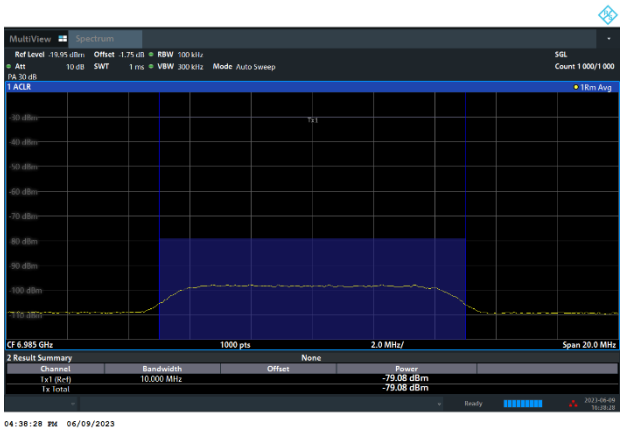
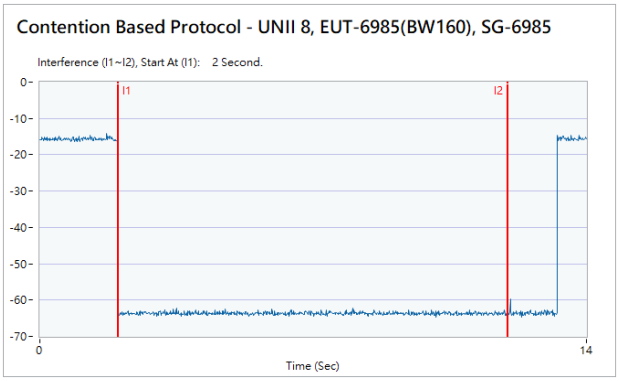
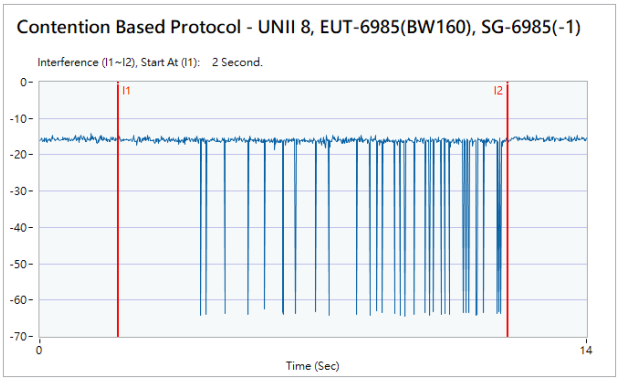
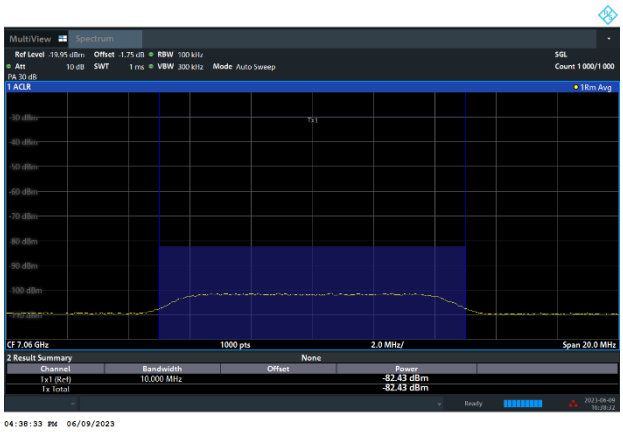
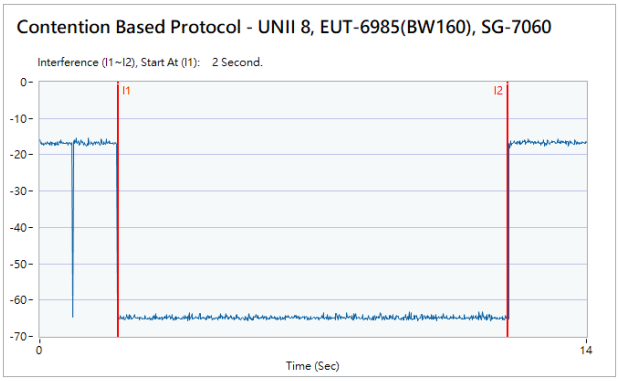
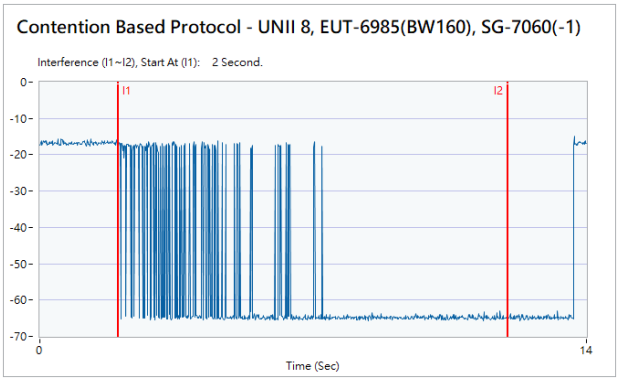
| Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference) | |
|---|---|
| 802.11be (EHT160) / 6985MHz (Middle)<br>Threshold Level (TL) = -79.08dBm | 802.11be (EHT160) / CH207 (Middle)<br>Test result is pass due to no transmission occur. |
|  |  |
| 802.11be (EHT160) / 6985MHz (Middle)<br>Threshold Level (TL) = -80.08dBm | 802.11be (EHT160) / CH207 (Middle)<br>Transmit when the interferer is 1dB lower. |
| |  |

| Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference) | |
|---|---|
| 802.11be (EHT160) / 7060MHz (Upper edge)<br>Threshold Level (TL) = -82.43dBm | 802.11be (EHT160) / CH207 (Upper edge)<br>Test result is pass due to no transmission occur. |
|  |  |
| 802.11be (EHT160) / 7060MHz (Upper edge)<br>Threshold Level (TL) = -83.43dBm | 802.11be (EHT160) / CH207 (Upper edge)<br>Transmit when the interferer is 1dB lower. |
| |  |

## 3.6 Unwanted Emissions Measurement

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

### 3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

### 3.6.2 Measuring Instruments

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

### 3.6.3 Test Procedures

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

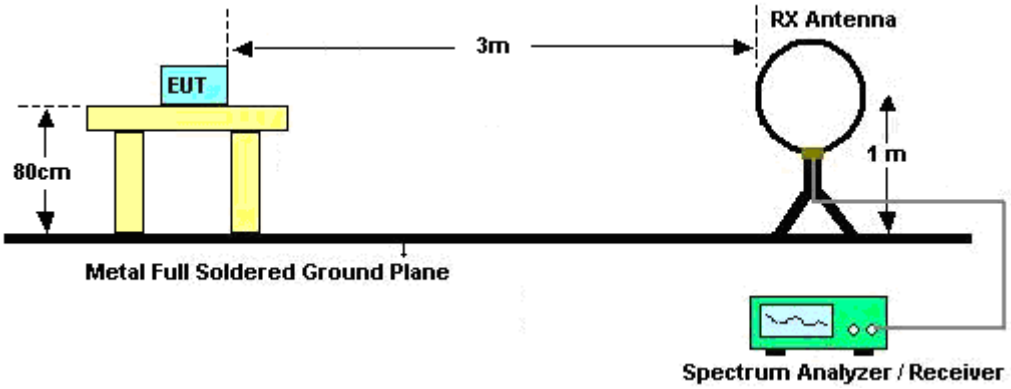
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

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

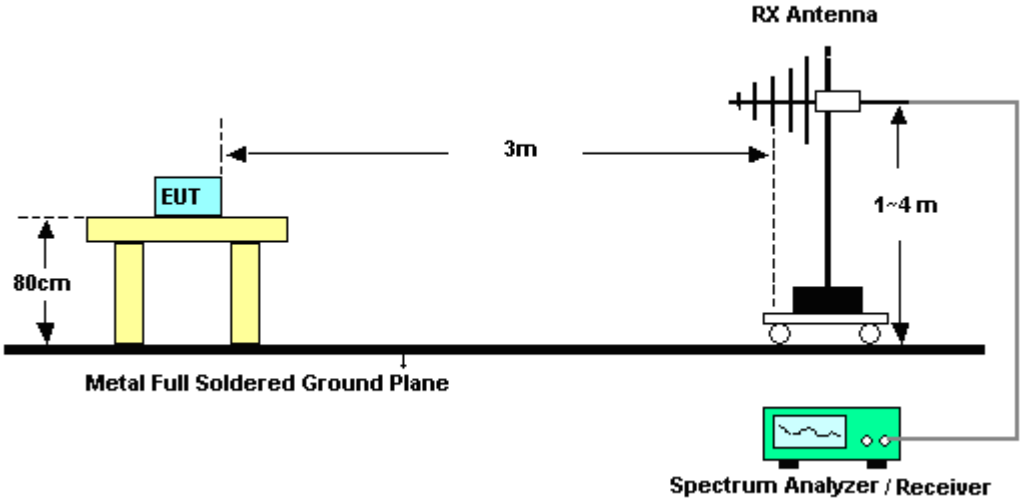
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting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

### 3.6.4 Test Setup

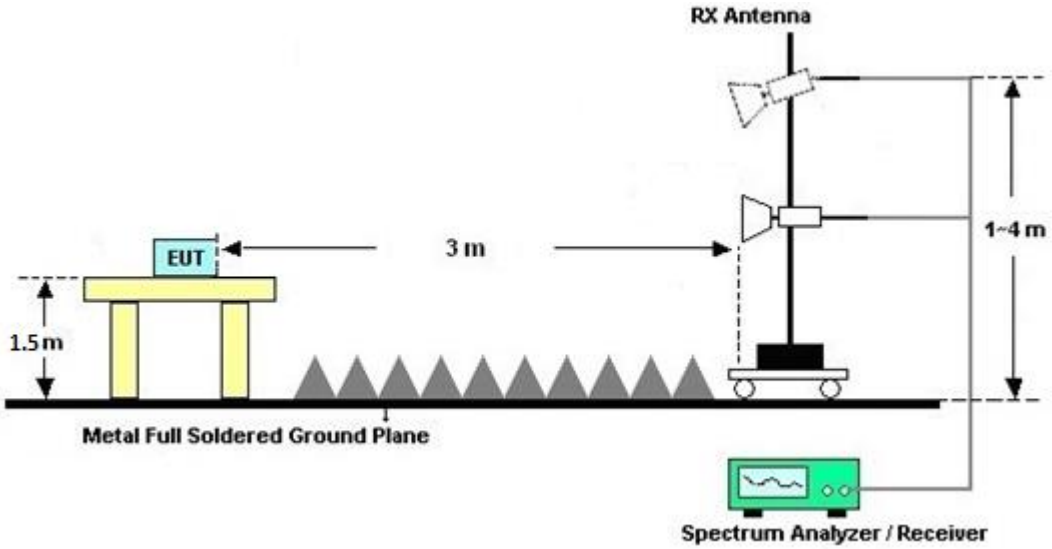
**For radiated emissions below 30MHz**



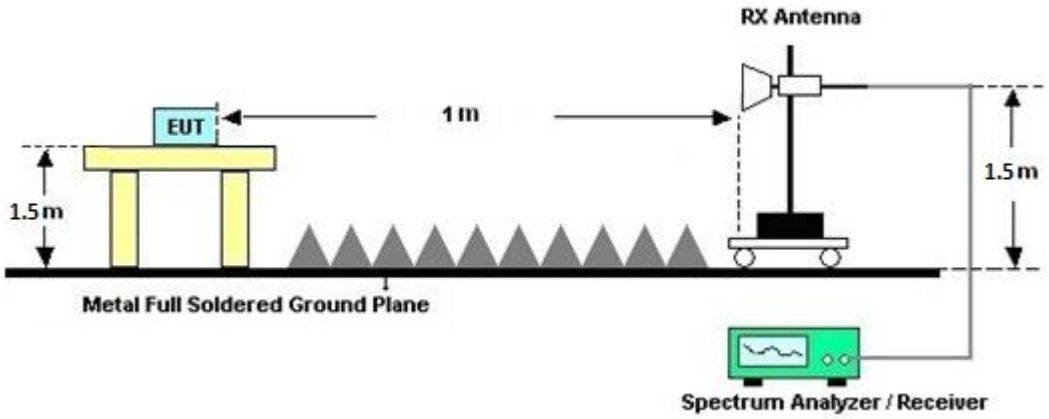

**For radiated emissions from 30MHz to 1GHz**




**For radiated test from 1GHz to 18GHz**



**For radiated test above 18GHz**




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

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

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

### 3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

# 3.7 AC Conducted Emission Measurement

## 3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

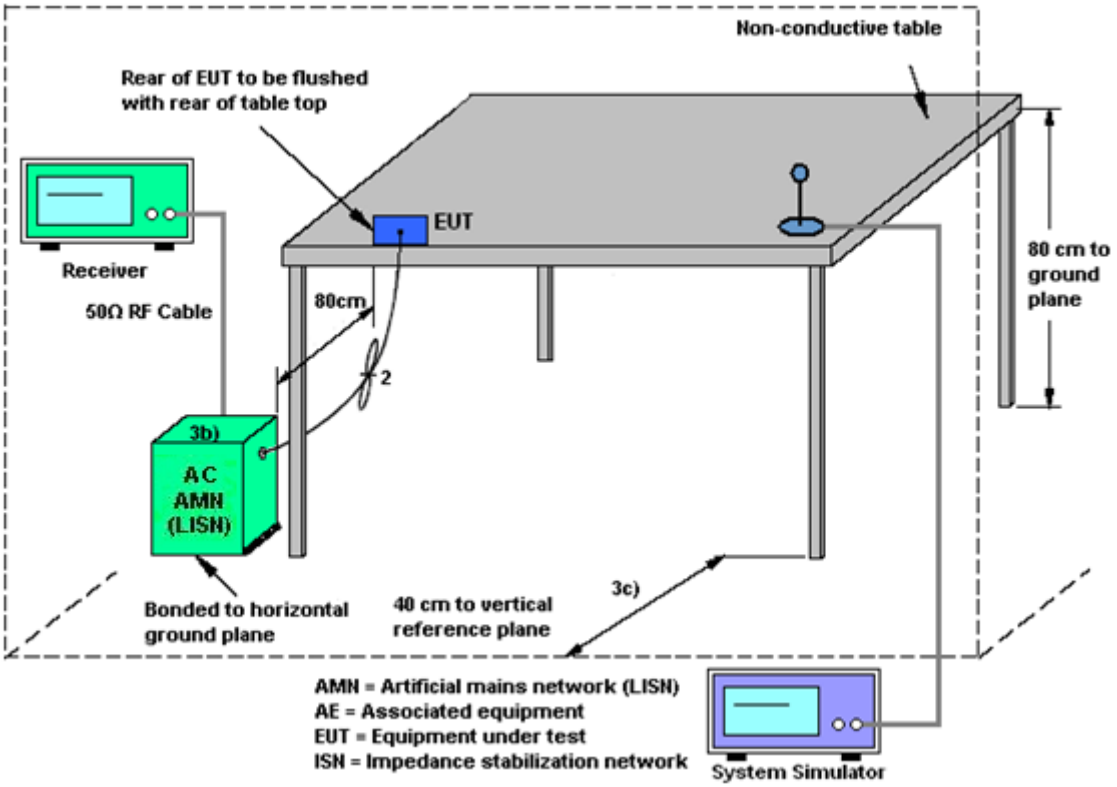
## 3.7.2 Measuring Instruments

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

## 3.7.3 Test Procedures

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

### 3.7.4 Test Setup




### 3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

# 3.8 Antenna Requirements

## 3.8.1 Standard Applicable

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

## 3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

# 4 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Loop Antenna | Rohde & Schwarz | HFH2-Z2 | 100488 | 9 kHz~30 MHz | Sep. 20, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Sep. 19, 2023 | Radiation (03CH15-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01N -06 | 41912 & 05 | 30MHz~1GHz | Feb. 05, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Feb. 04, 2024 | Radiation (03CH15-HY) |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-02294 | 1GHz~18GHz | Jun. 23, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Jun. 22, 2023 | Radiation (03CH15-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | 00993 | 18GHz~40GHz | Nov. 24, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Nov. 23, 2023 | Radiation (03CH15-HY) |
| Amplifier | SONOMA | 310N | 363440 | 9kHz~1GHz | Dec. 26, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Dec. 25, 2023 | Radiation (03CH15-HY) |
| Preamplifier | EMEC | EM01G18G | 060837 | 1GHz~18GHz | Feb. 16, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Feb. 15, 2024 | Radiation (03CH15-HY) |
| Preamplifier | EM Electronics | EM01G18G | 060802 | 1GHz~18GHz | Mar. 03, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Mar. 02, 2024 | Radiation (03CH15-HY) |
| Preamplifier | EMEC | EM18G40G | 060801 | 18GHz~40GHz | Jun. 28, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Jun. 27, 2023 | Radiation (03CH15-HY) |
| Spectrum Analyzer | Agilent | E4446A | MY50180136 | 3Hz~44GHz | May 11, 2022 | Apr. 09, 2023~ May 09, 2023 | May 10, 2023 | Radiation (03CH15-HY) |
| EMI Test Receiver | Keysight | N9038A(MXE) | MY54130085 | 20MHz~8.4GHz | Oct. 18, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Oct. 17, 2023 | Radiation (03CH15-HY |
| Spectrum Analyzer | Keysight | N9010A | MY54200485 | 10Hz~44GHz | Mar. 19, 2023 | May. 09, 2023~ Jun. 06, 2023 | Mar. 18, 2024 | Radiation (03CH15-HY) |
| Antenna Mast | ChainTek | MBS-520-1 | N/A | 1m~4m | N/A | Apr. 09, 2023~ Jun. 06, 2023 | N/A | Radiation (03CH15-HY) |
| Turn Table | ChainTek | T-200-S-1 | N/A | 0~360 Degree | N/A | Apr. 09, 2023~ Jun. 06, 2023 | N/A | Radiation (03CH15-HY) |
| Software | Audix | E3 6.2009-8-24(k5 ) | RK-000451 | N/A | N/A | Apr. 09, 2023~ Jun. 06, 2023 | N/A | Radiation (03CH15-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104, 102E | MY582185/4, MY9838/4PE, 519228/2 | 30MHz~18G | Jun. 21, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Jun. 20, 2023 | Radiation (03CH15-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 804011/2,804 012/2 | 30MHz-40GHz | Jan. 03, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Jan. 02, 2024 | Radiation (03CH15-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 803951/2 | 9kHz~30MHz | Mar. 07, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Mar. 06, 2024 | Radiation (03CH15-HY) |
| Filter | Wainwright | Wainwright | SN6 | 6.75GHz High Pass Filter | Jul. 08, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Jul. 07, 2023 | Radiation (03CH15-HY) |
| Filter | Wainwright | WHW2-7100-1 0000-18000-40 CC | SN2 | 10GHz High Pass Filter | Nov. 14, 2022 | Apr. 09, 2023~ Jun. 06, 2023 | Nov. 13, 2023 | Radiation (03CH15-HY) |
| Notch Filter | Wainwright | WRCQV14-54 25-5825-6525- 6925-60SS | SN1 | N/A | Jan. 07, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Jan. 06, 2024 | Radiation (03CH15-HY) |
| Notch Filter | Wainwright | WRCQV14-60 25-6425-7125- 7525-60SS | SN1 | N/A | Jan. 06, 2023 | Apr. 09, 2023~ Jun. 06, 2023 | Jan. 05, 2024 | Radiation (03CH15-HY) |
| AC Power Source | ChainTek | APC-1000W | N/A | N/A | N/A | Apr. 19, 2023 | N/A | Conduction (CO05-HY) |
| EMI Test Receiver | Rohde & Schwarz | ESR3 | 102388 | 9kHz~3.6GHz | Dec. 01, 2022 | Apr. 19, 2023 | Nov. 30, 2023 | Conduction (CO05-HY) |
| Hygrometer | Testo | 608-H1 | 34913912 | N/A | Nov. 17, 2022 | Apr. 19, 2023 | Nov. 16, 2023 | Conduction (CO05-HY) |
| LISN | Rohde & Schwarz | ENV216 | 100081 | 9kHz~30MHz | Nov. 17, 2022 | Apr. 19, 2023 | Nov. 16, 2023 | Conduction (CO05-HY) |
| Software | Rohde & Schwarz | EMC32 | N/A | N/A | N/A | Apr. 19, 2023 | N/A | Conduction (CO05-HY) |
| Pulse Limiter | SCHWARZBECK | VTSD 9561-F N | 00691 | N/A | Aug. 01, 2022 | Apr. 19, 2023 | Jul. 31, 2023 | Conduction (CO05-HY) |
| LISN Cable | MVE | RG-400 | 260260 | N/A | Dec. 29, 2022 | Apr. 19, 2023 | Dec. 28, 2023 | Conduction (CO05-HY) |

