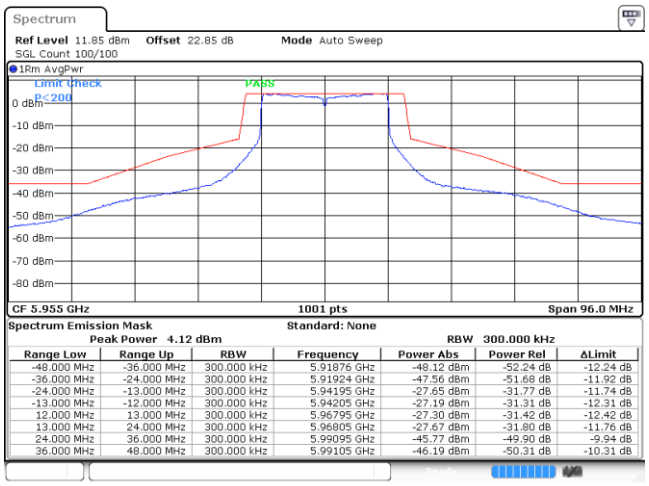
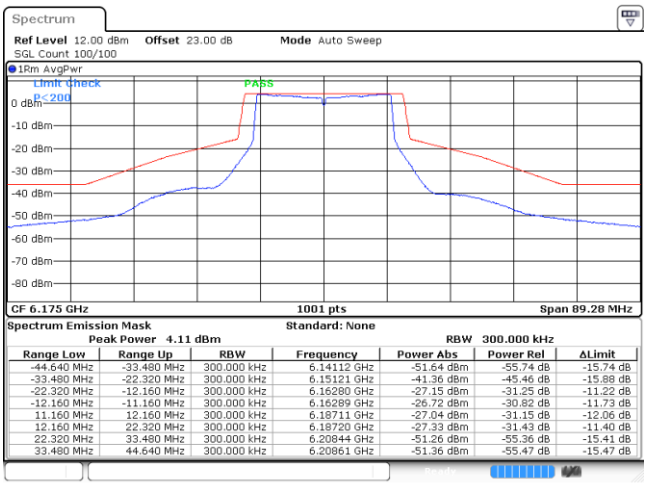
EUT Mode :	802.11ax HE20

Plot on Channel 5955MHz



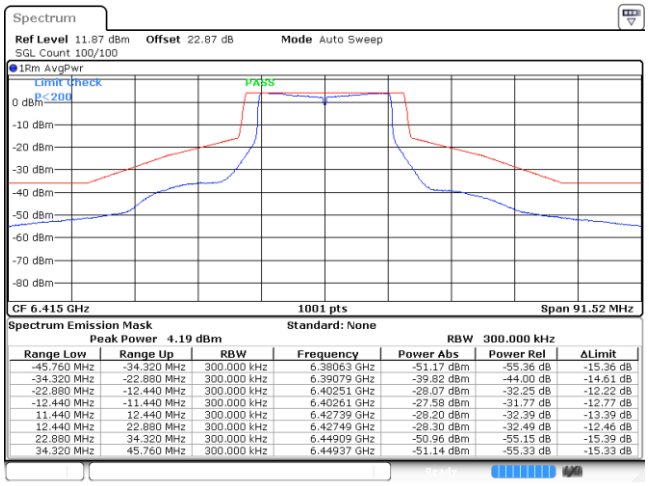
Date: 2.AUG.2024 19:31:15

Plot on Channel 6175MHz



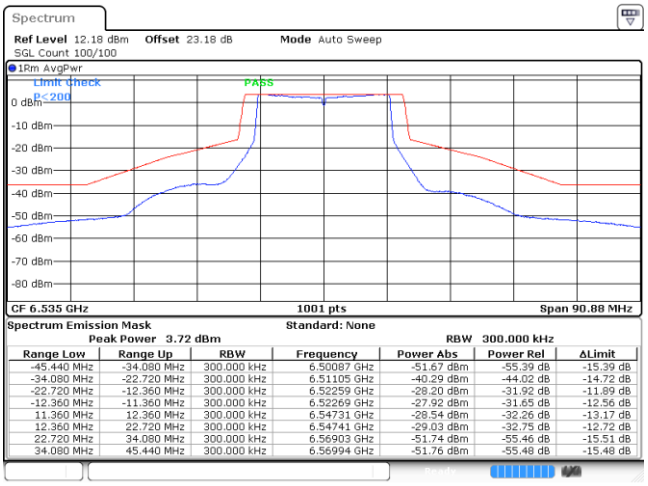
Date: 2.AUG.2024 19:40:01

Plot on Channel 6415MHz



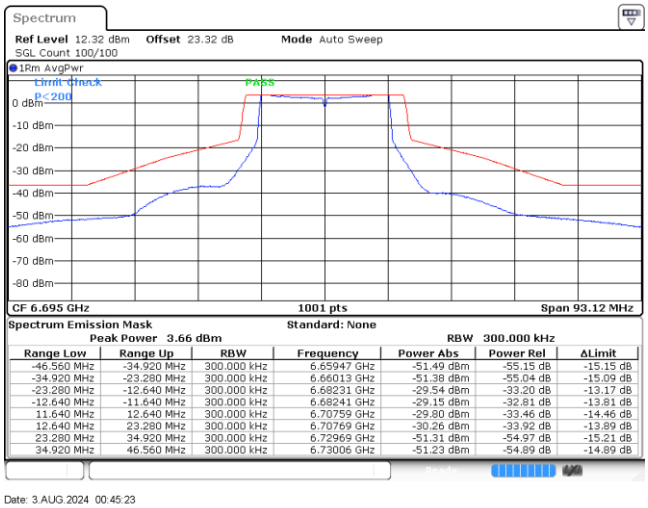
Date: 2.AUG.2024 19:47:17

Plot on Channel 6535MHz



Date: 3.AUG.2024 01:02:35

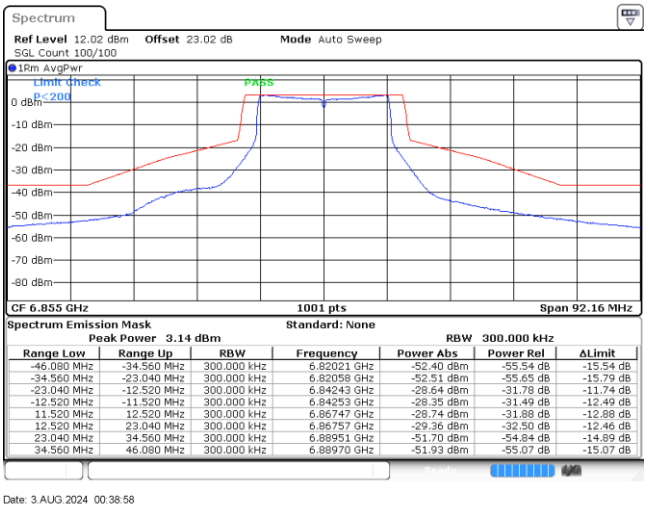
Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-46.560 MHz	-34.920 MHz	300.000 kHz	6.65947 GHz	-51.49 dBm	-55.15 dB	-15.15 dB
-34.920 MHz	-23.280 MHz	300.000 kHz	6.66013 GHz	-51.38 dBm	-55.04 dB	-15.09 dB
-23.280 MHz	-12.640 MHz	300.000 kHz	6.68231 GHz	-29.54 dBm	-33.20 dB	-13.17 dB
-12.640 MHz	-11.640 MHz	300.000 kHz	6.68241 GHz	-29.15 dBm	-32.81 dB	-13.81 dB
11.640 MHz	12.640 MHz	300.000 kHz	6.70759 GHz	-29.80 dBm	-33.46 dB	-14.46 dB
12.640 MHz	23.280 MHz	300.000 kHz	6.70769 GHz	-30.26 dBm	-33.92 dB	-13.89 dB
23.280 MHz	34.920 MHz	300.000 kHz	6.72969 GHz	-51.31 dBm	-54.97 dB	-15.21 dB
34.920 MHz	46.560 MHz	300.000 kHz	6.73006 GHz	-51.23 dBm	-54.89 dB	-14.89 dB

Date: 3.AUG.2024 00:45:23

Plot on Channel 6855MHz

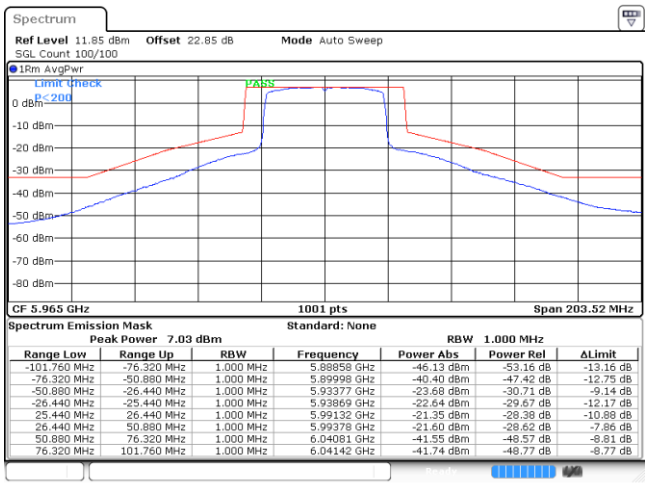


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-46.080 MHz	-34.560 MHz	300.000 kHz	6.82021 GHz	-52.40 dBm	-55.54 dB	-15.54 dB
-34.560 MHz	-23.040 MHz	300.000 kHz	6.82058 GHz	-52.51 dBm	-55.65 dB	-15.79 dB
-23.040 MHz	-12.520 MHz	300.000 kHz	6.84243 GHz	-28.64 dBm	-31.78 dB	-11.74 dB
-12.520 MHz	-11.520 MHz	300.000 kHz	6.84253 GHz	-28.35 dBm	-31.49 dB	-12.49 dB
11.520 MHz	12.520 MHz	300.000 kHz	6.86747 GHz	-28.74 dBm	-31.88 dB	-12.88 dB
12.520 MHz	23.040 MHz	300.000 kHz	6.86757 GHz	-29.36 dBm	-32.50 dB	-12.46 dB
23.040 MHz	34.560 MHz	300.000 kHz	6.88951 GHz	-51.70 dBm	-54.84 dB	-14.89 dB
34.560 MHz	46.080 MHz	300.000 kHz	6.88970 GHz	-51.93 dBm	-55.07 dB	-15.07 dB

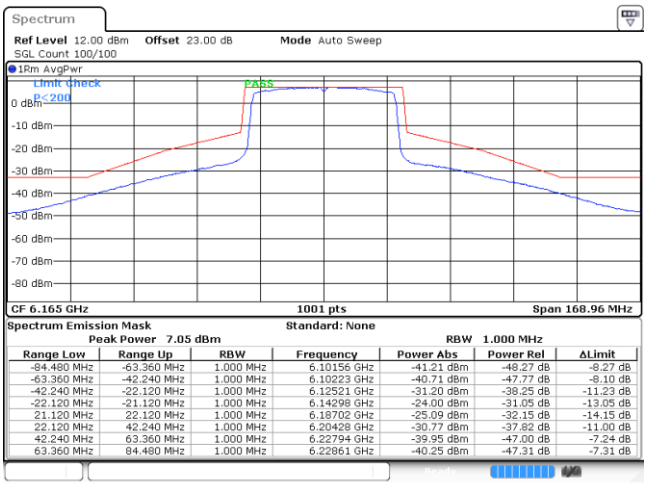
Date: 3.AUG.2024 00:38:58

EUT Mode :	802.11ax HE40

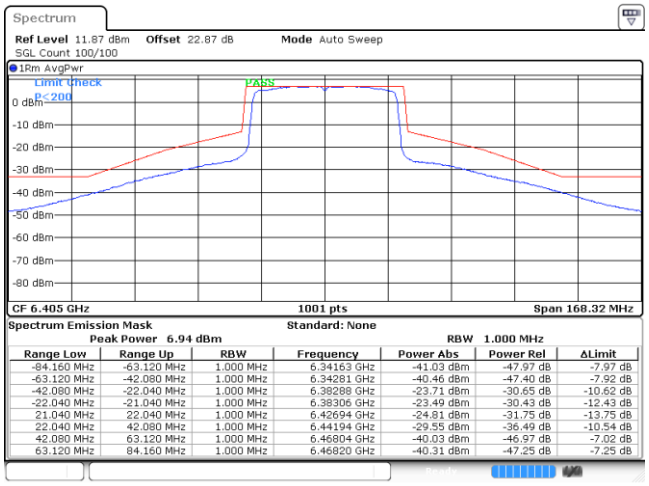
Plot on Channel 5965MHz



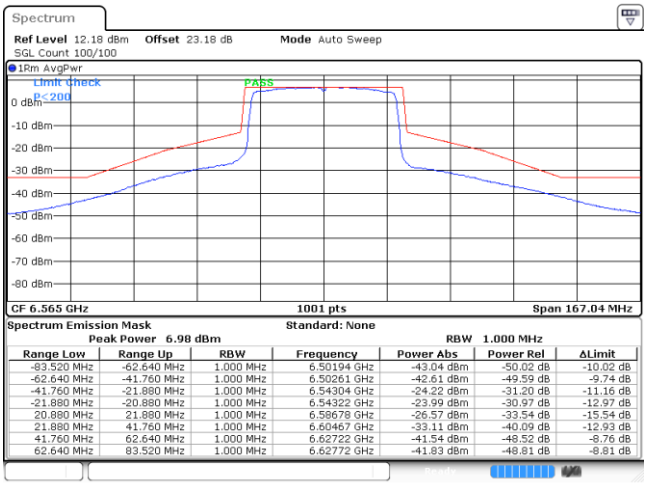
Plot on Channel 6165MHz



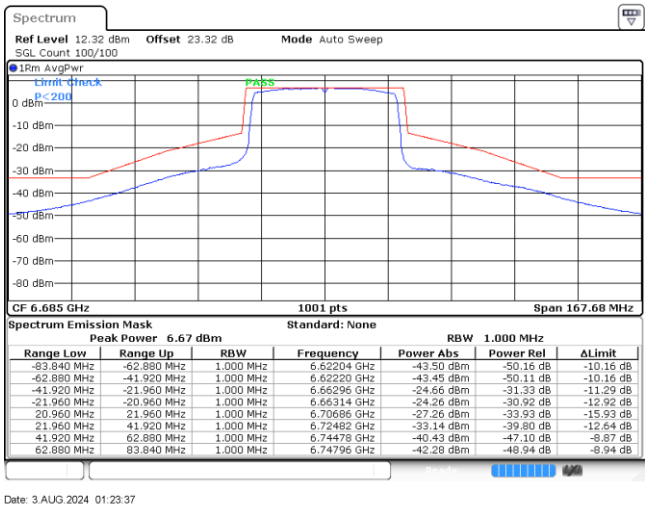
Plot on Channel 6405MHz



Plot on Channel 6565MHz



Plot on Channel 6685MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-83.840 MHz	-62.880 MHz	1.000 MHz	6.62204 GHz	-43.50 dBm	-50.16 dB	-10.16 dB
-62.880 MHz	-41.920 MHz	1.000 MHz	6.62220 GHz	-43.45 dBm	-50.11 dB	-10.16 dB
-41.920 MHz	-21.960 MHz	1.000 MHz	6.66296 GHz	-24.66 dBm	-31.33 dB	-11.29 dB
-21.960 MHz	-20.960 MHz	1.000 MHz	6.66314 GHz	-24.26 dBm	-30.92 dB	-12.92 dB
20.960 MHz	21.960 MHz	1.000 MHz	6.70686 GHz	-27.26 dBm	-33.93 dB	-15.93 dB
21.960 MHz	41.920 MHz	1.000 MHz	6.72482 GHz	-33.14 dBm	-39.80 dB	-12.64 dB
41.920 MHz	62.880 MHz	1.000 MHz	6.74478 GHz	-40.43 dBm	-47.10 dB	-8.87 dB
62.880 MHz	83.840 MHz	1.000 MHz	6.74796 GHz	-42.28 dBm	-48.94 dB	-8.94 dB

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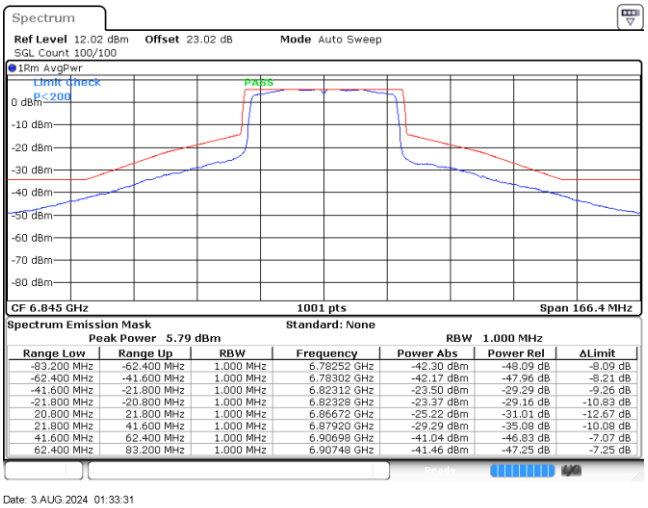
Plot on Channel 6845MHz

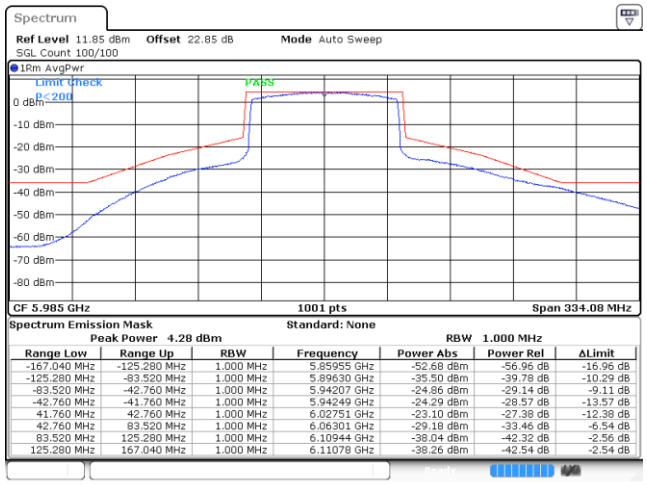


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-83.200 MHz	-62.400 MHz	1.000 MHz	6.78252 GHz	-42.30 dBm	-48.09 dB	-8.09 dB
-62.400 MHz	-41.600 MHz	1.000 MHz	6.78302 GHz	-42.17 dBm	-47.96 dB	-8.21 dB
-41.600 MHz	-21.800 MHz	1.000 MHz	6.82312 GHz	-23.50 dBm	-29.29 dB	-9.26 dB
-21.800 MHz	-20.800 MHz	1.000 MHz	6.82328 GHz	-23.37 dBm	-29.16 dB	-10.83 dB
20.800 MHz	21.800 MHz	1.000 MHz	6.86672 GHz	-25.22 dBm	-31.01 dB	-12.67 dB
21.800 MHz	41.600 MHz	1.000 MHz	6.87920 GHz	-29.29 dBm	-35.08 dB	-10.08 dB
41.600 MHz	62.400 MHz	1.000 MHz	6.90698 GHz	-41.04 dBm	-46.83 dB	-7.07 dB
62.400 MHz	83.200 MHz	1.000 MHz	6.90748 GHz	-41.46 dBm	-47.25 dB	-7.25 dB

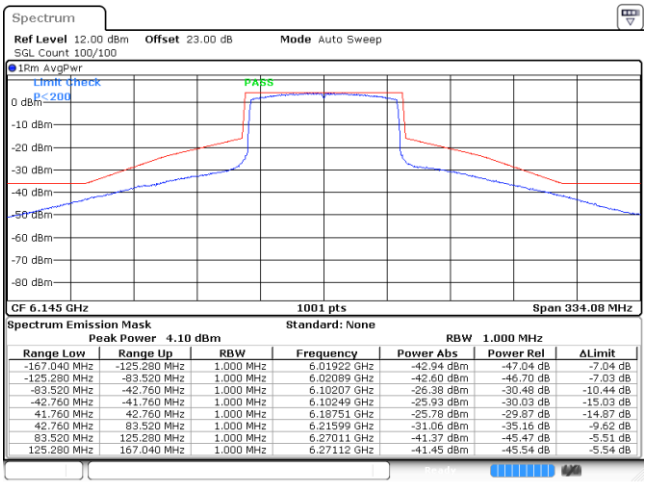
Date: 3.AUG.2024 01:33:31

EUT Mode :	802.11ax HE80

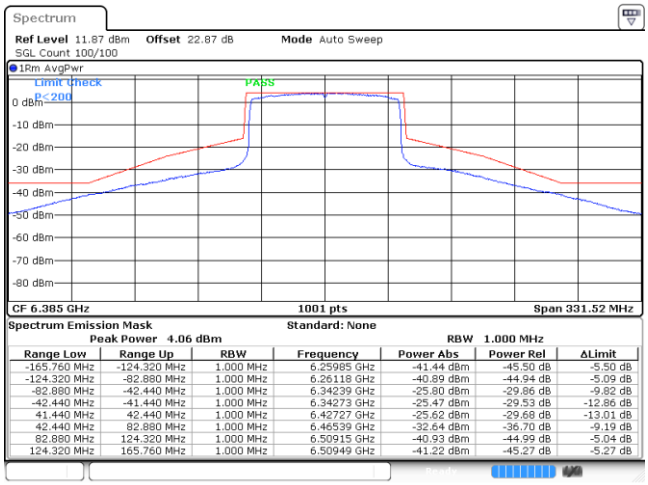
Plot on Channel 5985MHz



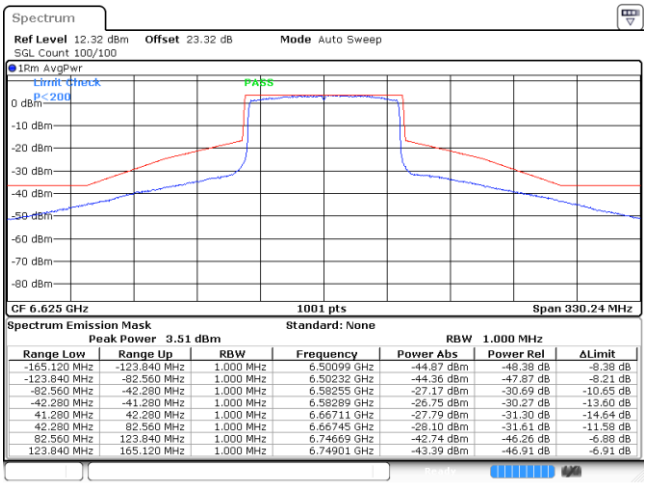
Plot on Channel 6145MHz



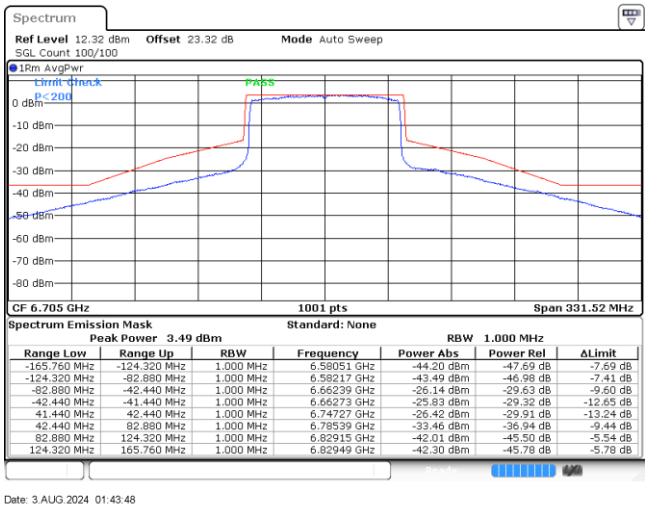
Plot on Channel 6385MHz



Plot on Channel 6625MHz



Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-165.760 MHz	-124.320 MHz	1.000 MHz	6.58051 GHz	-44.20 dBm	-47.69 dB	-7.69 dB
-124.320 MHz	-82.880 MHz	1.000 MHz	6.58217 GHz	-43.49 dBm	-46.98 dB	-7.41 dB
-82.880 MHz	-42.440 MHz	1.000 MHz	6.66239 GHz	-26.14 dBm	-29.63 dB	-9.60 dB
-42.440 MHz	-41.440 MHz	1.000 MHz	6.66273 GHz	-25.83 dBm	-29.32 dB	-12.65 dB
41.440 MHz	42.440 MHz	1.000 MHz	6.74727 GHz	-26.42 dBm	-29.91 dB	-13.24 dB
42.440 MHz	82.880 MHz	1.000 MHz	6.78539 GHz	-33.46 dBm	-36.94 dB	-9.44 dB
82.880 MHz	124.320 MHz	1.000 MHz	6.82915 GHz	-42.01 dBm	-45.50 dB	-5.54 dB
124.320 MHz	165.760 MHz	1.000 MHz	6.82949 GHz	-42.30 dBm	-45.78 dB	-5.78 dB

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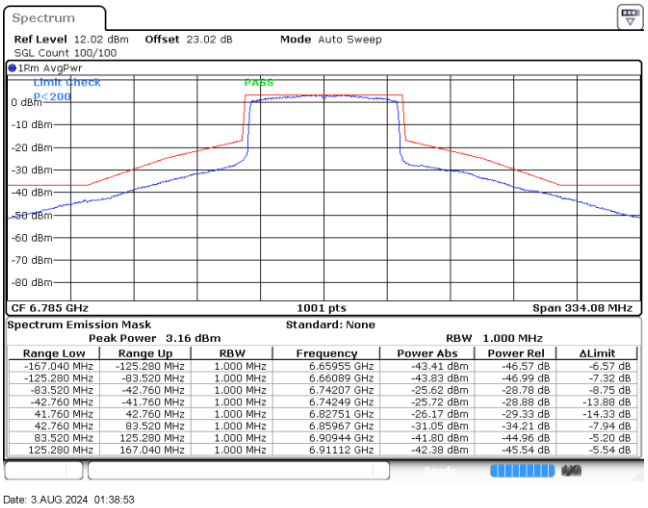
Plot on Channel 6785MHz

