		7134.12	53.8	-34.4	88.2	37.49	36.87	15.16	35.72	274	106	P	V
		7142.28	44.85	-23.35	68.2	28.53	36.88	15.17	35.73	274	106	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 RU106 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	7095	96.98	-	-	80.74	36.81	15.12	35.69	113	301	P	H
	*	7095	88.21	-	-	71.97	36.81	15.12	35.69	113	301	A	H
		7134.28	54.8	-33.4	88.2	38.49	36.87	15.16	35.72	113	301	P	H
802.11ax		7136.04	44.85	-23.35	68.2	28.53	36.87	15.17	35.72	113	301	A	H
HE20													
Partial													
RU106 54	*	7095	97.26	-	-	81.02	36.81	15.12	35.69	300	106	P	V
CH 229	*	7095	88.72	-	-	72.48	36.81	15.12	35.69	300	106	A	V
7095MHz		7144.52	53.61	-34.59	88.2	37.28	36.89	15.17	35.73	300	106	P	V
		7137.32	44.82	-23.38	68.2	28.5	36.87	15.17	35.72	300	106	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 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	7085	94.13	-	-	77.26	36.83	15.82	35.78	100	72	P	H
	*	7085	86.3	-	-	69.43	36.83	15.82	35.78	100	72	A	H
		7160.22	55.14	-33.06	88.2	38.11	36.94	15.93	35.84	100	72	P	H
		7236.36	46.38	-21.82	68.2	28.85	37.39	16.03	35.89	100	72	A	H
802.11ax													
HE40 Full													
CH 227	*	7085	95.83	-	-	78.96	36.83	15.82	35.78	100	227	P	V
7085MHz	*	7085	88.42	-	-	71.55	36.83	15.82	35.78	100	227	A	V
		7229.16	55.77	-32.43	88.2	38.3	37.33	16.02	35.88	100	227	P	V
		7243.38	46.56	-21.64	68.2	28.97	37.45	16.04	35.9	100	227	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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6945	96.99	-	-	80.21	36.8	15.64	35.66	100	105	P	H
	*	6945	90.23	-	-	73.45	36.8	15.64	35.66	100	105	A	H
802.11ax													
HE80 Full													
CH 199	*	6945	97.05	-	-	80.27	36.8	15.64	35.66	100	255	P	V
6945MHz	*	6945	89.78	-	-	73	36.8	15.64	35.66	100	255	A	V
	*	7025	96.33	-	-	79.48	36.85	15.74	35.74	100	287	P	H
	*	7025	88.35	-	-	71.5	36.85	15.74	35.74	100	287	A	H
		7125.48	61.12	-27.08	88.2	44.2	36.85	15.88	35.81	100	287	P	H
		7125.16	49.85	-18.35	68.2	32.93	36.85	15.88	35.81	100	287	A	H
802.11ax													
HE80 Full													
CH 215	*	7025	99.21	-	-	82.36	36.85	15.74	35.74	100	221	P	V
7025MHz	*	7025	91.44	-	-	74.59	36.85	15.74	35.74	100	221	A	V
		7128.04	60.11	-28.09	88.2	43.17	36.86	15.89	35.81	100	221	P	V
		7127.4	50.66	-17.54	68.2	33.74	36.85	15.88	35.81	100	221	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13890	55.11	-33.09	88.2	32.56	41.84	22.99	42.28	-	-	P	H
		20835	39.44	-34.56	74	45.44	38.07	18.33	62.4	-	-	P	H
802.11ax													
HE80 Full													
CH 199		13890	55.28	-32.92	88.2	32.73	41.84	22.99	42.28	-	-	P	V
6945MHz		20835	41.19	-32.81	74	47.19	38.07	18.33	62.4	-	-	P	V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		14050	54.86	-33.34	88.2	32.26	42.1	23.02	42.52	-	-	P	H
		21075	41.23	-32.77	74	46.72	38.2	18.41	62.1	-	-	P	H
802.11ax													
HE80 Full													
CH 215		14050	55.04	-33.16	88.2	32.44	42.1	23.02	42.52	-	-	P	V
7025MHz		21075	41.25	-32.75	74	46.74	38.2	18.41	62.1	-	-	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission above 18GHz

WIFI 802.11ax HE80 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full SHF		25096.86	45.39	-42.81	88.2	42.51	39.68	22.82	59.62	-	-	P	H
		25072.83	44.59	-43.61	88.2	41.79	39.54	22.85	59.59	-	-	P	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 with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full LF		30.97	22.27	-17.73	40	29.37	24.62	1.04	32.76	-	-	P	H
		119.24	25.89	-17.61	43.5	38.88	17.35	2.38	32.72	-	-	P	H
		573.2	29.14	-16.86	46	31.25	25.91	4.84	32.86	-	-	P	H
		739.07	31.88	-14.12	46	31.3	27.88	5.4	32.7	-	-	P	H
		826.37	33.69	-12.31	46	32.29	27.98	5.76	32.34	-	-	P	H
		956.35	36.07	-9.93	46	30.04	31.23	6.14	31.34	-	-	P	H
		30.97	27.27	-12.73	40	34.37	24.62	1.04	32.76	-	-	P	V
		56.19	31.51	-8.49	40	50.33	12.18	1.73	32.73	-	-	P	V
		119.24	26.86	-16.64	43.5	39.85	17.35	2.38	32.72	-	-	P	V
		591.63	28.97	-17.03	46	31.2	25.7	4.9	32.83	-	-	P	V
		840.92	32.89	-13.11	46	30.45	28.86	5.83	32.25	-	-	P	V
		963.14	36	-18	54	29.8	31.3	6.17	31.27	-	-	P	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 emission is 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 **Margin** 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5925	55.45	-32.75	88.2	54.51	32.22	4.58	35.86	103	308	P	H
		5925	43.54	-24.66	68.2	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. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5925MHz:

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. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 88.2(dBμV/m)

= -32.75(dB)

For Average Limit @ 5925MHz:

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

= 43.54 (dBμV/m) – 68.2(dBμV/m)

= -24.66(dB)

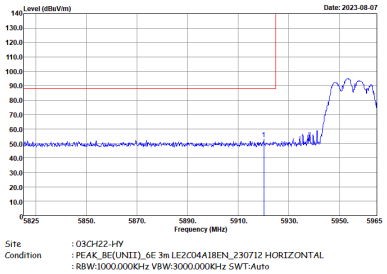
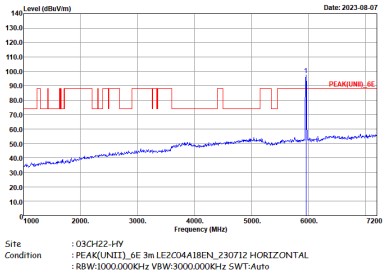
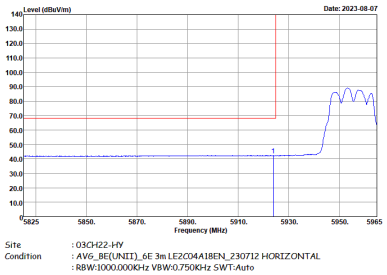
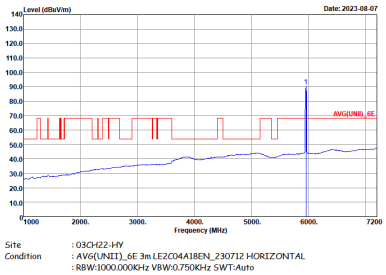
Both peak and average measured complies with the limit line, so test result is “PASS”.

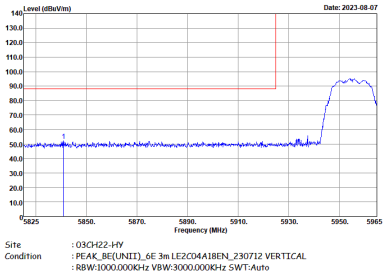
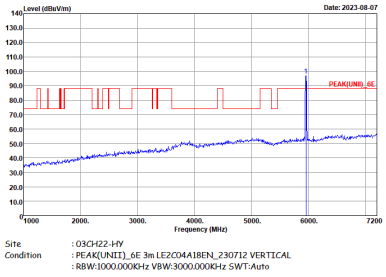
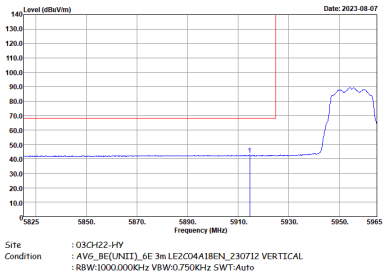
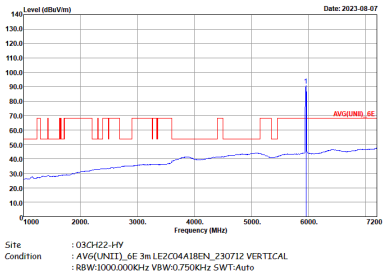
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Bank Lin and LU WEN-KAI	**Temperature :**	20~25°C
		Relative Humidity :	55~65%

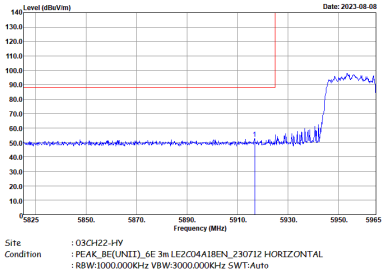
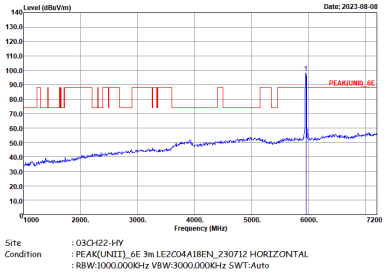
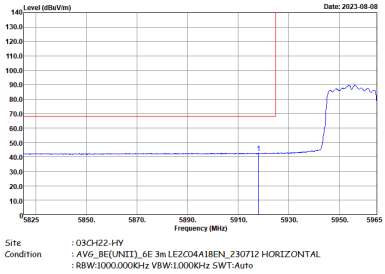
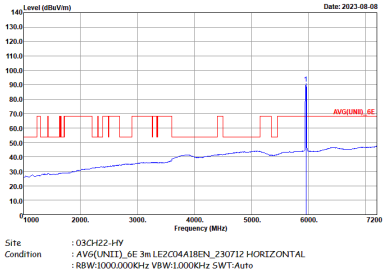
Band 5 - 5925~6425MHz

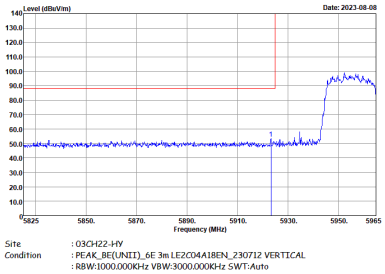
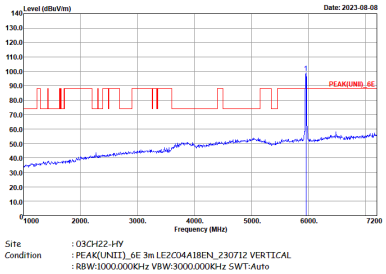
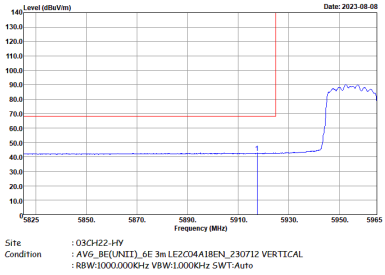
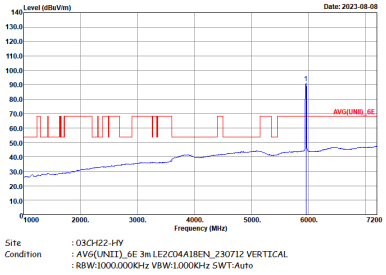
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

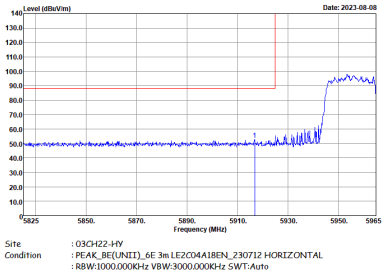
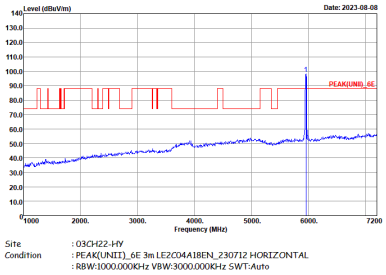
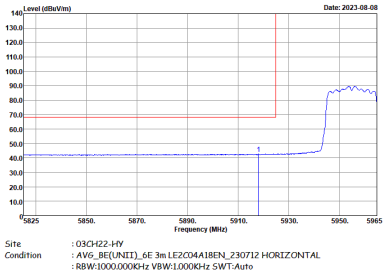
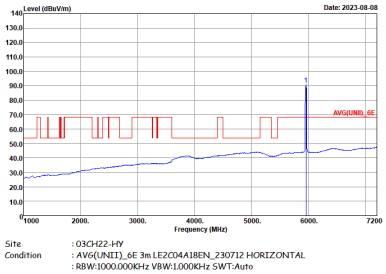
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