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Signal Generator (Interferer) | Anritsu | MG3710A | 6201502524 | 100KHz~6GHz | Oct. 12, 2022 | Jun. 09,2023 | Oct. 11, 2023 | CBP (DF02-HY) |
| Signal Generator (Interferer) | Rohde & Schwarz | SMW200A | 109425 | 100kHz~7.5GHz | Dec. 23, 2022 | Jun. 09,2023 | Dec. 22, 2023 | CBP (DF02-HY) |
| Spectrum Analyzer | Rohde & Schwarz | FSV3013 | 101549 | 10Hz~13.6GHz | Jan. 31, 2023 | Jun. 09,2023 | Jan. 30, 2024 | CBP (DF02-HY) |
| Switch Control Mainframe | EM | WMAD300328 SW18 | SW1110202 | 0.5GHz-18GHz | Calibration from System | Jun. 09,2023 | Calibration from System | CBP (DF02-HY) |
| Power Divider | Woken | 2Way Divider | DCMB1KW7A1 | 0.5GHz-18GHz | Calibration from System | Jun. 09,2023 | Calibration from System | CBP (DF02-HY) |
| Power Divider | Woken | 0120A04051801O | DCMB1CW3A7 | 0.5-18GHz | Calibration from System | Jun. 09,2023 | Calibration from System | CBP (DF02-HY) |
| Hygrometer | TECPEL | DTM-303A | TP201996 | N/A | Nov. 17. 2022 | Mar. 24, 2023~ Jun. 09, 2023 | Nov. 16, 2023 | Conducted (TH05-HY) |
| Power Sensor | DARE | RPR3008W | RPR8W-2101001 (NO:75) | 10MHz~8GHz | Aug. 29, 2022 | Mar. 24, 2023~ Jun. 09, 2023 | Aug. 28, 2023 | Conducted (TH05-HY) |
| Signal Analyzer | Rohde & Schwarz | FSV40 | 101905 | 10Hz - 40GHz(amp) | Aug. 03, 2022 | Mar. 24, 2023~ Jun. 09, 2023 | Aug. 02, 2023 | Conducted (TH05-HY) |

# 5 Measurement Uncertainty

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

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 3.5 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: | Junyu Jhou/Willy Chang | Temperature: | 21~25 | °C |
| Test Date: | 2023/03/24~2023/06/09 | 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 3 | Ant 4 | Ant 3 | Ant 4 | | |
| 11a | 6Mbps | 2 | 001 | 5955 | 17.03 | 17.18 | 21.96 | 21.90 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 049 | 6195 | 16.88 | 17.13 | 21.54 | 21.72 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 093 | 6415 | 16.98 | 17.28 | 21.84 | 21.72 | 320.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Table***

| U-NII-5 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 001 | 5955 | 0.27 | 0.27 | 7.10 | 8.10 | 10.64 | -2.70 | | 7.94 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 049 | 6195 | 0.27 | 0.27 | 7.10 | 7.60 | 10.37 | -2.70 | | 7.67 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 093 | 6415 | 0.27 | 0.27 | 7.40 | 8.30 | 10.88 | -2.70 | | 8.18 | 24.00 | 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 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 001 | 5955 | 0.27 | 0.27 | | | -1.28 | -0.27 | | -1.55 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 049 | 6195 | 0.27 | 0.27 | | | -1.34 | -0.27 | | -1.61 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 093 | 6415 | 0.27 | 0.27 | | | -0.95 | -0.27 | | -1.22 | -1.00 | Pass |

***TEST RESULTS DATA***
***26dB and 99% OBW***

| U-NII-6 MIMO | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| 11a | 6Mbps | 2 | 097 | 6435 | 16.98 | 17.13 | 21.72 | 21.72 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 105 | 6475 | 17.08 | 17.18 | 21.66 | 21.84 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 113 | 6515 | 16.98 | 17.18 | 21.90 | 21.96 | 320.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Table*

| U-NII-6 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 097 | 6435 | 0.27 | 0.27 | 8.40 | 9.30 | 11.88 | -3.70 | | 8.18 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 105 | 6475 | 0.27 | 0.27 | 8.30 | 9.40 | 11.90 | -3.70 | | 8.20 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 113 | 6515 | 0.27 | 0.27 | 8.50 | 9.60 | 12.10 | -3.70 | | 8.40 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-6 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 097 | 6435 | 0.27 | 0.27 | | | 0.19 | -1.72 | | -1.53 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 105 | 6475 | 0.27 | 0.27 | | | 0.17 | -1.72 | | -1.55 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 113 | 6515 | 0.27 | 0.27 | | | 0.28 | -1.72 | | -1.44 | -1.00 | Pass |

***TEST RESULTS DATA***
***26dB and 99% OBW***

| U-NII-7 MIMO | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| 11a | 6Mbps | 2 | 117 | 6535 | 16.93 | 17.18 | 21.78 | 21.90 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 149 | 6695 | 16.98 | 17.13 | 21.72 | 21.84 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 181 | 6855 | 16.93 | 17.13 | 21.72 | 21.78 | 320.00 | Pass |
| U-NII-7 straddle channel MIMO | | | | | | | | | | |
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| 11a | 6Mbps | 2 | 185 | 6875 | 16.83 | 17.08 | 21.54 | 21.96 | 320.00 | Pass |

***TEST RESULTS DATA***
***EIRP Power Table***

| U-NII-7 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 117 | 6535 | 0.27 | 0.27 | 9.10 | 10.30 | 12.75 | -4.70 | | 8.05 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 149 | 6695 | 0.27 | 0.27 | 9.50 | 10.60 | 13.10 | -4.70 | | 8.40 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 181 | 6855 | 0.27 | 0.27 | 10.20 | 9.70 | 12.97 | -4.70 | | 8.27 | 24.00 | Pass |

| U-NII-7 straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 185 | 6875 | 0.27 | 0.27 | 10.30 | 9.50 | 12.93 | -4.70 | | 8.23 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-7 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 117 | 6535 | 0.27 | 0.27 | | | 1.21 | -3.18 | | -1.98 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 149 | 6695 | 0.27 | 0.27 | | | 1.36 | -3.18 | | -1.82 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 181 | 6855 | 0.27 | 0.27 | | | 1.23 | -3.18 | | -1.96 | -1.00 | Pass |

| FCC U-NII-7 straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 185 | 6875 | 0.27 | 0.27 | | | 0.83 | -3.18 | | -2.36 | -1.00 | Pass |

***TEST RESULTS DATA***
***26dB EBW and 99% OBW***

| U-NII-8 MIMO | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| 11a | 6Mbps | 2 | 189 | 6895 | 16.98 | 17.13 | 21.54 | 21.72 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 209 | 6995 | 16.88 | 16.98 | 21.24 | 21.54 | 320.00 | Pass |
| 11a | 6Mbps | 2 | 229 | 7095 | 16.98 | 17.08 | 21.78 | 21.78 | 320.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Table***

| U-NII-8 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 189 | 6895 | 0.27 | 0.27 | 8.90 | 9.30 | 12.11 | -5.80 | | 6.31 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 209 | 6995 | 0.27 | 0.27 | 8.50 | 9.40 | 11.98 | -5.80 | | 6.18 | 24.00 | Pass |
| 11a | 6Mbps | 2 | 229 | 7095 | 0.27 | 0.27 | 8.60 | 9.30 | 11.97 | -5.80 | | 6.17 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-8 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| 11a | 6Mbps | 2 | 189 | 6895 | 0.27 | 0.27 | | | 0.37 | -3.23 | | -2.86 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 209 | 6995 | 0.27 | 0.27 | | | 0.37 | -3.23 | | -2.86 | -1.00 | Pass |
| 11a | 6Mbps | 2 | 229 | 7095 | 0.27 | 0.27 | | | 0.21 | -3.23 | | -3.02 | -1.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Table***

| U-NII-5 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE20 | MCS0 | 2 | 001 | 5955 | Full | 0.40 | 0.44 | 7.60 | 8.70 | 11.20 | -2.70 | | 8.50 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 049 | 6195 | Full | 0.40 | 0.44 | 7.70 | 8.20 | 10.97 | -2.70 | | 8.27 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 093 | 6415 | Full | 0.40 | 0.44 | 7.80 | 8.60 | 11.23 | -2.70 | | 8.53 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 003 | 5965 | Full | 0.52 | 0.52 | 10.90 | 11.60 | 14.27 | -2.70 | | 11.57 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 051 | 6205 | Full | 0.52 | 0.52 | 10.80 | 10.70 | 13.76 | -2.70 | | 11.06 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 091 | 6405 | Full | 0.52 | 0.52 | 10.90 | 10.90 | 13.91 | -2.70 | | 11.21 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 007 | 5985 | Full | 0.42 | 0.42 | 13.80 | 14.40 | 17.12 | -2.70 | | 14.42 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 055 | 6225 | Full | 0.42 | 0.42 | 13.30 | 13.50 | 16.41 | -2.70 | | 13.71 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 087 | 6385 | Full | 0.42 | 0.42 | 13.50 | 13.90 | 16.71 | -2.70 | | 14.01 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 015 | 6025 | Full | 0.66 | 0.66 | 16.70 | 17.10 | 19.91 | -2.70 | | 17.21 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 047 | 6185 | Full | 0.66 | 0.66 | 16.60 | 16.90 | 19.76 | -2.70 | | 17.06 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 079 | 6345 | Full | 0.66 | 0.66 | 16.50 | 16.50 | 19.51 | -2.70 | | 16.81 | 24.00 | Pass |

***TEST RESULTS DATA***
***EIRP Power Table***

| U-NII-6 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE20 | MCS0 | 2 | 097 | 6435 | Full | 0.40 | 0.44 | 8.70 | 9.60 | 12.18 | -3.70 | | 8.48 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 105 | 6475 | Full | 0.40 | 0.44 | 8.80 | 9.70 | 12.28 | -3.70 | | 8.58 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 113 | 6515 | Full | 0.40 | 0.44 | 8.80 | 9.90 | 12.40 | -3.70 | | 8.70 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 099 | 6445 | Full | 0.52 | 0.52 | 11.60 | 12.50 | 15.08 | -3.70 | | 11.38 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 107 | 6485 | Full | 0.52 | 0.52 | 11.80 | 12.60 | 15.23 | -3.70 | | 11.53 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 103 | 6465 | Full | 0.42 | 0.42 | 14.60 | 15.40 | 18.03 | -3.70 | | 14.33 | 24.00 | Pass |

| U-NII-6 straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE40 | MCS0 | 2 | 115 | 6525 | Full | 0.52 | 0.52 | 11.60 | 12.70 | 15.20 | -3.70 | | 11.50 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 119 | 6545 | Full | 0.42 | 0.42 | 14.20 | 15.10 | 17.68 | -3.70 | | 13.98 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 111 | 6505 | Full | 0.66 | 0.66 | 17.50 | 18.40 | 20.98 | -3.70 | | 17.28 | 24.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Table***

| U-NII-7 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE20 | MCS0 | 2 | 117 | 6535 | Full | 0.40 | 0.44 | 9.70 | 10.80 | 13.30 | -4.70 | | 8.60 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 149 | 6695 | Full | 0.40 | 0.44 | 10.10 | 10.90 | 13.53 | -4.70 | | 8.83 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 181 | 6855 | Full | 0.40 | 0.44 | 11.10 | 10.20 | 13.68 | -4.70 | | 8.98 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 123 | 6565 | Full | 0.52 | 0.52 | 12.60 | 13.30 | 15.97 | -4.70 | | 11.27 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 147 | 6685 | Full | 0.52 | 0.52 | 12.80 | 13.50 | 16.17 | -4.70 | | 11.47 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 179 | 6845 | Full | 0.52 | 0.52 | 13.60 | 13.30 | 16.46 | -4.70 | | 11.76 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 135 | 6625 | Full | 0.42 | 0.42 | 15.60 | 16.10 | 18.87 | -4.70 | | 14.17 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 151 | 6705 | Full | 0.42 | 0.42 | 15.70 | 16.40 | 19.07 | -4.70 | | 14.37 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 167 | 6785 | Full | 0.42 | 0.42 | 15.60 | 16.00 | 18.81 | -4.70 | | 14.11 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 143 | 6665 | Full | 0.66 | 0.66 | 19.00 | 19.30 | 22.16 | -4.70 | | 17.46 | 24.00 | Pass |

| U-NII-7 straddle channel MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE20 | MCS0 | 2 | 185 | 6875 | Full | 0.40 | 0.44 | 10.60 | 9.80 | 13.23 | -4.70 | | 8.53 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 187 | 6885 | Full | 0.52 | 0.52 | 13.30 | 12.80 | 16.07 | -4.70 | | 11.37 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 183 | 6865 | Full | 0.42 | 0.42 | 15.60 | 15.50 | 18.56 | -4.70 | | 13.86 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 175 | 6825 | Full | 0.66 | 0.66 | 18.70 | 18.50 | 21.61 | -4.70 | | 16.91 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Table*

| U-NII-8 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| HE20 | MCS0 | 2 | 189 | 6895 | Full | 0.40 | 0.44 | 9.30 | 9.70 | 12.51 | -5.80 | | 6.71 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 209 | 6995 | Full | 0.40 | 0.44 | 8.90 | 9.70 | 12.33 | -5.80 | | 6.53 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 229 | 7095 | Full | 0.40 | 0.44 | 8.90 | 9.80 | 12.38 | -5.80 | | 6.58 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 195 | 6925 | Full | 0.52 | 0.52 | 12.20 | 12.60 | 15.41 | -5.80 | | 9.61 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 211 | 7005 | Full | 0.52 | 0.52 | 11.50 | 12.50 | 15.04 | -5.80 | | 9.24 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 227 | 7085 | Full | 0.52 | 0.52 | 12.00 | 12.80 | 15.43 | -5.80 | | 9.63 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 199 | 6945 | Full | 0.42 | 0.42 | 15.00 | 15.40 | 18.21 | -5.80 | | 12.41 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 215 | 7025 | Full | 0.42 | 0.42 | 14.20 | 15.00 | 17.63 | -5.80 | | 11.83 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 207 | 6985 | Full | 0.66 | 0.66 | 17.90 | 17.90 | 20.91 | -5.80 | | 15.11 | 24.00 | 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 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT20 | MCS0 | 2 | 001 | 5955 | Full | 19.13 | 19.13 | 21.84 | 21.72 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | Full | 19.13 | 19.18 | 21.72 | 21.84 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | Full | 19.13 | 19.13 | 21.78 | 22.08 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 003 | 5965 | Full | 37.86 | 37.96 | 39.96 | 40.08 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 051 | 6205 | Full | 37.76 | 37.96 | 40.20 | 40.32 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 091 | 6405 | Full | 37.86 | 37.86 | 40.20 | 40.08 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 007 | 5985 | Full | 77.32 | 77.08 | 82.32 | 82.56 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | Full | 77.20 | 77.20 | 82.80 | 81.84 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 087 | 6385 | Full | 77.20 | 77.20 | 82.32 | 82.80 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | Full | 157.28 | 157.28 | 166.56 | 166.56 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | Full | 157.04 | 157.28 | 168.48 | 167.04 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | Full | 157.52 | 157.28 | 167.52 | 166.56 | 320.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Table*

| U-NII-5 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 001 | 5955 | Full | 0.40 | 0.36 | 7.80 | 8.90 | 11.40 | -2.70 | | 8.70 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 26/0 | 0.50 | 0.48 | -0.60 | -1.50 | 1.98 | -2.70 | | -0.72 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 52/37 | 0.52 | 0.53 | 1.30 | 0.50 | 3.93 | -2.70 | | 1.23 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 106/53 | 0.58 | 0.59 | 4.10 | 3.20 | 6.68 | -2.70 | | 3.98 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 52T+26T/70 | 0.26 | 0.24 | 3.40 | 2.70 | 6.07 | -2.70 | | 3.37 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 106T+26T/82 | 0.40 | 0.40 | 5.20 | 4.80 | 8.01 | -2.70 | | 5.31 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | Full | 0.40 | 0.36 | 7.80 | 8.40 | 11.12 | -2.70 | | 8.42 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 26/4 | 0.50 | 0.48 | -0.10 | -0.40 | 2.76 | -2.70 | | 0.06 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 52/38 | 0.52 | 0.53 | 1.30 | 0.30 | 3.84 | -2.70 | | 1.14 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 106/53 | 0.58 | 0.59 | 3.20 | 2.80 | 6.01 | -2.70 | | 3.31 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 52T+26T/71 | 0.26 | 0.24 | 3.60 | 2.70 | 6.18 | -2.70 | | 3.48 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 106T+26T/83 | 0.40 | 0.40 | 5.40 | 5.00 | 8.21 | -2.70 | | 5.51 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | Full | 0.40 | 0.36 | 7.80 | 8.70 | 11.28 | -2.70 | | 8.58 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 26/8 | 0.40 | 0.50 | -2.50 | -3.10 | 0.22 | -2.70 | | -2.48 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 52/40 | 0.40 | 0.52 | 0.90 | 0.00 | 3.48 | -2.70 | | 0.78 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 106/54 | 0.40 | 0.58 | 2.50 | 2.40 | 5.46 | -2.70 | | 2.76 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 52T+26T/72 | 0.26 | 0.24 | 2.80 | 2.20 | 5.52 | -2.70 | | 2.82 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 106T+26T/83 | 0.40 | 0.40 | 4.90 | 6.20 | 8.61 | -2.70 | | 5.91 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 003 | 5965 | Full | 0.52 | 0.51 | 10.90 | 11.70 | 14.33 | -2.70 | | 11.63 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 051 | 6205 | Full | 0.52 | 0.51 | 10.70 | 10.90 | 13.81 | -2.70 | | 11.11 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 091 | 6405 | Full | 0.52 | 0.51 | 10.80 | 11.10 | 13.96 | -2.70 | | 11.26 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 007 | 5985 | Full | 0.46 | 0.42 | 13.80 | 14.60 | 17.23 | -2.70 | | 14.53 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 007 | 5985 | 20/8 | 0.32 | 0.32 | 12.20 | 0.00 | 15.68 | -2.70 | | 12.98 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | Full | 0.46 | 0.42 | 13.40 | 13.60 | 16.51 | -2.70 | | 13.81 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | 20/4 | 0.32 | 0.32 | 12.40 | 12.90 | 15.67 | -2.70 | | 12.97 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | 20/2 | 0.32 | 0.32 | 12.30 | 12.80 | 15.57 | -2.70 | | 12.87 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 087 | 6385 | Full | 0.46 | 0.42 | 13.60 | 13.90 | 16.76 | -2.70 | | 14.06 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 087 | 6385 | 20/1 | 0.32 | 0.32 | 12.00 | 12.50 | 15.27 | -2.70 | | 12.57 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | Full | 0.64 | 0.64 | 16.70 | 17.20 | 19.97 | -2.70 | | 17.27 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | 40/192 | 0.49 | 0.49 | 15.80 | 16.40 | 19.12 | -2.70 | | 16.42 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | 20/128 | 0.59 | 0.56 | 16.10 | 16.80 | 19.47 | -2.70 | | 16.77 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | Full | 0.64 | 0.64 | 16.60 | 17.00 | 19.81 | -2.70 | | 17.11 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | 40/48 | 0.49 | 0.49 | 15.50 | 16.40 | 18.98 | -2.70 | | 16.28 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | 20/16 | 0.59 | 0.56 | 16.10 | 16.80 | 19.47 | -2.70 | | 16.77 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | Full | 0.64 | 0.64 | 16.80 | 16.80 | 19.81 | -2.70 | | 17.11 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | 40/3 | 0.49 | 0.49 | 16.00 | 16.20 | 19.11 | -2.70 | | 16.41 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | 20/1 | 0.59 | 0.56 | 16.50 | 16.70 | 19.61 | -2.70 | | 16.91 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-5 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 001 | 5955 | Full | 0.40 | 0.36 | | | -1.15 | -0.27 | | -1.41 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 26/0 | 0.50 | 0.48 | | | -1.22 | -0.27 | | -1.48 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 52/37 | 0.52 | 0.53 | | | -1.22 | -0.27 | | -1.49 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 106/53 | 0.58 | 0.59 | | | -1.21 | -0.27 | | -1.48 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 52T+26T/70 | 0.26 | 0.24 | | | -1.22 | -0.27 | | -1.49 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 001 | 5955 | 106T+26T/82 | 0.40 | 0.40 | | | -1.53 | -0.27 | | -1.79 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | Full | 0.40 | 0.36 | | | -1.17 | -0.27 | | -1.44 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 26/4 | 0.50 | 0.48 | | | -1.58 | -0.27 | | -1.84 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 52/38 | 0.52 | 0.53 | | | -1.22 | -0.27 | | -1.49 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 106/53 | 0.58 | 0.59 | | | -1.29 | -0.27 | | -1.56 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 52T+26T/71 | 0.26 | 0.24 | | | -1.19 | -0.27 | | -1.46 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 049 | 6195 | 106T+26T/83 | 0.40 | 0.40 | | | -1.51 | -0.27 | | -1.78 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | Full | 0.40 | 0.36 | | | -1.08 | -0.27 | | -1.35 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 26/8 | 0.50 | 0.48 | | | -1.35 | -0.27 | | -1.62 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 52/40 | 0.52 | 0.53 | | | -1.37 | -0.27 | | -1.63 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 106/54 | 0.58 | 0.59 | | | -1.43 | -0.27 | | -1.69 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 52T+26T/72 | 0.26 | 0.24 | | | -1.58 | -0.27 | | -1.85 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 093 | 6415 | 106T+26T/83 | 0.40 | 0.40 | | | -1.51 | -0.27 | | -1.78 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 003 | 5965 | Full | 0.52 | 0.51 | | | -0.99 | -0.27 | | -1.26 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 051 | 6205 | Full | 0.52 | 0.51 | | | -1.16 | -0.27 | | -1.43 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 091 | 6405 | Full | 0.52 | 0.51 | | | -0.99 | -0.27 | | -1.26 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 007 | 5985 | Full | 0.46 | 0.42 | | | -0.95 | -0.27 | | -1.21 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 007 | 5985 | 20/8 | 0.32 | 0.32 | | | -1.35 | -0.27 | | -1.62 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | Full | 0.46 | 0.42 | | | -1.29 | -0.27 | | -1.56 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | 20/4 | 0.32 | 0.32 | | | -1.34 | -0.27 | | -1.61 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 055 | 6225 | 20/2 | 0.32 | 0.32 | | | -1.48 | -0.27 | | -1.74 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 087 | 6385 | Full | 0.46 | 0.42 | | | -1.19 | -0.27 | | -1.46 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 087 | 6385 | 20/1 | 0.32 | 0.32 | | | -1.34 | -0.27 | | -1.61 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | Full | 0.64 | 0.64 | | | -0.88 | -0.27 | | -1.15 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | 40/192 | 0.49 | 0.49 | | | -1.09 | -0.27 | | -1.36 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 015 | 6025 | 20/128 | 0.59 | 0.56 | | | -1.29 | -0.27 | | -1.56 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | Full | 0.64 | 0.64 | | | -1.00 | -0.27 | | -1.27 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | 40/48 | 0.49 | 0.49 | | | -1.15 | -0.27 | | -1.41 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 047 | 6185 | 20/16 | 0.59 | 0.56 | | | -1.31 | -0.27 | | -1.57 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | Full | 0.64 | 0.64 | | | -0.86 | -0.27 | | -1.13 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | 40/3 | 0.49 | 0.49 | | | -0.92 | -0.27 | | -1.19 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 079 | 6345 | 20/1 | 0.59 | 0.56 | | | -0.96 | -0.27 | | -1.22 | -1.00 | Pass |

