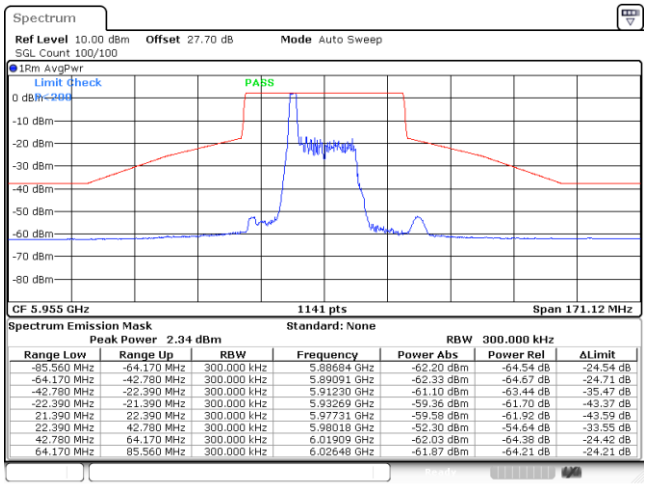
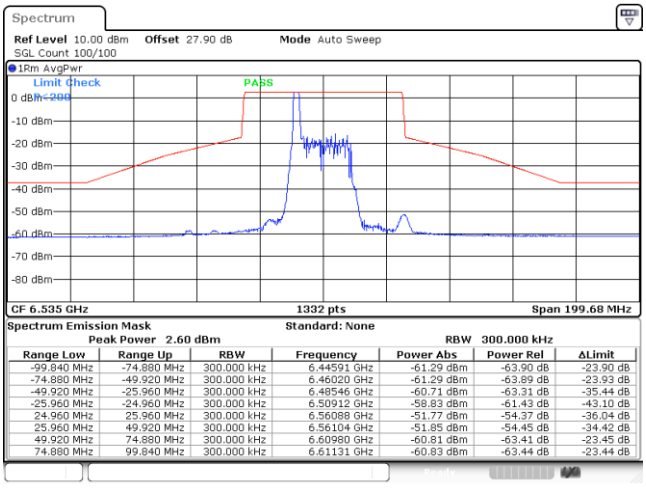
EUT Mode :	802.11ax HE20 26RU0

