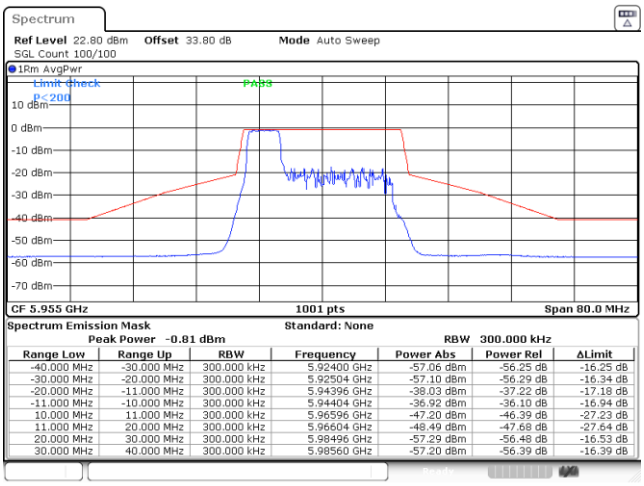
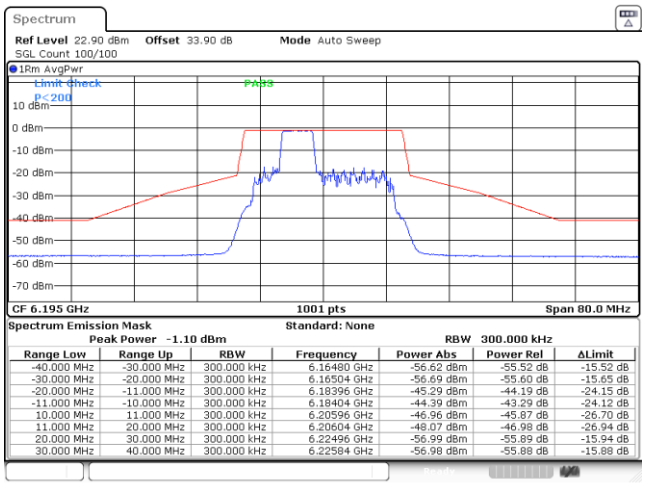
EUT Mode :	802.11ax HE20 52RU

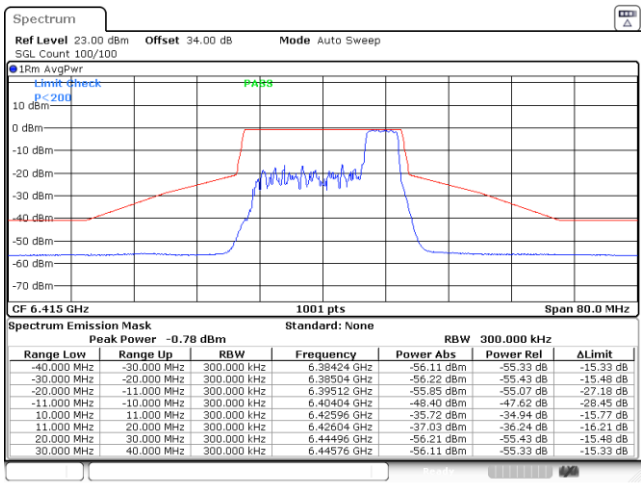
Plot on Channel 5955MHz



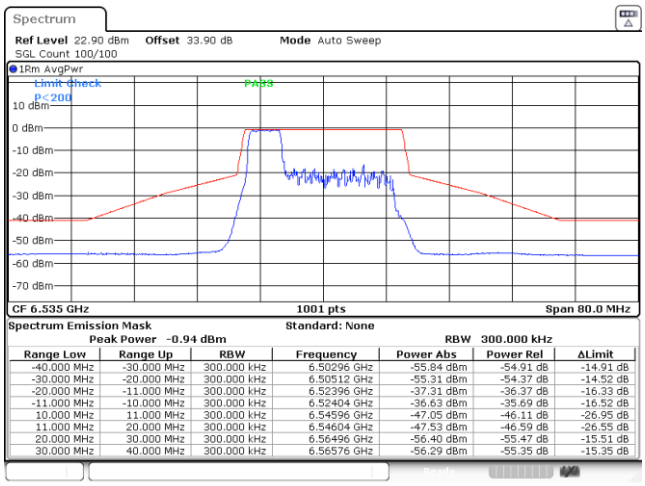
Plot on Channel 6195MHz



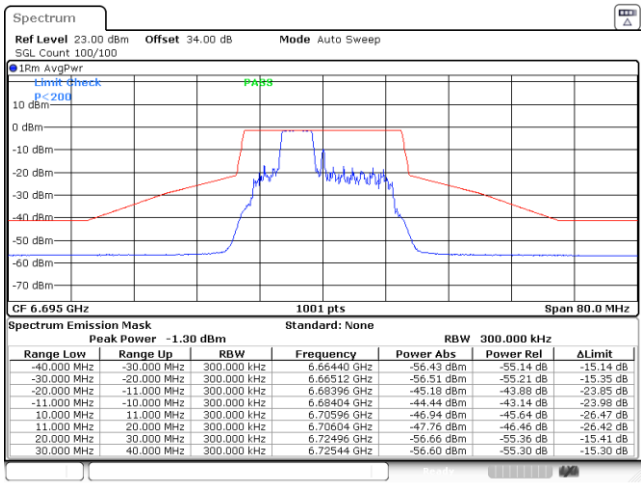
Plot on Channel 6415MHz



Plot on Channel 6535MHz



Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66440 GHz	-56.43 dBm	-55.14 dB	-15.14 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66512 GHz	-56.51 dBm	-55.21 dB	-15.35 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-45.18 dBm	-43.88 dB	-23.85 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-44.44 dBm	-43.14 dB	-23.98 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-46.94 dBm	-45.64 dB	-26.47 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-47.76 dBm	-46.46 dB	-26.42 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-56.66 dBm	-55.36 dB	-15.41 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72544 GHz	-56.60 dBm	-55.30 dB	-15.30 dB

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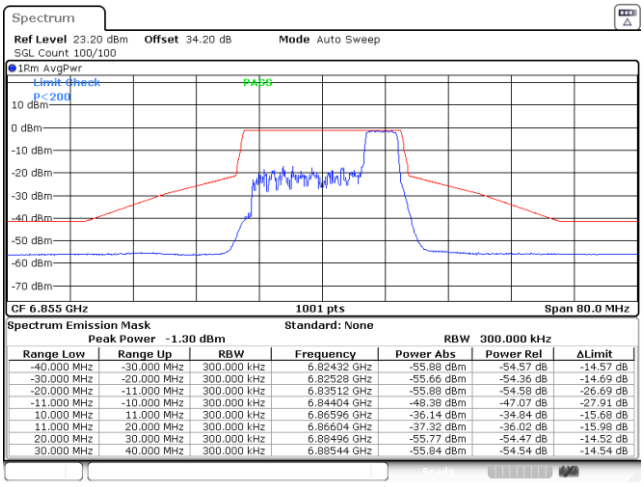
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82432 GHz	-55.88 dBm	-54.57 dB	-14.57 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82528 GHz	-55.66 dBm	-54.36 dB	-14.69 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.83512 GHz	-55.88 dBm	-54.58 dB	-26.69 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-48.38 dBm	-47.07 dB	-27.91 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-36.14 dBm	-34.84 dB	-15.68 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-37.32 dBm	-36.02 dB	-15.98 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88496 GHz	-55.77 dBm	-54.47 dB	-14.52 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88544 GHz	-55.84 dBm	-54.54 dB	-14.54 dB

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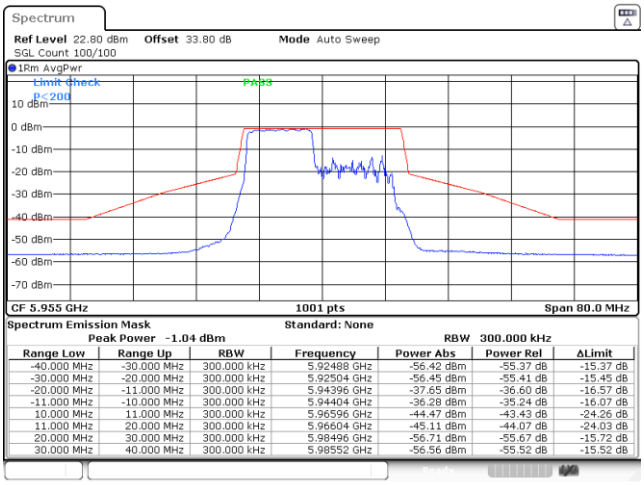
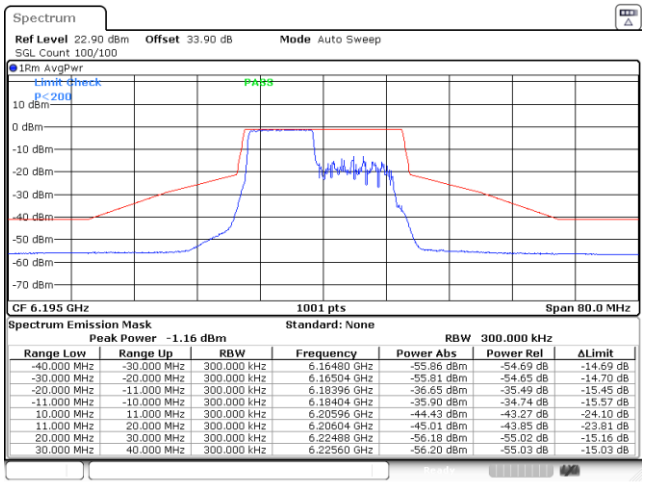
EUT Mode :	802.11ax HE20 106RU

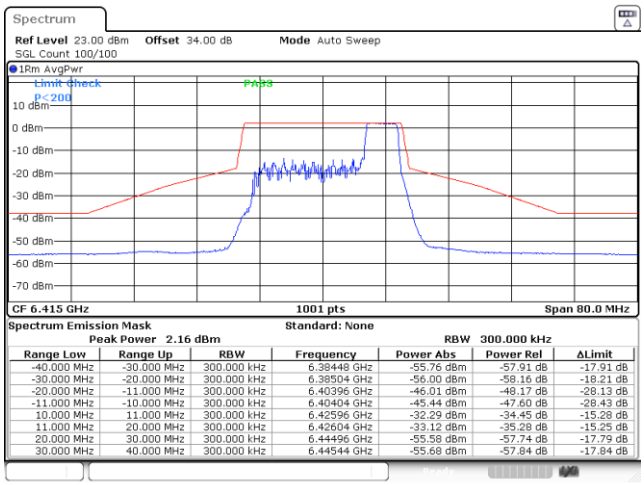
Plot on Channel 5955MHz



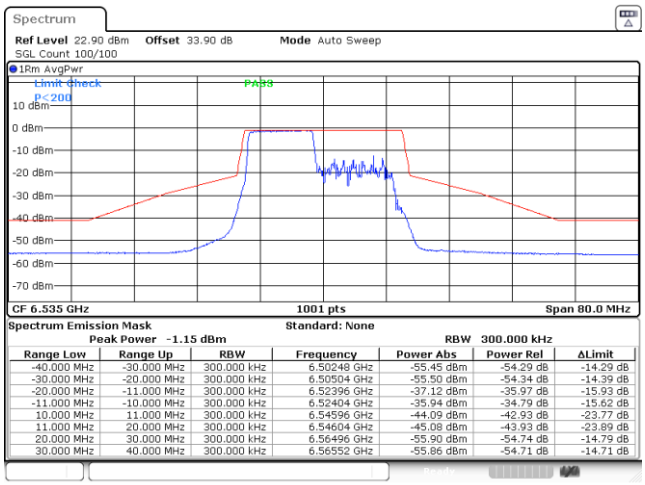
Plot on Channel 6195MHz



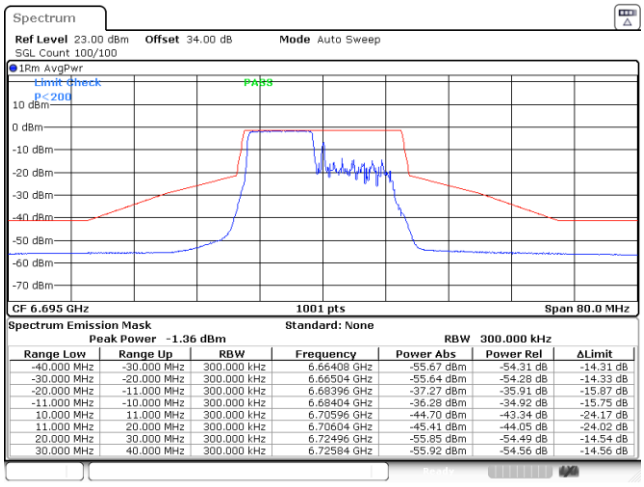
Plot on Channel 6415MHz



Plot on Channel 6535MHz



Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66408 GHz	-55.67 dBm	-54.31 dB	-14.31 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-55.64 dBm	-54.28 dB	-14.33 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-37.27 dBm	-35.91 dB	-15.87 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-36.28 dBm	-34.92 dB	-15.75 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-44.70 dBm	-43.34 dB	-24.17 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-45.41 dBm	-44.05 dB	-24.02 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-55.85 dBm	-54.49 dB	-14.54 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72584 GHz	-55.92 dBm	-54.56 dB	-14.56 dB

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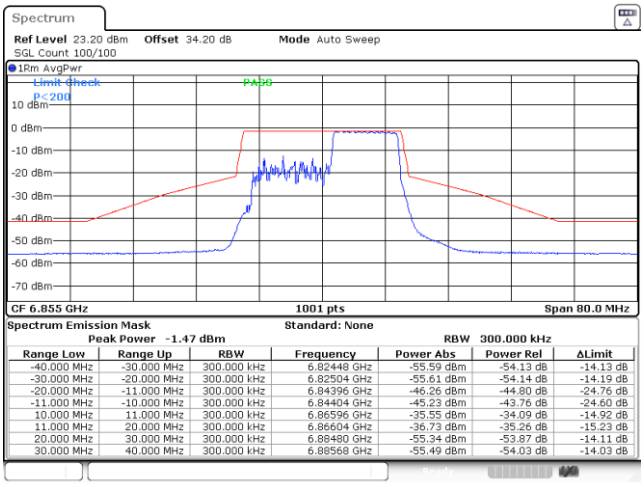
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82448 GHz	-55.59 dBm	-54.13 dB	-14.13 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82504 GHz	-55.61 dBm	-54.14 dB	-14.19 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-46.26 dBm	-44.80 dB	-24.76 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-45.23 dBm	-43.76 dB	-24.60 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-35.55 dBm	-34.09 dB	-14.92 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-36.73 dBm	-35.26 dB	-15.23 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88480 GHz	-55.34 dBm	-53.87 dB	-14.11 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88568 GHz	-55.49 dBm	-54.03 dB	-14.03 dB

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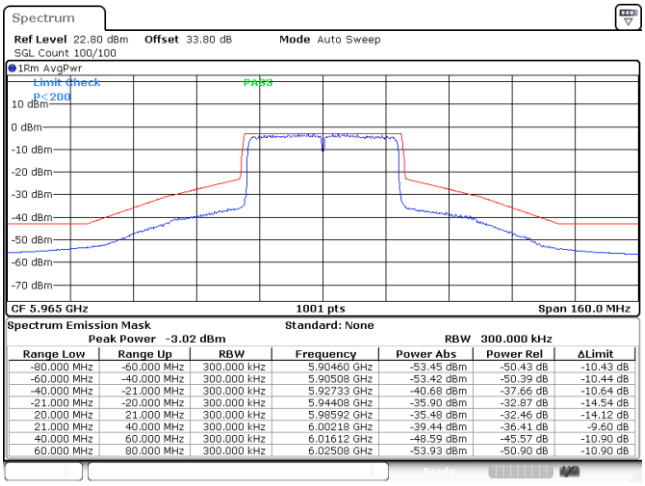
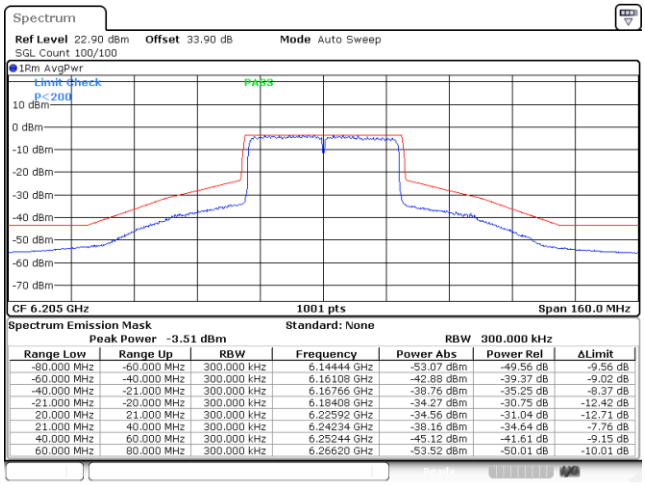
EUT Mode :	802.11ax HE40 Full RU

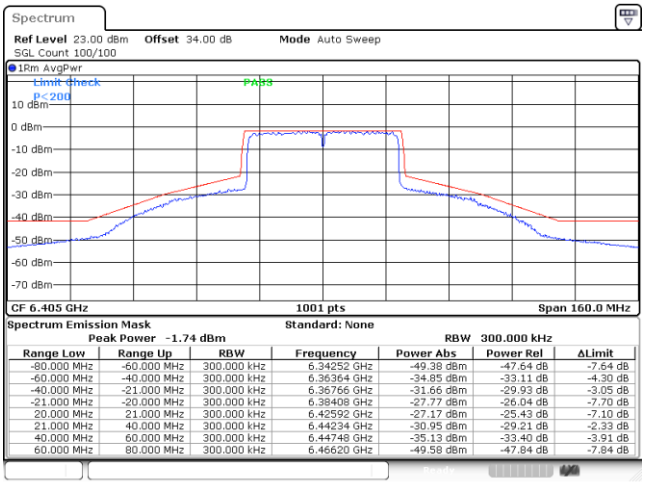
Plot on Channel 5965MHz



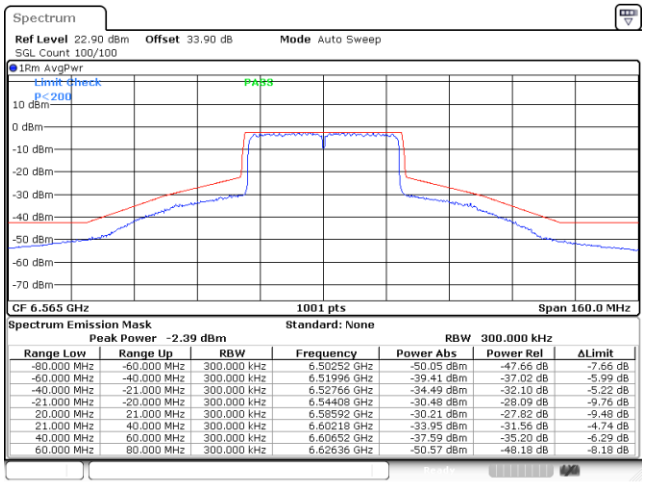
Plot on Channel 6205MHz



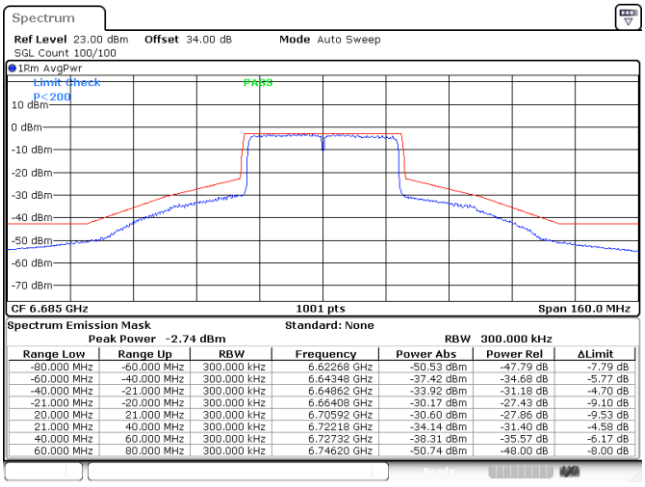
Plot on Channel 6405MHz



Plot on Channel 6565MHz



Plot on Channel 6685MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.62268 GHz	-50.53 dBm	-47.79 dB	-7.79 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.64348 GHz	-37.42 dBm	-34.68 dB	-5.77 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.64862 GHz	-33.92 dBm	-31.18 dB	-4.70 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.66408 GHz	-30.17 dBm	-27.43 dB	-9.10 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.70592 GHz	-30.60 dBm	-27.86 dB	-9.53 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.72218 GHz	-34.14 dBm	-31.40 dB	-4.58 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.72732 GHz	-38.31 dBm	-35.57 dB	-6.17 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.74620 GHz	-50.74 dBm	-48.00 dB	-8.00 dB

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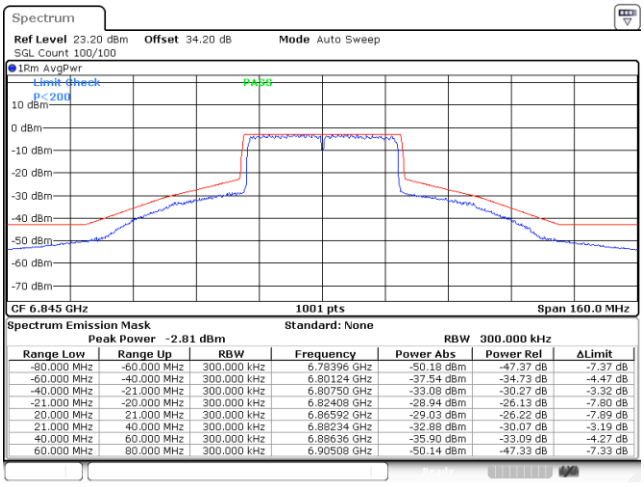
Plot on Channel 6845MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.78396 GHz	-50.18 dBm	-47.37 dB	-7.37 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.80124 GHz	-37.54 dBm	-34.73 dB	-4.47 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.80750 GHz	-33.08 dBm	-30.27 dB	-3.32 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.82408 GHz	-28.94 dBm	-26.13 dB	-7.80 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.86592 GHz	-29.03 dBm	-26.22 dB	-7.89 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.88234 GHz	-32.88 dBm	-30.07 dB	-3.19 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.88636 GHz	-35.90 dBm	-33.09 dB	-4.27 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.90508 GHz	-50.14 dBm	-47.33 dB	-7.33 dB