## ***TEST RESULTS DATA***
## ***26dB and 99% OBW***

| U-NII-6 MIMO | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT20 | MCS0 | 2 | 097 | 6435 | Full | 19.18 | 19.13 | 21.72 | 21.96 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | Full | 19.18 | 19.18 | 21.78 | 21.96 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | Full | 19.13 | 19.18 | 21.72 | 21.90 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 099 | 6445 | Full | 37.86 | 37.96 | 40.08 | 40.20 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 107 | 6485 | Full | 37.86 | 37.86 | 40.32 | 40.08 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 103 | 6465 | Full | 77.20 | 77.32 | 82.32 | 82.80 | 320.00 | Pass |

| U-NII-6 straddle channel MIMO | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT40 | MCS0 | 2 | 115 | 6525 | Full | 37.96 | 37.86 | 39.96 | 40.32 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 119 | 6545 | Full | 77.20 | 77.32 | 82.56 | 82.56 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | Full | 157.52 | 157.52 | 168.48 | 167.07 | 320.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Table***

| U-NII-6 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 097 | 6435 | Full | 0.40 | 0.36 | 8.80 | 9.70 | 12.28 | -3.70 | | 8.58 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 26/0 | 0.50 | 0.48 | 0.10 | -0.70 | 2.73 | -3.70 | | -0.97 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 52/37 | 0.52 | 0.53 | 2.30 | 1.80 | 5.07 | -3.70 | | 1.37 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 106/53 | 0.58 | 0.59 | 3.50 | 2.80 | 6.17 | -3.70 | | 2.47 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | T+26T/ | 0.26 | 0.24 | 2.10 | 2.50 | 5.31 | -3.70 | | 1.61 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 6T+26T | 0.40 | 0.40 | 5.60 | 0.00 | 9.20 | -3.70 | | 5.50 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | Full | 0.40 | 0.36 | 8.90 | 9.80 | 12.38 | -3.70 | | 8.68 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 26/4 | 0.50 | 0.48 | 0.00 | -0.10 | 2.96 | -3.70 | | -0.74 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 52/38 | 0.52 | 0.53 | 2.20 | 1.90 | 5.06 | -3.70 | | 1.36 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 106/53 | 0.58 | 0.59 | 3.20 | 2.90 | 6.06 | -3.70 | | 2.36 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | T+26T/ | 0.26 | 0.24 | 2.30 | 2.80 | 5.57 | -3.70 | | 1.87 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 6T+26T | 0.40 | 0.40 | 5.90 | 0.00 | 9.44 | -3.70 | | 5.74 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | Full | 0.40 | 0.36 | 8.90 | 10.00 | 12.50 | -3.70 | | 8.80 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 26/8 | 0.50 | 0.48 | -0.50 | -0.40 | 2.56 | -3.70 | | -1.14 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 52/40 | 0.52 | 0.53 | 1.30 | 0.70 | 4.02 | -3.70 | | 0.32 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 106/54 | 0.58 | 0.59 | 3.30 | 2.90 | 6.11 | -3.70 | | 2.41 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | T+26T/ | 0.26 | 0.24 | 3.20 | 6.10 | 7.90 | -3.70 | | 4.20 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 6T+26T | 0.40 | 0.40 | 6.90 | 0.00 | 9.48 | -3.70 | | 5.78 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 099 | 6445 | Full | 0.52 | 0.51 | 11.70 | 12.70 | 15.24 | -3.70 | | 11.54 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 107 | 6485 | Full | 0.52 | 0.51 | 12.00 | 12.60 | 15.32 | -3.70 | | 11.62 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 103 | 6465 | Full | 0.46 | 0.42 | 14.50 | 15.60 | 18.10 | -3.70 | | 14.40 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 103 | 6465 | 20/8 | 0.32 | 0.32 | 13.00 | 13.80 | 16.43 | -3.70 | | 12.73 | 24.00 | Pass |

| U-NII-6 straddle channel MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT40 | MCS0 | 2 | 115 | 6525 | Full | 0.52 | 0.51 | 11.70 | 12.70 | 15.24 | -3.70 | | 11.54 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 119 | 6545 | Full | 0.46 | 0.42 | 14.40 | 15.20 | 17.83 | -3.70 | | 14.13 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 119 | 6545 | 20/8 | 0.32 | 0.32 | 13.00 | 14.20 | 16.65 | -3.70 | | 12.95 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | Full | 0.64 | 0.64 | 17.50 | 18.50 | 21.04 | -3.70 | | 17.34 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | 40/3 | 0.49 | 0.49 | 17.00 | 17.80 | 20.43 | -3.70 | | 16.73 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | 20/1 | 0.59 | 0.56 | 17.10 | 18.20 | 20.70 | -3.70 | | 17.00 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-6 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 097 | 6435 | Full | 0.40 | 0.36 | | | 0.26 | -1.72 | | -1.46 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 26/0 | 0.50 | 0.48 | | | -0.07 | -1.72 | | -1.79 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 52/37 | 0.52 | 0.53 | | | 0.02 | -1.72 | | -1.70 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 106/53 | 0.58 | 0.59 | | | -0.18 | -1.72 | | -1.90 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 52T+26T/70 | 0.26 | 0.24 | | | -0.06 | -1.72 | | -1.78 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 097 | 6435 | 106T+26T/82 | 0.40 | 0.40 | | | -0.35 | -1.72 | | -2.07 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | Full | 0.40 | 0.36 | | | 0.21 | -1.72 | | -1.51 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 26/4 | 0.50 | 0.48 | | | 0.19 | -1.72 | | -1.53 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 52/38 | 0.52 | 0.53 | | | -0.16 | -1.72 | | -1.88 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 106/53 | 0.58 | 0.59 | | | -1.83 | -1.72 | | -3.55 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 52T+26T/71 | 0.26 | 0.24 | | | -1.45 | -1.72 | | -3.17 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 105 | 6475 | 106T+26T/83 | 0.40 | 0.40 | | | 0.14 | -1.72 | | -1.58 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | Full | 0.40 | 0.36 | | | 0.29 | -1.72 | | -1.43 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 26/8 | 0.50 | 0.48 | | | -0.17 | -1.72 | | -1.89 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 52/40 | 0.52 | 0.53 | | | -0.27 | -1.72 | | -1.99 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 106/54 | 0.58 | 0.59 | | | -0.63 | -1.72 | | -2.35 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 52T+26T/72 | 0.26 | 0.24 | | | 0.13 | -1.72 | | -1.59 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 113 | 6515 | 106T+26T/83 | 0.40 | 0.40 | | | 0.14 | -1.72 | | -1.58 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 099 | 6445 | Full | 0.52 | 0.51 | | | 0.17 | -1.72 | | -1.55 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 107 | 6485 | Full | 0.52 | 0.51 | | | 0.23 | -1.72 | | -1.49 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 103 | 6465 | Full | 0.46 | 0.42 | | | 0.08 | -1.72 | | -1.64 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 103 | 6465 | 20/8 | 0.32 | 0.32 | | | -0.41 | -1.72 | | -2.13 | -1.00 | Pass |

| U-NII-6 straddle channel MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT40 | MCS0 | 2 | 115 | 6525 | Full | 0.52 | 0.51 | | | 0.25 | -1.72 | | -1.47 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 119 | 6545 | Full | 0.46 | 0.42 | | | 0.04 | -1.72 | | -1.68 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 119 | 6545 | 20/8 | 0.32 | 0.32 | | | -0.29 | -1.72 | | -2.01 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | Full | 0.64 | 0.64 | | | 0.40 | -1.72 | | -1.32 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | 40/3 | 0.49 | 0.49 | | | 0.26 | -1.72 | | -1.46 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 111 | 6505 | 20/1 | 0.59 | 0.56 | | | -0.11 | -1.72 | | -1.83 | -1.00 | Pass |

## ***TEST RESULTS DATA***
## ***26dB and 99% OBW***

| U-NII-7 MIMO | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT20 | MCS0 | 2 | 117 | 6535 | Full | 19.13 | 19.18 | 21.66 | 21.90 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | Full | 19.23 | 19.18 | 21.84 | 21.84 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | Full | 19.13 | 19.13 | 21.66 | 21.96 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 123 | 6565 | Full | 37.86 | 37.86 | 40.20 | 40.32 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 147 | 6685 | Full | 37.96 | 37.76 | 40.20 | 40.08 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 179 | 6845 | Full | 37.86 | 37.86 | 40.08 | 40.08 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 135 | 6625 | Full | 77.20 | 77.32 | 82.32 | 82.32 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | Full | 77.20 | 77.32 | 82.80 | 81.84 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 167 | 6785 | Full | 77.44 | 77.44 | 82.32 | 82.32 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | Full | 158.48 | 158.00 | 168.48 | 167.18 | 320.00 | Pass |

| U-NII-7 straddle channel MIMO | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT20 | MCS0 | 2 | 185 | 6875 | Full | 19.18 | 19.18 | 21.54 | 21.84 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 187 | 6885 | Full | 37.96 | 37.96 | 39.96 | 40.32 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 183 | 6865 | Full | 77.32 | 77.32 | 82.80 | 82.80 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | Full | 157.76 | 157.76 | 168.48 | 167.18 | 320.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Table*

| U-NII-7 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 117 | 6535 | Full | 0.40 | 0.36 | 9.90 | 11.10 | 13.55 | -4.70 | | 8.85 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 26/0 | 0.50 | 0.48 | 1.00 | 0.10 | 3.58 | -4.70 | | -1.12 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 52/37 | 0.52 | 0.53 | 3.10 | 2.10 | 5.64 | -4.70 | | 0.94 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 106/53 | 0.58 | 0.59 | 7.10 | 6.30 | 9.73 | -4.70 | | 5.03 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 52T+26T/70 | 0.26 | 0.24 | 6.10 | 5.30 | 8.73 | -4.70 | | 4.03 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 106T+26T/82 | 0.40 | 0.40 | 8.20 | 0.00 | 10.70 | -4.70 | | 6.00 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | Full | 0.40 | 0.36 | 10.20 | 11.10 | 13.68 | -4.70 | | 8.98 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 26/4 | 0.50 | 0.48 | 1.30 | 0.60 | 3.97 | -4.70 | | -0.73 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 52/38 | 0.52 | 0.53 | 2.40 | 1.60 | 5.03 | -4.70 | | 0.33 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 106/53 | 0.58 | 0.59 | 7.20 | 5.70 | 9.52 | -4.70 | | 4.82 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 52T+26T/71 | 0.26 | 0.24 | 4.40 | 3.60 | 7.03 | -4.70 | | 2.33 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 106T+26T/83 | 0.40 | 0.40 | 7.80 | 7.20 | 10.52 | -4.70 | | 5.82 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | Full | 0.40 | 0.36 | 11.10 | 10.50 | 13.82 | -4.70 | | 9.12 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 26/8 | 0.50 | 0.48 | 1.20 | -0.20 | 3.57 | -4.70 | | -1.13 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 52/40 | 0.52 | 0.53 | 2.50 | 1.50 | 5.04 | -4.70 | | 0.34 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 106/54 | 0.58 | 0.59 | 7.50 | 6.10 | 9.87 | -4.70 | | 5.17 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 52T+26T/72 | 0.26 | 0.24 | 6.00 | 6.40 | 9.21 | -4.70 | | 4.51 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 106T+26T/83 | 0.40 | 0.40 | 8.20 | 0.00 | 10.92 | -4.70 | | 6.22 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 123 | 6565 | Full | 0.52 | 0.51 | 12.70 | 13.40 | 16.07 | -4.70 | | 11.37 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 147 | 6685 | Full | 0.52 | 0.51 | 12.80 | 13.60 | 16.23 | -4.70 | | 11.53 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 179 | 6845 | Full | 0.52 | 0.51 | 13.50 | 13.50 | 16.51 | -4.70 | | 11.81 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 135 | 6625 | Full | 0.46 | 0.42 | 15.40 | 16.40 | 18.94 | -4.70 | | 14.24 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 135 | 6625 | 20/8 | 0.32 | 0.32 | 14.00 | 15.00 | 17.54 | -4.70 | | 12.84 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | Full | 0.46 | 0.42 | 15.80 | 16.40 | 19.12 | -4.70 | | 14.42 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | 20/4 | 0.32 | 0.32 | 14.60 | 15.50 | 18.08 | -4.70 | | 13.38 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | 20/2 | 0.32 | 0.32 | 14.80 | 15.50 | 18.17 | -4.70 | | 13.47 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 167 | 6785 | Full | 0.46 | 0.42 | 15.70 | 16.00 | 18.86 | -4.70 | | 14.16 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 167 | 6785 | 20/1 | 0.32 | 0.32 | 14.20 | 15.00 | 17.63 | -4.70 | | 12.93 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | Full | 0.64 | 0.64 | 19.20 | 19.40 | 22.31 | -4.70 | | 17.61 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | 40/192 | 0.49 | 0.49 | 18.20 | 0.00 | 21.47 | -4.70 | | 16.77 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | 20/128 | 0.59 | 0.56 | 18.60 | 18.90 | 21.76 | -4.70 | | 17.06 | 24.00 | Pass |

| U-NII-7 straddle channel MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 185 | 6875 | Full | 0.40 | 0.36 | 10.70 | 10.10 | 13.42 | -4.70 | | 8.72 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 26/8 | 0.50 | 0.48 | 0.90 | -0.10 | 3.44 | -4.70 | | -1.26 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 52/40 | 0.52 | 0.53 | 2.40 | 1.20 | 4.85 | -4.70 | | 0.15 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 106/54 | 0.58 | 0.59 | 2.60 | 1.40 | 5.05 | -4.70 | | 0.35 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 52T+26T/72 | 0.26 | 0.24 | 6.10 | 6.20 | 9.16 | -4.70 | | 4.46 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 106T+26T/83 | 0.40 | 0.40 | 8.10 | 7.00 | 10.73 | -4.70 | | 6.03 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 187 | 6885 | Full | 0.52 | 0.51 | 13.30 | 12.90 | 16.11 | -4.70 | | 11.41 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 183 | 6865 | Full | 0.46 | 0.42 | 15.60 | 15.60 | 18.61 | -4.70 | | 13.91 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 183 | 6865 | 20/1 | 0.32 | 0.32 | 14.50 | 15.20 | 17.87 | -4.70 | | 13.17 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | Full | 0.64 | 0.64 | 18.80 | 18.60 | 21.71 | -4.70 | | 17.01 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | 40/192 | 0.49 | 0.49 | 18.20 | 18.40 | 21.31 | -4.70 | | 16.61 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | 20/128 | 0.59 | 0.56 | 18.50 | 18.80 | 21.66 | -4.70 | | 16.96 | 24.00 | Pass |

## *TEST RESULTS DATA*
## *EIRP Power Spectral Density*

| U-NII-7 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTx | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 117 | 6535 | Full | 0.40 | 0.36 | | | 1.32 | -3.18 | | -1.86 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 26/0 | 0.50 | 0.48 | | | 1.03 | -3.18 | | -2.16 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 52/37 | 0.52 | 0.53 | | | 0.94 | -3.18 | | -2.25 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 106/53 | 0.58 | 0.59 | | | 1.01 | -3.18 | | -2.17 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 52T+26T/70 | 0.26 | 0.24 | | | 0.78 | -3.18 | | -2.40 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 117 | 6535 | 106T+26T/82 | 0.40 | 0.40 | | | 0.77 | -3.18 | | -2.42 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | Full | 0.40 | 0.36 | | | 1.27 | -3.18 | | -1.91 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 26/4 | 0.50 | 0.48 | | | 0.96 | -3.18 | | -2.22 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 52/38 | 0.52 | 0.53 | | | 0.94 | -3.18 | | -2.24 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 106/53 | 0.58 | 0.59 | | | 0.81 | -3.18 | | -2.38 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 52T+26T/71 | 0.26 | 0.24 | | | 0.99 | -3.18 | | -2.19 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 149 | 6695 | 106T+26T/83 | 0.40 | 0.40 | | | 0.68 | -3.18 | | -2.50 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | Full | 0.40 | 0.36 | | | 1.36 | -3.18 | | -1.82 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 26/8 | 0.50 | 0.48 | | | 1.23 | -3.18 | | -1.95 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 52/40 | 0.52 | 0.53 | | | 1.00 | -3.18 | | -2.19 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 106/54 | 0.58 | 0.59 | | | 0.94 | -3.18 | | -2.25 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 52T+26T/72 | 0.26 | 0.24 | | | 1.02 | -3.18 | | -2.16 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 181 | 6855 | 106T+26T/83 | 0.40 | 0.40 | | | 0.84 | -3.18 | | -2.34 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 123 | 6565 | Full | 0.52 | 0.51 | | | 1.24 | -3.18 | | -1.94 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 147 | 6685 | Full | 0.52 | 0.51 | | | 1.40 | -3.18 | | -1.79 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 179 | 6845 | Full | 0.52 | 0.51 | | | 1.32 | -3.18 | | -1.86 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 135 | 6625 | Full | 0.46 | 0.42 | | | 1.20 | -3.18 | | -1.98 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 135 | 6625 | 20/8 | 0.32 | 0.32 | | | 0.82 | -3.18 | | -2.37 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | Full | 0.46 | 0.42 | | | 1.24 | -3.18 | | -1.94 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | 20/4 | 0.32 | 0.32 | | | 0.94 | -3.18 | | -2.24 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 151 | 6705 | 20/2 | 0.32 | 0.32 | | | 1.07 | -3.18 | | -2.11 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 167 | 6785 | Full | 0.46 | 0.42 | | | 1.07 | -3.18 | | -2.11 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 167 | 6785 | 20/1 | 0.32 | 0.32 | | | 0.60 | -3.18 | | -2.58 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | Full | 0.64 | 0.64 | | | 1.50 | -3.18 | | -1.68 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | 40/192 | 0.49 | 0.49 | | | 1.41 | -3.18 | | -1.78 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 143 | 6665 | 20/128 | 0.59 | 0.56 | | | 1.03 | -3.18 | | -2.16 | -1.00 | Pass |

| U-NII-7 straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTx | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 185 | 6875 | Full | 0.40 | 0.36 | | | 0.84 | -3.18 | | -2.34 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 26/8 | 0.50 | 0.48 | | | 0.68 | -3.18 | | -2.50 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 52/40 | 0.52 | 0.53 | | | 0.11 | -3.18 | | -3.08 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 106/54 | 0.58 | 0.59 | | | 0.54 | -3.18 | | -2.64 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 52T+26T/72 | 0.26 | 0.24 | | | 0.73 | -3.18 | | -2.45 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 185 | 6875 | 106T+26T/83 | 0.40 | 0.40 | | | 0.58 | -3.18 | | -2.61 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 187 | 6885 | Full | 0.52 | 0.51 | | | 0.80 | -3.18 | | -2.38 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 183 | 6865 | Full | 0.46 | 0.42 | | | 0.79 | -3.18 | | -2.40 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 183 | 6865 | 20/1 | 0.32 | 0.32 | | | 0.51 | -3.18 | | -2.67 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | Full | 0.64 | 0.64 | | | 0.98 | -3.18 | | -2.21 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | 40/192 | 0.49 | 0.49 | | | 0.87 | -3.18 | | -2.31 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 175 | 6825 | 20/128 | 0.59 | 0.56 | | | 0.59 | -3.18 | | -2.59 | -1.00 | Pass |