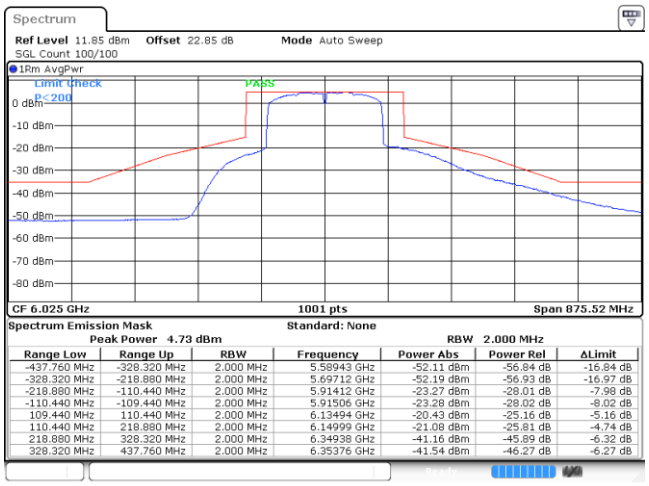


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-167.040 MHz	-125.280 MHz	1.000 MHz	6.65955 GHz	-43.41 dBm	-46.57 dB	-6.57 dB
-125.280 MHz	-83.520 MHz	1.000 MHz	6.66089 GHz	-43.83 dBm	-46.99 dB	-7.32 dB
-83.520 MHz	-42.760 MHz	1.000 MHz	6.74207 GHz	-25.62 dBm	-28.78 dB	-8.75 dB
-42.760 MHz	-41.760 MHz	1.000 MHz	6.74249 GHz	-25.72 dBm	-28.88 dB	-13.88 dB
41.760 MHz	42.760 MHz	1.000 MHz	6.82751 GHz	-26.17 dBm	-29.33 dB	-14.33 dB
42.760 MHz	83.520 MHz	1.000 MHz	6.85967 GHz	-31.05 dBm	-34.21 dB	-7.94 dB
83.520 MHz	125.280 MHz	1.000 MHz	6.90944 GHz	-41.80 dBm	-44.96 dB	-5.20 dB
125.280 MHz	167.040 MHz	1.000 MHz	6.91112 GHz	-42.38 dBm	-45.54 dB	-5.54 dB

Date: 3.AUG.2024 01:38:53

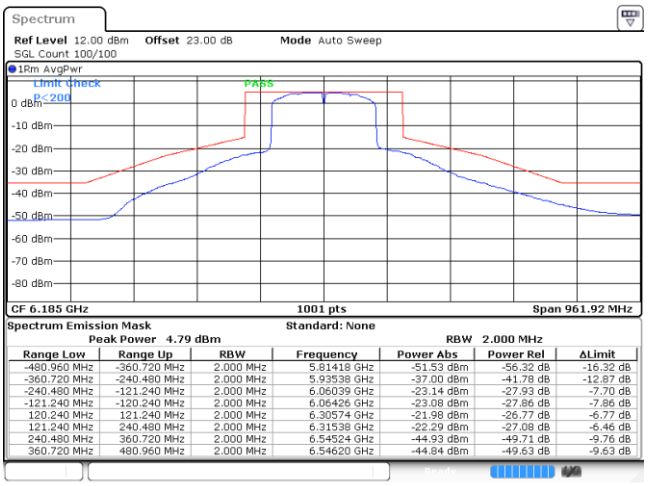
EUT Mode :	802.11ax HE160

Plot on Channel 6025MHz



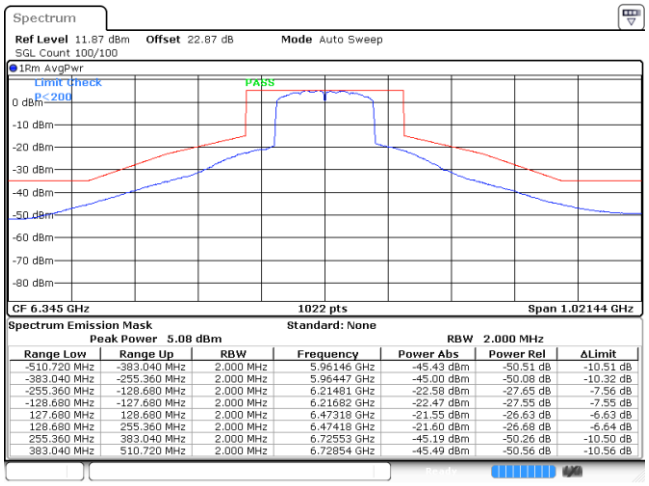
Date: 2.AUG.2024 22:54:07

Plot on Channel 6185MHz



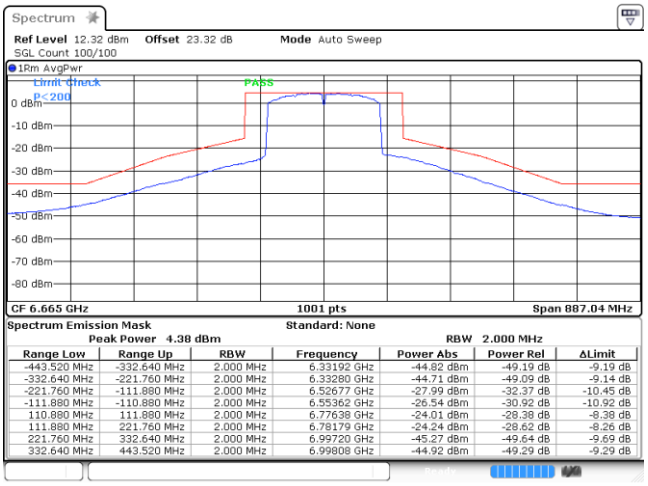
Date: 2.AUG.2024 23:08:00

Plot on Channel 6345MHz



Date: 2.AUG.2024 23:13:51

Plot on Channel 6665MHz

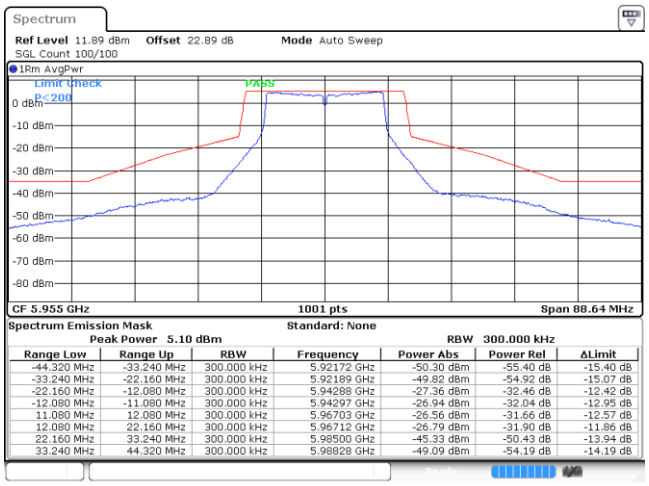


Date: 3.AUG.2024 02:02:07

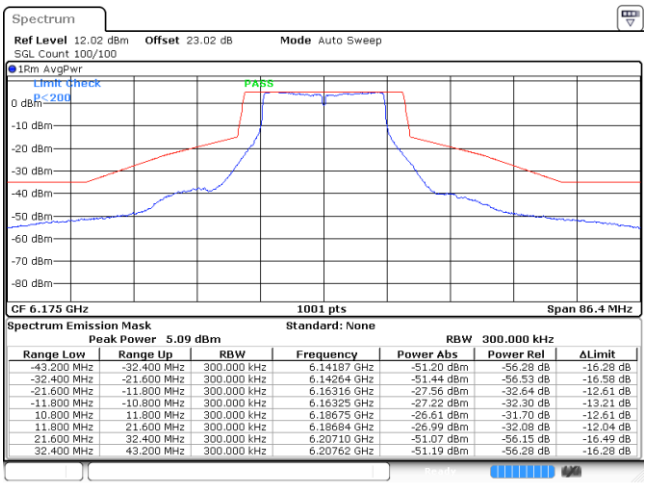
MIMO <Ant. F+G(G)>

EUT Mode :	802.11a

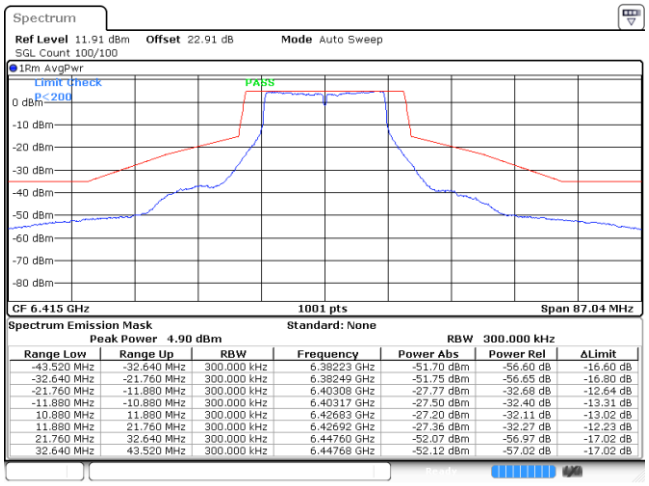
Plot on Channel 5955MHz



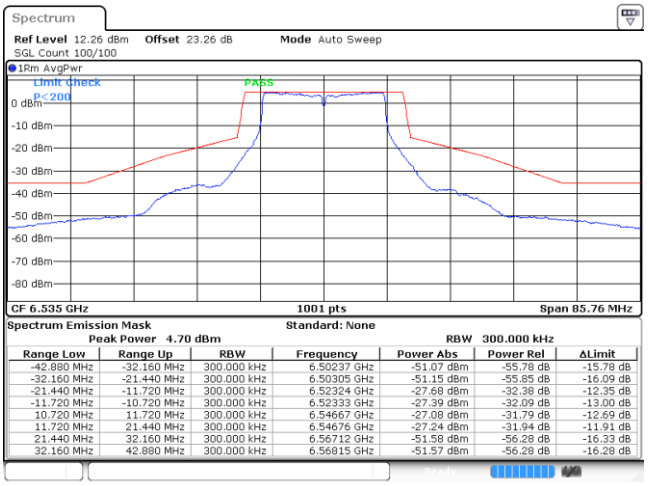
Plot on Channel 6175MHz



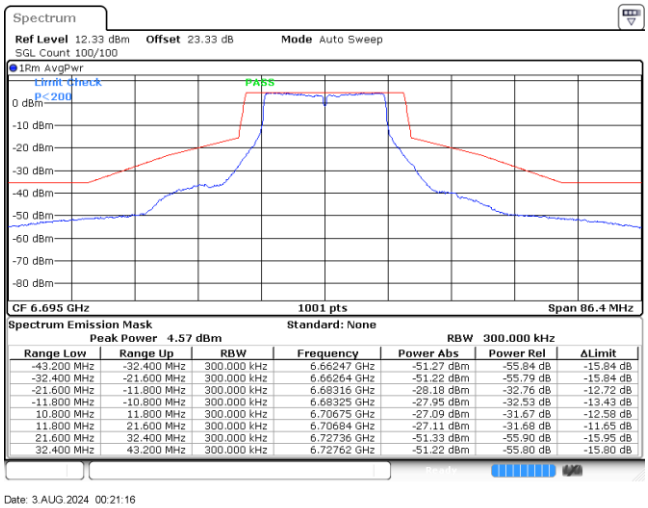
Plot on Channel 6415MHz



Plot on Channel 6535MHz



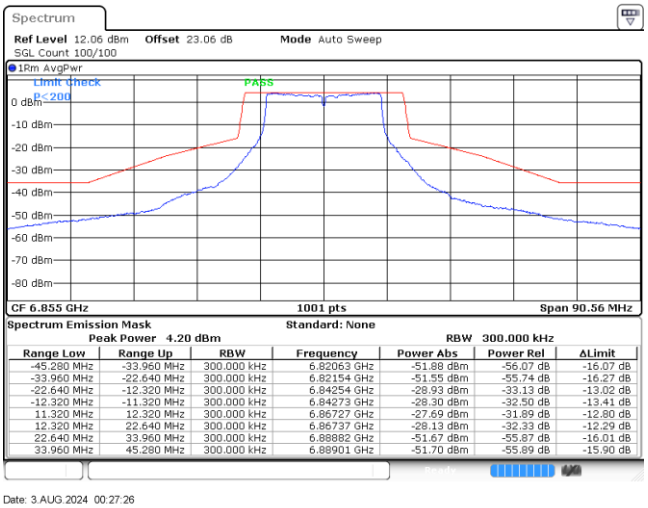
Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-43.200 MHz	-32.400 MHz	300.000 kHz	6.66247 GHz	-51.27 dBm	-55.84 dB	-15.84 dB
-32.400 MHz	-21.600 MHz	300.000 kHz	6.66264 GHz	-51.22 dBm	-55.79 dB	-15.84 dB
-21.600 MHz	-11.800 MHz	300.000 kHz	6.68316 GHz	-28.18 dBm	-32.76 dB	-12.72 dB
-11.800 MHz	-10.800 MHz	300.000 kHz	6.68325 GHz	-27.95 dBm	-32.53 dB	-13.43 dB
10.800 MHz	11.800 MHz	300.000 kHz	6.70675 GHz	-27.09 dBm	-31.67 dB	-12.58 dB
11.800 MHz	21.600 MHz	300.000 kHz	6.70684 GHz	-27.11 dBm	-31.68 dB	-11.65 dB
21.600 MHz	32.400 MHz	300.000 kHz	6.72736 GHz	-51.33 dBm	-55.90 dB	-15.95 dB
32.400 MHz	43.200 MHz	300.000 kHz	6.72762 GHz	-51.22 dBm	-55.80 dB	-15.80 dB

Date: 3.AUG.2024 00:21:16

Plot on Channel 6855MHz

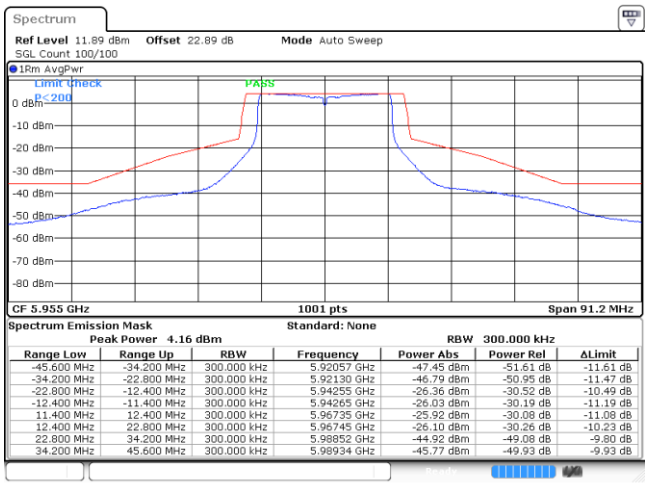


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-45.280 MHz	-33.960 MHz	300.000 kHz	6.82063 GHz	-51.88 dBm	-56.07 dB	-16.07 dB
-33.960 MHz	-22.640 MHz	300.000 kHz	6.82154 GHz	-51.55 dBm	-55.74 dB	-16.27 dB
-22.640 MHz	-12.320 MHz	300.000 kHz	6.84254 GHz	-28.93 dBm	-33.13 dB	-13.02 dB
-12.320 MHz	-11.320 MHz	300.000 kHz	6.84273 GHz	-28.30 dBm	-32.50 dB	-13.41 dB
11.320 MHz	12.320 MHz	300.000 kHz	6.86727 GHz	-27.69 dBm	-31.89 dB	-12.80 dB
12.320 MHz	22.640 MHz	300.000 kHz	6.86737 GHz	-28.13 dBm	-32.33 dB	-12.29 dB
22.640 MHz	33.960 MHz	300.000 kHz	6.88882 GHz	-51.67 dBm	-55.87 dB	-16.01 dB
33.960 MHz	45.280 MHz	300.000 kHz	6.88901 GHz	-51.70 dBm	-55.89 dB	-15.90 dB

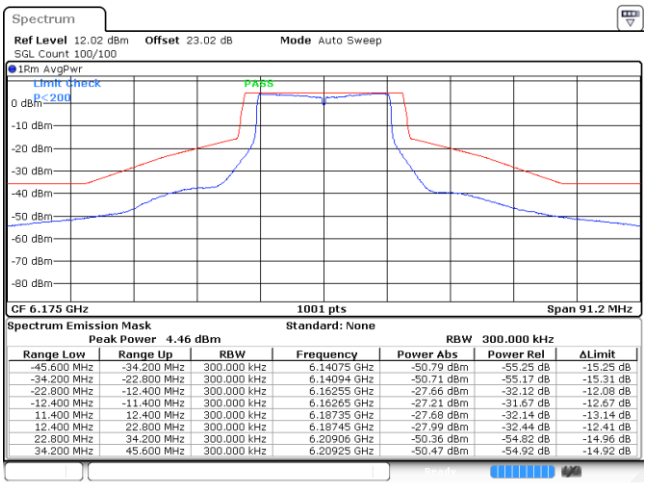
Date: 3.AUG.2024 00:27:26

EUT Mode :	802.11ax HE20

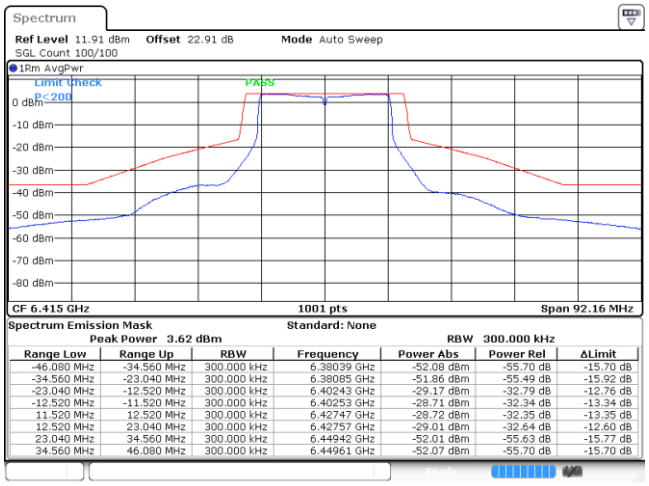
Plot on Channel 5955MHz



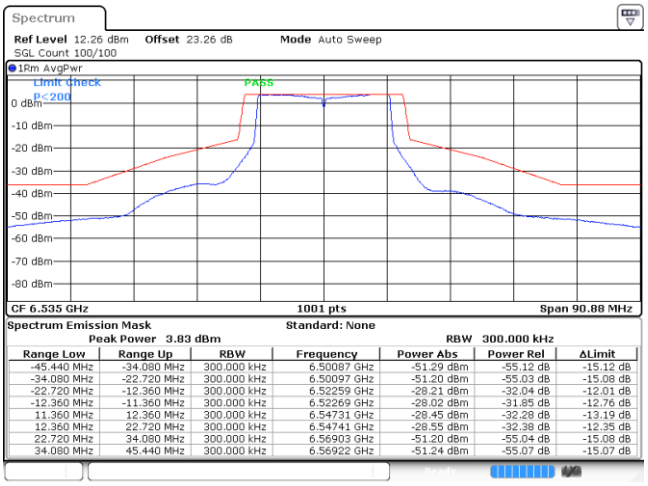
Plot on Channel 6175MHz



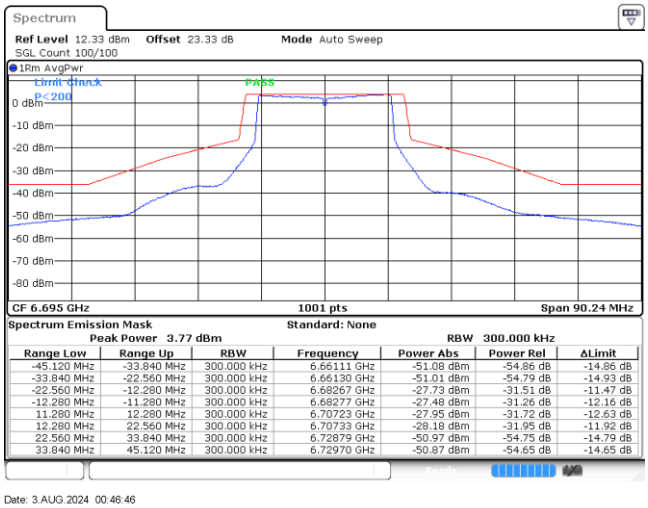
Plot on Channel 6415MHz



Plot on Channel 6535MHz



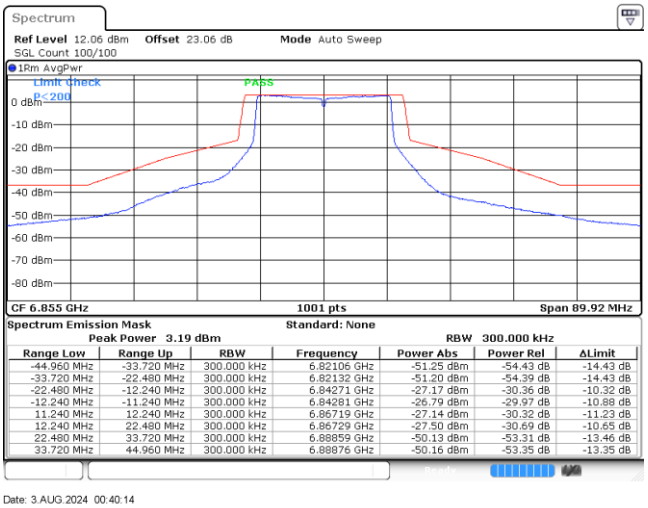
Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-45.120 MHz	-33.840 MHz	300.000 kHz	6.66111 GHz	-51.08 dBm	-54.86 dB	-14.86 dB
-33.840 MHz	-22.560 MHz	300.000 kHz	6.66130 GHz	-51.01 dBm	-54.79 dB	-14.93 dB
-22.560 MHz	-12.280 MHz	300.000 kHz	6.68267 GHz	-27.73 dBm	-31.51 dB	-11.47 dB
-12.280 MHz	-11.280 MHz	300.000 kHz	6.68277 GHz	-27.48 dBm	-31.26 dB	-12.16 dB
11.280 MHz	12.280 MHz	300.000 kHz	6.70723 GHz	-27.95 dBm	-31.72 dB	-12.63 dB
12.280 MHz	22.560 MHz	300.000 kHz	6.70733 GHz	-28.18 dBm	-31.95 dB	-11.92 dB
22.560 MHz	33.840 MHz	300.000 kHz	6.72879 GHz	-50.97 dBm	-54.75 dB	-14.79 dB
33.840 MHz	45.120 MHz	300.000 kHz	6.72970 GHz	-50.87 dBm	-54.65 dB	-14.65 dB

Date: 3.AUG.2024 00:46:46

Plot on Channel 6855MHz

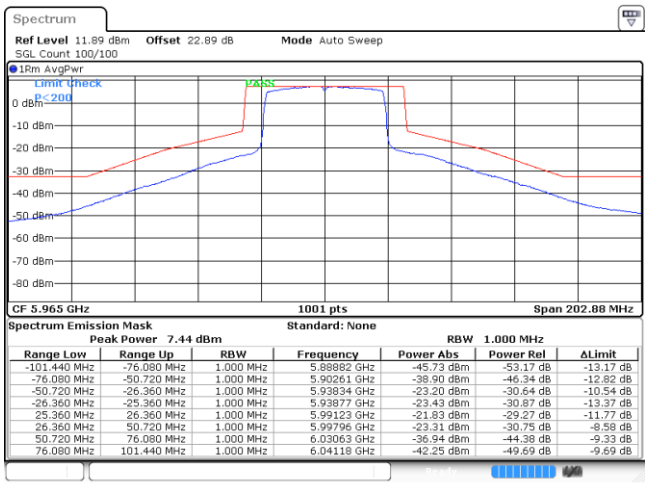


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-44.960 MHz	-33.720 MHz	300.000 kHz	6.82106 GHz	-51.25 dBm	-54.43 dB	-14.43 dB
-33.720 MHz	-22.480 MHz	300.000 kHz	6.82132 GHz	-51.20 dBm	-54.39 dB	-14.43 dB
-22.480 MHz	-12.240 MHz	300.000 kHz	6.84271 GHz	-27.17 dBm	-30.36 dB	-10.32 dB
-12.240 MHz	-11.240 MHz	300.000 kHz	6.84281 GHz	-26.79 dBm	-29.97 dB	-10.88 dB
11.240 MHz	12.240 MHz	300.000 kHz	6.86719 GHz	-27.14 dBm	-30.32 dB	-11.23 dB
12.240 MHz	22.480 MHz	300.000 kHz	6.86729 GHz	-27.50 dBm	-30.69 dB	-10.65 dB
22.480 MHz	33.720 MHz	300.000 kHz	6.88859 GHz	-50.13 dBm	-53.31 dB	-13.46 dB
33.720 MHz	44.960 MHz	300.000 kHz	6.88876 GHz	-50.16 dBm	-53.35 dB	-13.35 dB