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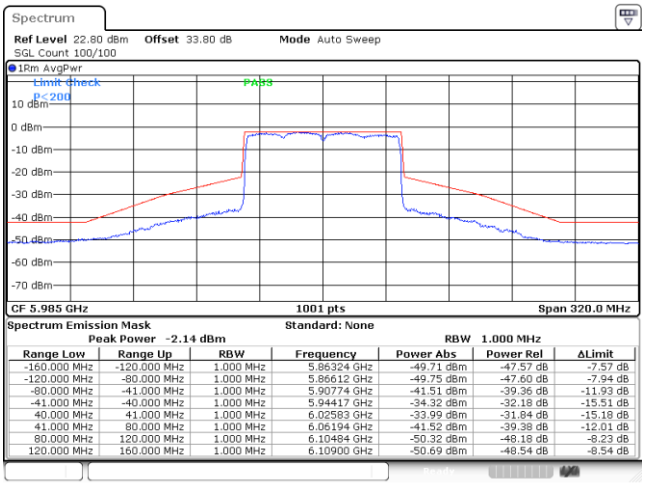
EUT Mode :	802.11ax HE80 Full RU

Plot on Channel 5985MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	5.86324 GHz	-49.71 dBm	-47.57 dB	-7.57 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.86612 GHz	-49.75 dBm	-47.60 dB	-7.94 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.90774 GHz	-41.51 dBm	-39.36 dB	-11.93 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94417 GHz	-34.32 dBm	-32.18 dB	-15.51 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02583 GHz	-33.99 dBm	-31.84 dB	-15.18 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.06194 GHz	-41.52 dBm	-39.38 dB	-12.01 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.10484 GHz	-50.32 dBm	-48.18 dB	-8.23 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.10900 GHz	-50.69 dBm	-48.54 dB	-8.54 dB

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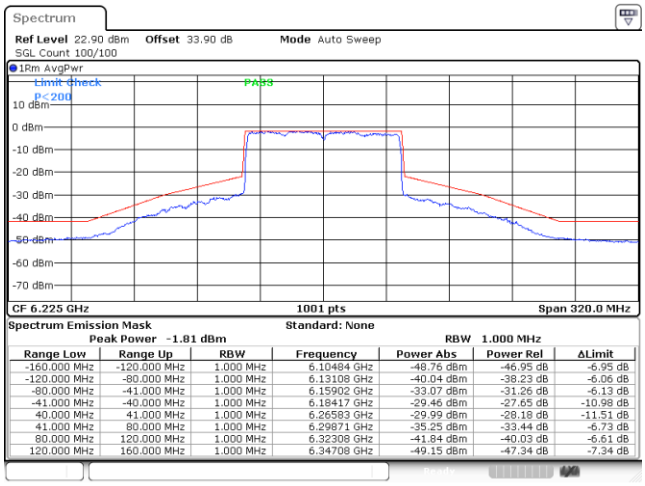
Plot on Channel 6225MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.10484 GHz	-48.76 dBm	-46.95 dB	-6.95 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.13108 GHz	-40.04 dBm	-38.23 dB	-6.06 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.15902 GHz	-33.07 dBm	-31.26 dB	-6.13 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.18417 GHz	-29.46 dBm	-27.65 dB	-10.98 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.26583 GHz	-29.99 dBm	-28.18 dB	-11.51 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.29871 GHz	-35.25 dBm	-33.44 dB	-6.73 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.32308 GHz	-41.84 dBm	-40.03 dB	-6.61 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.34708 GHz	-49.15 dBm	-47.34 dB	-7.34 dB

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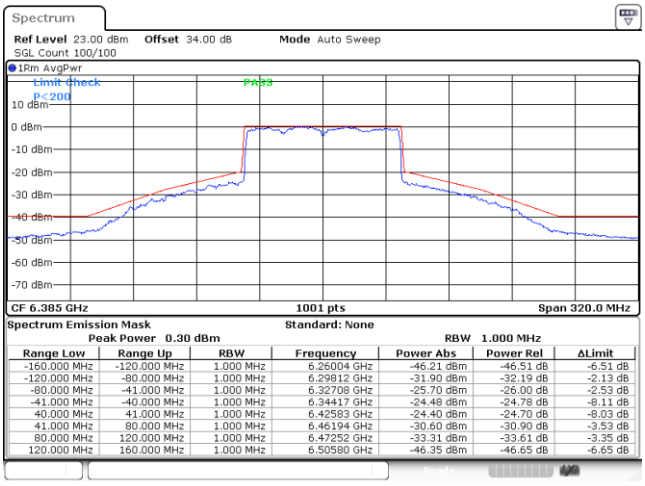
Plot on Channel 6385MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.26004 GHz	-46.21 dBm	-46.51 dB	-6.51 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.29812 GHz	-31.90 dBm	-32.19 dB	-2.13 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.32708 GHz	-25.70 dBm	-26.00 dB	-2.53 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.34417 GHz	-24.48 dBm	-24.78 dB	-8.11 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.42583 GHz	-24.40 dBm	-24.70 dB	-8.03 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.46194 GHz	-30.60 dBm	-30.90 dB	-3.53 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.47252 GHz	-33.31 dBm	-33.61 dB	-3.35 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.50580 GHz	-46.35 dBm	-46.65 dB	-6.65 dB

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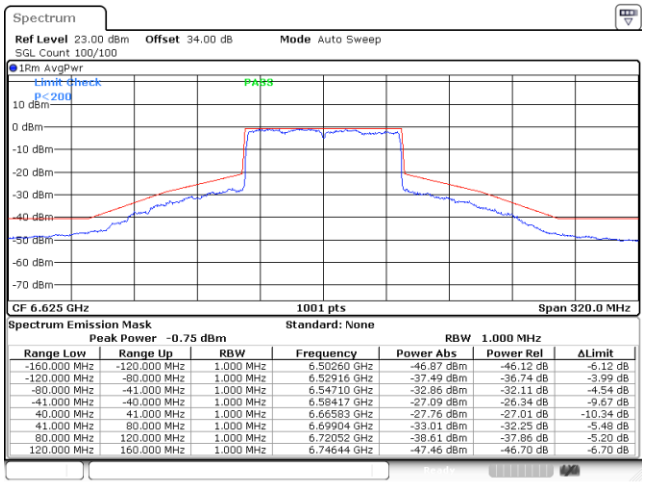
Plot on Channel 6625MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.50260 GHz	-46.87 dBm	-46.12 dB	-6.12 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.52916 GHz	-37.49 dBm	-36.74 dB	-3.99 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.54710 GHz	-32.86 dBm	-32.11 dB	-4.54 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.58417 GHz	-27.09 dBm	-26.34 dB	-9.67 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.66583 GHz	-27.76 dBm	-27.01 dB	-10.34 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.69904 GHz	-33.01 dBm	-32.25 dB	-5.48 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.72052 GHz	-38.61 dBm	-37.86 dB	-5.20 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.74644 GHz	-47.46 dBm	-46.70 dB	-6.70 dB

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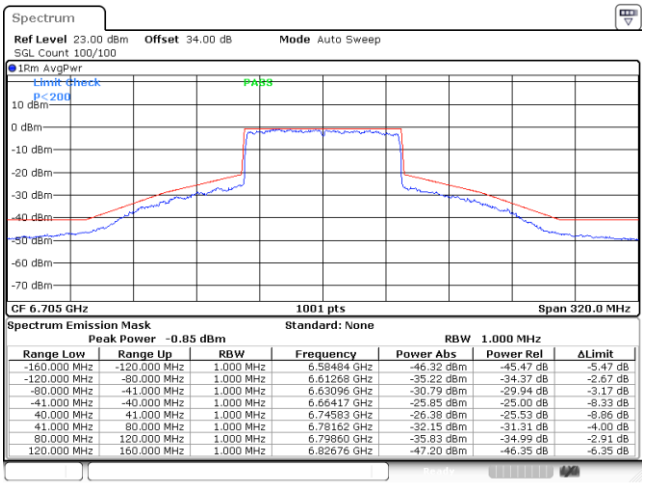
Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.58484 GHz	-46.32 dBm	-45.47 dB	-5.47 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.61268 GHz	-35.22 dBm	-34.37 dB	-2.67 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.63096 GHz	-30.79 dBm	-29.94 dB	-3.17 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-25.85 dBm	-25.00 dB	-8.33 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-26.38 dBm	-25.53 dB	-8.86 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.78162 GHz	-32.15 dBm	-31.31 dB	-4.00 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.79860 GHz	-35.83 dBm	-34.99 dB	-2.91 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.82676 GHz	-47.20 dBm	-46.35 dB	-6.35 dB

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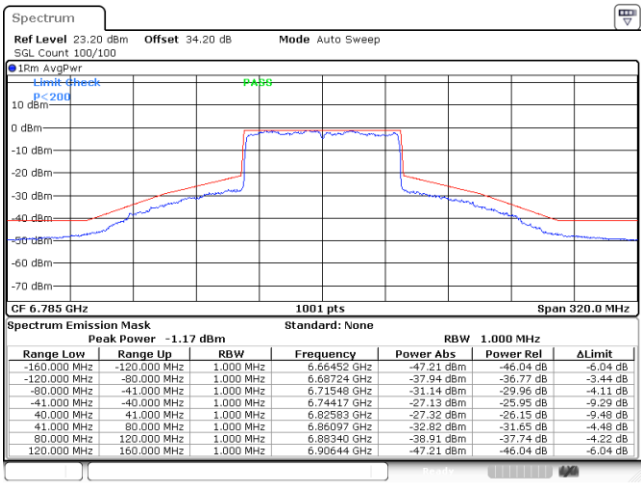
Plot on Channel 6785MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.66452 GHz	-47.21 dBm	-46.04 dB	-6.04 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.68724 GHz	-37.94 dBm	-36.77 dB	-3.44 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.71548 GHz	-31.14 dBm	-29.96 dB	-4.11 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74417 GHz	-27.13 dBm	-25.95 dB	-9.29 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-27.32 dBm	-26.15 dB	-9.48 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.86097 GHz	-32.82 dBm	-31.65 dB	-4.48 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.88340 GHz	-38.91 dBm	-37.74 dB	-4.22 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.90644 GHz	-47.21 dBm	-46.04 dB	-6.04 dB

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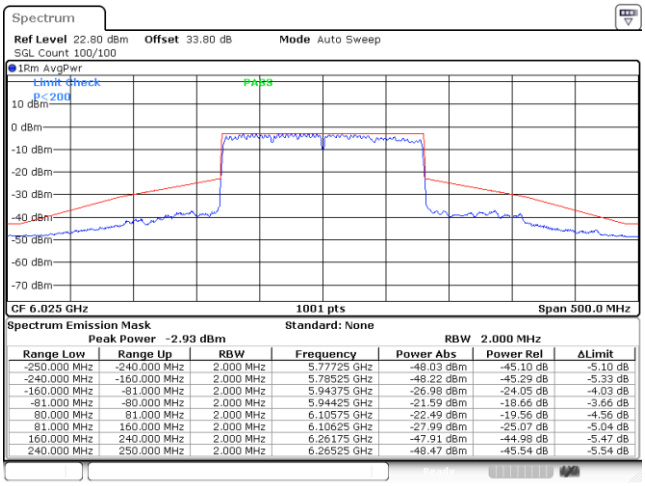
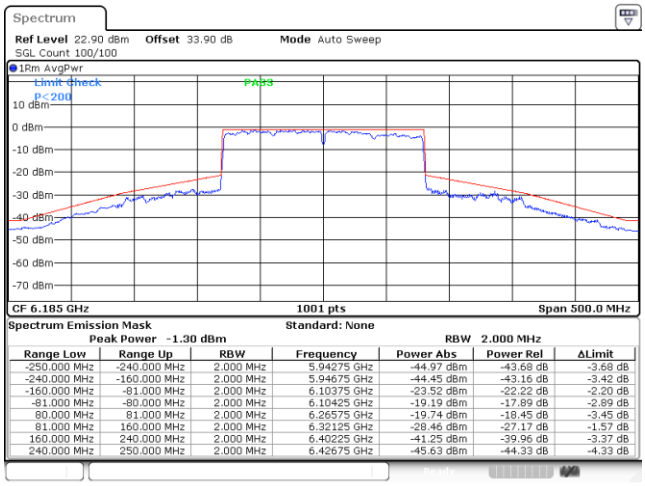
EUT Mode :	802.11ax HE160 Full RU

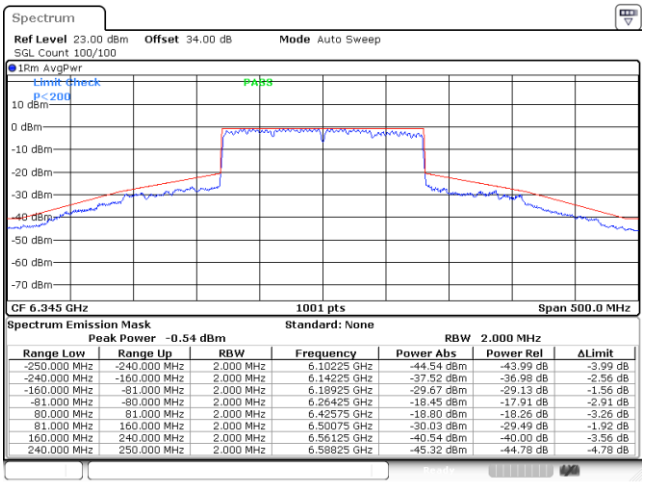
Plot on Channel 6025MHz



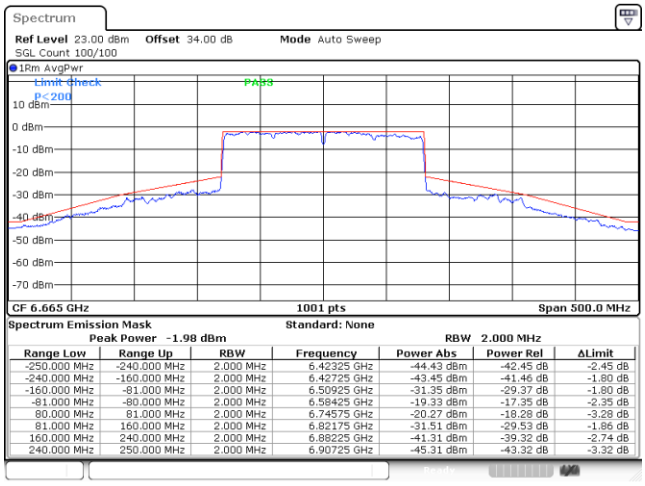
Plot on Channel 6185MHz



Plot on Channel 6345MHz



Plot on Channel 6665MHz



3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

$BWEUT$: Transmission bandwidth of EUT signal

$BWInc$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$fc1$: Center frequency of EUT transmission

$fc2$: Center frequency of simulated incumbent signal

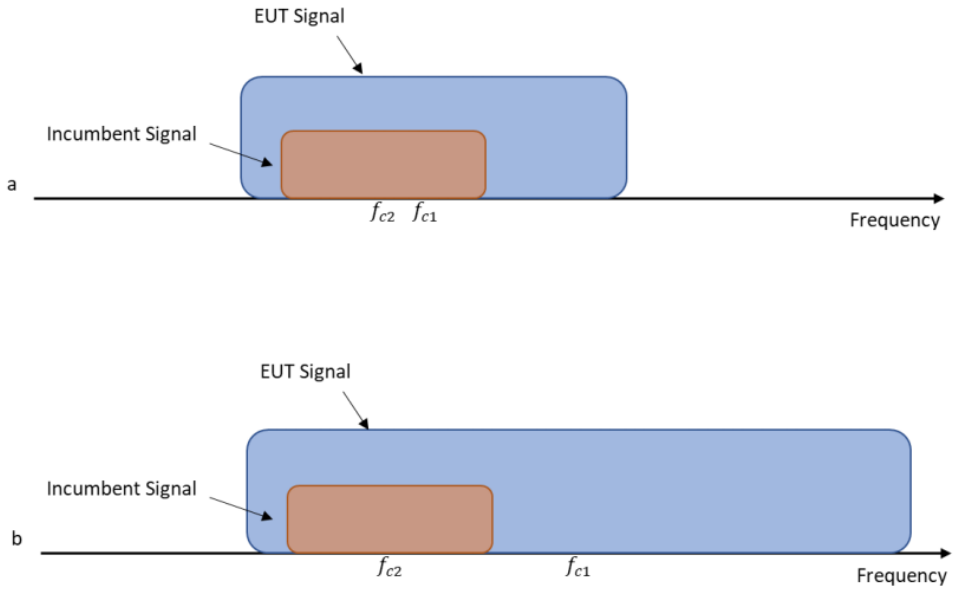


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.
Section I) Contention Based Protocol
Conducted method Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in test setup Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in test setup Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
12. For the contention-based protocol test where only one channel in each supported sub-band needs to be tested. The narrowest and widest bandwidth in each channel shall be measured EUT was driven in MIMO mode, the interferer level was injected to both chains to monitor the performance, while the interferer level is determined according the lowest antenna gain among both antennas (i.e, lower interferer level).

3.5.4 Test Setup

Conducted Setup

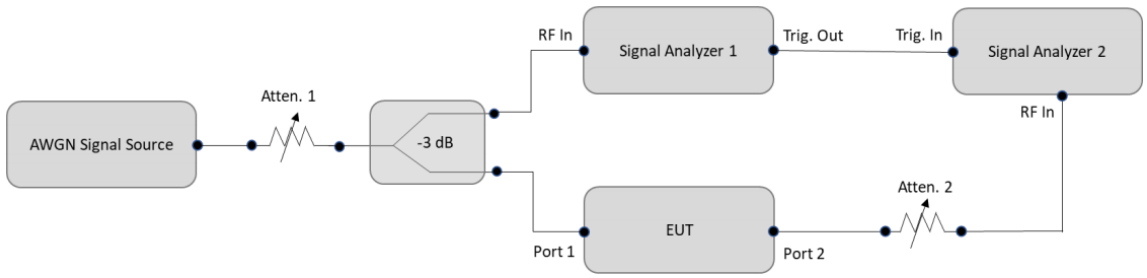


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

3.5.5 Support Unit used in test configuration and system

Remark: The CBP test result has been done in the original filing FR121931-04I report.

3.5.6 Test Summary of Contention Based Protocol Test

Remark: The CBP test result has been done in the original filing FR121931-04I report.

3.5.7 Test Plots of Contention Based Protocol Test

Remark: The CBP test result has been done in the original filing FR121931-04I report.

3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

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

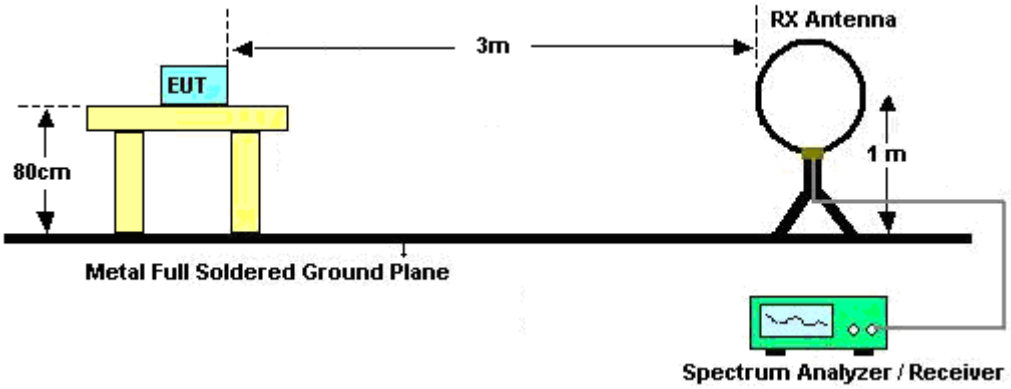
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

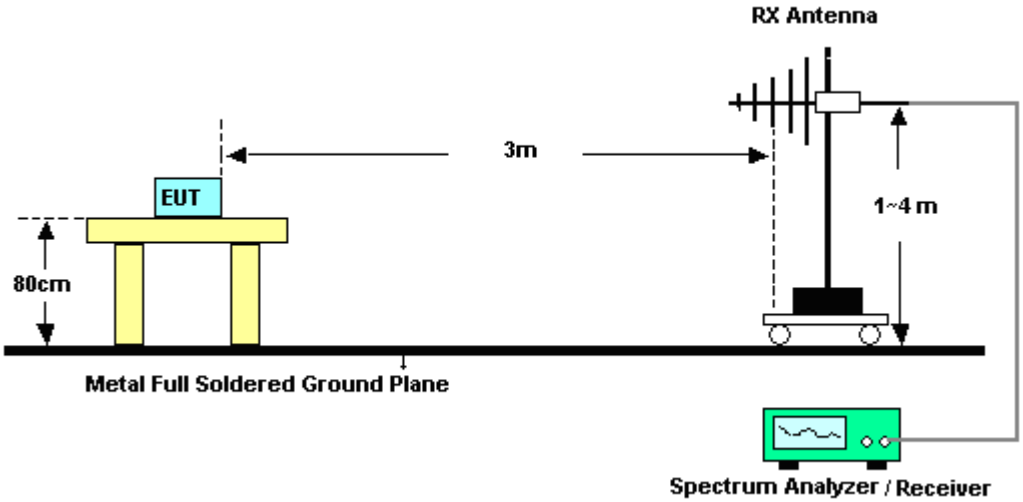
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit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

3.6.4 Test Setup

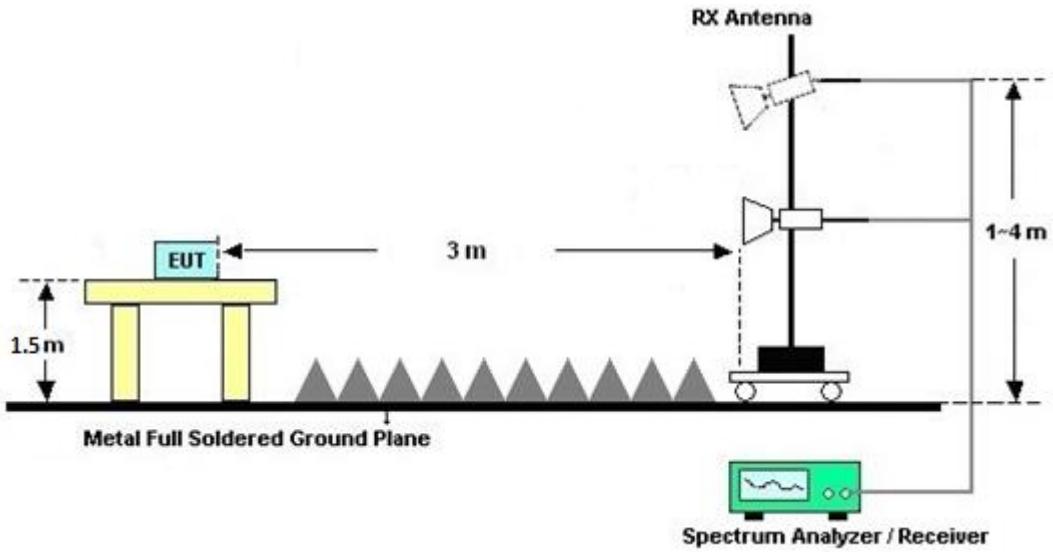
For radiated emissions below 30MHz



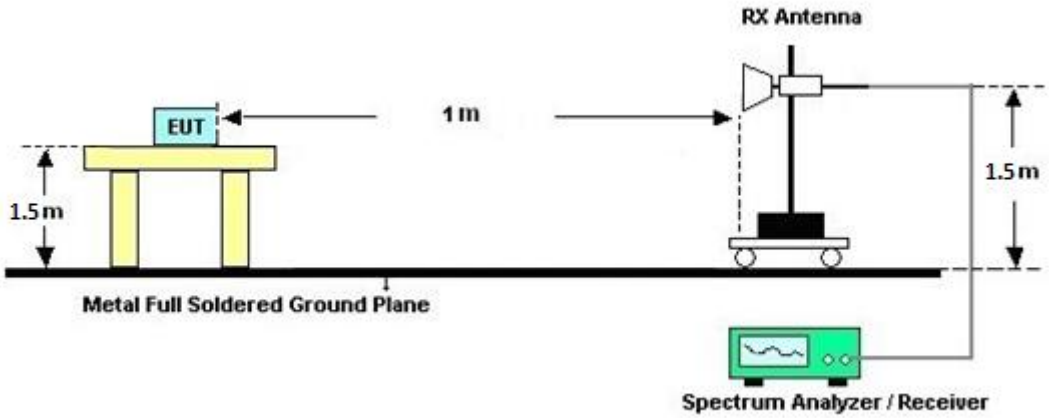
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