## *TEST RESULTS DATA*
## *26dB EBW and 99% OBW*

| U-NII-8 MIMO | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Emission Bandwidth Limit (MHz) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | | |
| EHT20 | MCS0 | 2 | 189 | 6895 | Full | 19.18 | 19.08 | 21.90 | 21.78 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | Full | 19.03 | 19.03 | 21.72 | 21.66 | 320.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | Full | 19.13 | 19.08 | 21.84 | 21.84 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 195 | 6925 | Full | 37.76 | 37.86 | 40.20 | 40.20 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 211 | 7005 | Full | 37.76 | 37.76 | 39.96 | 39.60 | 320.00 | Pass |
| EHT40 | MCS0 | 2 | 227 | 7085 | Full | 37.76 | 37.86 | 39.84 | 40.08 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 199 | 6945 | Full | 77.32 | 77.32 | 80.88 | 81.60 | 320.00 | Pass |
| EHT80 | MCS0 | 2 | 215 | 7025 | Full | 77.32 | 77.20 | 82.56 | 81.36 | 320.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | Full | 157.28 | 157.52 | 165.60 | 167.52 | 320.00 | Pass |

***TEST RESULTS DATA***
***EIRP Power Table***

| U-NII-8 MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 209 | 6995 | Full | 0.40 | 0.36 | 9.00 | 9.70 | 12.37 | -5.80 | | 6.57 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 26/4 | 0.50 | 0.48 | 0.10 | 1.00 | 3.58 | -5.80 | | -2.22 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 52/38 | 0.52 | 0.53 | 1.80 | 2.60 | 5.23 | -5.80 | | -0.57 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 106/53 | 0.58 | 0.59 | 1.80 | 2.60 | 5.23 | -5.80 | | -0.57 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 52T+26T/7 | 0.26 | 0.24 | 5.00 | 4.90 | 7.96 | -5.80 | | 2.16 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 06T+26T/8 | 0.40 | 0.40 | 7.80 | 7.40 | 10.61 | -5.80 | | 4.81 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | Full | 0.40 | 0.36 | 9.00 | 10.00 | 12.54 | -5.80 | | 6.74 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 26/8 | 0.50 | 0.48 | 0.60 | 0.60 | 3.61 | -5.80 | | -2.19 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 52/40 | 0.52 | 0.53 | 1.20 | 2.00 | 4.63 | -5.80 | | -1.17 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 106/54 | 0.58 | 0.59 | 1.40 | 2.10 | 4.77 | -5.80 | | -1.03 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 52T+26T/7 | 0.26 | 0.24 | 5.50 | 5.10 | 8.31 | -5.80 | | 2.51 | 24.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 06T+26T/8 | 0.40 | 0.40 | 7.60 | 7.40 | 10.51 | -5.80 | | 4.71 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 195 | 6925 | Full | 0.52 | 0.51 | 12.10 | 12.80 | 15.47 | -5.80 | | 9.67 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 211 | 7005 | Full | 0.52 | 0.51 | 11.60 | 12.50 | 15.08 | -5.80 | | 9.28 | 24.00 | Pass |
| EHT40 | MCS0 | 2 | 227 | 7085 | Full | 0.52 | 0.51 | 12.10 | 12.90 | 15.53 | -5.80 | | 9.73 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 199 | 6945 | Full | 0.46 | 0.42 | 15.10 | 15.50 | 18.31 | -5.80 | | 12.51 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 199 | 6945 | 20/8 | 0.32 | 0.32 | 13.70 | 14.60 | 17.18 | -5.80 | | 11.38 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 215 | 7025 | Full | 0.46 | 0.42 | 14.30 | 15.00 | 17.67 | -5.80 | | 11.87 | 24.00 | Pass |
| EHT80 | MCS0 | 2 | 215 | 7025 | 20/1 | 0.32 | 0.32 | 13.10 | 13.90 | 16.53 | -5.80 | | 10.73 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | Full | 0.64 | 0.64 | 17.80 | 18.10 | 20.96 | -5.80 | | 15.16 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | 40/3 | 0.49 | 0.49 | 17.00 | 17.70 | 20.37 | -5.80 | | 14.57 | 24.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | 20/1 | 0.59 | 0.56 | 17.60 | 17.90 | 20.76 | -5.80 | | 14.96 | 24.00 | Pass |

## ***TEST RESULTS DATA***
## ***EIRP Power Spectral Density***

| U-NII-8 MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTx | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) | | Conducted Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | | Ant 3 | Ant 4 | Ant 3 | Ant 4 | SUM | Ant 3 | Ant 4 | SUM | | |
| EHT20 | MCS0 | 2 | 209 | 6995 | Full | 0.40 | 0.36 | | | 0.14 | -3.23 | | -3.09 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 26/4 | 0.50 | 0.48 | | | -0.80 | -3.23 | | -4.02 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 52/38 | 0.52 | 0.53 | | | -0.02 | -3.23 | | -3.25 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 106/53 | 0.58 | 0.59 | | | -0.18 | -3.23 | | -3.41 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 2T+26T/2 | 0.26 | 0.24 | | | 0.06 | -3.23 | | -3.17 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 209 | 6995 | 6T+26T/ | 0.40 | 0.40 | | | 0.04 | -3.23 | | -3.19 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | Full | 0.40 | 0.36 | | | 0.25 | -3.23 | | -2.98 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 26/8 | 0.50 | 0.48 | | | -0.09 | -3.23 | | -3.31 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 52/40 | 0.52 | 0.53 | | | -0.56 | -3.23 | | -3.79 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 106/54 | 0.58 | 0.59 | | | -3.80 | -3.23 | | -7.03 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 2T+26T/2 | 0.26 | 0.24 | | | -0.29 | -3.23 | | -3.52 | -1.00 | Pass |
| EHT20 | MCS0 | 2 | 229 | 7095 | 6T+26T/ | 0.40 | 0.40 | | | -0.41 | -3.23 | | -3.64 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 195 | 6925 | Full | 0.52 | 0.51 | | | 0.27 | -3.23 | | -2.96 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 211 | 7005 | Full | 0.52 | 0.51 | | | 0.18 | -3.23 | | -3.05 | -1.00 | Pass |
| EHT40 | MCS0 | 2 | 227 | 7085 | Full | 0.52 | 0.51 | | | 0.17 | -3.23 | | -3.06 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 199 | 6945 | Full | 0.46 | 0.42 | | | 0.20 | -3.23 | | -3.03 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 199 | 6945 | 20/8 | 0.32 | 0.32 | | | -0.14 | -3.23 | | -3.37 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 215 | 7025 | Full | 0.46 | 0.42 | | | 0.03 | -3.23 | | -3.20 | -1.00 | Pass |
| EHT80 | MCS0 | 2 | 215 | 7025 | 20/1 | 0.32 | 0.32 | | | -0.23 | -3.23 | | -3.46 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | Full | 0.64 | 0.64 | | | 0.39 | -3.23 | | -2.84 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | 40/3 | 0.49 | 0.49 | | | 0.31 | -3.23 | | -2.92 | -1.00 | Pass |
| EHT160 | MCS0 | 2 | 207 | 6985 | 20/1 | 0.59 | 0.56 | | | 0.05 | -3.23 | | -3.18 | -1.00 | Pass |

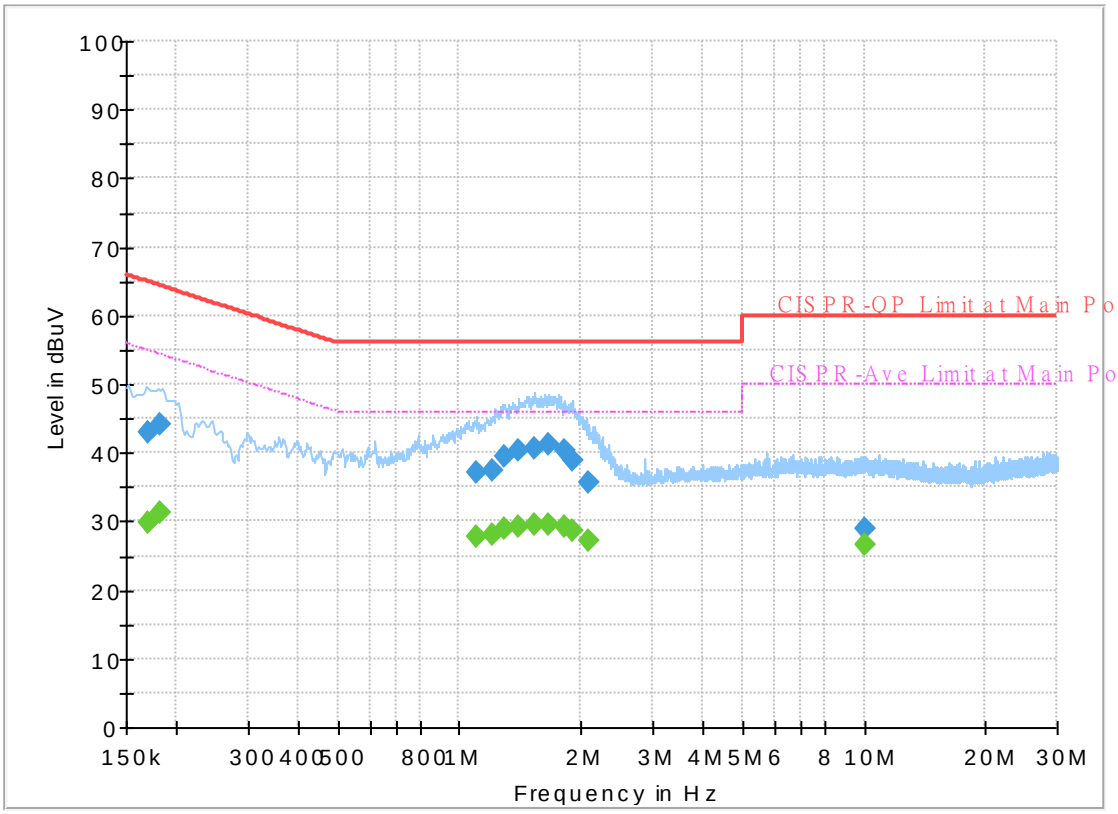
# Appendix B. AC Conducted Emission Test Results

| | | | |
|---|---|---|---|
| **Test Engineer :** | Calvin Wang | **Temperature :** | 23~26℃ |
| | | **Relative Humidity :** | 45~55% |

# EUT Information

| | |
|---|---|
| Report NO : | 2D0206-03 |
| Test Mode : | Mode 1 |
| Test Voltage : | 120Vac/60Hz |
| Phase : | Line |

Full Spectrum




# Final_Result

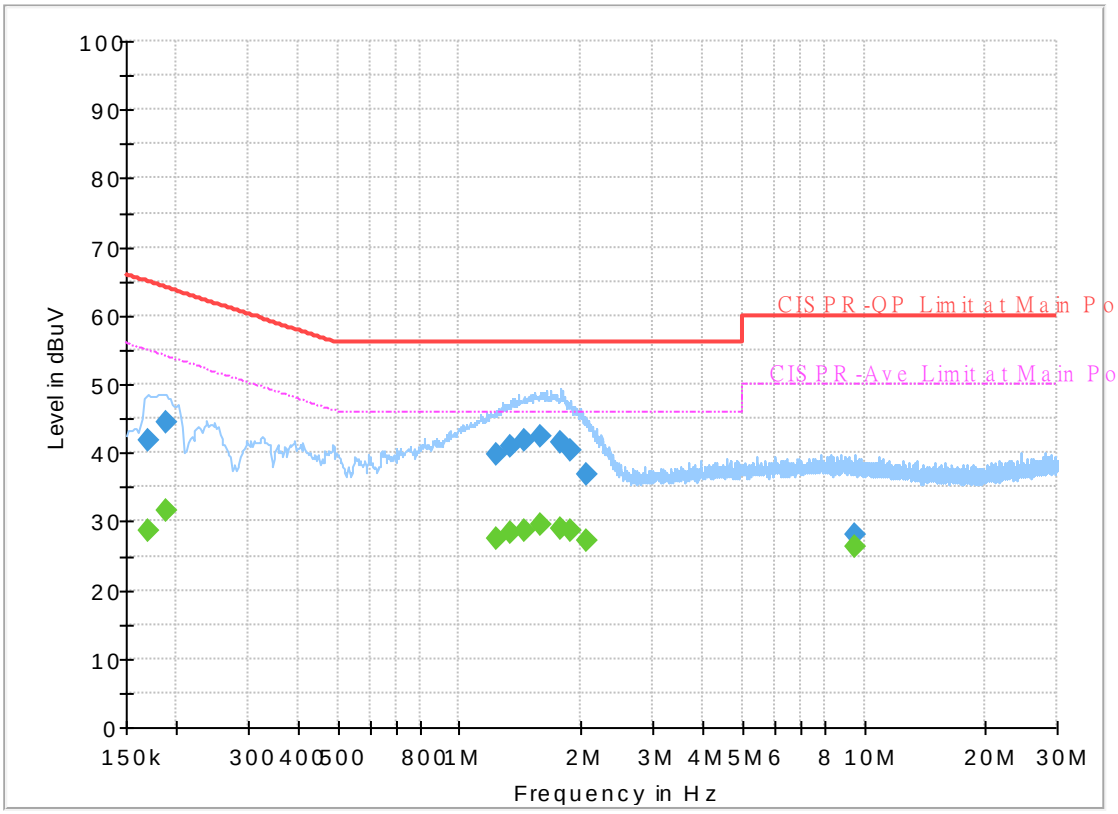
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.170250 | --- | 29.81 | 54.95 | 25.14 | L1 | OFF | 19.9 |
| 0.170250 | 43.00 | --- | 64.95 | 21.95 | L1 | OFF | 19.9 |
| 0.181500 | --- | 31.38 | 54.42 | 23.04 | L1 | OFF | 19.9 |
| 0.181500 | 44.24 | --- | 64.42 | 20.18 | L1 | OFF | 19.9 |
| 1.104000 | --- | 27.75 | 46.00 | 18.25 | L1 | OFF | 19.9 |
| 1.104000 | 37.18 | --- | 56.00 | 18.82 | L1 | OFF | 19.9 |
| 1.200750 | --- | 28.01 | 46.00 | 17.99 | L1 | OFF | 19.9 |
| 1.200750 | 37.54 | --- | 56.00 | 18.46 | L1 | OFF | 19.9 |
| 1.293000 | --- | 28.90 | 46.00 | 17.10 | L1 | OFF | 19.9 |
| 1.293000 | 39.39 | --- | 56.00 | 16.61 | L1 | OFF | 19.9 |
| 1.401000 | --- | 29.22 | 46.00 | 16.78 | L1 | OFF | 19.9 |
| 1.401000 | 40.46 | --- | 56.00 | 15.54 | L1 | OFF | 19.9 |
| 1.533750 | --- | 29.59 | 46.00 | 16.41 | L1 | OFF | 19.9 |
| 1.533750 | 40.74 | --- | 56.00 | 15.26 | L1 | OFF | 19.9 |
| 1.657500 | --- | 29.57 | 46.00 | 16.43 | L1 | OFF | 19.9 |
| 1.657500 | 41.12 | --- | 56.00 | 14.88 | L1 | OFF | 19.9 |
| 1.810500 | --- | 29.32 | 46.00 | 16.68 | L1 | OFF | 19.9 |
| 1.810500 | 40.33 | --- | 56.00 | 15.67 | L1 | OFF | 19.9 |
| 1.898250 | --- | 28.57 | 46.00 | 17.43 | L1 | OFF | 19.9 |
| 1.898250 | 39.01 | --- | 56.00 | 16.99 | L1 | OFF | 19.9 |
| 2.087250 | --- | 27.31 | 46.00 | 18.69 | L1 | OFF | 19.9 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **2.087250** | **35.75** | **---** | **56.00** | **20.25** | **L1** | **OFF** | **19.9** |
| **10.023000** | **---** | **26.65** | **50.00** | **23.35** | **L1** | **OFF** | **20.2** |
| **10.023000** | **28.96** | **---** | **60.00** | **31.04** | **L1** | **OFF** | **20.2** |

# EUT Information

| | |
|---|---|
| Report NO : | 2D0206-03 |
| 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) |
|---|---|---|---|---|---|---|---|
| 0.170250 | --- | 28.73 | 54.95 | 26.22 | N | OFF | 19.9 |
| 0.170250 | 41.68 | --- | 64.95 | 23.27 | N | OFF | 19.9 |
| 0.188250 | --- | 31.45 | 54.11 | 22.66 | N | OFF | 19.9 |
| 0.188250 | 44.54 | --- | 64.11 | 19.57 | N | OFF | 19.9 |
| 1.230000 | --- | 27.46 | 46.00 | 18.54 | N | OFF | 19.9 |
| 1.230000 | 39.66 | --- | 56.00 | 16.34 | N | OFF | 19.9 |
| 1.338000 | --- | 28.38 | 46.00 | 17.62 | N | OFF | 19.9 |
| 1.338000 | 41.04 | --- | 56.00 | 14.96 | N | OFF | 19.9 |
| 1.441500 | --- | 28.76 | 46.00 | 17.24 | N | OFF | 19.9 |
| 1.441500 | 41.81 | --- | 56.00 | 14.19 | N | OFF | 19.9 |
| 1.587750 | --- | 29.56 | 46.00 | 16.44 | N | OFF | 19.9 |
| 1.587750 | 42.45 | --- | 56.00 | 13.55 | N | OFF | 19.9 |
| 1.779000 | --- | 28.86 | 46.00 | 17.14 | N | OFF | 19.9 |
| 1.779000 | 41.43 | --- | 56.00 | 14.57 | N | OFF | 19.9 |
| 1.887000 | --- | 28.51 | 46.00 | 17.49 | N | OFF | 19.9 |
| 1.887000 | 40.42 | --- | 56.00 | 15.58 | N | OFF | 19.9 |
| 2.058000 | --- | 27.15 | 46.00 | 18.85 | N | OFF | 19.9 |
| 2.058000 | 36.91 | --- | 56.00 | 19.09 | N | OFF | 19.9 |
| 9.478500 | --- | 26.18 | 50.00 | 23.82 | N | OFF | 20.2 |
| 9.478500 | 28.18 | --- | 60.00 | 31.82 | N | OFF | 20.2 |

# Appendix C. Radiated Spurious Emission

| Test Engineer : | Bigshow Wang, Quentin Liu and Eric Xiao | Temperature : | 21~26°C |
|---|---|---|---|
| | | Relative Humidity : | 45~60% |

**Band 5 - 5925~6425MHz**

**WIFI 802.11be EHT20 Full (Band Edge @ 3m)**

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 3+4 | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 5923.1 | 50.37 | -37.83 | 88.2 | 42.91 | 34.21 | 9.78 | 36.53 | 100 | 268 | P | H |
| | | 5906.3 | 39.63 | -28.57 | 68.2 | 32.14 | 34.27 | 9.75 | 36.53 | 100 | 268 | A | H |
| | * | 5955 | 95.6 | - | - | 88.21 | 34.1 | 9.82 | 36.53 | 100 | 268 | P | H |
| | * | 5955 | 86.27 | - | - | 78.88 | 34.1 | 9.82 | 36.53 | 100 | 268 | A | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT20 Full | | | | | | | | | | | | | H |
| CH 01 | | 5917.7 | 50.15 | -38.05 | 88.2 | 42.68 | 34.23 | 9.77 | 36.53 | 400 | 76 | P | V |
| 5955MHz | | 5916.65 | 39.94 | -28.26 | 68.2 | 32.47 | 34.23 | 9.77 | 36.53 | 400 | 76 | A | V |
| | * | 5955 | 99.05 | - | - | 91.66 | 34.1 | 9.82 | 36.53 | 400 | 76 | P | V |
| | * | 5955 | 89.01 | - | - | 81.62 | 34.1 | 9.82 | 36.53 | 400 | 76 | 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 802.11be EHT40 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5924.45 | 50.75 | -37.45 | 88.2 | 43.3 | 34.2 | 9.78 | 36.53 | 100 | 78 | P | H |
| | | 5922.8 | 41.09 | -27.11 | 68.2 | 33.63 | 34.21 | 9.78 | 36.53 | 100 | 78 | A | H |
| | * | 5965 | 94.37 | 6.17 | 88.2 | 86.96 | 34.1 | 9.83 | 36.52 | 100 | 78 | P | H |
| | * | 5965 | 86.19 | 17.99 | 68.2 | 78.78 | 34.1 | 9.83 | 36.52 | 100 | 78 | A | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT40 Full | | | | | | | | | | | | | H |
| CH 03 | | 5922.24 | 53.5 | -34.7 | 88.2 | 46.04 | 34.21 | 9.78 | 36.53 | 400 | 286 | P | V |
| 5965MHz | | 5923.2 | 40.59 | -27.61 | 68.2 | 33.13 | 34.21 | 9.78 | 36.53 | 400 | 286 | A | V |
| | * | 5965 | 97.64 | 9.44 | 88.2 | 90.23 | 34.1 | 9.83 | 36.52 | 400 | 286 | P | V |
| | * | 5965 | 88.77 | 20.57 | 68.2 | 81.36 | 34.1 | 9.83 | 36.52 | 400 | 286 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| Remark | |
|---|---|
| | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