Plot on Channel 5955 MHz

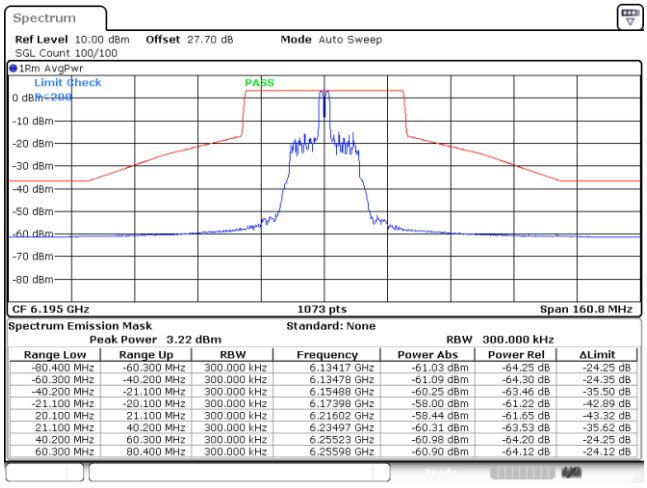


Plot on Channel 6535 MHz

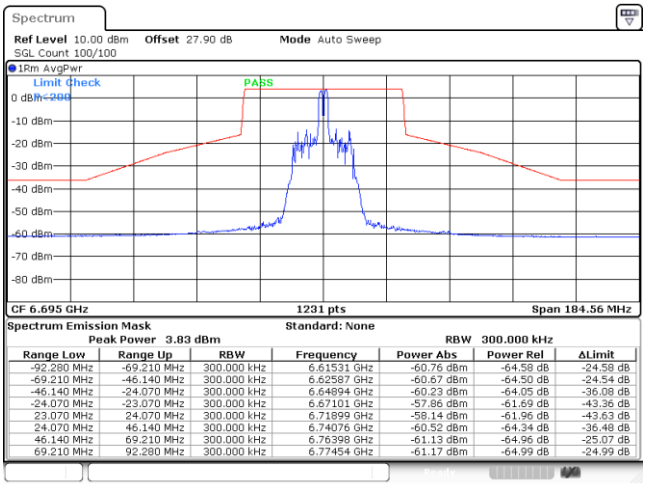


EUT Mode :	802.11ax HE20 26RU4

Plot on Channel 6195 MHz

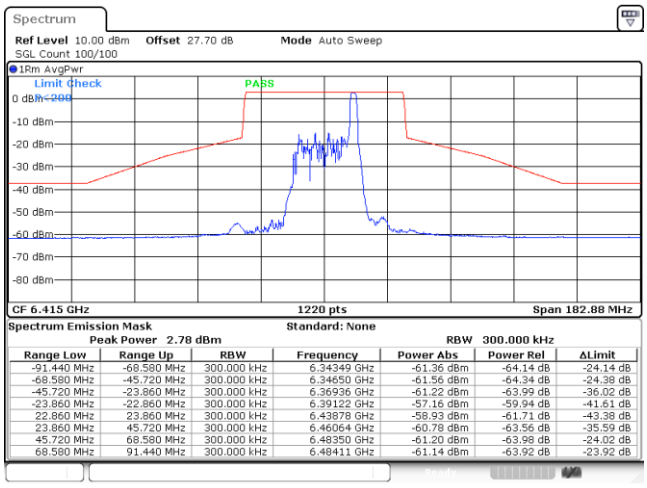


Plot on Channel 6695 MHz

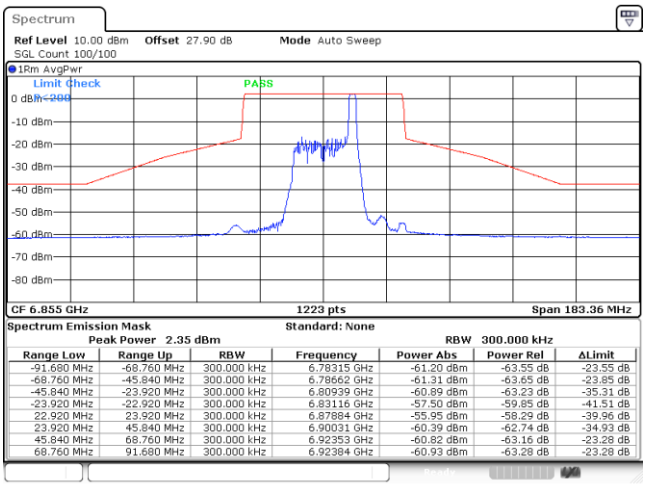


EUT Mode :	802.11ax HE20 26RU8

Plot on Channel 6415 MHz

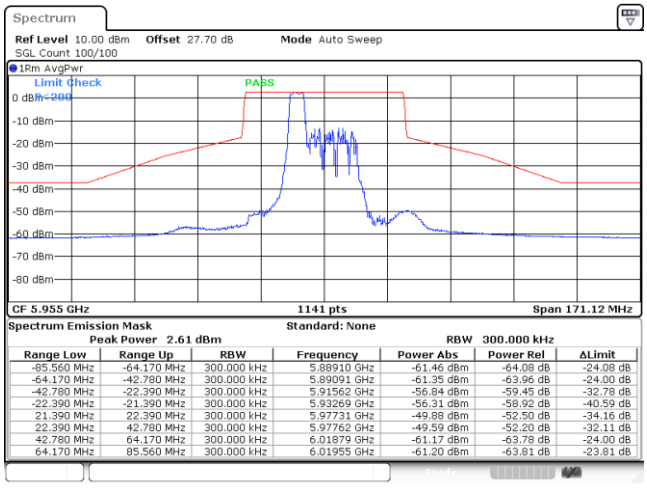


Plot on Channel 6855 MHz

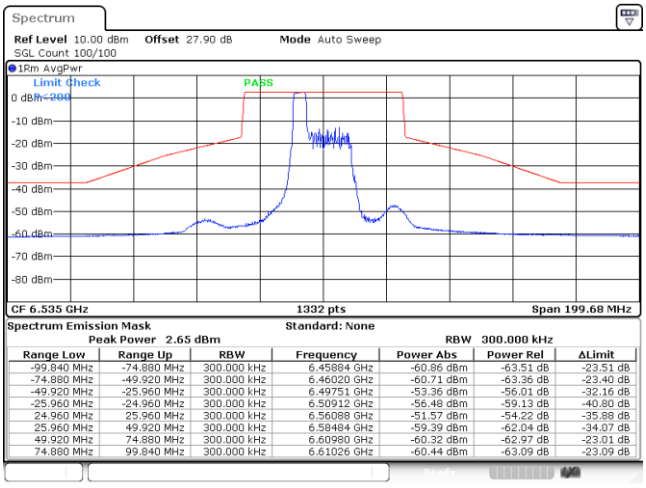


EUT Mode :	802.11ax HE20 52RU37

Plot on Channel 5955 MHz

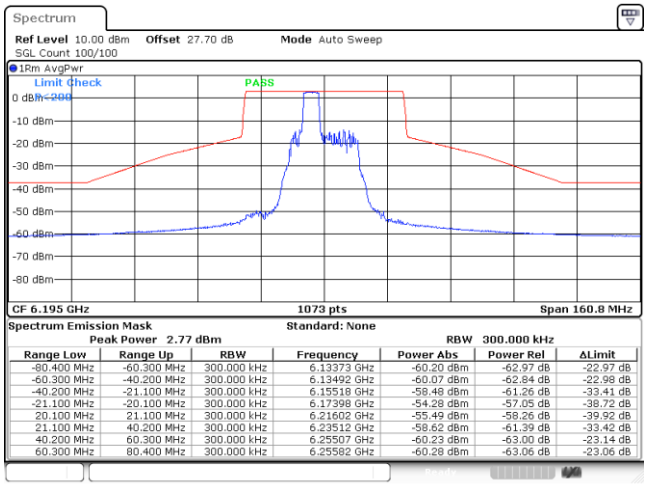


Plot on Channel 6535 MHz

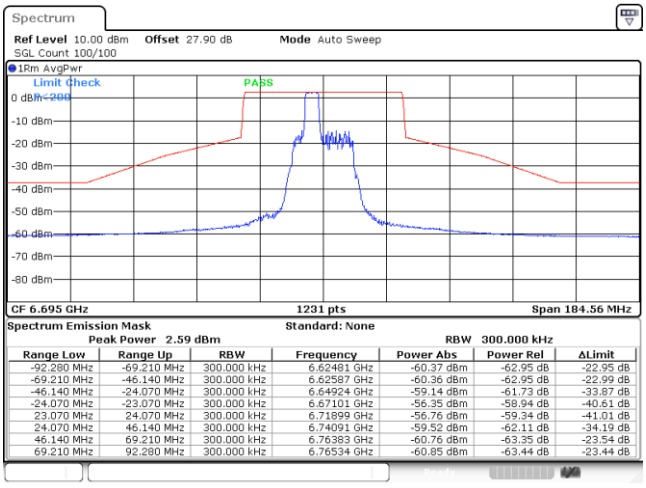


EUT Mode :	802.11ax HE20 52RU38

Plot on Channel 6195 MHz

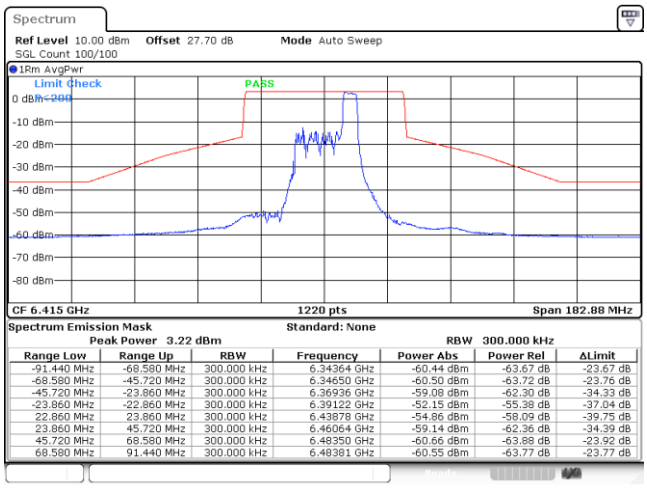


Plot on Channel 6695 MHz

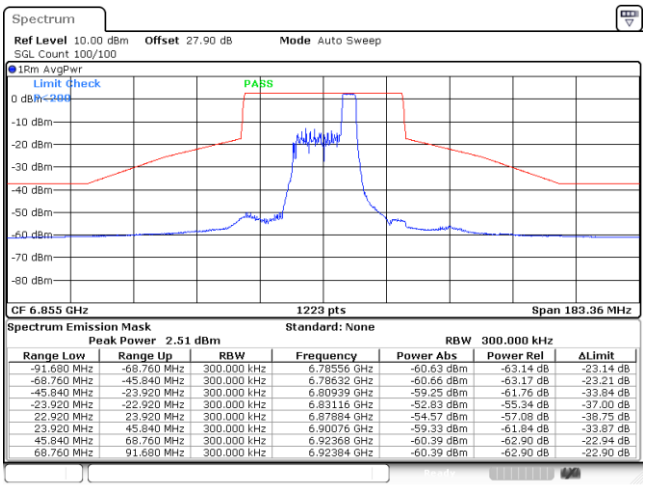


EUT Mode :	802.11be EHT20 52RU40

Plot on Channel 6415 MHz

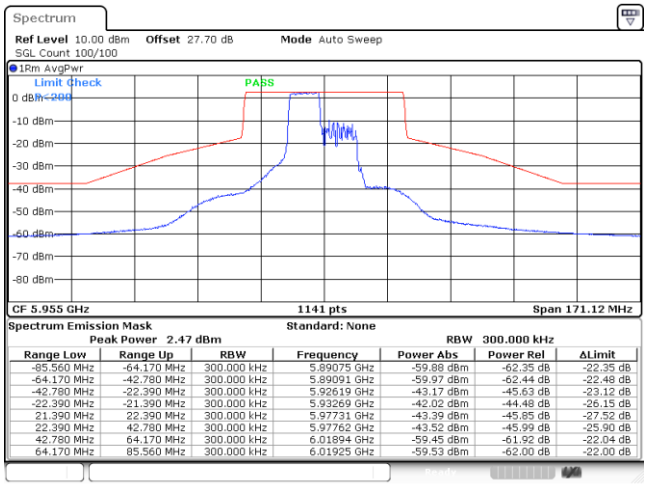


Plot on Channel 6855 MHz

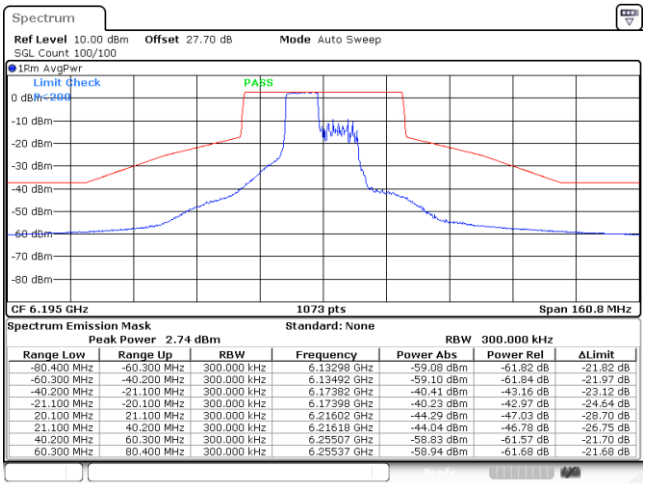


EUT Mode :	802.11ax HE20 106RU53

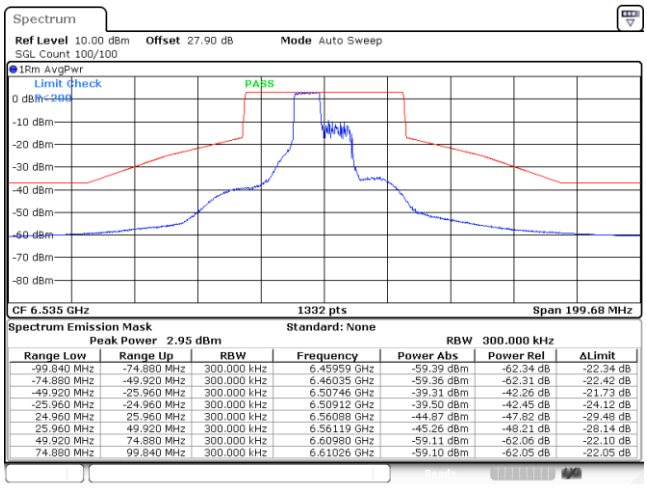
Plot on Channel 5955 MHz



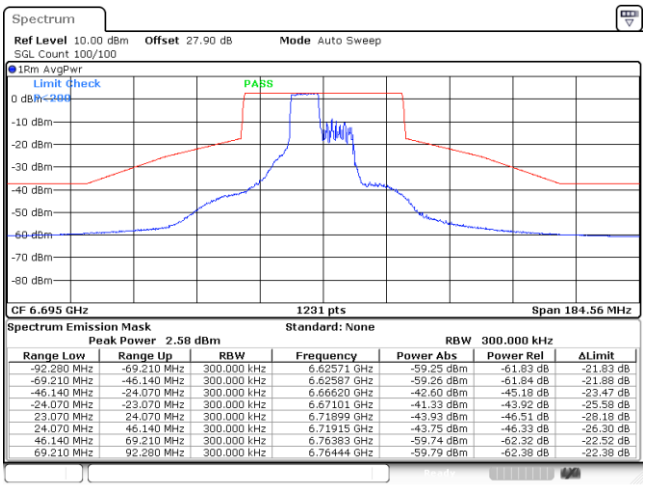
Plot on Channel 6195 MHz



Plot on Channel 6535 MHz

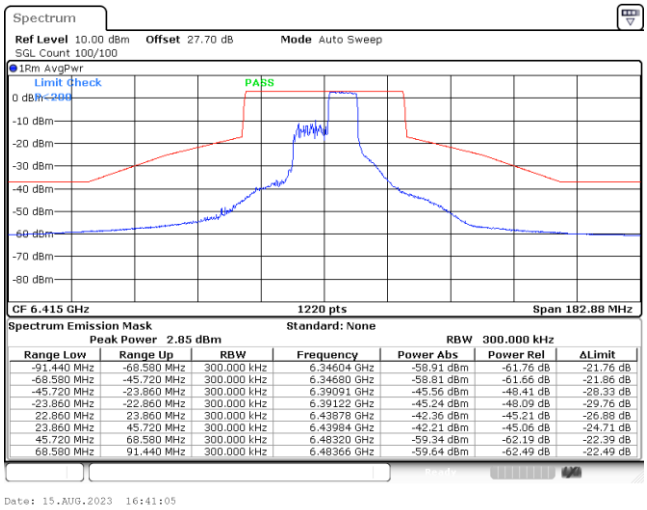


Plot on Channel 6695 MHz

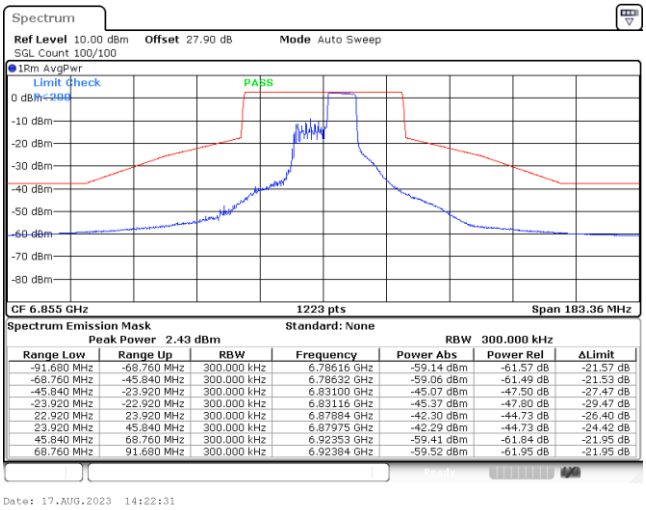


EUT Mode :	802.11ax HE20 106RU54

Plot on Channel 6415 MHz

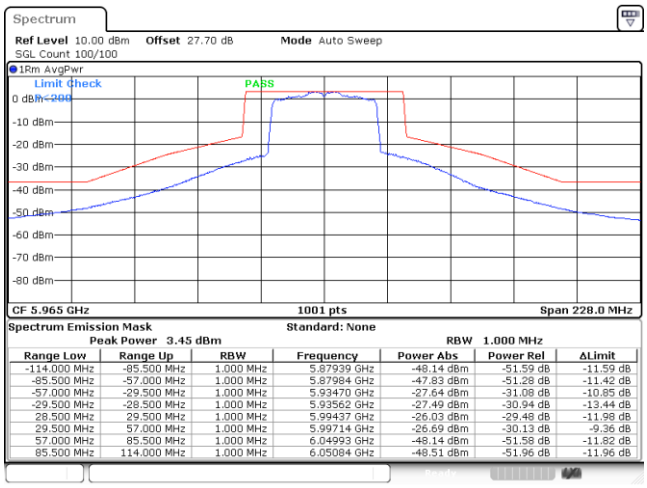


Plot on Channel 6855 MHz

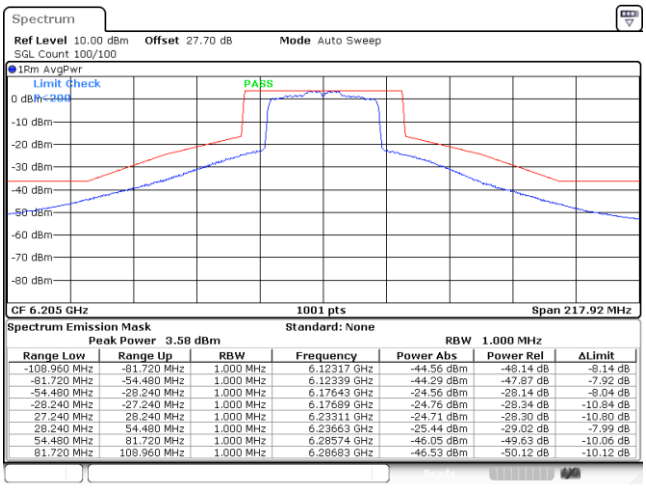


EUT Mode :	802.11ax HE40 Full RU

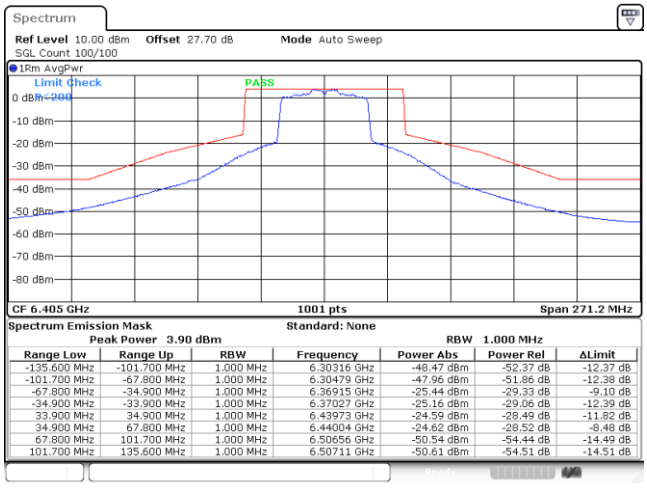
Plot on Channel 5965 MHz



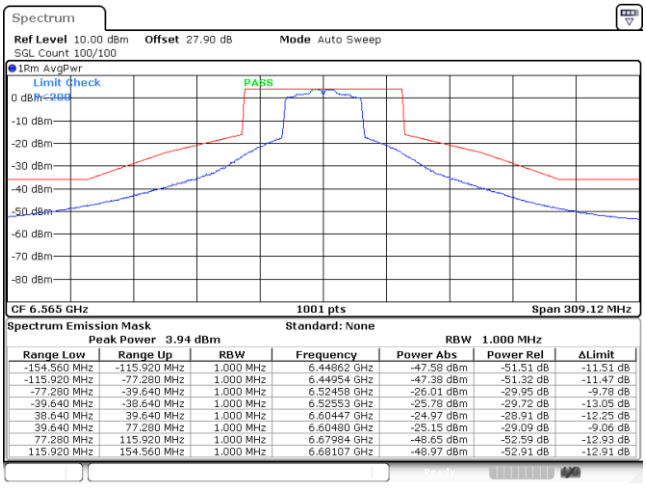
Plot on Channel 6205 MHz



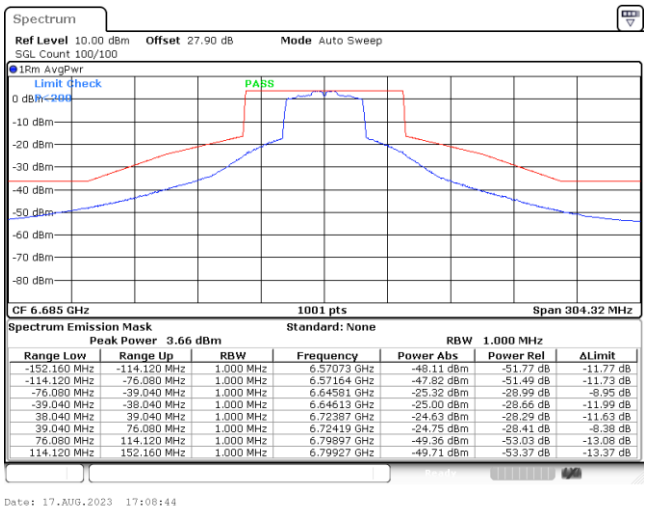
Plot on Channel 6405 MHz



Plot on Channel 6565 MHz



Plot on Channel 6685 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-152.160 MHz	-114.120 MHz	1.000 MHz	6.57073 GHz	-48.11 dBm	-51.77 dB	-11.77 dB
-114.120 MHz	-76.080 MHz	1.000 MHz	6.57164 GHz	-47.82 dBm	-51.49 dB	-11.73 dB
-76.080 MHz	-39.040 MHz	1.000 MHz	6.64581 GHz	-25.32 dBm	-28.99 dB	-8.95 dB
-39.040 MHz	-38.040 MHz	1.000 MHz	6.64613 GHz	-25.00 dBm	-28.66 dB	-11.99 dB
38.040 MHz	39.040 MHz	1.000 MHz	6.72387 GHz	-24.63 dBm	-28.29 dB	-11.63 dB
39.040 MHz	76.080 MHz	1.000 MHz	6.72419 GHz	-24.75 dBm	-28.41 dB	-8.38 dB
76.080 MHz	114.120 MHz	1.000 MHz	6.79897 GHz	-49.36 dBm	-53.03 dB	-13.08 dB
114.120 MHz	152.160 MHz	1.000 MHz	6.79927 GHz	-49.71 dBm	-53.37 dB	-13.37 dB

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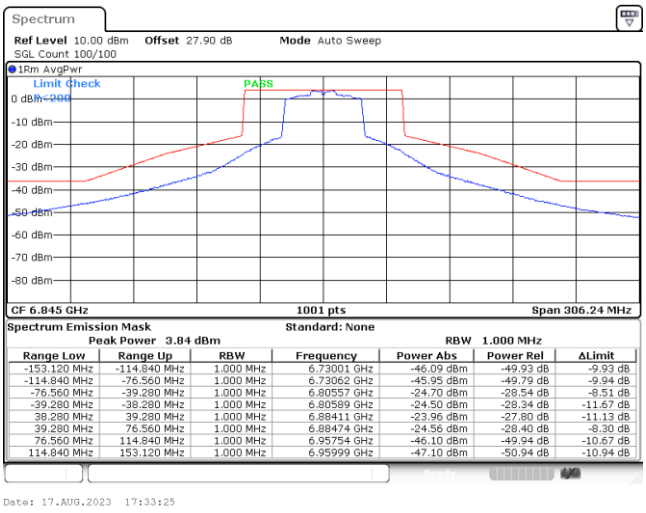
Plot on Channel 6845 MHz

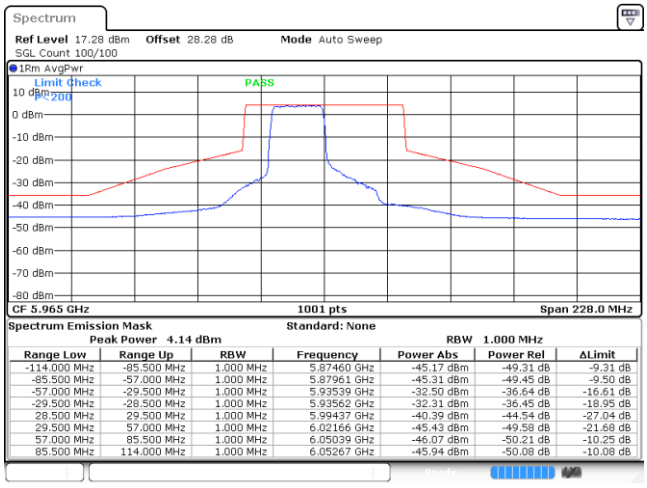


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-153.120 MHz	-114.840 MHz	1.000 MHz	6.73001 GHz	-46.09 dBm	-49.93 dB	-9.93 dB
-114.840 MHz	-76.560 MHz	1.000 MHz	6.73062 GHz	-45.95 dBm	-49.79 dB	-9.94 dB
-76.560 MHz	-39.280 MHz	1.000 MHz	6.80557 GHz	-24.70 dBm	-28.54 dB	-8.51 dB
-39.280 MHz	-38.280 MHz	1.000 MHz	6.80589 GHz	-24.50 dBm	-28.34 dB	-11.67 dB
38.280 MHz	39.280 MHz	1.000 MHz	6.88411 GHz	-23.96 dBm	-27.80 dB	-11.13 dB
39.280 MHz	76.560 MHz	1.000 MHz	6.88474 GHz	-24.56 dBm	-28.40 dB	-8.30 dB
76.560 MHz	114.840 MHz	1.000 MHz	6.95754 GHz	-46.10 dBm	-49.94 dB	-10.67 dB
114.840 MHz	153.120 MHz	1.000 MHz	6.95999 GHz	-47.10 dBm	-50.94 dB	-10.94 dB