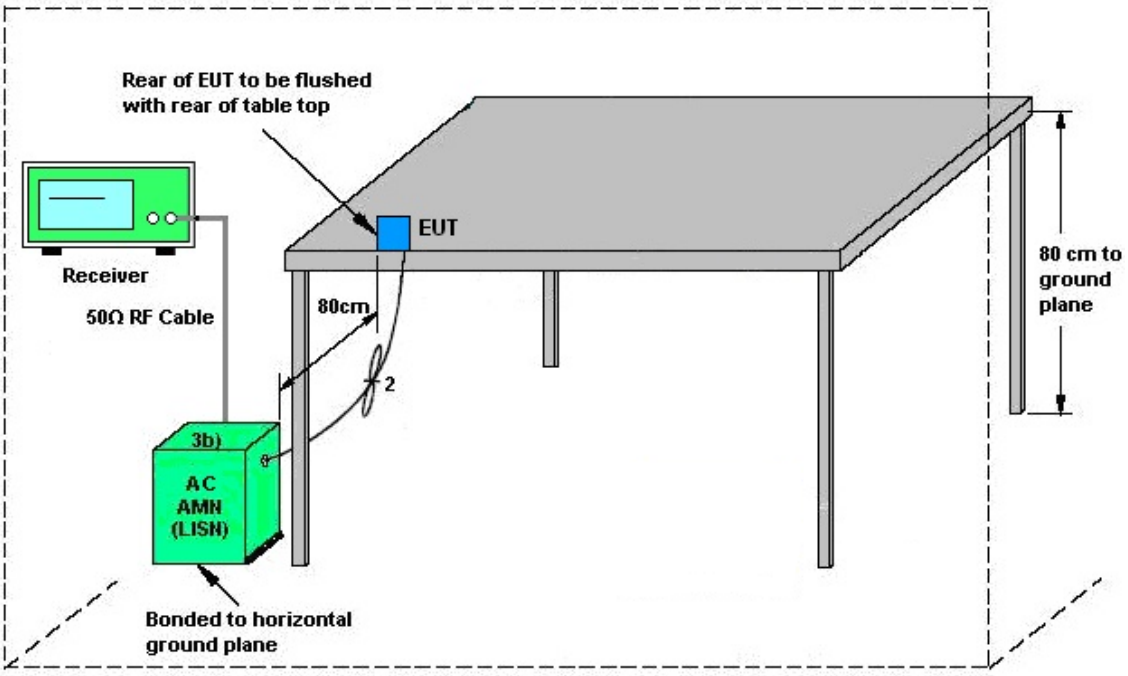
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



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

3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Standard Applicable

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

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz~30 MHz	Mar. 18, 2022	Nov. 12, 2022~ Nov. 21, 2022	Mar. 17, 2023	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Nov. 12, 2022~ Nov. 21, 2022	Feb. 05, 2023	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2021	Nov. 12, 2022~ Nov. 21, 2022	Dec. 26, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2022	Nov. 12, 2022~ Nov. 21, 2022	Jun. 22, 2023	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz~40GHz	Nov. 30, 2021	Nov. 12, 2022~ Nov. 21, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Sep. 01, 2022	Nov. 12, 2022~ Nov. 14, 2022	Aug. 31, 2023	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060838	1GHz~18GHz	Sep. 01, 2022	Nov. 15, 2022~ Nov. 21, 2022	Aug. 31, 2023	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz-18GHz	Dec. 16, 2021	Nov. 12, 2022~ Nov. 21, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060802	18-40GHz	Mar. 08, 2022	Nov. 12, 2022~ Nov. 21, 2022	Mar. 07, 2023	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 18, 2022	Nov. 12, 2022~ Nov. 21, 2022	Oct. 17, 2023	Radiation (03CH15-HY
Spectrum Analyzer	Keysight	N9010	MY54200485	10Hz~44GHz	May 07, 2022	Nov. 12, 2022~ Nov. 21, 2022	May 06, 2023	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 12, 2022~ Nov. 21, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 12, 2022~ Nov. 21, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Nov. 12, 2022~ Nov. 21, 2022	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, MY9838/4PE, 519228/2	N/A	Jun. 21, 2022	Nov. 09, 2022~ Nov. 19, 2022	Jun. 20, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	30MHz-40GHz	Jan. 04, 2022	Nov. 12, 2022~ Nov. 21, 2022	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Nov. 12, 2022~ Nov. 21, 2022	Mar. 09, 2023	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-303B	TP200735	N/A	Mar. 22, 2022	Nov. 15, 2022~ Nov. 19, 2022	Mar. 21, 2023	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Nov. 01, 2022~ Nov. 14, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W #010	RPR6W-2101002(NO: 123)	10MHz~8GHz	Jan. 13, 2022	Nov. 01, 2022~ Nov. 19, 2022	Jan. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Nov. 01, 2022~ Nov. 19, 2022	Aug. 02, 2023	Conducted (TH05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 07, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Jul. 07, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Jul. 07, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Jul. 07, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 07, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Jul. 07, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Jul. 07, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 11, 2021	Jul. 14, 2021~ Jul. 16, 2021	Jan. 10, 2022	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Jul. 14, 2021~ Jul. 16, 2021	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1K W7A1	0.5GHz-18GHz	Calibration from System	Jul. 14, 2021~ Jul. 16, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1K W7A2	0.5GHz-18GHz	Calibration from System	Jul. 14, 2021~ Jul. 16, 2021	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW 3A1	0.5-18GHz	Calibration from System	Jul. 14, 2021~ Jul. 16, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Jul. 14, 2021~ Jul. 16, 2021	Calibration from System	CBP (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.3 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.3 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.4 dB**

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	ERIC WU	Temperature:	21~25	°C
Test Date:	2022/11/01~2022/11/19	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 7	Ant 3	Ant 7	Ant 3		
11a	6Mbps	2	001	5955	17.13	16.93	21.70	21.80	320.00	Pass
11a	6Mbps	2	049	6195	17.08	16.98	21.65	22.05	320.00	Pass
11a	6Mbps	2	093	6415	17.18	17.03	21.80	21.90	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
11a	6Mbps	2	001	5955	18.20	17.30	20.78	-2.00		18.78	30.00	Pass
11a	6Mbps	2	049	6195	17.90	17.30	20.62	-2.00		18.62	30.00	Pass
11a	6Mbps	2	093	6415	17.70	17.80	20.76	-2.00		18.76	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 3	Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
11a	6Mbps	2	001	5955	0.30	0.29			8.21	0.81		9.02	17.00	Pass
11a	6Mbps	2	049	6195	0.30	0.29			7.93	0.81		8.74	17.00	Pass
11a	6Mbps	2	093	6415	0.30	0.29			8.31	0.81		9.12	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 7	Ant 3	Ant 7	Ant 3		
11a	6Mbps	2	117	6535	17.18	17.03	21.70	21.80	320.00	Pass
11a	6Mbps	2	149	6695	17.93	17.38	30.90	27.75	320.00	Pass
11a	6Mbps	2	181	6855	18.33	17.53	34.15	31.05	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
11a	6Mbps	2	117	6535	17.90	16.50	20.27	-0.40		19.87	30.00	Pass
11a	6Mbps	2	149	6695	18.50	17.80	21.17	-0.40		20.77	30.00	Pass
11a	6Mbps	2	181	6855	18.50	18.00	21.27	-0.40		20.87	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 7	Ant 3	Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
11a	6Mbps	2	117	6535	0.30	0.29			7.77	1.00		8.77	17.00	Pass
11a	6Mbps	2	149	6695	0.30	0.29			8.86	1.00		9.86	17.00	Pass
11a	6Mbps	2	181	6855	0.30	0.29			9.00	1.00		9.99	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 7	Ant 3	Ant 7	Ant 3		
HE20	MCS0	2	001	5955	Full	19.23	19.18	21.90	21.70	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.18	19.18	22.25	21.90	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.13	19.23	21.85	24.60	320.00	Pass
HE40	MCS0	2	003	5965	Full	37.96	37.76	39.96	39.87	320.00	Pass
HE40	MCS0	2	051	6205	Full	37.86	37.96	40.05	39.87	320.00	Pass
HE40	MCS0	2	091	6405	Full	38.36	38.36	50.85	47.70	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.08	77.08	82.08	81.92	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.08	77.20	82.08	92.16	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.32	77.56	110.08	119.52	320.00	Pass
HE160	MCS0	2	015	6025	Full	157.04	156.80	219.44	165.84	320.00	Pass
HE160	MCS0	2	047	6185	Full	157.76	157.28	309.44	312.48	320.00	Pass
HE160	MCS0	2	079	6345	Full	157.52	157.76	312.48	314.72	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	19.10	18.20	21.68	-2.00		19.68	30.00	Pass
HE20	MCS0	2	001	5955	26/0	9.20	8.50	11.87	-2.00		9.87	30.00	Pass
HE20	MCS0	2	001	5955	52/37	12.00	11.70	14.86	-2.00		12.86	30.00	Pass
HE20	MCS0	2	001	5955	106/53	15.00	14.30	17.67	-2.00		15.67	30.00	Pass
HE20	MCS0	2	049	6195	Full	18.60	18.00	21.32	-2.00		19.32	30.00	Pass
HE20	MCS0	2	049	6195	26/4	9.50	9.60	12.56	-2.00		10.56	30.00	Pass
HE20	MCS0	2	049	6195	52/38	11.20	11.50	14.36	-2.00		12.36	30.00	Pass
HE20	MCS0	2	049	6195	106/53	14.60	14.40	17.51	-2.00		15.51	30.00	Pass
HE20	MCS0	2	093	6415	Full	18.00	18.20	21.11	-2.00		19.11	30.00	Pass
HE20	MCS0	2	093	6415	26/8	7.60	8.50	11.08	-2.00		9.08	30.00	Pass
HE20	MCS0	2	093	6415	52/40	10.50	11.50	14.04	-2.00		12.04	30.00	Pass
HE20	MCS0	2	093	6415	106/54	13.80	14.30	17.07	-2.00		15.07	30.00	Pass
HE40	MCS0	2	003	5965	Full	19.00	18.10	21.58	-2.00		19.58	30.00	Pass
HE40	MCS0	2	051	6205	Full	18.80	18.20	21.52	-2.00		19.52	30.00	Pass
HE40	MCS0	2	091	6405	Full	20.10	19.10	22.64	-2.00		20.64	30.00	Pass
HE80	MCS0	2	007	5985	Full	18.40	17.50	20.98	-2.00		18.98	30.00	Pass
HE80	MCS0	2	055	6225	Full	18.80	18.20	21.52	-2.00		19.52	30.00	Pass
HE80	MCS0	2	087	6385	Full	20.20	19.50	22.87	-2.00		20.87	30.00	Pass
HE160	MCS0	2	015	6025	Full	18.00	17.00	20.54	-2.00		18.54	30.00	Pass
HE160	MCS0	2	047	6185	Full	20.30	19.20	22.80	-2.00		20.80	30.00	Pass
HE160	MCS0	2	079	6345	Full	20.60	19.20	22.97	-2.00		20.97	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 7	Ant 3	Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	0.41	0.41			8.32	0.81		9.13	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.48	0.49			8.10	0.81		8.91	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.52	0.52			8.23	0.81		9.04	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.60	0.58			8.19	0.81		9.00	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.41	0.41			7.99	0.81		8.80	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.48	0.49			7.58	0.81		8.40	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.52	0.52			7.85	0.81		8.66	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.60	0.58			7.78	0.81		8.59	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.41	0.41			7.97	0.81		8.79	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.48	0.49			7.64	0.81		8.45	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.52	0.52			7.40	0.81		8.21	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.60	0.58			7.94	0.81		8.75	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.34	0.34			5.78	0.81		6.59	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.34	0.34			5.17	0.81		5.98	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.34	0.34			6.70	0.81		7.52	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.43	0.43			1.49	0.81		2.31	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.43	0.43			2.09	0.81		2.90	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.43	0.43			3.51	0.81		4.32	17.00	Pass
HE160	MCS0	2	015	6025	Full	0.65	0.63			-2.05	0.81		-1.24	17.00	Pass
HE160	MCS0	2	047	6185	Full	0.65	0.63			-0.05	0.81		0.76	17.00	Pass
HE160	MCS0	2	079	6345	Full	0.65	0.63			0.50	0.81		1.31	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 7	Ant 3	Ant 7	Ant 3		
HE20	MCS0	2	117	6535	Full	19.33	19.23	27.05	23.50	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.33	19.28	29.35	30.95	320.00	Pass
HE20	MCS0	2	181	6855	Full	19.43	19.28	31.55	29.15	320.00	Pass
HE40	MCS0	2	123	6565	Full	38.46	38.16	55.44	47.88	320.00	Pass
HE40	MCS0	2	147	6685	Full	38.16	38.16	52.56	53.46	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.76	38.26	75.24	70.56	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.44	77.44	130.72	112.48	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.56	77.44	148.16	121.60	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.56	77.44	138.56	117.44	320.00	Pass
HE160	MCS0	2	143	6665	Full	158.24	157.76	315.52	314.40	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	19.00	18.40	21.72	-0.40		21.32	30.00	Pass
HE20	MCS0	2	117	6535	26/0	9.20	8.70	11.97	-0.40		11.57	30.00	Pass
HE20	MCS0	2	117	6535	52/37	11.90	11.70	14.81	-0.40		14.41	30.00	Pass
HE20	MCS0	2	117	6535	106/53	15.00	14.50	17.77	-0.40		17.37	30.00	Pass
HE20	MCS0	2	149	6695	Full	18.50	18.00	21.27	-0.40		20.87	30.00	Pass
HE20	MCS0	2	149	6695	26/4	9.80	9.30	12.57	-0.40		12.17	30.00	Pass
HE20	MCS0	2	149	6695	52/38	11.30	11.10	14.21	-0.40		13.81	30.00	Pass
HE20	MCS0	2	149	6695	106/53	14.10	14.00	17.06	-0.40		16.66	30.00	Pass
HE20	MCS0	2	181	6855	Full	18.30	18.00	21.16	-0.40		20.76	30.00	Pass
HE20	MCS0	2	181	6855	26/8	9.50	9.10	12.31	-0.40		11.91	30.00	Pass
HE20	MCS0	2	181	6855	52/40	11.00	10.60	13.81	-0.40		13.41	30.00	Pass
HE20	MCS0	2	181	6855	106/54	13.80	13.50	16.66	-0.40		16.26	30.00	Pass
HE40	MCS0	2	123	6565	Full	20.00	18.60	22.37	-0.40		21.97	30.00	Pass
HE40	MCS0	2	147	6685	Full	19.50	19.20	22.36	-0.40		21.96	30.00	Pass
HE40	MCS0	2	179	6845	Full	18.60	18.40	21.51	-0.40		21.11	30.00	Pass
HE80	MCS0	2	135	6625	Full	19.00	18.70	21.86	-0.40		21.46	30.00	Pass
HE80	MCS0	2	151	6705	Full	19.60	18.50	22.10	-0.40		21.70	30.00	Pass
HE80	MCS0	2	167	6785	Full	19.20	18.00	21.65	-0.40		21.25	30.00	Pass
HE160	MCS0	2	143	6665	Full	19.40	18.50	21.98	-0.40		21.58	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 7	Ant 3	Ant 7	Ant 3	SUM	Ant 7	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	0.41	0.41			8.57	1.00		9.57	17.00	Pass
HE20	MCS0	2	117	6535	26/0	0.48	0.49			8.32	1.00		9.31	17.00	Pass
HE20	MCS0	2	117	6535	52/37	0.52	0.52			8.54	1.00		9.54	17.00	Pass
HE20	MCS0	2	117	6535	106/53	0.60	0.58			8.40	1.00		9.39	17.00	Pass
HE20	MCS0	2	149	6695	Full	0.41	0.41			7.95	1.00		8.94	17.00	Pass
HE20	MCS0	2	149	6695	26/4	0.48	0.49			7.84	1.00		8.84	17.00	Pass
HE20	MCS0	2	149	6695	52/38	0.52	0.52			7.82	1.00		8.81	17.00	Pass
HE20	MCS0	2	149	6695	106/53	0.60	0.58			7.76	1.00		8.76	17.00	Pass
HE20	MCS0	2	181	6855	Full	0.41	0.41			7.64	1.00		8.64	17.00	Pass
HE20	MCS0	2	181	6855	26/8	0.48	0.49			7.40	1.00		8.39	17.00	Pass
HE20	MCS0	2	181	6855	52/40	0.52	0.52			7.58	1.00		8.58	17.00	Pass
HE20	MCS0	2	181	6855	106/54	0.60	0.58			7.29	1.00		8.29	17.00	Pass
HE40	MCS0	2	123	6565	Full	0.34	0.34			6.26	1.00		7.26	17.00	Pass
HE40	MCS0	2	147	6685	Full	0.34	0.34			5.92	1.00		6.92	17.00	Pass
HE40	MCS0	2	179	6845	Full	0.34	0.34			5.51	1.00		6.50	17.00	Pass
HE80	MCS0	2	135	6625	Full	0.43	0.43			3.29	1.00		4.28	17.00	Pass
HE80	MCS0	2	151	6705	Full	0.43	0.43			2.93	1.00		3.92	17.00	Pass
HE80	MCS0	2	167	6785	Full	0.43	0.43			2.63	1.00		3.62	17.00	Pass
HE160	MCS0	2	143	6665	Full	0.65	0.63			-0.73	1.00		0.27	17.00	Pass

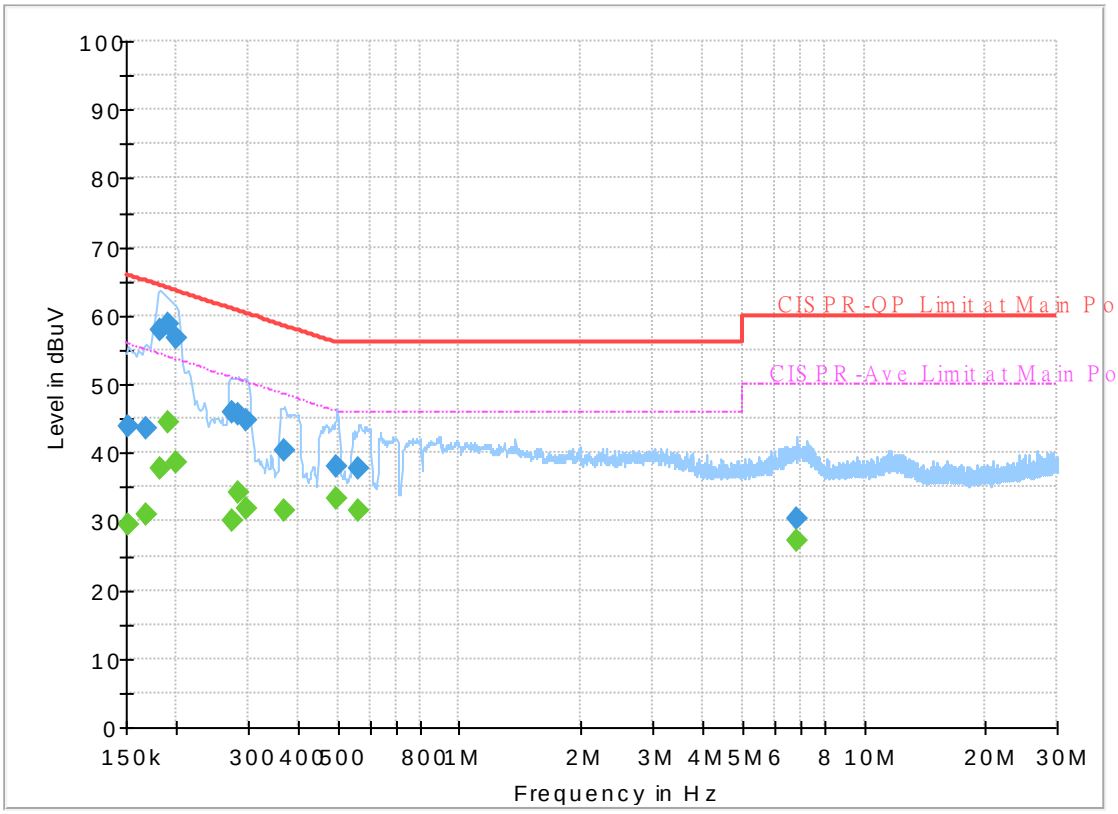
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