## Band 5 5925~6425MHz

## WIFI 802.11be EHT80 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5922.44 | 55.61 | -32.59 | 88.2 | 48.15 | 34.21 | 9.78 | 36.53 | 266 | 246 | P | H |
| | | 5920.48 | 44.73 | -23.47 | 68.2 | 37.27 | 34.22 | 9.77 | 36.53 | 266 | 246 | A | H |
| | * | 5985 | 95.31 | - | - | 87.87 | 34.1 | 9.86 | 36.52 | 266 | 246 | P | H |
| | * | 5985 | 85.98 | - | - | 78.54 | 34.1 | 9.86 | 36.52 | 266 | 246 | A | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT80 Full | | | | | | | | | | | | | H |
| CH 07 | | 5923.49 | 58.11 | -30.09 | 88.2 | 50.65 | 34.21 | 9.78 | 36.53 | 258 | 296 | P | V |
| 5985MHz | | 5923.28 | 45.5 | -22.7 | 68.2 | 38.04 | 34.21 | 9.78 | 36.53 | 258 | 296 | A | V |
| | * | 5985 | 97.48 | - | - | 90.04 | 34.1 | 9.86 | 36.52 | 258 | 296 | P | V |
| | * | 5985 | 88.41 | - | - | 80.97 | 34.1 | 9.86 | 36.52 | 258 | 296 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Band 5 5925~6425MHz

## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 15 6025MHz | | 5912.38 | 70.01 | -18.19 | 88.2 | 62.53 | 34.25 | 9.76 | 36.53 | 260 | 246 | P | H |
| | | 5912.05 | 58.65 | -9.55 | 68.2 | 51.17 | 34.25 | 9.76 | 36.53 | 260 | 246 | A | H |
| | * | 6025 | 96.17 | - | - | 88.63 | 34.15 | 9.9 | 36.51 | 260 | 246 | P | H |
| | * | 6025 | 86.66 | - | - | 79.12 | 34.15 | 9.9 | 36.51 | 260 | 246 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 5912.05 | 68.69 | -19.51 | 88.2 | 61.21 | 34.25 | 9.76 | 36.53 | 255 | 296 | P | V |
| | | 5911.72 | 56.67 | -11.53 | 68.2 | 49.19 | 34.25 | 9.76 | 36.53 | 255 | 296 | A | V |
| | * | 6025 | 92.49 | - | - | 84.95 | 34.15 | 9.9 | 36.51 | 255 | 296 | P | V |
| | * | 6025 | 83.8 | - | - | 76.26 | 34.15 | 9.9 | 36.51 | 255 | 296 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11be EHT160 Full CH 47 6185MHz | * | 6185 | 95.91 | - | - | 88.12 | 34.2 | 10.03 | 36.44 | 249 | 246 | P | H |
| | * | 6185 | 86.67 | - | - | 78.88 | 34.2 | 10.03 | 36.44 | 249 | 246 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6185 | 97.33 | - | - | 89.54 | 34.2 | 10.03 | 36.44 | 281 | 293 | P | V |
| | * | 6185 | 89.28 | - | - | 81.49 | 34.2 | 10.03 | 36.44 | 281 | 293 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 6345 | 95.51 | - | - | 87.16 | 34.68 | 10.05 | 36.38 | 262 | 247 | P | H |
| | * | 6345 | 86.66 | - | - | 78.31 | 34.68 | 10.05 | 36.38 | 262 | 247 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| **802.11be** | | | | | | | | | | | | | H |
| **EHT160** | | | | | | | | | | | | | H |
| **Full CH 79** | * | 6345 | 96.89 | - | - | 88.54 | 34.68 | 10.05 | 36.38 | 292 | 291 | P | V |
| **6345MHz** | * | 6345 | 88.03 | - | - | 79.68 | 34.68 | 10.05 | 36.38 | 292 | 291 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

## Band 5 5925~6425MHz

## WIFI 802.11be EHT80 Full (Harmonic @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 15 6025MHz | | 12050 | 47.72 | -26.28 | 74 | 57.81 | 39.2 | 13.36 | 62.65 | - | - | P | H |
| | | 18075 | 48.11 | -25.89 | 74 | 70.43 | 37.25 | -3.72 | 55.85 | 150 | 252 | P | H |
| | | 18075 | 38.07 | -15.93 | 54 | 60.39 | 37.25 | -3.72 | 55.85 | 150 | 252 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 12050 | 47.93 | -26.07 | 74 | 58.02 | 39.2 | 13.36 | 62.65 | - | - | P | V |
| | | 18075 | 47.9 | -26.1 | 74 | 70.22 | 37.25 | -3.72 | 55.85 | 150 | 207 | P | V |
| | | 18075 | 37.91 | -16.09 | 54 | 60.23 | 37.25 | -3.72 | 55.85 | 150 | 207 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| WIFI Ant. 3+4 | 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 | 46.47 | -27.53 | 74 | 57.04 | 39.09 | 13.52 | 63.18 | - | - | P | H |
| | | 18555 | 38.18 | -35.82 | 74 | 59.83 | 37.43 | -3.51 | 55.57 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 47 | | 12370 | 46.65 | -27.35 | 74 | 57.22 | 39.09 | 13.52 | 63.18 | - | - | P | V |
| 6185MHz | | 18555 | 38.39 | -35.61 | 74 | 60.04 | 37.43 | -3.51 | 55.57 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| WIFI Ant. 3+4 | 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 | 46.99 | -27.01 | 74 | 56.85 | 39.49 | 13.69 | 63.04 | - | - | P | H |
| | | 19035 | 38.64 | -35.36 | 74 | 59.7 | 37.66 | -3.43 | 55.29 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 79 | | 12690 | 47.71 | -26.29 | 74 | 57.57 | 39.49 | 13.69 | 63.04 | - | - | P | V |
| 6345MHz | | 19035 | 38.17 | -35.83 | 74 | 59.23 | 37.66 | -3.43 | 55.29 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

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

## Band 6 - 6425~6525MHz

## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 111 6505MHz | * | 6505 | 96.07 | - | - | 87.22 | 35.03 | 10.13 | 36.31 | 248 | 247 | P | H |
| | * | 6505 | 86.75 | - | - | 77.9 | 35.03 | 10.13 | 36.31 | 248 | 247 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6505 | 96.15 | - | - | 87.3 | 35.03 | 10.13 | 36.31 | 299 | 290 | P | V |
| | * | 6505 | 87.51 | - | - | 78.66 | 35.03 | 10.13 | 36.31 | 299 | 290 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Band 6 6425~6525MHz

## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 111 6505MHz | | 13010 | 47.43 | -40.77 | 88.2 | 56.3 | 39.77 | 13.85 | 62.49 | - | - | P | H |
| | | 19515 | 41.67 | -32.33 | 74 | 62.49 | 37.51 | -3.24 | 55.09 | 150 | 341 | P | H |
| | | 19515 | 32.03 | -21.97 | 54 | 52.85 | 37.51 | -3.24 | 55.09 | 150 | 341 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13010 | 47.49 | -40.71 | 88.2 | 56.36 | 39.77 | 13.85 | 62.49 | - | - | P | V |
| | | 19515 | 49.8 | -24.2 | 74 | 70.62 | 37.51 | -3.24 | 55.09 | 150 | 224 | P | V |
| | | 19515 | 34.29 | -19.71 | 54 | 55.11 | 37.51 | -3.24 | 55.09 | 150 | 224 | 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.

## Band 7 - 6525~6875MHz

## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 3+4 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | * | 6665 | 96.21 | - | - | 86.51 | 35.76 | 10.28 | 36.34 | 241 | 253 | P | H |
| | * | 6665 | 87.43 | - | - | 77.73 | 35.76 | 10.28 | 36.34 | 241 | 253 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 143 | * | 6665 | 95.63 | - | - | 85.93 | 35.76 | 10.28 | 36.34 | 279 | 291 | P | V |
| 6665MHz | * | 6665 | 87.26 | - | - | 77.56 | 35.76 | 10.28 | 36.34 | 279 | 291 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | * | 6825 | 95.44 | - | - | 85.6 | 35.75 | 10.45 | 36.36 | 280 | 226 | P | H |
| | * | 6825 | 86.41 | - | - | 76.57 | 35.75 | 10.45 | 36.36 | 280 | 226 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 175 | * | 6825 | 97.86 | - | - | 88.02 | 35.75 | 10.45 | 36.36 | 255 | 296 | P | V |
| 6825MHz | * | 6825 | 88.8 | - | - | 78.96 | 35.75 | 10.45 | 36.36 | 255 | 296 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | 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 802.11be EHT160 Full (Harmonic @ 3m)

| WIFI Ant. 3+4 | 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 | 47.04 | -26.96 | 74 | 55.7 | 39.89 | 14.13 | 62.68 | - | - | P | H |
| | | 19995 | 48.13 | -25.87 | 74 | 68.99 | 37.4 | -3.36 | 54.9 | 150 | 261 | P | H |
| | | 19995 | 29.61 | -24.39 | 54 | 50.47 | 37.4 | -3.36 | 54.9 | 150 | 261 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 143 | | 13330 | 47.31 | -26.69 | 74 | 55.97 | 39.89 | 14.13 | 62.68 | - | - | P | V |
| 6665MHz | | 19995 | 51.56 | -22.44 | 74 | 72.42 | 37.4 | -3.36 | 54.9 | 150 | 328 | P | V |
| | | 19995 | 42.44 | -11.56 | 54 | 63.3 | 37.4 | -3.36 | 54.9 | 150 | 328 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 13650 | 50.23 | -37.97 | 88.2 | 58.67 | 40.05 | 14.42 | 62.91 | - | - | P | H |
| | | 13650 | 41.03 | -27.17 | 68.2 | 49.47 | 40.05 | 14.42 | 62.91 | - | - | A | H |
| | | 20475 | 37.23 | -36.77 | 74 | 57.8 | 37.61 | -3.28 | 54.9 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full CH 175 | | 13650 | 51.31 | -36.89 | 88.2 | 59.75 | 40.05 | 14.42 | 62.91 | - | - | P | V |
| 6825MHz | | 13650 | 42.11 | -26.09 | 68.2 | 50.55 | 40.05 | 14.42 | 62.91 | - | - | A | V |
| | | 20475 | 38.33 | -35.67 | 74 | 58.9 | 37.61 | -3.28 | 54.9 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

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

## Band 8 - 6875~7125MHz

## WIFI 802.11be EHT20 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Margin ( dB ) | Limit Line ( dBµV/m ) | Read Level (dBµV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 7095 | 97.37 | - | - | 86.94 | 36.28 | 10.52 | 36.37 | 100 | 37 | P | H |
| | * | 7095 | 87.4 | - | - | 76.97 | 36.28 | 10.52 | 36.37 | 100 | 37 | A | H |
| | | 7125 | 56.86 | -31.34 | 88.2 | 46.29 | 36.4 | 10.54 | 36.37 | 100 | 37 | P | H |
| | | 7238.44 | 43.71 | -24.49 | 68.2 | 32.63 | 36.78 | 10.65 | 36.35 | 100 | 37 | A | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT20 Full | | | | | | | | | | | | | H |
| CH 229 | * | 7095 | 98.37 | - | - | 87.94 | 36.28 | 10.52 | 36.37 | 325 | 190 | P | V |
| 7095MHz | * | 7095 | 89.62 | - | - | 79.19 | 36.28 | 10.52 | 36.37 | 325 | 190 | A | V |
| | | 7220.84 | 53.31 | -34.89 | 88.2 | 42.29 | 36.74 | 10.63 | 36.35 | 325 | 190 | P | V |
| | | 7195.08 | 43.2 | -25 | 68.2 | 32.28 | 36.68 | 10.6 | 36.36 | 325 | 190 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Band 8 - 6875~7125MHz

## WIFI 802.11be EHT40 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Margin ( dB ) | Limit Line ( dBµV/m ) | Read Level ( dBµV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 7085 | 98.25 | 10.05 | 88.2 | 87.88 | 36.24 | 10.51 | 36.38 | 100 | 38 | P | H |
| | * | 7085 | 87.29 | 19.09 | 68.2 | 76.92 | 36.24 | 10.51 | 36.38 | 100 | 38 | A | H |
| | | 7125.3 | 56.59 | -31.61 | 88.2 | 46.02 | 36.4 | 10.54 | 36.37 | 100 | 38 | P | H |
| | | 7127.96 | 43.74 | -24.46 | 68.2 | 33.16 | 36.41 | 10.54 | 36.37 | 100 | 38 | A | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT40 Full | | | | | | | | | | | | | H |
| CH 227 | * | 7085 | 98.8 | 10.6 | 88.2 | 88.43 | 36.24 | 10.51 | 36.38 | 285 | 187 | P | V |
| 7085MHz | * | 7085 | 89.81 | 21.61 | 68.2 | 79.44 | 36.24 | 10.51 | 36.38 | 285 | 187 | A | V |
| | | 7125.49 | 58.42 | -29.78 | 88.2 | 47.85 | 36.4 | 10.54 | 36.37 | 285 | 187 | P | V |
| | | 7126.63 | 44.16 | -24.04 | 68.2 | 33.58 | 36.41 | 10.54 | 36.37 | 285 | 187 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

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

## Band 8 - 6875~7125MHz

## WIFI 802.11be EHT80 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT80 Full CH 215 7025MHz | * | 7025 | 96.42 | - | - | 86.4 | 35.95 | 10.46 | 36.39 | 286 | 151 | P | H |
| | * | 7025 | 87.43 | - | -- | 77.41 | 35.95 | 10.46 | 36.39 | 286 | 151 | A | H |
| | | 7125.93 | 53.18 | -35.02 | 88.2 | 42.61 | 36.4 | 10.54 | 36.37 | 286 | 151 | P | H |
| | | 7126.2 | 44.46 | -23.74 | 68.2 | 33.89 | 36.4 | 10.54 | 36.37 | 286 | 151 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7025 | 100.08 | - | - | 90.06 | 35.95 | 10.46 | 36.39 | 100 | 209 | P | V |
| | * | 7025 | 90.33 | - | -- | 80.31 | 35.95 | 10.46 | 36.39 | 100 | 209 | A | V |
| | | 7125.93 | 54.92 | -33.28 | 88.2 | 44.35 | 36.4 | 10.54 | 36.37 | 100 | 209 | P | V |
| | | 7131.33 | 44.96 | -23.24 | 68.2 | 34.35 | 36.43 | 10.55 | 36.37 | 100 | 209 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

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

## Band 8 - 6875~7125MHz

## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 207 6985MHz | * | 6985 | 93.86 | 5.66 | 88.2 | 84.07 | 35.74 | 10.44 | 36.39 | 100 | 43 | P | H |
| | * | 6985 | 84.75 | 16.55 | 68.2 | 74.96 | 35.74 | 10.44 | 36.39 | 100 | 43 | A | H |
| | | 7131.95 | 69.46 | -18.74 | 88.2 | 58.85 | 36.43 | 10.55 | 36.37 | 100 | 43 | P | H |
| | | 7131.95 | 59.71 | -8.49 | 68.2 | 49.1 | 36.43 | 10.55 | 36.37 | 100 | 43 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6985 | 96.27 | 8.07 | 88.2 | 86.48 | 35.74 | 10.44 | 36.39 | 350 | 191 | P | V |
| | * | 6985 | 87.94 | 19.74 | 68.2 | 78.15 | 35.74 | 10.44 | 36.39 | 350 | 191 | A | V |
| | | 7130.55 | 72.38 | -15.82 | 88.2 | 61.79 | 36.42 | 10.54 | 36.37 | 350 | 191 | P | V |
| | | 7130.55 | 61.32 | -6.88 | 68.2 | 50.73 | 36.42 | 10.54 | 36.37 | 350 | 191 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Band 8 - 6875~7125MHz

## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

| WIFI Ant. 3+4 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11be EHT160 Full CH 207 6985MHz | | 13970 | 51.69 | -36.51 | 88.2 | 60.11 | 40.07 | 14.69 | 63.18 | - | - | P | H |
| | | 13970 | 42.49 | -25.71 | 68.2 | 50.91 | 40.07 | 14.69 | 63.18 | - | - | A | H |
| | | 20955 | 40.51 | -33.49 | 74 | 60.6 | 37.88 | -3.16 | 54.81 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13970 | 52.24 | -35.96 | 88.2 | 60.66 | 40.07 | 14.69 | 63.18 | - | - | P | V |
| | | 13970 | 43.04 | -25.16 | 68.2 | 51.46 | 40.07 | 14.69 | 63.18 | - | - | A | V |
| | | 20955 | 41.2 | -32.8 | 74 | 61.29 | 37.88 | -3.16 | 54.81 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

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

## Emission below 1GHz

## WIFI 802.11be EHT160 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. | |
| 3+4 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 30 | 23.49 | -16.51 | 40 | 30.83 | 24.41 | 0.64 | 32.39 | - | - | P | H |
| | | 74.28 | 26.93 | -13.07 | 40 | 45.52 | 12.75 | 1.07 | 32.41 | - | - | P | H |
| | | 123.78 | 26.41 | -17.09 | 43.5 | 39.98 | 17.55 | 1.33 | 32.45 | - | - | P | H |
| | | 164.64 | 23.95 | -19.55 | 43.5 | 38.63 | 16.1 | 1.62 | 32.4 | - | - | P | H |
| | | 729.6 | 32.54 | -13.46 | 46 | 34.26 | 27.27 | 3.27 | 32.26 | - | - | P | H |
| | | 885.6 | 37.77 | -8.23 | 46 | 36.92 | 28.76 | 3.65 | 31.56 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 802.11be | | | | | | | | | | | | | H |
| EHT160 | | | | | | | | | | | | | H |
| Full | | 30.72 | 33.53 | -6.47 | 40 | 41.02 | 24.24 | 0.66 | 32.39 | - | - | P | V |
| LF | | 49.8 | 33.48 | -6.52 | 40 | 50.54 | 14.5 | 0.9 | 32.46 | - | - | P | V |
| | | 74.28 | 31.05 | -8.95 | 40 | 49.64 | 12.75 | 1.07 | 32.41 | - | - | P | V |
| | | 91.02 | 26.73 | -16.77 | 43.5 | 43.04 | 14.92 | 1.18 | 32.41 | - | - | P | V |
| | | 728.8 | 35.84 | -10.16 | 46 | 37.61 | 27.23 | 3.26 | 32.26 | - | - | P | V |
| | | 892 | 37.72 | -8.28 | 46 | 36.74 | 28.83 | 3.67 | 31.52 | - | - | 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. | |
| 3+4 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a CH 01 5955MHz | | 5925 | 55.45 | -32.75 | 88.2 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| | | 5925 | 43.54 | -24.66 | 68.2 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

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

**For Peak Limit @ 5925MHz:**

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 88.2(dBμV/m)

= -32.75(dB)

**For Average Limit @ 5925MHz:**

1. Level(dBμV/m)

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

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

= 43.54(dBμV/m)

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

= 43.54 (dBμV/m) – 68.2(dBμV/m)

= -24.66(dB)

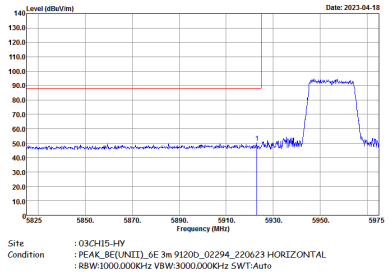
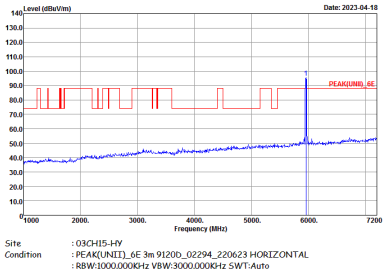
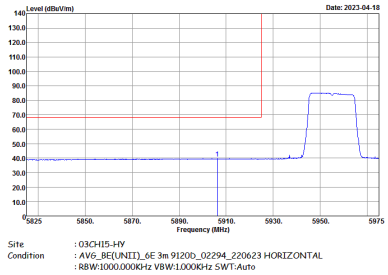
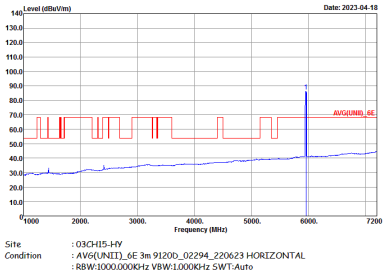
**Both peak and average measured complies with the limit line, so test result is "PASS".**