Date: 3.AUG.2024 00:40:14

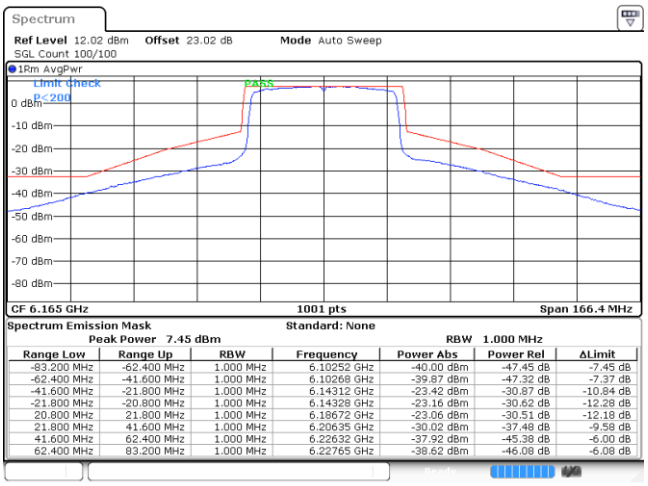
EUT Mode :	802.11ax HE40

Plot on Channel 5965MHz



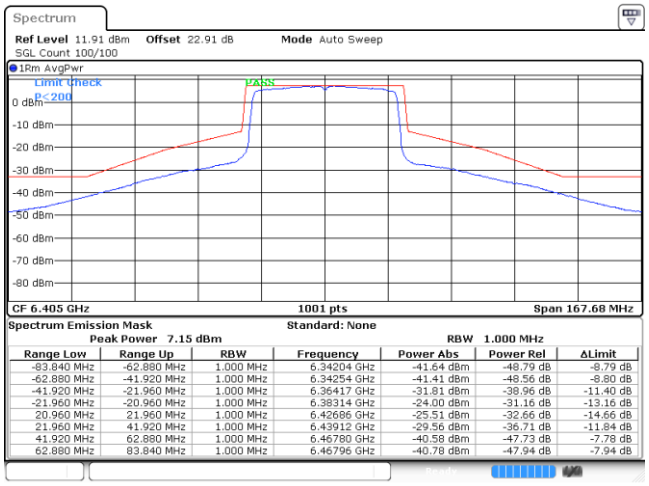
Date: 2.AUG.2024 19:55:49

Plot on Channel 6165MHz



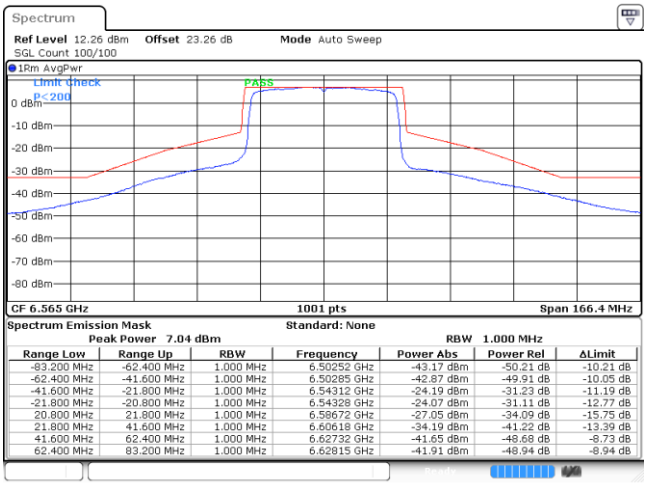
Date: 2.AUG.2024 20:02:52

Plot on Channel 6405MHz



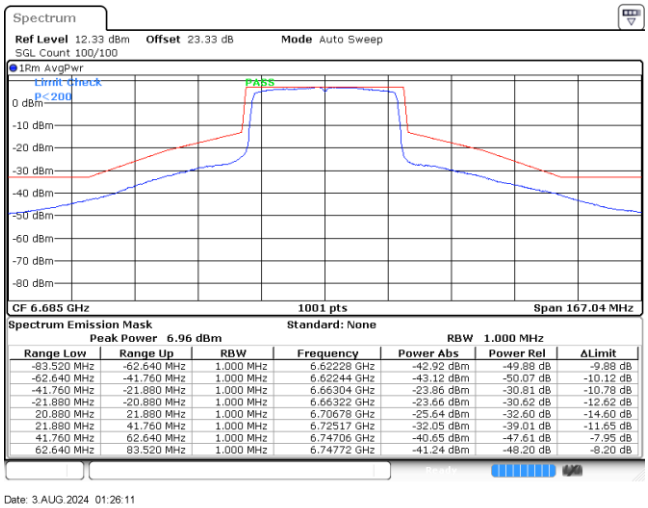
Date: 2.AUG.2024 20:15:10

Plot on Channel 6565MHz



Date: 3.AUG.2024 01:12:21

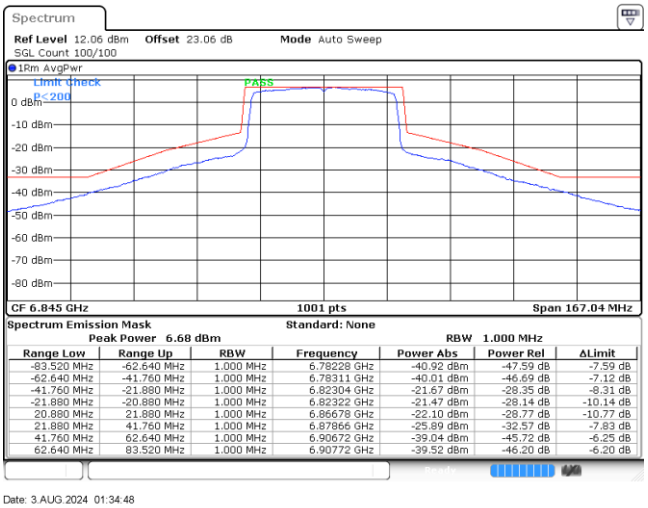
Plot on Channel 6685MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-83.520 MHz	-62.640 MHz	1.000 MHz	6.62228 GHz	-42.92 dBm	-49.88 dB	-9.88 dB
-62.640 MHz	-41.760 MHz	1.000 MHz	6.62244 GHz	-43.12 dBm	-50.07 dB	-10.12 dB
-41.760 MHz	-21.880 MHz	1.000 MHz	6.66304 GHz	-23.86 dBm	-30.81 dB	-10.78 dB
-21.880 MHz	-20.880 MHz	1.000 MHz	6.66322 GHz	-23.66 dBm	-30.62 dB	-12.62 dB
20.880 MHz	21.880 MHz	1.000 MHz	6.70678 GHz	-25.64 dBm	-32.60 dB	-14.60 dB
21.880 MHz	41.760 MHz	1.000 MHz	6.72517 GHz	-32.05 dBm	-39.01 dB	-11.65 dB
41.760 MHz	62.640 MHz	1.000 MHz	6.74706 GHz	-40.65 dBm	-47.61 dB	-7.95 dB
62.640 MHz	83.520 MHz	1.000 MHz	6.74772 GHz	-41.24 dBm	-48.20 dB	-8.20 dB

Date: 3.AUG.2024 01:26:11

Plot on Channel 6845MHz

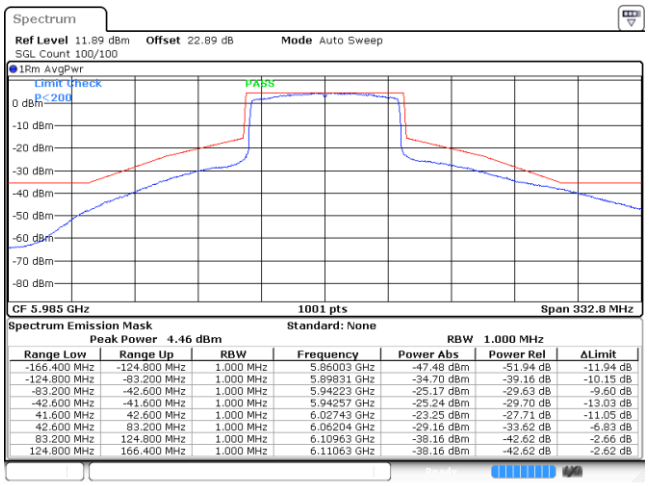


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-83.520 MHz	-62.640 MHz	1.000 MHz	6.78228 GHz	-40.92 dBm	-47.59 dB	-7.59 dB
-62.640 MHz	-41.760 MHz	1.000 MHz	6.78311 GHz	-40.01 dBm	-46.69 dB	-7.12 dB
-41.760 MHz	-21.880 MHz	1.000 MHz	6.82304 GHz	-21.67 dBm	-28.35 dB	-8.31 dB
-21.880 MHz	-20.880 MHz	1.000 MHz	6.82322 GHz	-21.47 dBm	-28.14 dB	-10.14 dB
20.880 MHz	21.880 MHz	1.000 MHz	6.86678 GHz	-22.10 dBm	-28.77 dB	-10.77 dB
21.880 MHz	41.760 MHz	1.000 MHz	6.87866 GHz	-25.89 dBm	-32.57 dB	-7.83 dB
41.760 MHz	62.640 MHz	1.000 MHz	6.90672 GHz	-39.04 dBm	-45.72 dB	-6.25 dB
62.640 MHz	83.520 MHz	1.000 MHz	6.90772 GHz	-39.52 dBm	-46.20 dB	-6.20 dB

Date: 3.AUG.2024 01:34:48

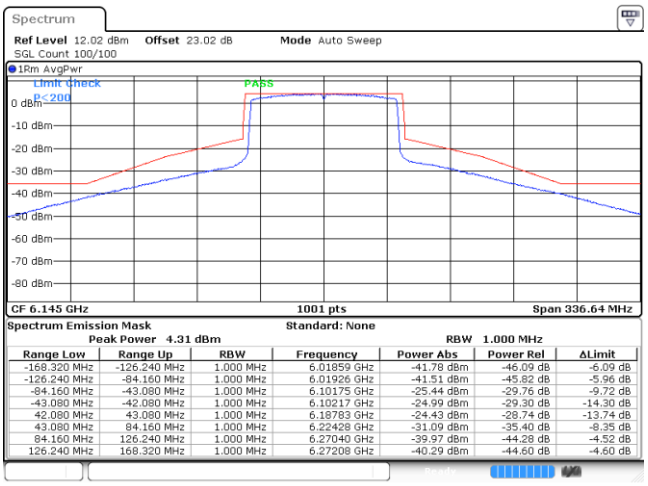
EUT Mode :	802.11ax HE80

Plot on Channel 5985MHz



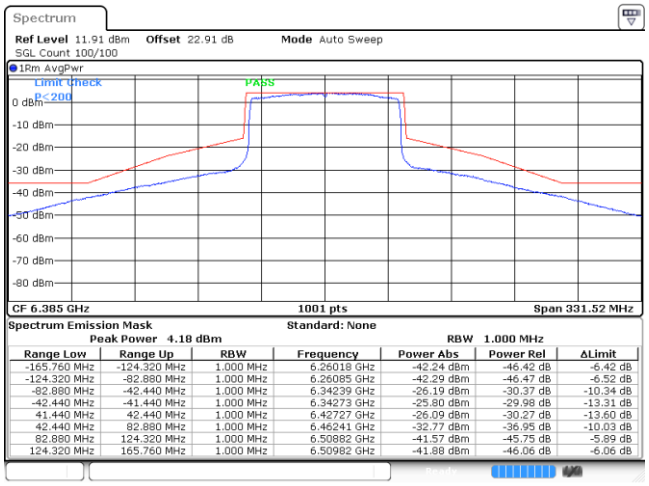
Date: 2.AUG.2024 20:39:27

Plot on Channel 6145MHz



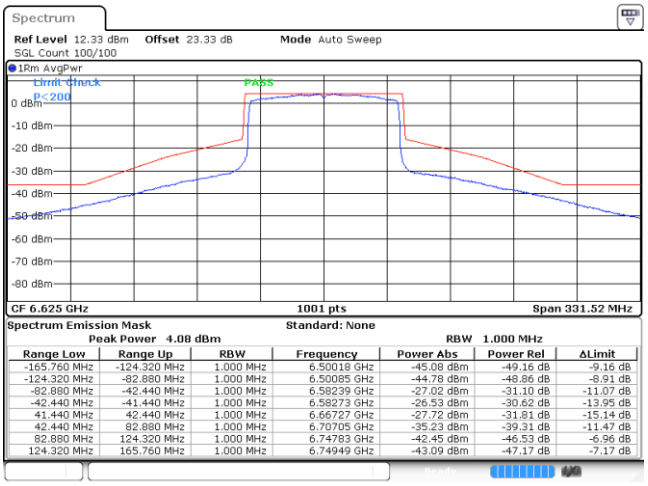
Date: 2.AUG.2024 20:49:27

Plot on Channel 6385MHz



Date: 2.AUG.2024 21:10:53

Plot on Channel 6625MHz



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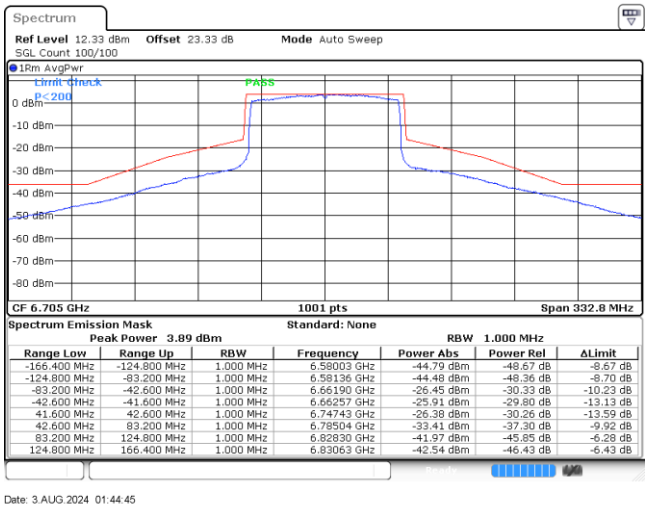
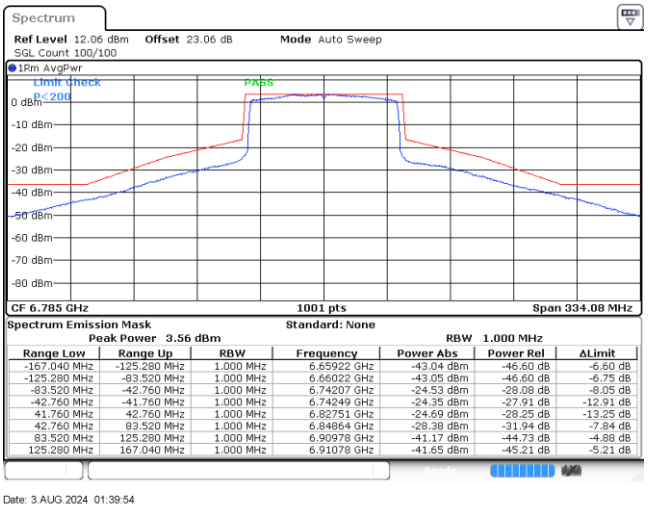
Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-166.400 MHz	-124.800 MHz	1.000 MHz	6.58003 GHz	-44.79 dBm	-48.67 dB	-8.67 dB
-124.800 MHz	-83.200 MHz	1.000 MHz	6.58136 GHz	-44.48 dBm	-48.36 dB	-8.70 dB
-83.200 MHz	-42.600 MHz	1.000 MHz	6.66190 GHz	-26.45 dBm	-30.33 dB	-10.23 dB
-42.600 MHz	-41.600 MHz	1.000 MHz	6.66257 GHz	-25.91 dBm	-29.80 dB	-13.13 dB
41.600 MHz	42.600 MHz	1.000 MHz	6.74743 GHz	-26.38 dBm	-30.26 dB	-13.59 dB
42.600 MHz	83.200 MHz	1.000 MHz	6.78504 GHz	-33.41 dBm	-37.30 dB	-9.92 dB
83.200 MHz	124.800 MHz	1.000 MHz	6.82830 GHz	-41.97 dBm	-45.85 dB	-6.28 dB
124.800 MHz	166.400 MHz	1.000 MHz	6.83063 GHz	-42.54 dBm	-46.43 dB	-6.43 dB

Date: 3.AUG.2024 01:44:45

Plot on Channel 6785MHz

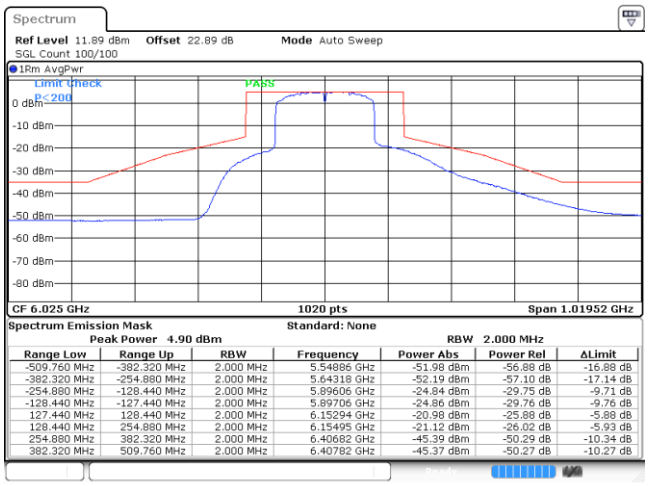


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-167.040 MHz	-125.280 MHz	1.000 MHz	6.65922 GHz	-43.04 dBm	-46.60 dB	-6.60 dB
-125.280 MHz	-83.520 MHz	1.000 MHz	6.66022 GHz	-43.05 dBm	-46.60 dB	-6.75 dB
-83.520 MHz	-42.760 MHz	1.000 MHz	6.74207 GHz	-24.53 dBm	-28.08 dB	-8.05 dB
-42.760 MHz	-41.760 MHz	1.000 MHz	6.74249 GHz	-24.35 dBm	-27.91 dB	-12.91 dB
41.760 MHz	42.760 MHz	1.000 MHz	6.82751 GHz	-24.69 dBm	-28.25 dB	-13.25 dB
42.760 MHz	83.520 MHz	1.000 MHz	6.84864 GHz	-28.38 dBm	-31.94 dB	-7.84 dB
83.520 MHz	125.280 MHz	1.000 MHz	6.90978 GHz	-41.17 dBm	-44.73 dB	-4.88 dB
125.280 MHz	167.040 MHz	1.000 MHz	6.91078 GHz	-41.65 dBm	-45.21 dB	-5.21 dB

Date: 3.AUG.2024 01:39:54

EUT Mode :	802.11ax HE160

Plot on Channel 6025MHz



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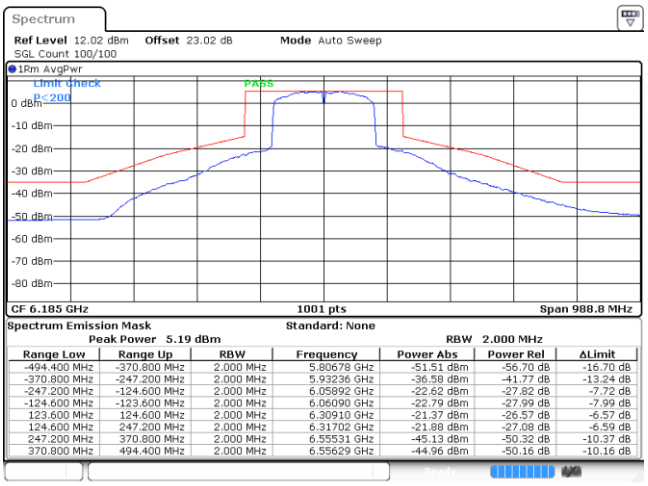
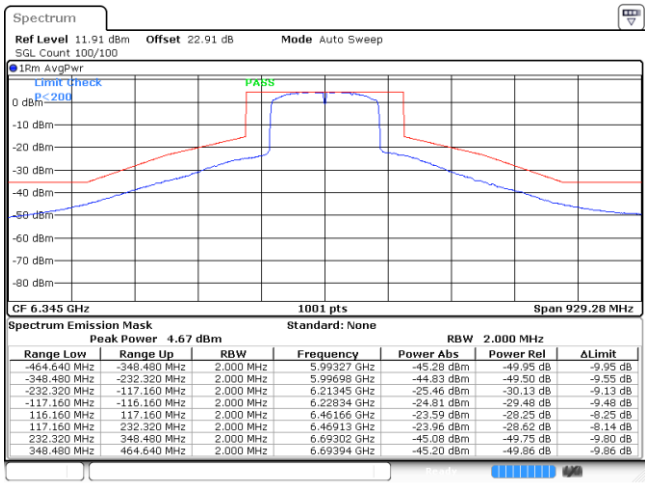
Plot on Channel 6185MHz



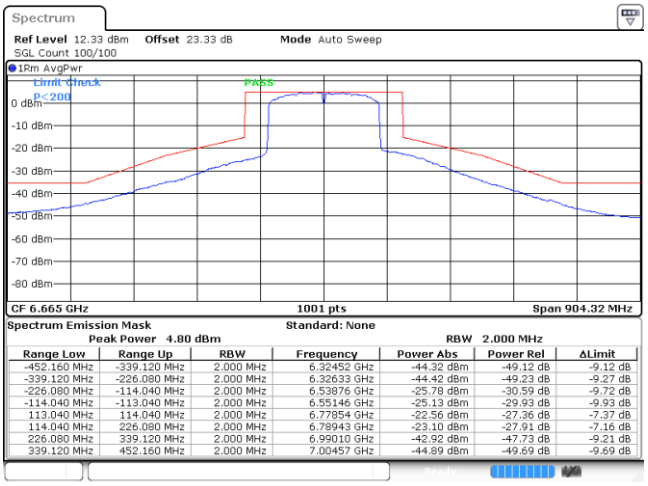
Date: 2.AUG.2024 23:09:31

Plot on Channel 6345MHz



Date: 2.AUG.2024 23:35:21

Plot on Channel 6665MHz



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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 v03 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 1000 MHz

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

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

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

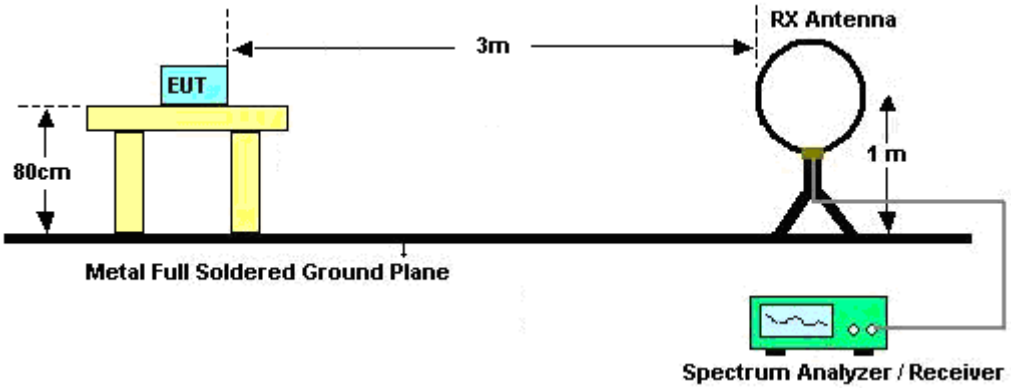
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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 “-“.

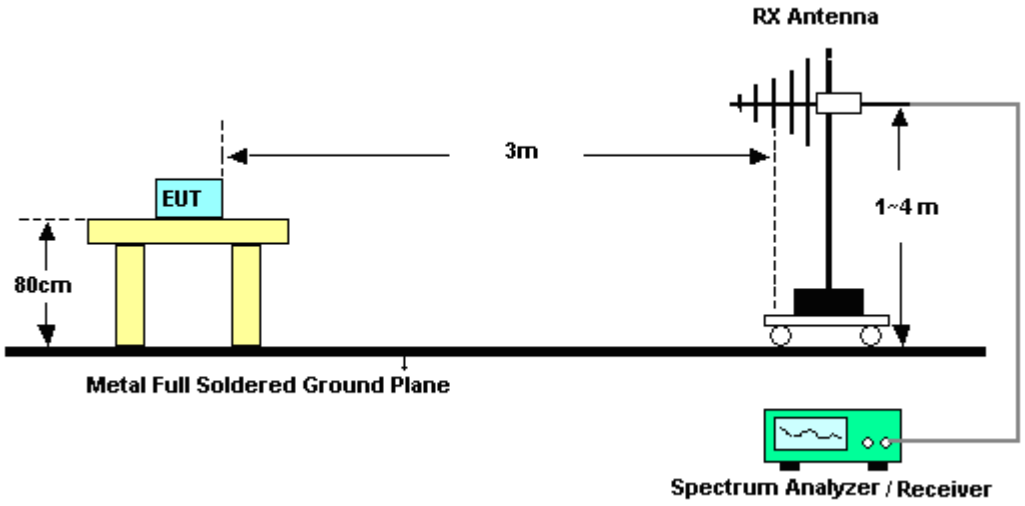
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

3.5.4 Test Setup

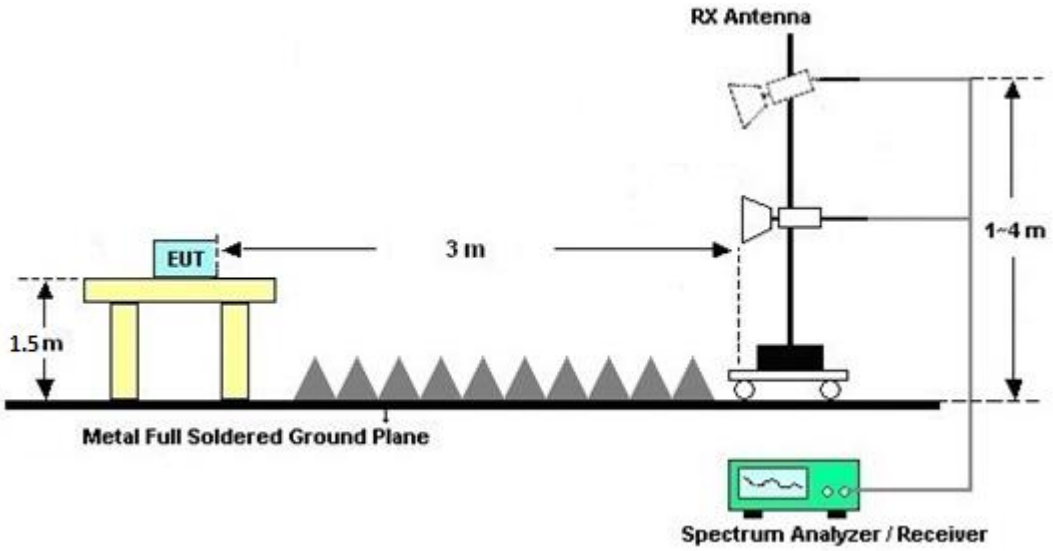
For radiated emissions below 30MHz



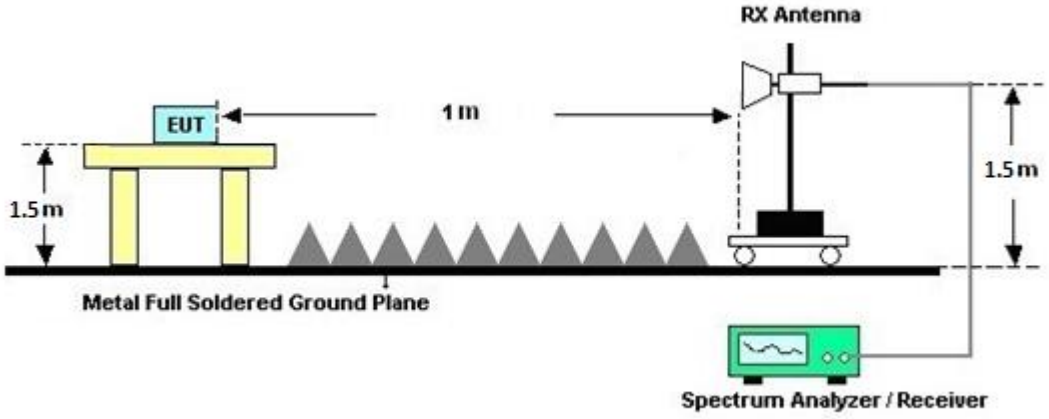
For radiated emissions from 30MHz to 1GHz



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.