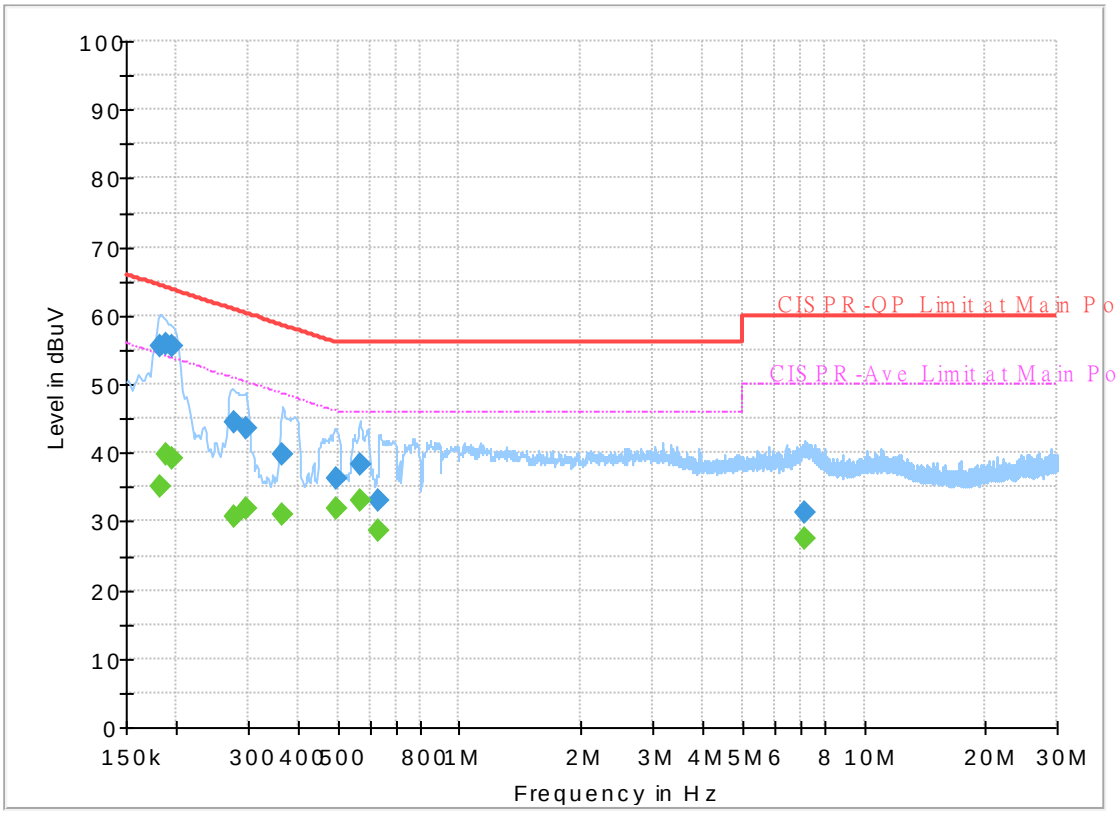
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.49	55.88	26.39	L1	OFF	19.5
0.152250	43.73	---	65.88	22.15	L1	OFF	19.5
0.168000	---	30.98	55.06	24.08	L1	OFF	19.5
0.168000	43.64	---	65.06	21.42	L1	OFF	19.5
0.181500	---	37.78	54.42	16.64	L1	OFF	19.5
0.181500	57.79	---	64.42	6.63	L1	OFF	19.5
0.190500	---	44.53	54.02	9.49	L1	OFF	19.5
0.190500	58.74	---	64.02	5.28	L1	OFF	19.5
0.199500	---	38.58	53.63	15.05	L1	OFF	19.5
0.199500	56.74	---	63.63	6.89	L1	OFF	19.5
0.273750	---	30.14	51.00	20.86	L1	OFF	19.5
0.273750	45.87	---	61.00	15.13	L1	OFF	19.5
0.285000	---	34.35	50.67	16.32	L1	OFF	19.5
0.285000	45.56	---	60.67	15.11	L1	OFF	19.5
0.298500	---	31.76	50.28	18.52	L1	OFF	19.5
0.298500	44.65	---	60.28	15.63	L1	OFF	19.5
0.370500	---	31.52	48.49	16.97	L1	OFF	19.5
0.370500	40.44	---	58.49	18.05	L1	OFF	19.5
0.498750	---	33.39	46.02	12.63	L1	OFF	19.7
0.498750	37.90	---	56.02	18.12	L1	OFF	19.7
0.564000	---	31.50	46.00	14.50	L1	OFF	19.7

0.564000	**37.82**	**---**	**56.00**	**18.18**	**L1**	**OFF**	**19.7**
6.819000	**---**	**27.10**	**50.00**	**22.90**	**L1**	**OFF**	**19.9**
6.819000	**30.32**	**---**	**60.00**	**29.68**	**L1**	**OFF**	**19.9**

EUT Information

Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	34.97	54.42	19.45	N	OFF	19.5
0.181500	55.57	---	64.42	8.85	N	OFF	19.5
0.188250	---	39.77	54.11	14.34	N	OFF	19.5
0.188250	55.92	---	64.11	8.19	N	OFF	19.5
0.195000	---	39.15	53.82	14.67	N	OFF	19.5
0.195000	55.48	---	63.82	8.34	N	OFF	19.5
0.276000	---	30.74	50.94	20.20	N	OFF	19.5
0.276000	44.52	---	60.94	16.42	N	OFF	19.5
0.296250	---	31.75	50.35	18.60	N	OFF	19.5
0.296250	43.63	---	60.35	16.72	N	OFF	19.5
0.366000	---	31.08	48.59	17.51	N	OFF	19.6
0.366000	39.85	---	58.59	18.74	N	OFF	19.6
0.496500	---	31.80	46.06	14.26	N	OFF	19.7
0.496500	36.13	---	56.06	19.93	N	OFF	19.7
0.566250	---	32.94	46.00	13.06	N	OFF	19.8
0.566250	38.21	---	56.00	17.79	N	OFF	19.8
0.633750	---	28.59	46.00	17.41	N	OFF	19.8
0.633750	32.90	---	56.00	23.10	N	OFF	19.8
7.116000	---	27.44	50.00	22.56	N	OFF	20.0
7.116000	31.29	---	60.00	28.71	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Eric Xaio, Bigshow Wang and Quentin Liu	Temperature :	21.1~23.1°C
		Relative Humidity :	49~58%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
7+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5924.75	61.34	-26.86	88.2	54.07	34.2	9.78	36.71	258	309	P	H
		5924.9	47.74	-20.46	68.2	40.47	34.2	9.78	36.71	258	309	A	H
	*	5955	110.94	-	-	103.73	34.1	9.82	36.71	258	309	P	H
	*	5955	104.05	-	-	96.84	34.1	9.82	36.71	258	309	A	H
													H
													H
		5915.75	63.25	-24.95	88.2	55.95	34.24	9.77	36.71	100	333	P	V
		5925	44.45	-23.75	68.2	37.18	34.2	9.78	36.71	100	333	A	V
	*	5955	106.66	-	-	99.45	34.1	9.82	36.71	100	333	P	V
	*	5955	98.67	-	-	91.46	34.1	9.82	36.71	100	333	A	V
													V
													V

802.11a CH 49 6195MHz		5887.4	50.2	-38	88.2	42.91	34.27	9.73	36.71	219	293	P	H
		5908.85	39.62	-28.58	68.2	32.31	34.26	9.76	36.71	219	293	A	H
	*	6195	108.84	-	-	101.22	34.2	10.04	36.62	219	293	P	H
		6195	41.72	-26.48	68.2	34.1	34.2	10.04	36.62	219	293	A	H
													H
													H
		5885.06	49.76	-38.44	88.2	42.48	34.27	9.72	36.71	100	334	P	V
		5906.51	39.47	-28.73	68.2	32.16	34.27	9.75	36.71	100	334	A	V
	*	6195	108.14	-	-	100.52	34.2	10.04	36.62	100	334	P	V
		6195	41.03	-27.17	68.2	33.41	34.2	10.04	36.62	100	334	A	V
													V
													V
802.11a CH 93 6415MHz		5913.2	48.7	-39.5	88.2	41.4	34.25	9.76	36.71	251	16	P	H
		5905.4	39.17	-29.03	68.2	31.85	34.28	9.75	36.71	251	16	A	H
	*	6415	111.53	-	-	103.18	34.8	10.06	36.51	251	16	P	H
	*	6415	103.74	-	-	95.39	34.8	10.06	36.51	251	16	A	H
													H
													H
		5889.2	48.11	-40.09	88.2	40.81	34.28	9.73	36.71	100	13	P	V
		5874.8	38.82	-29.38	68.2	31.57	34.25	9.71	36.71	100	13	A	V
	*	6415	106.56	-	-	98.21	34.8	10.06	36.51	100	13	P	V
	*	6415	99.01	-	-	90.66	34.8	10.06	36.51	100	13	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 01 5955MHz		11910	47.22	-26.78	74	51.97	39.02	13.75	57.52	-	-	P	H
		17865	60.9	-13.1	74	63.16	40.68	16.68	59.62	319	359	P	H
		17865	50.46	-3.54	54	52.72	40.68	16.68	59.62	319	359	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11910	45.65	-28.35	74	50.4	39.02	13.75	57.52	-	-	P	V
		17865	57.32	-16.68	74	59.58	40.68	16.68	59.62	326	18	P	V
		17865	47.61	-6.39	54	49.87	40.68	16.68	59.62	326	18	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12390	51.64	-22.36	74	53.39	39.03	14.09	54.87	200	27	P	H
		12390	43.79	-10.21	54	45.54	39.03	14.09	54.87	200	27	A	H
		18585	65.76	-8.24	74	86.4	37.97	-3.08	55.53	150	21	P	H
		18585	50.51	-3.49	54	71.15	37.97	-3.08	55.53	150	21	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 49 6195MHz													H
		12390	49.91	-24.09	74	51.66	39.03	14.09	54.87	290	273	P	V
		12390	42.1	-11.9	54	43.85	39.03	14.09	54.87	290	273	A	V
		18585	53.69	-20.31	74	74.33	37.97	-3.08	55.53	150	21	P	V
		18585	43.97	-10.03	54	64.61	37.97	-3.08	55.53	150	21	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12830	56	-32.2	88.2	56.38	39.69	14.4	54.47	197	86	P	H
		12830	47.85	-20.35	68.2	48.23	39.69	14.4	54.47	197	86	A	H
		19245	63.66	-10.34	74	83.49	38.1	-2.83	55.1	150	17	P	H
		19245	50.65	-3.35	54	70.48	38.1	-2.83	55.1	150	17	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 93 6415MHz		12830	52.5	-35.7	88.2	52.88	39.69	14.4	54.47	250	275	P	V
		12830	42.99	-25.21	68.2	43.37	39.69	14.4	54.47	250	275	A	V
		19245	51.03	-22.97	74	70.86	38.1	-2.83	55.1	150	9	P	V
		19245	42.45	-11.55	54	62.28	38.1	-2.83	55.1	150	9	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5925	65.16	-23.04	88.2	57.89	34.2	9.78	36.71	262	309	P	H
		5925	52.46	-15.74	68.2	45.19	34.2	9.78	36.71	262	309	A	H
	*	5955	110.42	-	-	103.21	34.1	9.82	36.71	262	309	P	H
	*	5955	103.18	-	-	95.97	34.1	9.82	36.71	262	309	A	H
802.11ax													H
HE20 Full													H
CH 01		5914.25	62.99	-25.21	88.2	55.7	34.24	9.76	36.71	100	334	P	V
5955MHz		5924.9	48.64	-19.56	68.2	41.37	34.2	9.78	36.71	100	334	A	V
	*	5955	105.59	-	-	98.38	34.1	9.82	36.71	100	334	P	V
	*	5955	98.22	-	-	91.01	34.1	9.82	36.71	100	334	A	V
													V
													V

		5841.77	50.03	-38.17	88.2	42.87	34.2	9.67	36.71	248	3	P	H
		5922.11	40.14	-28.06	68.2	32.87	34.21	9.77	36.71	248	3	A	H
	*	6195	110.17	-	-	102.55	34.2	10.04	36.62	248	3	P	H
		6195	42.2	-26	68.2	34.58	34.2	10.04	36.62	248	3	A	H
802.11ax													H
HE20 Full													H
CH 49		5912.75	48.74	-39.46	88.2	41.44	34.25	9.76	36.71	100	3	P	V
6195MHz		5906.9	38.97	-29.23	68.2	31.66	34.27	9.75	36.71	100	3	A	V
	*	6195	107.36	-	-	99.74	34.2	10.04	36.62	100	3	P	V
		6195	40.54	-27.66	68.2	32.92	34.2	10.04	36.62	100	3	A	V
													V
													V
		5869.4	48.37	-39.83	88.2	41.14	34.24	9.7	36.71	238	33	P	H
		5890.4	38.9	-29.3	68.2	31.6	34.28	9.73	36.71	238	33	A	H
	*	6415	112.11	-	-	103.76	34.8	10.06	36.51	238	33	P	H
	*	6415	103.26	-	-	94.91	34.8	10.06	36.51	238	33	A	H
802.11ax													H
HE20 Full													H
CH 93		5858	48.08	-40.12	88.2	40.88	34.22	9.69	36.71	100	14	P	V
6415MHz		5890.4	38.65	-29.55	68.2	31.35	34.28	9.73	36.71	100	14	A	V
	*	6415	108.79	-	-	100.44	34.8	10.06	36.51	100	14	P	V
	*	6415	98.62	-	-	90.27	34.8	10.06	36.51	100	14	A	V
													V
													V

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

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11910	50.27	-23.73	74	55.02	39.02	13.75	57.52	200	79	P	H
		11910	42.47	-11.53	54	47.22	39.02	13.75	57.52	200	79	A	H
		17865	61.47	-12.53	74	63.73	40.68	16.68	59.62	350	356	P	H
		17865	50.25	-3.75	54	52.51	40.68	16.68	59.62	350	356	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		11910	46.25	-27.75	74	51	39.02	13.75	57.52	-	-	P	V
5955MHz		17865	57.52	-16.48	74	59.78	40.68	16.68	59.62	345	17	P	V
		17865	48.27	-5.73	54	50.53	40.68	16.68	59.62	345	17	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12390	48.77	-25.23	74	52.87	39.03	14.01	57.14	199	93	P	H
		12390	39.56	-14.44	54	43.66	39.03	14.01	57.14	199	93	A	H
		18585	65.21	-8.79	74	85.85	37.97	-3.08	55.53	150	100	P	H
		18585	50.44	-3.56	54	71.08	37.97	-3.08	55.53	150	100	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		12390	49.06	-24.94	74	53.16	39.03	14.01	57.14	265	280	P	V
6195MHz		12390	41.45	-12.55	54	45.55	39.03	14.01	57.14	265	280	A	V
		18585	52.28	-21.72	74	72.92	37.97	-3.08	55.53	150	13	P	V
		18585	44.36	-9.64	54	65	37.97	-3.08	55.53	150	13	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12830	55.53	-32.67	88.2	58.67	39.69	14.27	57.1	208	88	P	H
		12830	47.55	-20.65	68.2	50.69	39.69	14.27	57.1	208	88	A	H
		19240	58.2	-15.8	74	78.02	38.1	-2.82	55.1	150	16	P	H
		19245	50.49	-3.51	54	70.32	38.1	-2.83	55.1	150	16	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	51.31	-36.89	88.2	54.45	39.69	14.27	57.1	288	265	P	V
6415MHz		12830	43.09	-25.11	68.2	46.23	39.69	14.27	57.1	288	265	A	V
		19245	48.88	-25.12	74	68.71	38.1	-2.83	55.1	150	344	P	V
		19245	40.84	-13.16	54	60.67	38.1	-2.83	55.1	150	344	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5922.41	77.81	-10.39	88.2	70.53	34.21	9.78	36.71	275	311	P	H
		5925	65.73	-2.47	68.2	58.46	34.2	9.78	36.71	275	311	A	H
	*	5965	111.23	-	-	104.01	34.1	9.83	36.71	275	311	P	H
	*	5965	102.1	-	-	94.88	34.1	9.83	36.71	275	311	A	H
802.11ax													H
HE40 Full													H
CH 03		5923.09	77.6	-10.6	88.2	70.32	34.21	9.78	36.71	100	334	P	V
5965MHz		5925	62.82	-5.38	68.2	55.55	34.2	9.78	36.71	100	334	A	V
	*	5965	106.83	-	-	99.61	34.1	9.83	36.71	100	334	P	V
	*	5965	97.08	-	-	89.86	34.1	9.83	36.71	100	334	A	V
													V
													V

		5921.775	49.27	-38.93	88.2	42	34.21	9.77	36.71	260	326	P	H
		5919.405	39.64	-28.56	68.2	32.36	34.22	9.77	36.71	260	326	A	H
	*	6205	108.24	-	-	100.6	34.21	10.04	36.61	260	326	P	H
	*	6205	98.71	-	-	91.07	34.21	10.04	36.61	260	326	A	H
802.11ax													H
HE40 Full													H
CH 51		5904	49.89	-38.31	88.2	42.57	34.28	9.75	36.71	118	334	P	V
6205MHz		5893.73	39.19	-29.01	68.2	31.87	34.29	9.74	36.71	118	334	A	V
	*	6205	106.71	-	-	99.07	34.21	10.04	36.61	118	334	P	V
	*	6205	96.61	-	-	88.97	34.21	10.04	36.61	118	334	A	V
													V
													V
		5906.6	48.82	-39.38	88.2	41.51	34.27	9.75	36.71	226	360	P	H
		5900.6	39.39	-28.81	68.2	32.05	34.3	9.75	36.71	226	360	A	H
	*	6405	109.68	-	-	101.35	34.8	10.05	36.52	226	360	P	H
	*	6405	100.87	-	-	92.54	34.8	10.05	36.52	226	360	A	H
802.11ax													H
HE40 Full													H
CH 91		5925	48.79	-39.41	88.2	41.52	34.2	9.78	36.71	114	333	P	V
6405MHz		5907.2	38.93	-29.27	68.2	31.62	34.27	9.75	36.71	114	333	A	V
	*	6405	105.97	-	-	97.64	34.8	10.05	36.52	114	333	P	V
	*	6405	97.57	-	-	89.24	34.8	10.05	36.52	114	333	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11930	49.55	-24.45	74	54.24	39.06	13.76	57.51	200	81	P	H
		11930	41.07	-12.93	54	45.76	39.06	13.76	57.51	200	81	A	H
		17895	61.22	-12.78	74	63.16	40.96	16.69	59.59	349	358	P	H
		17895	50.86	-3.14	54	52.8	40.96	16.69	59.59	349	358	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		11930	46.04	-27.96	74	50.73	39.06	13.76	57.51	-	-	P	V
5965MHz		17895	58.33	-15.67	74	60.27	40.96	16.69	59.59	321	18	P	V
		17895	49.48	-4.52	54	51.42	40.96	16.69	59.59	321	18	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12410	46.82	-27.18	74	50.9	39.01	14.03	57.12	-	-	P	H
		18615	59.04	-14.96	74	79.61	37.99	-3.05	55.51	150	343	P	H
		18615	49.93	-4.07	54	70.5	37.99	-3.05	55.51	150	343	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	45.85	-28.15	74	49.93	39.01	14.03	57.12	-	-	P	V
6205MHz		18615	51.32	-22.68	74	71.89	37.99	-3.05	55.51	150	21	P	V
		18615	41.54	-12.46	54	62.11	37.99	-3.05	55.51	150	21	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12810	53.76	-34.44	88.2	54.23	39.63	14.39	54.49	205	133	P	H
		12810	47.07	-21.13	68.2	47.54	39.63	14.39	54.49	205	133	A	H
		19215	58.57	-15.43	74	78.4	38.09	-2.81	55.11	150	343	P	H
		19215	50.85	-3.15	54	70.68	38.09	-2.81	55.11	150	343	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	51.55	-36.65	88.2	52.02	39.63	14.39	54.49	293	280	P	V
6405MHz		12810	45.38	-22.82	68.2	45.85	39.63	14.39	54.49	293	280	A	V
		19215	52.18	-21.82	74	72.01	38.09	-2.81	55.11	150	10	P	V
		19215	43.29	-10.71	54	63.12	38.09	-2.81	55.11	150	10	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5924.12	74.3	-13.9	88.2	67.03	34.2	9.78	36.71	261	309	P	H
		5924.82	64.66	-3.54	68.2	57.39	34.2	9.78	36.71	261	309	A	H
	*	5985	107.35	-	-	100.1	34.1	9.86	36.71	261	309	P	H
	*	5985	98.84	-	-	91.59	34.1	9.86	36.71	261	309	A	H
802.11ax													H
HE80 Full													H
CH 07		5924.33	73.81	-14.39	88.2	66.54	34.2	9.78	36.71	100	335	P	V
5985MHz		5923.98	63.36	-4.84	68.2	56.09	34.2	9.78	36.71	100	335	A	V
	*	5985	103.85	-	-	96.6	34.1	9.86	36.71	100	335	P	V
	*	5985	94	-	-	86.75	34.1	9.86	36.71	100	335	A	V
													V
													V

		5911.735	48.19	-40.01	88.2	40.89	34.25	9.76	36.71	252	209	P	H
		5900.115	39.76	-28.44	68.2	32.42	34.3	9.75	36.71	252	209	A	H
	*	6225	91.85	-	-	84.16	34.25	10.04	36.6	252	209	P	H
	*	6225	82.75	-	-	75.06	34.25	10.04	36.6	252	209	A	H
802.11ax													H
HE80 Full													H
CH 55		5920.035	50.91	-37.29	88.2	43.63	34.22	9.77	36.71	100	334	P	V
6225MHz		5925	41.65	-26.55	68.2	34.38	34.2	9.78	36.71	100	334	A	V
	*	6225	102.46	-	-	94.77	34.25	10.04	36.6	100	334	P	V
	*	6225	94.03	-	-	86.34	34.25	10.04	36.6	100	334	A	V
													V
													V
		5914.125	50.86	-37.34	88.2	43.57	34.24	9.76	36.71	245	311	P	H
		5918.725	41.43	-26.77	68.2	34.14	34.23	9.77	36.71	245	311	A	H
	*	6385	107.72	-	-	99.43	34.77	10.05	36.53	245	311	P	H
	*	6385	99.05	-	-	90.76	34.77	10.05	36.53	245	311	A	H
802.11ax													H
HE80 Full													H
CH 87		5910.1	50.08	-38.12	88.2	42.77	34.26	9.76	36.71	114	336	P	V
6385MHz		5917	40.91	-27.29	68.2	33.62	34.23	9.77	36.71	114	336	A	V
	*	6385	107.02	-	-	98.73	34.77	10.05	36.53	114	336	P	V
	*	6385	97.77	-	-	89.48	34.77	10.05	36.53	114	336	A	V
													V
													V

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

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11970	45.72	-28.28	74	50.28	39.14	13.78	57.48	-	-	P	H
		17955	47.35	-26.65	74	48.94	41.22	16.72	59.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		11970	46.02	-27.98	74	50.58	39.14	13.78	57.48	-	-	P	V
5985MHz		17955	47.67	-26.33	74	49.26	41.22	16.72	59.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12450	44.54	-29.46	74	48.53	39.05	14.05	57.09	-	-	P	H
		18675	58.6	-15.4	74	79.01	38.04	-2.99	55.46	150	344	P	H
		18675	49.07	-4.93	54	69.48	38.04	-2.99	55.46	150	344	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	44.65	-29.35	74	48.64	39.05	14.05	57.09	-	-	P	V
6225MHz		18675	49.57	-24.43	74	69.98	38.04	-2.99	55.46	150	14	P	V
		18675	43.62	-10.38	54	64.03	38.04	-2.99	55.46	150	14	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12770	45.68	-42.52	88.2	48.97	39.57	14.23	57.09	-	-	P	H
		19155	55.86	-18.14	74	75.71	38.06	-2.77	55.14	150	341	P	H
		19155	48.22	-5.78	54	68.07	38.06	-2.77	55.14	150	341	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12770	46.88	-41.32	88.2	50.17	39.57	14.23	57.09	-	-	P	V
6385MHz		19155	49.53	-24.47	74	69.38	38.06	-2.77	55.14	150	12	P	V
		19155	42.53	-11.47	54	62.38	38.06	-2.77	55.14	150	12	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5916.67	75.62	-12.58	88.2	68.33	34.23	9.77	36.71	260	309	P	H
		5916.67	65.43	-2.77	68.2	58.14	34.23	9.77	36.71	260	309	A	H
	*	6025	106.29	-	-	98.94	34.15	9.9	36.7	260	309	P	H
	*	6025	96.3	-	-	88.95	34.15	9.9	36.7	260	309	P	H
802.11ax													H
HE160 Full													H
CH 15		5913.7	73.4	-14.8	88.2	66.1	34.25	9.76	36.71	100	335	P	V
6025MHz		5907.43	62.93	-5.27	68.2	55.61	34.27	9.76	36.71	100	335	A	V
	*	6025	100.71	-	-	93.36	34.15	9.9	36.7	100	335	P	V
	*	6025	91.93	-	-	84.58	34.15	9.9	36.7	100	335	P	V
													V
													V
		5911.42	58.91	-29.29	88.2	51.61	34.25	9.76	36.71	252	346	P	H
		5917.3	48.81	-19.39	68.2	41.52	34.23	9.77	36.71	252	346	A	H
	*	6185	106.45	-	-	98.84	34.2	10.03	36.62	252	346	P	H
	*	6185	97.69	-	-	90.08	34.2	10.03	36.62	252	346	P	H
802.11ax													H
HE160 Full													H
CH 47		5904.56	58.25	-29.95	88.2	50.93	34.28	9.75	36.71	100	332	P	V
6185MHz		5907.5	46.85	-21.35	68.2	39.53	34.27	9.76	36.71	100	332	A	V
	*	6185	103.68	-	-	96.07	34.2	10.03	36.62	100	332	P	V
	*	6185	94.28	-	-	86.67	34.2	10.03	36.62	100	332	P	V
													V
													V