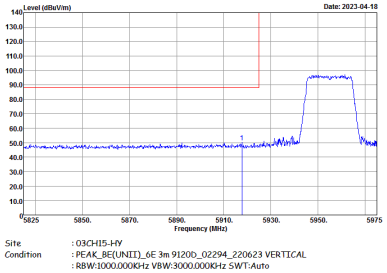
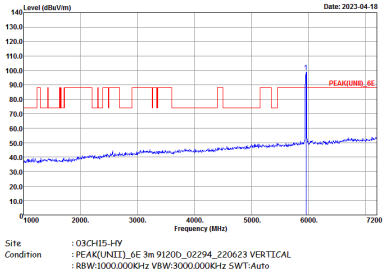
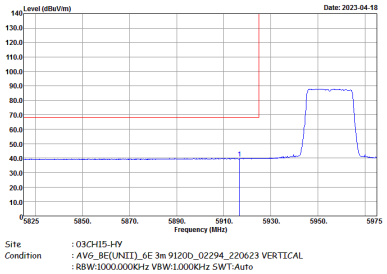
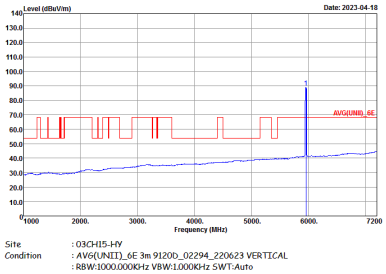
# Appendix D. Radiated Spurious Emission Plots

| | | | |
|---|---|---|---|
| **Test Engineer :** | Bigshow Wang, Quentin Liu and Eric Xiao | **Temperature :** | 21~26°C |
| | | **Relative Humidity :** | 45~60% |

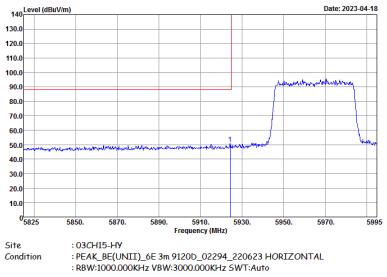
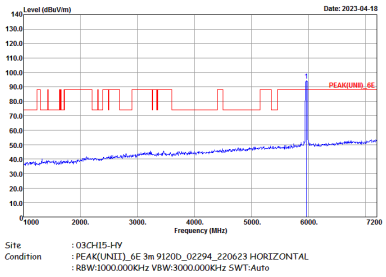
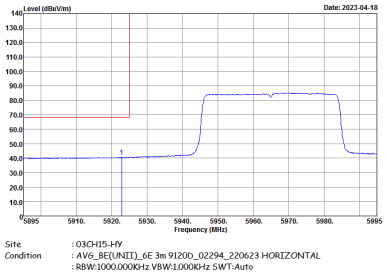
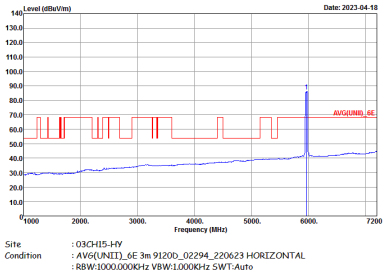
## Band 5 - 5925~6425MHz

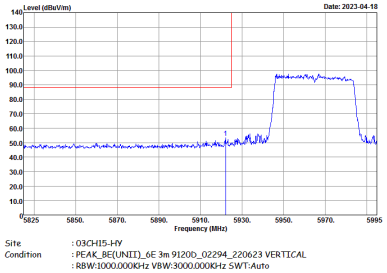
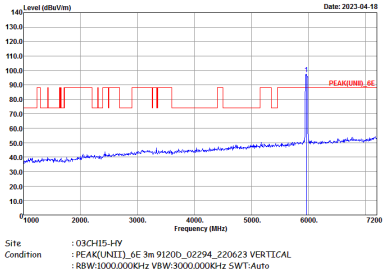
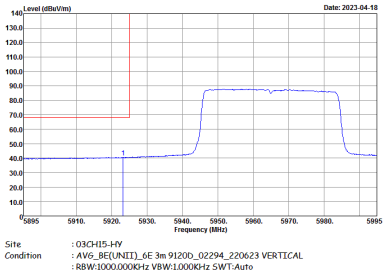
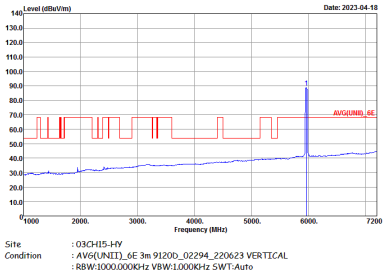
## WIFI 802.11be EHT20 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT20 Full CH01 5955MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

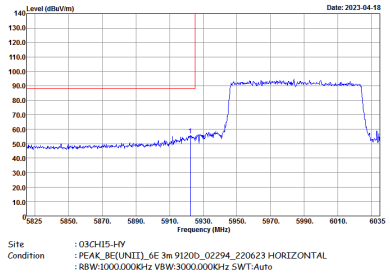
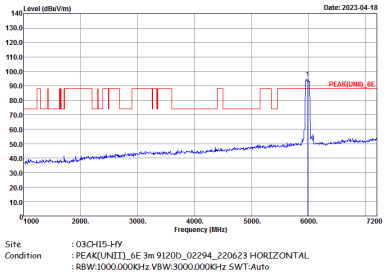
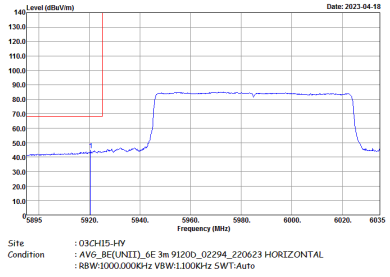
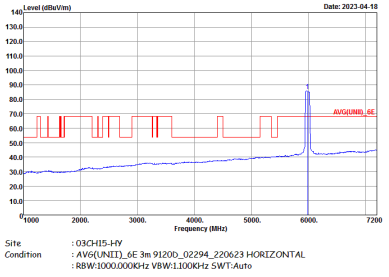
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT20 Full CH01 5955MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

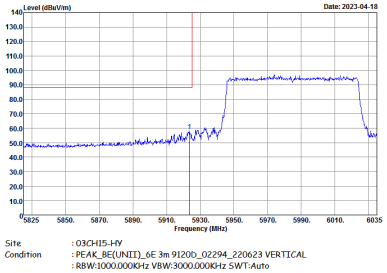
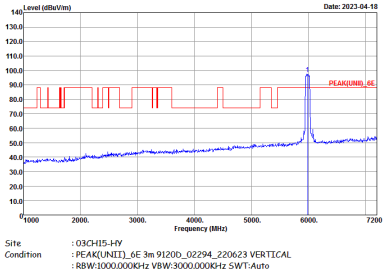
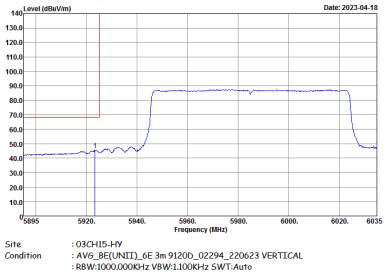
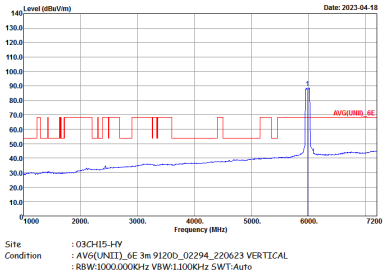
## Band 5 5925~6425MHz
## WIFI 802.11be EHT40 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT40 Full CH03 5965MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT40 Full CH03 5965MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

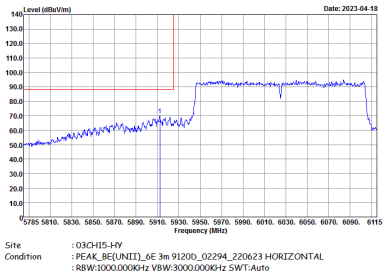
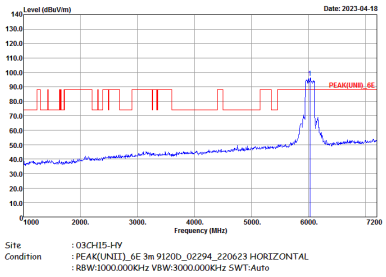
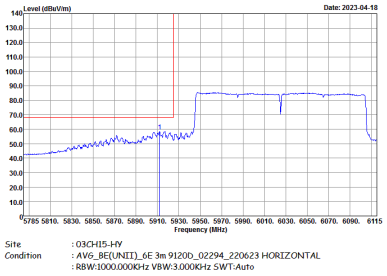
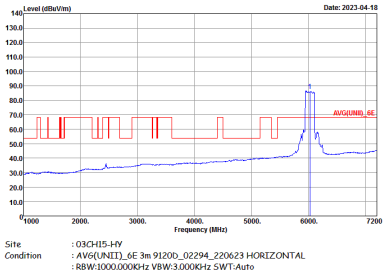
## Band 5 5925~6425MHz
## WIFI 802.11be EHT80 Full (Band Edge @ 3m)

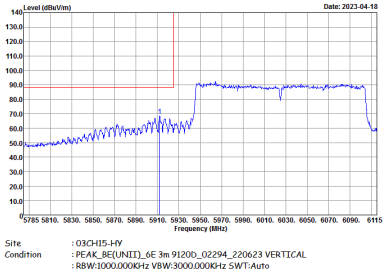
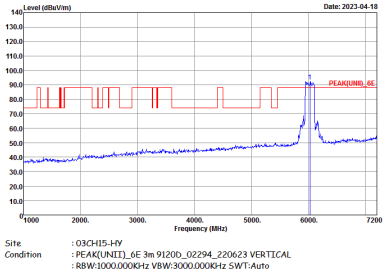
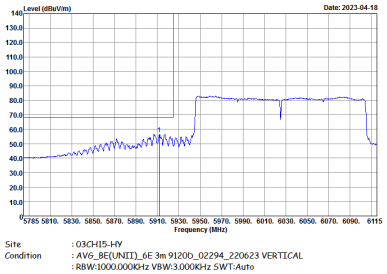
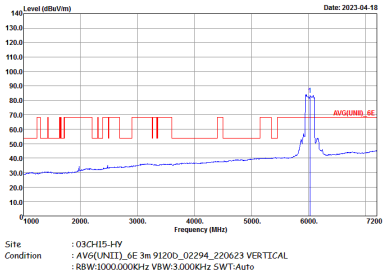
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT80 Full CH07 5985MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

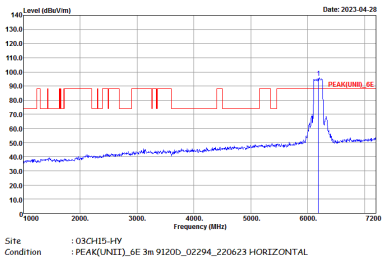
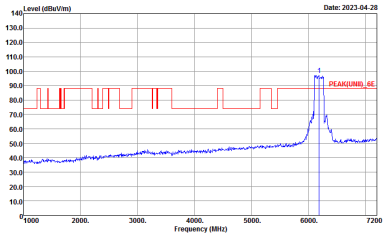
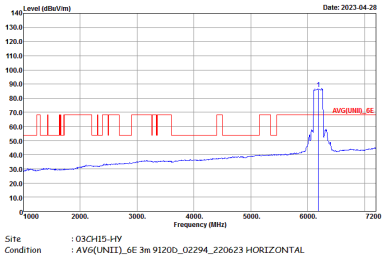
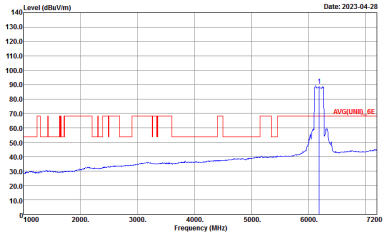
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT80 Full CH07 5985MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

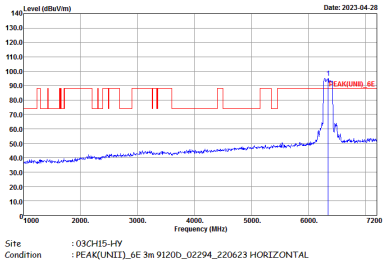
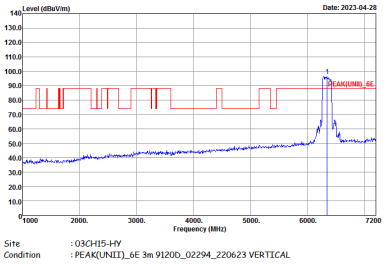
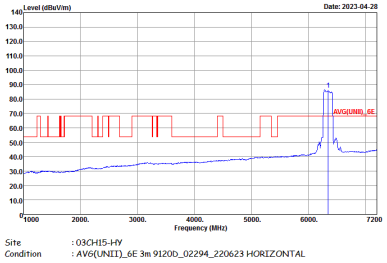
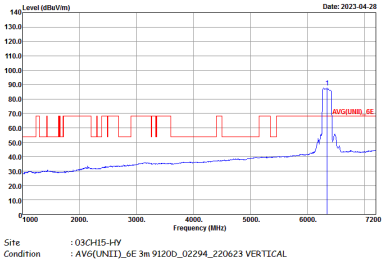
## Band 5 5925~6425MHz

## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH15 6025MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

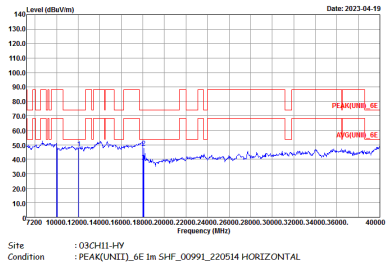
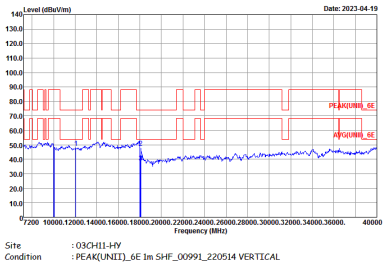
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH15 6025MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

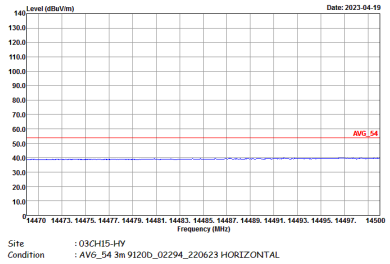
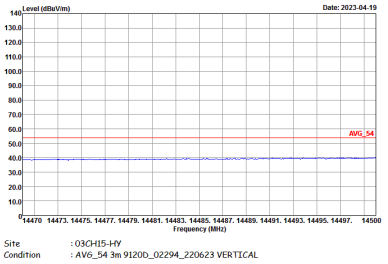
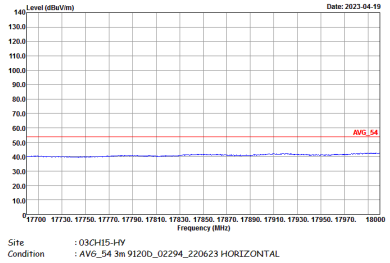
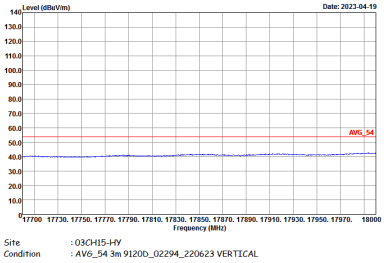
| WIFI | Band 5 5925~6425MHz Fundamental @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH47 6185MHz | |
| 3+4 | Horizontal | Vertical |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AV6(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : AV6(UNII)_6E 3m 9120D_02294_220623 VERTICAL |

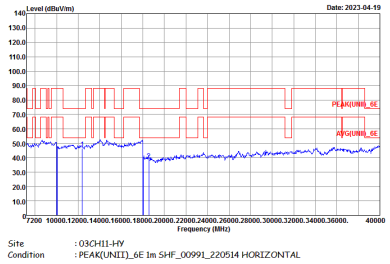
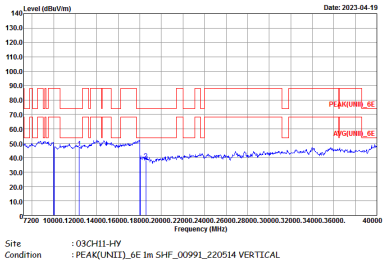
| WIFI | Band 5 5925~6425MHz Fundamental @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH79 6345MHz | |
| 3+4 | Horizontal | Vertical |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL |

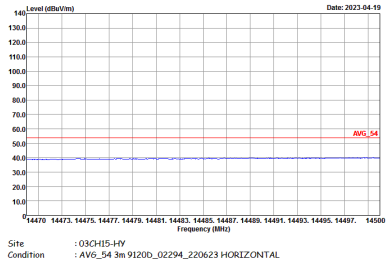
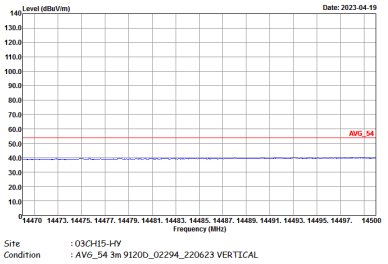
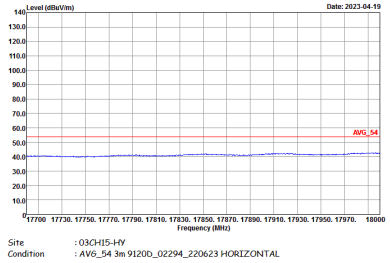
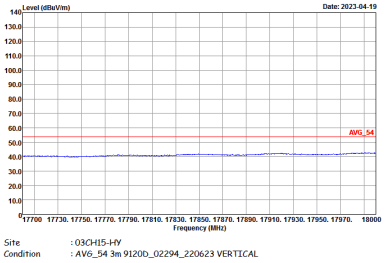
## Band 5 - 5925~6425MHz

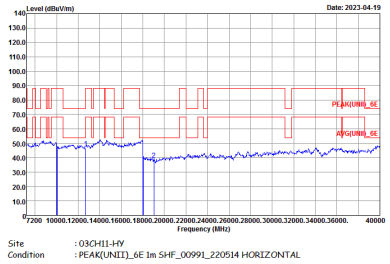
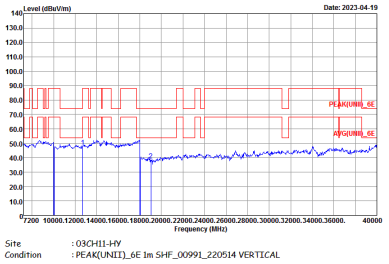
## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

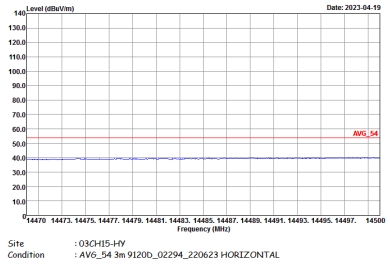
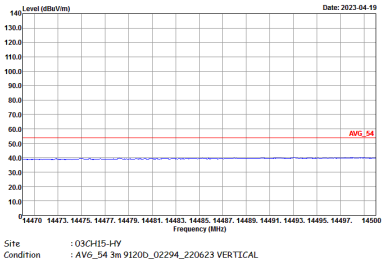
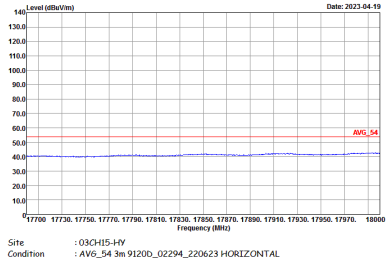
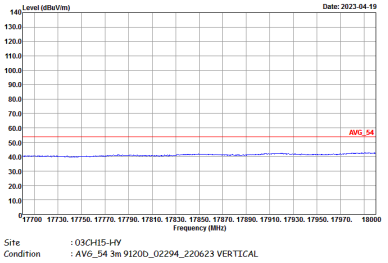
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH15 6025MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH15 6025MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH47 6185MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  <br>Site : 03CH11-HV<br>Condition : PEAK(UNII)_6E 1m SHF_00991_220514 HORIZONTAL |  <br>Site : 03CH11-HV<br>Condition : PEAK(UNII)_6E 1m SHF_00991_220514 VERTICAL |