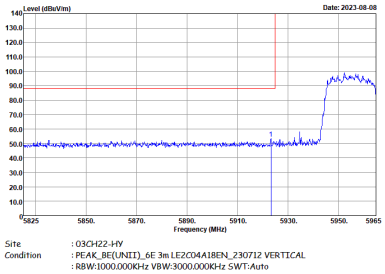
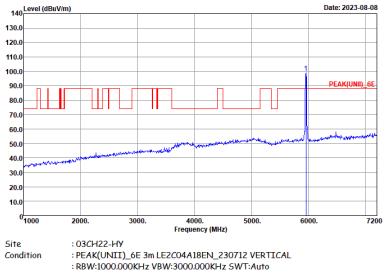
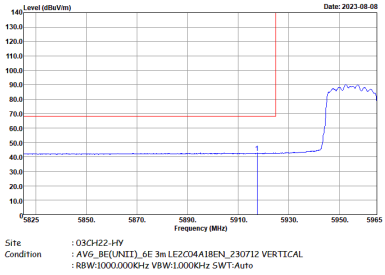
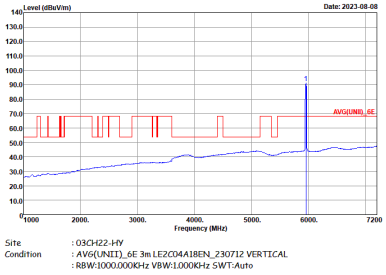
Band 5 5925~6425MHz

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

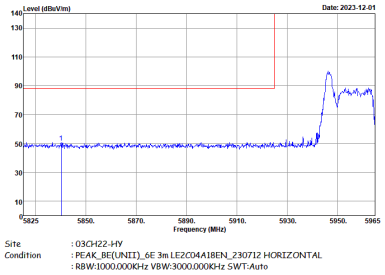
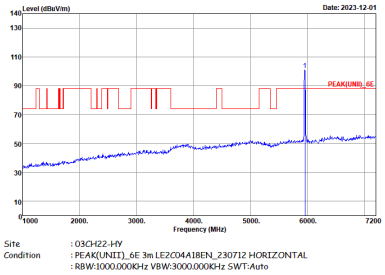
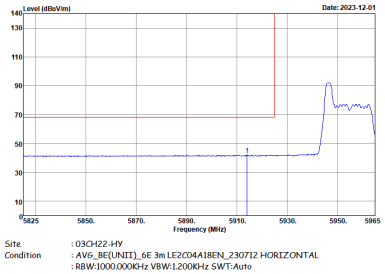
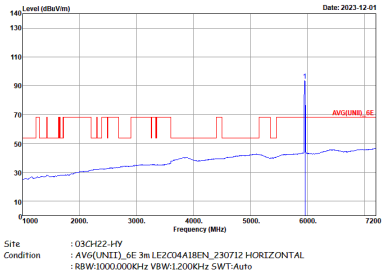
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

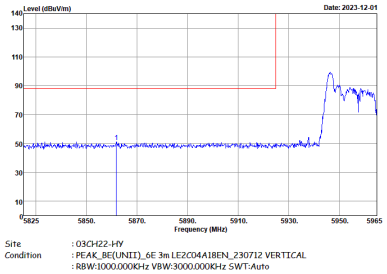
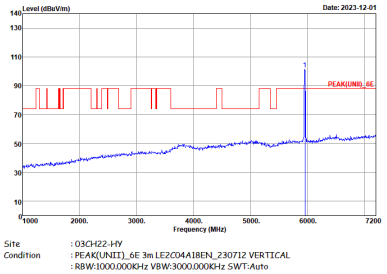
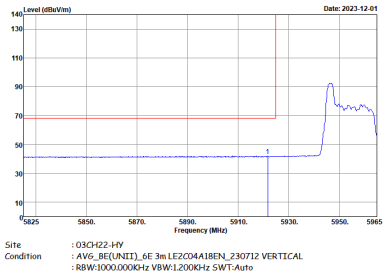
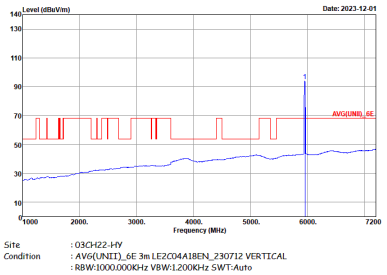
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

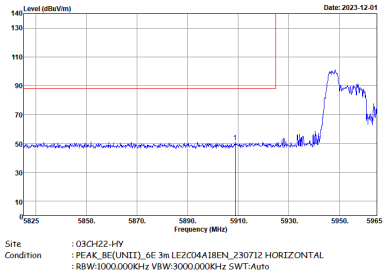
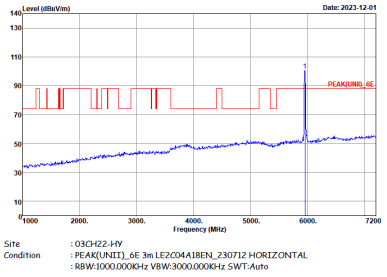
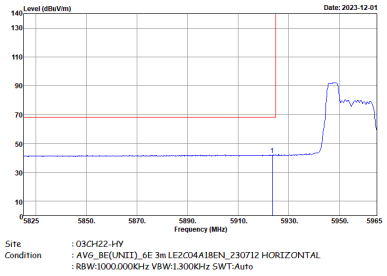
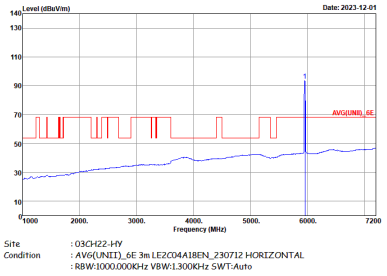
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

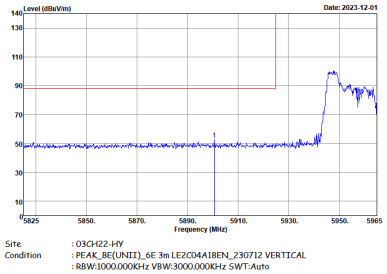
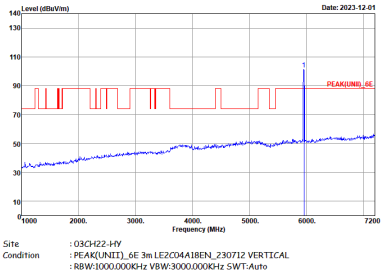
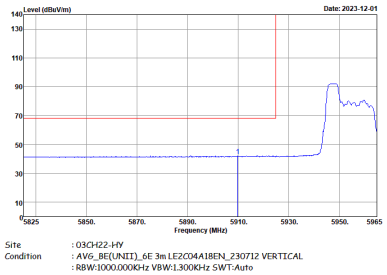
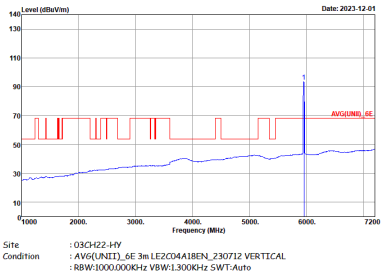
WIFI 802.11ax HE20 RU 26 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 26 0 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

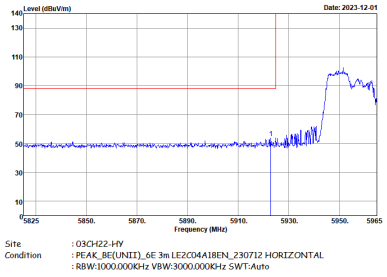
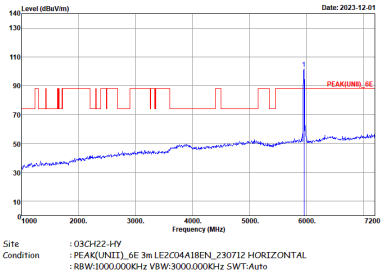
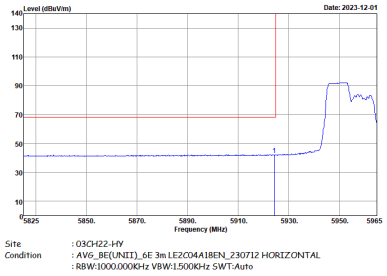
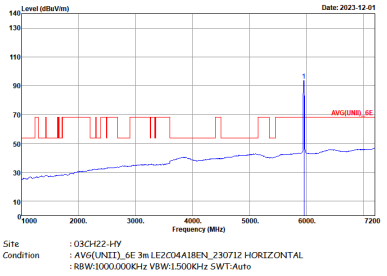
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 26 0 CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

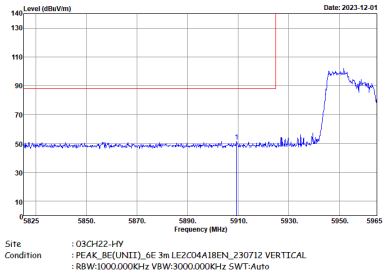
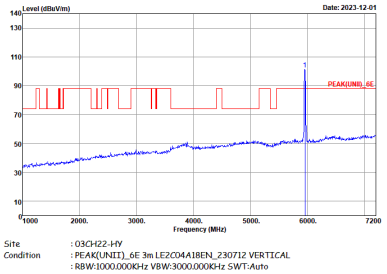
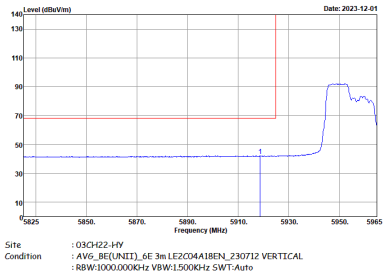
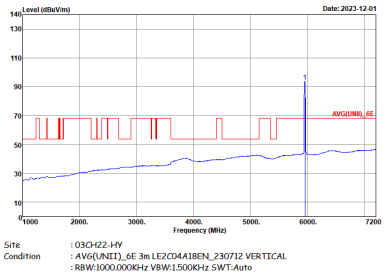
WIFI 802.11ax HE20 RU 52 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 52 37 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

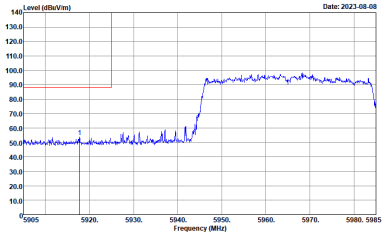
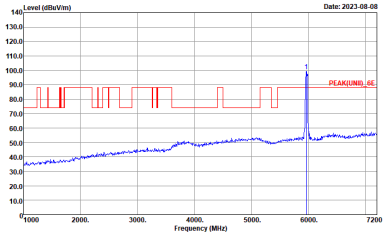
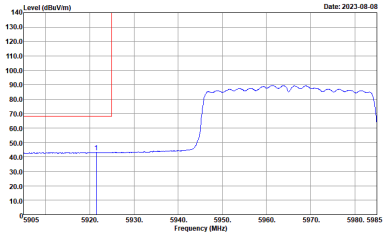
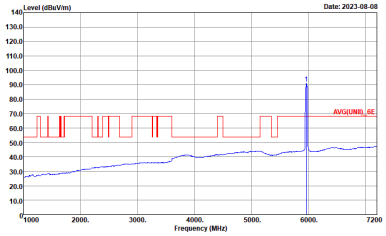
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 52 37 CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

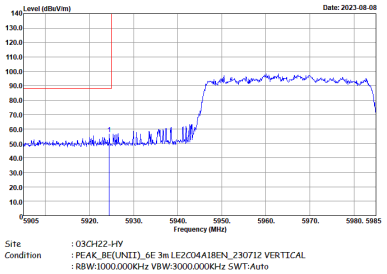
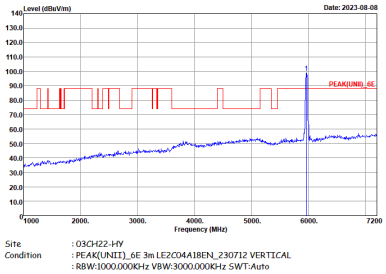
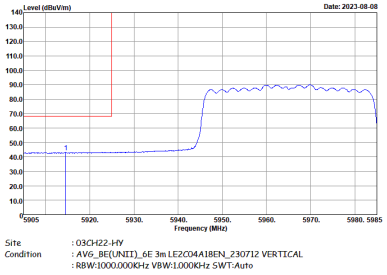
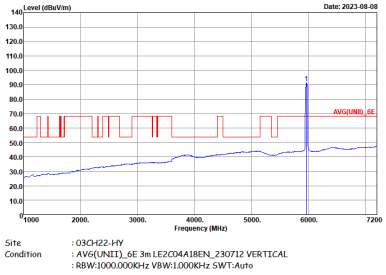
WIFI 802.11ax HE20 RU 106 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 106 53 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 106 53 CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

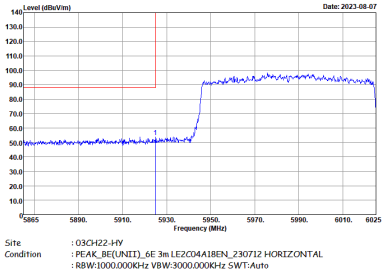
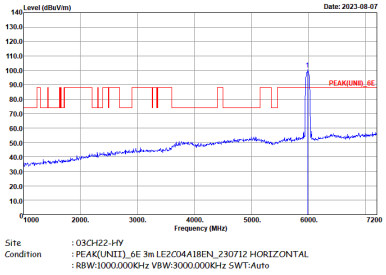
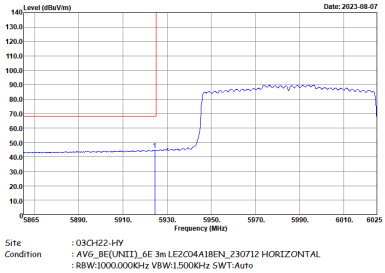
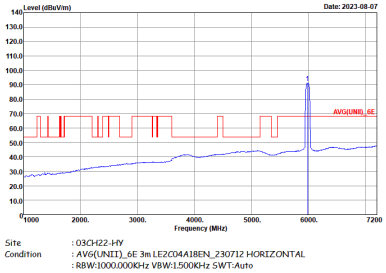
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