		5912.4	51.1	-37.1	88.2	43.8	34.25	9.76	36.71	227	4	P	H
		5916.3	42.35	-25.85	68.2	35.06	34.23	9.77	36.71	227	4	A	H
	*	6345	107.79	-	-	99.6	34.68	10.05	36.54	227	4	P	H
	*	6345	97.46	-	-	89.27	34.68	10.05	36.54	227	4	P	H
802.11ax													H
HE160 Full													H
CH 79		5893.55	50.5	-37.7	88.2	43.18	34.29	9.74	36.71	100	332	P	V
6345MHz		5924.75	41.55	-26.65	68.2	34.28	34.2	9.78	36.71	100	332	A	V
	*	6345	103.93	-	-	95.74	34.68	10.05	36.54	100	332	P	V
	*	6345	93.81	-	-	85.62	34.68	10.05	36.54	100	332	P	V
													V
													V

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

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12050	45.97	-28.03	74	50.37	39.2	13.82	57.42	-	-	P	H
		18075	54.31	-19.69	74	76.01	37.62	-3.47	55.85	150	347	P	H
		18075	46.88	-7.12	54	68.58	37.62	-3.47	55.85	150	347	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 15		12050	47	-27	74	51.4	39.2	13.82	57.42	-	-	P	V
6025MHz		18075	50.16	-23.84	74	71.86	37.62	-3.47	55.85	150	22	P	V
		18075	42.59	-11.41	54	64.29	37.62	-3.47	55.85	150	22	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12370	45.97	-28.03	74	50.04	39.09	14	57.16	-	-	P	H
		18555	58.85	-15.15	74	79.58	37.94	-3.11	55.56	150	111	P	H
		18555	50.14	-3.86	54	70.87	37.94	-3.11	55.56	150	111	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 47		12370	46.17	-27.83	74	50.24	39.09	14	57.16	-	-	P	V
6185MHz		18555	52.77	-21.23	74	73.5	37.94	-3.11	55.56	150	35	P	V
		18555	43.55	-10.45	54	64.28	37.94	-3.11	55.56	150	35	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12690	45.21	-28.79	74	48.61	39.49	14.19	57.08	-	-	P	H
		19035	55.6	-18.4	74	75.47	38.01	-2.69	55.19	150	17	P	H
		19035	48.35	-5.65	54	68.22	38.01	-2.69	55.19	150	17	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 79		12690	46.19	-27.81	74	49.59	39.49	14.19	57.08	-	-	P	V
6345MHz		19035	50.31	-23.69	74	70.18	38.01	-2.69	55.19	150	9	P	V
		19035	42.47	-11.53	54	62.34	38.01	-2.69	55.19	150	9	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 117 6535MHz	*	6535	110.47	-	-	101.6	35.21	10.15	36.49	246	24	P	H
	*	6535	103.05	-	-	94.18	35.21	10.15	36.49	246	24	A	H
		7199.01	52.99	-35.21	88.2	42.39	36.7	10.6	36.7	246	24	P	H
		7237.7	42.22	-25.98	68.2	31.48	36.78	10.65	36.69	246	24	A	H
													H
													H
	*	6535	105.32	-	-	96.45	35.21	10.15	36.49	103	31	P	V
	*	6535	98.08	-	-	89.21	35.21	10.15	36.49	103	31	A	V
		7220.91	51.43	-36.77	88.2	40.75	36.74	10.63	36.69	103	31	P	V
		7192.44	42.12	-26.08	68.2	31.56	36.67	10.59	36.7	103	31	A	V
													V
													V
802.11a CH 149 6695MHz	*	6695	113.24	-	-	103.61	35.88	10.32	36.57	240	18	P	H
	*	6695	105.7	-	-	96.07	35.88	10.32	36.57	240	18	A	H
		7240.62	51.97	-36.23	88.2	41.23	36.78	10.65	36.69	240	18	P	H
		7216.53	42.5	-25.7	68.2	31.84	36.73	10.62	36.69	240	18	A	H
													H
													H
	*	6695	107.56	-	-	97.93	35.88	10.32	36.57	111	26	P	V
	*	6695	100.34	-	-	90.71	35.88	10.32	36.57	111	26	A	V
		7192.44	52.25	-35.95	88.2	41.69	36.67	10.59	36.7	111	26	P	V
		7238.43	42.19	-26.01	68.2	31.45	36.78	10.65	36.69	111	26	A	V
													V
													V

802.11a CH 181 6855MHz	*	6855	113.32	-	-	103.92	35.6	10.45	36.65	232	24	P	H
	*	6855	106.15	-	-	96.75	35.6	10.45	36.65	232	24	A	H
		7188.3	51.84	-36.36	88.2	41.3	36.65	10.59	36.7	232	24	P	H
		7167.645	42.62	-25.58	68.2	32.18	36.57	10.57	36.7	232	24	A	H
													H
													H
	*	6855	107.47	-	-	98.07	35.6	10.45	36.65	115	25	P	V
	*	6855	99.62	-	-	90.22	35.6	10.45	36.65	115	25	A	V
		7236.9	52.64	-35.56	88.2	41.92	36.77	10.64	36.69	115	25	P	V
		7190.325	42.19	-26.01	68.2	31.64	36.66	10.59	36.7	115	25	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 117 6535MHz		13072	56.46	-31.74	88.2	56.62	39.58	14.56	54.3	196	11	P	H
		13072	46.65	-21.55	68.2	46.81	39.58	14.56	54.3	196	11	A	H
		19600	60.64	-13.36	74	80.84	37.74	-2.96	54.98	150	45	P	H
		19600	49.42	-4.58	54	69.62	37.74	-2.96	54.98	150	45	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		13072	47.83	-40.37	88.2	47.99	39.58	14.56	54.3	-	-	P	V
		19605	50.33	-23.67	74	70.53	37.74	-2.96	54.98	150	60	P	V
		19605	42.56	-11.44	54	62.76	37.74	-2.96	54.98	150	60	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13390	56.04	-17.96	74	55.42	40.07	14.78	54.23	191	6	P	H
		13390	48.8	-5.2	54	48.18	40.07	14.78	54.23	191	6	A	H
		20085	58.4	-15.6	74	78.77	37.6	-3.07	54.9	150	44	P	H
		20085	50.44	-3.56	54	70.81	37.6	-3.07	54.9	150	44	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 149 6695MHz		13390	54.36	-19.64	74	53.74	40.07	14.78	54.23	250	274	P	V
		13390	44.2	-9.8	54	43.58	40.07	14.78	54.23	250	274	A	V
		20085	53.55	-20.45	74	73.92	37.6	-3.07	54.9	150	40	P	V
		20085	44.34	-9.66	54	64.71	37.6	-3.07	54.9	150	40	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13710	56.36	-31.84	88.2	55.5	39.99	14.99	54.12	208	11	P	H
		13710	45.24	-22.96	68.2	44.38	39.99	14.99	54.12	208	11	A	H
		20565	61.8	-12.2	74	82.73	37.95	-3.99	54.89	150	38	P	H
		20565	50.7	-3.3	54	71.63	37.95	-3.99	54.89	150	38	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 181 6855MHz													H
		13710	50.21	-37.99	88.2	49.35	39.99	14.99	54.12	-	-	P	V
		20565	52.24	-21.76	74	73.17	37.95	-3.99	54.89	150	19	P	V
		20565	44.1	-9.9	54	65.03	37.95	-3.99	54.89	150	19	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6535	112.66	-	-	103.79	35.21	10.15	36.49	224	47	P	H
	*	6535	103.11	-	-	94.24	35.21	10.15	36.49	224	47	A	H
		7238.43	51.46	-36.74	88.2	40.72	36.78	10.65	36.69	224	47	P	H
		7189.52	42.09	-26.11	68.2	31.54	36.66	10.59	36.7	224	47	A	H
802.11ax													H
HE20 Full													H
CH 117	*	6535	110.13	-	-	101.26	35.21	10.15	36.49	102	2	P	V
6535MHz	*	6535	100.24	-	-	91.37	35.21	10.15	36.49	102	2	A	V
		7242.81	51.77	-36.43	88.2	41.02	36.79	10.65	36.69	102	2	P	V
		7242.08	41.96	-26.24	68.2	31.22	36.78	10.65	36.69	102	2	A	V
													V
													V
	*	6695	112.82	-	-	103.19	35.88	10.32	36.57	240	42	P	H
		6695	0	-68.2	68.2	-9.63	35.88	10.32	36.57	240	42	A	H
		7161.78	51.49	-36.71	88.2	41.07	36.55	10.57	36.7	240	42	P	H
		7215.8	42.05	-26.15	68.2	31.39	36.73	10.62	36.69	240	42	A	H
802.11ax													H
HE20 Full													H
CH 149	*	6695	107.5	-	-	97.87	35.88	10.32	36.57	106	26	P	V
6695MHz	*	6695	99.17	-	-	89.54	35.88	10.32	36.57	106	26	A	V
		7189.52	50.93	-37.27	88.2	40.38	36.66	10.59	36.7	106	26	P	V
		7198.28	41.83	-26.37	68.2	31.24	36.69	10.6	36.7	106	26	A	V
													V
													V

	*	6855	112.76	-	-	103.36	35.6	10.45	36.65	223	20	P	H
	*	6855	103.98	-	-	94.58	35.6	10.45	36.65	223	20	A	H
		7203.285	51.66	-36.54	88.2	41.05	36.71	10.6	36.7	223	20	P	H
		7185.87	42.26	-25.94	68.2	31.73	36.64	10.59	36.7	223	20	A	H
802.11ax													H
HE20 Full													H
CH 181	*	6855	107.26	-	-	97.86	35.6	10.45	36.65	240	47	P	V
6855MHz	*	6855	97.23	-	-	87.83	35.6	10.45	36.65	240	47	A	V
		7205.715	51.34	-36.86	88.2	40.72	36.71	10.61	36.7	240	47	P	V
		7184.25	42.01	-26.19	68.2	31.48	36.64	10.59	36.7	240	47	A	V
													V
													V

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13070	56.63	-31.57	88.2	56.78	39.59	14.56	54.3	190	12	P	H
		13070	47.1	-21.1	68.2	47.25	39.59	14.56	54.3	190	12	A	H
		19605	63.97	-10.03	74	84.17	37.74	-2.96	54.98	150	17	P	H
		19605	50.33	-3.67	54	70.53	37.74	-2.96	54.98	150	17	A	H
		32675	49.56	-38.64	88.2	67.22	40.7	-1.22	57.14	150	34	P	H
		32675	40.54	-27.66	68.2	58.2	40.7	-1.22	57.14	150	34	A	H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	52.07	-36.13	88.2	52.22	39.59	14.56	54.3	252	273	P	V
6535MHz		13070	42.1	-26.1	68.2	42.25	39.59	14.56	54.3	252	273	A	V
		19605	54.02	-19.98	74	74.22	37.74	-2.96	54.98	150	59	P	V
		19605	41.54	-12.46	54	61.74	37.74	-2.96	54.98	150	59	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13390	54.79	-19.21	74	57.1	40.07	14.59	56.97	198	18	P	H
		13390	49.4	-4.6	54	51.71	40.07	14.59	56.97	198	18	A	H
		20085	62.07	-11.93	74	82.44	37.6	-3.07	54.9	150	43	P	H
		20085	50.18	-3.82	54	70.55	37.6	-3.07	54.9	150	43	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	52	-22	74	54.31	40.07	14.59	56.97	251	277	P	V
6695MHz		13390	45.2	-8.8	54	47.51	40.07	14.59	56.97	251	277	A	V
		20085	57.85	-16.15	74	78.22	37.6	-3.07	54.9	150	45	P	V
		20085	43.42	-10.58	54	63.79	37.6	-3.07	54.9	150	45	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13710	55.98	-32.22	88.2	55.12	39.99	14.99	54.12	187	18	P	H
		13710	45.64	-22.56	68.2	44.78	39.99	14.99	54.12	187	18	A	H
		20565	62.21	-11.79	74	83.14	37.95	-3.99	54.89	150	40	P	H
		20565	50.05	-3.95	54	70.98	37.95	-3.99	54.89	150	40	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		13710	49.21	-38.99	88.2	48.35	39.99	14.99	54.12	-	-	P	V
6855MHz		20565	52.16	-21.84	74	73.09	37.95	-3.99	54.89	150	2	P	V
		20565	43.64	-10.36	54	64.57	37.95	-3.99	54.89	150	2	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6565	110.99	-	-	101.93	35.39	10.17	36.5	235	24	P	H
	*	6565	101.84	-	-	92.78	35.39	10.17	36.5	235	24	A	H
		7203	51.29	-36.91	88.2	40.68	36.71	10.6	36.7	235	24	P	H
		7229.6	41.99	-26.21	68.2	31.28	36.76	10.64	36.69	235	24	A	H
802.11ax													H
HE40 Full													H
CH 123	*	6565	105.38	-	-	96.32	35.39	10.17	36.5	101	357	P	V
6565MHz	*	6565	96.04	-	-	86.98	35.39	10.17	36.5	101	357	A	V
		7229.6	51.16	-37.04	88.2	40.45	36.76	10.64	36.69	101	357	P	V
		7240.1	42.08	-26.12	68.2	31.34	36.78	10.65	36.69	101	357	A	V
													V
													V
	*	6685	110.86	-	-	101.27	35.84	10.31	36.56	251	357	P	H
	*	6685	100.53	-	-	90.94	35.84	10.31	36.56	251	357	A	H
		7178.5	51.86	-36.34	88.2	41.37	36.61	10.58	36.7	251	357	P	H
		7193.2	41.89	-26.31	68.2	31.33	36.67	10.59	36.7	251	357	A	H
802.11ax													H
HE40 Full													H
CH 147	*	6685	103.91	-	-	94.32	35.84	10.31	36.56	102	26	P	V
6685MHz	*	6685	94.81	-	-	85.22	35.84	10.31	36.56	102	26	A	V
		7228.2	51.12	-37.08	88.2	40.42	36.76	10.63	36.69	102	26	P	V
		7235.9	42.01	-26.19	68.2	31.29	36.77	10.64	36.69	102	26	A	V
													V
													V

	*	6845	110.18	-	-	100.74	35.63	10.45	36.64	218	353	P	H
	*	6845	101.38	-	-	91.94	35.63	10.45	36.64	218	353	A	H
		7240.435	51.93	-36.27	88.2	41.19	36.78	10.65	36.69	218	353	P	H
		7188.975	42.27	-25.93	68.2	31.72	36.66	10.59	36.7	218	353	A	H
802.11ax													H
HE40 Full													H
CH 179	*	6845	103.13	-	-	93.69	35.63	10.45	36.64	108	24	P	V
6845MHz	*	6845	93.89	-	-	84.45	35.63	10.45	36.64	108	24	A	V
		7145.815	51.26	-36.94	88.2	40.92	36.48	10.56	36.7	108	24	P	V
		7184.825	41.98	-26.22	68.2	31.45	36.64	10.59	36.7	108	24	A	V
													V
													V

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13130	56.28	-31.92	88.2	56.38	39.59	14.6	54.29	191	11	P	H
		13130	46.36	-21.84	68.2	46.46	39.59	14.6	54.29	191	11	A	H
		19695	62.54	-11.46	74	82.66	37.78	-2.94	54.96	150	15	P	H
		19695	50.79	-3.21	54	70.91	37.78	-2.94	54.96	150	15	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	49.01	-39.19	88.2	49.11	39.59	14.6	54.29	-	-	P	V
6565MHz		19695	54.96	-19.04	74	75.08	37.78	-2.94	54.96	150	59	P	V
		19695	43.46	-10.54	54	63.58	37.78	-2.94	54.96	150	59	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13370	57.24	-16.76	74	56.7	40.01	14.76	54.23	201	16	P	H
		13370	47.14	-6.86	54	46.6	40.01	14.76	54.23	201	16	A	H
		20055	61.62	-12.38	74	81.94	37.57	-2.99	54.9	150	44	P	H
		20055	50.41	-3.59	54	70.73	37.57	-2.99	54.9	150	44	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	48.24	-25.76	74	47.7	40.01	14.76	54.23	-	-	P	V
6685MHz		20055	50.45	-23.55	74	70.77	37.57	-2.99	54.9	150	42	P	V
		20055	43.85	-10.15	54	64.17	37.57	-2.99	54.9	150	42	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13690	55.35	-32.85	88.2	54.48	40.01	14.98	54.12	186	16	P	H
		13690	44.92	-23.28	68.2	44.05	40.01	14.98	54.12	186	16	A	H
		20535	61.75	-12.25	74	82.72	37.97	-4.05	54.89	150	38	P	H
		20535	50.75	-3.25	54	71.72	37.97	-4.05	54.89	150	38	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 179		13690	50.1	-38.1	88.2	49.23	40.01	14.98	54.12	-	-	P	V
6845MHz		20535	56.16	-17.84	74	77.13	37.97	-4.05	54.89	150	1	P	V
		20535	44.32	-9.68	54	65.29	37.97	-4.05	54.89	150	1	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6625	107.7	-	-	98.35	35.65	10.23	36.53	251	360	P	H
	*	6625	98.49	-	-	89.14	35.65	10.23	36.53	251	360	A	H
		7239.195	51.55	-36.65	88.2	40.81	36.78	10.65	36.69	251	360	P	H
		7175.34	43.06	-25.14	68.2	32.58	36.6	10.58	36.7	251	360	A	H
802.11ax													H
HE80 Full													H
CH 135	*	6625	102.49	-	-	93.14	35.65	10.23	36.53	100	356	P	V
6625MHz	*	6625	93.44	-	-	84.09	35.65	10.23	36.53	100	356	A	V
		7240.485	51.29	-36.91	88.2	40.55	36.78	10.65	36.69	100	356	P	V
		7234.68	42.75	-25.45	68.2	32.03	36.77	10.64	36.69	100	356	A	V
													V
													V
	*	6705	107.32	-	-	97.65	35.91	10.33	36.57	216	360	P	H
	*	6705	99.1	-	-	89.43	35.91	10.33	36.57	216	360	A	H
		7126.28	51.37	-36.83	88.2	41.12	36.41	10.54	36.7	216	360	P	H
		7199.64	43.05	-25.15	68.2	32.45	36.7	10.6	36.7	216	360	A	H
802.11ax													H
HE80 Full													H
CH 151	*	6705	102.36	-	-	92.69	35.91	10.33	36.57	118	356	P	V
6705MHz	*	6705	92.79	-	-	83.12	35.91	10.33	36.57	118	356	A	V
		7197.4	51.59	-36.61	88.2	41	36.69	10.6	36.7	118	356	P	V
		7183.4	42.99	-25.21	68.2	32.47	36.63	10.59	36.7	118	356	A	V
													V
													V

	*	6785	111.26	-	-	101.51	35.93	10.43	36.61	246	356	P	H
	*	6785	101.63	-	-	91.88	35.93	10.43	36.61	246	356	A	H
		7212.17	53.14	-35.06	88.2	42.5	36.72	10.61	36.69	246	356	P	H
		7125.93	44.47	-23.73	68.2	34.23	36.4	10.54	36.7	246	356	A	H
802.11ax													H
HE80 Full													H
CH 167	*	6785	104.48	-	-	94.73	35.93	10.43	36.61	115	356	P	V
6785MHz	*	6785	95.71	-	-	85.96	35.93	10.43	36.61	115	356	A	V
		7229.32	52.39	-35.81	88.2	41.68	36.76	10.64	36.69	115	356	P	V
		7197.96	43.57	-24.63	68.2	32.98	36.69	10.6	36.7	115	356	A	V
													V
													V

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13250	48.69	-25.31	74	48.47	39.8	14.68	54.26	185	19	P	H
		13250	42.65	-11.35	54	42.43	39.8	14.68	54.26	185	19	A	H
		19875	61.17	-12.83	74	81.33	37.65	-2.88	54.93	150	20	P	H
		19875	50.1	-3.9	54	70.26	37.65	-2.88	54.93	150	20	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	48.42	-25.58	74	48.2	39.8	14.68	54.26	256	271	P	V
6625MHz		13250	41.6	-12.4	54	41.38	39.8	14.68	54.26	256	271	A	V
		19875	54.97	-19.03	74	75.13	37.65	-2.88	54.93	150	76	P	V
		19875	44.68	-9.32	54	64.84	37.65	-2.88	54.93	150	76	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13410	55.9	-32.3	88.2	55.24	40.09	14.79	54.22	192	11	P	H
		13410	45.99	-22.21	68.2	45.33	40.09	14.79	54.22	192	11	A	H
		20115	60.47	-13.53	74	80.87	37.64	-3.14	54.9	150	47	P	H
		20115	50.69	-3.31	54	71.09	37.64	-3.14	54.9	150	47	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	48.42	-39.78	88.2	47.76	40.09	14.79	54.22	243	271	P	V
6705MHz		13410	41.02	-27.18	68.2	40.36	40.09	14.79	54.22	243	271	A	V
		20115	54.83	-19.17	74	75.23	37.64	-3.14	54.9	150	51	P	V
		20115	44.17	-9.83	54	64.57	37.64	-3.14	54.9	150	51	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13570	49.64	-38.56	88.2	51.8	40.07	14.69	56.92	188	16	P	H
		13570	40.15	-28.05	68.2	42.31	40.07	14.69	56.92	188	16	A	H
		20355	60.33	-13.67	74	81.1	37.88	-3.75	54.9	150	45	P	H
		20355	50.87	-3.13	54	71.64	37.88	-3.75	54.9	150	45	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 167		13570	48.29	-39.91	88.2	50.45	40.07	14.69	56.92	248	281	P	V
6785MHz		13570	37.85	-30.35	68.2	40.01	40.07	14.69	56.92	248	281	A	V
		20355	54.11	-19.89	74	74.88	37.88	-3.75	54.9	150	3	P	V
		20355	44.23	-9.77	54	65	37.88	-3.75	54.9	150	3	A	V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 7 - 6525~6875MHz