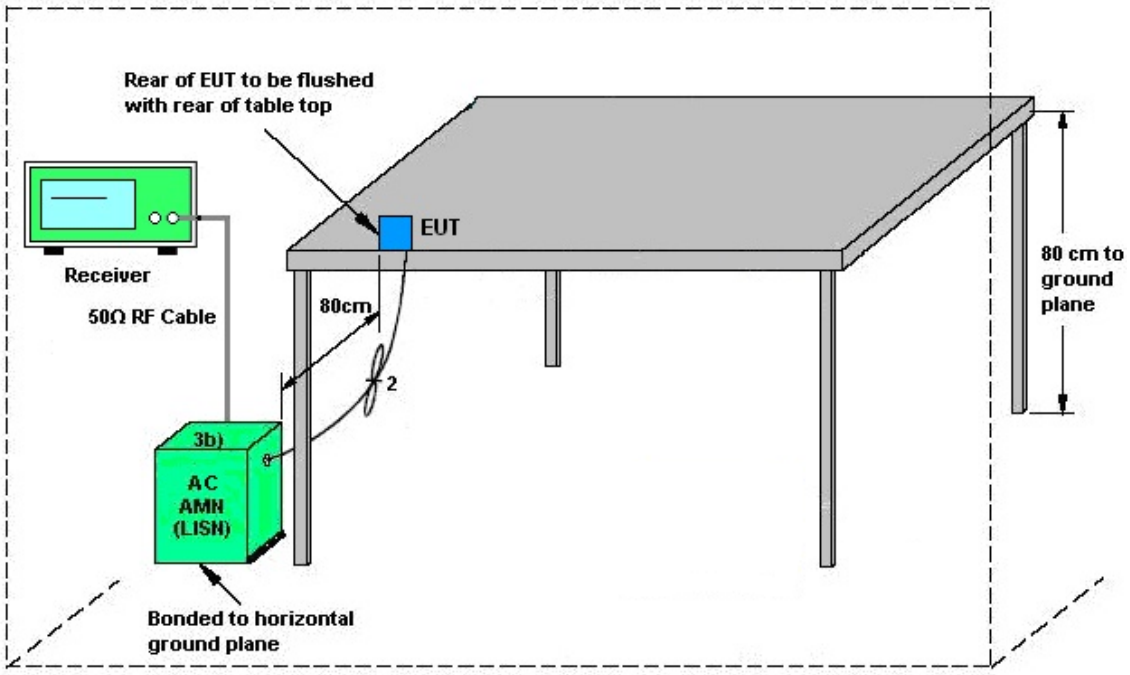
3.6.2 Measuring Instruments

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



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

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. 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 provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.7.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jun. 20, 2022	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Aug. 10, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 09, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jul. 08, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 07, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 19, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 08, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	1GHz~18GHz	Mar. 30, 2021	Aug. 15, 2021~ Nov. 05, 2021	Mar. 29, 2022	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000550004	1GHz~18GHz	Jul. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	60725	18GHz-40GHz	Jul. 21, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 05, 2021	Aug. 15, 2021~ Nov. 05, 2021	Mar. 04, 2022	Radiation (03CH02-CA)
Filter	Warison	WFIL-H8000-25000F-01	WR32BNW2B1	8 GHz High Pass Filter	Jul. 14, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 13, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN10	3 GHz High Pass Filter	Jul. 23, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN1	1.2G Low Pass	Jul. 23, 2021	Aug. 15, 2021~ Nov. 05, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	Aug. 15, 2021~ Nov. 05, 2021	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Aug. 15, 2021~ Nov. 05, 2021	N/A	Radiation (03CH02-CA)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LISN	TESEQ	NNB51	47407	N/A	Jul. 21, 2021	Dec. 17, 2021	Jul. 20, 2022	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 02, 2021	Dec. 17, 2021	Jun. 01, 2022	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jul. 07, 2021	Dec. 17, 2021	Jul. 06, 2022	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Dec. 17, 2021	N/A	Conduction (CO01-CA)
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 30, 2023	Aug. 02, 2024~ Aug. 07, 2024	Aug. 29, 2024	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Oct. 29, 2023	Aug. 02, 2024~ Aug. 07, 2024	Oct. 28, 2024	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Apr. 24, 2024	Aug. 02, 2024~ Aug. 07, 2024	Apr. 23, 2025	Conducted (TH01-CA)
Power Sensor	Raditeq	RPR3008W	RPR8W-2301002	10MHz-8GHz	Feb. 22, 2024	Aug. 02, 2024~ Aug. 07, 2024	Feb. 21, 2025	Conducted (TH01-CA)

5 Measurement Uncertainty

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

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

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

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

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

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

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Venkata Kondepudi	Temperature:	15.0~23.9	°C
Test Date:	2024/08/02~2024/08/07	Relative Humidity:	44.40~52.5	%

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO												
Mod.	Data Rate	N_{TX}	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	5955	16.78	16.79	16.76	16.79	22.32	22.56	22.24	22.16	
11a	6Mbps	2	6175	16.75	16.72	16.73	16.74	21.84	21.84	21.76	21.60	
11a	6Mbps	2	6415	16.74	16.72	16.71	16.75	22.00	21.60	21.76	21.76	

Note 1: For 20MHz, 40MHz,80MHz and 160MHz , the 26dB BW measurement is demonstrated in compliance with the limit

TEST RESULTS DATA
EIRP Power Table

UNII-5 Band																
Mod.	Data Rate	NTX	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	5955	21.68	21.85	24.78	3.70	28.48	36.00	Pass	21.81	21.85	24.91	3.80	28.71	36.00	Pass
11a	6Mbps	2	6175	21.68	21.92	24.81	3.70	28.51	36.00	Pass	21.88	21.92	25.00	3.80	28.80	36.00	Pass
11a	6Mbps	2	6415	21.52	21.88	24.71	3.70	28.41	36.00	Pass	21.81	21.63	24.73	3.80	28.53	36.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-5 Band																			
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted PSD-V with Duty Factor(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Duty Factor (dB)		Conducted PSD-H with Duty Factor(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant E	Ant H	Ant E	Ant H	SUM					Ant F	Ant G	Ant F	Ant G	SUM				
11a	6Mbps	2	5955	0.18	0.15			13.30	6.71	20.01	23.00	Pass	0.19	0.15			13.28	6.81	20.09	23.00	Pass
11a	6Mbps	2	6175	0.18	0.15			13.31	6.71	20.02	23.00	Pass	0.19	0.15			13.29	6.81	20.10	23.00	Pass
11a	6Mbps	2	6415	0.18	0.15			13.23	6.71	19.94	23.00	Pass	0.19	0.15			13.23	6.81	20.04	23.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

Note 4: All Path losses and Duty cycle factor are offset correctly into test results

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
				Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
11a	6Mbps	2	6535	16.72	16.73	16.69	16.74	22.16	21.36	21.68	21.44	
11a	6Mbps	2	6695	16.72	16.73	16.69	16.71	22.16	21.52	21.60	21.60	
11a	6Mbps	2	6855	16.76	16.78	16.73	16.77	22.16	22.24	22.00	22.64	

Note1: For 20MHz ,40MHz, 80MHz, 160MHz ,the 26dB measurement is demonstrated in compliance with the limit

TEST RESULTS DATA
EIRP Power Table

UNII-7 Band																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
11a	6Mbps	2	117	6535	21.67	21.82	24.76	3.70	28.46	36.00	Pass	21.76	21.83	24.81	3.80	28.61	36.00	Pass
11a	6Mbps	2	149	6695	21.14	21.46	24.31	3.70	28.01	36.00	Pass	21.28	21.46	24.38	3.80	28.18	36.00	Pass
11a	6Mbps	2	181	6855	21.66	21.80	24.74	3.70	28.44	36.00	Pass	21.41	21.85	24.65	3.80	28.45	36.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

UNII-7 Band																				
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted PSD-V with Duty Factor(dBm/MHz)			Directional Gain-V (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail	Duty Factor (dB)		Conducted PSD-H with Duty Factor(dBm/MHz)			Directional Gain-H (dBi)	EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	Ant E	Ant H	SUM					Ant F	Ant G	Ant F	Ant G	SUM				
11a	6Mbps	2	117	6535	0.18	0.15			13.26	6.71	19.97	23.00	Pass	0.19	0.15			13.31	6.81	20.12	23.00	Pass
11a	6Mbps	2	149	6695	0.18	0.15			12.88	6.71	19.59	23.00	Pass	0.19	0.15			13.05	6.81	19.86	23.00	Pass
11a	6Mbps	2	181	6855	0.18	0.15			12.63	6.71	19.34	23.00	Pass	0.19	0.15			12.62	6.81	19.43	23.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna
Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1
Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit
Note 4: All Path losses and Duty cycle factor are offset correctly into test results

TEST RESULTS DATA
26dB and 99% OBW

UNII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	5955	Full	19.14	19.17	19.19	19.13	22.72	23.12	24.00	22.80	
HE20	MCS0	2	6175	Full	19.14	19.12	19.15	19.13	22.64	22.48	22.32	22.80	
HE20	MCS0	2	6415	Full	19.13	19.14	19.15	19.12	22.88	22.88	22.88	23.04	
HE40	MCS0	2	5965	Full	37.99	38.00	38.04	37.98	42.08	43.36	50.88	50.72	
HE40	MCS0	2	6165	Full	37.82	37.77	37.85	37.84	41.60	41.44	42.24	41.60	
HE40	MCS0	2	6405	Full	37.82	37.78	37.81	37.83	41.60	41.60	42.08	41.92	
HE80	MCS0	2	5985	Full	77.15	77.12	77.14	77.18	83.20	83.84	83.52	83.20	
HE80	MCS0	2	6145	Full	77.07	77.00	77.06	77.13	83.52	83.20	83.52	84.16	
HE80	MCS0	2	6385	Full	77.04	77.03	77.06	77.14	82.88	83.52	82.88	82.88	
HE160	MCS0	2	6025	Full	155.82	155.74	155.94	156.01	221.28	239.52	218.88	254.88	
HE160	MCS0	2	6185	Full	155.43	155.41	156.01	156.96	242.88	224.16	240.48	247.20	
HE160	MCS0	2	6345	Full	155.60	155.39	155.84	155.55	170.40	177.60	255.36	232.32	

Note1: For 20MHz, 40MHz,80MHz and 160MHz , the 26dB BW measurement is demonstrated in compliance with the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-5 Band																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	001	5955	Full	21.66	21.68	24.68	3.70	28.38	36.00	Pass	21.75	21.95	24.86	3.80	28.66	36.00	Pass
HE20	MCS0	2	045	6175	Full	21.61	21.78	24.71	3.70	28.41	36.00	Pass	21.72	22.05	24.90	3.80	28.70	36.00	Pass
HE20	MCS0	2	093	6415	Full	21.46	21.78	24.63	3.70	28.33	36.00	Pass	21.73	21.44	24.60	3.80	28.40	36.00	Pass
HE40	MCS0	2	003	5965	Full	22.60	22.55	25.59	3.70	29.29	36.00	Pass	22.66	22.83	25.76	3.80	29.56	36.00	Pass
HE40	MCS0	2	043	6165	Full	22.59	22.70	25.66	3.70	29.36	36.00	Pass	22.56	22.67	25.63	3.80	29.43	36.00	Pass
HE40	MCS0	2	091	6405	Full	22.50	22.37	25.45	3.70	29.15	36.00	Pass	22.56	22.55	25.57	3.80	29.37	36.00	Pass
HE80	MCS0	2	007	5985	Full	22.31	22.36	25.35	3.70	29.05	36.00	Pass	22.30	22.53	25.43	3.80	29.23	36.00	Pass
HE80	MCS0	2	039	6145	Full	22.16	22.51	25.35	3.70	29.05	36.00	Pass	22.36	22.79	25.59	3.80	29.39	36.00	Pass
HE80	MCS0	2	087	6385	Full	22.00	22.27	25.15	3.70	28.85	36.00	Pass	22.26	22.33	25.31	3.80	29.11	36.00	Pass
HE160	MCS0	2	015	6025	Full	21.95	21.88	24.93	3.70	28.63	36.00	Pass	22.18	22.41	25.31	3.80	29.11	36.00	Pass
HE160	MCS0	2	047	6185	Full	22.85	23.14	26.01	3.70	29.71	36.00	Pass	22.92	23.47	26.21	3.80	30.01	36.00	Pass
HE160	MCS0	2	079	6345	Full	22.86	22.74	25.81	3.70	29.51	36.00	Pass	23.32	22.93	26.14	3.80	29.94	36.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 Band																					
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted PSD-V with Duty Factor(dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Duty Factor (dB)		Conducted PSD-H with Duty Factor(dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	Ant E	Ant H	SUM					Ant F	Ant G	Ant F	Ant G	SUM				
HE20	MCS0	2	5955	Full	0.25	0.28			12.44	6.71	19.15	23.00	Pass	0.28	0.31			12.67	6.81	19.48	23.00	Pass
HE20	MCS0	2	6175	Full	0.25	0.28			12.62	6.71	19.33	23.00	Pass	0.28	0.31			12.71	6.81	19.52	23.00	Pass
HE20	MCS0	2	6415	Full	0.25	0.28			12.54	6.71	19.25	23.00	Pass	0.28	0.31			12.50	6.81	19.31	23.00	Pass
HE40	MCS0	2	5965	Full	0.28	0.31			10.33	6.71	17.04	23.00	Pass	0.34	0.34			10.64	6.81	17.45	23.00	Pass
HE40	MCS0	2	6165	Full	0.28	0.31			10.47	6.71	17.18	23.00	Pass	0.34	0.34			10.66	6.81	17.47	23.00	Pass
HE40	MCS0	2	6405	Full	0.28	0.31			10.29	6.71	17.00	23.00	Pass	0.34	0.34			10.46	6.81	17.27	23.00	Pass
HE80	MCS0	2	5985	Full	0.32	0.32			7.27	6.71	13.98	23.00	Pass	0.35	0.34			7.44	6.81	14.25	23.00	Pass
HE80	MCS0	2	6145	Full	0.32	0.32			7.23	6.71	13.94	23.00	Pass	0.35	0.34			7.41	6.81	14.22	23.00	Pass
HE80	MCS0	2	6385	Full	0.32	0.32			7.15	6.71	13.86	23.00	Pass	0.35	0.34			7.30	6.81	14.11	23.00	Pass
HE160	MCS0	2	6025	Full	0.32	0.35			4.20	6.71	10.91	23.00	Pass	0.32	0.31			4.41	6.81	11.22	23.00	Pass
HE160	MCS0	2	6185	Full	0.32	0.35			5.02	6.71	11.73	23.00	Pass	0.32	0.31			5.25	6.81	12.06	23.00	Pass
HE160	MCS0	2	6345	Full	0.32	0.35			5.01	6.71	11.72	23.00	Pass	0.32	0.31			5.22	6.81	12.03	23.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

Note 4: All path losses and Duty cycle factor are offset correctly into test results

TEST RESULTS DATA
26dB and 99% OBW

UNII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant E	Ant H	Ant F	Ant G	Ant E	Ant H	Ant F	Ant G	
HE20	MCS0	2	6535	Full	19.12	19.14	19.13	19.11	22.64	22.64	22.72	22.72	
HE20	MCS0	2	6695	Full	19.13	19.12	19.15	19.14	22.80	22.48	23.28	22.56	
HE20	MCS0	2	6855	Full	19.16	19.17	19.18	19.14	22.24	23.44	23.04	22.48	
HE40	MCS0	2	6565	Full	37.79	37.81	37.80	37.76	41.92	42.08	41.76	41.60	
HE40	MCS0	2	6685	Full	37.80	37.81	38.86	37.85	42.08	41.92	41.92	41.76	
HE40	MCS0	2	6845	Full	37.97	38.05	37.86	37.94	41.76	44.64	41.60	41.76	
HE80	MCS0	2	6625	Full	77.00	77.07	77.08	76.98	83.20	83.20	82.56	82.88	
HE80	MCS0	2	6705	Full	77.08	77.10	77.13	77.07	83.20	83.52	82.88	83.20	
HE80	MCS0	2	6785	Full	77.13	77.15	77.18	77.24	82.56	98.56	83.52	83.52	
HE160	MCS0	2	6665	Full	155.55	155.79	155.65	155.67	220.32	241.44	221.76	226.08	

Note1: For 20MHz, 40MHz,80MHz and 160MHz , the 26dB BW measurement is demonstrated in compliance with the limit

TEST RESULTS DATA
EIRP Power Table

U-NII-7 Band																		
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Average Conducted Power-V (dBm)			Directional Gain-V (dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H (dBm)			Directional Gain-H (dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full	21.57	21.82	24.71	3.70	28.41	36.00	Pass	21.75	21.83	24.80	3.80	28.60	36.00	Pass
HE20	MCS0	2	6695	Full	21.12	21.35	24.25	3.70	27.95	36.00	Pass	21.17	21.14	24.17	3.80	27.97	36.00	Pass
HE20	MCS0	3	6855	Full	21.56	21.70	24.64	3.70	28.34	36.00	Pass	21.40	21.64	24.53	3.80	28.33	36.00	Pass
HE40	MCS0	2	6565	Full	23.01	22.66	25.85	3.70	29.55	36.00	Pass	22.61	22.63	25.63	3.80	29.43	36.00	Pass
HE40	MCS0	2	6685	Full	22.15	22.13	25.15	3.70	28.85	36.00	Pass	22.06	22.33	25.21	3.80	29.01	36.00	Pass
HE40	MCS0	2	6845	Full	22.37	22.52	25.46	3.70	29.16	36.00	Pass	22.08	22.67	25.40	3.80	29.20	36.00	Pass
HE80	MCS0	2	6625	Full	22.07	22.21	25.15	3.70	28.85	36.00	Pass	22.15	22.30	25.24	3.80	29.04	36.00	Pass
HE80	MCS0	2	6705	Full	21.98	22.12	25.06	3.70	28.76	36.00	Pass	22.05	22.14	25.11	3.80	28.91	36.00	Pass
HE80	MCS0	2	6785	Full	22.06	22.34	25.21	3.70	28.91	36.00	Pass	22.08	22.35	25.23	3.80	29.03	36.00	Pass
HE160	MCS0	2	6665	Full	22.78	22.82	25.81	3.70	29.51	36.00	Pass	22.72	23.10	25.92	3.80	29.72	36.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 Band																					
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted PSD-V with Duty Factor(dBm/MHz)			Directional Gain-V (dBi)	EIRP PSD-V (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail	Duty Factor (dB)		Conducted PSD-H with Duty Factor(dBm/MHz)			Directional Gain-H (dBi)	EIRP PSD-H (dBm)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant E	Ant H	Ant E	Ant H	SUM					Ant F	Ant G	Ant F	Ant G	SUM				
HE20	MCS0	2	6535	Full	0.25	0.28			12.48	6.71	19.19	23.00	Pass	0.28	0.31			12.62	6.81	19.43	23.00	Pass
HE20	MCS0	2	6695	Full	0.25	0.28			12.27	6.71	18.98	23.00	Pass	0.28	0.31			12.44	6.81	19.25	23.00	Pass
HE20	MCS0	2	6855	Full	0.25	0.28			11.99	6.71	18.70	23.00	Pass	0.28	0.31			11.82	6.81	18.63	23.00	Pass
HE40	MCS0	2	6565	Full	0.28	0.31			10.56	6.71	17.27	23.00	Pass	0.34	0.34			10.56	6.81	17.37	23.00	Pass
HE40	MCS0	2	6685	Full	0.28	0.31			10.13	6.71	16.84	23.00	Pass	0.34	0.34			10.27	6.81	17.08	23.00	Pass
HE40	MCS0	2	6845	Full	0.28	0.31			9.92	6.71	16.63	23.00	Pass	0.34	0.34			9.76	6.81	16.57	23.00	Pass
HE80	MCS0	2	6625	Full	0.32	0.32			7.25	6.71	13.96	23.00	Pass	0.35	0.34			7.45	6.81	14.26	23.00	Pass
HE80	MCS0	2	6705	Full	0.32	0.32			7.00	6.71	13.71	23.00	Pass	0.35	0.34			7.24	6.81	14.05	23.00	Pass
HE80	MCS0	2	6785	Full	0.32	0.32			6.71	6.71	13.42	23.00	Pass	0.35	0.34			6.68	6.81	13.49	23.00	Pass
HE160	MCS0	2	6665	Full	0.32	0.35			4.93	6.71	11.64	23.00	Pass	0.32	0.31			5.04	6.81	11.85	23.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 10*log(Nant/Nss)= 10*log(2/1) = 3.01 dB ; Nant=2 and Nss=1

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP PSD of each polarization must individually be below the limit

Note 4: All path losses and Duty cycle factor are offset correctly into test results

TEST RESULTS DATA
EIRP Power Table

UNII-5 Band																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	001	5955	21.67	21.61	24.65	3.70	28.35	30.00	Pass	21.63	21.90	24.78	3.80	28.58	30.00	Pass
HT20	MCS0	2	045	6175	21.56	21.81	24.70	3.70	28.40	30.00	Pass	21.69	21.79	24.75	3.80	28.55	30.00	Pass
HT20	MCS0	2	093	6415	21.40	21.41	24.42	3.70	28.12	30.00	Pass	21.57	21.43	24.51	3.80	28.31	30.00	Pass
HT40	MCS0	2	003	5965	22.77	22.32	25.56	3.70	29.26	30.00	Pass	22.64	22.81	25.74	3.80	29.54	30.00	Pass
HT40	MCS0	2	043	6165	22.57	22.67	25.63	3.70	29.33	30.00	Pass	22.54	22.63	25.60	3.80	29.40	30.00	Pass
HT40	MCS0	2	091	6405	22.49	33.34	25.43	3.70	29.13	30.00	Pass	22.48	22.50	25.50	3.80	29.30	30.00	Pass
VHT20	MCS0	2	001	5955	21.59	21.55	24.58	3.70	28.28	30.00	Pass	21.65	21.91	24.79	3.80	28.59	30.00	Pass
VHT20	MCS0	2	045	6175	21.46	21.88	24.69	3.70	28.39	30.00	Pass	21.60	21.83	24.73	3.80	28.53	30.00	Pass
VHT20	MCS0	2	093	6415	21.44	21.49	24.48	3.70	28.18	30.00	Pass	21.61	21.45	24.54	3.80	28.34	30.00	Pass
VHT40	MCS0	2	003	5965	22.76	22.38	25.58	3.70	29.28	30.00	Pass	22.60	22.85	25.74	3.80	29.54	30.00	Pass
VHT40	MCS0	2	043	6165	22.60	22.68	25.65	3.70	29.35	30.00	Pass	22.51	22.70	25.62	3.80	29.42	30.00	Pass
VHT40	MCS0	2	091	6405	22.48	22.37	25.44	3.70	29.14	30.00	Pass	22.56	22.54	25.56	3.80	29.36	30.00	Pass
VHT80	MCS0	2	007	5985	22.29	22.35	25.33	3.70	29.03	30.00	Pass	22.28	22.51	25.41	3.80	29.21	30.00	Pass
VHT80	MCS0	2	039	6145	22.15	22.46	25.32	3.70	29.02	30.00	Pass	22.41	22.71	25.57	3.80	29.37	30.00	Pass
VHT80	MCS0	2	087	6385	21.95	22.31	25.14	3.70	28.84	30.00	Pass	22.27	22.31	25.30	3.80	29.10	30.00	Pass
VHT160	MCS0	2	015	6025	21.88	21.91	24.91	3.70	28.61	30.00	Pass	22.16	22.40	25.29	3.80	29.09	30.00	Pass
VHT160	MCS0	2	047	6185	22.73	23.19	25.98	3.70	29.68	30.00	Pass	22.97	23.36	26.18	3.80	29.98	30.00	Pass
VHT160	MCS0	2	079	6345	22.76	22.78	25.78	3.70	29.48	30.00	Pass	23.18	22.93	26.07	3.80	29.87	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

TEST RESULTS DATA
EIRP Power Table

UNII-7 Band																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power-V(dBm)			Directional Gain-V(dBi)	EIRP Power-V (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Average Conducted Power-H(dBm)			Directional Gain-H(dBi)	EIRP Power-H (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant E	Ant H	SUM					Ant F	Ant G	SUM				
HT20	MCS0	2	117	6535	21.53	21.67	24.61	3.70	28.31	30.00	Pass	21.62	21.82	24.73	3.80	28.53	30.00	Pass
HT20	MCS0	2	149	6695	20.87	21.24	24.07	3.70	27.77	30.00	Pass	21.02	21.25	24.15	3.80	27.95	30.00	Pass
HT20	MCS0	2	181	6855	21.57	21.66	24.63	3.70	28.33	30.00	Pass	21.24	2.59	24.43	3.80	28.23	30.00	Pass
HT40	MCS0	2	123	6565	23.01	22.32	25.80	3.70	29.50	30.00	Pass	22.57	22.77	25.61	3.80	29.41	30.00	Pass
HT40	MCS0	2	147	6685	22.12	22.67	25.14	3.70	28.84	30.00	Pass	22.04	22.62	25.20	3.80	29.00	30.00	Pass
HT40	MCS0	2	179	6845	22.39	22.34	25.42	3.70	29.12	30.00	Pass	22.06	22.33	25.38	3.80	29.18	30.00	Pass
VHT20	MCS0	2	117	6535	21.42	21.57	24.50	3.70	28.20	30.00	Pass	21.51	22.65	24.60	3.80	28.40	30.00	Pass
VHT20	MCS0	2	149	6695	20.86	21.12	24.00	3.70	27.70	30.00	Pass	20.95	21.21	24.09	3.80	27.89	30.00	Pass
VHT20	MCS0	2	181	6855	21.45	21.60	24.54	3.70	28.24	30.00	Pass	21.17	21.51	24.35	3.80	28.15	30.00	Pass
VHT40	MCS0	2	123	6565	23.01	22.65	25.84	3.70	29.54	30.00	Pass	22.56	22.63	25.61	3.80	29.41	30.00	Pass
VHT40	MCS0	2	147	6685	22.07	22.19	25.14	3.70	28.84	30.00	Pass	22.05	22.31	25.19	3.80	28.99	30.00	Pass
VHT40	MCS0	2	179	6845	22.30	22.55	25.44	3.70	29.14	30.00	Pass	22.05	22.66	25.38	3.80	29.18	30.00	Pass
VHT80	MCS0	2	135	6625	22.12	22.14	25.14	3.70	28.84	30.00	Pass	22.07	22.33	25.21	3.80	29.01	30.00	Pass
VHT80	MCS0	2	151	6705	21.88	22.15	25.03	3.70	28.73	30.00	Pass	21.98	22.17	25.09	3.80	28.89	30.00	Pass
VHT80	MCS0	2	167	6785	22.00	22.35	25.19	3.70	28.89	30.00	Pass	21.97	22.35	25.17	3.80	28.97	30.00	Pass
VHT160	MCS0	2	143	6665	22.70	22.86	25.79	3.70	29.49	30.00	Pass	22.71	23.06	25.90	3.80	29.70	30.00	Pass

Note 1: The device has 4 antennas, each of which has one of two polarizations that are orthogonal to one another.
Each polarization has 2 antenna

Note 2: Directional Gain =G_{MAX} + Array Gain
Array Gain = 0 dBi for Nant <= 4 in CDD mode.