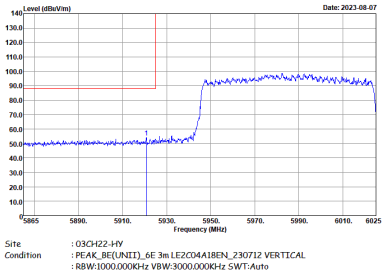
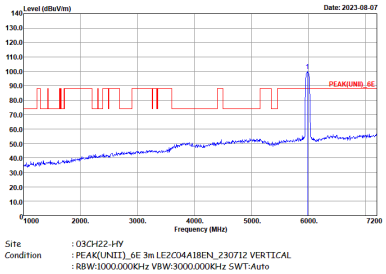
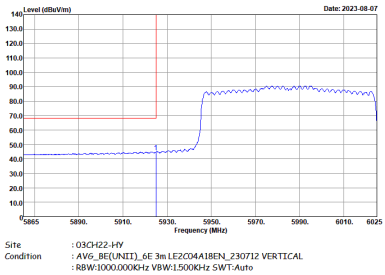
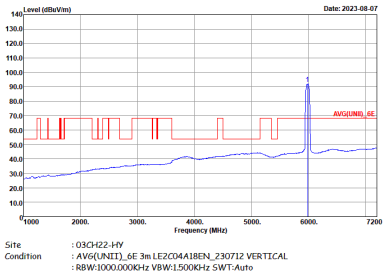
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

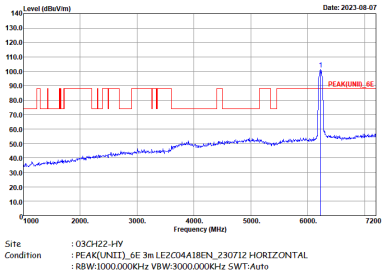
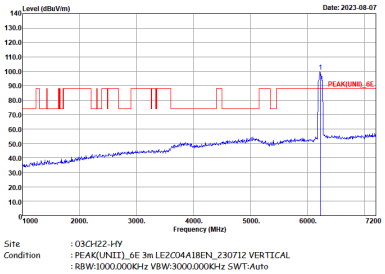
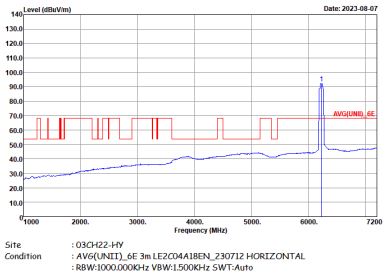
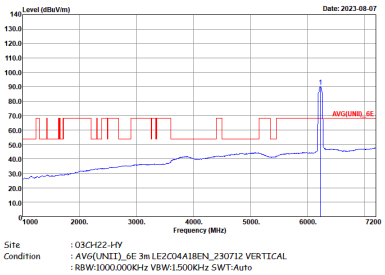
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

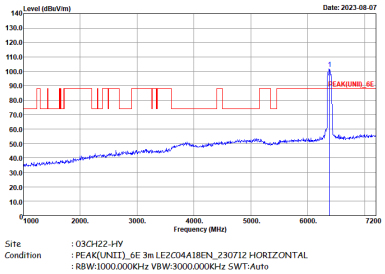
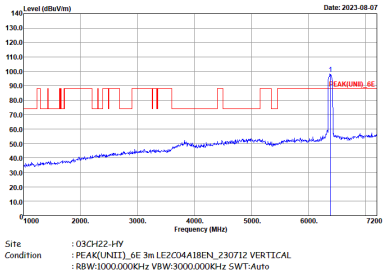
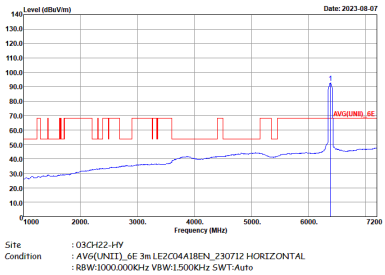
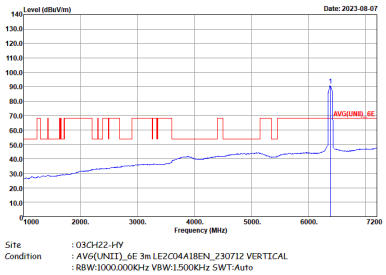
Band 5 5925~6425MHz

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

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

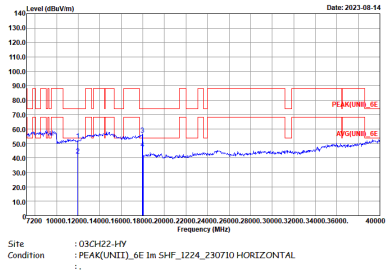
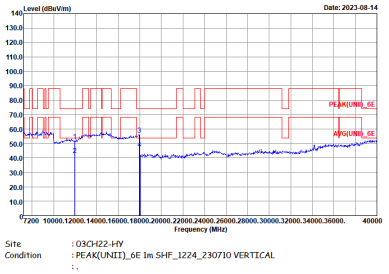
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

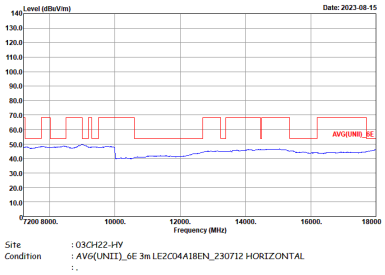
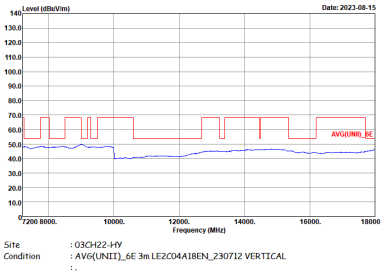
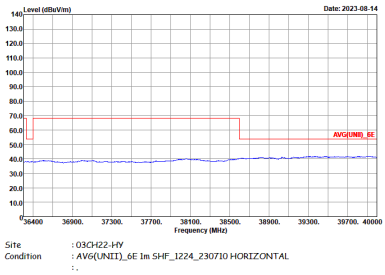
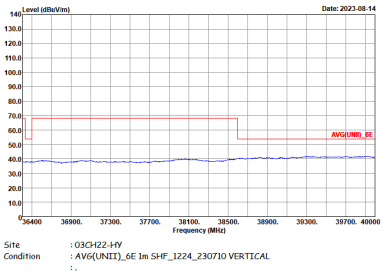
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

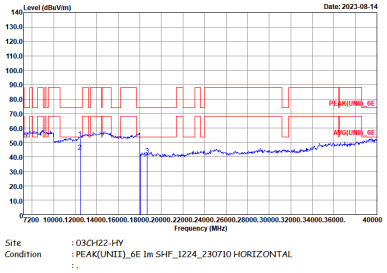
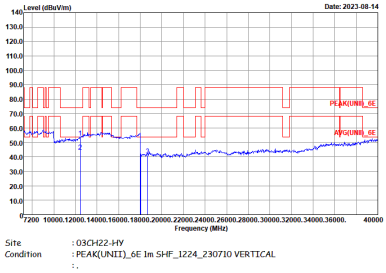
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

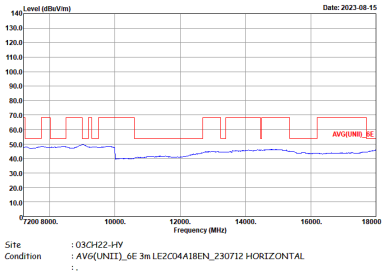
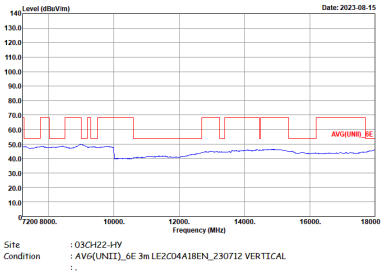
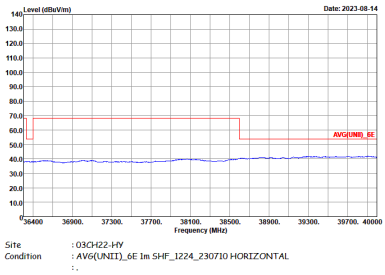
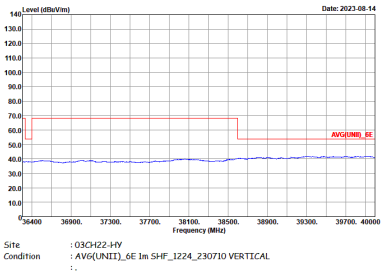
Band 5 - 5925~6425MHz

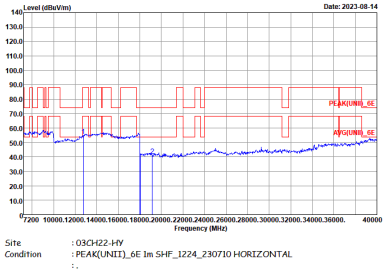
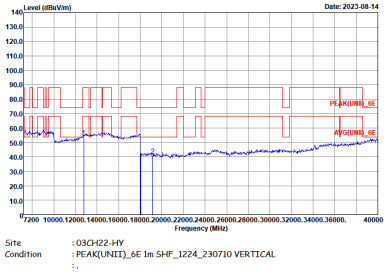
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

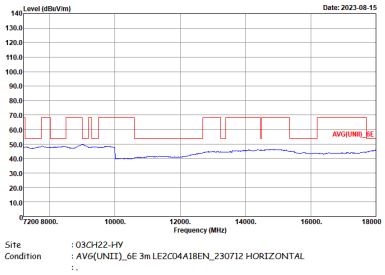
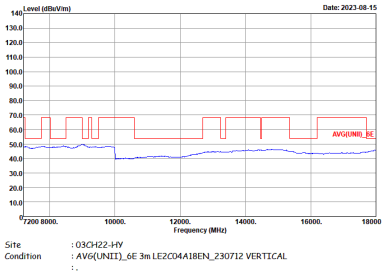
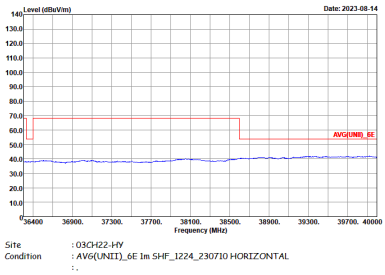
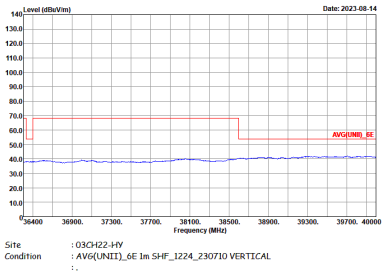
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
Peak Avg.		

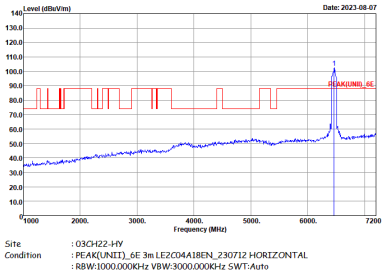
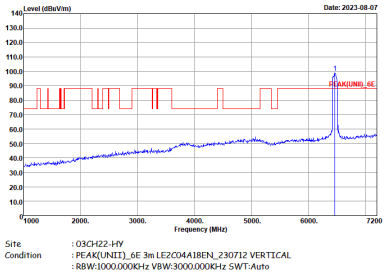
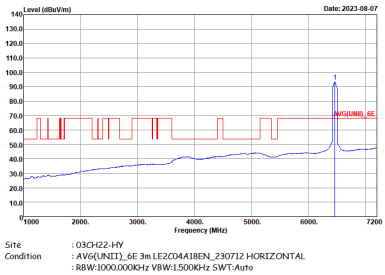
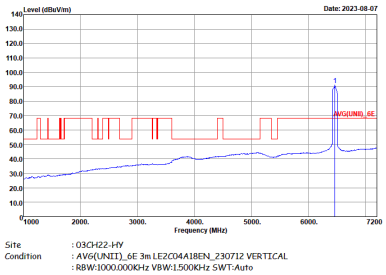
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

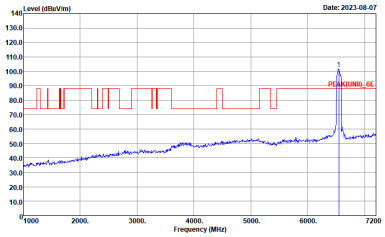
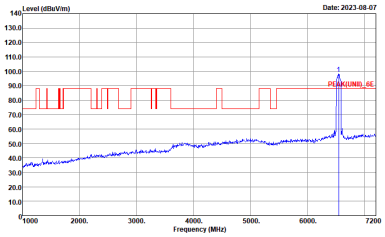
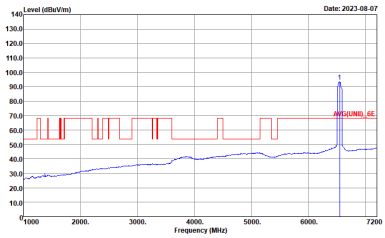
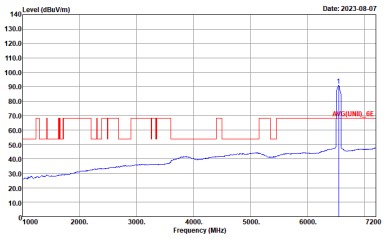
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