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

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	6665	107.24	-	-	97.75	35.76	10.28	36.55	234	18	P	H
	*	6665	97.87	-	-	88.38	35.76	10.28	36.55	234	18	A	H
		7150.9	52.67	-35.53	88.2	42.31	36.5	10.56	36.7	234	18	P	H
		7145.7	44.28	-23.92	68.2	33.94	36.48	10.56	36.7	234	18	A	H
802.11ax													H
HE160 Full													H
CH 143	*	6665	101.74	-	-	92.25	35.76	10.28	36.55	100	356	P	V
6665MHz	*	6665	92.65	-	-	83.16	35.76	10.28	36.55	100	356	A	V
		7182.1	51.23	-36.97	88.2	40.71	36.63	10.59	36.7	100	356	P	V
		7220.45	43.24	-24.96	68.2	32.57	36.74	10.62	36.69	100	356	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 7+3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13330	48.1	-25.9	74	50.65	39.89	14.55	56.99	195	13	P	H
		13330	37.25	-36.75	74	39.8	39.89	14.55	56.99	195	13	A	H
		19995	57.32	-16.68	74	77.56	37.51	-2.85	54.9	150	48	P	H
		19995	47.34	-6.66	54	67.58	37.51	-2.85	54.9	150	48	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 175		13330	46.37	-27.63	74	48.92	39.89	14.55	56.99	-	-	P	V
6825MHz		19995	54.99	-19.01	74	75.23	37.51	-2.85	54.9	150	42	P	V
		19995	45.12	-8.88	54	65.36	37.51	-2.85	54.9	150	42	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full SHF		39956	50.19	-23.81	74	61.63	44.5	-0.1	55.84	-	-	P	H
		39956	39.9	-14.1	54	51.34	44.5	-0.1	55.84	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39912	49.51	-24.49	74	61.03	44.5	-0.13	55.89	-	-	P	V
		39912	38.94	-15.06	54	50.46	44.5	-0.13	55.89	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		30.97	22.47	-17.53	40	30.27	24.01	0.67	32.48	-	-	P	H
		101.78	30.43	-13.07	43.5	45.57	16.09	1.25	32.48	-	-	P	H
		195.87	33.56	-9.94	43.5	49.56	14.71	1.79	32.5	-	-	P	H
		224	33.17	-12.83	46	48.41	15.36	1.88	32.48	-	-	P	H
		294.81	32.66	-13.34	46	43.95	19.04	2.08	32.41	-	-	P	H
		960.23	33.6	-20.4	54	29.93	30.95	3.85	31.13	-	-	P	H
													H
													H
													H
													H
													H
													H
		37.76	32.35	-7.65	40	43.44	20.65	0.79	32.53	-	-	P	V
		96.93	30.9	-12.6	43.5	46.64	15.49	1.23	32.46	-	-	P	V
		194.9	31.78	-11.72	43.5	47.78	14.7	1.79	32.49	-	-	P	V
		293.84	30.34	-15.66	46	41.65	19.02	2.08	32.41	-	-	P	V
		719.67	31.31	-14.69	46	33.65	26.78	3.23	32.35	-	-	P	V
		960.23	35.74	-18.26	54	32.07	30.95	3.85	31.13	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5925	55.45	-32.75	88.2	54.51	32.22	4.58	35.86	103	308	P	H
		5925	43.54	-24.66	68.2	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5925MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -32.75(dB)

For Average Limit @ 5925MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -24.66(dB)

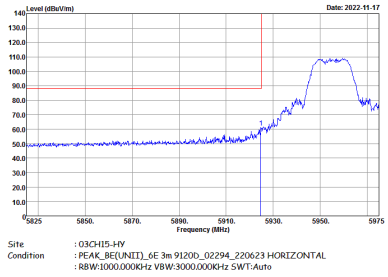
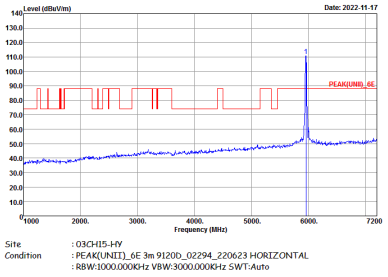
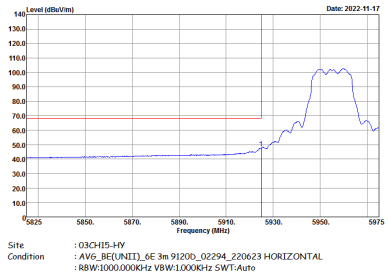
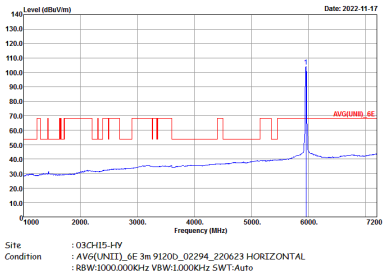
Both peak and average measured complies with the limit line, so test result is “PASS”.

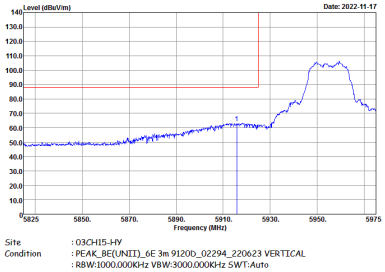
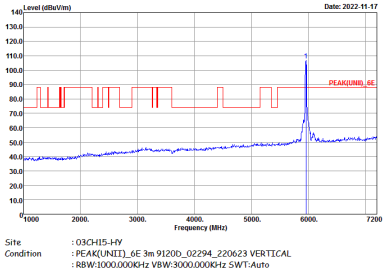
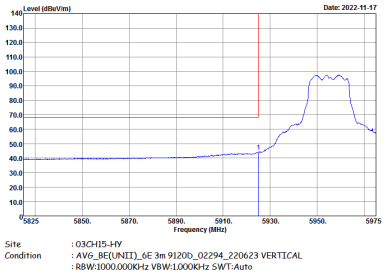
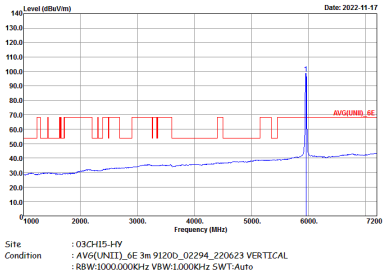
Appendix D. Radiated Spurious Emission Plot

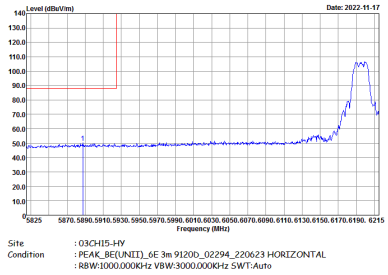
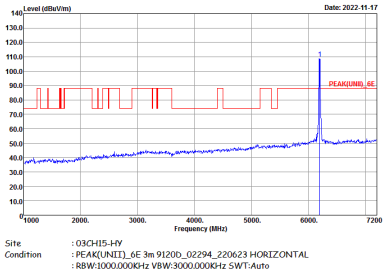
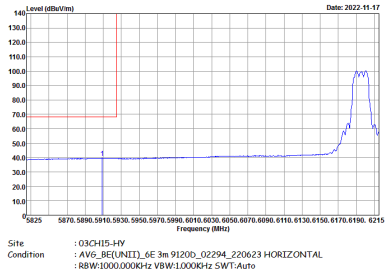
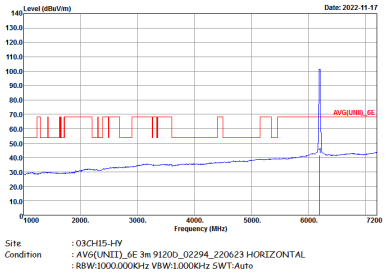
Test Engineer :	Eric Xaio, Bigshow Wang and Quentin Liu	**Temperature :**	21.1~23.1°C
		Relative Humidity :	49~58%

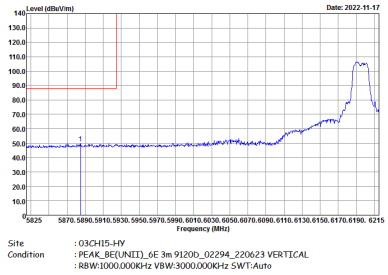
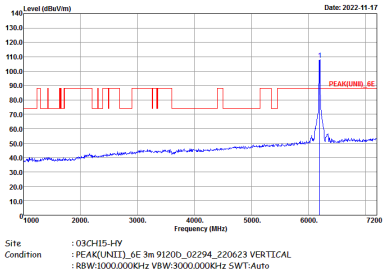
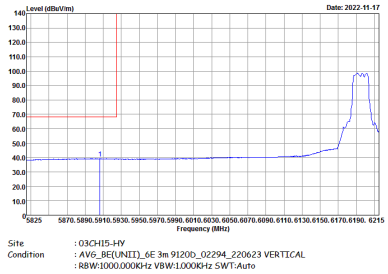
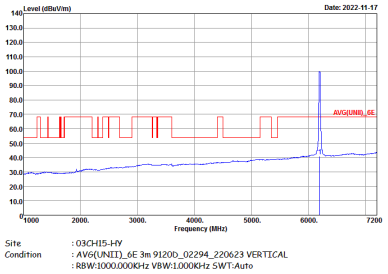
Band 5 - 5925~6425MHz

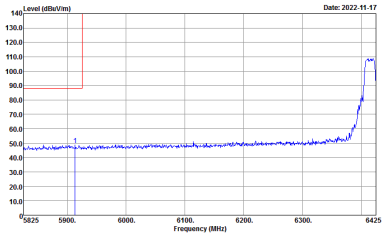
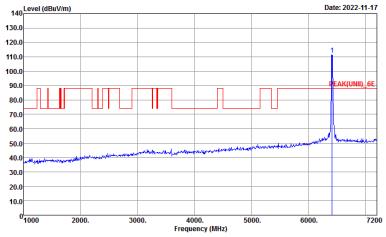
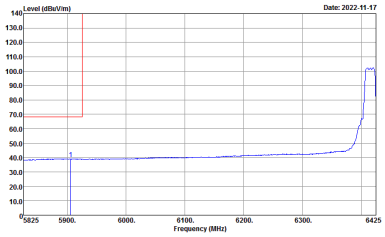
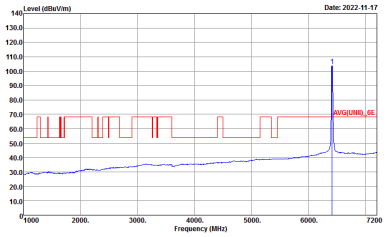
WIFI 802.11a (Band Edge @ 3m)

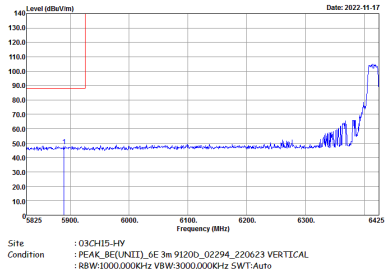
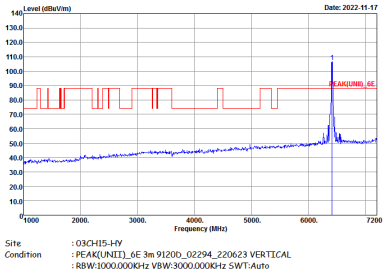
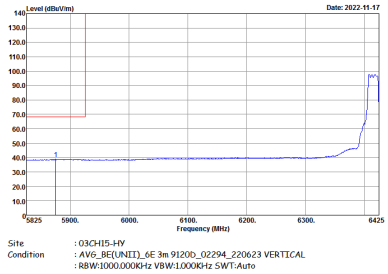
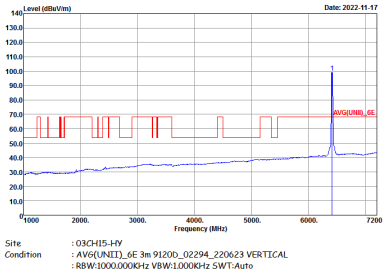
WIFI	**Band 5 5925~6425MHz Band Edge @ 3m**	
ANT	**802.11a CH01 5955MHz**	
7+3	**Horizontal**	**Fundamental**
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

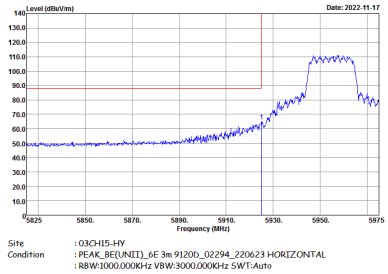
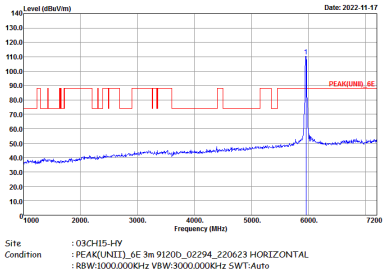
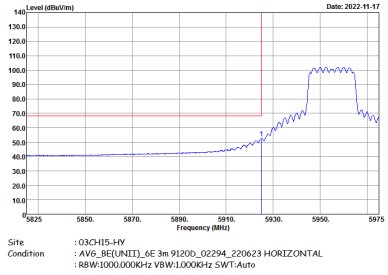
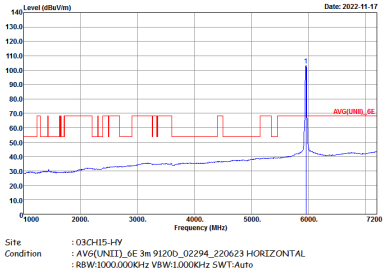
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

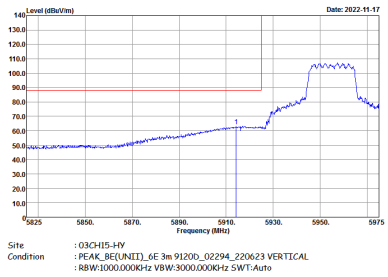
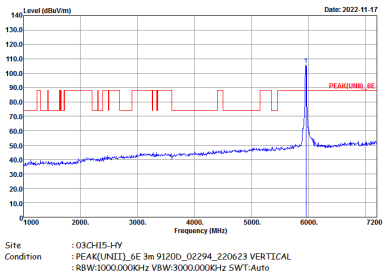
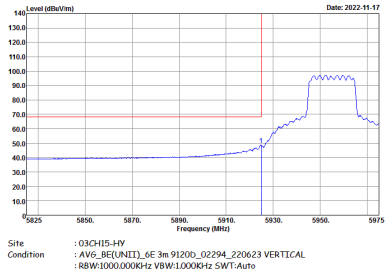
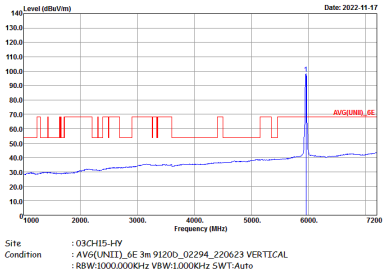
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

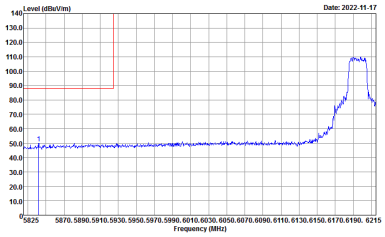
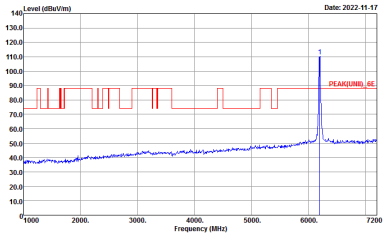
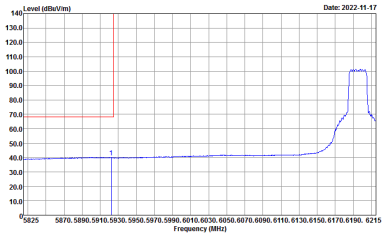
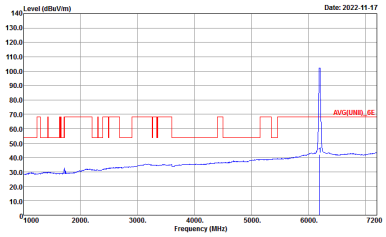
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
7+3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

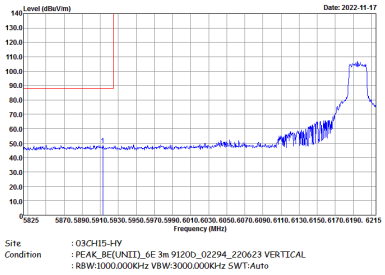
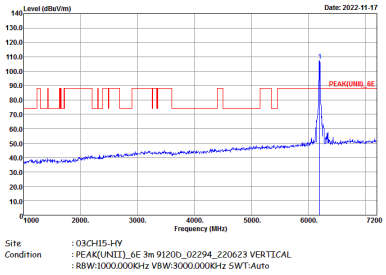
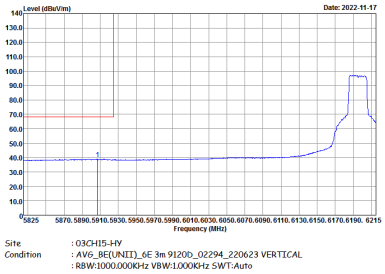
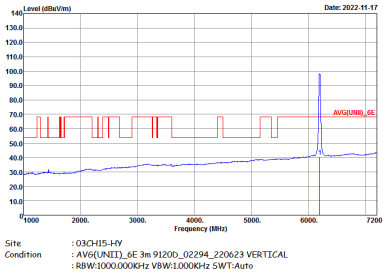
Band 5 5925~6425MHz

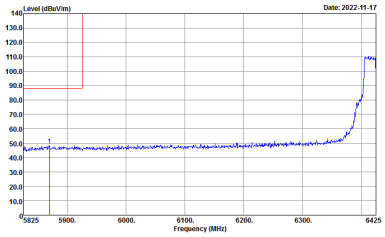
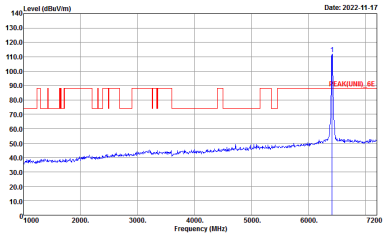
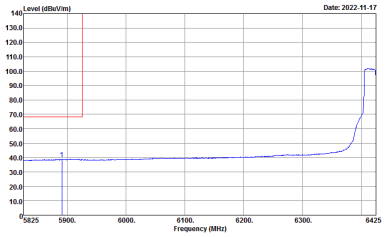
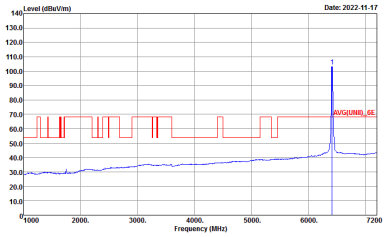
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

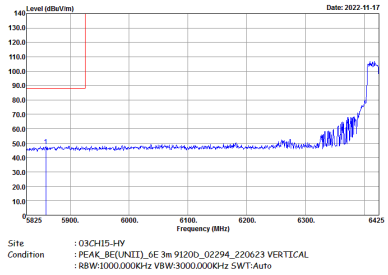
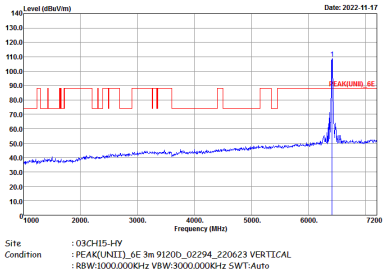
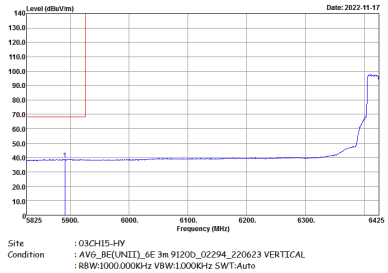
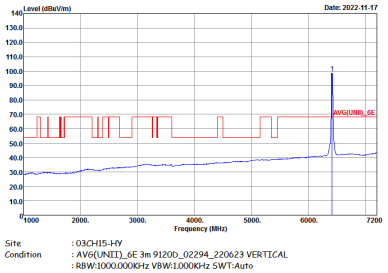
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

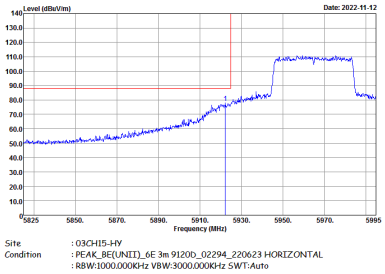
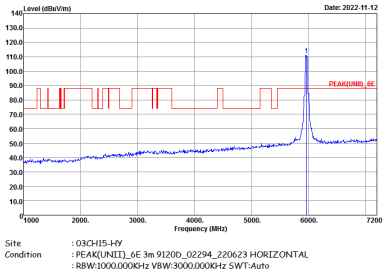
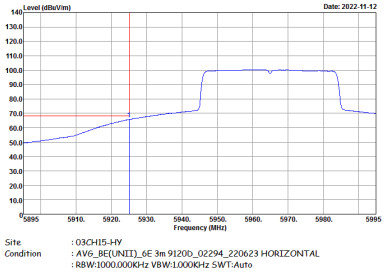
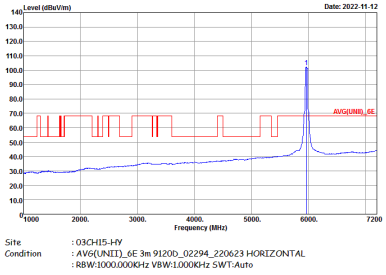
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

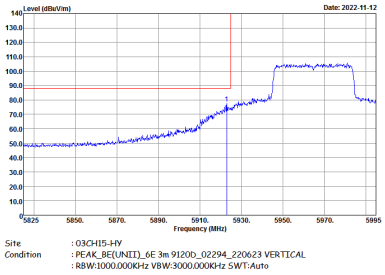
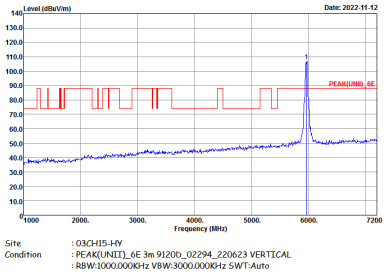
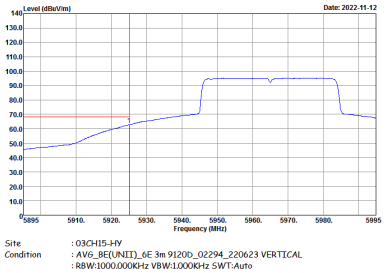
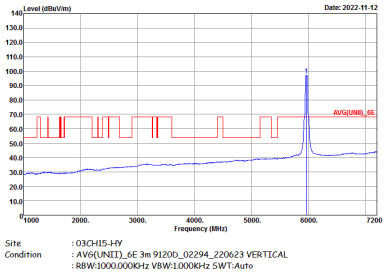
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