Date: 17.AUG.2023 17:33:25

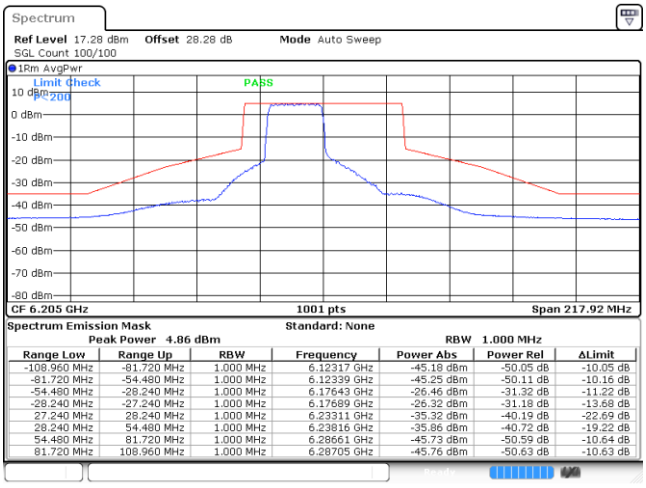
EUT Mode :	802.11ax HE40 242RU61

Plot on Channel 5965 MHz



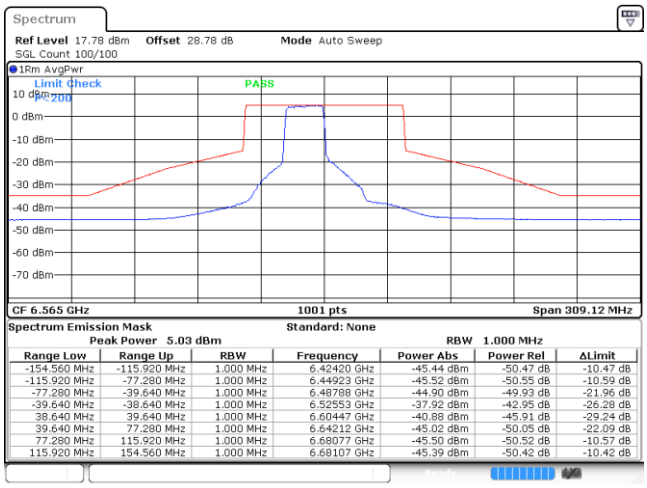
Date: 28.SEP.2023 10:31:57

Plot on Channel 6205 MHz



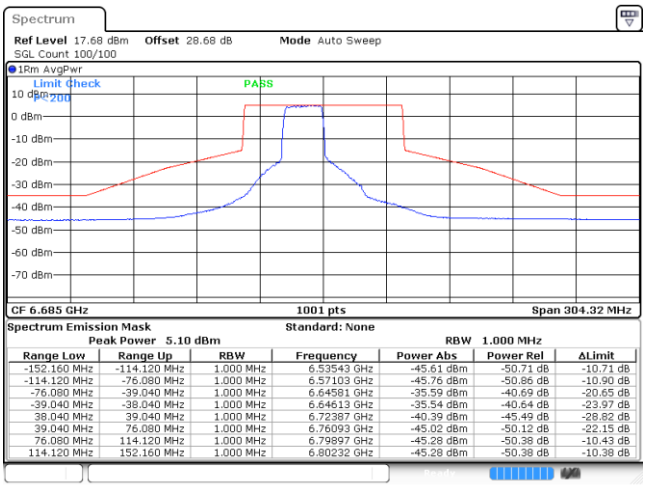
Date: 28.SEP.2023 10:49:22

Plot on Channel 6565 MHz



Date: 28.SEP.2023 11:12:06

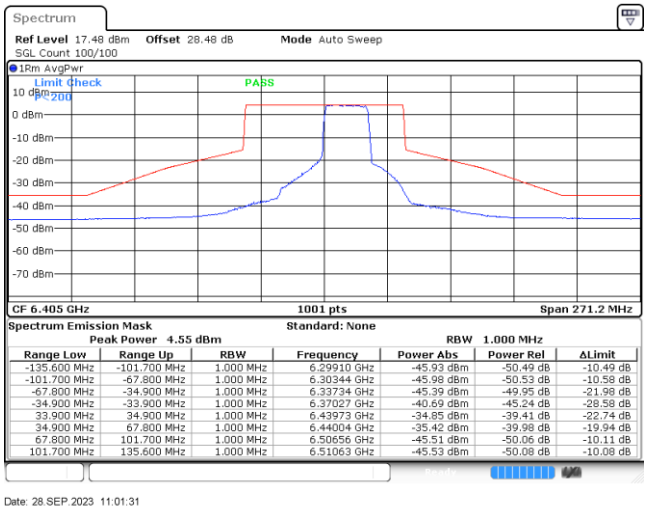
Plot on Channel 6685 MHz



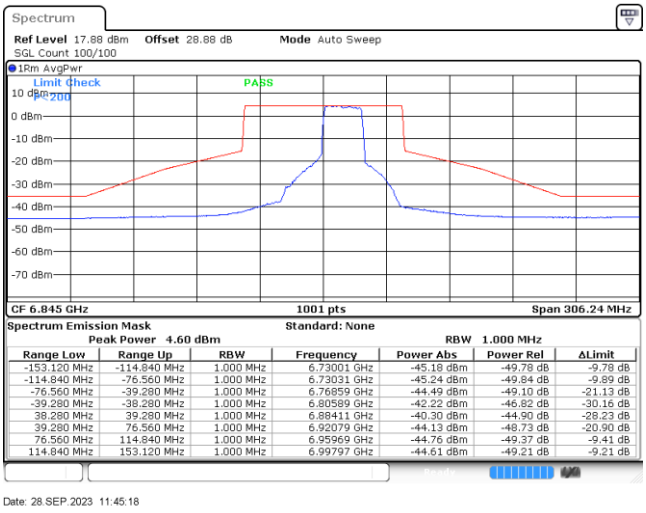
Date: 28.SEP.2023 11:18:30

EUT Mode :	802.11ax HE40 242RU62

Plot on Channel 6405 MHz

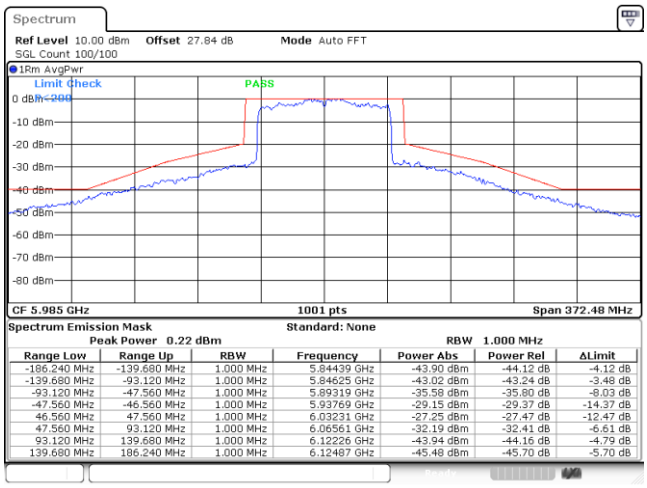


Plot on Channel 6845 MHz

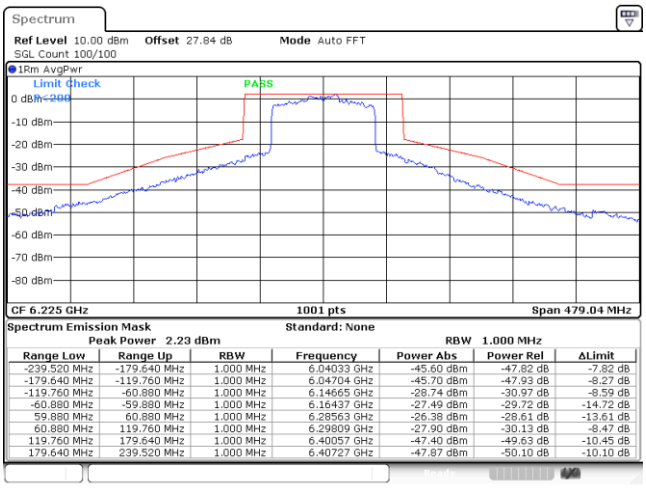


EUT Mode :	802.11ax HE80 Full RU

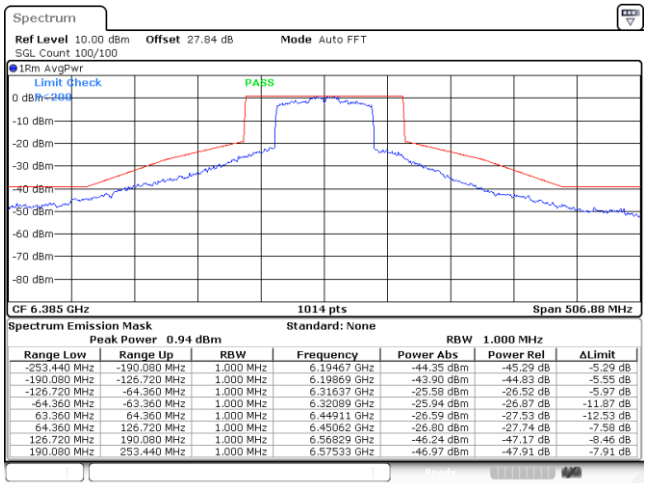
Plot on Channel 5985 MHz



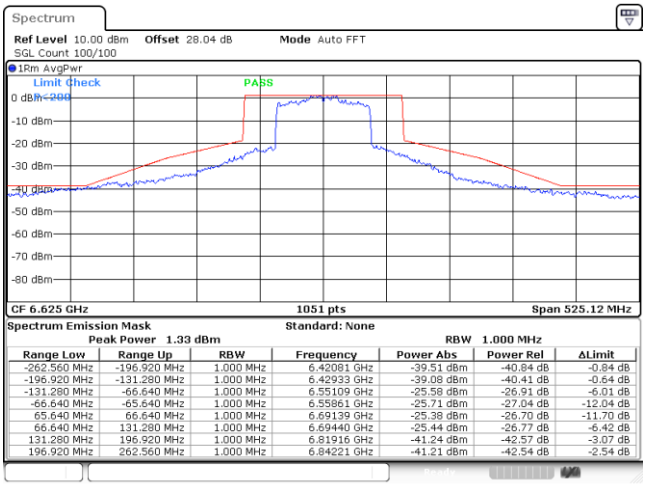
Plot on Channel 6225 MHz



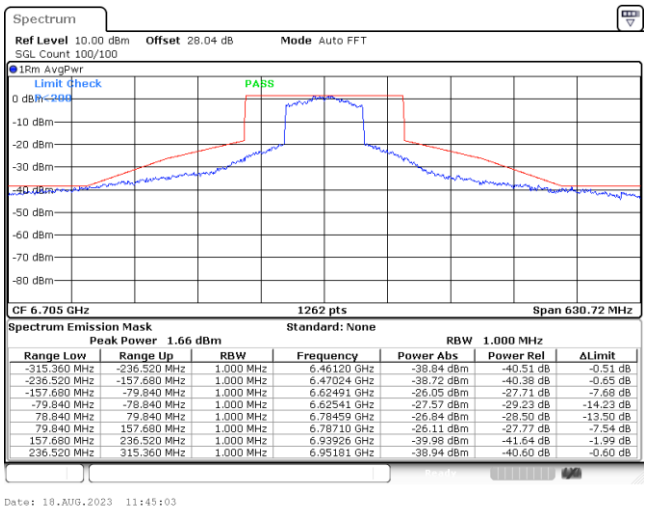
Plot on Channel 6385 MHz



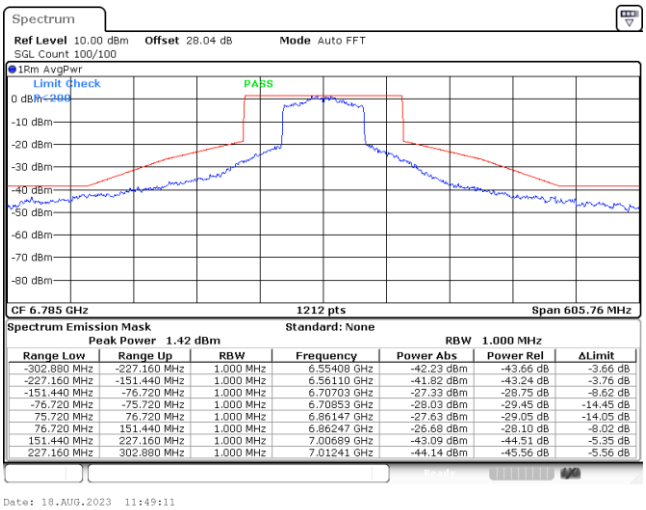
Plot on Channel 6625 MHz



Plot on Channel 6705 MHz

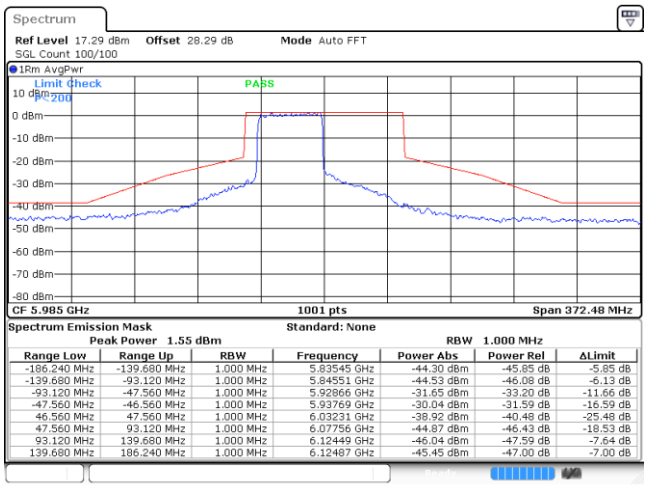


Plot on Channel 6785 MHz



EUT Mode	802.11ax HE80 484RU65

Plot on Channel 5985 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-186.240 MHz	-139.680 MHz	1.000 MHz	5.83545 GHz	-44.30 dBm	-45.85 dB	-5.85 dB
-139.680 MHz	-93.120 MHz	1.000 MHz	5.84551 GHz	-44.53 dBm	-46.08 dB	-6.13 dB
-93.120 MHz	-47.560 MHz	1.000 MHz	5.92866 GHz	-31.65 dBm	-33.20 dB	-11.66 dB
-47.560 MHz	-46.560 MHz	1.000 MHz	5.93769 GHz	-30.04 dBm	-31.59 dB	-16.59 dB
46.560 MHz	47.560 MHz	1.000 MHz	6.03231 GHz	-38.92 dBm	-40.48 dB	-25.48 dB
47.560 MHz	93.120 MHz	1.000 MHz	6.07756 GHz	-44.87 dBm	-46.43 dB	-18.53 dB
93.120 MHz	139.680 MHz	1.000 MHz	6.12449 GHz	-46.04 dBm	-47.59 dB	-7.64 dB
139.680 MHz	186.240 MHz	1.000 MHz	6.12487 GHz	-45.45 dBm	-47.00 dB	-7.00 dB

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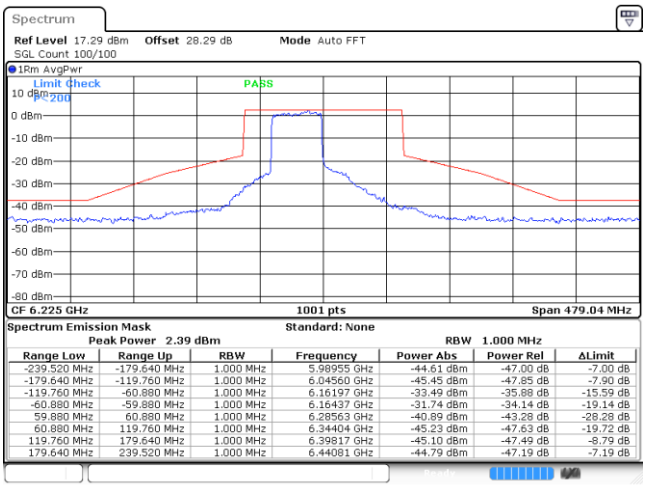
Plot on Channel 6225 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-239.520 MHz	-179.640 MHz	1.000 MHz	5.98955 GHz	-44.61 dBm	-47.00 dB	-7.00 dB
-179.640 MHz	-119.760 MHz	1.000 MHz	6.04560 GHz	-45.45 dBm	-47.85 dB	-7.90 dB
-119.760 MHz	-60.880 MHz	1.000 MHz	6.16197 GHz	-33.49 dBm	-35.88 dB	-15.59 dB
-60.880 MHz	-59.880 MHz	1.000 MHz	6.16437 GHz	-31.74 dBm	-34.14 dB	-19.14 dB
59.880 MHz	60.880 MHz	1.000 MHz	6.28563 GHz	-40.89 dBm	-43.28 dB	-28.28 dB
60.880 MHz	119.760 MHz	1.000 MHz	6.34404 GHz	-45.23 dBm	-47.63 dB	-19.72 dB
119.760 MHz	179.640 MHz	1.000 MHz	6.39817 GHz	-45.10 dBm	-47.49 dB	-8.79 dB
179.640 MHz	239.520 MHz	1.000 MHz	6.44081 GHz	-44.79 dBm	-47.19 dB	-7.19 dB

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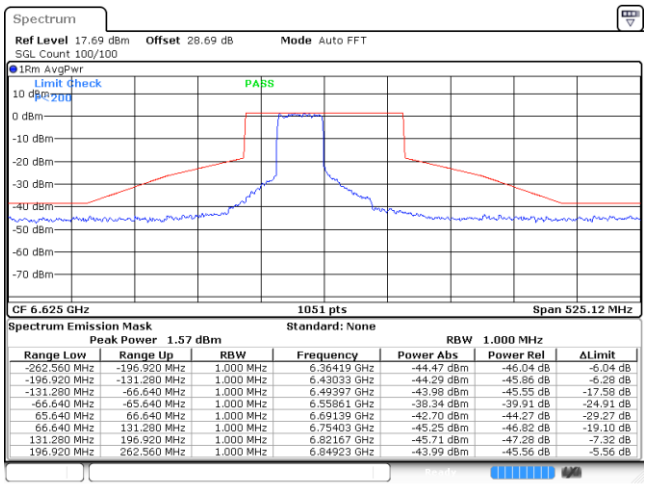
Plot on Channel 6625 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-262.560 MHz	-196.920 MHz	1.000 MHz	6.36419 GHz	-44.47 dBm	-46.04 dB	-6.04 dB
-196.920 MHz	-131.280 MHz	1.000 MHz	6.43033 GHz	-44.29 dBm	-45.86 dB	-6.28 dB
-131.280 MHz	-66.640 MHz	1.000 MHz	6.49397 GHz	-43.98 dBm	-45.55 dB	-17.58 dB
-66.640 MHz	-65.640 MHz	1.000 MHz	6.55861 GHz	-38.34 dBm	-39.91 dB	-24.91 dB
65.640 MHz	66.640 MHz	1.000 MHz	6.69139 GHz	-42.70 dBm	-44.27 dB	-29.27 dB
66.640 MHz	131.280 MHz	1.000 MHz	6.75403 GHz	-45.25 dBm	-46.82 dB	-19.10 dB
131.280 MHz	196.920 MHz	1.000 MHz	6.82167 GHz	-45.71 dBm	-47.28 dB	-7.32 dB
196.920 MHz	262.560 MHz	1.000 MHz	6.84923 GHz	-43.99 dBm	-45.56 dB	-5.56 dB

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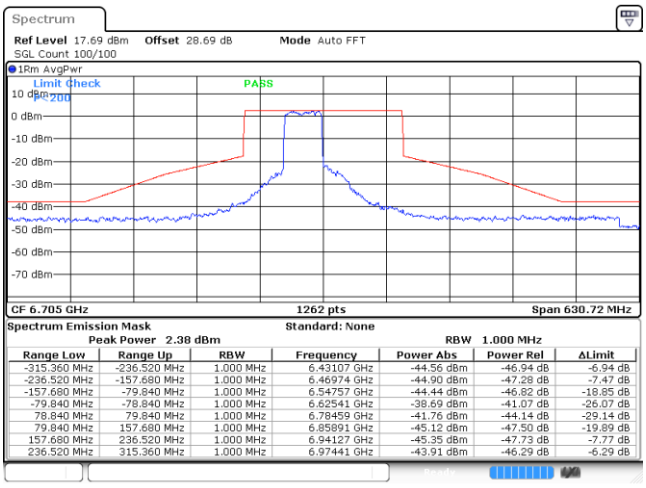
Plot on Channel 6705 MHz

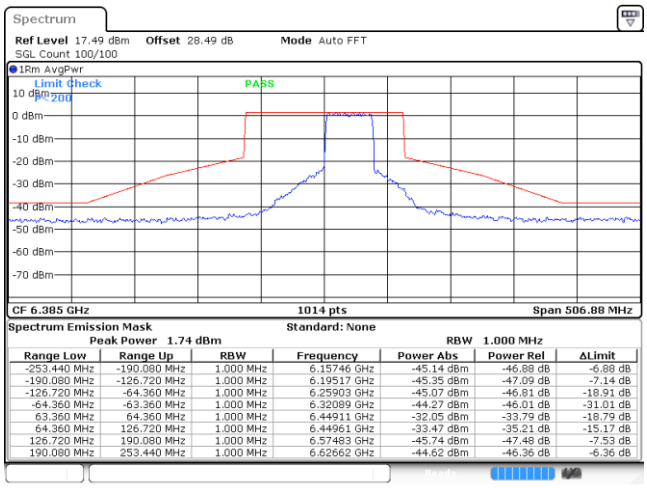


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-315.360 MHz	-236.520 MHz	1.000 MHz	6.43107 GHz	-44.56 dBm	-46.94 dB	-6.94 dB
-236.520 MHz	-157.680 MHz	1.000 MHz	6.46974 GHz	-44.90 dBm	-47.28 dB	-7.47 dB
-157.680 MHz	-79.840 MHz	1.000 MHz	6.54757 GHz	-44.44 dBm	-46.82 dB	-18.85 dB
-79.840 MHz	-78.840 MHz	1.000 MHz	6.62541 GHz	-38.69 dBm	-41.07 dB	-26.07 dB
78.840 MHz	79.840 MHz	1.000 MHz	6.78459 GHz	-41.76 dBm	-44.14 dB	-29.14 dB
79.840 MHz	157.680 MHz	1.000 MHz	6.85891 GHz	-45.12 dBm	-47.50 dB	-19.89 dB
157.680 MHz	236.520 MHz	1.000 MHz	6.94127 GHz	-45.35 dBm	-47.73 dB	-7.77 dB
236.520 MHz	315.360 MHz	1.000 MHz	6.97441 GHz	-43.91 dBm	-46.29 dB	-6.29 dB

Date: 28.SEP.2023 14:35:15

EUT Mode	802.11ax HE80 484RU66

Plot on Channel 6385 MHz



Spectrum Emission Mask — Standard: None — Peak Power 1.74 dBm — RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-253.440 MHz	-190.080 MHz	1.000 MHz	6.15746 GHz	-45.14 dBm	-46.88 dB	-6.88 dB
-190.080 MHz	-126.720 MHz	1.000 MHz	6.19517 GHz	-45.35 dBm	-47.09 dB	-7.14 dB
-126.720 MHz	-64.360 MHz	1.000 MHz	6.25903 GHz	-45.07 dBm	-46.81 dB	-18.91 dB
-64.360 MHz	-63.360 MHz	1.000 MHz	6.32089 GHz	-44.27 dBm	-46.01 dB	-31.01 dB
63.360 MHz	64.360 MHz	1.000 MHz	6.44911 GHz	-32.05 dBm	-33.79 dB	-18.79 dB
64.360 MHz	126.720 MHz	1.000 MHz	6.44961 GHz	-33.47 dBm	-35.21 dB	-15.17 dB
126.720 MHz	190.080 MHz	1.000 MHz	6.57483 GHz	-45.74 dBm	-47.48 dB	-7.53 dB
190.080 MHz	253.440 MHz	1.000 MHz	6.62662 GHz	-44.62 dBm	-46.36 dB	-6.36 dB

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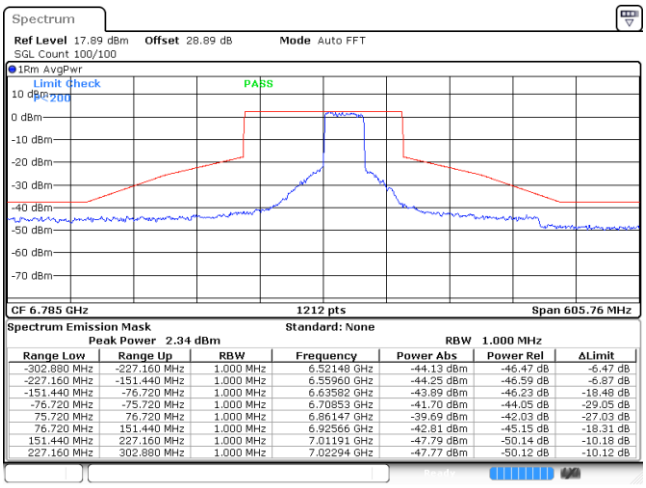
Plot on Channel 6785 MHz