Band 6 - 6425~6525MHz

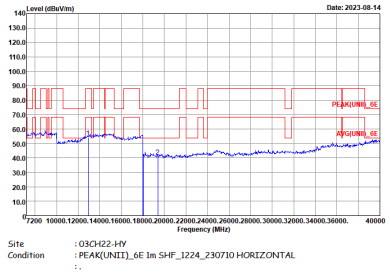
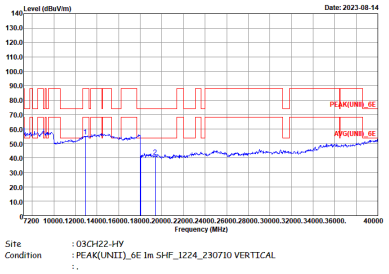
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

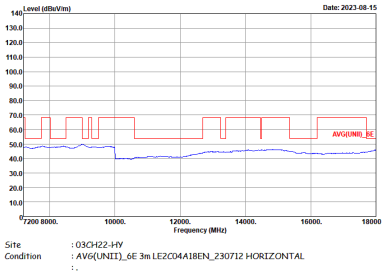
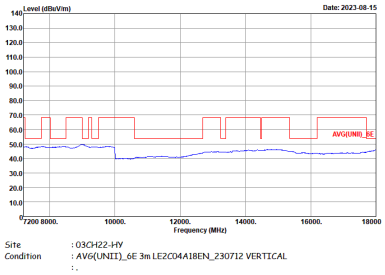
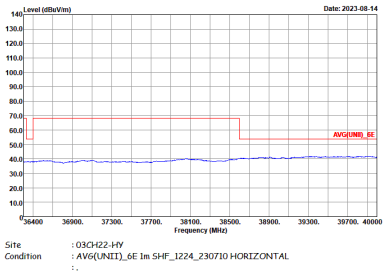
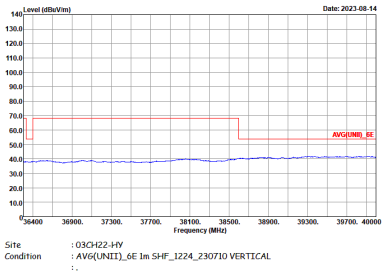
WIFI	Band 6 6425~6525MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
4+3	Horizontal	Vertical
Peak		
Avg		

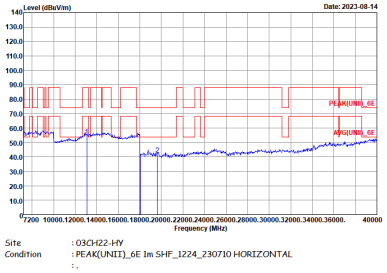
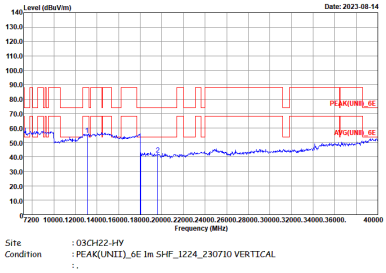
WIFI	Band 6 6425~6525MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

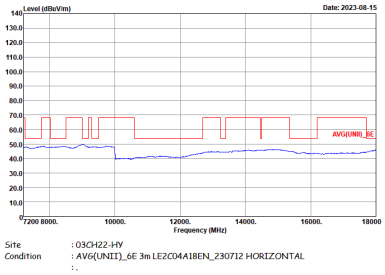
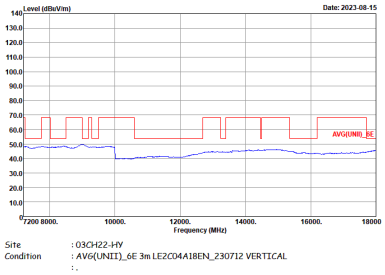
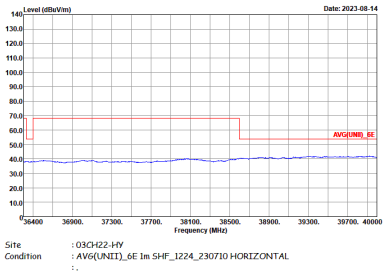
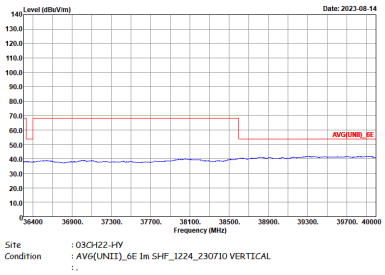
Band 6 - 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
4+3	Horizontal	Vertical
Peak Avg.		

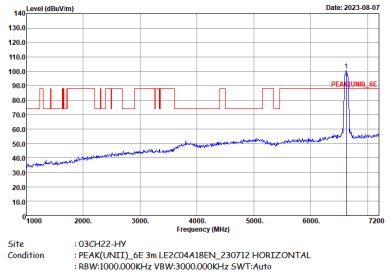
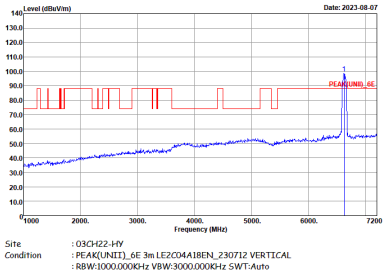
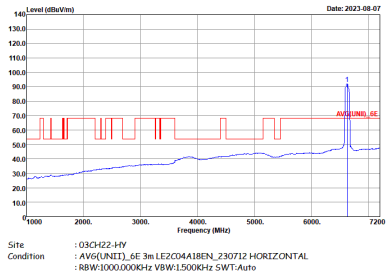
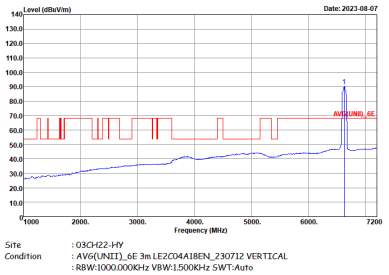
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

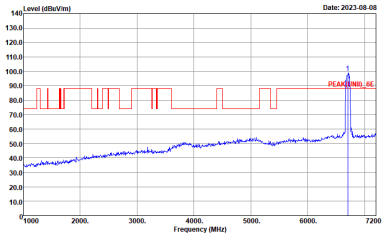
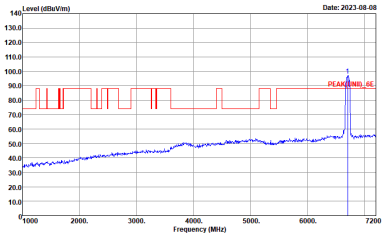
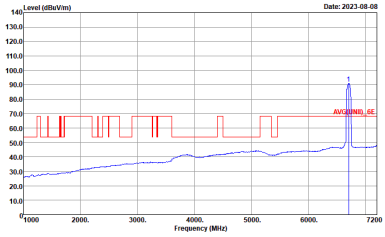
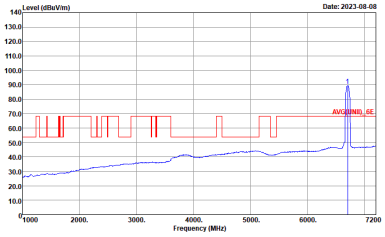
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
4+3	Horizontal	Vertical
Peak Avg.		

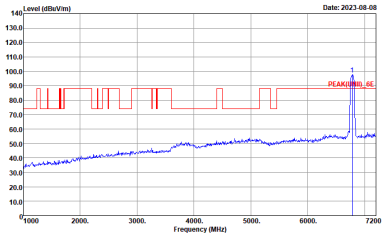
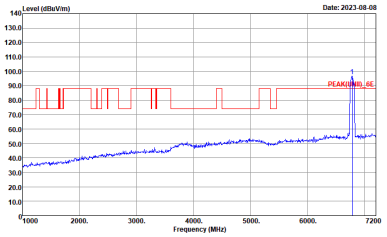
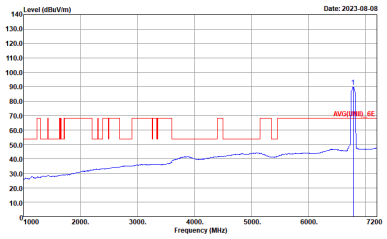
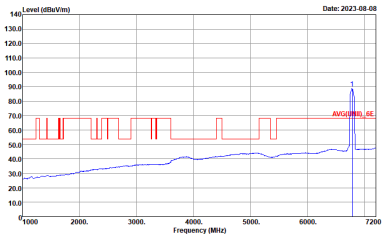
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

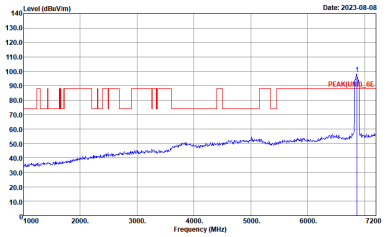
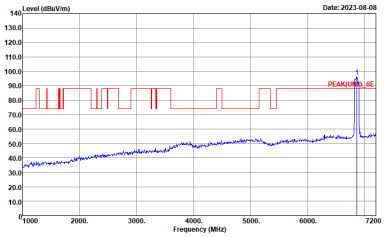
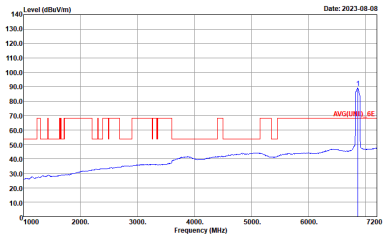
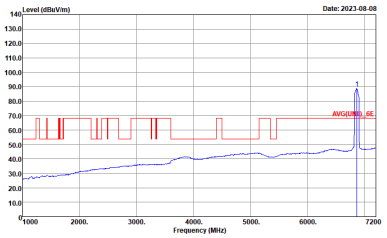
Band 7 - 6525~6875MHz

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

WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
Peak		
Avg		

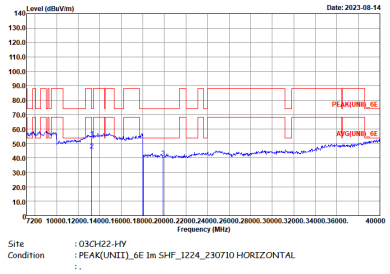
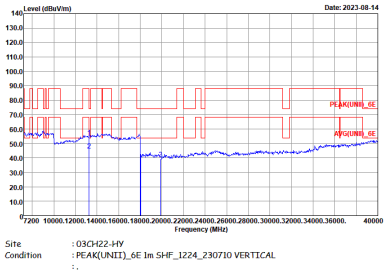
WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

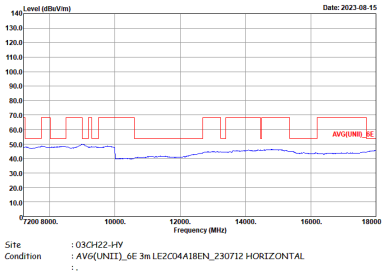
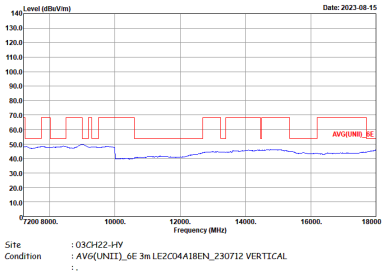
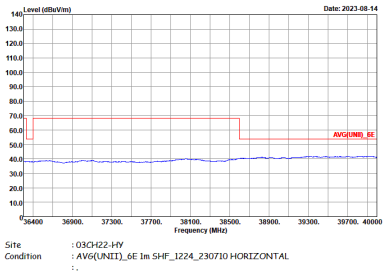
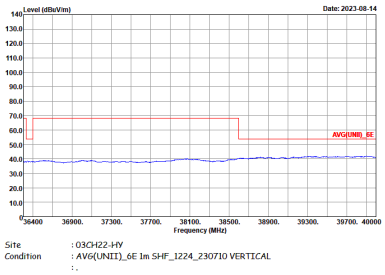
WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

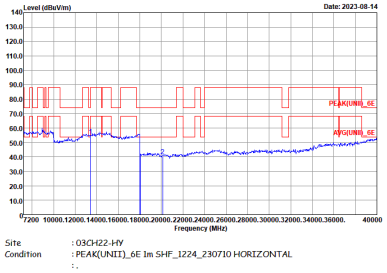
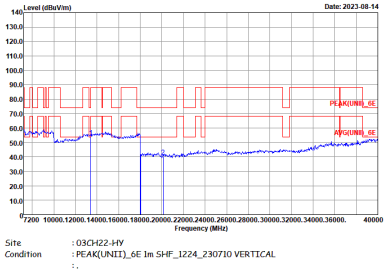
WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
4+3	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

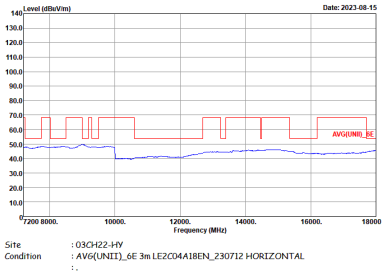
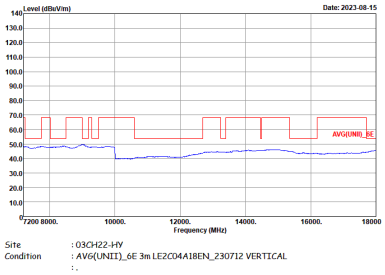
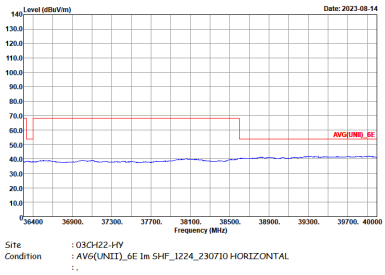
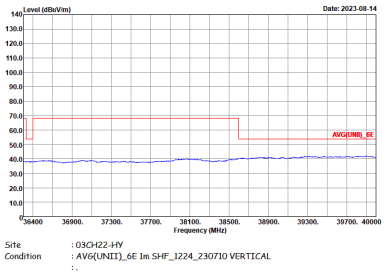
Band 7 - 6525~6875MHz