Note 3: One of the polarization is a 90-degree phase-shifted replica of the other.
EIRP of each polarization must individually be below the limit

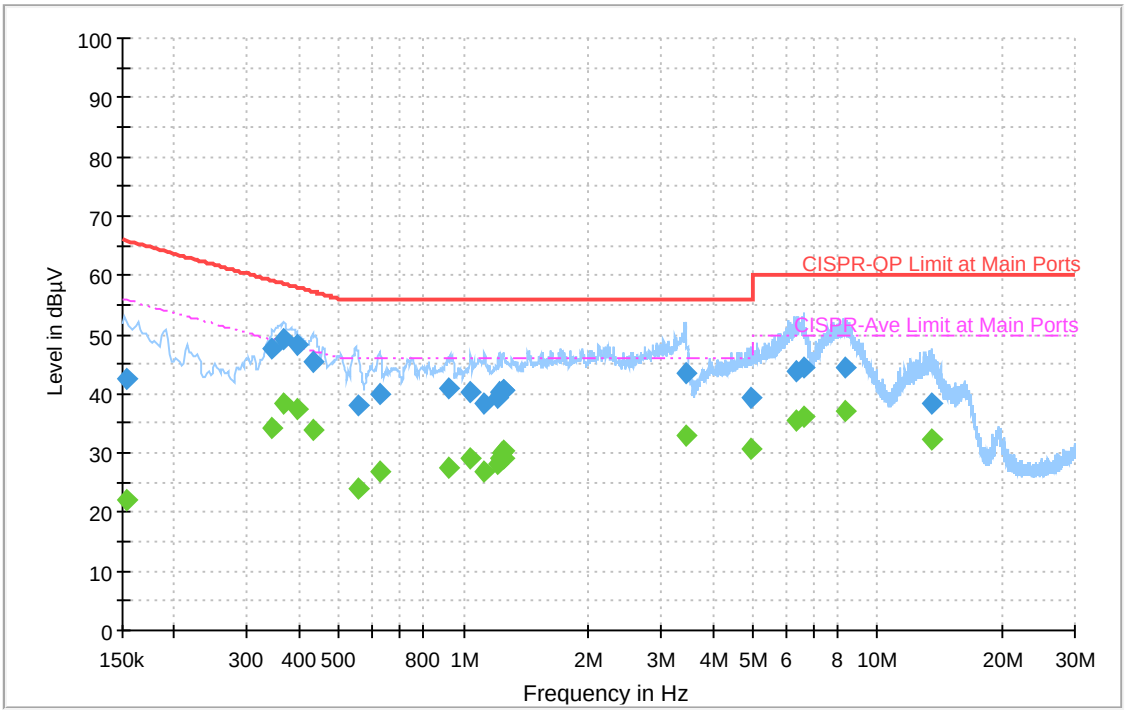
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Paul Lin	**Temperature :**	18~21℃
		Relative Humidity :	42~45%

EUT Information

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

Full Spectrum



Final_Result

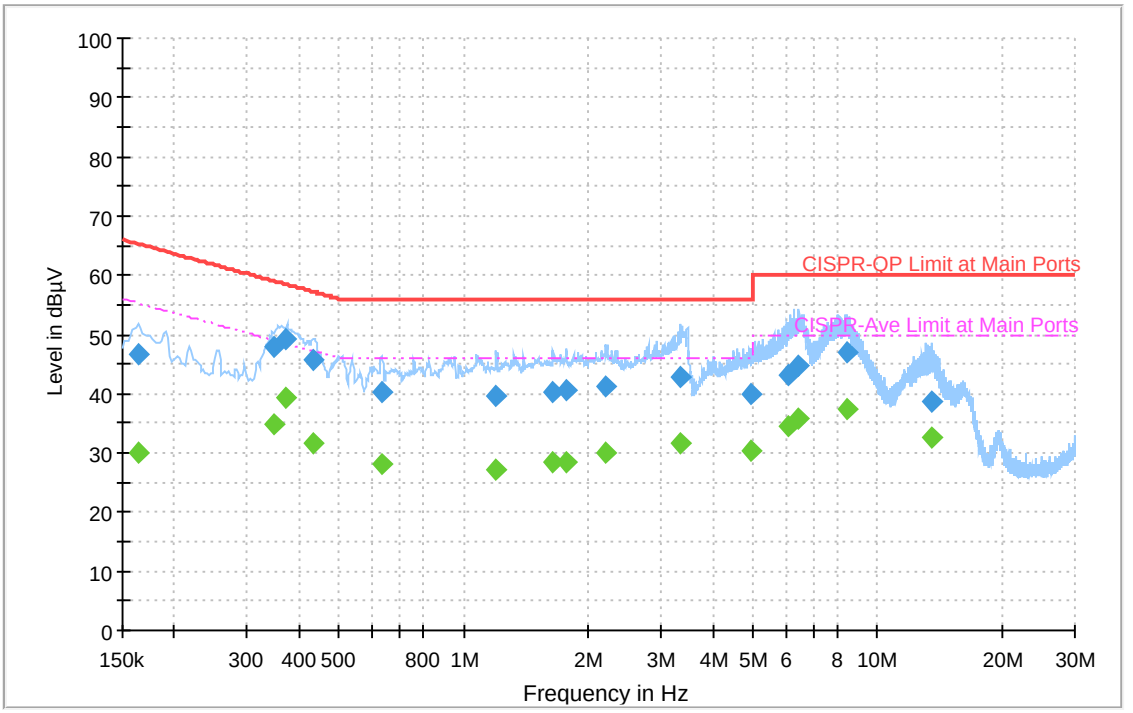
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152842	---	22.07	55.84	33.77	L1	OFF	20.3
0.152842	42.47	---	65.84	23.37	L1	OFF	20.3
0.344679	---	34.08	49.09	15.01	L1	OFF	20.3
0.344679	47.68	---	59.09	11.41	L1	OFF	20.3
0.368988	---	38.28	48.52	10.24	L1	OFF	20.3
0.368988	49.25	---	58.52	9.27	L1	OFF	20.3
0.395673	---	37.35	47.94	10.59	L1	OFF	20.3
0.395673	48.33	---	57.94	9.61	L1	OFF	20.3
0.431682	---	33.88	47.22	13.34	L1	OFF	20.3
0.431682	45.30	---	57.22	11.92	L1	OFF	20.3
0.554001	---	24.08	46.00	21.92	L1	OFF	20.3
0.554001	37.99	---	56.00	18.01	L1	OFF	20.3
0.624975	---	26.87	46.00	19.13	L1	OFF	20.3
0.624975	39.81	---	56.00	16.19	L1	OFF	20.3
0.921750	---	27.42	46.00	18.58	L1	OFF	20.3
0.921750	40.99	---	56.00	15.01	L1	OFF	20.3
1.037688	---	29.05	46.00	16.95	L1	OFF	20.3
1.037688	40.23	---	56.00	15.77	L1	OFF	20.3
1.120443	---	26.86	46.00	19.14	L1	OFF	20.3
1.120443	38.19	---	56.00	17.81	L1	OFF	20.3
1.212459	---	28.21	46.00	17.79	L1	OFF	20.3

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
1.212459	39.44	---	56.00	16.56	L1	OFF	20.3
1.226589	---	28.92	46.00	17.08	L1	OFF	20.3
1.226589	40.12	---	56.00	15.88	L1	OFF	20.3
1.236498	---	29.92	46.00	16.08	L1	OFF	20.3
1.236498	40.32	---	56.00	15.68	L1	OFF	20.3
1.244814	---	30.43	46.00	15.57	L1	OFF	20.3
1.244814	40.65	---	56.00	15.35	L1	OFF	20.3
1.244904	---	29.20	46.00	16.80	L1	OFF	20.3
1.244904	40.50	---	56.00	15.50	L1	OFF	20.3
3.431787	---	32.95	46.00	13.05	L1	OFF	20.4
3.431787	43.40	---	56.00	12.60	L1	OFF	20.4
4.930359	---	30.75	46.00	15.25	L1	OFF	20.4
4.930359	39.17	---	56.00	16.83	L1	OFF	20.4
6.328041	---	35.54	50.00	14.46	L1	OFF	20.4
6.328041	43.91	---	60.00	16.09	L1	OFF	20.4
6.612828	---	36.14	50.00	13.86	L1	OFF	20.4
6.612828	44.35	---	60.00	15.65	L1	OFF	20.4
8.328966	---	36.93	50.00	13.07	L1	OFF	20.5
8.328966	44.33	---	60.00	15.67	L1	OFF	20.5
13.504650	---	32.27	50.00	17.73	L1	OFF	20.5
13.504650	38.47	---	60.00	21.53	L1	OFF	20.5

EUT Information

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

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.164013	---	30.02	55.26	25.24	N	OFF	20.2
0.164013	46.57	---	65.26	18.69	N	OFF	20.2
0.346686	---	34.68	49.04	14.36	N	OFF	20.3
0.346686	47.93	---	59.04	11.11	N	OFF	20.3
0.371220	---	39.19	48.47	9.28	N	OFF	20.3
0.371220	49.18	---	58.47	9.29	N	OFF	20.3
0.431466	---	31.61	47.22	15.61	N	OFF	20.3
0.431466	45.58	---	57.22	11.64	N	OFF	20.3
0.634965	---	28.24	46.00	17.76	N	OFF	20.3
0.634965	40.28	---	56.00	15.72	N	OFF	20.3
1.201767	---	27.19	46.00	18.81	N	OFF	20.3
1.201767	39.64	---	56.00	16.36	N	OFF	20.3
1.643937	---	28.28	46.00	17.72	N	OFF	20.3
1.643937	40.41	---	56.00	15.59	N	OFF	20.3
1.769316	---	28.56	46.00	17.44	N	OFF	20.3
1.769316	40.70	---	56.00	15.30	N	OFF	20.3
2.210307	---	29.92	46.00	16.08	N	OFF	20.3
2.210307	41.21	---	56.00	14.79	N	OFF	20.3
3.341571	---	31.60	46.00	14.40	N	OFF	20.3
3.341571	42.83	---	56.00	13.17	N	OFF	20.3
4.944102	---	30.33	46.00	15.67	N	OFF	20.4

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
4.944102	39.82	---	56.00	16.18	N	OFF	20.4
6.084978	---	34.41	50.00	15.59	N	OFF	20.4
6.084978	43.29	---	60.00	16.71	N	OFF	20.4
6.428850	---	35.93	50.00	14.07	N	OFF	20.4
6.428850	44.78	---	60.00	15.22	N	OFF	20.4
8.447487	---	37.29	50.00	12.71	N	OFF	20.4
8.447487	46.85	---	60.00	13.15	N	OFF	20.4
13.513740	---	32.58	50.00	17.42	N	OFF	20.5
13.513740	38.75	---	60.00	21.25	N	OFF	20.5

Appendix C. Radiated Spurious Emission

Test Engineer :	Michael Bui and Daniel Lee	Temperature :	20~23°C
		Relative Humidity :	40~43%

<CDD Mode>

MIMO <Ant. E+F+G+H>

UNII-5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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		5922.58	63.25	-24.95	88.2	48.98	32.52	11.99	30.24	376	292	P	H
		5922.02	54.07	-14.13	68.2	39.8	32.52	11.99	30.24	376	292	A	H
	*	5955	122.84	-	-	108.5	32.56	12.03	30.25	376	292	P	H
	*	5955	114.53	-	-	100.19	32.56	12.03	30.25	376	292	A	H
		5923.98	67.75	-20.45	88.2	53.37	32.63	11.99	30.24	220	76	P	V
		5925	59.16	-9.04	68.2	44.78	32.63	11.99	30.24	220	76	A	V
	*	5955	123.12	-	-	108.69	32.65	12.03	30.25	220	76	P	V
	*	5955	114.85	-	-	100.42	32.65	12.03	30.25	220	76	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-5 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	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	53.79	-20.21	74	64.75	39.23	17.57	67.76	187	292	P	H
		11910	44.68	-9.32	54	55.64	39.23	17.57	67.76	187	292	A	H
		13340	50.4	-23.6	74	59.87	39.47	18.77	67.71	-	-	P	H
		13340	41.99	-12.01	54	51.46	39.47	18.77	67.71	-	-	A	H
		14490	52.45	-21.55	74	58.66	41.94	19.59	67.74	-	-	P	H
		14490	43.55	-10.45	54	49.76	41.94	19.59	67.74	-	-	A	H
		17865	56.62	-17.38	74	57.86	45.82	22.35	69.41	255	220	P	H
		17865	47.02	-6.98	54	48.26	45.82	22.35	69.41	255	220	A	H
		18000	60.82	-13.18	74	58.9	48.82	22.52	69.42	-	-	P	H
		18000	50.22	-3.78	54	48.3	48.82	22.52	69.42	-	-	A	H
		36480	49.11	-24.89	74	39.44	42.54	21.91	54.78	-	-	P	H
		36480	39.88	-14.12	54	30.21	42.54	21.91	54.78	-	-	A	H
		39714	53.11	-20.89	74	37.95	44.78	24.4	54.02	-	-	P	H
		39714	44.71	-9.29	54	29.55	44.78	24.4	54.02	-	-	A	H
		11910	52.88	-21.12	74	63.83	39.24	17.57	67.76	299	358	P	V
		11910	43.37	-10.63	54	54.32	39.24	17.57	67.76	299	358	A	V
		13340	50.13	-23.87	74	59.63	39.44	18.77	67.71	-	-	P	V
		13340	42.64	-11.36	54	52.14	39.44	18.77	67.71	-	-	A	V
		14490	52.01	-21.99	74	58.22	41.94	19.59	67.74	-	-	P	V
		14490	43.42	-10.58	54	49.63	41.94	19.59	67.74	-	-	A	V
		17865	57.47	-16.53	74	58.36	46.17	22.35	69.41	258	255	P	V
		17865	47.23	-6.77	54	48.12	46.17	22.35	69.41	258	255	A	V
		18000	60.34	-13.66	74	58.2	49.04	22.52	69.42	-	-	P	V
		18000	50.55	-3.45	54	48.41	49.04	22.52	69.42	-	-	A	V
		36480	48.68	-25.32	74	38.96	42.59	21.91	54.78	-	-	P	V
		36480	39.2	-14.8	54	29.48	42.59	21.91	54.78	-	-	A	V
		39868	53.21	-20.79	74	37.9	44.65	24.5	53.84	-	-	P	V
		39868	45.35	-8.65	54	30.04	44.65	24.5	53.84	-	-	A	V

WIFI	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 45 6175MHz		11430	52.98	-21.02	74	63.32	40.13	17.18	67.65	-	-	P	H
		11430	42.72	-11.28	54	53.06	40.13	17.18	67.65	-	-	A	H
		12350	57.97	-16.03	74	68.41	38.89	17.92	67.25	156	268	P	H
		12350	49.37	-4.63	54	59.81	38.89	17.92	67.25	156	268	A	H
		13360	53.13	-20.87	74	62.49	39.54	18.79	67.69	-	-	P	H
		13360	43.58	-10.42	54	52.94	39.54	18.79	67.69	-	-	A	H
		14490	53.91	-20.09	74	60.3	41.76	19.59	67.74	-	-	P	H
		14490	43.41	-10.59	54	49.8	41.76	19.59	67.74	-	-	A	H
		18000	61.13	-12.87	74	59.6	48.43	22.52	69.42	-	-	P	H
		18000	50.03	-3.97	54	48.5	48.43	22.52	69.42	-	-	A	H
		18525	40.9	-33.1	74	42.5	37.72	13.19	52.51	-	-	P	H
		36480	48.91	-25.09	74	39.24	42.54	21.91	54.78	-	-	P	H
		36480	39.73	-14.27	54	30.06	42.54	21.91	54.78	-	-	A	H
		39802	53.45	-20.55	74	37.46	44.83	24.46	53.3	-	-	P	H
		39802	46.41	-7.59	54	30.42	44.83	24.46	53.3	-	-	A	H
		11490	52.3	-21.7	74	62.43	40.24	17.23	67.6	-	-	P	V
		11490	42.64	-11.36	54	52.77	40.24	17.23	67.6	-	-	A	V
		12350	55.03	-18.97	74	65.31	39.05	17.92	67.25	100	302	P	V
		12350	46.83	-7.17	54	57.11	39.05	17.92	67.25	100	302	A	V
		13370	52.38	-21.62	74	61.7	39.58	18.79	67.69	-	-	P	V
		13370	43.31	-10.69	54	52.63	39.58	18.79	67.69	-	-	A	V
		14500	53.73	-20.27	74	60.2	41.66	19.6	67.73	-	-	P	V
		14500	43.13	-10.87	54	49.6	41.66	19.6	67.73	-	-	A	V
		17980	60.62	-13.38	74	59.99	47.55	22.5	69.42	-	-	P	V
		17980	49.24	-4.76	54	48.61	47.55	22.5	69.42	-	-	A	V
		18525	44.12	-29.88	74	45.71	37.73	13.19	52.51	-	-	P	V
		36480	48.83	-25.17	74	39.11	42.59	21.91	54.78	-	-	P	V
		36480	39.48	-14.52	54	29.76	42.59	21.91	54.78	-	-	A	V
		39846	53.37	-20.63	74	37.9	44.64	24.49	53.66	-	-	P	V
		39846	46	-8	54	30.53	44.64	24.49	53.66	-	-	A	V

WIFI	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 93 6415MHz		11580	49.39	-24.61	74	59.68	40.02	17.31	67.62	-	-	P	H
		11580	41.93	-12.07	54	52.22	40.02	17.31	67.62	-	-	A	H
		12830	57.25	-30.95	88.2	67.58	38.9	18.37	67.6	-	-	P	H
		13310	50.04	-23.96	74	59.66	39.36	18.74	67.72	-	-	P	H
		13310	42.27	-11.73	54	51.89	39.36	18.74	67.72	-	-	A	H
		14490	51.59	-22.41	74	57.8	41.94	19.59	67.74	-	-	P	H
		14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	H
		18000	60.35	-13.65	74	58.43	48.82	22.52	69.42	-	-	P	H
		18000	50.52	-3.48	54	48.6	48.82	22.52	69.42	-	-	A	H
		19245	38.62	-35.38	74	40.18	37.62	13.53	52.71	-	-	P	H
		36480	49	-25	74	39.33	42.54	21.91	54.78	-	-	P	H
		36480	39.74	-14.26	54	30.07	42.54	21.91	54.78	-	-	A	H
		39802	53.58	-20.42	74	37.59	44.83	24.46	53.3	-	-	P	H
		39802	46.61	-7.39	54	30.62	44.83	24.46	53.3	-	-	A	H
		11000	49.47	-24.53	74	60.55	40.09	16.85	68.02	-	-	P	V
		11000	40.66	-13.34	54	51.74	40.09	16.85	68.02	-	-	A	V
		12830	53.87	-34.33	88.2	64.18	38.92	18.37	67.6	-	-	P	V
		13270	49.97	-24.03	74	59.8	39.22	18.7	67.75	-	-	P	V
		13270	42.41	-11.59	54	52.24	39.22	18.7	67.75	-	-	A	V
		14490	51.46	-22.54	74	57.67	41.94	19.59	67.74	-	-	P	V
		14490	43.62	-10.38	54	49.83	41.94	19.59	67.74	-	-	A	V
		18000	60.7	-13.3	74	58.56	49.04	22.52	69.42	-	-	P	V
		18000	49.94	-4.06	54	47.8	49.04	22.52	69.42	-	-	A	V
		19245	47.63	-26.37	74	49.1	37.71	13.53	52.71	-	-	P	V
		36480	47.95	-26.05	74	38.23	42.59	21.91	54.78	-	-	P	V
		39802	53.37	-20.63	74	37.58	44.63	24.46	53.3	-	-	P	V
		39802	46.31	-7.69	54	30.52	44.63	24.46	53.3	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-5 5925~6425MHz

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

WIFI	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)
		5921.46	61.91	-26.29	88.2	47.64	32.52	11.99	30.24	381	292	P	H
		5921.46	53.66	-14.54	68.2	39.39	32.52	11.99	30.24	381	292	A	H
	*	5955	122.56	-	-	108.22	32.56	12.03	30.25	381	292	P	H
	*	5955	112.89	-	-	98.55	32.56	12.03	30.25	381	292	A	H
802.11ax													
HE20 Full													
CH 01		5923.98	67.59	-20.61	88.2	53.21	32.63	11.99	30.24	172	68	P	V
5955MHz		5924.68	57.6	-10.6	68.2	43.22	32.63	11.99	30.24	172	68	A	V
	*	5955	124.01	-	-	109.58	32.65	12.03	30.25	172	68	P	V
	*	5955	114.27	-	-	99.84	32.65	12.03	30.25	172	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	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)
		11910	53.23	-20.77	74	64.19	39.23	17.57	67.76	189	291	P	H
		11910	43.79	-10.21	54	54.75	39.23	17.57	67.76	189	291	A	H
		13370	50.02	-23.98	74	59.35	39.57	18.79	67.69	-	-	P	H
		13370	42.83	-11.17	54	52.16	39.57	18.79	67.69	-	-	A	H
		14490	51.39	-22.61	74	57.6	41.94	19.59	67.74	-	-	P	H
		14490	43.42	-10.58	54	49.63	41.94	19.59	67.74	-	-	A	H
		17865	57.96	-16.04	74	59.2	45.82	22.35	69.41	252	200	P	H
		17865	46.87	-7.13	54	48.11	45.82	22.35	69.41	252	200	A	H
		18000	60.87	-13.13	74	58.95	48.82	22.52	69.42	-	-	P	H
		18000	50.18	-3.82	54	48.26	48.82	22.52	69.42	-	-	A	H
		36480	48.97	-25.03	74	39.3	42.54	21.91	54.78	-	-	P	H
		36480	39.68	-14.32	54	30.01	42.54	21.91	54.78	-	-	A	H
		39824	53.61	-20.39	74	37.78	44.84	24.47	53.48	-	-	P	H
802.11ax		39824	45.42	-8.58	54	29.59	44.84	24.47	53.48	-	-	A	H
HE20 Full													
CH 01		11910	52.51	-21.49	74	63.46	39.24	17.57	67.76	298	357	P	V
5955MHz		11910	42.24	-11.76	54	53.19	39.24	17.57	67.76	298	357	A	V
		13360	49.57	-24.43	74	58.95	39.52	18.79	67.69	-	-	P	V
		13360	42.95	-11.05	54	52.33	39.52	18.79	67.69	-	-	A	V
		14480	52.99	-21.01	74	59.23	41.92	19.59	67.75	-	-	P	V
		14480	43.33	-10.67	54	49.57	41.92	19.59	67.75	-	-	A	V
		17865	57.37	-16.63	74	58.26	46.17	22.35	69.41	341	165	P	V
		17865	47.26	-6.74	54	48.15	46.17	22.35	69.41	341	165	A	V
		18000	59.39	-14.61	74	57.25	49.04	22.52	69.42	-	-	P	V
		18000	50.48	-3.52	54	48.34	49.04	22.52	69.42	-	-	A	V
		36480	48.29	-25.71	74	38.57	42.59	21.91	54.78	-	-	P	V
		36480	39.77	-14.23	54	30.05	42.59	21.91	54.78	-	-	A	V
		39868	53.93	-20.07	74	38.62	44.65	24.5	53.84	-	-	P	V
		39868	45.51	-8.49	54	30.2	44.65	24.5	53.84	-	-	A	V

WIFI	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)
		11490	52.34	-21.66	74	62.57	40.14	17.23	67.6	-	-	P	H
		11490	42.14	-11.86	54	52.37	40.14	17.23	67.6	-	-	A	H
		12350	58.76	-15.24	74	69.2	38.89	17.92	67.25	162	285	P	H
		12350	49.58	-4.42	54	60.02	38.89	17.92	67.25	162	285	A	H
		13370	52.7	-21.3	74	62.03	39.57	18.79	67.69	-	-	P	H
		13370	43.17	-10.83	54	52.5	39.57	18.79	67.69	-	-	A	H
		14480	54.06	-19.94	74	60.49	41.73	19.59	67.75	-	-	P	H
		14480	43.86	-10.14	54	50.29	41.73	19.59	67.75	-	-	A	H
		18000	62.73	-11.27	74	61.2	48.43	22.52	69.42	-	-	P	H
		18000	50.83	-3.17	54	49.3	48.43	22.52	69.42	-	-	A	H
		18525	39.78	-34.22	74	41.38	37.72	13.19	52.51	-	-	P	H
		36480	48.63	-25.37	74	38.96	42.54	21.91	54.78	-	-	P	H
		36480	39.82	-14.18	54	30.15	42.54	21.91	54.78	-	-	A	H
802.11ax		39274	53.04	-20.96	74	38.76	44.47	24.1	54.29	-	-	P	H
HE20 Full		39274	44.34	-9.66	54	30.06	44.47	24.1	54.29	-	-	A	H
CH 45		11440	53.07	-20.93	74	63.34	40.18	17.19	67.64	-	-	P	V
6175MHz		11440	42.13	-11.87	54	52.4	40.18	17.19	67.64	-	-	A	V
		12350	54.76	-19.24	74	65.04	39.05	17.92	67.25	100	300	P	V
		12350	46.92	-7.08	54	57.2	39.05	17.92	67.25	100	300	A	V
		13270	52.74	-21.26	74	62.6	39.19	18.7	67.75	-	-	P	V
		13270	42.8	-11.2	54	52.66	39.19	18.7	67.75	-	-	A	V
		14500	54.13	-19.87	74	60.6	41.66	19.6	67.73	-	-	P	V
		14500	44.33	-9.67	54	50.8	41.66	19.6	67.73	-	-	A	V
		17980	62.92	-11.08	74	62.29	47.55	22.5	69.42	-	-	P	V
		17980	50.32	-3.68	54	49.69	47.55	22.5	69.42	-	-	A	V
		18525	44.92	-29.08	74	46.51	37.73	13.19	52.51	-	-	P	V
		36480	49.28	-24.72	74	39.56	42.59	21.91	54.78	-	-	P	V
		36480	39.49	-14.51	54	29.77	42.59	21.91	54.78	-	-	A	V
		39868	53.33	-20.67	74	38.02	44.65	24.5	53.84	-	-	P	V
		39868	45.64	-8.36	54	30.33	44.65	24.5	53.84	-	-	A	V

WIFI	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)
		11000	50.22	-23.78	74	61.24	40.15	16.85	68.02	-	-	P	H
		11000	42.01	-11.99	54	53.03	40.15	16.85	68.02	-	-	A	H
		12830	53.21	-34.99	88.2	63.54	38.9	18.37	67.6	-	-	P	H
		13300	49.23	-24.77	74	58.9	39.32	18.74	67.73	-	-	P	H
		13300	42.9	-11.1	54	52.57	39.32	18.74	67.73	-	-	A	H
		14490	51.29	-22.71	74	57.5	41.94	19.59	67.74	-	-	P	H
		14490	42.71	-11.29	54	48.92	41.94	19.59	67.74	-	-	A	H
		18000	60.19	-13.81	74	58.27	48.82	22.52	69.42	-	-	P	H
		18000	50.18	-3.82	54	48.26	48.82	22.52	69.42	-	-	A	H
		19245	38.92	-35.08	74	40.48	37.62	13.53	52.71	-	-	P	H
		36480	47.97	-26.03	74	38.3	42.54	21.91	54.78	-	-	P	H
		36480	39.44	-14.56	54	29.77	42.54	21.91	54.78	-	-	A	H
		39780	53.76	-20.24	74	37.96	44.81	24.44	53.45	-	-	P	H
802.11ax		39780	45.86	-8.14	54	30.06	44.81	24.44	53.45	-	-	A	H
HE20 Full													
CH 93		11280	49.4	-24.6	74	60.44	39.67	17.07	67.78	-	-	P	V
6415MHz		11280	42.07	-11.93	54	53.11	39.67	17.07	67.78	-	-	A	V
		12830	51.65	-36.55	88.2	61.96	38.92	18.37	67.6	-	-	P	V
		13320	49.89	-24.11	74	59.49	39.37	18.75	67.72	-	-	P	V
		13320	43.26	-10.74	54	52.86	39.37	18.75	67.72	-	-	A	V
		14490	51.14	-22.86	74	57.35	41.94	19.59	67.74	-	-	P	V
		14490	43	-11	54	49.21	41.94	19.59	67.74	-	-	A	V
		18000	60.56	-13.44	74	58.42	49.04	22.52	69.42	-	-	P	V
		18000	50.34	-3.66	54	48.2	49.04	22.52	69.42	-	-	A	V
		19245	45.8	-28.2	74	47.27	37.71	13.53	52.71	-	-	P	V
		36480	47.68	-26.32	74	37.96	42.59	21.91	54.78	-	-	P	V
		36480	39.61	-14.39	54	29.89	42.59	21.91	54.78	-	-	A	V
		39758	53.45	-20.55	74	38.04	44.62	24.43	53.64	-	-	P	V
		39758	45.44	-8.56	54	30.03	44.62	24.43	53.64	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-5 5925~6425MHz