Spectrum Emission Mask — Standard: None — Peak Power 2.34 dBm — RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-302.880 MHz	-227.160 MHz	1.000 MHz	6.52148 GHz	-44.13 dBm	-46.47 dB	-6.47 dB
-227.160 MHz	-151.440 MHz	1.000 MHz	6.55960 GHz	-44.25 dBm	-46.59 dB	-6.87 dB
-151.440 MHz	-76.720 MHz	1.000 MHz	6.63582 GHz	-43.89 dBm	-46.23 dB	-18.48 dB
-76.720 MHz	-75.720 MHz	1.000 MHz	6.70853 GHz	-41.70 dBm	-44.05 dB	-29.05 dB
75.720 MHz	76.720 MHz	1.000 MHz	6.86147 GHz	-39.69 dBm	-42.03 dB	-27.03 dB
76.720 MHz	151.440 MHz	1.000 MHz	6.92566 GHz	-42.81 dBm	-45.15 dB	-18.31 dB
151.440 MHz	227.160 MHz	1.000 MHz	7.01191 GHz	-47.79 dBm	-50.14 dB	-10.18 dB
227.160 MHz	302.880 MHz	1.000 MHz	7.02294 GHz	-47.77 dBm	-50.12 dB	-10.12 dB

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3.5 Unwanted Emissions Measurement

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

3.5.1 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)

3.5.2 Measuring Instruments

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

3.5.3 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

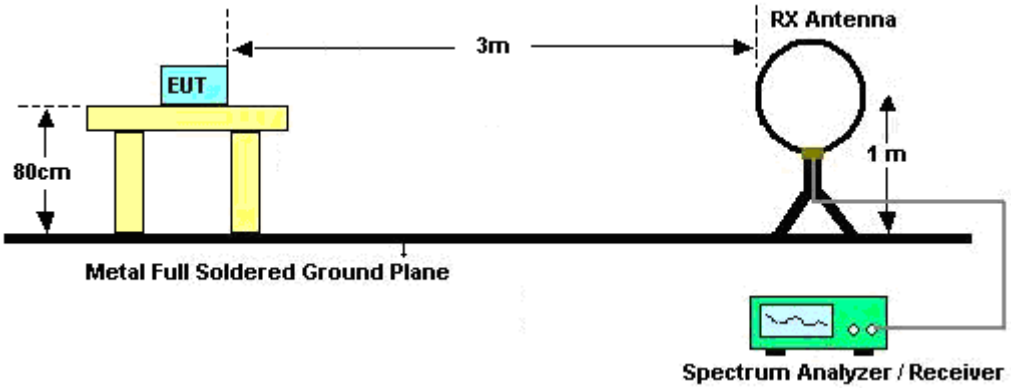
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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.

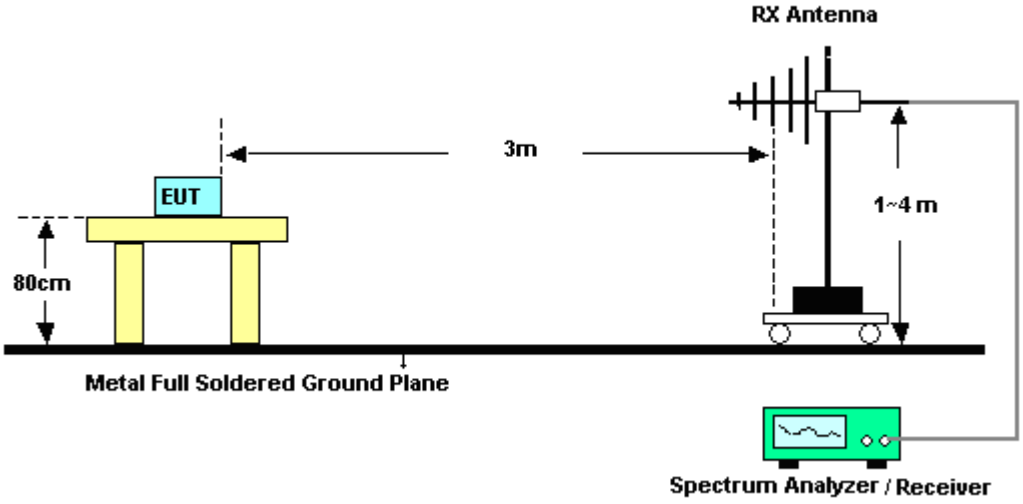
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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 “-“..

3.5.4 Test Setup

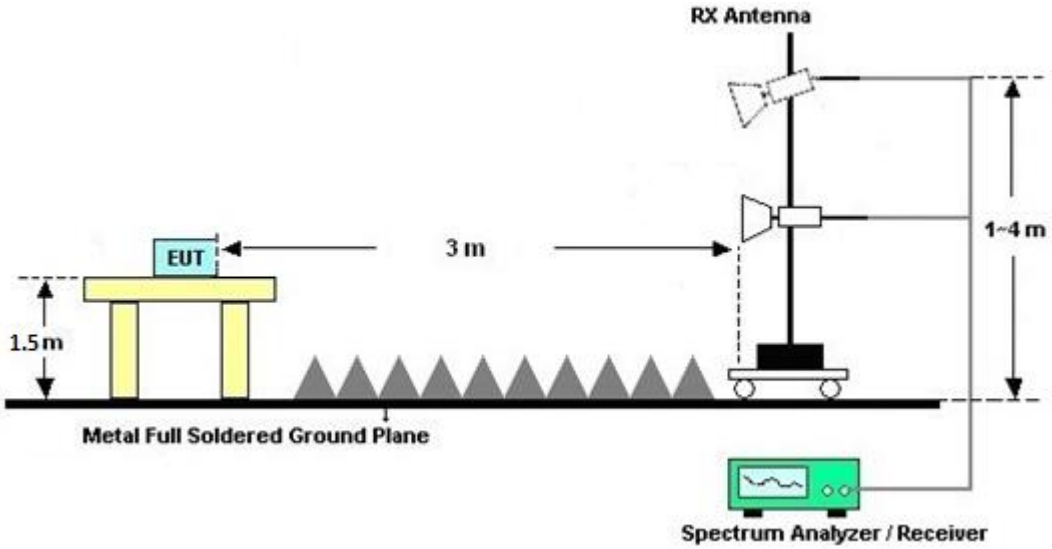
For radiated emissions below 30MHz



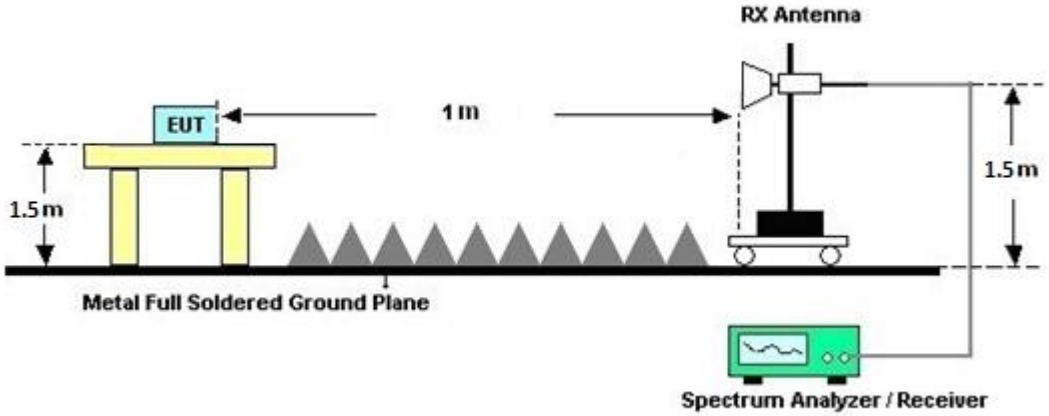
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.5.5 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.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 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.

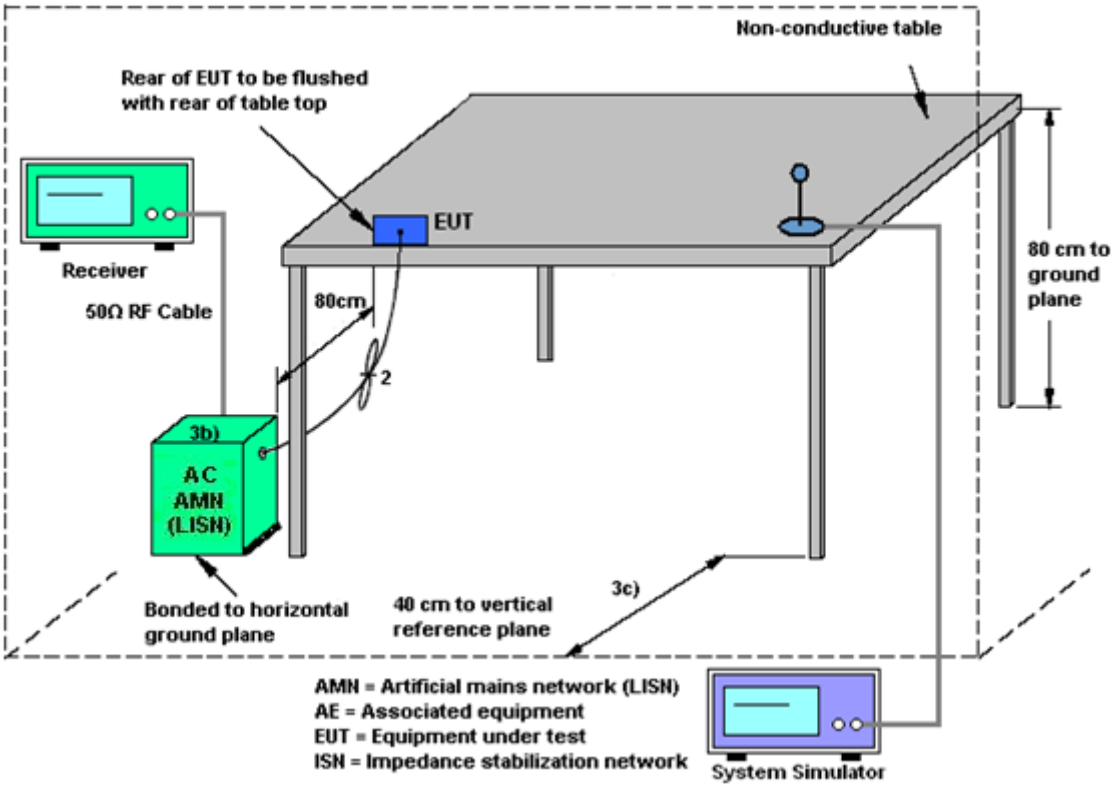
3.6.2 Measuring Instruments

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

3.6.3 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.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Jul. 27, 2023~ Nov. 06, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 07, 2023~ Dec. 02, 2023	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2301 001(NO:146)	10MHz~8GHz	Feb. 07, 2023	Jul. 27, 2023~ Dec. 02, 2023	Feb. 06, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Dec. 26, 2022	Jul. 27, 2023~ Dec. 02, 2023	Dec. 25, 2023	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9kHz~30 MHz	Feb. 28, 2023	Aug. 09, 2023~ Dec. 07, 2023	Feb. 27, 2024	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 05, 2023	Aug. 09, 2023~ Dec. 07, 2023	Feb. 04, 2024	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 23, 2023	Aug. 09, 2023~ Dec. 07, 2023	Mar. 22, 2024	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz~40GHz	Nov. 24, 2022	Aug. 09, 2023~ Nov. 22, 2023	Nov. 23, 2023	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00991	18GHz~40GHz	Jun. 01, 2023	Nov. 23, 2023~ Dec. 07, 2023	May 31, 2024	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 26, 2022	Aug. 09, 2023~ Dec. 07, 2023	Dec. 25, 2023	Radiation (03CH15-HY)
Preamplifier	EMEC	EM01G18G	060837	1GHz~18GHz	Feb. 16, 2023	Aug. 09, 2023~ Dec. 07, 2023	Feb. 15, 2024	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Mar. 03, 2023	Aug. 09, 2023~ Dec. 07, 2023	Mar. 02, 2024	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Aug. 09, 2023~ Dec. 07, 2023	Jun. 26, 2024	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Apr. 25, 2023	Aug. 09, 2023~ Dec. 07, 2023	Apr. 24, 2024	Radiation (03CH15-HY
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 20, 2023	Aug. 09, 2023~ Dec. 07, 2023	Mar. 19, 2024	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 09, 2023~ Dec. 07, 2023	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 09, 2023~ Dec. 07, 2023	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Aug. 09, 2023~ Dec. 07, 2023	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, 519228/2,803 950/2	N/A	Jun. 13, 2023	Aug. 09, 2023~ Dec. 07, 2023	Jun. 12, 2024	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Jul. 26, 2023	Aug. 09, 2023~ Dec. 07, 2023	Jul. 25, 2024	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 14, 2023	Aug. 09, 2023~ Dec. 07, 2023	Jun. 13, 2024	Radiation (03CH15-HY)
Notch Filter	Wainwright	WRCX14-5425-5825-6525-6925-60SS	SN1	N/A	Nov. 14, 2022	Aug. 09, 2023~ Nov. 12, 2023	Nov. 13, 2023	Radiation (03CH15-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN1	N/A	Jan. 07, 2023	Nov. 13, 2023~ Dec. 07, 2023	Jan. 06, 2024	Radiation (03CH15-HY)
Notch Filter	Wainwright	WRCX14-6025-6425-7125-7525-60SS	SN2	N/A	Nov. 14, 2022	Aug. 09, 2023~ Nov. 12, 2023	Nov. 13, 2023	Radiation (03CH15-HY)
Notch Filter	Wainwright	WRCX14-6025-6425-7125-7525-60SS	SN1	N/A	Jan. 06, 2023	Nov. 13, 2023~ Dec. 07, 2023	Jan. 05, 2024	Radiation (03CH15-HY)
Filter	Wainwright	WHW2-7100-10000-18000-40CC	SN2	10GHz High Pass Filter	Nov. 14, 2022	Aug. 09, 2023~ Nov. 12, 2023	Nov. 13, 2023	Radiation (03CH15-HY)
Filter	Wainwright	WHW2-7100-10000-18000-40CC	SN3	10GHz High Pass Filter	May 23, 2023	Nov. 13, 2023~ Dec. 07, 2023	May 22, 2024	Radiation (03CH15-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Sep. 28, 2023	N/A	Conduction (CO07-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))	6.30 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.20 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.40 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.20 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Henry Ke/Willy Chang	Temperature:	21~25	°C
Test Date:	2023/7/27~2023/12/2	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	25.37	23.23	39.48	37.44	320.00	Pass
11a	6Mbps	2	049	6195	36.56	30.67	49.44	46.50	320.00	Pass
11a	6Mbps	2	093	6415	35.16	34.27	49.92	49.50	320.00	Pass

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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	19.00	18.20	21.63	-2.70		18.93	30.00	Pass
11a	6Mbps	2	049	6195	20.00	19.50	22.77	-2.70		20.07	30.00	Pass
11a	6Mbps	2	093	6415	20.00	19.00	22.54	-2.70		19.84	30.00	Pass

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			11.96	-0.22		11.74	17.00	Pass
11a	6Mbps	2	049	6195	0.29	0.29			12.38	-0.22		12.16	17.00	Pass
11a	6Mbps	2	093	6415	0.29	0.29			12.05	-0.22		11.83	17.00	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	32.07	36.36	51.18	49.38	320.00	Pass
11a	6Mbps	2	149	6695	34.27	34.07	49.80	49.32	320.00	Pass
11a	6Mbps	2	181	6855	32.67	33.57	50.04	49.38	320.00	Pass

Report Number : FR380307G

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	20.00	18.50	22.32	-4.10		18.22	30.00	Pass
11a	6Mbps	2	149	6695	20.00	18.40	22.28	-4.10		18.18	30.00	Pass
11a	6Mbps	2	181	6855	19.70	18.60	22.20	-4.10		18.10	30.00	Pass

Report Number : FR380307G

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			12.46	-1.09		11.37	17.00	Pass
11a	6Mbps	2	149	6695	0.29	0.29			12.39	-1.09		11.30	17.00	Pass
11a	6Mbps	2	181	6855	0.29	0.29			12.06	-1.09		10.97	17.00	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	25.47	21.83	43.98	42.78	320.00	Pass
HE20	MCS0	2	049	6195	Full	26.42	21.58	41.88	40.20	320.00	Pass
HE20	MCS0	2	093	6415	Full	38.96	38.26	49.92	45.72	320.00	Pass
HE40	MCS0	2	003	5965	Full	38.36	38.06	64.20	57.00	320.00	Pass
HE40	MCS0	2	051	6205	Full	39.06	38.16	68.04	54.48	320.00	Pass
HE40	MCS0	2	091	6405	Full	42.06	38.76	80.16	67.80	320.00	Pass
HE80	MCS0	2	007	5985	Full	76.96	76.84	108.96	93.12	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.56	77.20	142.80	119.76	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.80	77.44	154.80	126.72	320.00	Pass