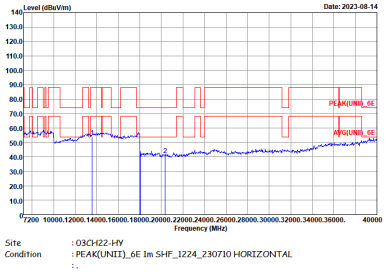
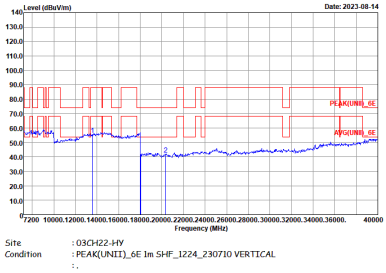
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

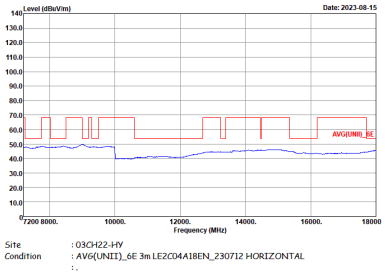
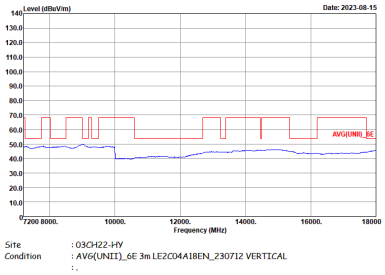
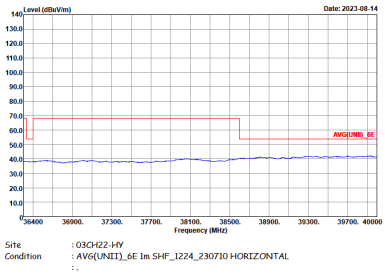
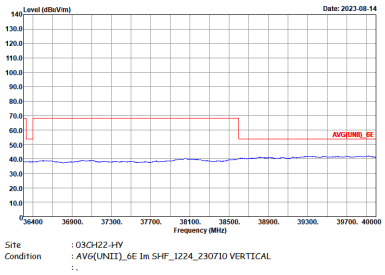
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
Peak Avg.		

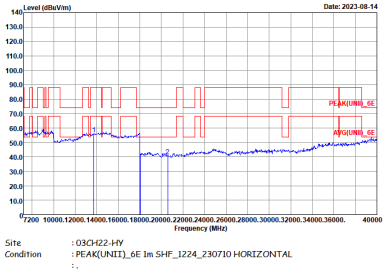
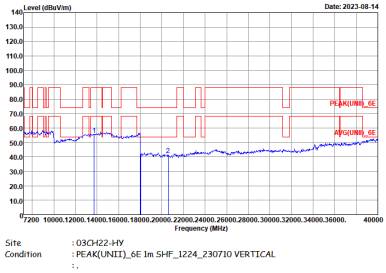
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

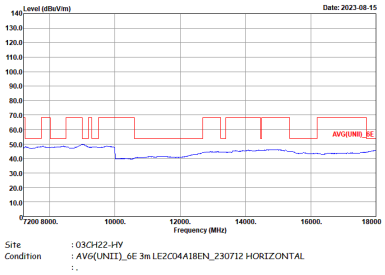
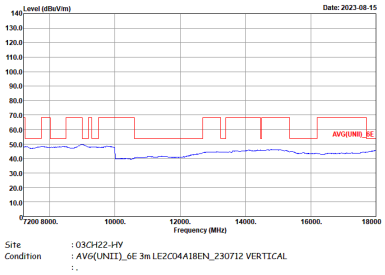
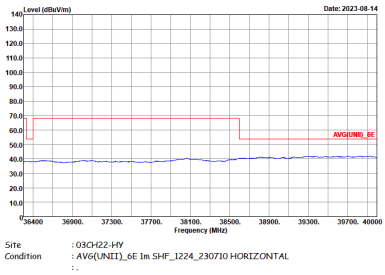
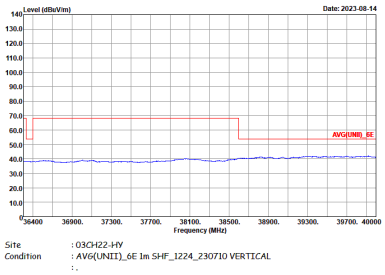
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
4+3	Horizontal	Vertical
Peak Avg.		

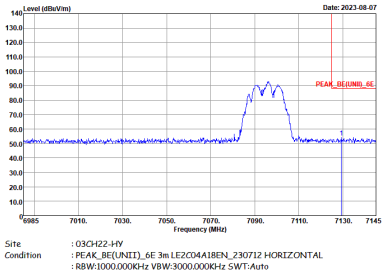
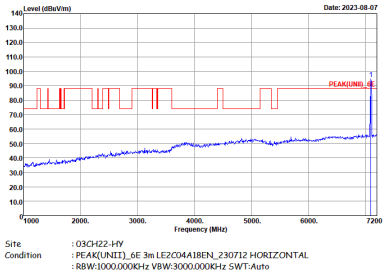
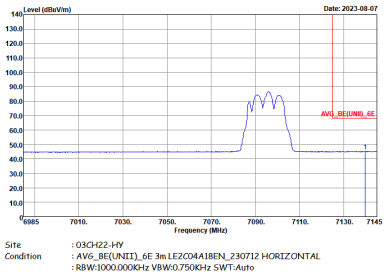
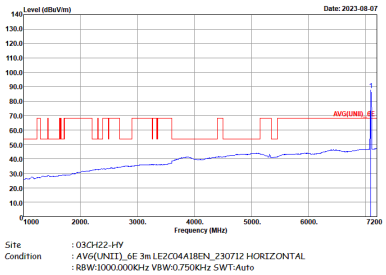
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

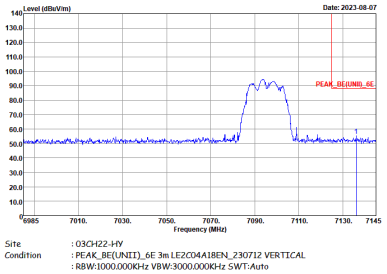
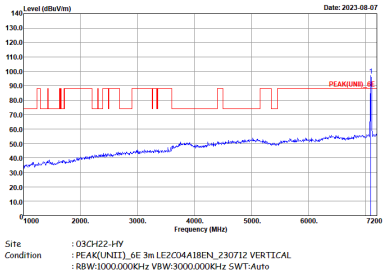
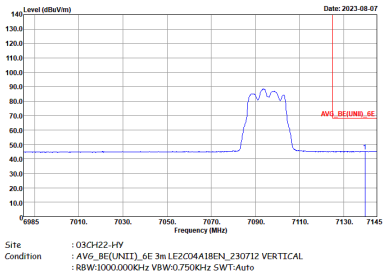
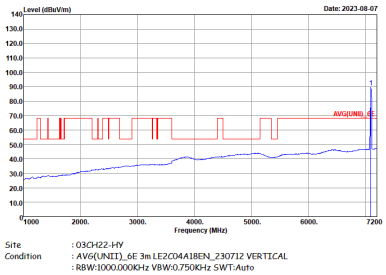
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

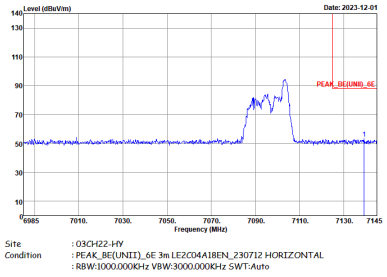
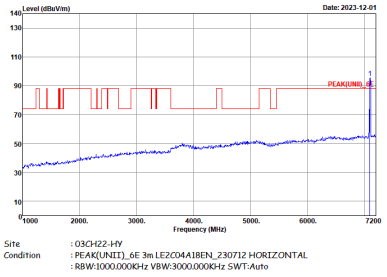
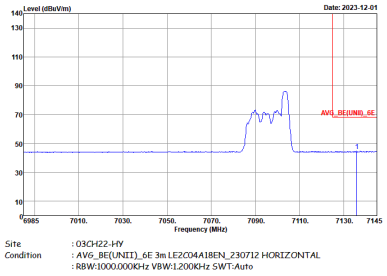
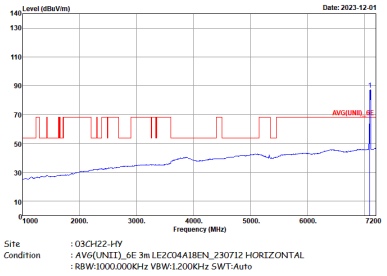
Band 8 - 6875~7125MHz

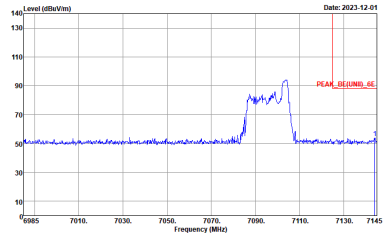
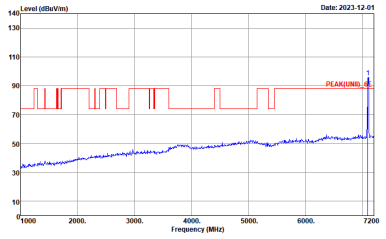
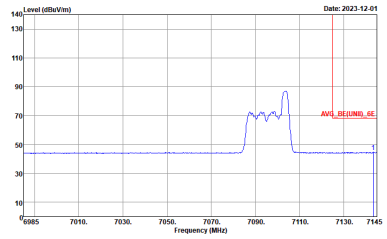
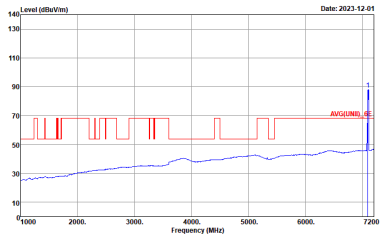
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH229 7095MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

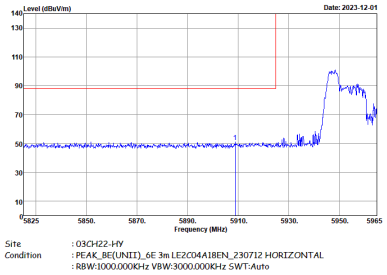
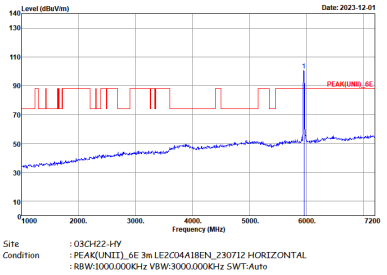
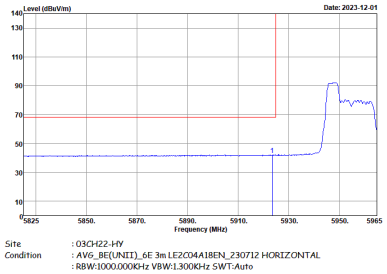
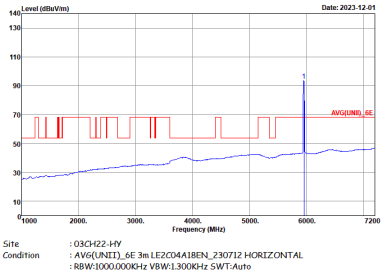
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH229 7095MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

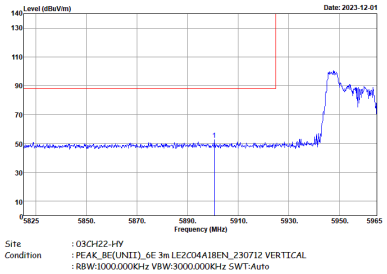
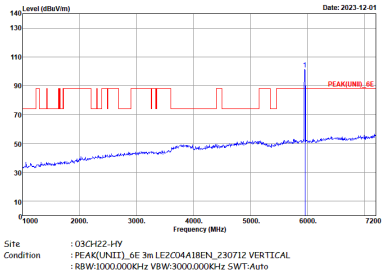
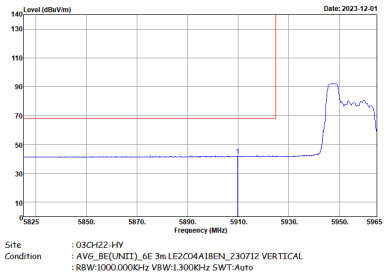
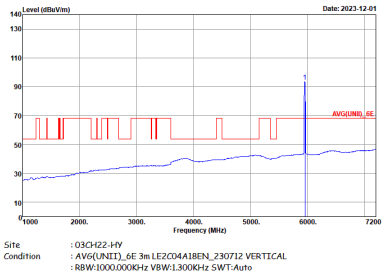
WIFI 802.11ax HE20 RU 26 (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 26 8 CH299 7095MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