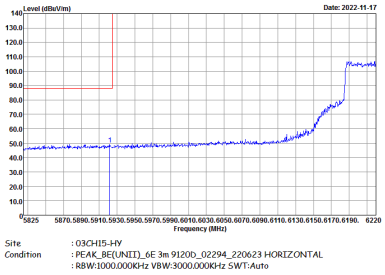
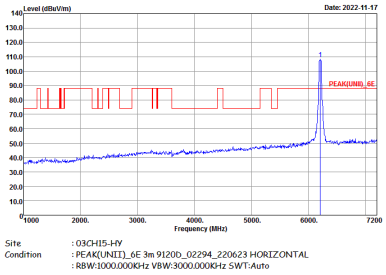
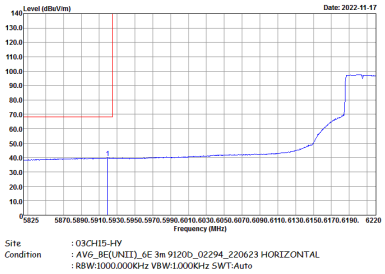
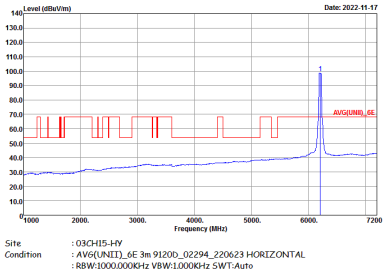
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

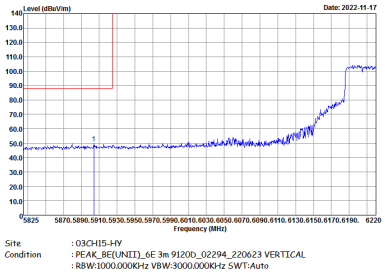
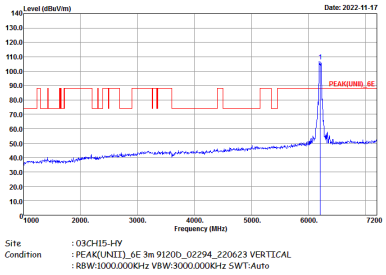
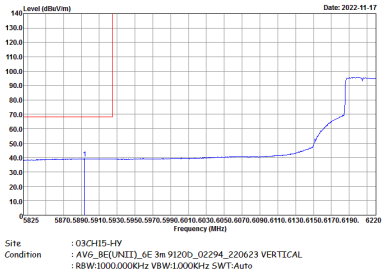
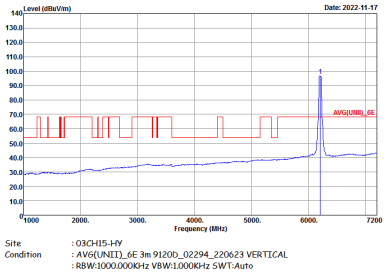
Band 5 5925~6425MHz

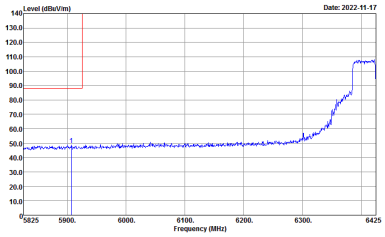
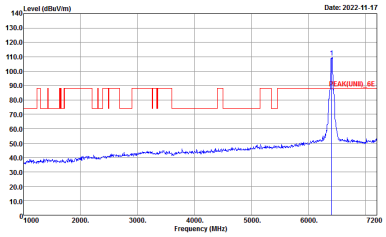
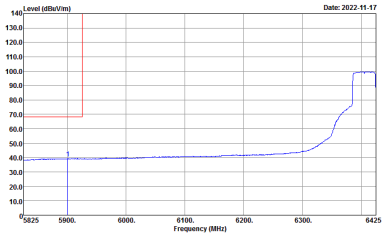
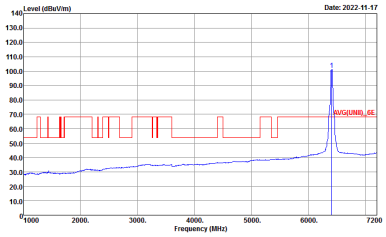
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

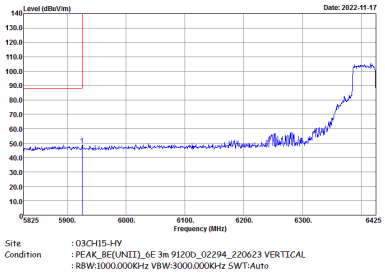
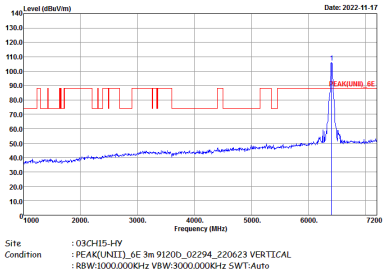
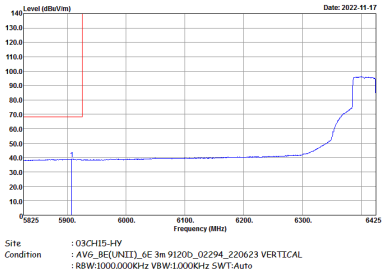
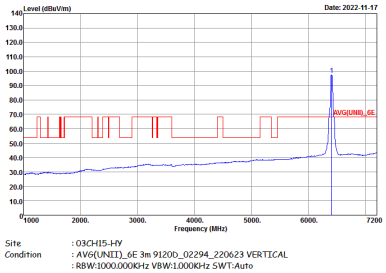
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

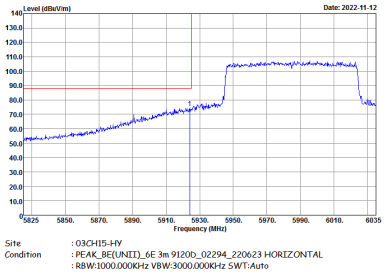
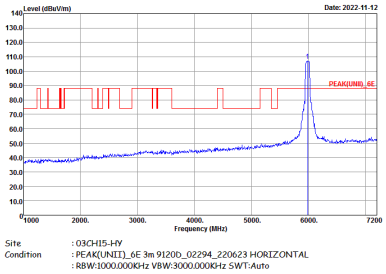
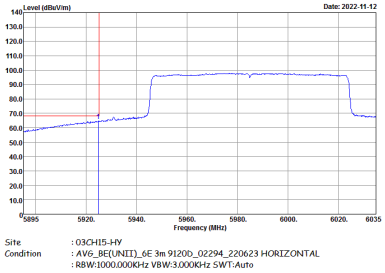
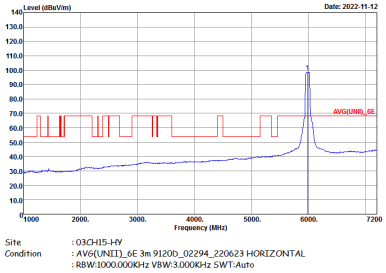
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
7+3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

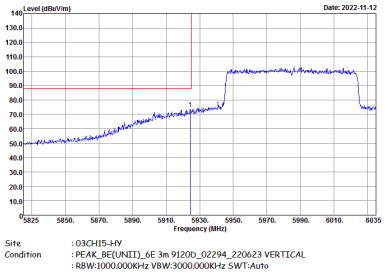
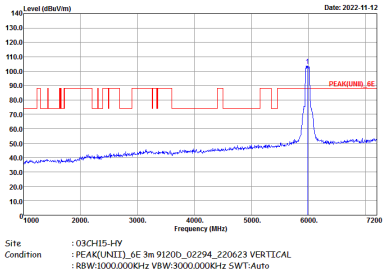
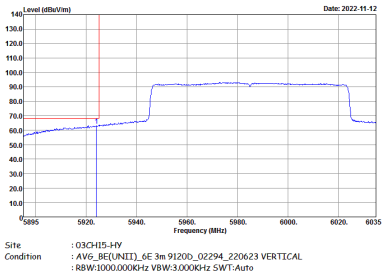
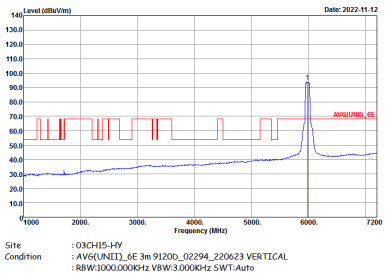
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

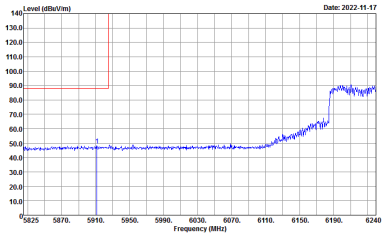
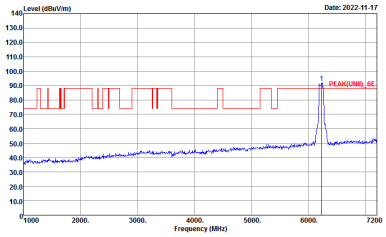
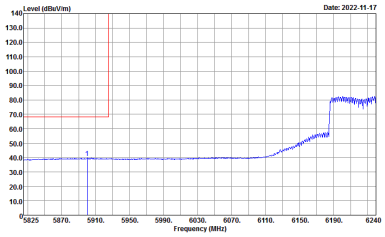
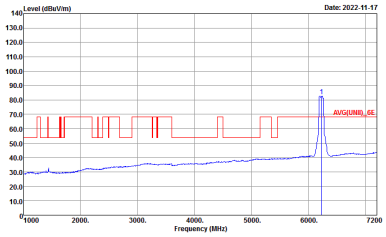
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

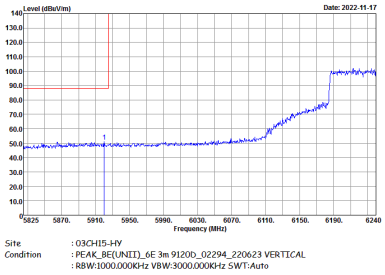
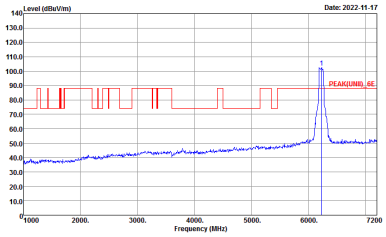
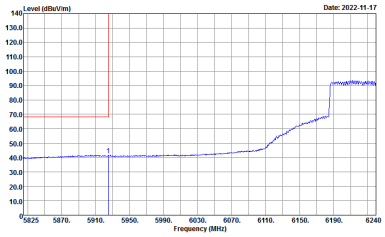
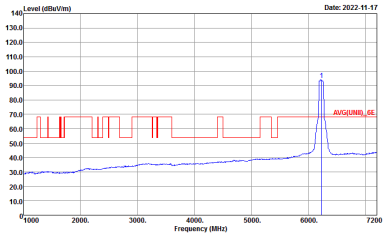
Band 5 5925~6425MHz

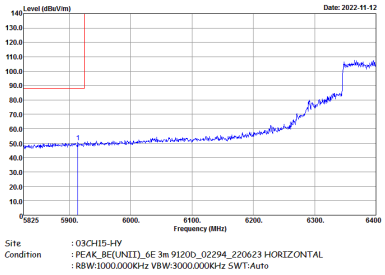
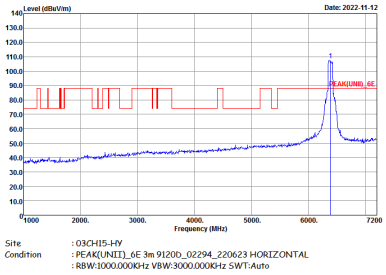
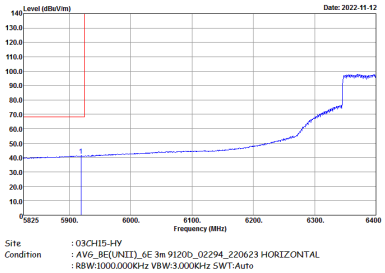
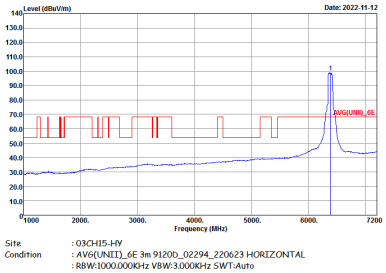
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

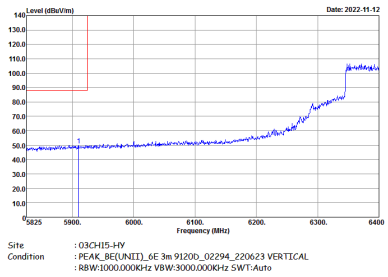
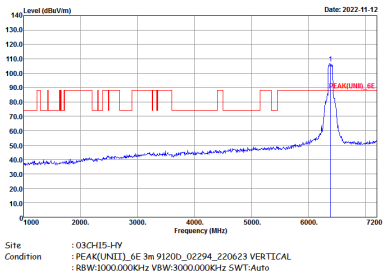
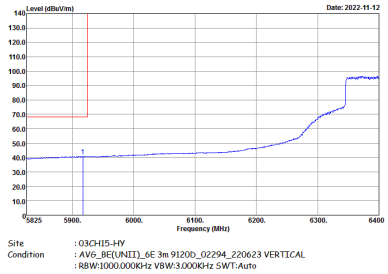
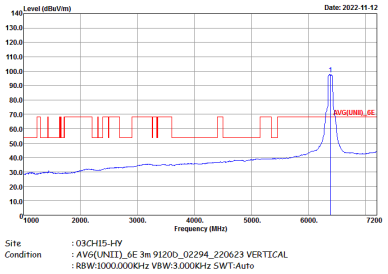
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
7+3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

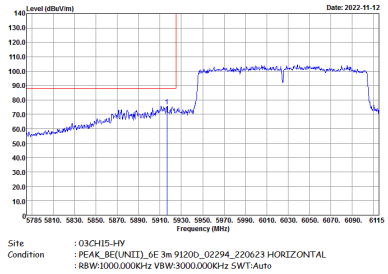
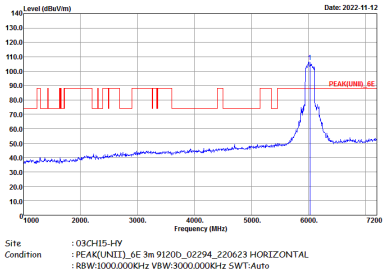
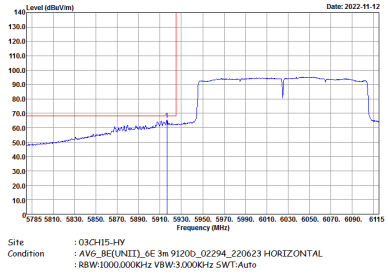
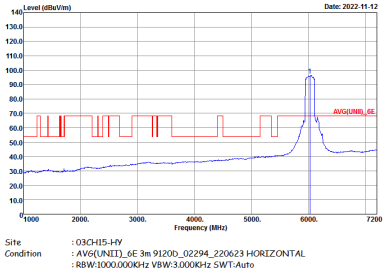
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
7+3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

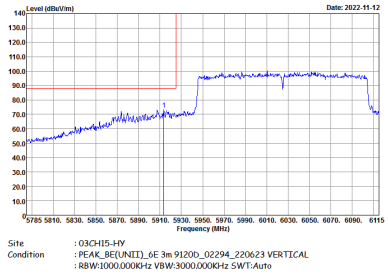
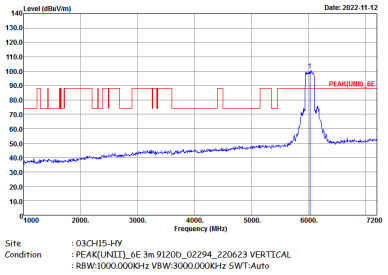
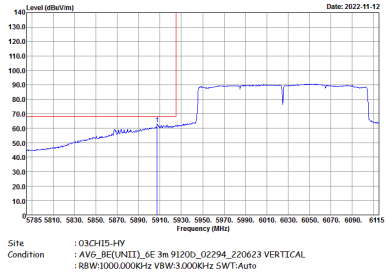
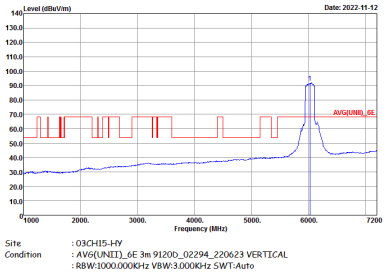
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

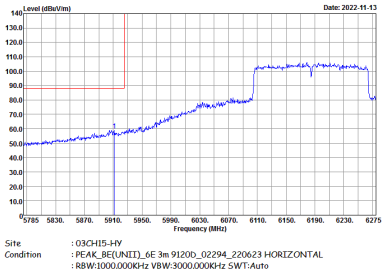
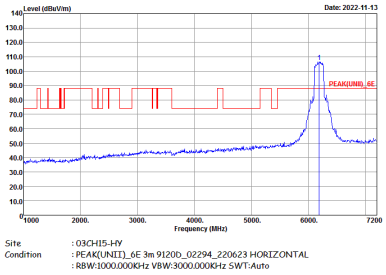
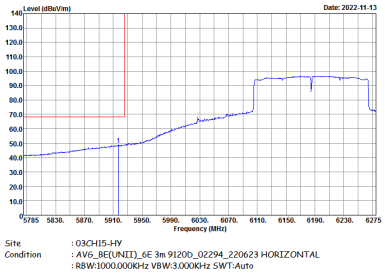
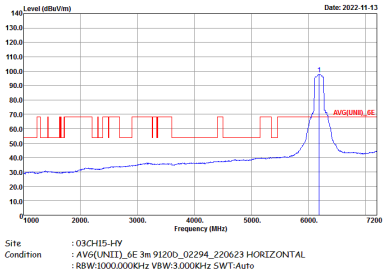
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

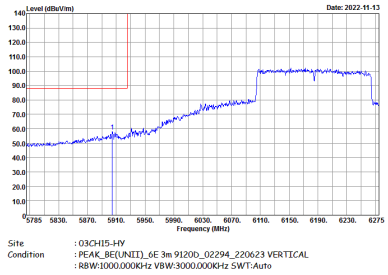
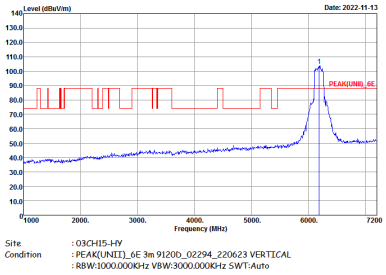
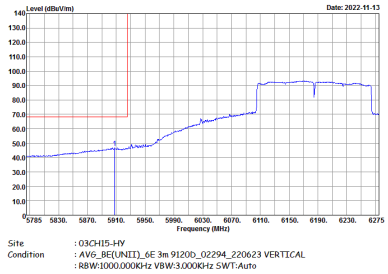
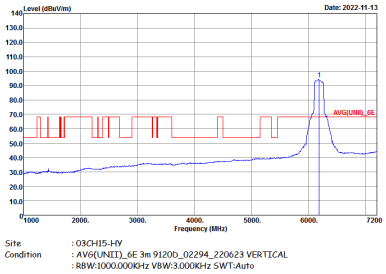
Band 5 5925~6425MHz

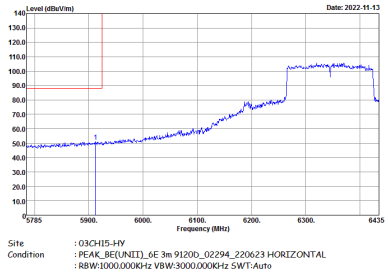
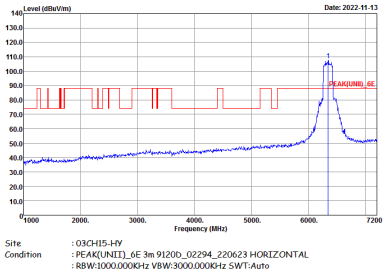
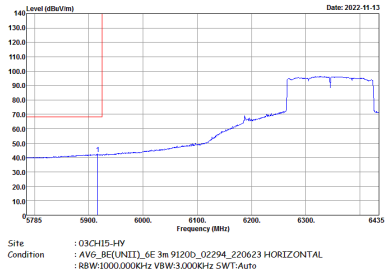
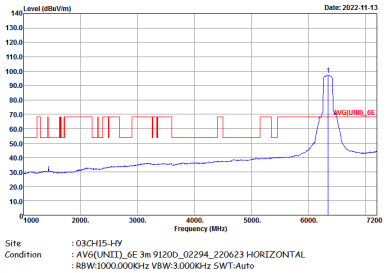
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

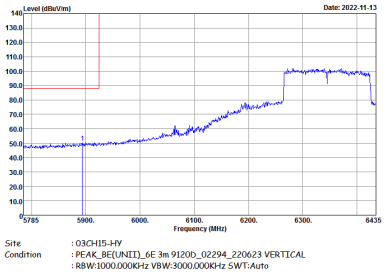
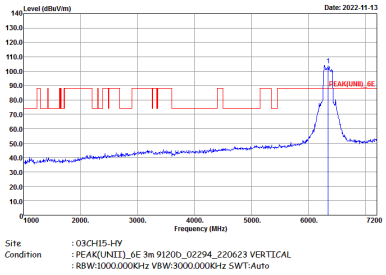
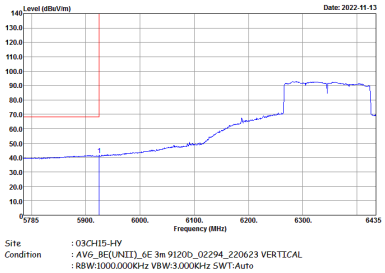
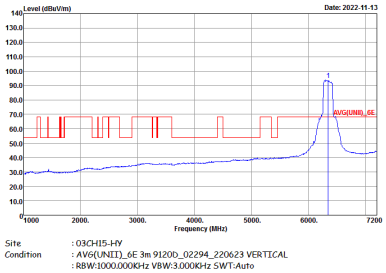
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
7+3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

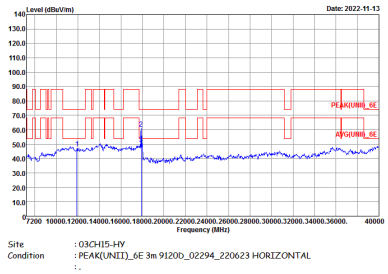
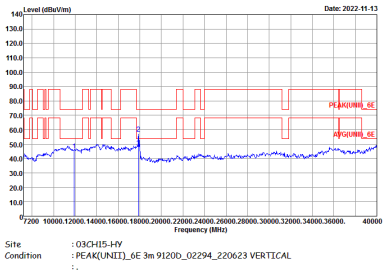
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
7+3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

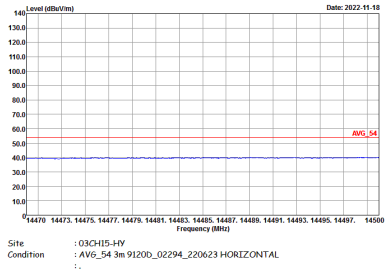
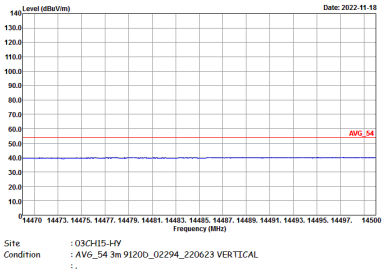
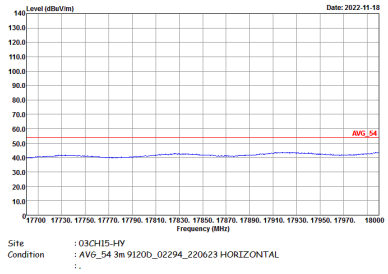
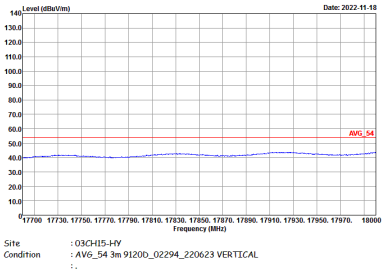
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
7+3	Horizontal	Fundamental
Peak		
Avg.		