Report Number : FR380307G

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	19.00	18.20	21.63	-2.70		18.93	30.00	Pass
HE20	MCS0	2	001	5955	26/0	11.60	10.20	13.97	-2.70		11.27	30.00	Pass
HE20	MCS0	2	001	5955	52/37	14.60	13.30	17.01	-2.70		14.31	30.00	Pass
HE20	MCS0	2	001	5955	106/53	17.80	16.60	20.25	-2.70		17.55	30.00	Pass
HE20	MCS0	2	049	6195	Full	19.00	18.20	21.63	-2.70		18.93	30.00	Pass
HE20	MCS0	2	049	6195	26/4	13.10	11.00	15.19	-2.70		12.49	30.00	Pass
HE20	MCS0	2	049	6195	52/38	14.70	13.50	17.15	-2.70		14.45	30.00	Pass
HE20	MCS0	2	049	6195	106/53	17.70	16.60	20.20	-2.70		17.50	30.00	Pass
HE20	MCS0	2	093	6415	Full	19.00	18.10	21.58	-2.70		18.88	30.00	Pass
HE20	MCS0	2	093	6415	26/8	11.50	10.20	13.91	-2.70		11.21	30.00	Pass
HE20	MCS0	2	093	6415	52/40	14.30	13.60	16.97	-2.70		14.27	30.00	Pass
HE20	MCS0	2	093	6415	106/54	17.20	16.70	19.97	-2.70		17.27	30.00	Pass
HE40	MCS0	2	003	5965	Full	18.00	17.00	20.54	-2.70		17.84	30.00	Pass
HE40	MCS0	2	003	5965	242/61	15.40	16.10	18.77	-2.70		16.07	30.00	Pass
HE40	MCS0	2	051	6205	Full	18.00	17.10	20.58	-2.70		17.88	30.00	Pass
HE40	MCS0	2	051	6205	242/61	16.00	16.90	19.48	-2.70		16.78	30.00	Pass
HE40	MCS0	2	091	6405	Full	18.00	17.40	20.72	-2.70		18.02	30.00	Pass
HE40	MCS0	2	091	6405	242/62	16.00	16.50	19.27	-2.70		16.57	30.00	Pass
HE80	MCS0	2	007	5985	Full	17.50	16.60	20.08	-2.70		17.38	30.00	Pass
HE80	MCS0	2	007	5985	484/65	14.90	15.90	18.44	-2.70		15.74	30.00	Pass
HE80	MCS0	2	055	6225	Full	18.00	17.30	20.67	-2.70		17.97	30.00	Pass
HE80	MCS0	2	055	6225	484/65	16.00	16.60	19.32	-2.70		16.62	30.00	Pass
HE80	MCS0	2	087	6385	Full	17.80	17.30	20.57	-2.70		17.87	30.00	Pass
HE80	MCS0	2	087	6385	484/66	15.50	15.80	18.66	-2.70		15.96	30.00	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			11.35	-0.22		11.13	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.59	0.59			11.01	-0.22		10.79	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.53	0.53			11.20	-0.22		10.98	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.59	0.59			11.08	-0.22		10.86	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.40	0.40			11.60	-0.22		11.38	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.59	0.59			11.40	-0.22		11.18	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.53	0.53			11.41	-0.22		11.19	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.59	0.59			11.33	-0.22		11.10	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.40	0.40			11.59	-0.22		11.37	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.59	0.59			11.22	-0.22		10.99	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.53	0.53			11.19	-0.22		10.97	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.59	0.59			11.30	-0.22		11.08	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.40	0.40			6.84	-0.22		6.62	17.00	Pass
HE40	MCS0	2	003	5965	242/61	0.68	0.68			6.51	-0.22		6.29	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.40	0.40			7.40	-0.22		7.18	17.00	Pass
HE40	MCS0	2	051	6205	242/61	0.68	0.68			7.32	-0.22		7.10	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.40	0.40			7.51	-0.22		7.29	17.00	Pass
HE40	MCS0	2	091	6405	242/62	0.68	0.68			7.43	-0.22		7.21	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.54	0.54			3.75	-0.22		3.53	17.00	Pass
HE80	MCS0	2	007	5985	484/65	0.69	0.69			3.40	-0.22		3.18	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.54	0.54			4.66	-0.22		4.44	17.00	Pass
HE80	MCS0	2	055	6225	484/65	0.69	0.69			4.33	-0.22		4.11	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.54	0.54			4.41	-0.22		4.18	17.00	Pass
HE80	MCS0	2	087	6385	484/66	0.69	0.69			4.40	-0.22		4.18	17.00	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	38.26	39.76	46.74	49.92	320.00	Pass
HE20	MCS0	2	149	6695	Full	26.82	29.42	45.36	46.14	320.00	Pass
HE20	MCS0	2	181	6855	Full	28.47	28.77	44.82	45.84	320.00	Pass
HE40	MCS0	2	123	6565	Full	39.86	42.06	80.04	77.28	320.00	Pass
HE40	MCS0	2	147	6685	Full	38.96	43.36	75.48	76.08	320.00	Pass
HE40	MCS0	2	179	6845	Full	43.36	44.86	77.16	76.56	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.20	77.56	115.68	131.28	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.56	77.92	139.68	157.68	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.56	77.68	135.12	151.44	320.00	Pass

Report Number : FR380307G

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	19.00	18.30	21.67	-4.10		17.57	30.00	Pass
HE20	MCS0	2	117	6535	26/0	11.20	10.50	13.87	-4.10		9.77	30.00	Pass
HE20	MCS0	2	117	6535	52/37	14.20	13.70	16.97	-4.10		12.87	30.00	Pass
HE20	MCS0	2	117	6535	106/53	17.50	17.10	20.31	-4.10		16.21	30.00	Pass
HE20	MCS0	2	149	6695	Full	18.90	18.10	21.53	-4.10		17.43	30.00	Pass
HE20	MCS0	2	149	6695	26/4	12.40	11.80	15.12	-4.10		11.02	30.00	Pass
HE20	MCS0	2	149	6695	52/38	14.40	13.60	17.03	-4.10		12.93	30.00	Pass
HE20	MCS0	2	149	6695	106/53	17.50	16.60	20.08	-4.10		15.98	30.00	Pass
HE20	MCS0	2	181	6855	Full	18.80	18.30	21.57	-4.10		17.47	30.00	Pass
HE20	MCS0	2	181	6855	26/8	11.60	10.40	14.05	-4.10		9.95	30.00	Pass
HE20	MCS0	2	181	6855	52/40	14.40	13.80	17.12	-4.10		13.02	30.00	Pass
HE20	MCS0	2	181	6855	106/54	17.20	16.50	19.87	-4.10		15.77	30.00	Pass
HE40	MCS0	2	123	6565	Full	17.90	17.60	20.76	-4.10		16.66	30.00	Pass
HE40	MCS0	2	123	6565	242/61	15.70	16.50	19.13	-4.10		15.03	30.00	Pass
HE40	MCS0	2	147	6685	Full	17.90	17.40	20.67	-4.10		16.57	30.00	Pass
HE40	MCS0	2	147	6685	242/61	15.60	16.50	19.08	-4.10		14.98	30.00	Pass
HE40	MCS0	2	179	6845	Full	18.00	17.50	20.77	-4.10		16.67	30.00	Pass
HE40	MCS0	2	179	6845	242/62	15.50	15.90	18.71	-4.10		14.61	30.00	Pass
HE80	MCS0	2	135	6625	Full	17.50	17.10	20.31	-4.10		16.21	30.00	Pass
HE80	MCS0	2	135	6625	484/65	14.60	15.70	18.20	-4.10		14.10	30.00	Pass
HE80	MCS0	2	151	6705	Full	17.80	17.50	20.66	-4.10		16.56	30.00	Pass
HE80	MCS0	2	151	6705	484/65	15.30	16.50	18.95	-4.10		14.85	30.00	Pass
HE80	MCS0	2	167	6785	Full	17.90	17.20	20.57	-4.10		16.47	30.00	Pass
HE80	MCS0	2	167	6785	484/66	15.00	16.20	18.65	-4.10		14.55	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

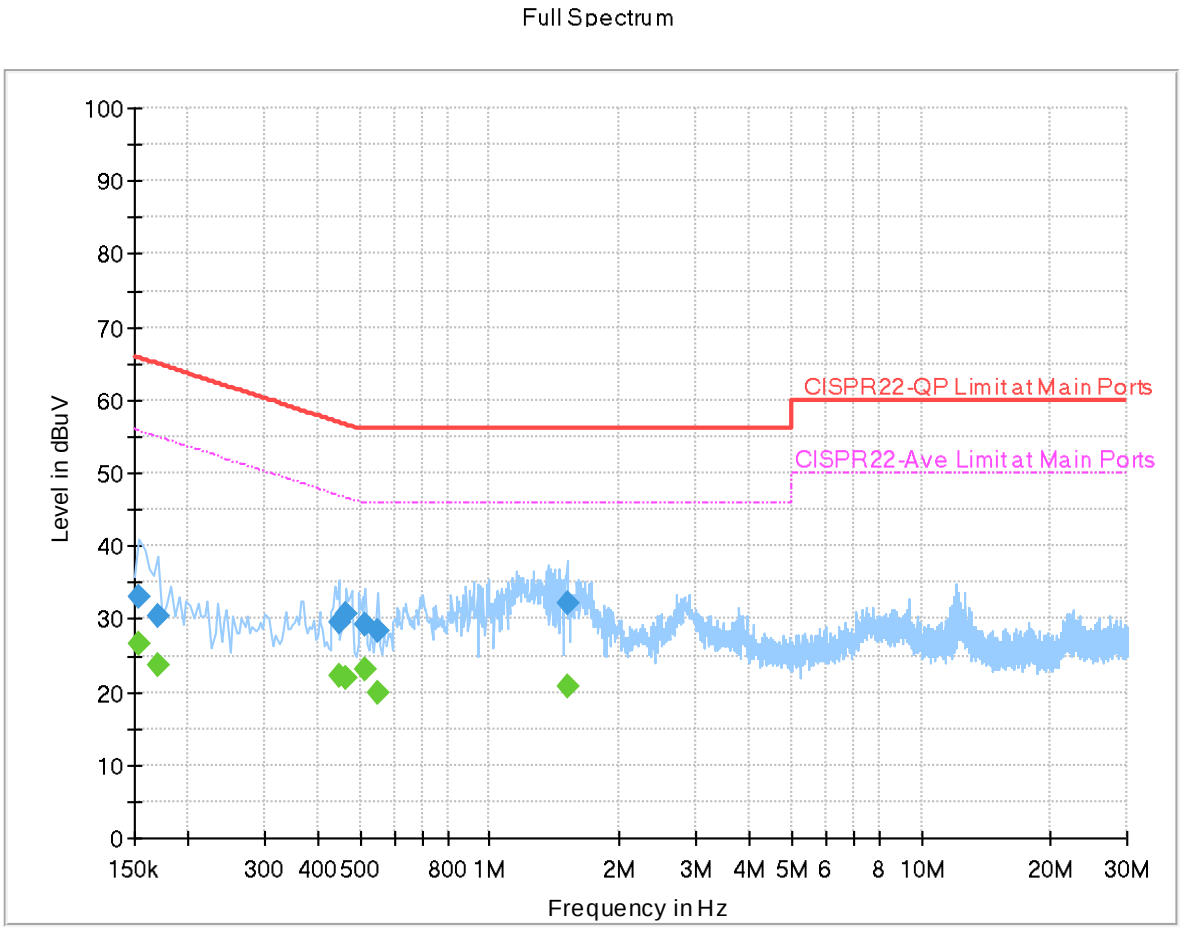
U-NII-7 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	0.40	0.40			11.55	-1.09		10.46	17.00	Pass
HE20	MCS0	2	117	6535	26/0	0.59	0.59			11.29	-1.09		10.20	17.00	Pass
HE20	MCS0	2	117	6535	52/37	0.53	0.53			11.10	-1.09		10.01	17.00	Pass
HE20	MCS0	2	117	6535	106/53	0.59	0.59			11.17	-1.09		10.08	17.00	Pass
HE20	MCS0	2	149	6695	Full	0.40	0.40			11.39	-1.09		10.30	17.00	Pass
HE20	MCS0	2	149	6695	26/4	0.59	0.59			11.25	-1.09		10.16	17.00	Pass
HE20	MCS0	2	149	6695	52/38	0.53	0.53			11.25	-1.09		10.16	17.00	Pass
HE20	MCS0	2	149	6695	106/53	0.59	0.59			11.30	-1.09		10.21	17.00	Pass
HE20	MCS0	2	181	6855	Full	0.40	0.40			11.24	-1.09		10.15	17.00	Pass
HE20	MCS0	2	181	6855	26/8	0.59	0.59			11.11	-1.09		10.02	17.00	Pass
HE20	MCS0	2	181	6855	52/40	0.53	0.53			10.82	-1.09		9.73	17.00	Pass
HE20	MCS0	2	181	6855	106/54	0.59	0.59			10.96	-1.09		9.87	17.00	Pass
HE40	MCS0	2	123	6565	Full	0.40	0.40			7.62	-1.09		6.53	17.00	Pass
HE40	MCS0	2	123	6565	242/61	0.68	0.68			7.49	-1.09		6.40	17.00	Pass
HE40	MCS0	2	147	6685	Full	0.40	0.40			7.55	-1.09		6.46	17.00	Pass
HE40	MCS0	2	147	6685	242/61	0.68	0.68			7.54	-1.09		6.45	17.00	Pass
HE40	MCS0	2	179	6845	Full	0.40	0.40			7.49	-1.09		6.40	17.00	Pass
HE40	MCS0	2	179	6845	242/62	0.68	0.68			7.28	-1.09		6.19	17.00	Pass
HE80	MCS0	2	135	6625	Full	0.54	0.54			4.09	-1.09		3.00	17.00	Pass
HE80	MCS0	2	135	6625	484/65	0.69	0.69			3.73	-1.09		2.64	17.00	Pass
HE80	MCS0	2	151	6705	Full	0.54	0.54			4.75	-1.09		3.66	17.00	Pass
HE80	MCS0	2	151	6705	484/65	0.69	0.69			4.43	-1.09		3.34	17.00	Pass
HE80	MCS0	2	167	6785	Full	0.54	0.54			4.60	-1.09		3.51	17.00	Pass
HE80	MCS0	2	167	6785	484/66	0.69	0.69			4.59	-1.09		3.50	17.00	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 :	380307
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

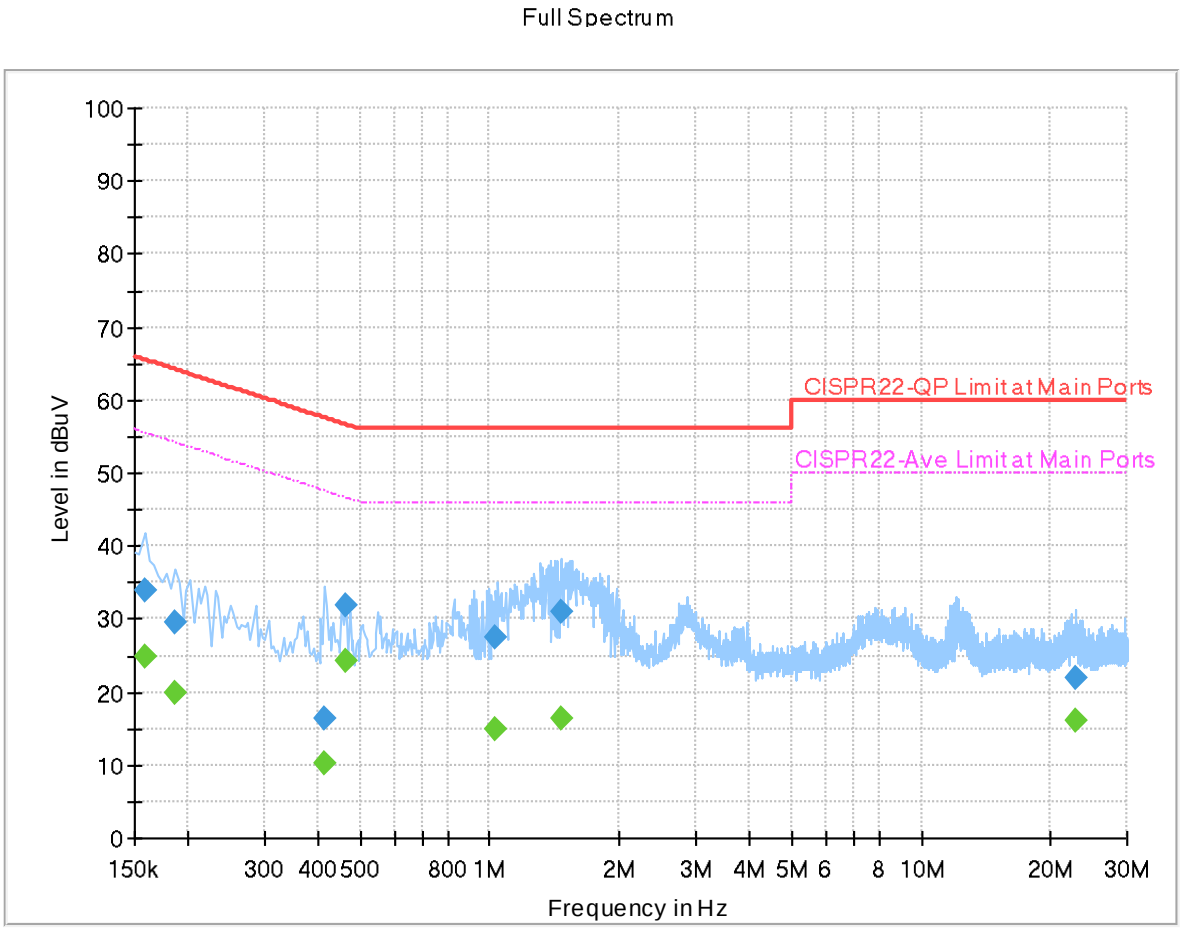


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	---	26.67	55.78	29.11	L1	OFF	19.9
0.154000	33.02	---	65.78	32.76	L1	OFF	19.9
0.170000	---	23.55	54.96	31.41	L1	OFF	19.9
0.170000	30.45	---	64.96	34.51	L1	OFF	19.9
0.446000	---	22.24	46.95	24.71	L1	OFF	20.0
0.446000	29.59	---	56.95	27.36	L1	OFF	20.0
0.466000	---	21.89	46.59	24.70	L1	OFF	20.0
0.466000	30.62	---	56.59	25.97	L1	OFF	20.0
0.514000	---	23.12	46.00	22.88	L1	OFF	20.0
0.514000	29.35	---	56.00	26.65	L1	OFF	20.0
0.550000	---	19.97	46.00	26.03	L1	OFF	20.0
0.550000	28.50	---	56.00	27.50	L1	OFF	20.0
1.510000	---	20.79	46.00	25.21	L1	OFF	20.0
1.510000	32.18	---	56.00	23.82	L1	OFF	20.0