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

WIFI	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)
		5922.9	72.83	-15.37	88.2	58.56	32.52	11.99	30.24	232	300	P	H
		5922.36	64.59	-3.61	68.2	50.32	32.52	11.99	30.24	232	300	A	H
	*	5965	122.18	-	-	107.8	32.59	12.04	30.25	232	300	P	H
	*	5965	113.21	-	-	98.83	32.59	12.04	30.25	232	300	A	H
802.11ax													
HE40 Full													
CH 03		5909.22	77.47	-10.73	88.2	63.12	32.61	11.97	30.23	180	76	P	V
5965MHz		5925	65.86	-2.34	68.2	51.48	32.63	11.99	30.24	180	76	A	V
	*	5965	123.56	-	-	109.11	32.66	12.04	30.25	180	76	P	V
	*	5965	113.92	-	-	99.47	32.66	12.04	30.25	180	76	A	V

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

UNII-5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	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	48.84	-25.16	74	59.91	39.12	17.58	67.77	156	209	P	H
		11930	40.71	-13.29	54	51.78	39.12	17.58	67.77	156	209	A	H
		13370	49.56	-24.44	74	58.89	39.57	18.79	67.69	-	-	P	H
		13370	43.27	-10.73	54	52.6	39.57	18.79	67.69	-	-	A	H
		14490	51.29	-22.71	74	57.5	41.94	19.59	67.74	-	-	P	H
		14490	42.75	-11.25	54	48.96	41.94	19.59	67.74	-	-	A	H
		17895	57.83	-16.17	74	58.5	46.35	22.39	69.41	244	206	P	H
		17895	46.23	-7.77	54	46.9	46.35	22.39	69.41	244	206	A	H
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H
		18000	49.82	-4.18	54	47.9	48.82	22.52	69.42	-	-	A	H
		36480	48.77	-25.23	74	39.1	42.54	21.91	54.78	-	-	P	H
		36480	39.79	-14.21	54	30.12	42.54	21.91	54.78	-	-	A	H
		39758	53.25	-20.75	74	37.66	44.8	24.43	53.64	-	-	P	H
802.11ax		39758	45.67	-8.33	54	30.08	44.8	24.43	53.64	-	-	A	H
HE40 Full													
CH 03		11930	50.39	-23.61	74	61.45	39.13	17.58	67.77	298	207	P	V
5965MHz		11930	41.6	-12.4	54	52.66	39.13	17.58	67.77	298	207	A	V
		13260	49.81	-24.19	74	59.68	39.19	18.69	67.75	-	-	P	V
		13260	42.11	-11.89	54	51.98	39.19	18.69	67.75	-	-	A	V
		14490	51.66	-22.34	74	57.87	41.94	19.59	67.74	-	-	P	V
		14490	43.32	-10.68	54	49.53	41.94	19.59	67.74	-	-	A	V
		17895	58.56	-15.44	74	58.89	46.69	22.39	69.41	300	223	P	V
		17895	47.46	-6.54	54	47.79	46.69	22.39	69.41	300	223	A	V
		18000	60.88	-13.12	74	58.74	49.04	22.52	69.42	-	-	P	V
		18000	49.95	-4.05	54	47.81	49.04	22.52	69.42	-	-	A	V
		36480	48.96	-25.04	74	39.24	42.59	21.91	54.78	-	-	P	V
		36480	39.67	-14.33	54	29.95	42.59	21.91	54.78	-	-	A	V
		39758	53.17	-20.83	74	37.76	44.62	24.43	53.64	-	-	P	V
		39758	45.4	-8.6	54	29.99	44.62	24.43	53.64	-	-	A	V

WIFI	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)
		12330	55.09	-18.91	74	65.5	38.96	17.91	67.28	206	301	P	H
		12330	48.24	-5.76	54	58.65	38.96	17.91	67.28	206	301	A	H
		13370	52.24	-21.76	74	61.57	39.57	18.79	67.69	-	-	P	H
		13370	43.23	-10.77	54	52.56	39.57	18.79	67.69	-	-	A	H
		14490	53.34	-20.66	74	59.73	41.76	19.59	67.74	-	-	P	H
		14490	43.28	-10.72	54	49.67	41.76	19.59	67.74	-	-	A	H
		17990	60.46	-13.54	74	59.19	48.18	22.51	69.42	-	-	P	H
		17990	50.89	-3.11	54	49.62	48.18	22.51	69.42	-	-	A	H
		18495	40.5	-33.5	74	42.11	37.72	13.17	52.5	-	-	P	H
		36480	48.23	-25.77	74	38.56	42.54	21.91	54.78	-	-	P	H
		36480	39.35	-14.65	54	29.68	42.54	21.91	54.78	-	-	A	H
		40000	53.16	-20.84	74	37.86	44.94	24.59	54.23	-	-	P	H
		40000	45.36	-8.64	54	30.06	44.94	24.59	54.23	-	-	A	H
802.11ax													
HE40 Full													
CH 43		12330	55.54	-18.46	74	65.8	39.11	17.91	67.28	235	58	P	V
6165MHz		12330	47.57	-6.43	54	57.83	39.11	17.91	67.28	235	58	A	V
		13370	53.54	-20.46	74	62.86	39.58	18.79	67.69	-	-	P	V
		13370	43.65	-10.35	54	52.97	39.58	18.79	67.69	-	-	A	V
		14490	52.25	-21.75	74	58.77	41.63	19.59	67.74	-	-	P	V
		14490	42.66	-11.34	54	49.18	41.63	19.59	67.74	-	-	A	V
		17980	60.72	-13.28	74	60.09	47.55	22.5	69.42	-	-	P	V
		17980	49.14	-4.86	54	48.51	47.55	22.5	69.42	-	-	A	V
		18495	42.39	-31.61	74	43.99	37.73	13.17	52.5	-	-	P	V
		36480	48.8	-25.2	74	39.08	42.59	21.91	54.78	-	-	P	V
		36480	39.67	-14.33	54	29.95	42.59	21.91	54.78	-	-	A	V
		39934	53.71	-20.29	74	38.63	44.67	24.55	54.14	-	-	P	V
		39934	45.38	-8.62	54	30.3	44.67	24.55	54.14	-	-	A	V

WIFI	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)
		11420	50.12	-23.88	74	60.56	40.05	17.17	67.66	-	-	P	H
		11420	41.77	-12.23	54	52.21	40.05	17.17	67.66	-	-	A	H
		12810	51.82	-36.38	88.2	62.2	38.85	18.34	67.57	-	-	P	H
		13310	49	-25	74	58.62	39.36	18.74	67.72	-	-	P	H
		13310	43.42	-10.58	54	53.04	39.36	18.74	67.72	-	-	A	H
		14490	51.05	-22.95	74	57.26	41.94	19.59	67.74	-	-	P	H
		14490	43.18	-10.82	54	49.39	41.94	19.59	67.74	-	-	A	H
		18000	60.34	-13.66	74	58.42	48.82	22.52	69.42	-	-	P	H
		18000	50.08	-3.92	54	48.16	48.82	22.52	69.42	-	-	A	H
		19215	39.14	-34.86	74	40.68	37.63	13.53	52.7	-	-	P	H
		36480	49.56	-24.44	74	39.89	42.54	21.91	54.78	-	-	P	H
		36480	39.43	-14.57	54	29.76	42.54	21.91	54.78	-	-	A	H
		39846	53.89	-20.11	74	38.21	44.85	24.49	53.66	-	-	P	H
802.11ax		39846	45.72	-8.28	54	30.04	44.85	24.49	53.66	-	-	A	H
HE40 Full													
CH 91		11190	50.31	-23.69	74	61.48	39.7	16.99	67.86	-	-	P	V
6405MHz		11190	41.07	-12.93	54	52.24	39.7	16.99	67.86	-	-	A	V
		12810	50.53	-37.67	88.2	60.9	38.86	18.34	67.57	-	-	P	V
		13360	49.48	-24.52	74	58.86	39.52	18.79	67.69	-	-	P	V
		13360	42.4	-11.6	54	51.78	39.52	18.79	67.69	-	-	A	V
		14490	51.57	-22.43	74	57.78	41.94	19.59	67.74	-	-	P	V
		14490	43.71	-10.29	54	49.92	41.94	19.59	67.74	-	-	A	V
		18000	60.81	-13.19	74	58.67	49.04	22.52	69.42	-	-	P	V
		18000	50.4	-3.6	54	48.26	49.04	22.52	69.42	-	-	A	V
		19215	46.53	-27.47	74	47.98	37.72	13.53	52.7	-	-	P	V
		36480	48.42	-25.58	74	38.7	42.59	21.91	54.78	-	-	P	V
		36480	39.34	-14.66	54	29.62	42.59	21.91	54.78	-	-	A	V
		39802	53.64	-20.36	74	37.85	44.63	24.46	53.3	-	-	P	V
		39802	46.29	-7.71	54	30.5	44.63	24.46	53.3	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-5 5925~6425MHz

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

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5916.84	73.14	-15.06	88.2	58.89	32.51	11.98	30.24	391	72	P	H
		5916.36	62.55	-5.65	68.2	48.3	32.51	11.98	30.24	391	72	A	H
	*	5985	119.58	-	-	105.13	32.65	12.06	30.26	391	72	P	H
	*	5985	110.6	-	-	96.15	32.65	12.06	30.26	391	72	A	H
802.11ax													
HE80 Full													
CH 07		5910.28	75.73	-12.47	88.2	61.38	32.61	11.97	30.23	181	75	P	V
5985MHz		5911.88	65.95	-2.25	68.2	51.6	32.61	11.97	30.23	181	75	A	V
	*	5985	119.83	-	-	105.37	32.66	12.06	30.26	181	75	P	V
	*	5985	110.54	-	-	96.08	32.66	12.06	30.26	181	75	A	V

Remark

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

UNII-5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	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	49.42	-24.58	74	60.45	39.14	17.62	67.79	221	237	P	H
		11970	41.39	-12.61	54	52.42	39.14	17.62	67.79	221	237	A	H
		13350	48.07	-25.93	74	57.48	39.51	18.78	67.7	-	-	P	H
		13350	42.26	-11.74	54	51.67	39.51	18.78	67.7	-	-	A	H
		14490	51.19	-22.81	74	57.4	41.94	19.59	67.74	-	-	P	H
		14490	43.4	-10.6	54	49.61	41.94	19.59	67.74	-	-	A	H
		17955	58.4	-15.6	74	57.71	47.65	22.46	69.42	205	138	P	H
		17955	48.8	-5.2	54	48.11	47.65	22.46	69.42	205	138	A	H
		18000	60.87	-13.13	74	58.95	48.82	22.52	69.42	-	-	P	H
		18000	50.14	-3.86	54	48.22	48.82	22.52	69.42	-	-	A	H
		36480	48.57	-25.43	74	38.9	42.54	21.91	54.78	-	-	P	H
		36480	39.32	-14.68	54	29.65	42.54	21.91	54.78	-	-	A	H
		39956	52.73	-21.27	74	37.42	44.92	24.56	54.17	-	-	P	H
802.11ax		39956	45.51	-8.49	54	30.2	44.92	24.56	54.17	-	-	A	H
HE80 Full													
CH 07		11970	50.08	-23.92	74	61.12	39.13	17.62	67.79	289	307	P	V
5985MHz		11970	41.29	-12.71	54	52.33	39.13	17.62	67.79	289	307	A	V
		13300	48.59	-25.41	74	58.28	39.3	18.74	67.73	-	-	P	V
		13300	42.38	-11.62	54	52.07	39.3	18.74	67.73	-	-	A	V
		14490	50.66	-23.34	74	56.87	41.94	19.59	67.74	-	-	P	V
		14490	42.77	-11.23	54	48.98	41.94	19.59	67.74	-	-	A	V
		17955	58.01	-15.99	74	56.95	48.02	22.46	69.42	302	204	P	V
		17955	49.61	-4.39	54	48.55	48.02	22.46	69.42	302	204	A	V
		18000	60.35	-13.65	74	58.21	49.04	22.52	69.42	-	-	P	V
		18000	50.51	-3.49	54	48.37	49.04	22.52	69.42	-	-	A	V
		36480	48.68	-25.32	74	38.96	42.59	21.91	54.78	-	-	P	V
		36480	39.5	-14.5	54	29.78	42.59	21.91	54.78	-	-	A	V
		39714	52.92	-21.08	74	37.94	44.6	24.4	54.02	-	-	P	V
		39714	45.09	-8.91	54	30.11	44.6	24.4	54.02	-	-	A	V

WIFI	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)
		12290	57.43	-16.57	74	67.8	39.1	17.87	67.34	179	305	P	H
		12290	49.23	-4.77	54	59.6	39.1	17.87	67.34	179	305	A	H
		13380	52.68	-21.32	74	61.96	39.6	18.8	67.68	-	-	P	H
		13380	43.22	-10.78	54	52.5	39.6	18.8	67.68	-	-	A	H
		14490	51.56	-22.44	74	57.95	41.76	19.59	67.74	-	-	P	H
		14490	43.22	-10.78	54	49.61	41.76	19.59	67.74	-	-	A	H
		18000	60.31	-13.69	74	58.78	48.43	22.52	69.42	-	-	P	H
		18000	50.6	-3.4	54	49.07	48.43	22.52	69.42	-	-	A	H
		18435	40.83	-33.17	74	42.49	37.7	13.12	52.48	-	-	P	H
		36480	48.45	-25.55	74	38.78	42.54	21.91	54.78	-	-	P	H
		36480	39.52	-14.48	54	29.85	42.54	21.91	54.78	-	-	A	H
		39846	53.57	-20.43	74	37.89	44.85	24.49	53.66	-	-	P	H
		39846	45.71	-8.29	54	30.03	44.85	24.49	53.66	-	-	A	H
802.11ax													
HE80 Full													
CH 39		12290	53.18	-20.82	74	63.45	39.2	17.87	67.34	284	72	P	V
6145MHz		12290	44.14	-9.86	54	54.41	39.2	17.87	67.34	284	72	A	V
		13360	51.91	-22.09	74	61.26	39.55	18.79	67.69	-	-	P	V
		13360	43.08	-10.92	54	52.43	39.55	18.79	67.69	-	-	A	V
		14490	52.18	-21.82	74	58.7	41.63	19.59	67.74	-	-	P	V
		14490	43.16	-10.84	54	49.68	41.63	19.59	67.74	-	-	A	V
		17930	60.69	-13.31	74	61.24	46.44	22.43	69.42	-	-	P	V
		17930	50.01	-3.99	54	50.56	46.44	22.43	69.42	-	-	A	V
		18435	44.54	-29.46	74	46.18	37.72	13.12	52.48	-	-	P	V
		36480	47.7	-26.3	74	37.98	42.59	21.91	54.78	-	-	P	V
		39824	53.53	-20.47	74	37.9	44.64	24.47	53.48	-	-	P	V
		39824	45.69	-8.31	54	30.06	44.64	24.47	53.48	-	-	A	V

WIFI	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)
		11420	50.32	-23.68	74	60.76	40.05	17.17	67.66	-	-	P	H
		11420	42.13	-11.87	54	52.57	40.05	17.17	67.66	-	-	A	H
		12770	50.86	-37.34	88.2	61.24	38.81	18.31	67.5	-	-	P	H
		13350	49.18	-24.82	74	58.59	39.51	18.78	67.7	-	-	P	H
		13350	42	-12	54	51.41	39.51	18.78	67.7	-	-	A	H
		14490	51.3	-22.7	74	57.51	41.94	19.59	67.74	-	-	P	H
		14490	42.39	-11.61	54	48.6	41.94	19.59	67.74	-	-	A	H
		18000	60.44	-13.56	74	58.52	48.82	22.52	69.42	-	-	P	H
		18000	50.59	-3.41	54	48.67	48.82	22.52	69.42	-	-	A	H
		19155	42.54	-31.46	74	44.05	37.64	13.54	52.69	-	-	P	H
		36480	48.27	-25.73	74	38.6	42.54	21.91	54.78	-	-	P	H
		36480	39.44	-14.56	54	29.77	42.54	21.91	54.78	-	-	A	H
		39340	53.56	-20.44	74	39.2	44.52	24.14	54.3	-	-	P	H
802.11ax		39340	44.49	-9.51	54	30.13	44.52	24.14	54.3	-	-	A	H
HE80 Full													
CH 87		11460	50.5	-23.5	74	60.85	40.07	17.2	67.62	-	-	P	V
6385MHz		11460	41.95	-12.05	54	52.3	40.07	17.2	67.62	-	-	A	V
		12770	48.05	-40.15	88.2	58.42	38.82	18.31	67.5	-	-	P	V
		13350	49.16	-24.84	74	58.61	39.47	18.78	67.7	-	-	P	V
		13350	41.99	-12.01	54	51.44	39.47	18.78	67.7	-	-	A	V
		14490	51.65	-22.35	74	57.86	41.94	19.59	67.74	-	-	P	V
		14490	42.57	-11.43	54	48.78	41.94	19.59	67.74	-	-	A	V
		18000	60.34	-13.66	74	58.2	49.04	22.52	69.42	-	-	P	V
		18000	50.63	-3.37	54	48.49	49.04	22.52	69.42	-	-	A	V
		19155	41.84	-32.16	74	43.26	37.73	13.54	52.69	-	-	P	V
		36480	48.92	-25.08	74	39.2	42.59	21.91	54.78	-	-	P	V
		36480	39.96	-14.04	54	30.24	42.59	21.91	54.78	-	-	A	V
		39252	52.52	-21.48	74	38.4	44.34	24.08	54.3	-	-	P	V
		39252	44.35	-9.65	54	30.23	44.34	24.08	54.3	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-5 5925~6425MHz

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

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5916.52	70.91	-17.29	88.2	56.66	32.51	11.98	30.24	390	75	P	H
		5916.2	62.49	-5.71	68.2	48.24	32.51	11.98	30.24	390	75	A	H
	*	6025	117.06	-	-	102.48	32.75	12.1	30.27	390	75	P	H
	*	6025	107.74	-	-	93.16	32.75	12.1	30.27	390	75	A	H
802.11ax													
HE160 Full													
CH 15		5911.08	76.28	-11.92	88.2	61.93	32.61	11.97	30.23	178	74	P	V
6025MHz		5912.68	67.5	-0.7	68.2	53.14	32.62	11.98	30.24	178	74	A	V
	*	6025	116.03	-	-	101.51	32.69	12.1	30.27	178	74	P	V
	*	6025	107.43	-	-	92.91	32.69	12.1	30.27	178	74	A	V

Remark

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

UNII-5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	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)
		12050	49.44	-24.56	74	60.2	39.28	17.68	67.72	206	301	P	H
		12050	41.68	-12.32	54	52.44	39.28	17.68	67.72	206	301	A	H
		13350	49.45	-24.55	74	58.86	39.51	18.78	67.7	-	-	P	H
		13350	42.34	-11.66	54	51.75	39.51	18.78	67.7	-	-	A	H
		14490	50.75	-23.25	74	56.96	41.94	19.59	67.74	-	-	P	H
		14490	42.74	-11.26	54	48.95	41.94	19.59	67.74	-	-	A	H
		18000	60.36	-13.64	74	58.44	48.82	22.52	69.42	-	-	P	H
		18000	50.64	-3.36	54	48.72	48.82	22.52	69.42	-	-	A	H
		18075	40.37	-33.63	74	42.34	37.59	12.84	52.4	-	-	P	H
		36480	48.58	-25.42	74	38.91	42.54	21.91	54.78	-	-	P	H
		36480	39.81	-14.19	54	30.14	42.54	21.91	54.78	-	-	A	H
		39670	52.69	-21.31	74	37.69	44.75	24.37	54.12	-	-	P	H
		39670	45.94	-8.06	54	30.94	44.75	24.37	54.12	-	-	A	H
802.11ax													
HE160 Full													
CH 15		12050	49.29	-24.71	74	60.12	39.21	17.68	67.72	350	209	P	V
6025MHz		12050	41.12	-12.88	54	51.95	39.21	17.68	67.72	350	209	A	V
		13350	49.28	-24.72	74	58.73	39.47	18.78	67.7	-	-	P	V
		13350	41.91	-12.09	54	51.36	39.47	18.78	67.7	-	-	A	V
		14490	52.3	-21.7	74	58.51	41.94	19.59	67.74	-	-	P	V
		14490	42.75	-11.25	54	48.96	41.94	19.59	67.74	-	-	A	V
		18000	60.14	-13.86	74	58	49.04	22.52	69.42	-	-	P	V
		18000	50.41	-3.59	54	48.27	49.04	22.52	69.42	-	-	A	V
		18075	40.33	-33.67	74	42.24	37.65	12.84	52.4	-	-	P	V
		36480	47.88	-26.12	74	38.16	42.59	21.91	54.78	-	-	P	V
		39824	53.09	-20.91	74	37.46	44.64	24.47	53.48	-	-	P	V
		39824	45.72	-8.28	54	30.09	44.64	24.47	53.48	-	-	A	V

WIFI	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)
		11380	48.74	-25.26	74	59.33	39.96	17.14	67.69	-	-	P	H
		11380	41.71	-12.29	54	52.3	39.96	17.14	67.69	-	-	A	H
		12370	46.91	-27.09	74	57.5	38.69	17.94	67.22	-	-	P	H
		13330	48.15	-25.85	74	57.67	39.43	18.76	67.71	-	-	P	H
		13330	42.44	-11.56	54	51.96	39.43	18.76	67.71	-	-	A	H
		14490	50.65	-23.35	74	56.86	41.94	19.59	67.74	-	-	P	H
		14490	41.86	-12.14	54	48.07	41.94	19.59	67.74	-	-	A	H
		17990	60.31	-13.69	74	58.66	48.56	22.51	69.42	-	-	P	H
		17990	50.18	-3.82	54	48.53	48.56	22.51	69.42	-	-	A	H
		18555	38.44	-35.56	74	40.03	37.71	13.22	52.52	-	-	P	H
		36480	49.28	-24.72	74	39.61	42.54	21.91	54.78	-	-	P	H
		36480	39.9	-14.1	54	30.23	42.54	21.91	54.78	-	-	A	H
		39934	53.1	-20.9	74	37.79	44.9	24.55	54.14	-	-	P	H
802.11ax		39934	45.4	-8.6	54	30.09	44.9	24.55	54.14	-	-	A	H
HE160 Full													
CH 47		11390	49.23	-24.77	74	59.86	39.9	17.15	67.68	-	-	P	V
6185MHz		11390	41.81	-12.19	54	52.44	39.9	17.15	67.68	-	-	A	V
		12370	46.11	-27.89	74	56.68	38.71	17.94	67.22	-	-	P	V
		13370	48.67	-25.33	74	58.01	39.56	18.79	67.69	-	-	P	V
		13370	41.47	-12.53	54	50.81	39.56	18.79	67.69	-	-	A	V
		14490	50.65	-23.35	74	56.86	41.94	19.59	67.74	-	-	P	V
		14490	42.9	-11.1	54	49.11	41.94	19.59	67.74	-	-	A	V
		17970	60.09	-13.91	74	58.66	48.36	22.49	69.42	-	-	P	V
		17970	50.42	-3.58	54	48.99	48.36	22.49	69.42	-	-	A	V
		18555	39.18	-34.82	74	40.74	37.74	13.22	52.52	-	-	P	V
		36480	48.38	-25.62	74	38.66	42.59	21.91	54.78	-	-	P	V
		36480	40	-14	54	30.28	42.59	21.91	54.78	-	-	A	V
		40000	53.26	-20.74	74	38.21	44.69	24.59	54.23	-	-	P	V
		40000	45.38	-8.62	54	30.33	44.69	24.59	54.23	-	-	A	V

WIFI	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)
		11240	49.25	-24.75	74	60.31	39.72	17.03	67.81	-	-	P	H
		11240	41.03	-12.97	54	52.09	39.72	17.03	67.81	-	-	A	H
		12690	47.07	-26.93	74	57.52	38.66	18.24	67.35	-	-	P	H
		13340	49.14	-24.86	74	58.61	39.47	18.77	67.71	-	-	P	H
		13340	42.01	-11.99	54	51.48	39.47	18.77	67.71	-	-	A	H
		14490	50.75	-23.25	74	56.96	41.94	19.59	67.74	-	-	P	H
		14490	43.1	-10.9	54	49.31	41.94	19.59	67.74	-	-	A	H
		18000	60.18	-13.82	74	58.26	48.82	22.52	69.42	-	-	P	H
		18000	50.35	-3.65	54	48.43	48.82	22.52	69.42	-	-	A	H
		19035	39.33	-34.67	74	40.8	37.66	13.56	52.69	-	-	P	H
		36480	48.53	-25.47	74	38.86	42.54	21.91	54.78	-	-	P	H
		36480	39.91	-14.09	54	30.24	42.54	21.91	54.78	-	-	A	H
		39780	53.24	-20.76	74	37.44	44.81	24.44	53.45	-	-	P	H
802.11ax		39780	46.22	-7.78	54	30.42	44.81	24.44	53.45	-	-	A	H
HE160 Full													
CH 79		11020	49.67	-24.33	74	60.75	40.05	16.87	68	-	-	P	V
6345MHz		11020	41.47	-12.53	54	52.55	40.05	16.87	68	-	-	A	V
		12690	47.37	-26.63	74	57.89	38.59	18.24	67.35	-	-	P	V
		13370	48.01	-25.99	74	57.35	39.56	18.79	67.69	-	-	P	V
		13370	42.21	-11.79	54	51.55	39.56	18.79	67.69	-	-	A	V
		14490	50.68	-23.32	74	56.89	41.94	19.59	67.74	-	-	P	V
		14490	43.55	-10.45	54	49.76	41.94	19.59	67.74	-	-	A	V
		18000	60.71	-13.29	74	58.57	49.04	22.52	69.42	-	-	P	V
		18000	49.95	-4.05	54	47.81	49.04	22.52	69.42	-	-	A	V
		19035	43.64	-30.36	74	45.02	37.75	13.56	52.69	-	-	P	V
		36480	49.23	-24.77	74	39.51	42.59	21.91	54.78	-	-	P	V
		36480	39.62	-14.38	54	29.9	42.59	21.91	54.78	-	-	A	V
		39802	53.67	-20.33	74	37.88	44.63	24.46	53.3	-	-	P	V
		39802	46.14	-7.86	54	30.35	44.63	24.46	53.3	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11270	49.4	-24.6	74	60.4	39.73	17.06	67.79	-	-	P	H
		11270	41.2	-12.8	54	52.2	39.73	17.06	67.79	-	-	A	H
		13070	52.2	-36	88.2	62.56	38.95	18.56	67.87	-	-	P	H
		13330	50.12	-23.88	74	59.64	39.43	18.76	67.71	-	-	P	H
		13330	42.15	-11.85	54	51.67	39.43	18.76	67.71	-	-	A	H
		14490	50.75	-23.25	74	56.96	41.94	19.59	67.74	-	-	P	H
		14490	43.67	-10.33	54	49.88	41.94	19.59	67.74	-	-	A	H
		18000	60.47	-13.53	74	58.55	48.82	22.52	69.42	-	-	P	H
		18000	50.1	-3.9	54	48.18	48.82	22.52	69.42	-	-	A	H
		19605	39.94	-34.06	74	41.67	37.58	13.46	52.77	-	-	P	H
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H
		39802	53.9	-20.1	74	37.91	44.83	24.46	53.3	-	-	P	H
802.11a		39802	46.58	-7.42	54	30.59	44.83	24.46	53.3	-	-	A	H
CH 117													
6535MHz		11280	49.44	-24.56	74	60.48	39.67	17.07	67.78	-	-	P	V
		11280	41.4	-12.6	54	52.44	39.67	17.07	67.78	-	-	A	V
		13070	50.64	-37.56	88.2	61.06	38.89	18.56	67.87	-	-	P	V
		13390	48.89	-25.11	74	58.1	39.66	18.81	67.68	-	-	P	V
		13390	42.41	-11.59	54	51.62	39.66	18.81	67.68	-	-	A	V
		14490	51.42	-22.58	74	57.63	41.94	19.59	67.74	-	-	P	V
		14490	42.56	-11.44	54	48.77	41.94	19.59	67.74	-	-	A	V
		18000	60.43	-13.57	74	58.29	49.04	22.52	69.42	-	-	P	V
		18000	50.41	-3.59	54	48.27	49.04	22.52	69.42	-	-	A	V
		19605	40.21	-33.79	74	41.85	37.67	13.46	52.77	-	-	P	V
		36480	48.83	-25.17	74	39.11	42.59	21.91	54.78	-	-	P	V
		36480	39.93	-14.07	54	30.21	42.59	21.91	54.78	-	-	A	V
		39934	53.41	-20.59	74	38.33	44.67	24.55	54.14	-	-	P	V
		39934	45.81	-8.19	54	30.73	44.67	24.55	54.14	-	-	A	V