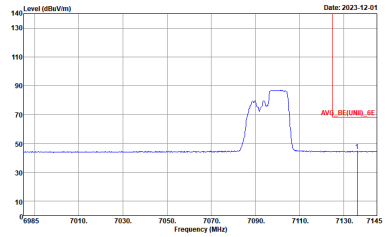
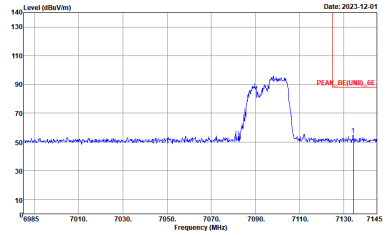
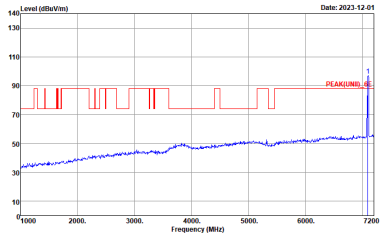
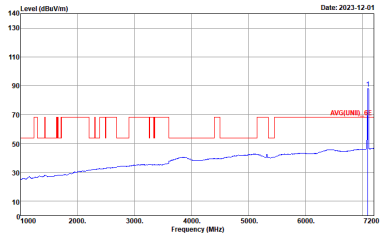
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 26 8 CH299 7095MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1200KHz SWT:Auto

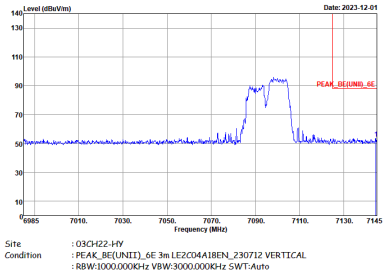
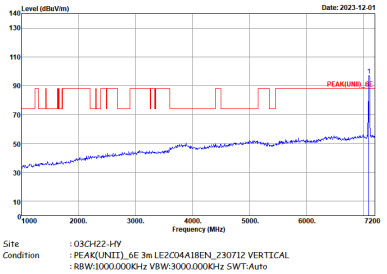
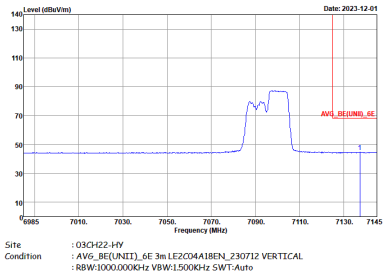
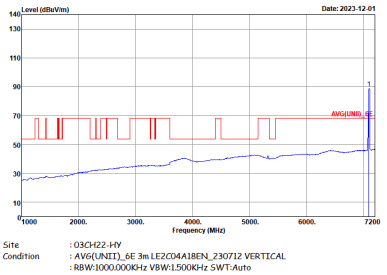
WIFI 802.11ax HE20 RU 52 (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 52 37 CH299 7095MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 52 37 CH299 7095MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

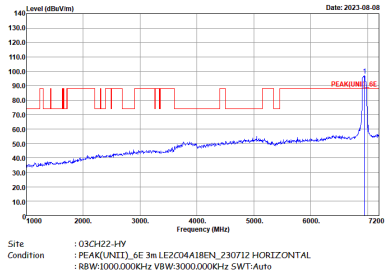
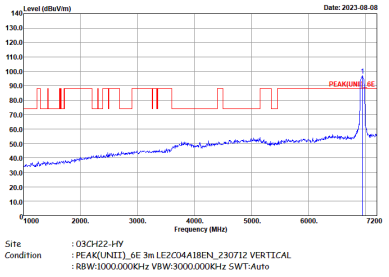
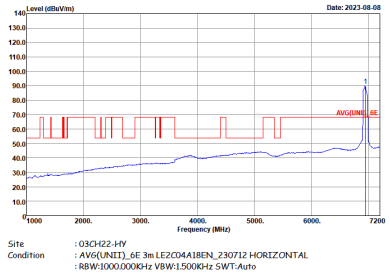
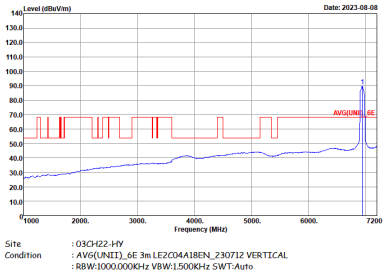
WIFI 802.11ax HE20 RU 106 (Band Edge @ 3m)

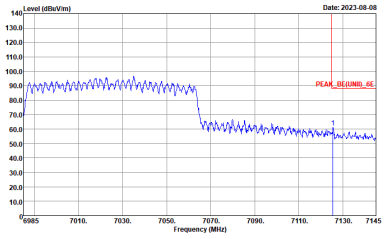
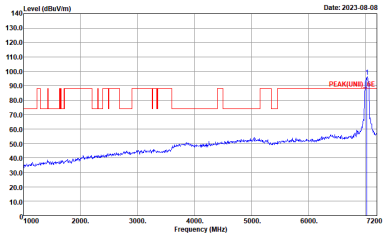
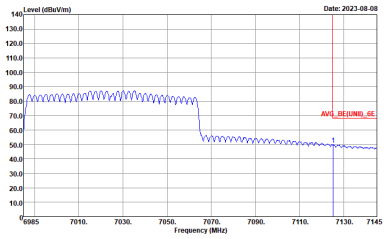
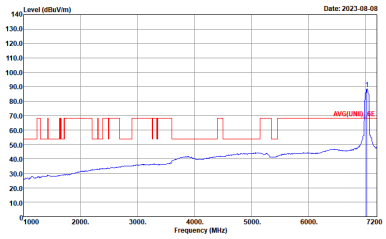
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 106 54 CH299 7095MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.500KHz SWT:Auto  Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.500KHz SWT:Auto

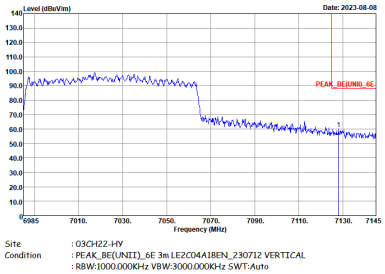
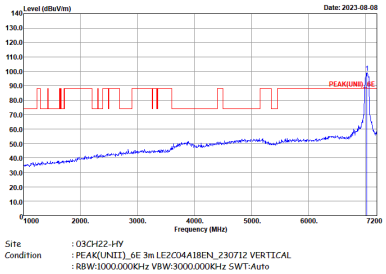
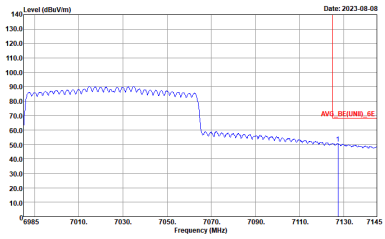
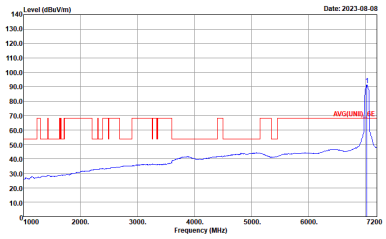
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial RU 26 8 CH299 7095MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

Band 8 - 6875~7125MHz

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

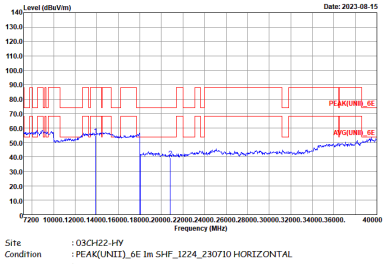
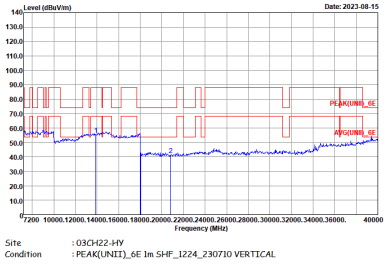
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
4+3	Horizontal	Vertical
Peak		
Avg.		

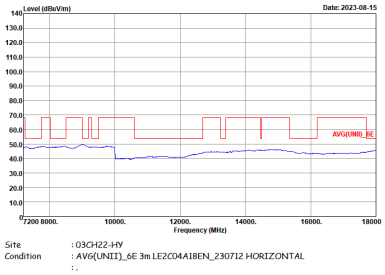
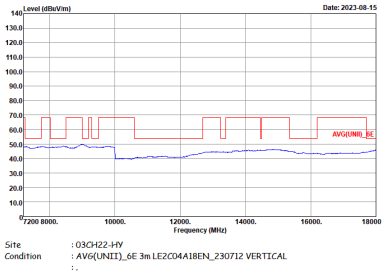
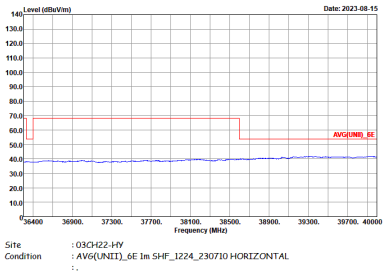
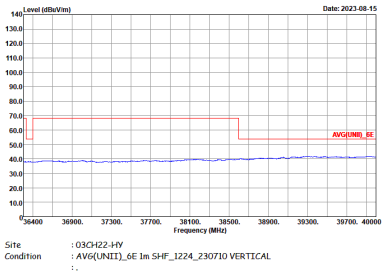
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.500KHz SWT:Auto

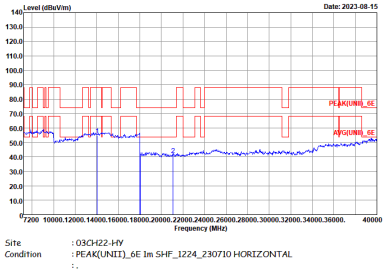
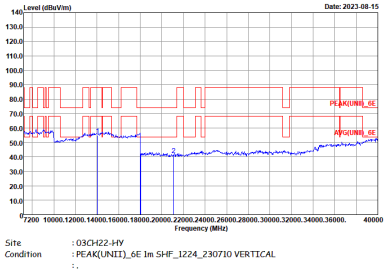
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG(UNII)_6E 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto

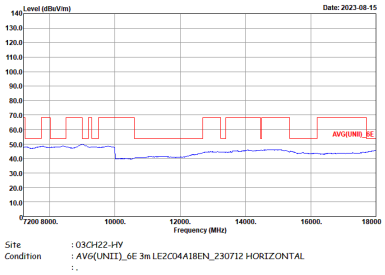
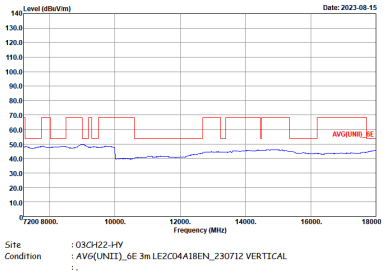
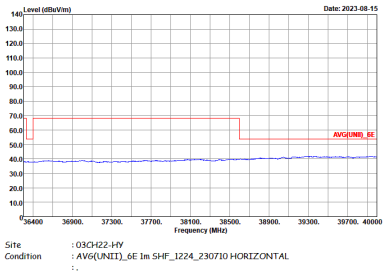
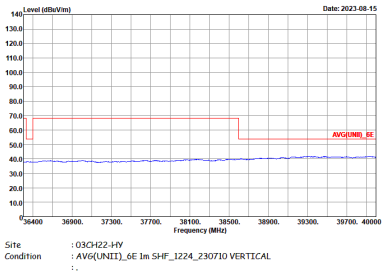
Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
4+3	Horizontal	Vertical
Peak Avg.		

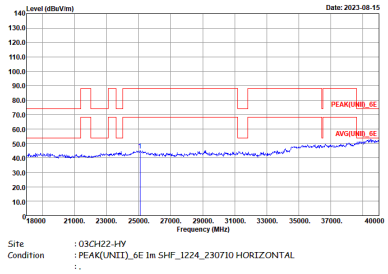
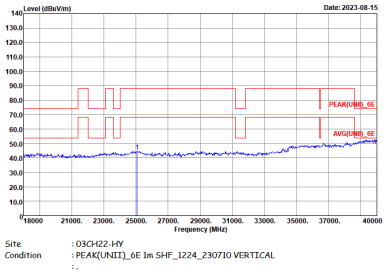
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Horizontal	Vertical
7.2G ~18G Avg.		
36.4G ~40G Avg		

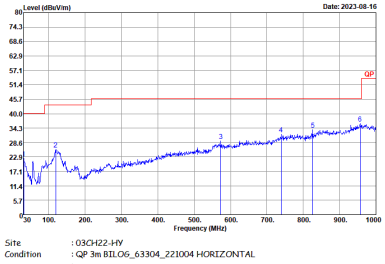
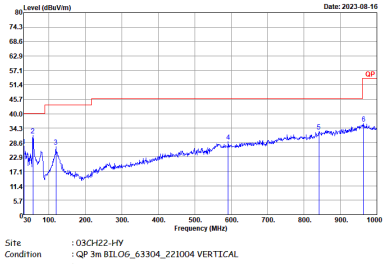
Emission above 18GHz

5GHz WIFI 802.11ax HE80 Full (SHF @ 1m)

WIFI	5GHz WIFI	
ANT	802.11ax HE80 Full SHF	
4+3	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11ax HE80 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE80 Full LF	
4+3	Horizontal	Vertical
QP / Peak		