EUT Information

Report NO :	380307
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)
0.158000	---	24.80	55.57	30.77	N	OFF	19.9
0.158000	33.92	---	65.57	31.65	N	OFF	19.9
0.186000	---	19.74	54.21	34.47	N	OFF	19.9
0.186000	29.58	---	64.21	34.63	N	OFF	19.9
0.414000	---	10.35	47.57	37.22	N	OFF	20.0
0.414000	16.29	---	57.57	41.28	N	OFF	20.0
0.466000	---	24.40	46.59	22.19	N	OFF	20.0
0.466000	31.99	---	56.59	24.60	N	OFF	20.0
1.034000	---	14.78	46.00	31.22	N	OFF	20.0
1.034000	27.49	---	56.00	28.51	N	OFF	20.0
1.470000	---	16.34	46.00	29.66	N	OFF	20.0
1.470000	31.04	---	56.00	24.96	N	OFF	20.0
22.706000	---	16.13	50.00	33.87	N	OFF	20.2
22.706000	21.81	---	60.00	38.19	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Bigshow Wang and Quentin Liu	Temperature :	22.0~22.9°C
		Relative Humidity :	50~60%

Band 5 - 5925~6425MHz

WIFI 802.11a (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)
802.11a CH 01 5955MHz		5924.3	70.56	-17.64	88.2	64.03	34.15	8.91	36.53	100	238	P	H
		5924.15	63.28	-4.92	68.2	56.75	34.15	8.91	36.53	100	238	A	H
	*	5955	109.25	-	-	102.76	34.09	8.93	36.53	100	238	P	H
	*	5955	103.74	-	-	97.25	34.09	8.93	36.53	100	238	A	H
													H
													H
		5924.45	72.45	-15.75	88.2	65.92	34.15	8.91	36.53	337	261	P	V
		5925	65.23	-2.97	68.2	58.7	34.15	8.91	36.53	337	261	A	V
	*	5955	111.93	-	-	105.44	34.09	8.93	36.53	337	261	P	V
	*	5955	105.33	-	-	98.84	34.09	8.93	36.53	337	261	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11a (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)
802.11a CH 01 5955MHz		11910	46.08	-27.92	74	50.94	39.07	12.92	56.85	-	-	P	H
		17865	56.78	-17.22	74	56.81	41.07	15.82	56.92	-	-	P	H
		17865	45.93	-8.07	54	45.96	41.07	15.82	56.92	-	-	A	H
													H
													H
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													H
													H
													H
		11910	46.28	-27.72	74	51.14	39.07	12.92	56.85	-	-	P	V
		17865	55.5	-18.5	74	55.53	41.07	15.82	56.92	-	-	P	V
		17865	45.99	-8.01	54	46.02	41.07	15.82	56.92	-	-	A	V
													V
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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)
		12390	47.6	-26.4	74	51.98	39.1	13.09	56.57	-	-	P	H
		18585	36.11	-37.89	74	57.24	37.93	-3.51	55.55	-	-	P	H
													H
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													H
													H
													H
													H
802.11a CH 49 6195MHz													H
		12390	46.22	-27.78	74	50.6	39.1	13.09	56.57	-	-	P	V
		18585	35.41	-38.59	74	56.54	37.93	-3.51	55.55	-	-	P	V
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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)
		12830	47.15	-41.05	88.2	50.83	39.6	13.22	56.5	-	-	P	H
		19245	35.28	-38.72	74	55.62	38.2	-3.34	55.2	-	-	P	H
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802.11a CH 93 6415MHz													H
		12830	46.9	-41.3	88.2	50.58	39.6	13.22	56.5	-	-	P	V
		19245	35.9	-38.1	74	56.24	38.2	-3.34	55.2	-	-	P	V
													V
													V
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													V
													V
													V
													V
													V

Remark

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

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)
		5922.35	69.57	-18.63	88.2	63.03	34.16	8.91	36.53	100	239	P	H
		5924.45	63.81	-4.39	68.2	57.28	34.15	8.91	36.53	100	239	A	H
	*	5955	109.6	-	-	103.11	34.09	8.93	36.53	100	239	P	H
	*	5955	102.55	-	-	96.06	34.09	8.93	36.53	100	239	A	H
802.11ax													H
HE20 Full													H
CH 01		5924.6	72.16	-16.04	88.2	65.63	34.15	8.91	36.53	338	257	P	V
5955MHz		5925	65.48	-2.72	68.2	58.95	34.15	8.91	36.53	338	257	A	V
	*	5955	109.79	-	-	103.3	34.09	8.93	36.53	338	257	P	V
	*	5955	103.62	-	-	97.13	34.09	8.93	36.53	338	257	A	V
													V
													V

Remark

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

Band 5 - 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 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)
		11910	46.14	-27.86	74	51	39.07	12.92	56.85	-	-	P	H
		17865	55.23	-18.77	74	55.26	41.07	15.82	56.92	-	-	P	H
		17865	46.08	-7.92	54	46.11	41.07	15.82	56.92	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		11910	47.36	-26.64	74	52.22	39.07	12.92	56.85	-	-	P	V
5955MHz		17865	55.87	-18.13	74	55.9	41.07	15.82	56.92	-	-	P	V
		17865	46.14	-7.86	54	46.17	41.07	15.82	56.92	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		12390	46.95	-27.05	74	51.33	39.1	13.09	56.57	-	-	P	H
		18585	37.19	-36.81	74	58.32	37.93	-3.51	55.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		12390	45.63	-28.37	74	50.01	39.1	13.09	56.57	-	-	P	V
6195MHz		18585	37.42	-36.58	74	58.55	37.93	-3.51	55.55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		12830	47.8	-40.4	88.2	51.48	39.6	13.22	56.5	-	-	P	H
		19245	36.5	-37.5	74	56.84	38.2	-3.34	55.2	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	46.43	-41.77	88.2	50.11	39.6	13.22	56.5	-	-	P	V
6415MHz		19245	37.17	-36.83	74	57.51	38.2	-3.34	55.2	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 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)
802.11ax HE20 Partial 26/0 CH 01 5955MHz		5901.95	48.73	-39.47	88.2	42.16	34.2	8.9	36.53	100	239	P	H
		5882.3	38.77	-29.43	68.2	32.25	34.16	8.89	36.53	100	239	A	H
	*	5955	106.07	-	-	99.58	34.09	8.93	36.53	100	239	P	H
	*	5955	97.83	-	-	91.34	34.09	8.93	36.53	100	239	A	H
													H
													H
		5877.5	48.54	-39.66	88.2	42.03	34.15	8.89	36.53	338	257	P	V
		5870.6	38.74	-29.46	68.2	32.26	34.14	8.88	36.54	338	257	A	V
	*	5955	107.44	-	-	100.95	34.09	8.93	36.53	338	257	P	V
	*	5955	100.09	-	-	93.6	34.09	8.93	36.53	338	257	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 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)
		5924.3	49.36	-38.84	88.2	42.83	34.15	8.91	36.53	100	239	P	H
		5915.9	38.89	-29.31	68.2	32.34	34.17	8.91	36.53	100	239	A	H
	*	5955	106.62	-	-	100.13	34.09	8.93	36.53	100	239	P	H
802.11ax	*	5955	98.25	-	-	91.76	34.09	8.93	36.53	100	239	A	H
HE20													H
Partial													H
52/37		5923.4	49.72	-38.48	88.2	43.19	34.15	8.91	36.53	338	257	P	V
CH 01		5918	39.57	-28.63	68.2	33.03	34.16	8.91	36.53	338	257	A	V
5955MHz	*	5955	107.5	-	-	101.01	34.09	8.93	36.53	338	257	P	V
	*	5955	100.23	-	-	93.74	34.09	8.93	36.53	338	257	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 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)
		5923.25	49.72	-38.48	88.2	43.19	34.15	8.91	36.53	100	239	P	H
		5892.8	39.03	-29.17	68.2	32.47	34.19	8.9	36.53	100	239	A	H
	*	5955	93.57	-	-	87.08	34.09	8.93	36.53	100	239	P	H
802.11ax	*	5955	85.79	-	-	79.3	34.09	8.93	36.53	100	239	A	H
HE20													H
Partial													H
106/53		5880.35	48.93	-39.27	88.2	42.41	34.16	8.89	36.53	338	257	P	V
CH 01		5921.6	38.94	-29.26	68.2	32.4	34.16	8.91	36.53	338	257	A	V
5955MHz	*	5955	96.11	-	-	89.62	34.09	8.93	36.53	338	257	P	V
	*	5955	88.17	-	-	81.68	34.09	8.93	36.53	338	257	A	V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 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)
		5921.73	69.14	-19.06	88.2	62.6	34.16	8.91	36.53	100	238	P	H
		5923.7	62.58	-5.62	68.2	56.05	34.15	8.91	36.53	100	238	A	H
	*	5965	106.76	-	-	100.27	34.07	8.94	36.52	100	238	P	H
	*	5965	97.95	-	-	91.46	34.07	8.94	36.52	100	238	A	H
802.11ax													H
HE40 Full													H
CH 03		5924.62	72.02	-16.18	88.2	65.49	34.15	8.91	36.53	305	257	P	V
5965MHz		5924.6	64.75	-3.45	68.2	58.22	34.15	8.91	36.53	305	257	A	V
	*	5965	106.28	-	-	99.79	34.07	8.94	36.52	305	257	P	V
	*	5965	99.71	-	-	93.22	34.07	8.94	36.52	305	257	A	V
													V
													V

Remark

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

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 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)
		11930	46.09	-27.91	74	51.14	38.86	12.93	56.84	-	-	P	H
		17895	57.93	-16.07	74	57.52	41.43	15.83	56.85	-	-	P	H
		17895	48.21	-5.79	54	47.8	41.43	15.83	56.85	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		11930	46.53	-27.47	74	51.58	38.86	12.93	56.84	-	-	P	V
5965MHz		17895	57.22	-16.78	74	56.81	41.43	15.83	56.85	-	-	P	V
		17895	48.25	-5.75	54	47.84	41.43	15.83	56.85	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		12410	45.75	-28.25	74	50.1	39.1	13.1	56.55	-	-	P	H
		18615	37.39	-36.61	74	58.51	37.91	-3.5	55.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	46.31	-27.69	74	50.66	39.1	13.1	56.55	-	-	P	V
6205MHz		18615	36.91	-37.09	74	58.03	37.91	-3.5	55.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		12810	47.49	-40.71	88.2	51.18	39.6	13.21	56.5	-	-	P	H
		19215	36.37	-37.63	74	56.73	38.2	-3.35	55.21	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	46.69	-41.51	88.2	50.38	39.6	13.21	56.5	-	-	P	V
6405MHz		19215	36.45	-37.55	74	56.81	38.2	-3.35	55.21	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

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)
		5923.91	69.47	-18.73	88.2	62.94	34.15	8.91	36.53	100	238	P	H
		5924.26	63.16	-5.04	68.2	56.63	34.15	8.91	36.53	100	238	A	H
	*	5985	102.65	-	-	96.19	34.03	8.95	36.52	100	238	P	H
	*	5985	94.72	-	-	88.26	34.03	8.95	36.52	100	238	A	H
802.11ax													H
HE80 Full													H
CH 07		5924.12	71.81	-16.39	88.2	65.28	34.15	8.91	36.53	321	257	P	V
5985MHz		5924.96	64.65	-3.55	68.2	58.12	34.15	8.91	36.53	321	257	A	V
	*	5985	101.87	-	-	95.41	34.03	8.95	36.52	321	257	P	V
	*	5985	95.68	-	-	89.22	34.03	8.95	36.52	321	257	A	V
													V
													V

Remark

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

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 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	45.78	-28.22	74	50.67	38.98	12.95	56.82	-	-	P	H
		17955	56.28	-17.72	74	55.21	41.92	15.86	56.71	-	-	P	H
		17955	46.95	-7.05	54	45.88	41.92	15.86	56.71	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		11970	46.16	-27.84	74	51.05	38.98	12.95	56.82	-	-	P	V
5985MHz		17955	56.34	-17.66	74	55.27	41.92	15.86	56.71	-	-	P	V
		17955	47	-7	54	45.93	41.92	15.86	56.71	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													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	46.24	-27.76	74	50.57	39.1	13.1	56.53	-	-	P	H
		18675	37.23	-36.77	74	58.35	37.86	-3.49	55.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	46.25	-27.75	74	50.58	39.1	13.1	56.53	-	-	P	V
6225MHz		18675	37.62	-36.38	74	58.74	37.86	-3.49	55.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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	46.56	-41.64	88.2	50.38	39.48	13.2	56.5	-	-	P	H
		19155	34.68	-39.32	74	55.1	38.2	-3.38	55.24	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12770	46.27	-41.93	88.2	50.09	39.48	13.2	56.5	-	-	P	V
6385MHz		19155	35.96	-38.04	74	56.38	38.2	-3.38	55.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11a (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)
802.11a CH 117 6535MHz		13070	46.57	-41.63	88.2	50.37	39.36	13.34	56.5	-	-	P	H
		19605	36.93	-37.07	74	57.29	37.97	-3.27	55.06	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13070	47.27	-40.93	88.2	51.07	39.36	13.34	56.5	-	-	P	V
		19605	37.15	-36.85	74	57.51	37.97	-3.27	55.06	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		13390	47.9	-26.1	74	51.05	39.7	13.65	56.5	-	-	P	H
		20085	37.16	-36.84	74	57.37	38.04	-3.35	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 149 6695MHz													H
		13390	47.61	-26.39	74	50.76	39.7	13.65	56.5	-	-	P	V
		20085	36.74	-37.26	74	56.95	38.04	-3.35	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		13710	49.31	-38.89	88.2	51.78	40.12	13.95	56.54	-	-	P	H
		20565	40.89	-33.11	74	60.59	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 181 6855MHz													H
		13710	49.99	-38.21	88.2	52.46	40.12	13.95	56.54	-	-	P	V
		20565	39.56	-34.44	74	59.26	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 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)
		13070	46.9	-41.3	88.2	50.7	39.36	13.34	56.5	-	-	P	H
		19605	37.98	-36.02	74	58.34	37.97	-3.27	55.06	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	46.09	-42.11	88.2	49.89	39.36	13.34	56.5	-	-	P	V
6535MHz		19605	37.07	-36.93	74	57.43	37.97	-3.27	55.06	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		13390	47.84	-26.16	74	50.99	39.7	13.65	56.5	-	-	P	H
		20085	37.04	-36.96	74	57.25	38.04	-3.35	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	47.09	-26.91	74	50.24	39.7	13.65	56.5	-	-	P	V
6695MHz		20085	37.3	-36.7	74	57.51	38.04	-3.35	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		13710	49.36	-38.84	88.2	51.83	40.12	13.95	56.54	-	-	P	H
		20565	40.16	-33.84	74	59.86	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		13710	49.89	-38.31	88.2	52.36	40.12	13.95	56.54	-	-	P	V
6855MHz		20565	39.67	-34.33	74	59.37	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 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)
		13130	46.49	-41.71	88.2	50.23	39.36	13.4	56.5	-	-	P	H
		19695	37.15	-36.85	74	57.59	37.87	-3.29	55.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	46.77	-41.43	88.2	50.51	39.36	13.4	56.5	-	-	P	V
6565MHz		19695	37.88	-36.12	74	58.32	37.87	-3.29	55.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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)
		13370	47.95	-26.05	74	51.13	39.7	13.62	56.5	-	-	P	H
		20055	37.04	-36.96	74	57.3	37.99	-3.35	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	48.75	-25.25	74	51.93	39.7	13.62	56.5	-	-	P	V
6685MHz		13370	39.78	-14.22	54	42.96	39.7	13.62	56.5	-	-	P	V
		20055	37.47	-36.53	74	57.73	37.99	-3.35	54.9	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													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)
		13690	49.9	-38.3	88.2	52.42	40.08	13.94	56.54	-	-	P	H
		20535	39.33	-34.67	74	59.06	38.43	-3.27	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 179		13690	49.84	-38.36	88.2	52.36	40.08	13.94	56.54	-	-	P	V
6845MHz		20535	40.3	-33.7	74	60.03	38.43	-3.27	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

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	47.33	-26.67	74	51.02	39.3	13.51	56.5	-	-	P	H
		19875	37.63	-36.37	74	58.06	37.85	-3.33	54.95	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	46.92	-27.08	74	50.61	39.3	13.51	56.5	-	-	P	V
6625MHz		19875	37.95	-36.05	74	58.38	37.85	-3.33	54.95	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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	47.51	-40.69	88.2	50.63	39.72	13.66	56.5	-	-	P	H
		20115	38.35	-35.65	74	58.51	38.08	-3.34	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	46.77	-41.43	88.2	49.89	39.72	13.66	56.5	-	-	P	V
6705MHz		20115	37.45	-36.55	74	57.61	38.08	-3.34	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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	49.82	-38.38	88.2	52.41	40.1	13.82	56.51	-	-	P	H
		20355	38.59	-35.41	74	58.45	38.34	-3.3	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 167		13570	49.54	-38.66	88.2	52.13	40.1	13.82	56.51	-	-	P	V
6785MHz		20355	38.07	-35.93	74	57.93	38.34	-3.3	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE40 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 HE40 Full LF		30.18	22.94	-17.06	40	30.24	24.37	0.72	32.39	-	-	P	H
		55.02	23.7	-16.3	40	42.66	12.51	0.98	32.45	-	-	P	H
		89.22	26.22	-17.28	43.5	42.8	14.57	1.26	32.41	-	-	P	H
		462.4	25.41	-20.59	46	31.83	23.39	2.59	32.4	-	-	P	H
		667.2	28.99	-17.01	46	31.96	26.29	3.11	32.37	-	-	P	H
		808.8	30.34	-15.66	46	31.18	27.76	3.42	32.02	-	-	P	H
													H
													H
													H
													H
													H
													H
		30.18	27.32	-12.68	40	34.62	24.37	0.72	32.39	-	-	P	V
		52.32	30.71	-9.29	40	48.89	13.33	0.95	32.46	-	-	P	V
		95.88	24.1	-19.4	43.5	39.82	15.4	1.3	32.42	-	-	P	V
		393.6	22.24	-23.76	46	30.61	21.65	2.37	32.39	-	-	P	V
		570.4	26.52	-19.48	46	30	26.05	2.91	32.44	-	-	P	V
		861.6	31.15	-14.85	46	30.29	29.08	3.51	31.73	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or 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 **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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