WIFI	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)
		11360	49.77	-24.23	74	60.44	39.92	17.12	67.71	-	-	P	H
		11360	41.94	-12.06	54	52.61	39.92	17.12	67.71	-	-	A	H
		13390	60.33	-13.67	74	69.45	39.75	18.81	67.68	183	252	P	H
		13390	51.57	-2.43	54	60.69	39.75	18.81	67.68	183	252	A	H
		14490	51.35	-22.65	74	57.56	41.94	19.59	67.74	-	-	P	H
		14490	45.29	-8.71	54	51.5	41.94	19.59	67.74	-	-	A	H
		18000	60.34	-13.66	74	58.42	48.82	22.52	69.42	-	-	P	H
		18000	50.31	-3.69	54	48.39	48.82	22.52	69.42	-	-	A	H
		20085	40.67	-33.33	74	42.44	37.67	13.45	52.89	-	-	P	H
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H
		36480	40.23	-13.77	54	30.56	42.54	21.91	54.78	-	-	A	H
		39758	53.54	-20.46	74	37.95	44.8	24.43	53.64	-	-	P	H
		39758	46.47	-7.53	54	30.88	44.8	24.43	53.64	-	-	A	H
802.11a													
CH 149		11270	50.01	-23.99	74	61.09	39.65	17.06	67.79	-	-	P	V
6695MHz		11270	41.15	-12.85	54	52.23	39.65	17.06	67.79	-	-	A	V
		13390	59.11	-14.89	74	68.2	39.78	18.81	67.68	299	21	P	V
		13390	49.53	-4.47	54	58.62	39.78	18.81	67.68	299	21	A	V
		14490	51.65	-22.35	74	57.86	41.94	19.59	67.74	-	-	P	V
		14490	43.49	-10.51	54	49.7	41.94	19.59	67.74	-	-	A	V
		18000	60.31	-13.69	74	58.17	49.04	22.52	69.42	-	-	P	V
		18000	50.56	-3.44	54	48.42	49.04	22.52	69.42	-	-	A	V
		20085	39.69	-34.31	74	41.44	37.69	13.45	52.89	-	-	P	V
		36480	49.62	-24.38	74	39.9	42.59	21.91	54.78	-	-	P	V
		36480	40.35	-13.65	54	30.63	42.59	21.91	54.78	-	-	A	V
		39824	53.46	-20.54	74	37.83	44.64	24.47	53.48	-	-	P	V
		39824	46.09	-7.91	54	30.46	44.64	24.47	53.48	-	-	A	V

WIFI	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 181 6855MHz		11410	49.2	-24.8	74	59.68	40.03	17.16	67.67	-	-	P	H
		11410	40.96	-13.04	54	51.44	40.03	17.16	67.67	-	-	A	H
		13370	48.48	-25.52	74	57.81	39.57	18.79	67.69	-	-	P	H
		13370	42.14	-11.86	54	51.47	39.57	18.79	67.69	-	-	A	H
		13710	51.41	-36.79	88.2	60.08	40.18	19.02	67.87	-	-	P	H
		14490	50.64	-23.36	74	56.85	41.94	19.59	67.74	-	-	P	H
		14490	43.63	-10.37	54	49.84	41.94	19.59	67.74	-	-	A	H
		18000	60.28	-13.72	74	58.36	48.82	22.52	69.42	-	-	P	H
		18000	50.38	-3.62	54	48.46	48.82	22.52	69.42	-	-	A	H
		20565	54.94	-19.06	74	56.1	37.84	13.8	52.8	150	52	P	H
		20565	44.62	-9.38	54	45.78	37.84	13.8	52.8	150	52	A	H
		36480	49.33	-24.67	74	39.66	42.54	21.91	54.78	-	-	P	H
		36480	40.12	-13.88	54	30.45	42.54	21.91	54.78	-	-	A	H
		39802	53.65	-20.35	74	37.66	44.83	24.46	53.3	-	-	P	H
		39802	46.22	-7.78	54	30.23	44.83	24.46	53.3	-	-	A	H
		11370	50.41	-23.59	74	61.11	39.87	17.13	67.7	-	-	P	V
		11370	41.5	-12.5	54	52.2	39.87	17.13	67.7	-	-	A	V
		13310	48.95	-25.05	74	58.59	39.34	18.74	67.72	-	-	P	V
		13310	41.98	-12.02	54	51.62	39.34	18.74	67.72	-	-	A	V
		13710	52.73	-35.47	88.2	61.39	40.19	19.02	67.87	-	-	P	V
		14490	50.61	-23.39	74	56.82	41.94	19.59	67.74	-	-	P	V
		14490	43.56	-10.44	54	49.77	41.94	19.59	67.74	-	-	A	V
		18000	60.36	-13.64	74	58.22	49.04	22.52	69.42	-	-	P	V
		18000	50.48	-3.52	54	48.34	49.04	22.52	69.42	-	-	A	V
		20565	51.47	-22.53	74	52.68	37.79	13.8	52.8	150	50	P	V
		20565	40.81	-13.19	54	42.02	37.79	13.8	52.8	150	50	A	V
		36480	49.41	-24.59	74	39.69	42.59	21.91	54.78	-	-	P	V
		36480	40.45	-13.55	54	30.73	42.59	21.91	54.78	-	-	A	V
		39956	53.27	-20.73	74	38.2	44.68	24.56	54.17	-	-	P	V
		39956	45.75	-8.25	54	30.68	44.68	24.56	54.17	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 117 6535MHz		11500	50.26	-23.74	74	60.45	40.17	17.23	67.59	-	-	P	H
		11500	42.1	-11.9	54	52.29	40.17	17.23	67.59	-	-	A	H
		13070	50.63	-37.57	88.2	60.99	38.95	18.56	67.87	-	-	P	H
		13390	49.37	-24.63	74	58.61	39.63	18.81	67.68	-	-	P	H
		13390	42.37	-11.63	54	51.61	39.63	18.81	67.68	-	-	A	H
		14490	51.38	-22.62	74	57.59	41.94	19.59	67.74	-	-	P	H
		14490	43.43	-10.57	54	49.64	41.94	19.59	67.74	-	-	A	H
		18000	60.2	-13.8	74	58.28	48.82	22.52	69.42	-	-	P	H
		18000	50.64	-3.36	54	48.72	48.82	22.52	69.42	-	-	A	H
		19605	39.61	-34.39	74	41.34	37.58	13.46	52.77	-	-	P	H
		36480	48.7	-25.3	74	39.03	42.54	21.91	54.78	-	-	P	H
		36480	40.11	-13.89	54	30.44	42.54	21.91	54.78	-	-	A	H
		39714	53.78	-20.22	74	38.62	44.78	24.4	54.02	-	-	P	H
		39714	46	-8	54	30.84	44.78	24.4	54.02	-	-	A	H
		11570	49.88	-24.12	74	60.19	40.01	17.3	67.62	-	-	P	V
		11570	41.55	-12.45	54	51.86	40.01	17.3	67.62	-	-	A	V
		13070	49.83	-38.37	88.2	60.25	38.89	18.56	67.87	-	-	P	V
		13380	49.61	-24.39	74	58.88	39.61	18.8	67.68	-	-	P	V
		13380	42.03	-11.97	54	51.3	39.61	18.8	67.68	-	-	A	V
		14490	50.88	-23.12	74	57.09	41.94	19.59	67.74	-	-	P	V
		14490	43.79	-10.21	54	50	41.94	19.59	67.74	-	-	A	V
		18000	60.24	-13.76	74	58.1	49.04	22.52	69.42	-	-	P	V
		18000	50.32	-3.68	54	48.18	49.04	22.52	69.42	-	-	A	V
		19605	40.11	-33.89	74	41.75	37.67	13.46	52.77	-	-	P	V
		36480	48.93	-25.07	74	39.21	42.59	21.91	54.78	-	-	P	V
		36480	39.86	-14.14	54	30.14	42.59	21.91	54.78	-	-	A	V
		39758	53.71	-20.29	74	38.3	44.62	24.43	53.64	-	-	P	V
		39758	45.67	-8.33	54	30.26	44.62	24.43	53.64	-	-	A	V

WIFI	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)
		12060	50.12	-23.88	74	60.86	39.28	17.69	67.71	-	-	P	H
		12060	41	-13	54	51.74	39.28	17.69	67.71	-	-	A	H
		13390	59.61	-14.39	74	68.73	39.75	18.81	67.68	242	247	P	H
		13390	49.68	-4.32	54	58.8	39.75	18.81	67.68	242	247	A	H
		14490	51.7	-22.3	74	57.91	41.94	19.59	67.74	-	-	P	H
		14490	45.22	-8.78	54	51.43	41.94	19.59	67.74	-	-	A	H
		17980	59.98	-14.02	74	58.6	48.3	22.5	69.42	-	-	P	H
		17980	49.88	-4.12	54	48.5	48.3	22.5	69.42	-	-	A	H
		20090	40.38	-33.62	74	42.14	37.67	13.46	52.89	-	-	P	H
		36480	48.49	-25.51	74	38.82	42.54	21.91	54.78	-	-	P	H
		36480	40.08	-13.92	54	30.41	42.54	21.91	54.78	-	-	A	H
		39802	53.56	-20.44	74	37.57	44.83	24.46	53.3	-	-	P	H
		39802	46.55	-7.45	54	30.56	44.83	24.46	53.3	-	-	A	H
802.11ax													
HE20 Full													
CH 149		10880	50.36	-23.64	74	61.78	40	16.76	68.18	-	-	P	V
6695MHz		10880	40.87	-13.13	54	52.29	40	16.76	68.18	-	-	A	V
		13390	59.26	-14.74	74	68.35	39.78	18.81	67.68	272	311	P	V
		13390	49.37	-4.63	54	58.46	39.78	18.81	67.68	272	311	A	V
		14490	50.44	-23.56	74	56.65	41.94	19.59	67.74	-	-	P	V
		14490	43.53	-10.47	54	49.74	41.94	19.59	67.74	-	-	A	V
		17990	60.1	-13.9	74	58.19	48.82	22.51	69.42	-	-	P	V
		17990	50.3	-3.7	54	48.39	48.82	22.51	69.42	-	-	A	V
		20090	39.99	-34.01	74	41.73	37.69	13.46	52.89	-	-	P	V
		36480	47.4	-26.6	74	37.68	42.59	21.91	54.78	-	-	P	V
		39846	53.44	-20.56	74	37.97	44.64	24.49	53.66	-	-	P	V
		39846	45.97	-8.03	54	30.5	44.64	24.49	53.66	-	-	A	V

WIFI	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)
		11260	50.22	-23.78	74	61.24	39.73	17.05	67.8	-	-	P	H
		11260	41.33	-12.67	54	52.35	39.73	17.05	67.8	-	-	A	H
		13350	49.44	-24.56	74	58.85	39.51	18.78	67.7	-	-	P	H
		13350	42.36	-11.64	54	51.77	39.51	18.78	67.7	-	-	A	H
		13710	52.5	-35.7	88.2	61.17	40.18	19.02	67.87	-	-	P	H
		14490	51	-23	74	57.21	41.94	19.59	67.74	-	-	P	H
		14490	43.39	-10.61	54	49.6	41.94	19.59	67.74	-	-	A	H
		18000	60.13	-13.87	74	58.21	48.82	22.52	69.42	-	-	P	H
		18000	50.45	-3.55	54	48.53	48.82	22.52	69.42	-	-	A	H
		20565	47.4	-26.6	74	48.56	37.84	13.8	52.8	-	-	P	H
		36480	47.89	-26.11	74	38.22	42.54	21.91	54.78	-	-	P	H
		39802	53.22	-20.78	74	37.23	44.83	24.46	53.3	-	-	P	H
		39802	46.2	-7.8	54	30.21	44.83	24.46	53.3	-	-	A	H
802.11ax													
HE20 Full													
CH 181		11320	50.34	-23.66	74	61.23	39.75	17.1	67.74	-	-	P	V
6855MHz		11320	41.38	-12.62	54	52.27	39.75	17.1	67.74	-	-	A	V
		13380	48.9	-25.1	74	58.17	39.61	18.8	67.68	-	-	P	V
		13380	42.16	-11.84	54	51.43	39.61	18.8	67.68	-	-	A	V
		13710	51.11	-37.09	88.2	59.77	40.19	19.02	67.87	-	-	P	V
		14490	51.61	-22.39	74	57.82	41.94	19.59	67.74	-	-	P	V
		14490	43.3	-10.7	54	49.51	41.94	19.59	67.74	-	-	A	V
		18000	60.49	-13.51	74	58.35	49.04	22.52	69.42	-	-	P	V
		18000	50.24	-3.76	54	48.1	49.04	22.52	69.42	-	-	A	V
		20565	45.04	-28.96	74	46.25	37.79	13.8	52.8	-	-	P	V
		36480	48.29	-25.71	74	38.57	42.59	21.91	54.78	-	-	P	V
		36480	40	-14	54	30.28	42.59	21.91	54.78	-	-	A	V
		39868	53.53	-20.47	74	38.22	44.65	24.5	53.84	-	-	P	V
		39868	45.66	-8.34	54	30.35	44.65	24.5	53.84	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	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)
		11400	49.99	-24.01	74	60.51	40.01	17.15	67.68	-	-	P	H
		11400	42.49	-11.51	54	53.01	40.01	17.15	67.68	-	-	A	H
		13130	51.45	-36.75	88.2	61.78	38.9	18.6	67.83	-	-	P	H
		13290	49.57	-24.43	74	59.3	39.28	18.73	67.74	-	-	P	H
		13290	41.76	-12.24	54	51.49	39.28	18.73	67.74	-	-	A	H
		14490	51.6	-22.4	74	57.81	41.94	19.59	67.74	-	-	P	H
		14490	43.83	-10.17	54	50.04	41.94	19.59	67.74	-	-	A	H
		18000	60.18	-13.82	74	58.26	48.82	22.52	69.42	-	-	P	H
		18000	49.92	-4.08	54	48	48.82	22.52	69.42	-	-	A	H
		19695	39.76	-34.24	74	41.57	37.59	13.44	52.84	-	-	P	H
		36480	48.62	-25.38	74	38.95	42.54	21.91	54.78	-	-	P	H
		36480	40.32	-13.68	54	30.65	42.54	21.91	54.78	-	-	A	H
		39978	53.8	-20.2	74	38.49	44.93	24.58	54.2	-	-	P	H
802.11ax		39978	45.5	-8.5	54	30.19	44.93	24.58	54.2	-	-	A	H
HE40 Full													
CH 123		11410	49.88	-24.12	74	60.44	39.95	17.16	67.67	-	-	P	V
6565MHz		11410	42.12	-11.88	54	52.68	39.95	17.16	67.67	-	-	A	V
		13130	50.07	-38.13	88.2	60.4	38.9	18.6	67.83	-	-	P	V
		13350	49.06	-24.94	74	58.51	39.47	18.78	67.7	-	-	P	V
		13350	42.03	-11.97	54	51.48	39.47	18.78	67.7	-	-	A	V
		14490	51.01	-22.99	74	57.22	41.94	19.59	67.74	-	-	P	V
		14490	42.76	-11.24	54	48.97	41.94	19.59	67.74	-	-	A	V
		18000	60.52	-13.48	74	58.38	49.04	22.52	69.42	-	-	P	V
		18000	50.14	-3.86	54	48	49.04	22.52	69.42	-	-	A	V
		19695	40.2	-33.8	74	41.93	37.67	13.44	52.84	-	-	P	V
		36480	47.99	-26.01	74	38.27	42.59	21.91	54.78	-	-	P	V
		39956	53.12	-20.88	74	38.05	44.68	24.56	54.17	-	-	P	V
		39956	45.48	-8.52	54	30.41	44.68	24.56	54.17	-	-	A	V

WIFI	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)
		11360	50.57	-23.43	74	61.24	39.92	17.12	67.71	-	-	P	H
		11360	41.55	-12.45	54	52.22	39.92	17.12	67.71	-	-	A	H
		13370	59.79	-14.21	74	68.99	39.7	18.79	67.69	147	286	P	H
		13370	50.48	-3.52	54	59.68	39.7	18.79	67.69	147	286	A	H
		14490	51.23	-22.77	74	57.44	41.94	19.59	67.74	-	-	P	H
		14490	42.47	-11.53	54	48.68	41.94	19.59	67.74	-	-	A	H
		17990	59.95	-14.05	74	58.3	48.56	22.51	69.42	-	-	P	H
		17990	50.05	-3.95	54	48.4	48.56	22.51	69.42	-	-	A	H
		20055	40.85	-33.15	74	42.66	37.65	13.43	52.89	-	-	P	H
		36480	47.92	-26.08	74	38.25	42.54	21.91	54.78	-	-	P	H
		39824	53.37	-20.63	74	37.54	44.84	24.47	53.48	-	-	P	H
		39824	46.14	-7.86	54	30.31	44.84	24.47	53.48	-	-	A	H
802.11ax													
HE40 Full													
CH 147		10940	50.2	-23.8	74	61.39	40.11	16.8	68.1	-	-	P	V
6685MHz		10940	41.86	-12.14	54	53.05	40.11	16.8	68.1	-	-	A	V
		13370	59.26	-14.74	74	68.47	39.69	18.79	67.69	272	310	P	V
		13370	49.44	-4.56	54	58.65	39.69	18.79	67.69	272	310	A	V
		14490	51.69	-22.31	74	57.9	41.94	19.59	67.74	-	-	P	V
		14490	43.56	-10.44	54	49.77	41.94	19.59	67.74	-	-	A	V
		17990	60.4	-13.6	74	58.49	48.82	22.51	69.42	-	-	P	V
		17990	50.7	-3.3	54	48.79	48.82	22.51	69.42	-	-	A	V
		20055	40.46	-33.54	74	42.23	37.69	13.43	52.89	-	-	P	V
		36480	49.05	-24.95	74	39.33	42.59	21.91	54.78	-	-	P	V
		36480	39.81	-14.19	54	30.09	42.59	21.91	54.78	-	-	A	V
		39780	53.72	-20.28	74	38.11	44.62	24.44	53.45	-	-	P	V
		39780	46.34	-7.66	54	30.73	44.62	24.44	53.45	-	-	A	V

WIFI	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)
		11330	50.24	-23.76	74	61.04	39.84	17.1	67.74	-	-	P	H
		11330	40.94	-13.06	54	51.74	39.84	17.1	67.74	-	-	A	H
		13300	49.24	-24.76	74	58.91	39.32	18.74	67.73	-	-	P	H
		13300	41.95	-12.05	54	51.62	39.32	18.74	67.73	-	-	A	H
		13690	50.35	-37.85	88.2	59.02	40.17	19.01	67.85	-	-	P	H
		14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	H
		14490	42.85	-11.15	54	49.06	41.94	19.59	67.74	-	-	A	H
		18000	60.59	-13.41	74	58.67	48.82	22.52	69.42	-	-	P	H
		18000	50.02	-3.98	54	48.1	48.82	22.52	69.42	-	-	A	H
		20535	51.01	-22.99	74	52.24	37.82	13.78	52.83	150	165	P	H
		20535	40.63	-13.37	54	41.86	37.82	13.78	52.83	150	165	A	H
		36480	48.53	-25.47	74	38.86	42.54	21.91	54.78	-	-	P	H
		36480	40.17	-13.83	54	30.5	42.54	21.91	54.78	-	-	A	H
802.11ax		39868	53.59	-20.41	74	38.06	44.87	24.5	53.84	-	-	P	H
HE40 Full		39868	46.2	-7.8	54	30.67	44.87	24.5	53.84	-	-	A	H
CH 179		11410	50.86	-23.14	74	61.42	39.95	17.16	67.67	-	-	P	V
6845MHz		11410	41.16	-12.84	54	51.72	39.95	17.16	67.67	-	-	A	V
		13350	49.62	-24.38	74	59.07	39.47	18.78	67.7	-	-	P	V
		13350	41.9	-12.1	54	51.35	39.47	18.78	67.7	-	-	A	V
		13690	50.59	-37.61	88.2	59.27	40.16	19.01	67.85	-	-	P	V
		14490	51.69	-22.31	74	57.9	41.94	19.59	67.74	-	-	P	V
		14490	43.11	-10.89	54	49.32	41.94	19.59	67.74	-	-	A	V
		18000	60.42	-13.58	74	58.28	49.04	22.52	69.42	-	-	P	V
		18000	50.49	-3.51	54	48.35	49.04	22.52	69.42	-	-	A	V
		20535	44.72	-29.28	74	45.99	37.78	13.78	52.83	-	-	P	V
		36480	47.91	-26.09	74	38.19	42.59	21.91	54.78	-	-	P	V
		39934	53.62	-20.38	74	38.54	44.67	24.55	54.14	-	-	P	V
		39934	45.89	-8.11	54	30.81	44.67	24.55	54.14	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	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)
		11330	50.55	-23.45	74	61.35	39.84	17.1	67.74	-	-	P	H
		11330	41.64	-12.36	54	52.44	39.84	17.1	67.74	-	-	A	H
		13250	56.49	-17.51	74	66.38	39.19	18.68	67.76	189	291	P	H
		13250	46.38	-7.62	54	56.27	39.19	18.68	67.76	189	291	A	H
		14490	50.89	-23.11	74	57.1	41.94	19.59	67.74	-	-	P	H
		14490	42.74	-11.26	54	48.95	41.94	19.59	67.74	-	-	A	H
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H
		18000	50.53	-3.47	54	48.61	48.82	22.52	69.42	-	-	A	H
		19875	40.74	-33.26	74	42.59	37.62	13.41	52.88	-	-	P	H
		36480	48.98	-25.02	74	39.31	42.54	21.91	54.78	-	-	P	H
		36480	40.28	-13.72	54	30.61	42.54	21.91	54.78	-	-	A	H
		38856	52.97	-21.03	74	39.76	44.27	23.73	54.79	-	-	P	H
		38856	44.07	-9.93	54	30.86	44.27	23.73	54.79	-	-	A	H
802.11ax													
HE80 Full													
CH 135		11410	50.45	-23.55	74	61.01	39.95	17.16	67.67	-	-	P	V
6625MHz		11410	40.84	-13.16	54	51.4	39.95	17.16	67.67	-	-	A	V
		13250	50.67	-23.33	74	60.59	39.16	18.68	67.76	305	204	P	V
		13250	41.36	-12.64	54	51.28	39.16	18.68	67.76	305	204	A	V
		14490	51.71	-22.29	74	57.92	41.94	19.59	67.74	-	-	P	V
		14490	42.88	-11.12	54	49.09	41.94	19.59	67.74	-	-	A	V
		18000	60.53	-13.47	74	58.39	49.04	22.52	69.42	-	-	P	V
		18000	50.7	-3.3	54	48.56	49.04	22.52	69.42	-	-	A	V
		19875	41.18	-32.82	74	42.97	37.68	13.41	52.88	-	-	P	V
		36480	50.08	-23.92	74	40.36	42.59	21.91	54.78	-	-	P	V
		36480	40.17	-13.83	54	30.45	42.59	21.91	54.78	-	-	A	V
		39846	53.38	-20.62	74	37.91	44.64	24.49	53.66	-	-	P	V
		39846	45.94	-8.06	54	30.47	44.64	24.49	53.66	-	-	A	V

WIFI	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)
		11480	49.44	-24.56	74	59.68	40.15	17.22	67.61	-	-	P	H
		11480	42.13	-11.87	54	52.37	40.15	17.22	67.61	-	-	A	H
		13410	51.54	-36.66	88.2	60.66	39.71	18.83	67.66	-	-	P	H
		14490	51.4	-22.6	74	57.61	41.94	19.59	67.74	-	-	P	H
		14490	43.51	-10.49	54	49.72	41.94	19.59	67.74	-	-	A	H
		18000	60.12	-13.88	74	58.2	48.82	22.52	69.42	-	-	P	H
		18000	50.1	-3.9	54	48.18	48.82	22.52	69.42	-	-	A	H
		20115	38.37	-35.63	74	40.11	37.68	13.47	52.89	-	-	P	H
		36480	49.37	-24.63	74	39.7	42.54	21.91	54.78	-	-	P	H
		36480	40.31	-13.69	54	30.64	42.54	21.91	54.78	-	-	A	H
		39230	52.93	-21.07	74	38.74	44.43	24.07	54.31	-	-	P	H
		39230	45	-9	54	30.81	44.43	24.07	54.31	-	-	A	H
802.11ax													
HE80 Full													
CH 151		11330	49.89	-24.11	74	60.75	39.78	17.1	67.74	-	-	P	V
6705MHz		11330	41.56	-12.44	54	52.42	39.78	17.1	67.74	-	-	A	V
		13410	50.45	-37.75	88.2	59.54	39.74	18.83	67.66	-	-	P	V
		14490	50.49	-23.51	74	56.7	41.94	19.59	67.74	-	-	P	V
		14490	42.67	-11.33	54	48.88	41.94	19.59	67.74	-	-	A	V
		18000	60.43	-13.57	74	58.29	49.04	22.52	69.42	-	-	P	V
		18000	50.78	-3.22	54	48.64	49.04	22.52	69.42	-	-	A	V
		20115	38.62	-35.38	74	40.34	37.7	13.47	52.89	-	-	P	V
		36480	49.68	-24.32	74	39.96	42.59	21.91	54.78	-	-	P	V
		36480	40.36	-13.64	54	30.64	42.59	21.91	54.78	-	-	A	V
		39340	52.82	-21.18	74	38.57	44.41	24.14	54.3	-	-	P	V
		39340	44.69	-9.31	54	30.44	44.41	24.14	54.3	-	-	A	V