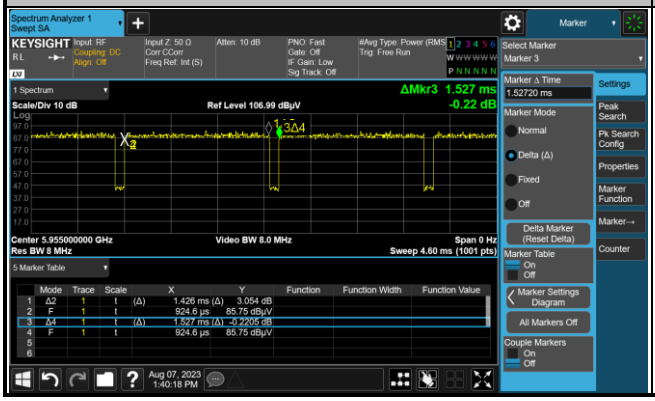
Appendix E. Duty Cycle Plots

<For Radiated Spurious Emission test>

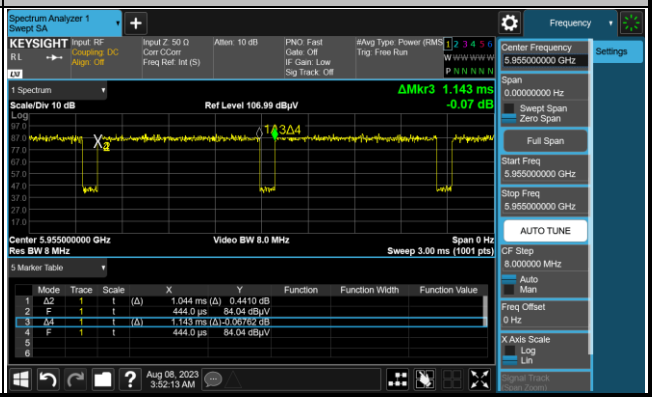
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4+3	802.11a	93.39	1426	0.70	750Hz
4+3	6GHz 802.11ax HE20 Full RU	91.34	1044	0.96	1kHz
4+3	6GHz 802.11ax HE40 Full RU	90.96	1026	0.97	1kHz
4+3	6GHz 802.11ax HE80 Full RU	88.18	748.2	1.34	1.5kHz

MIMO <Ant. 4+3>

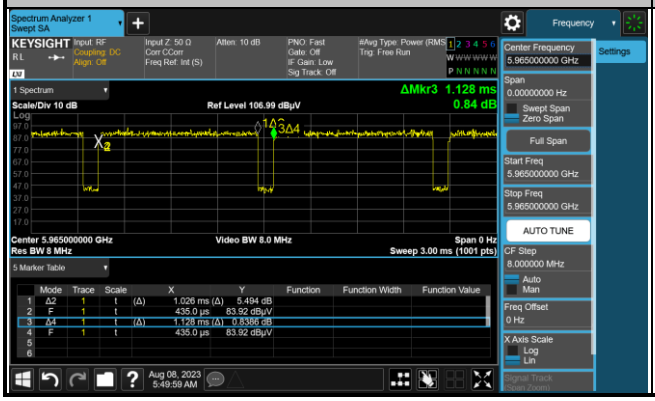
802.11a



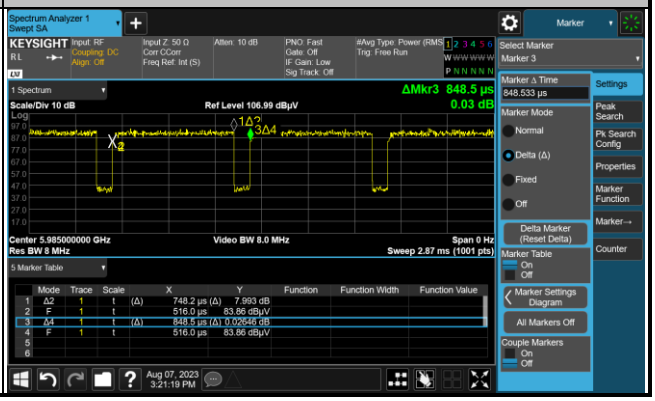
6GHz 802.11ax HE20 Full RU



6GHz 802.11ax HE40 Full RU



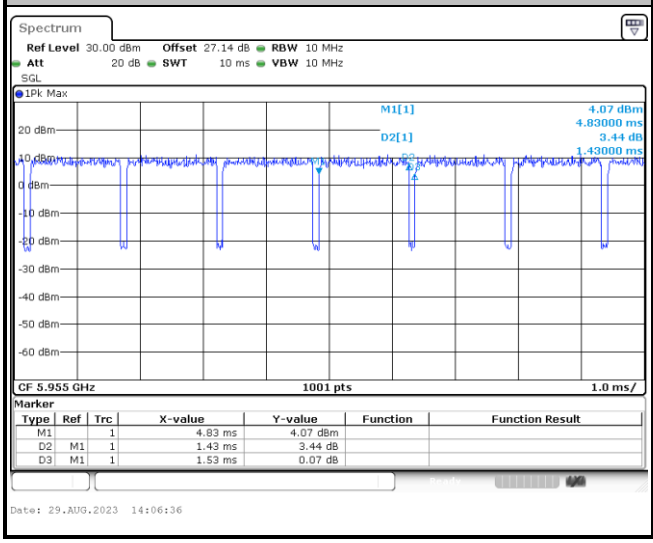
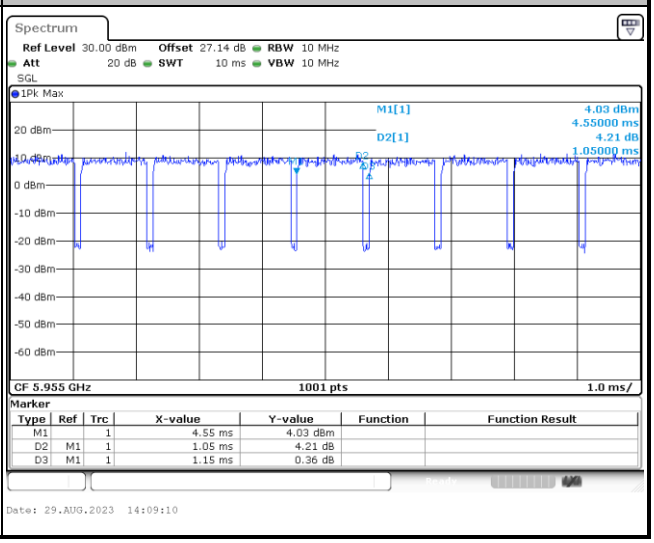
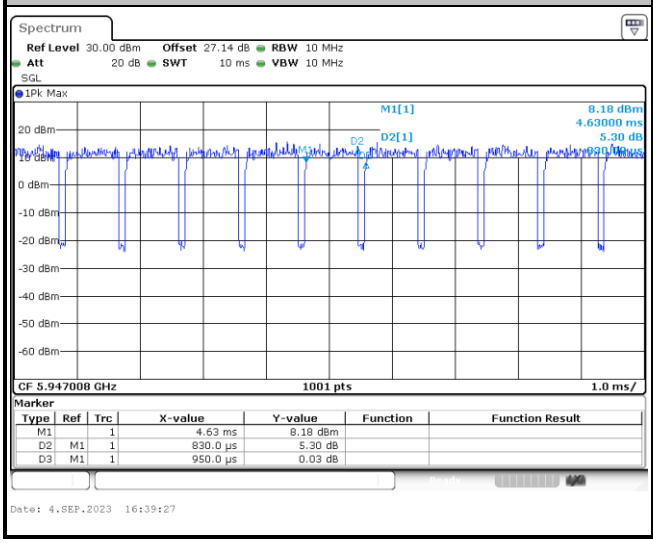
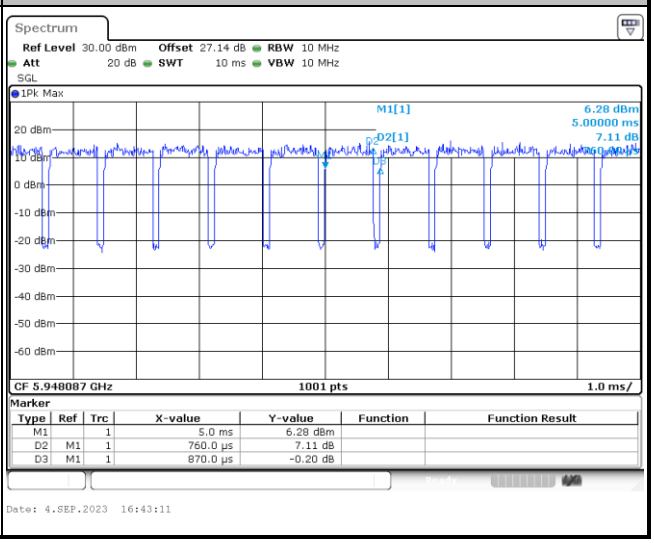
6GHz 802.11ax HE80 Full RU

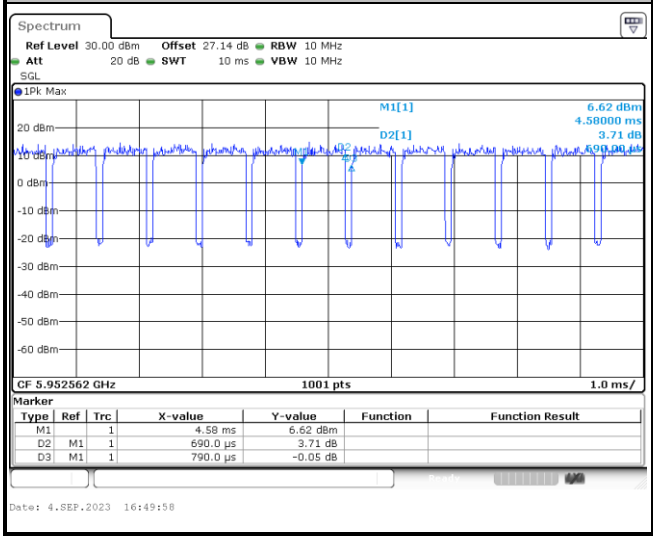
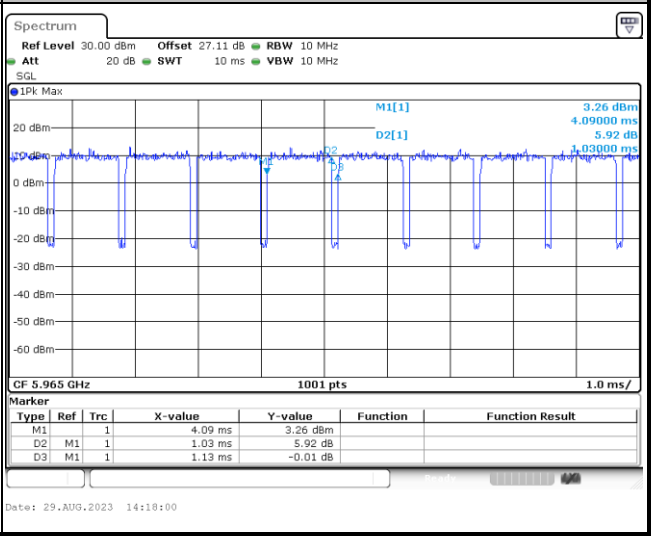
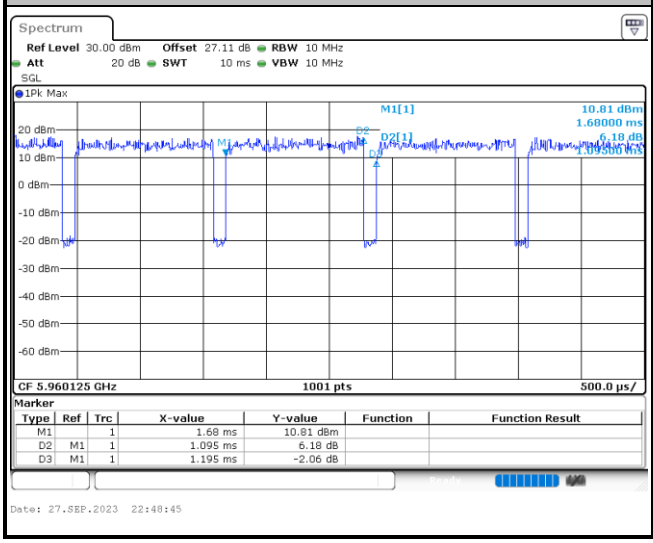
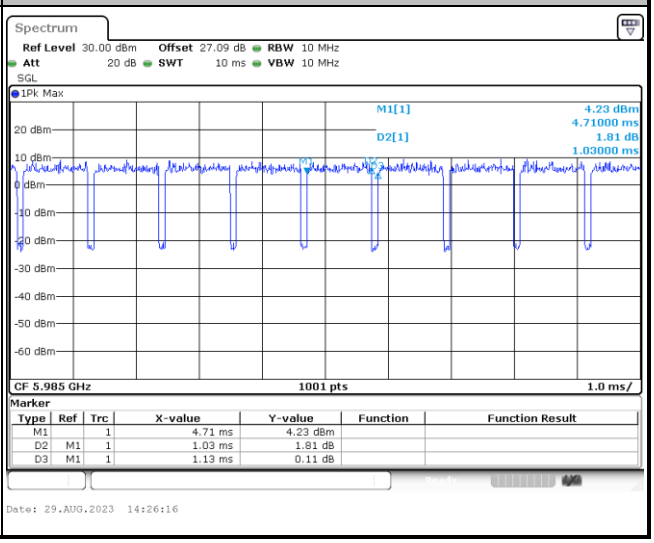