WIFI	Note	Frequency	Level	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

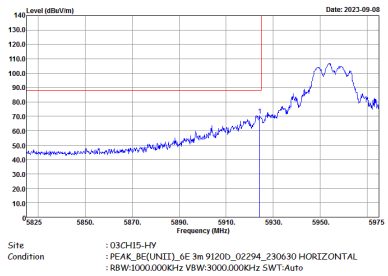
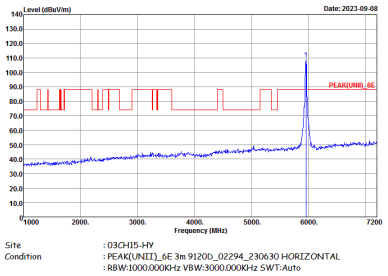
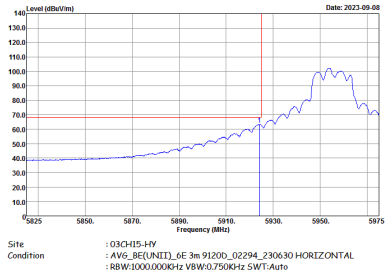
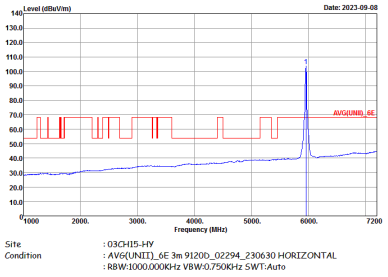
Test Engineer :	Bigshow Wang and Quentin Liu	**Temperature :**	22.0~22.9°C
		Relative Humidity :	50~60%

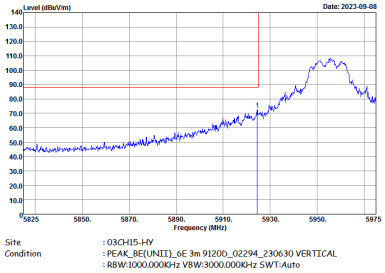
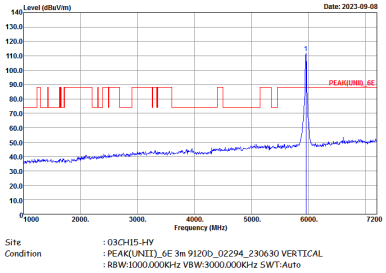
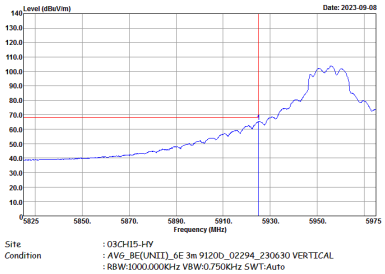
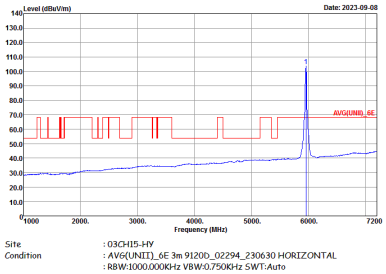
Note symbol

-L	**Low channel location**
-R	**High channel location**

Band 5 - 5925~6425MHz

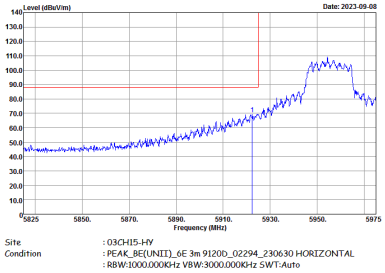
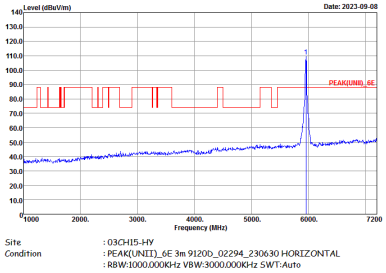
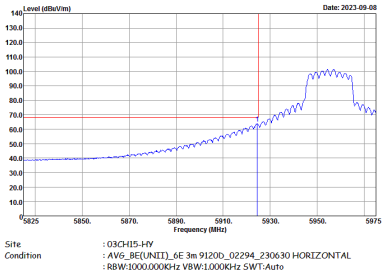
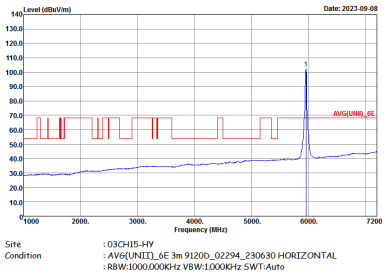
WIFI 802.11a (Band Edge @ 3m)

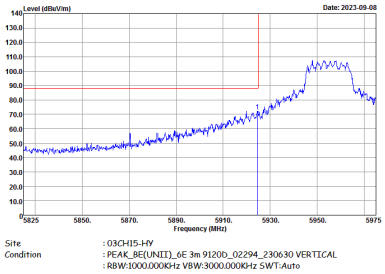
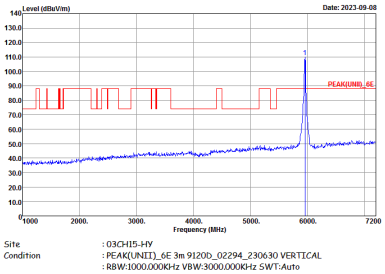
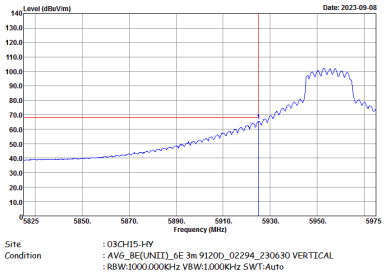
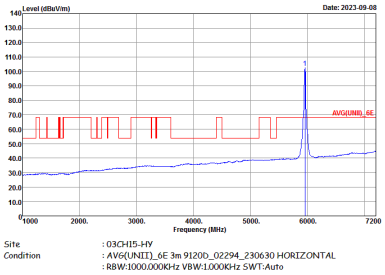
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

Band 5 5925~6425MHz

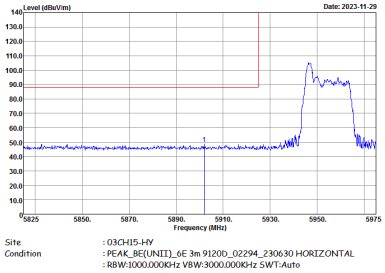
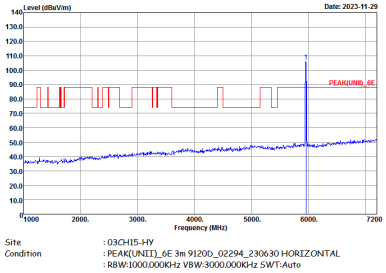
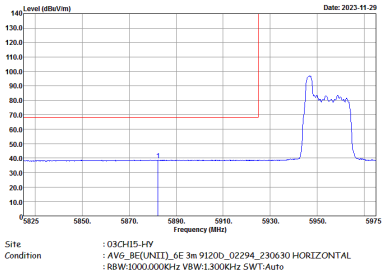
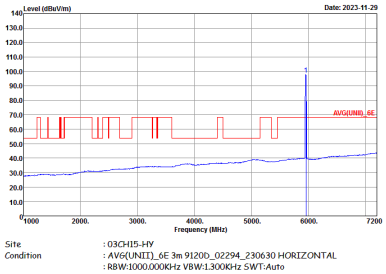
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

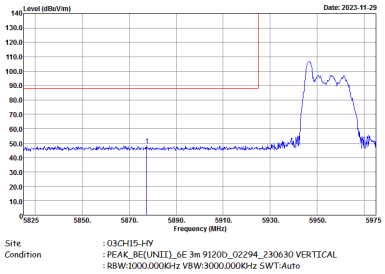
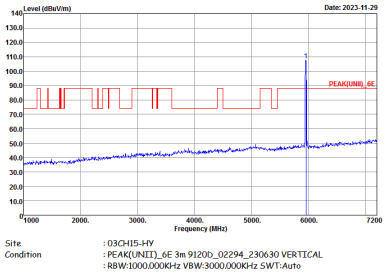
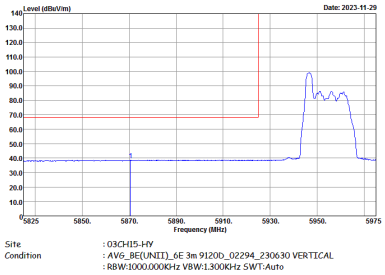
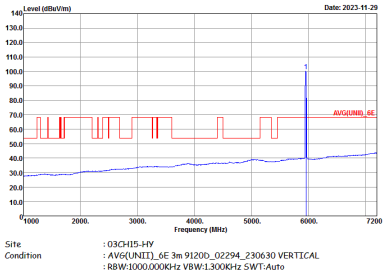
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

Band 5 5925~6425MHz

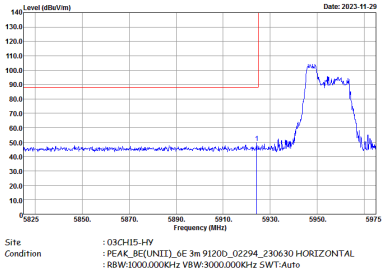
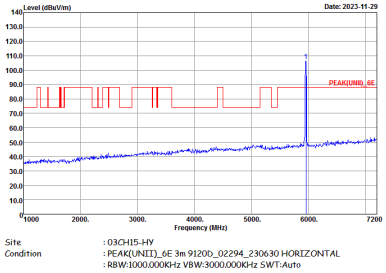
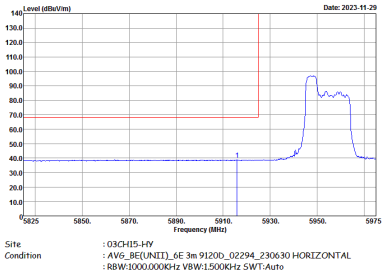
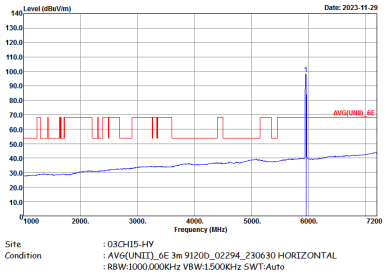
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

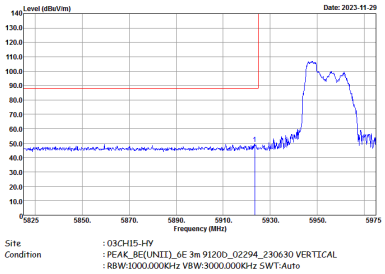
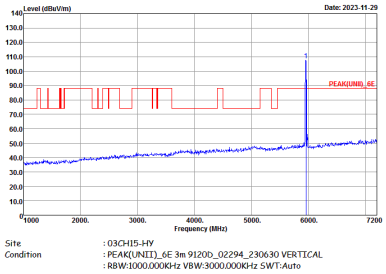
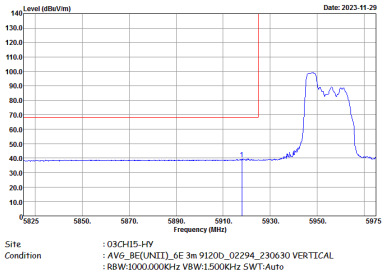
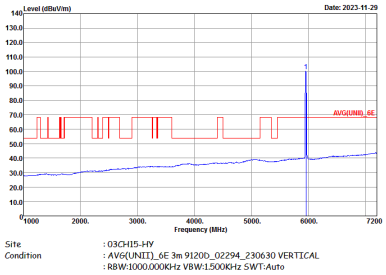
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

Band 5 5925~6425MHz

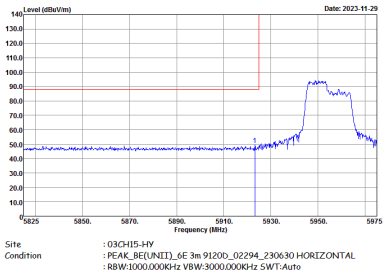
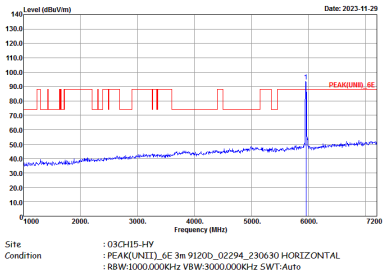
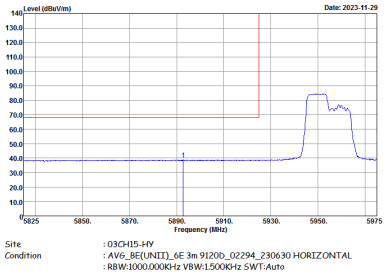
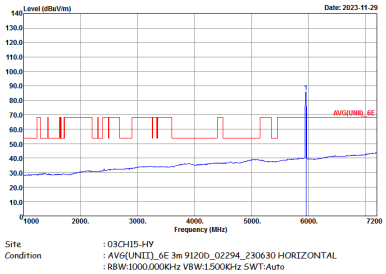
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

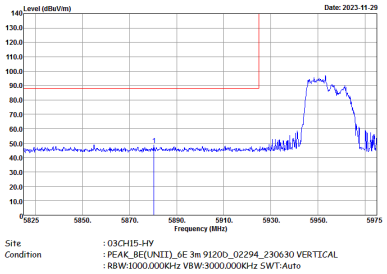
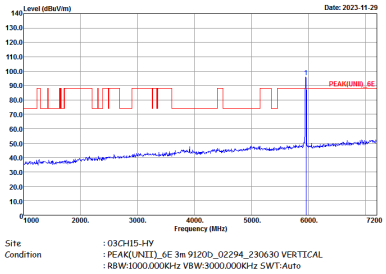
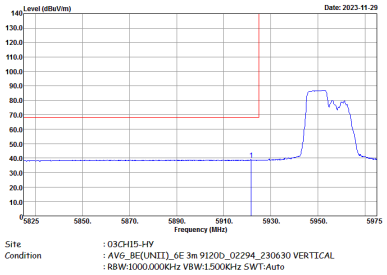
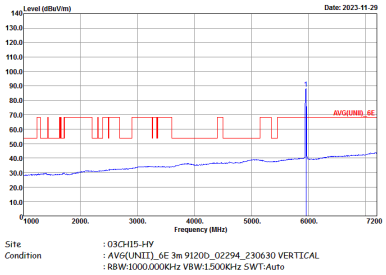
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

Band 5 5925~6425MHz

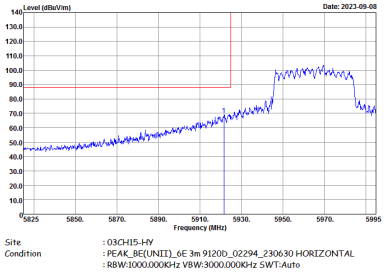
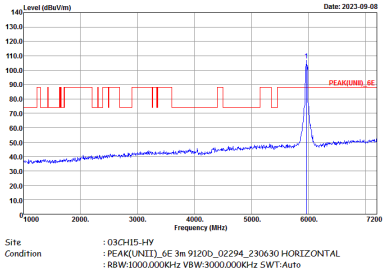
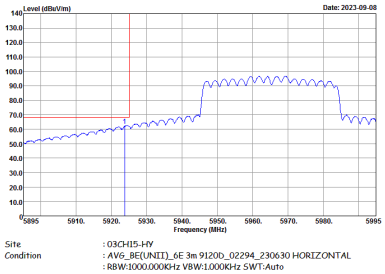
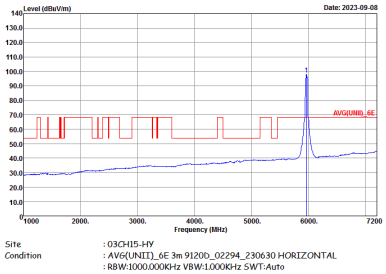
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

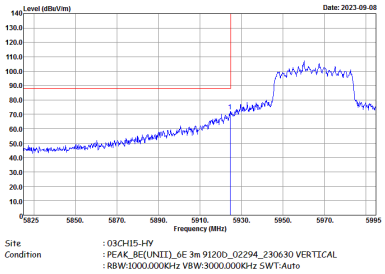
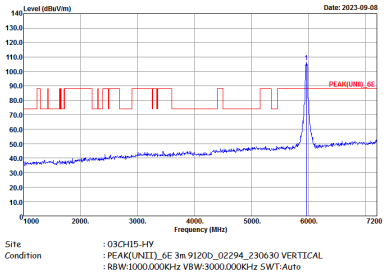
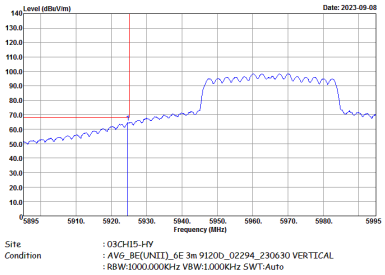
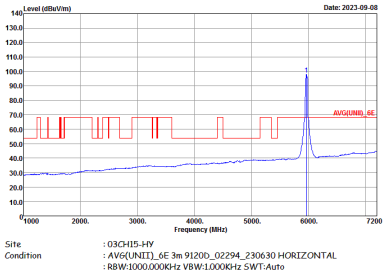
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

Band 5 5925~6425MHz

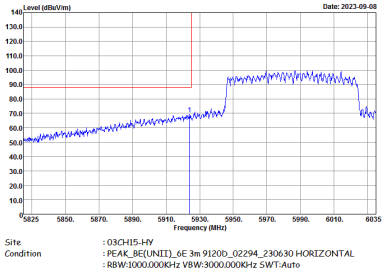
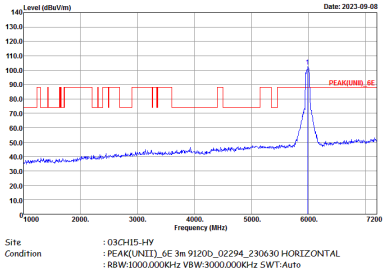
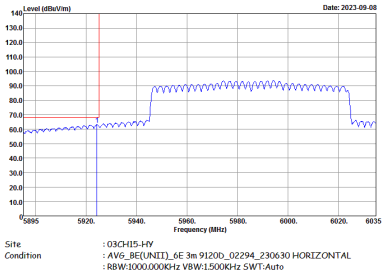
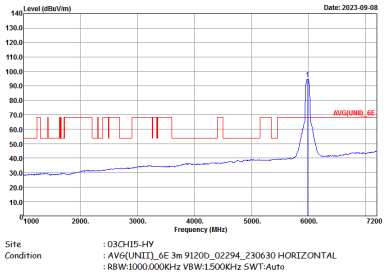
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