WIFI	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)
		11320	49.58	-24.42	74	60.41	39.81	17.1	67.74	-	-	P	H
		11320	42.16	-11.84	54	52.99	39.81	17.1	67.74	-	-	A	H
		13310	48.6	-25.4	74	58.22	39.36	18.74	67.72	-	-	P	H
		13310	42.09	-11.91	54	51.71	39.36	18.74	67.72	-	-	A	H
		13570	50.33	-37.87	88.2	59.09	39.99	18.95	67.7	-	-	P	H
		14490	50.62	-23.38	74	56.83	41.94	19.59	67.74	-	-	P	H
		14490	42.37	-11.63	54	48.58	41.94	19.59	67.74	-	-	A	H
		18000	60.53	-13.47	74	58.61	48.82	22.52	69.42	-	-	P	H
		18000	50.08	-3.92	54	48.16	48.82	22.52	69.42	-	-	A	H
		20355	43.07	-30.93	74	44.55	37.76	13.65	52.89	-	-	P	H
		36480	50.12	-23.88	74	40.45	42.54	21.91	54.78	-	-	P	H
		36480	39.77	-14.23	54	30.1	42.54	21.91	54.78	-	-	A	H
		39978	53.26	-20.74	74	37.95	44.93	24.58	54.2	-	-	P	H
802.11ax		39978	45.16	-8.84	54	29.85	44.93	24.58	54.2	-	-	A	H
HE80 Full													
CH 167		11390	49.8	-24.2	74	60.43	39.9	17.15	67.68	-	-	P	V
6785MHz		11390	42.18	-11.82	54	52.81	39.9	17.15	67.68	-	-	A	V
		13310	49.05	-24.95	74	58.69	39.34	18.74	67.72	-	-	P	V
		13310	41.42	-12.58	54	51.06	39.34	18.74	67.72	-	-	A	V
		13570	49.57	-38.63	88.2	58.29	40.03	18.95	67.7	-	-	P	V
		14490	50.81	-23.19	74	57.02	41.94	19.59	67.74	-	-	P	V
		14490	42.57	-11.43	54	48.78	41.94	19.59	67.74	-	-	A	V
		18000	60.29	-13.71	74	58.15	49.04	22.52	69.42	-	-	P	V
		18000	50.56	-3.44	54	48.42	49.04	22.52	69.42	-	-	A	V
		20355	38.9	-35.1	74	40.4	37.74	13.65	52.89	-	-	P	V
		36480	49.42	-24.58	74	39.7	42.59	21.91	54.78	-	-	P	V
		36480	40.47	-13.53	54	30.75	42.59	21.91	54.78	-	-	A	V
		39978	52.95	-21.05	74	37.89	44.68	24.58	54.2	-	-	P	V
		39978	45.5	-8.5	54	30.44	44.68	24.58	54.2	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	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)
		11370	50.1	-23.9	74	60.73	39.94	17.13	67.7	-	-	P	H
		11370	41.79	-12.21	54	52.42	39.94	17.13	67.7	-	-	A	H
		13330	55.26	-18.74	74	64.67	39.54	18.76	67.71	210	288	P	H
		13330	45.01	-8.99	54	54.42	39.54	18.76	67.71	210	288	A	H
		14490	51.49	-22.51	74	57.7	41.94	19.59	67.74	-	-	P	H
		14490	42.98	-11.02	54	49.19	41.94	19.59	67.74	-	-	A	H
		18000	60.6	-13.4	74	58.68	48.82	22.52	69.42	-	-	P	H
		18000	50	-4	54	48.08	48.82	22.52	69.42	-	-	A	H
		19995	38.85	-35.15	74	40.71	37.64	13.39	52.89	-	-	P	H
		36480	49.54	-24.46	74	39.87	42.54	21.91	54.78	-	-	P	H
		36480	40.15	-13.85	54	30.48	42.54	21.91	54.78	-	-	A	H
		39252	52.93	-21.07	74	38.7	44.45	24.08	54.3	-	-	P	H
802.11ax		39252	44.86	-9.14	54	30.63	44.45	24.08	54.3	-	-	A	H
HE160 Full													
CH 143		11400	49.89	-24.11	74	60.5	39.92	17.15	67.68	-	-	P	V
6665MHz		11400	42.43	-11.57	54	53.04	39.92	17.15	67.68	-	-	A	V
		13330	55.21	-18.79	74	64.64	39.52	18.76	67.71	300	309	P	V
		13330	45.06	-8.94	54	54.49	39.52	18.76	67.71	300	309	A	V
		14490	50.71	-23.29	74	56.92	41.94	19.59	67.74	-	-	P	V
		14490	43.62	-10.38	54	49.83	41.94	19.59	67.74	-	-	A	V
		18000	60.14	-13.86	74	58	49.04	22.52	69.42	-	-	P	V
		18000	50.68	-3.32	54	48.54	49.04	22.52	69.42	-	-	A	V
		19995	38.39	-35.61	74	40.21	37.68	13.39	52.89	-	-	P	V
		36480	50.28	-23.72	74	40.56	42.59	21.91	54.78	-	-	P	V
		36480	40.76	-13.24	54	31.04	42.59	21.91	54.78	-	-	A	V
		39780	52.88	-21.12	74	37.27	44.62	24.44	53.45	-	-	P	V
		39780	45.6	-8.4	54	29.99	44.62	24.44	53.45	-	-	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH15 6025MHz LF		62.98	30.88	-9.12	40	50.12	11.8	1.39	32.43	-	-	P	H
		333.61	31.55	-14.45	46	41.21	19.77	3.02	32.45	-	-	P	H
		749.74	34.79	-11.21	46	34.52	27.99	4.66	32.38	-	-	P	H
		841.89	35.72	-10.28	46	34.09	28.81	4.81	31.99	-	-	P	H
		874.87	39.56	-6.44	46	37.3	29.1	4.94	31.78	165	225	Q	H
		874.87	42.96	-3.04	46	40.7	29.1	4.94	31.78	165	225	P	H
		942.77	39.93	-6.07	46	35.53	30.47	5.2	31.27	-	-	P	H
		38.73	32.98	-7.02	40	43.9	20.46	1.06	32.44	-	-	P	V
		62.01	33.43	-6.57	40	52.78	11.7	1.38	32.43	-	-	P	V
		105.66	31.92	-11.58	43.5	46.03	16.57	1.73	32.41	-	-	P	V
		430.61	37.33	-8.67	46	43.58	22.7	3.57	32.52	-	-	P	V
		874.87	37.64	-8.36	46	35.38	29.1	4.94	31.78	-	-	P	V
		952.47	36.91	-9.09	46	32.11	30.75	5.23	31.18	-	-	P	V

Remark

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

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **Margin** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5922.58	63.25	-24.95	88.2	48.98	32.52	11.99	30.24	376	292	P	H
		5922.02	54.07	-14.13	68.2	39.8	32.52	11.99	30.24	376	292	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 @ 5922.58MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.52 (dB/m) + 11.99 (dB) + 48.98 (dBμV) – 30.24 (dB)

= 63.25 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 63.25 (dBμV/m) –88.2 (dBμV/m)

= -24.95 (dB)

For Average Limit @ 5922.02MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.52 (dB/m) + 11.99 (dB) + 39.8 (dBμV) – 30.24 (dB)

= 54.07 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 54.07 (dBμV/m) – 68.2 (dBμV/m)

= -14.13 (dB)

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

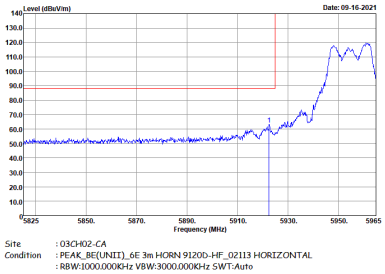
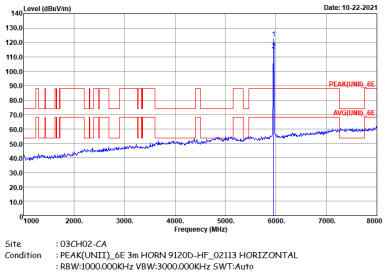
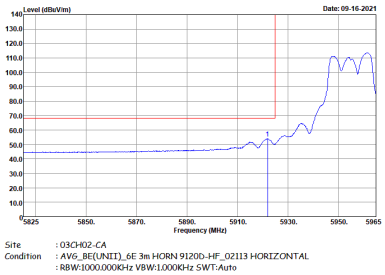
Appendix D. Radiated Spurious Emission

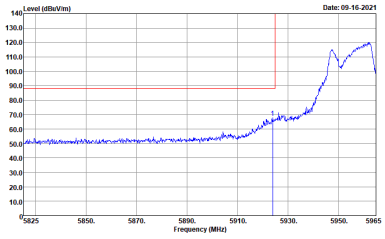
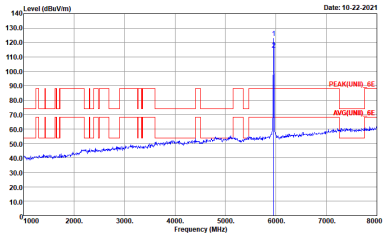
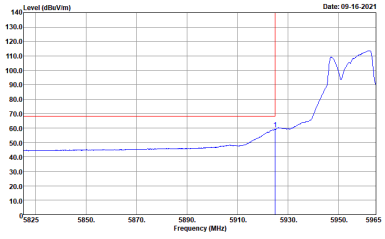
Test Engineer :	Michael Bui and Daniel Lee	**Temperature :**	20~23°C
		Relative Humidity :	40~43%

<CDD Mode>
MIMO <Ant. E+F+G+H>

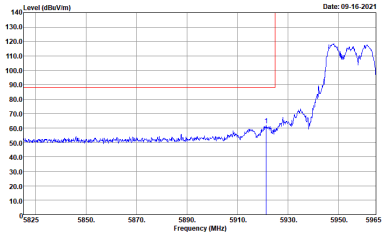
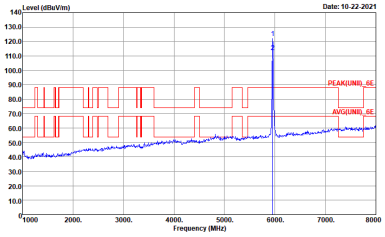
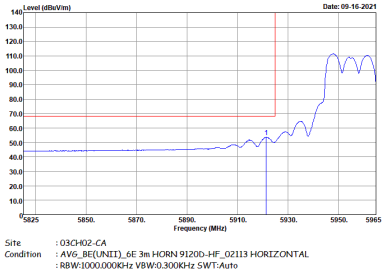
UNII-5 - 5925~6425MHz

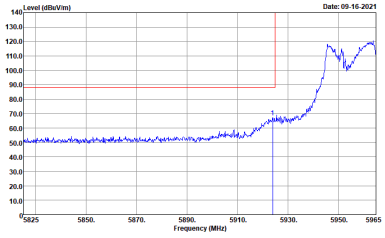
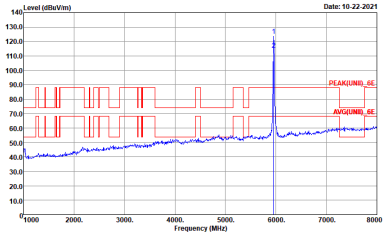
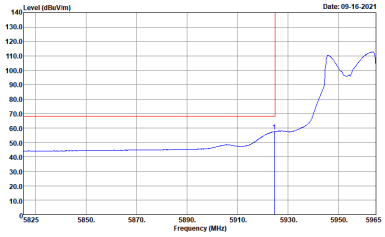
WIFI 802.11a (Band Edge @ 3m)

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11a CH01 5955MHz	
	Horizontal	Fundamental
Peak		
Avg.		Left blank

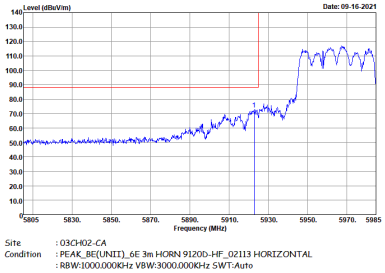
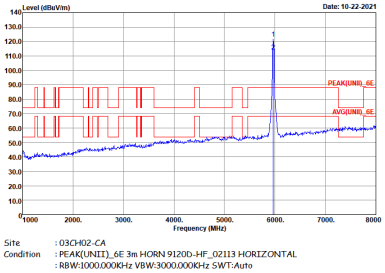
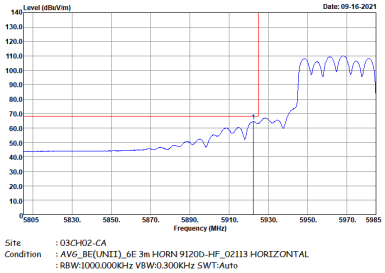
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11a CH01 5955MHz	
	Vertical	Fundamental
Peak		
Avg.		Left blank

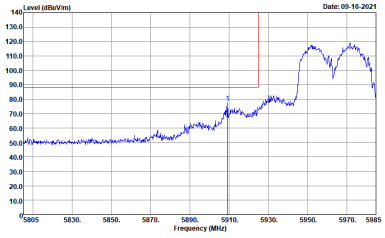
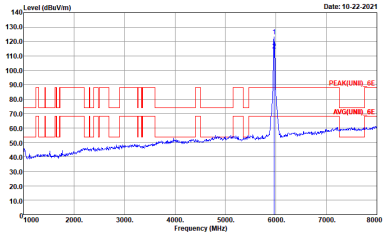
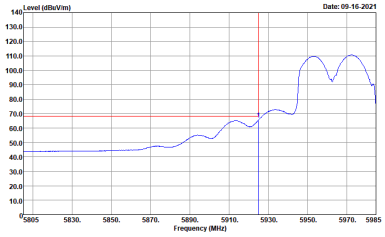
UNII-5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE20 Full CH01 5955MHz	
	Horizontal	Fundamental
Peak		
Avg.		Left blank

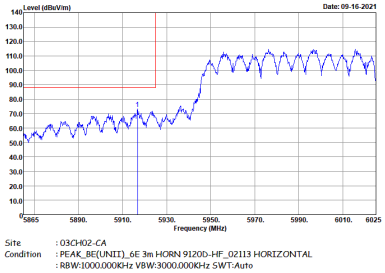
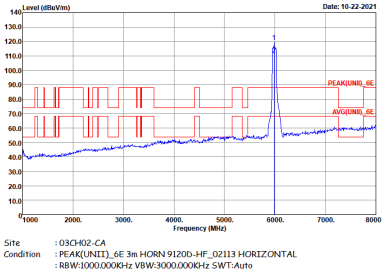
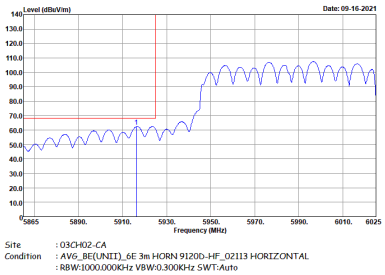
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE20 Full CH01 5955MHz	
	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

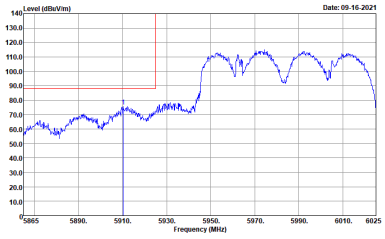
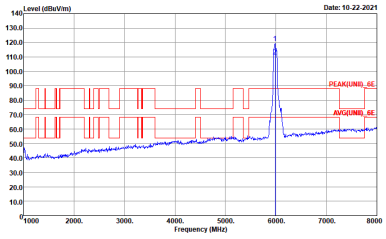
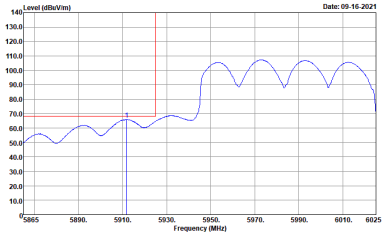
UNII-5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE40 Full CH03 5965MHz	
	Horizontal	Fundamental
Peak		
Avg.		Left blank

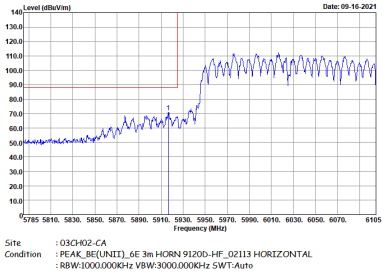
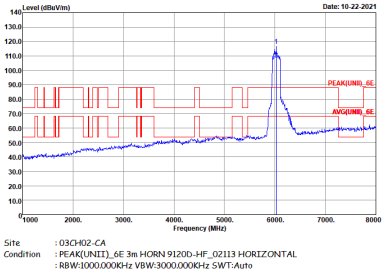
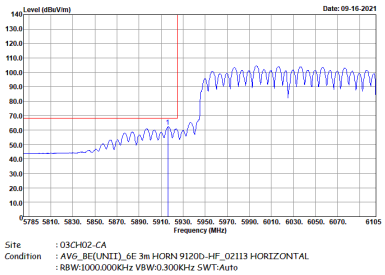
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE40 Full CH03 5965MHz	
	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

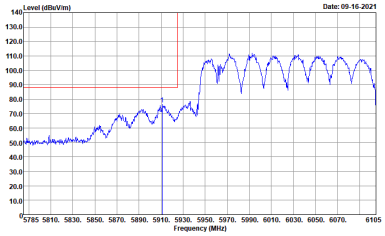
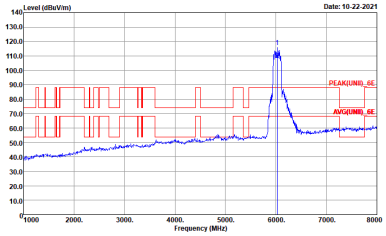
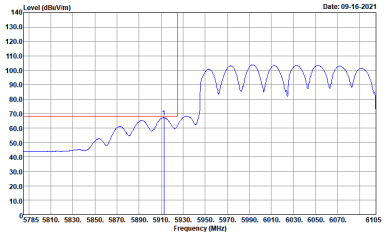
UNII-5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE80 Full CH07 5985MHz	
	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE80 Full CH07 5985MHz	
	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

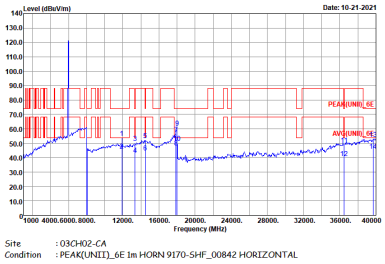
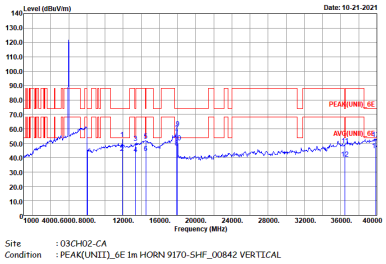
UNII-5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

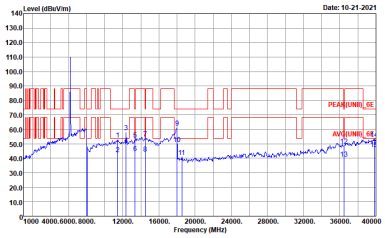
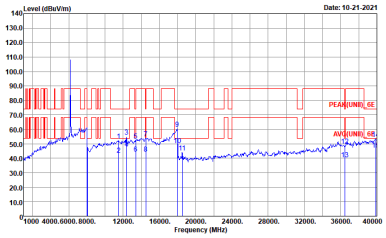
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Horizontal	Fundamental
Peak		
Avg.		Left blank

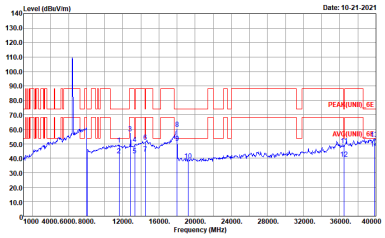
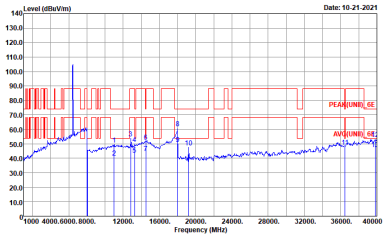
WIFI	UNII-5 5925~6425MHz Band Edge @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

UNII-5 - 5925~6425MHz

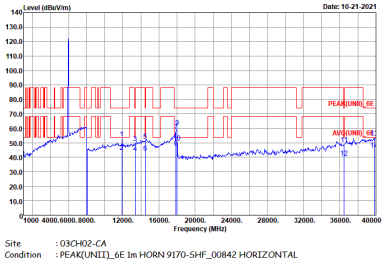
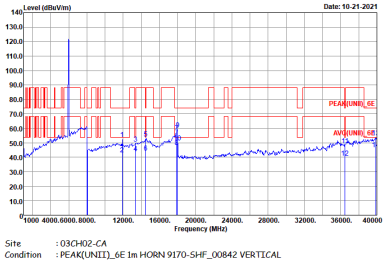
WIFI 802.11a (Harmonic @ 3m)

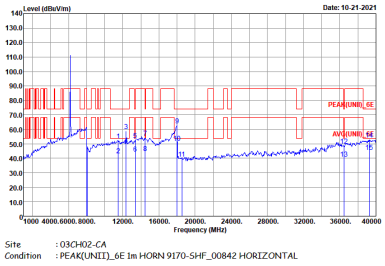
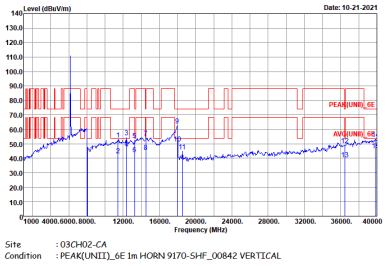
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH01 5955MHz	
	Horizontal	Vertical
Peak		

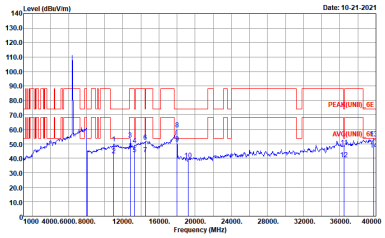
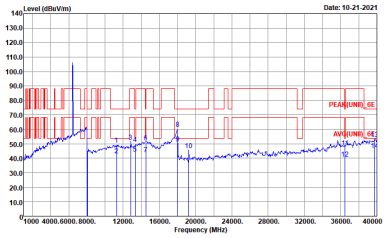
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH45 6175MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11a CH93 6415MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

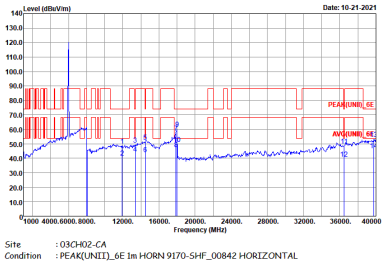
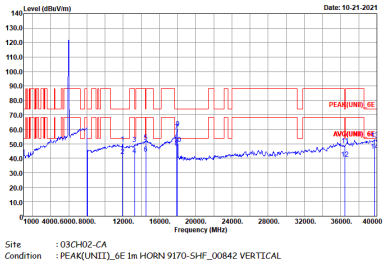
UNII-5 5925~6425MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

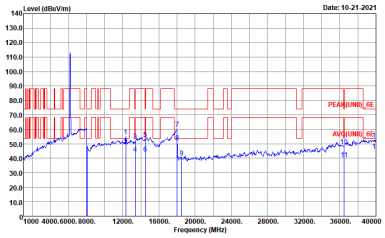
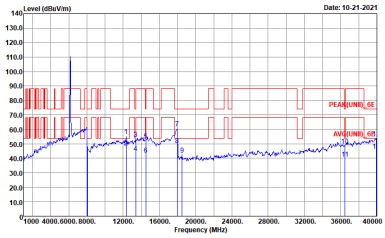
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH01 5955MHz	
	Horizontal	Vertical
Peak		

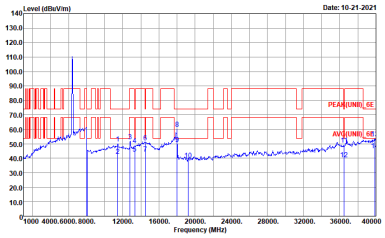
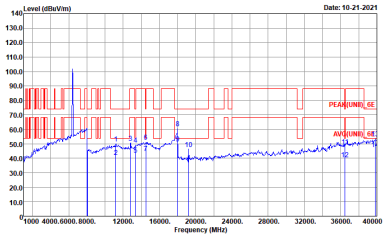
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH45 6175MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE20 Full CH93 6415MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

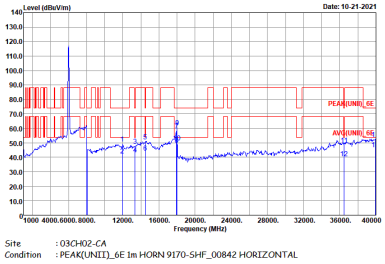
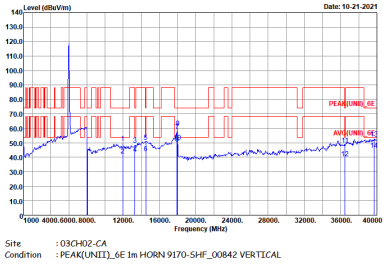
UNII-5 5925~6425MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

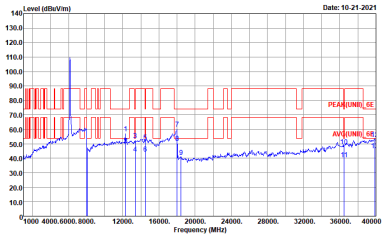
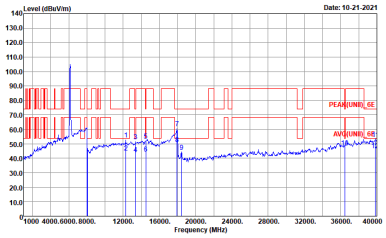
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH03 5965MHz	
	Horizontal	Vertical
Peak		

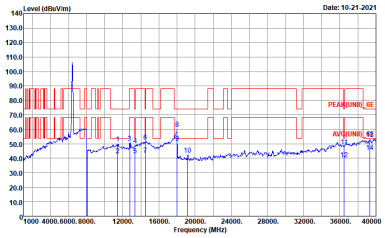
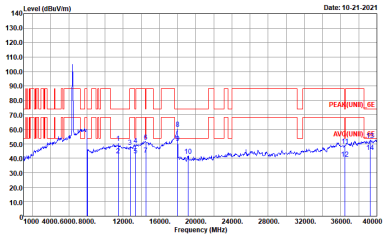
WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH43 6165MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE40 Full CH91 6405MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

UNII-5 5925~6425MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH07 5985MHz	
	Horizontal	Vertical
Peak		

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH39 6145MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE80 Full CH87 6385MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNII)_6E 1m HORN 9170-SHF_00842 VERTICAL

UNII-5 5925~6425MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	UNII-5 5925~6425MHz Harmonic @ 3m	
	802.11ax HE160 Full CH15 6025MHz	
	Horizontal	Vertical
Peak