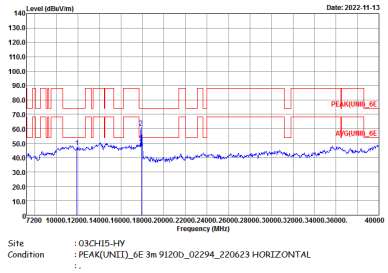
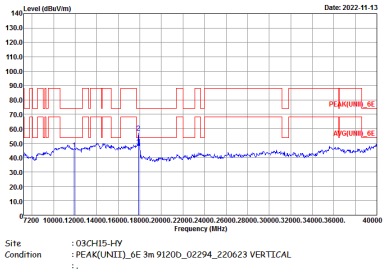
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
7+3	Vertical	Fundamental
Peak		
Avg.		

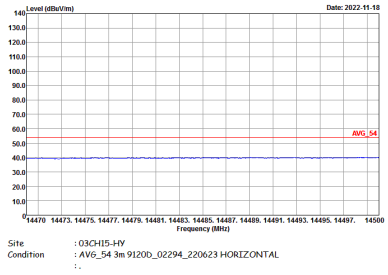
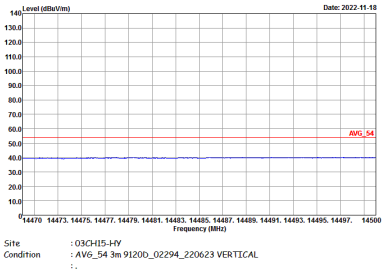
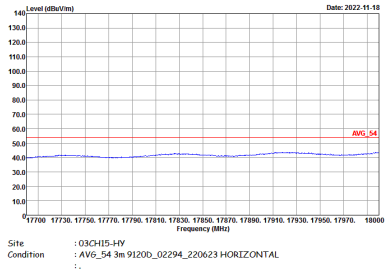
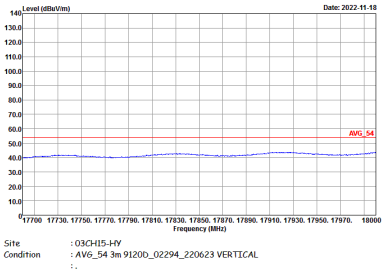
Band 5 - 5925~6425MHz

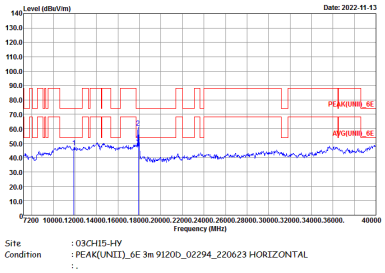
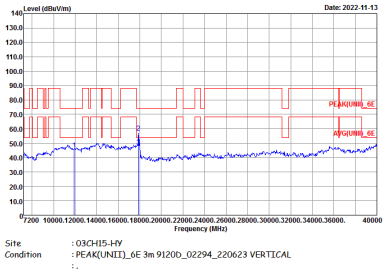
WIFI 802.11a (Harmonic @ 3m)

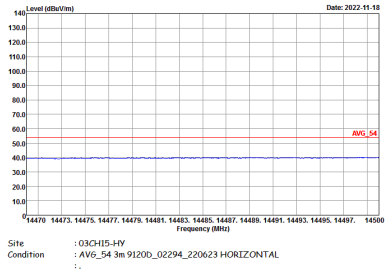
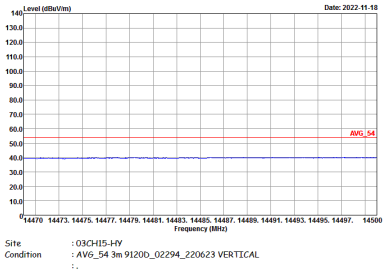
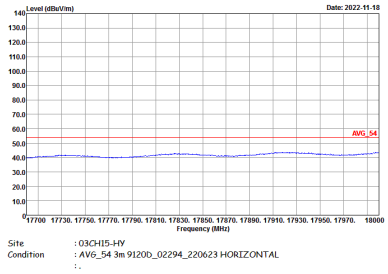
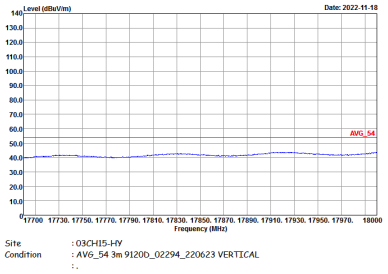
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
7+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
7+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 HORIZONTAL : .	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 VERTICAL : .
Avg.	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 HORIZONTAL : .	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 VERTICAL : .

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
7+3	Horizontal	Vertical
Peak Avg.		

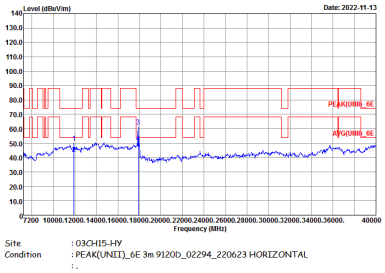
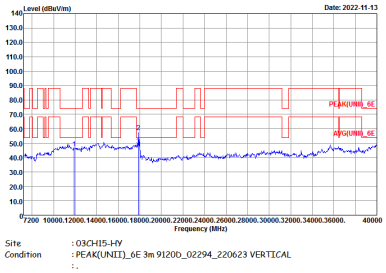
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
7+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 HORIZONTAL : .	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 VERTICAL : .
Avg.	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 HORIZONTAL : .	 Site : 03CH15-HY Condition : AV6_54 3m 9120D_02294_220623 VERTICAL : .

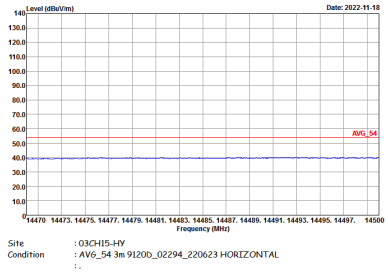
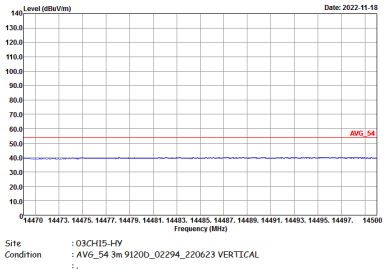
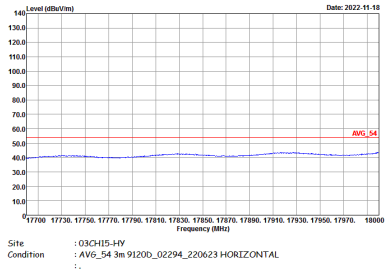
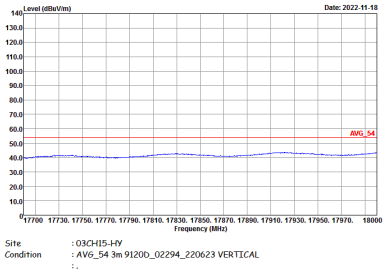
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
7+3	Horizontal	Vertical
Peak Avg.		

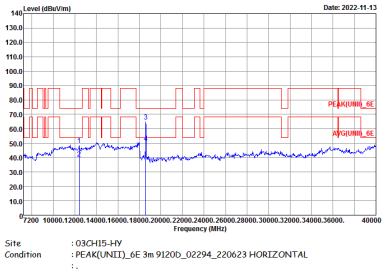
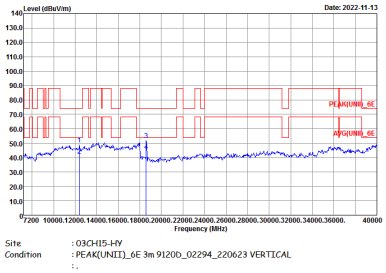
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

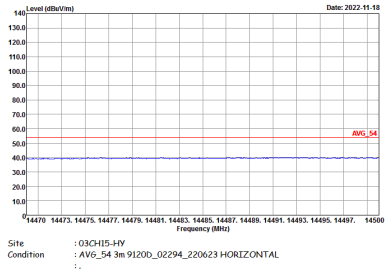
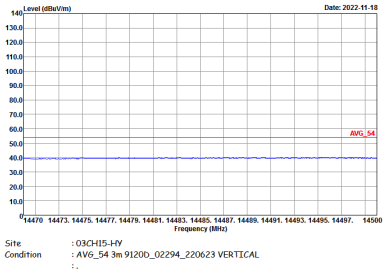
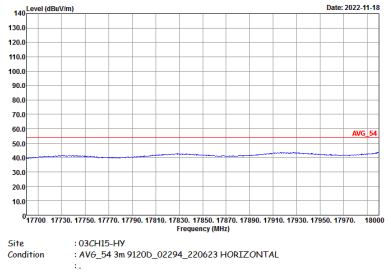
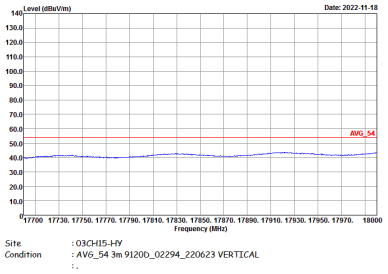
Band 5 5925~6425MHz

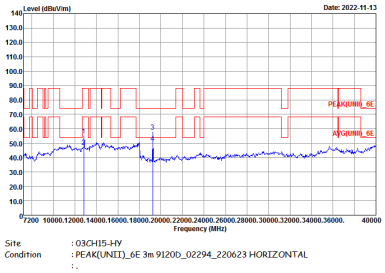
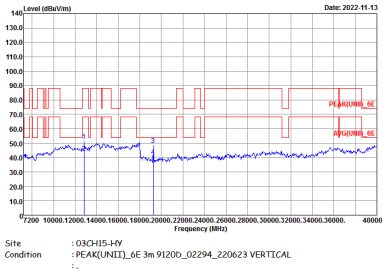
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

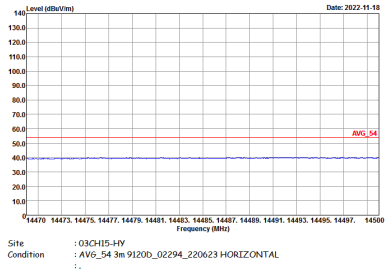
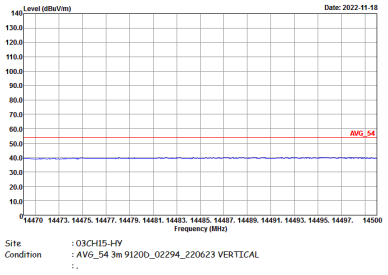
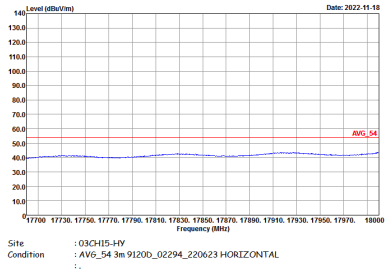
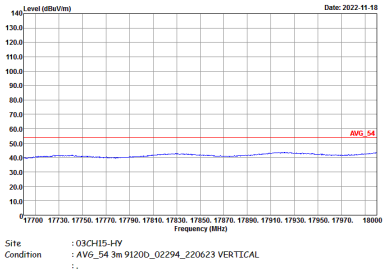
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
7+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
7+3	Horizontal	Vertical
Peak Avg.		

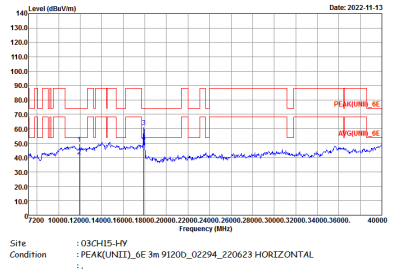
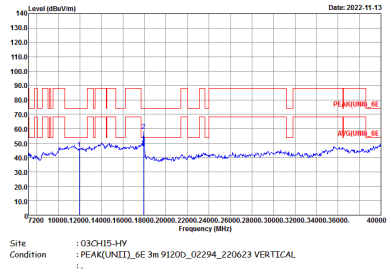
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

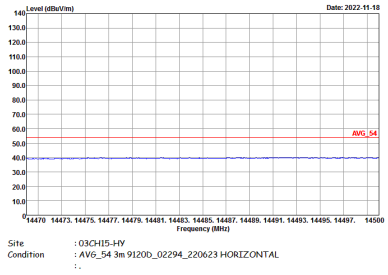
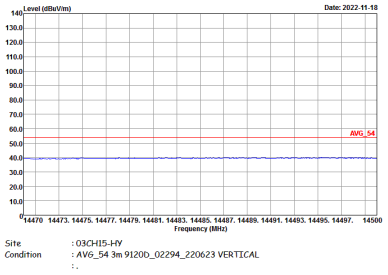
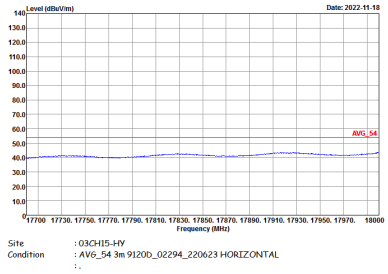
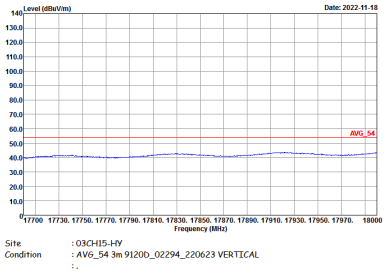
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
7+3	Horizontal	Vertical
Peak Avg.		

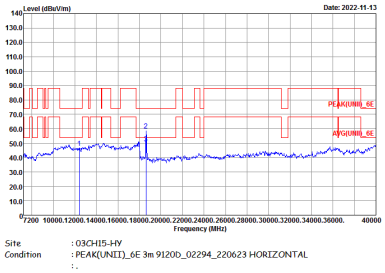
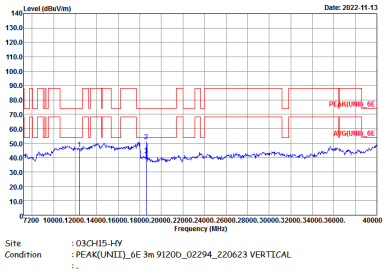
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

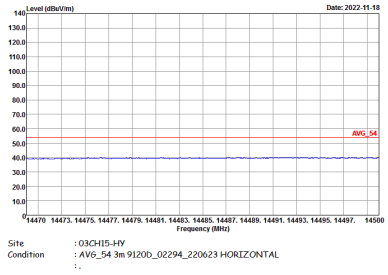
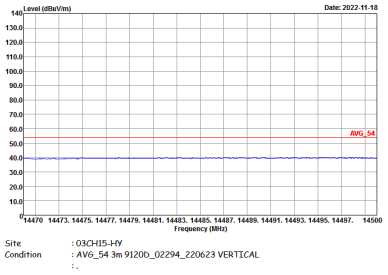
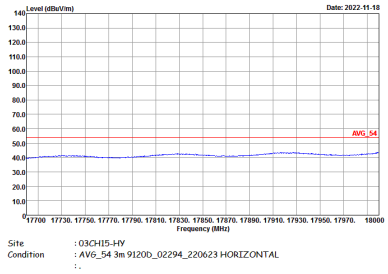
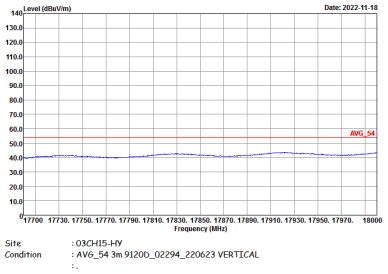
Band 5 5925~6425MHz

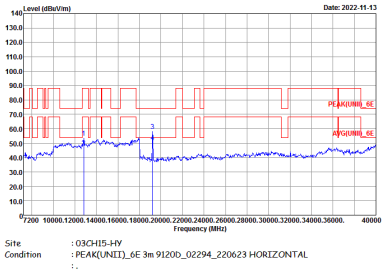
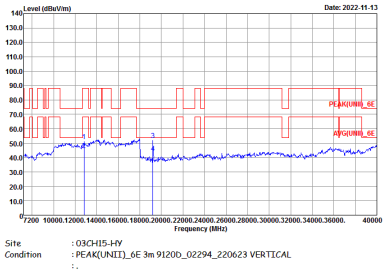
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

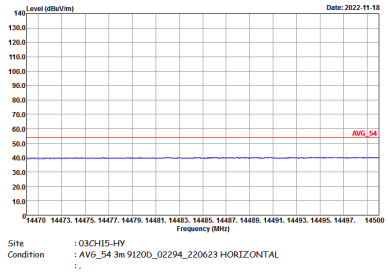
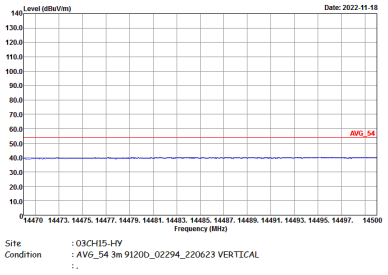
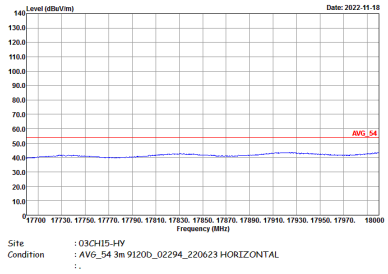
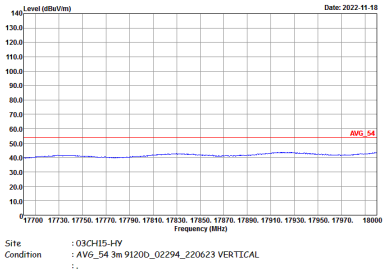
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
7+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
7+3	Horizontal	Vertical
Peak Avg.		

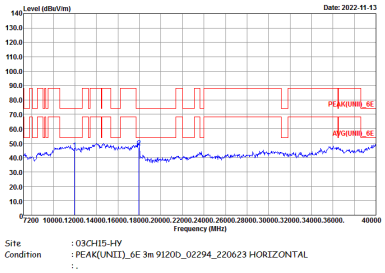
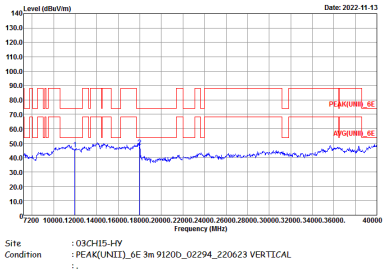
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

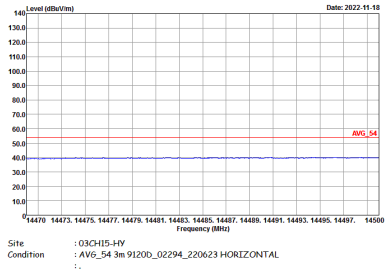
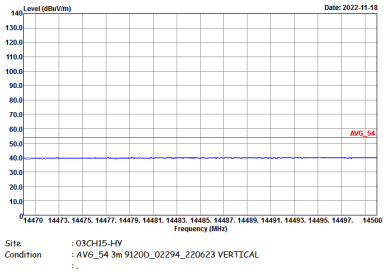
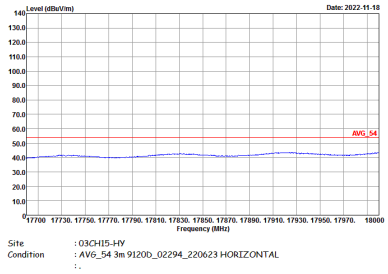
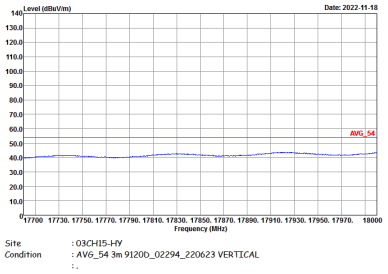
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
7+3	Horizontal	Vertical
Peak Avg.		

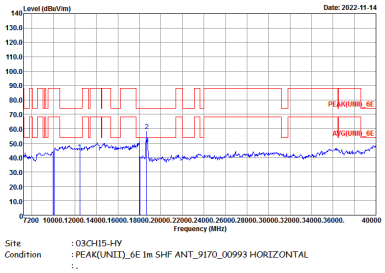
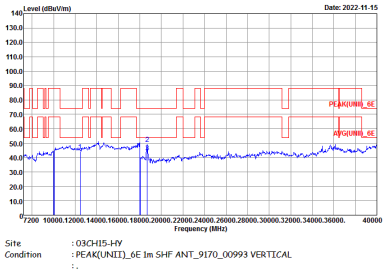
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

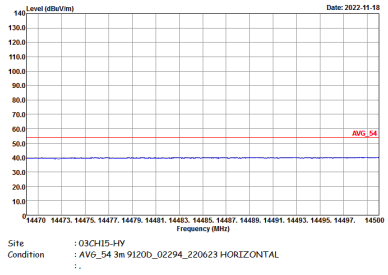
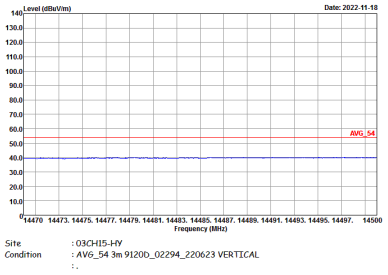
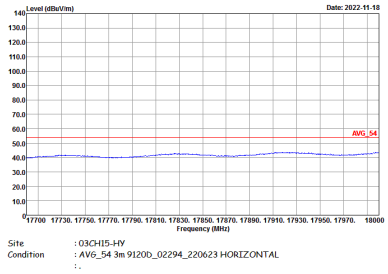
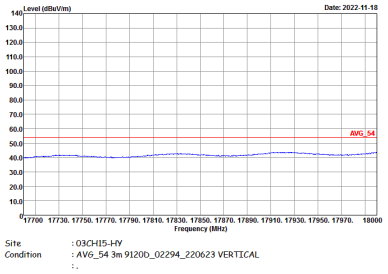
Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
7+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
7+3	Horizontal	Vertical
Peak Avg.		
Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
7+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL : .	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL : .

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

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