<For Conducted test>

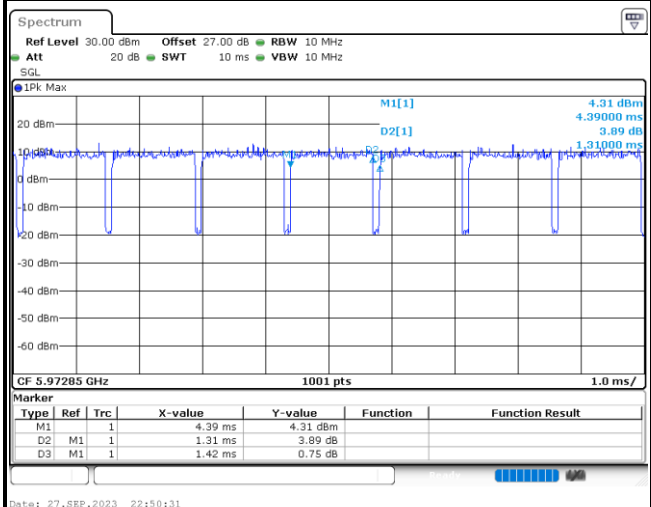
Antenna	Band	Duty Cycle(%)	T(us)	Duty Factor(dB)
4+3	802.11a for Ant 4	93.46	1430	0.29
4+3	802.11a for Ant 3	93.46	1430	0.29
4+3	6GHz 802.11ax HE20 Full RU for Ant 4	91.30	1050	0.40
4+3	6GHz 802.11ax HE20 Full RU for Ant 3	91.23	1040	0.40
4+3	6GHz 802.11ax HE20 26 RU for Ant 4	87.37	830	0.59
4+3	6GHz 802.11ax HE20 26 RU for Ant 3	87.37	830	0.59
4+3	6GHz 802.11ax HE20 52 RU for Ant 4	87.36	760	0.59
4+3	6GHz 802.11ax HE20 52 RU for Ant 3	87.36	760	0.59
4+3	6GHz 802.11ax HE20 106 RU for Ant 4	87.34	690	0.59
4+3	6GHz 802.11ax HE20 106 RU for Ant 3	87.34	690	0.59
4+3	6GHz 802.11ax HE40 Full RU for Ant 4	91.15	1030	0.40
4+3	6GHz 802.11ax HE40 Full RU for Ant 3	91.15	1030	0.40
4+3	6GHz 802.11ax HE40 242 RU for Ant 4	91.63	1095	0.38
4+3	6GHz 802.11ax HE40 242 RU for Ant 3	91.67	1100	0.38
4+3	6GHz 802.11ax HE80 Full RU for Ant 4	91.15	1030	0.40
4+3	6GHz 802.11ax HE80 Full RU for Ant 3	91.15	1030	0.40
4+3	6GHz 802.11ax HE80 484 RU for Ant 4	92.25	1310	0.35
4+3	6GHz 802.11ax HE80 484 RU for Ant 3	92.91	1310	0.32

MIMO <Ant. 4>

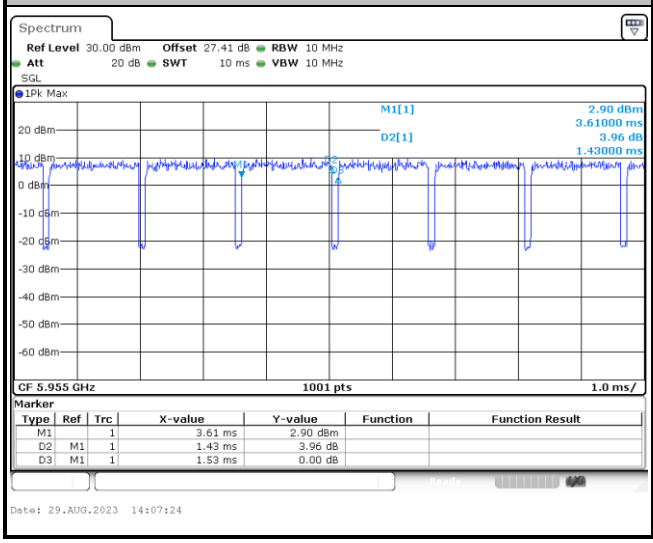
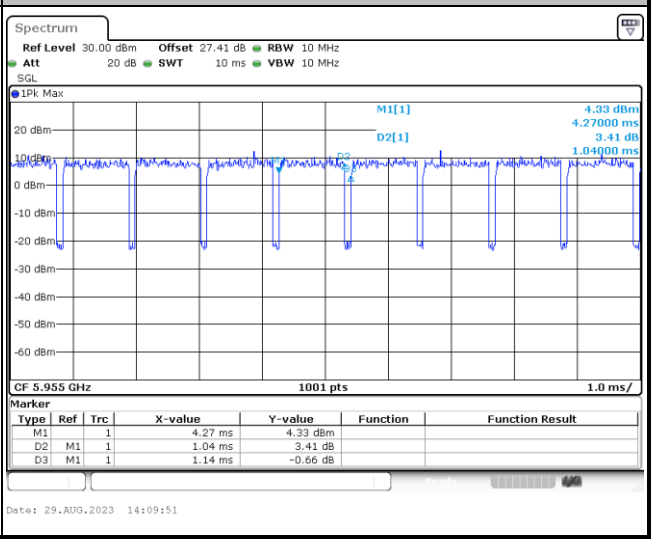
802.11a	6GHz 802.11ax HE20 Full RU
	
6GHz 802.11ax HE20 26 RU	6GHz 802.11ax HE20 52 RU
	

6GHz 802.11ax HE20 106 RU	6GHz 802.11ax HE40 Full RU
	
6GHz 802.11ax HE40 242 RU	6GHz 802.11ax HE80 Full RU
	

6GHz 802.11ax HE80 484 RU



MIMO <Ant. 3>

802.11a	6GHz 802.11ax HE20 Full RU
	
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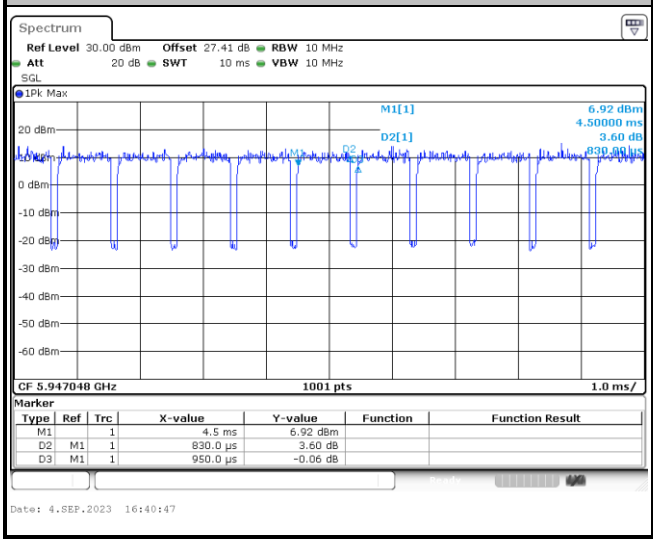
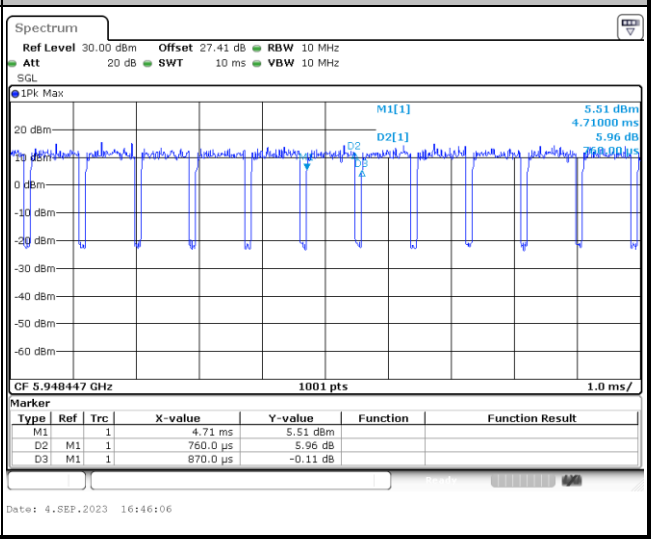
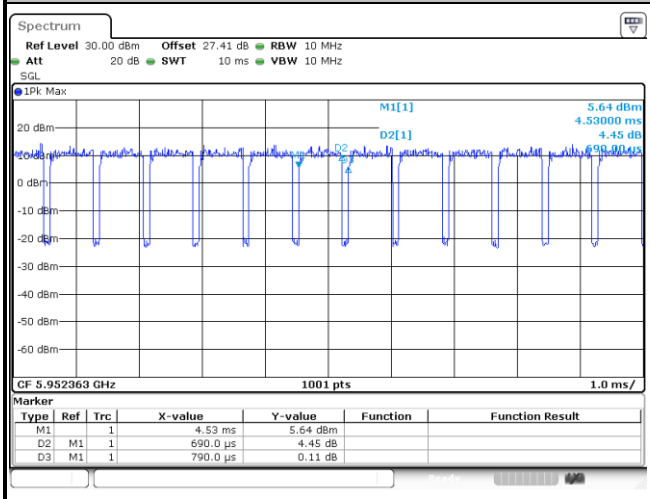
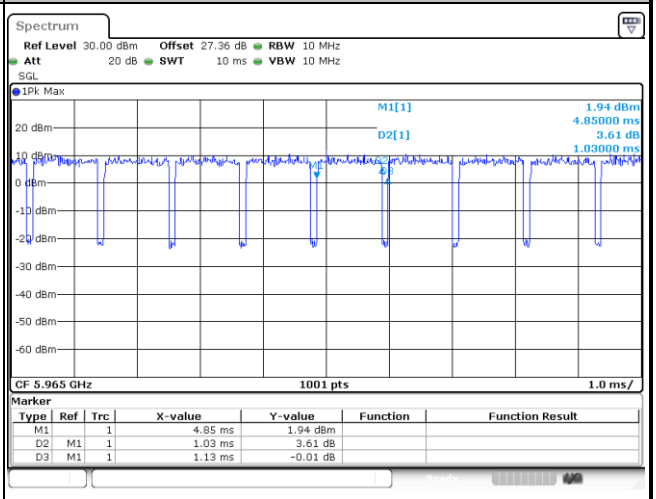
	

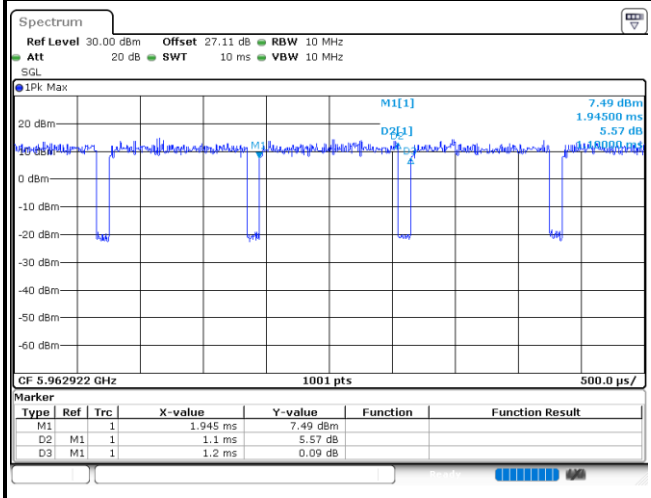
6GHz 802.11ax HE20 106 RU



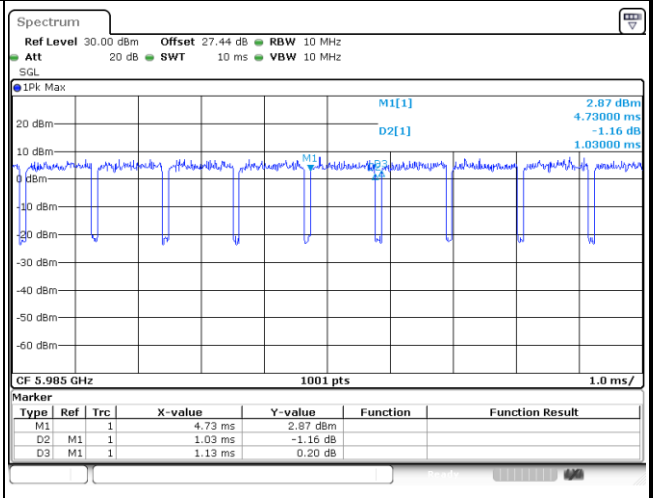
6GHz 802.11ax HE40 Full RU



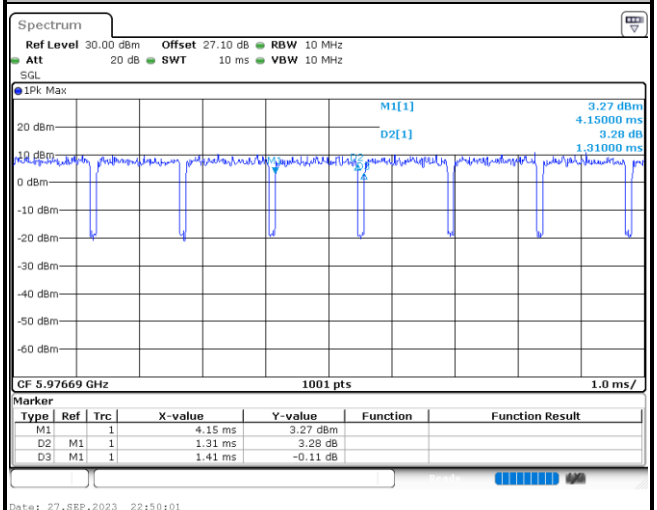
6GHz 802.11ax HE40 242 RU



6GHz 802.11ax HE80 Full RU



6GHz 802.11ax HE80 484 RU



THE END