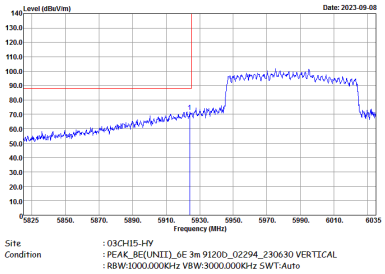
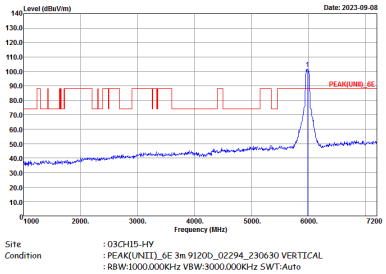
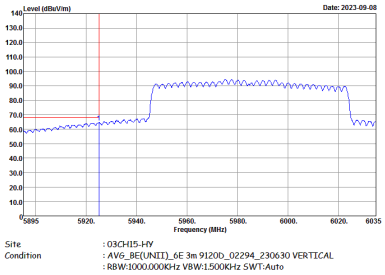
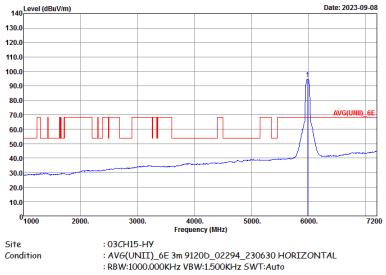
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

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

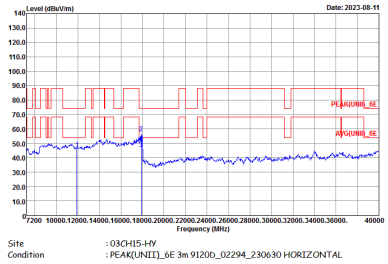
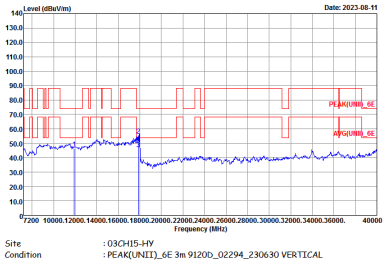
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

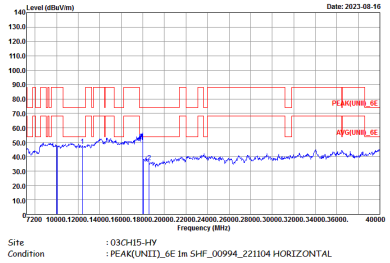
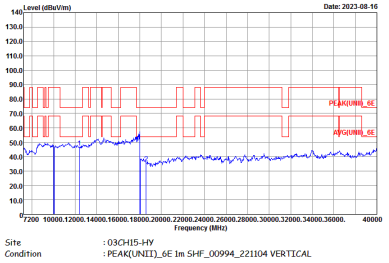
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

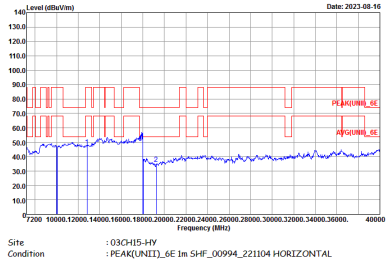
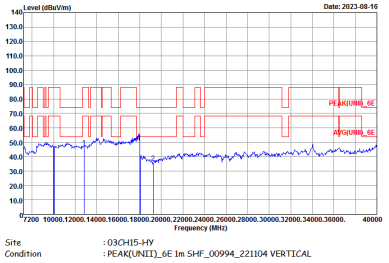
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

Band 5 - 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

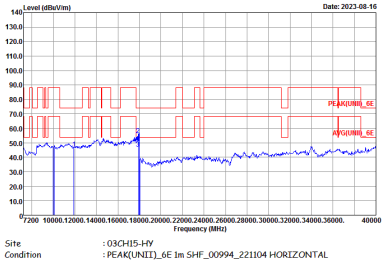
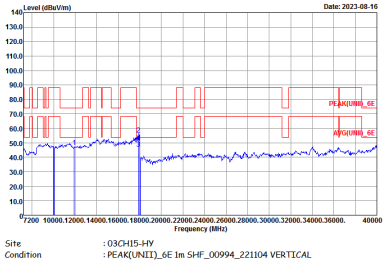
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.		

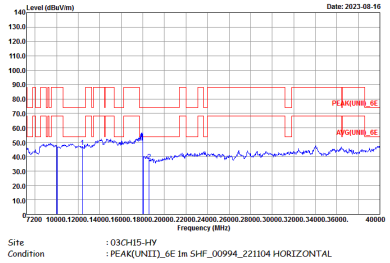
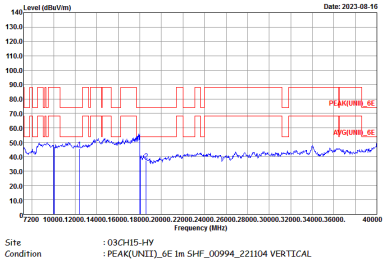
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.		

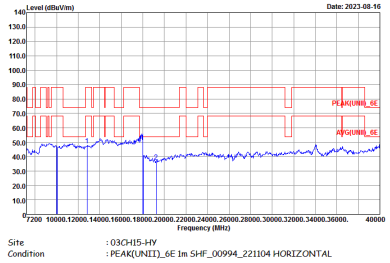
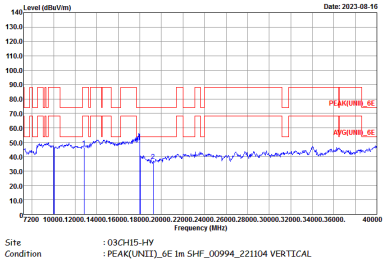
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

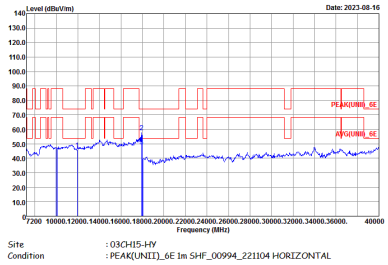
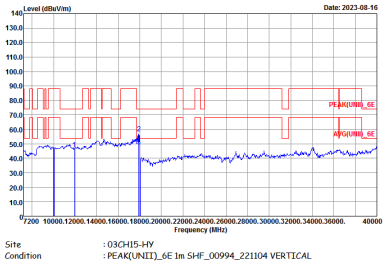
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.		

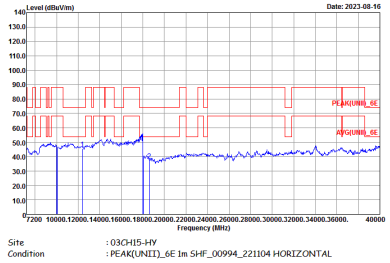
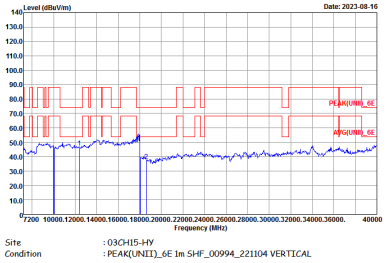
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.		

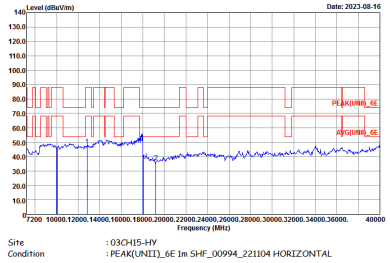
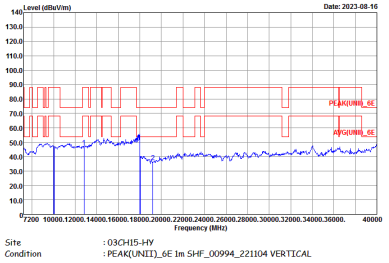
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

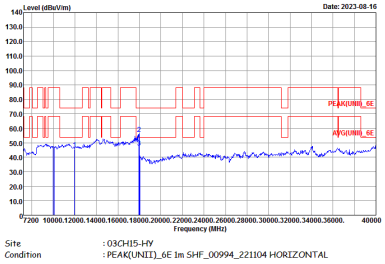
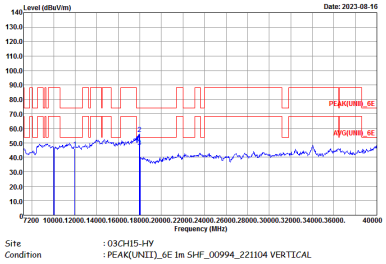
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
Peak Avg.		

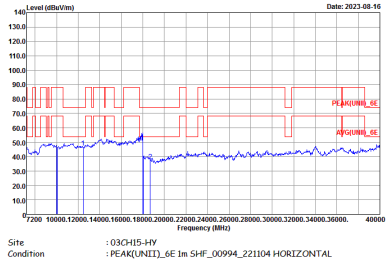
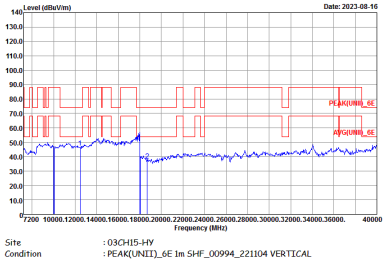
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
Peak Avg.		

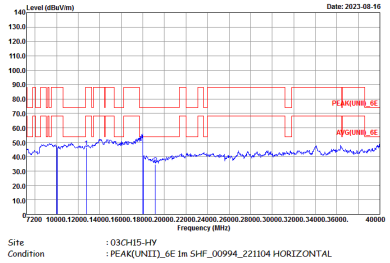
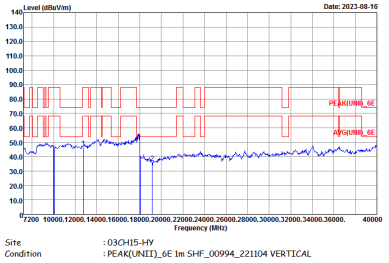
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

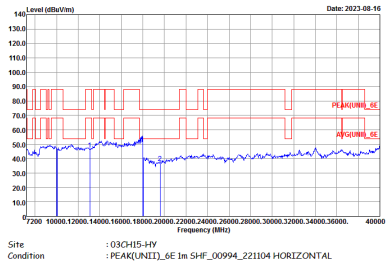
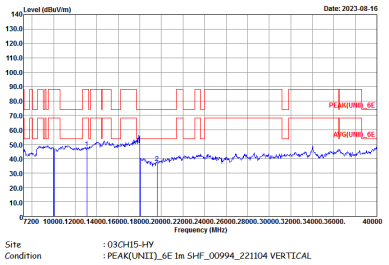
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
Peak Avg.		

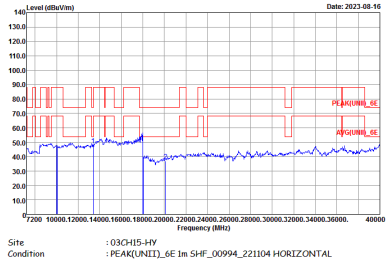
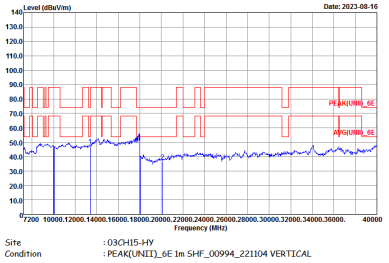
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
Peak Avg.		

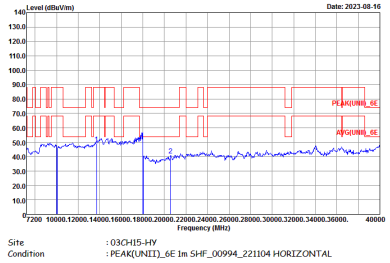
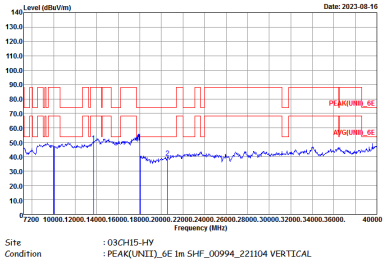
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

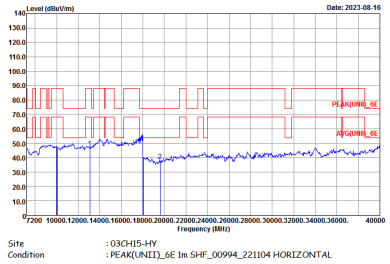
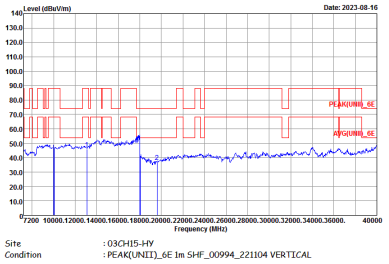
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH117 6535MHz	
4+3	Horizontal	Vertical
Peak Avg.		

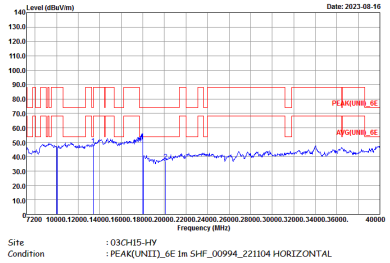
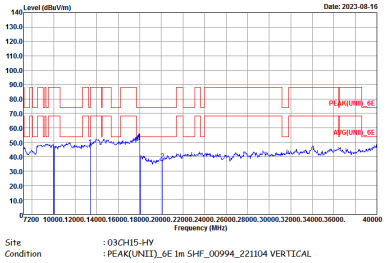
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH149 6695MHz	
4+3	Horizontal	Vertical
Peak Avg.		

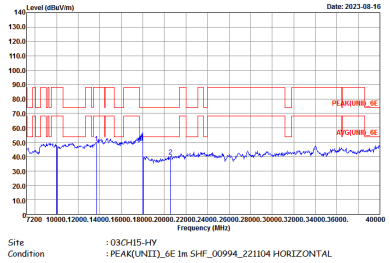
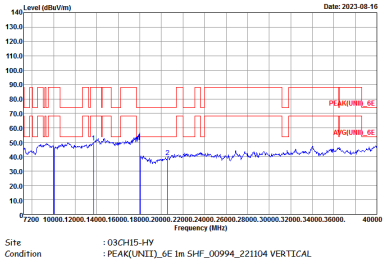
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH181 6855MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

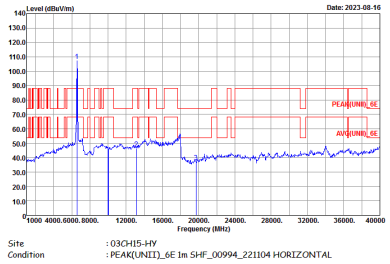
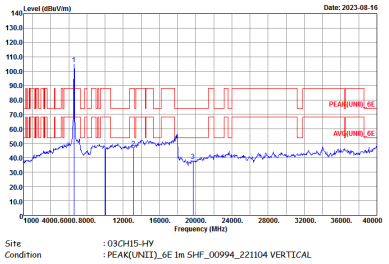
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
4+3	Horizontal	Vertical
Peak Avg.		

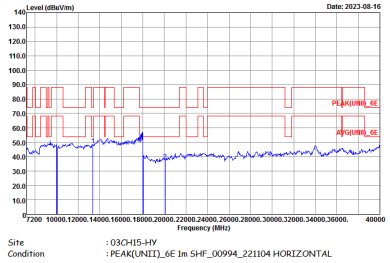
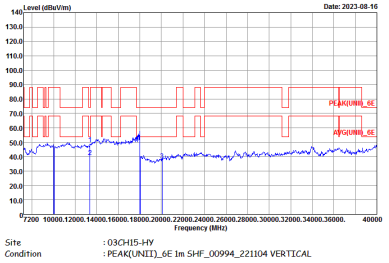
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
4+3	Horizontal	Vertical
Peak Avg.		

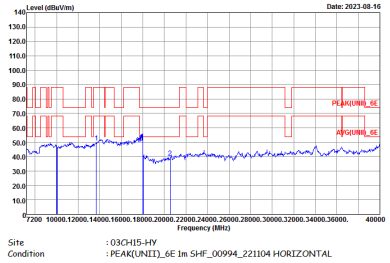
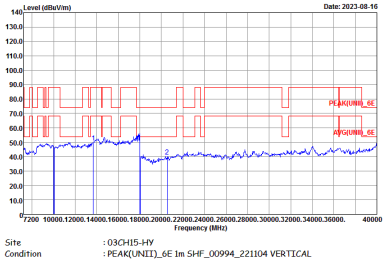
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

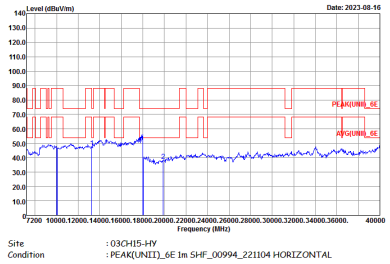
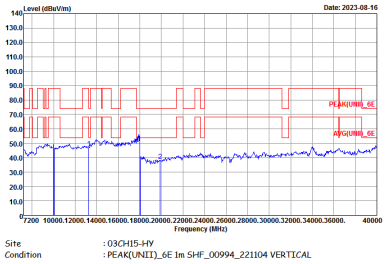
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

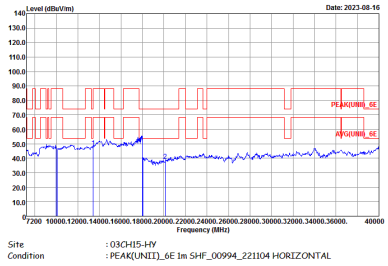
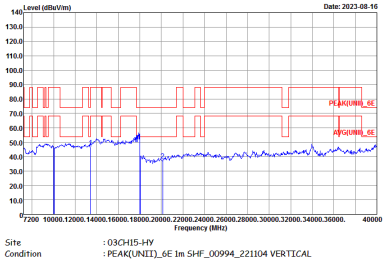
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565MHz	
4+3	Horizontal	Vertical
Peak Avg.		

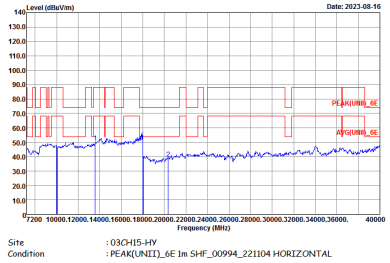
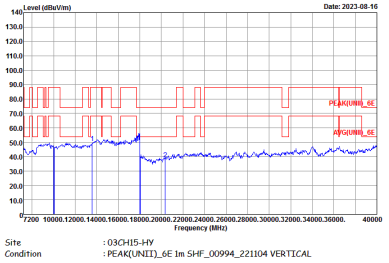
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH179 6845MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
Peak 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 CH167 6785MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
4+3	Horizontal	Vertical
QP / Peak