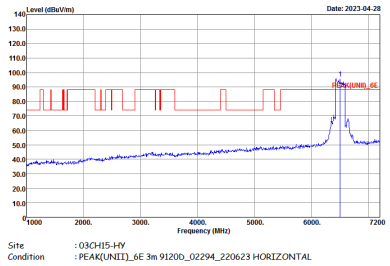
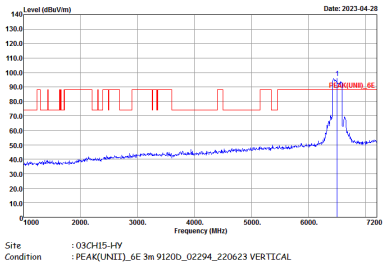
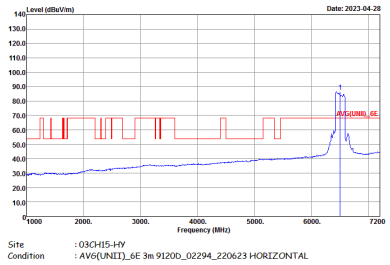
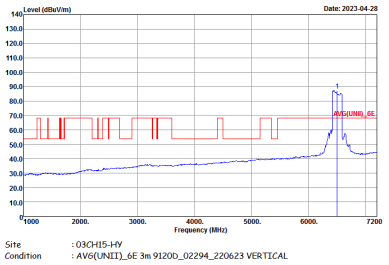
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH47 6185MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH79 6345MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH79 6345MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

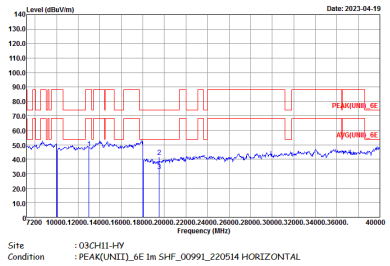
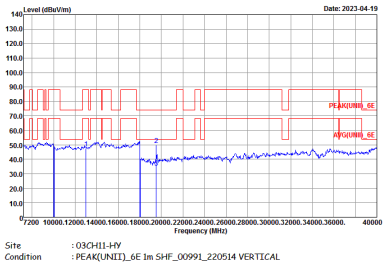
## Band 6 - 6425~6525MHz

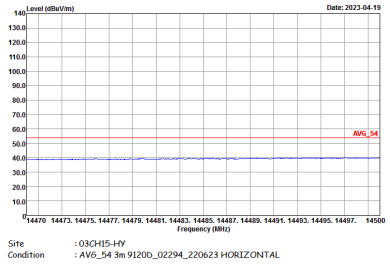
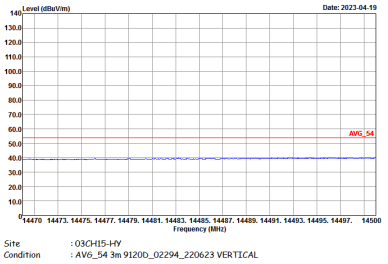
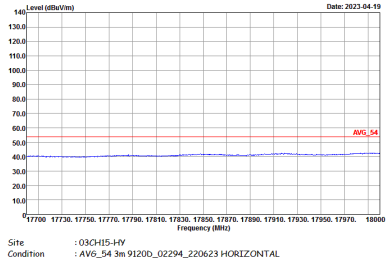
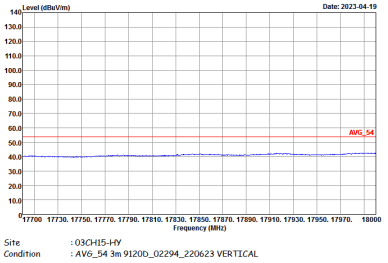
## WIFI 802.11be EHT160 Full (Fundamental @ 3m)

| WIFI | Band 6 6425~6525MHz Fundamental @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH111 6505MHz | |
| 3+4 | Horizontal | Vertical |
| Peak |  |  |
| Avg |  |  |

## Band 6 - 6425~6525MHz

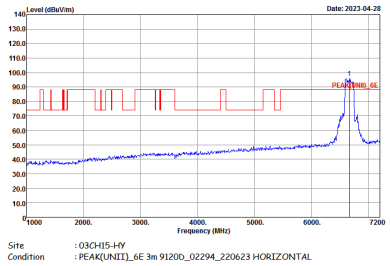
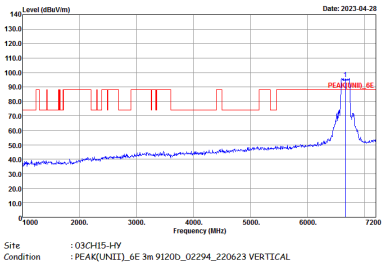
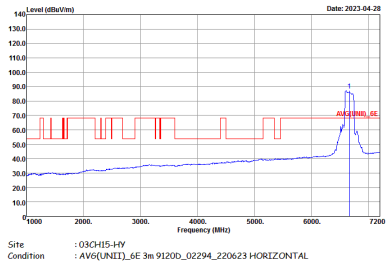
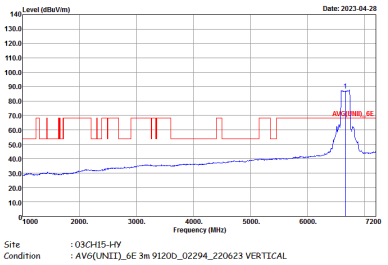
## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

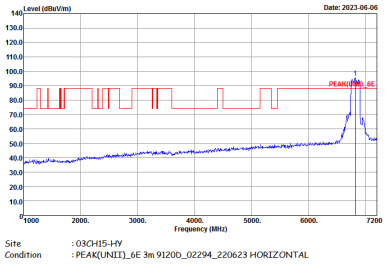
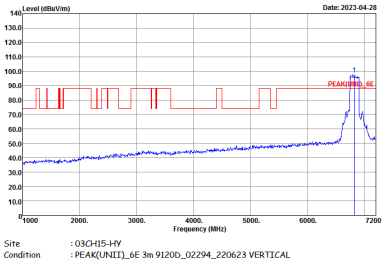
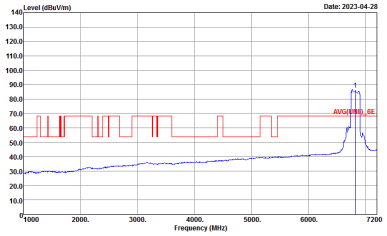
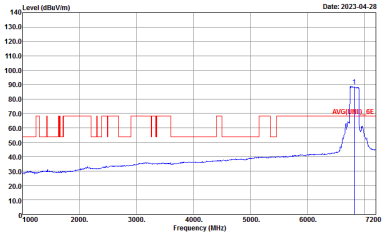
| WIFI | Band 6 6425~6525MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH111 6505MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | Band 6 6425~6525MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH111 6505MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

## Band 7 - 6525~6875MHz

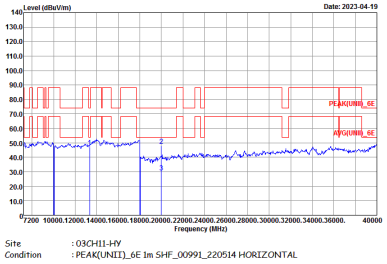
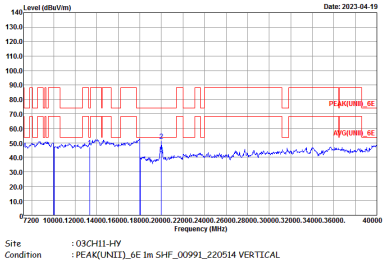
## WIFI 802.11be EHT160 Full (Fundamental @ 3m)

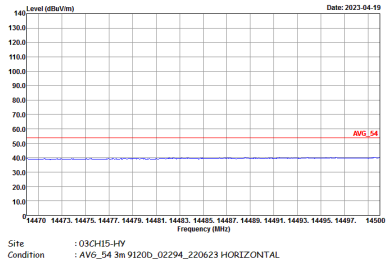
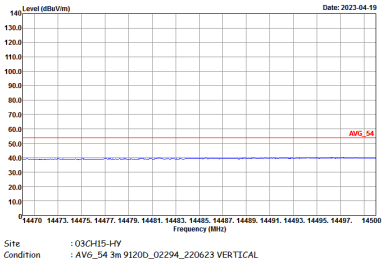
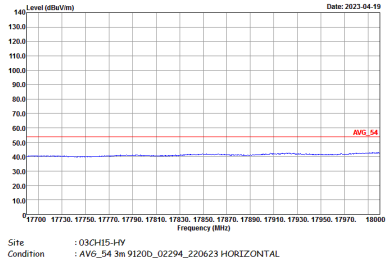
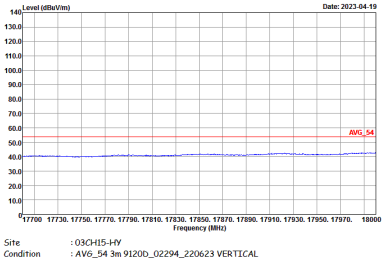
| WIFI | Band 7 6525~6875MHz Fundamental @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH143 6665MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg |  |  |

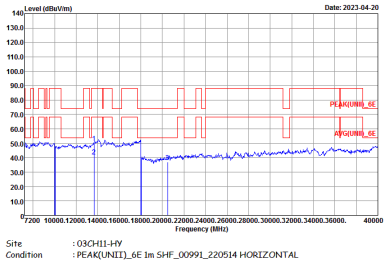
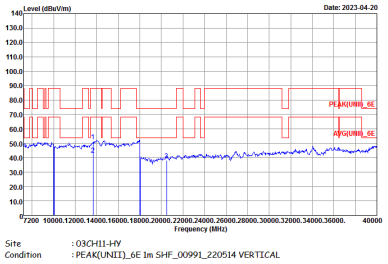
| WIFI | Band 7 6525~6875MHz Fundamental @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH175 6825MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL |
| Avg |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL |

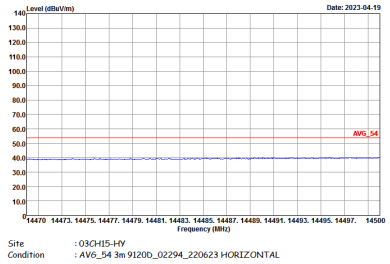
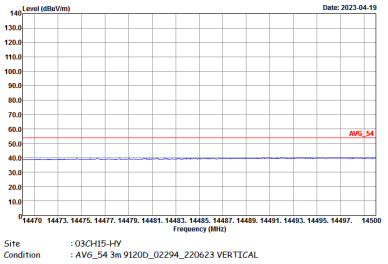
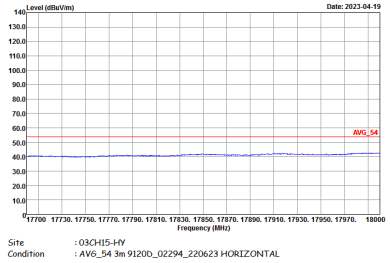
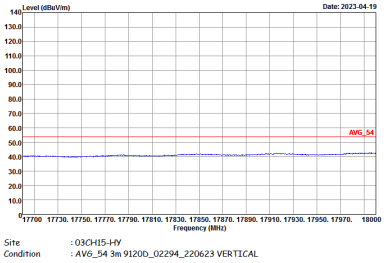
## Band 7 - 6525~6875MHz

## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

| WIFI | Band 7 6525~6875MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH143 6665MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

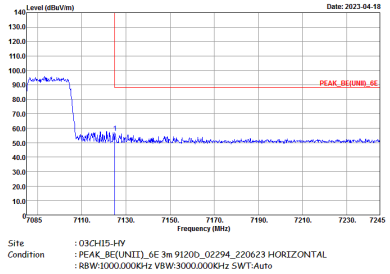
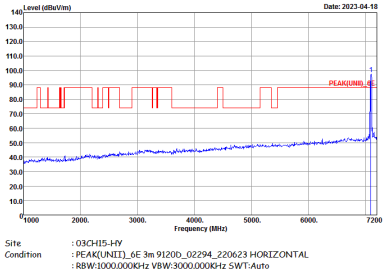
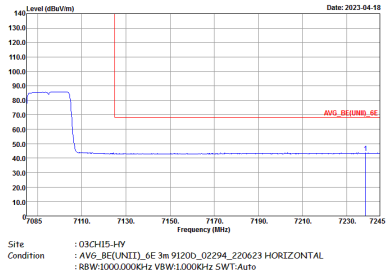
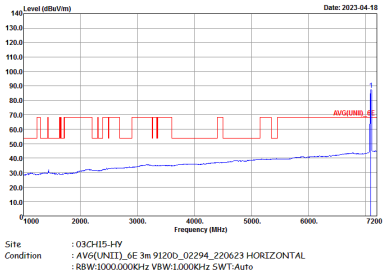
| WIFI | Band 7 6525~6875MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH143 6665MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

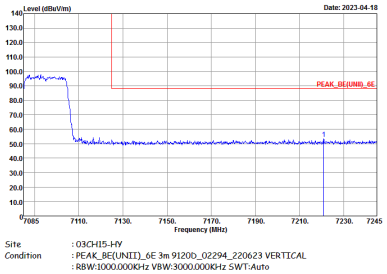
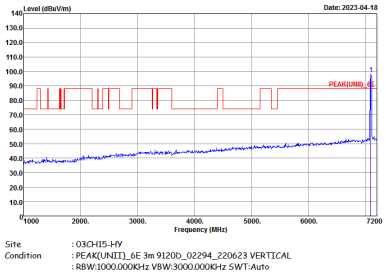
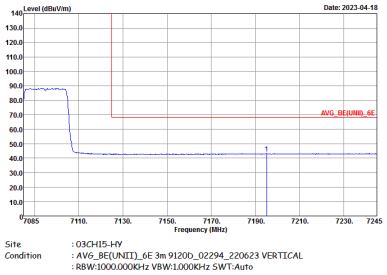
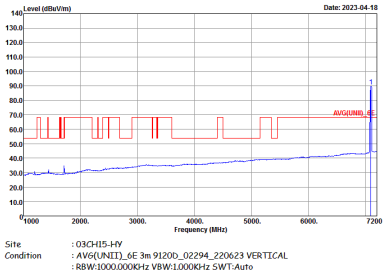
| WIFI | Band 7 6525~6875MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH175 6825MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  <br><br>Site : 03CH11-HY<br>Condition : PEAK(UNII)_6E 1m SHF_00991_220514 HORIZONTAL |  <br><br>Site : 03CH11-HY<br>Condition : PEAK(UNII)_6E 1m SHF_00991_220514 VERTICAL |

| WIFI | Band 7 6525~6875MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH175 6825MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

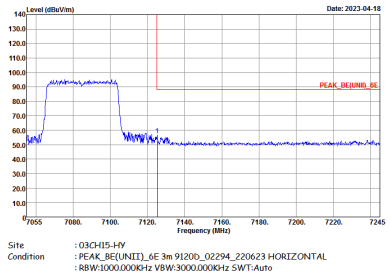
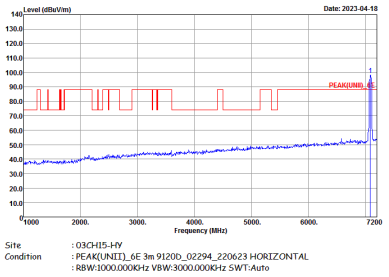
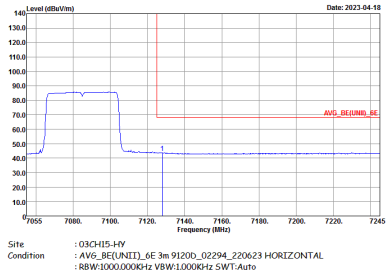
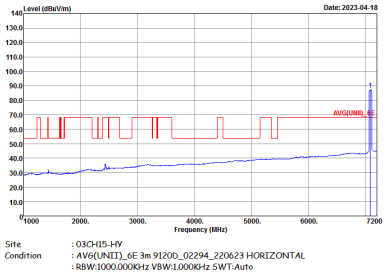
## Band 8 - 6875~7125MHz

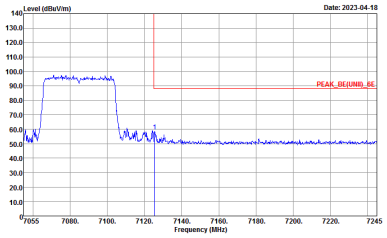
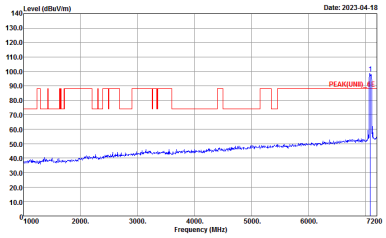
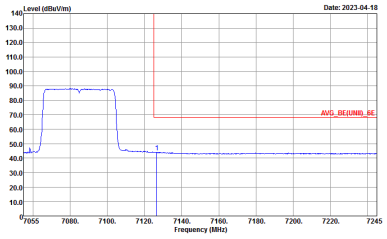
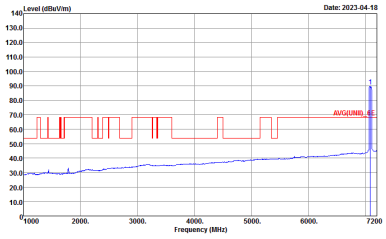
## WIFI 802.11be EHT20 Full (Band Edge @ 3m)

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT20 Full CH229 7095MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

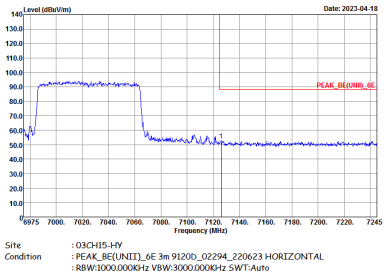
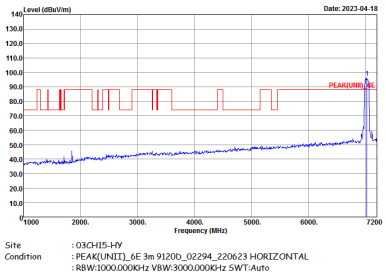
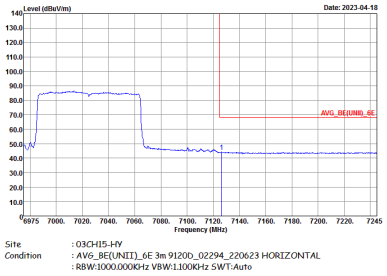
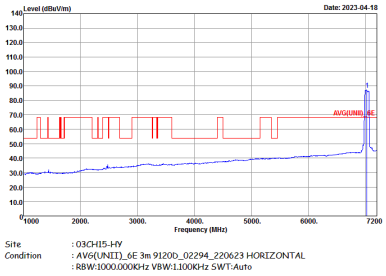
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT20 Full CH229 7095MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto |

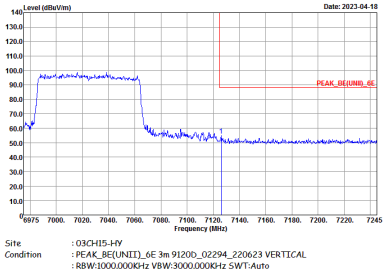
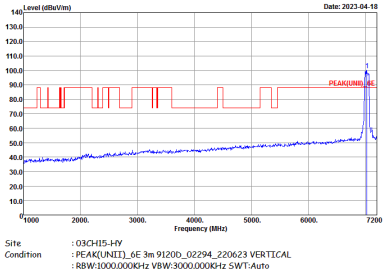
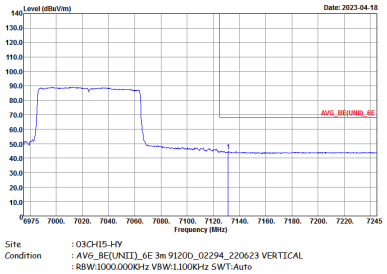
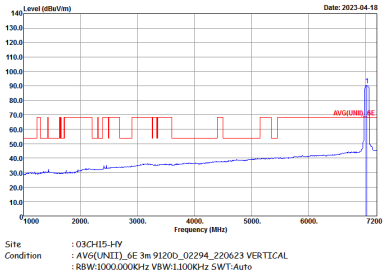
## Band 8 - 6875~7125MHz
## WIFI 802.11be EHT40 Full (Band Edge @ 3m)

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT40 Full CH227 7085MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT40 Full CH227 7085MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto |

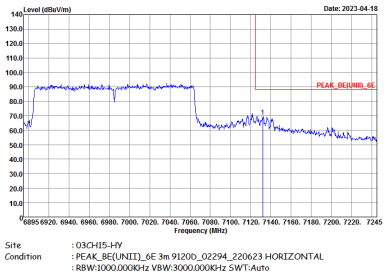
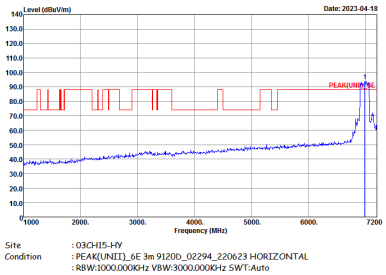
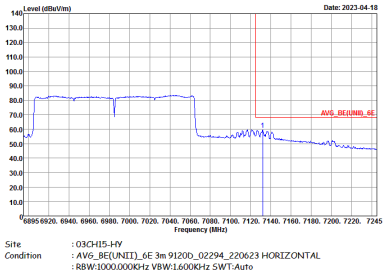
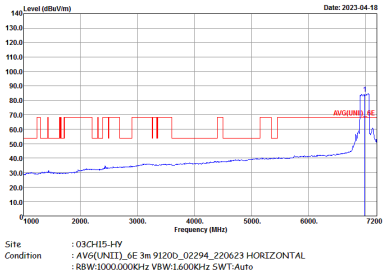
## Band 8 - 6875~7125MHz
## WIFI 802.11be EHT80 Full (Band Edge @ 3m)

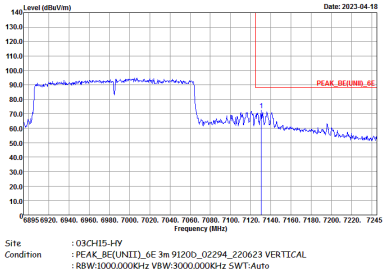
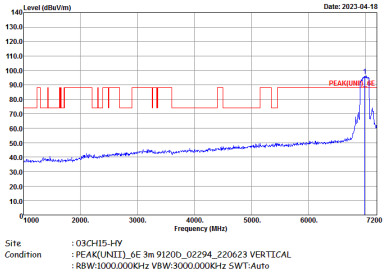
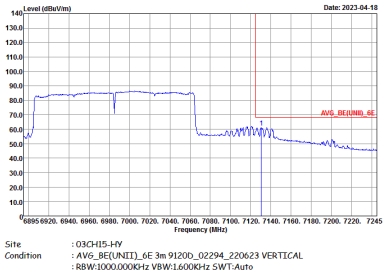
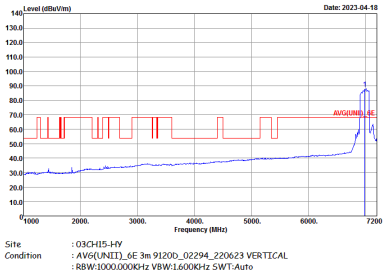
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT80 Full CH215 7025MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT80 Full CH215 7025MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.100KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1.100KHz SWT:Auto |

## Band 8 - 6875~7125MHz

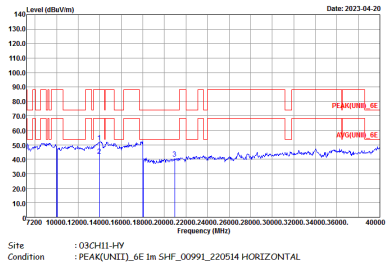
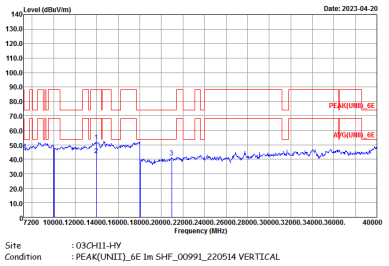
## WIFI 802.11be EHT160 Full (Band Edge @ 3m)

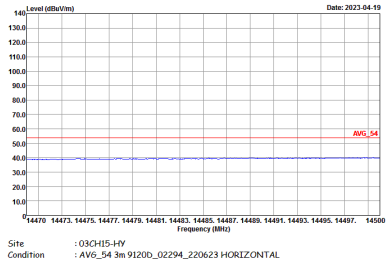
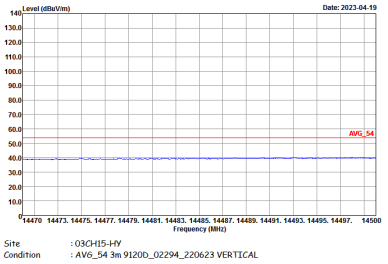
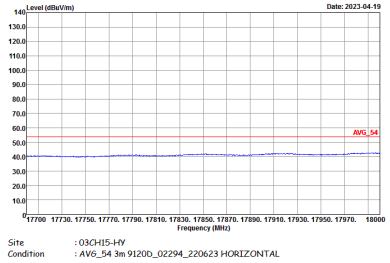
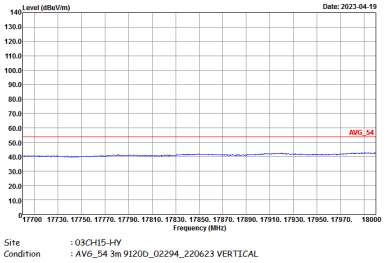
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH207 6985MHz | |
| 3+4 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL<br>: RBW:1000.000KHz VBW:1600KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL<br>: RBW:1000.000KHz VBW:1600KHz SWT:Auto |

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH207 6985MHz | |
| 3+4 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH15-HY<br>Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto |
| Avg. |  <br>Site : 03CH15-HY<br>Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1600KHz SWT:Auto |  <br>Site : 03CH15-HY<br>Condition : AVG(UNII)_6E 3m 9120D_02294_220623 VERTICAL<br>: RBW:1000.000KHz VBW:1600KHz SWT:Auto |

## Band 8 - 6875~7125MHz

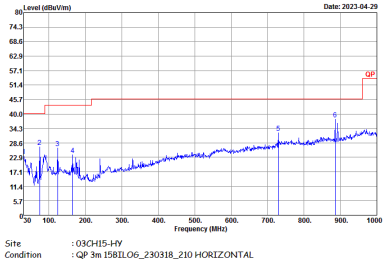
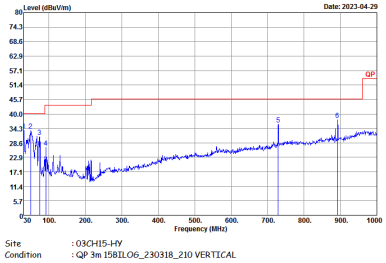
## WIFI 802.11be EHT160 Full (Harmonic @ 3m)

| WIFI | Band 8 6875~7125MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH207 6985MHz | |
| 3+4 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | Band 8 6875~7125MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11be EHT160 Full CH207 6985MHz | |
| 3+4 | Horizontal | Vertical |
| 14.47G ~14.5G Avg. |  |  |
| 17.7G ~18G Avg |  |  |

## Emission below 1GHz

## 5GHz WIFI 802.11be EHT160 Full (LF)

| WIFI | 5GHz WIFI | |
|---|---|---|
| ANT | 802.11be EHT160 Full LF | |
| 3+4 | Horizontal | Vertical |
| QP / Peak |  |  |

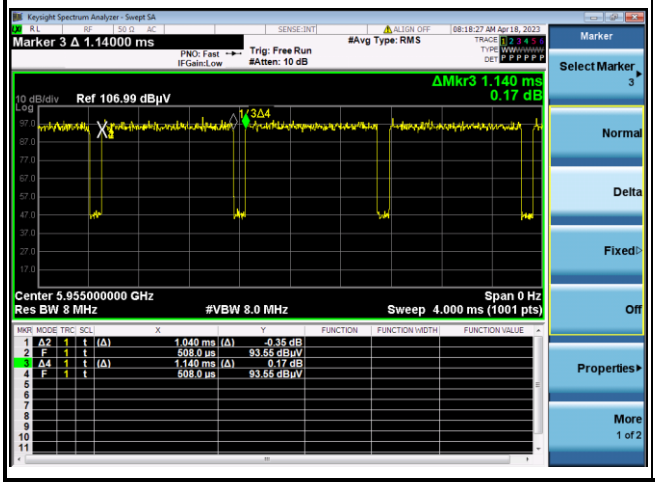
# Appendix E. Duty Cycle Plots

**<For Radiated Spurious Emission test>**

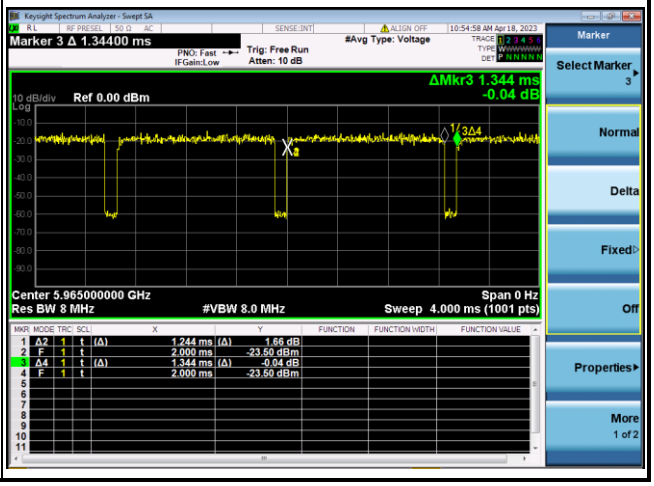
| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---|---|---|---|---|---|
| 3+4 | 6GHz 802.11be EHT20 Full RU | 91.23 | 1040 | 0.96 | 1kHz |
| 3+4 | 6GHz 802.11be EHT40 Full RU | 92.56 | 1244 | 0.80 | 1kHz |
| 3+4 | 6GHz 802.11be EHT80 Full RU | 90.78 | 985 | 1.02 | 3kHz |
| 3+4 | 6GHz 802.11be EHT160 Full RU | 86.48 | 633 | 1.58 | 3kHz |

**MIMO <Ant. 3+4>**

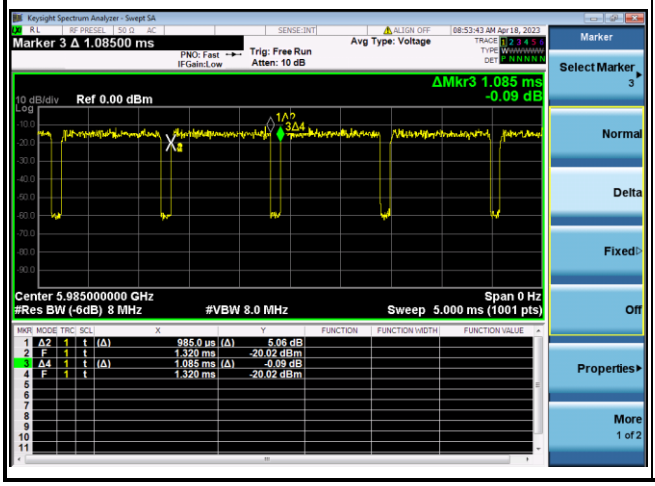
**802.11be EHT20 Full RU**



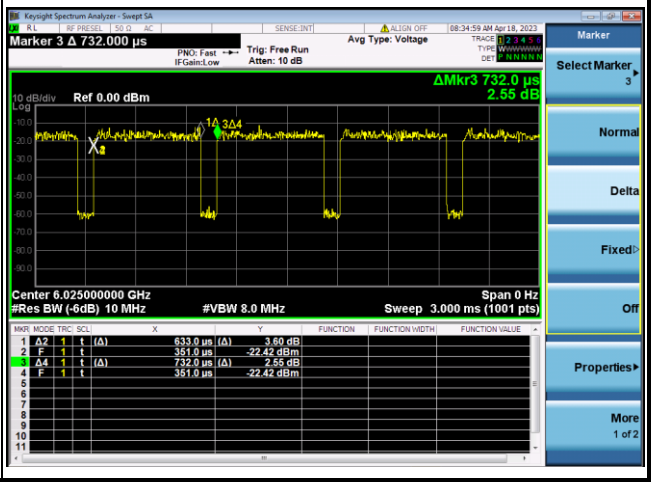

**802.11be EHT40 Full RU**




**802.11be EHT80 Full RU**



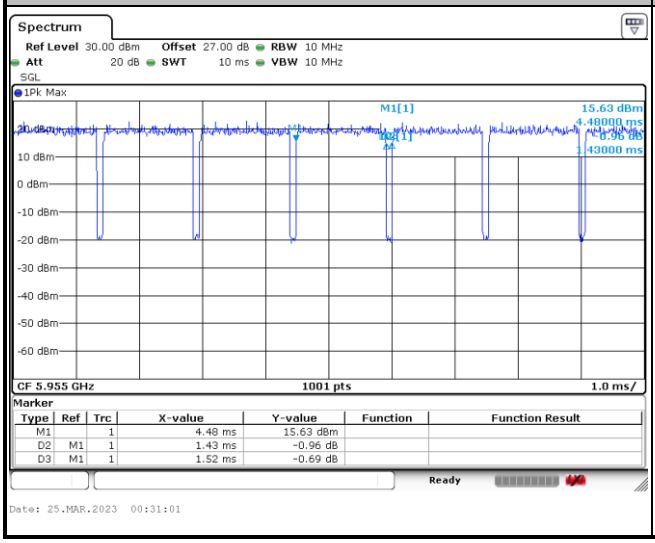
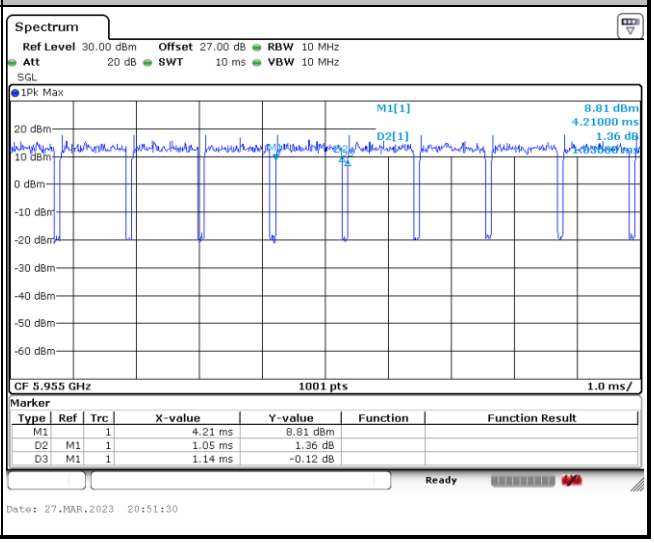
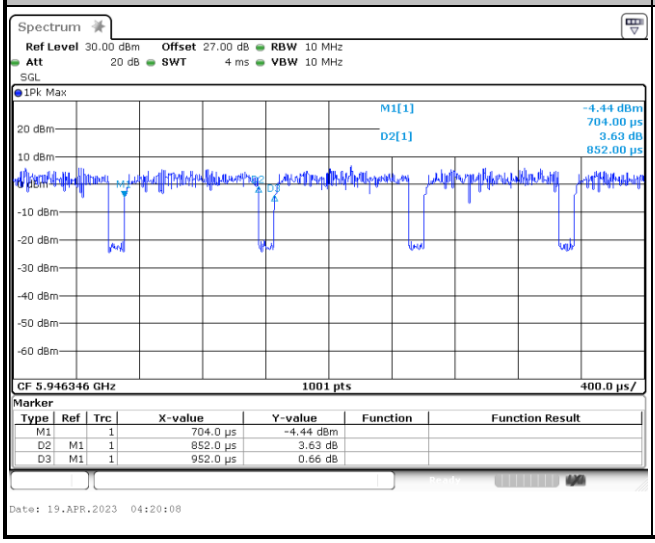
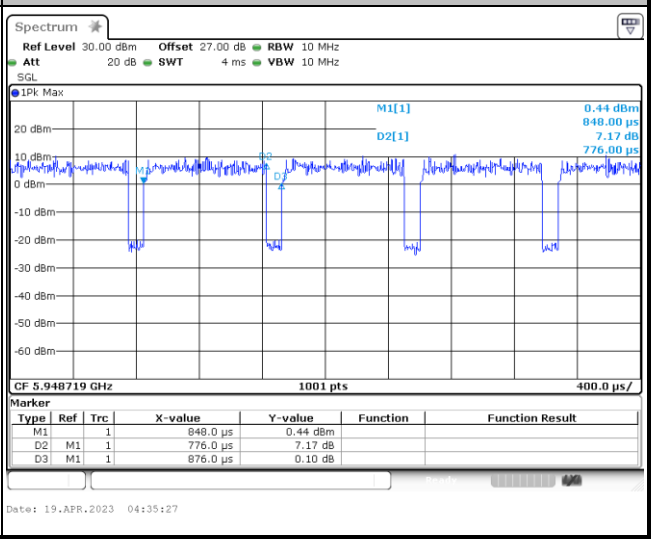

**802.11be EHT160 Full RU**

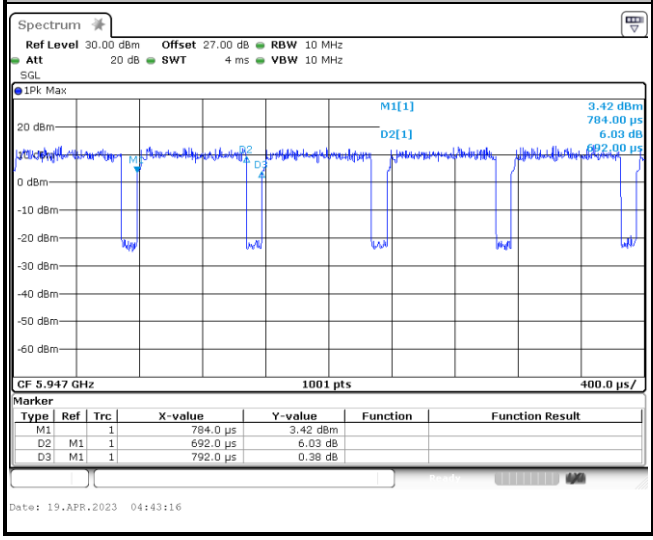
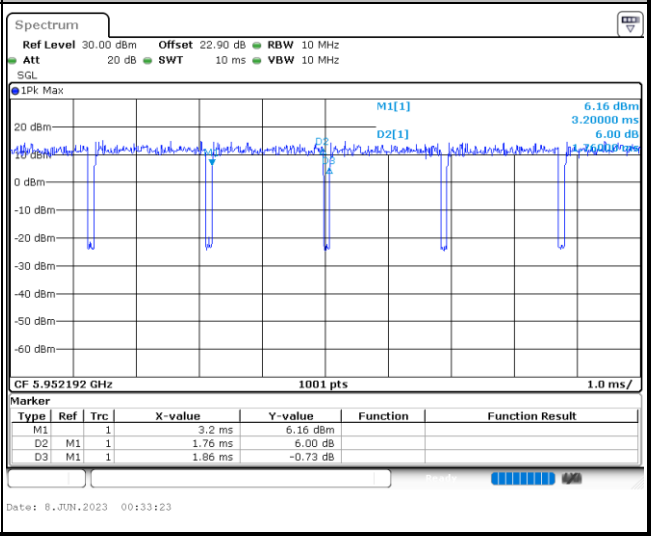
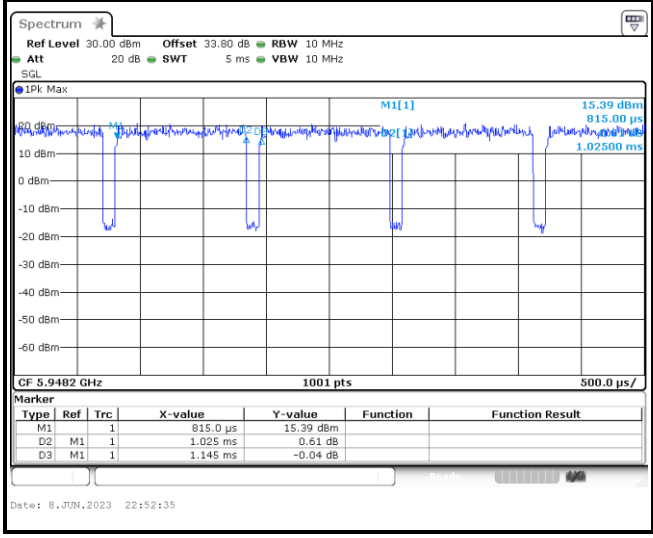
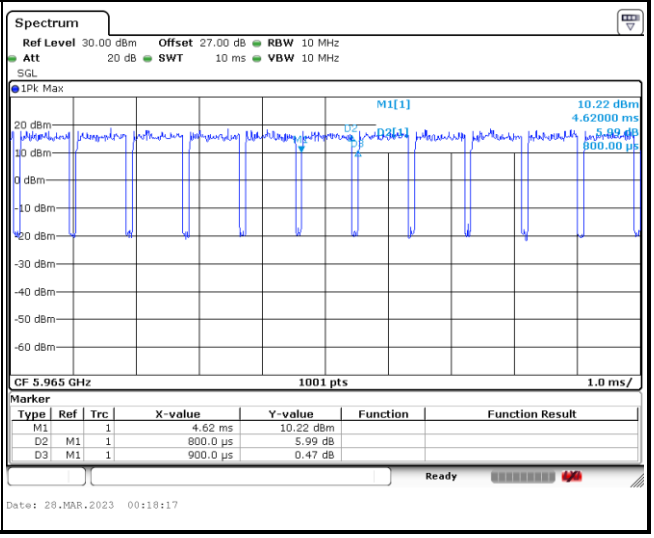


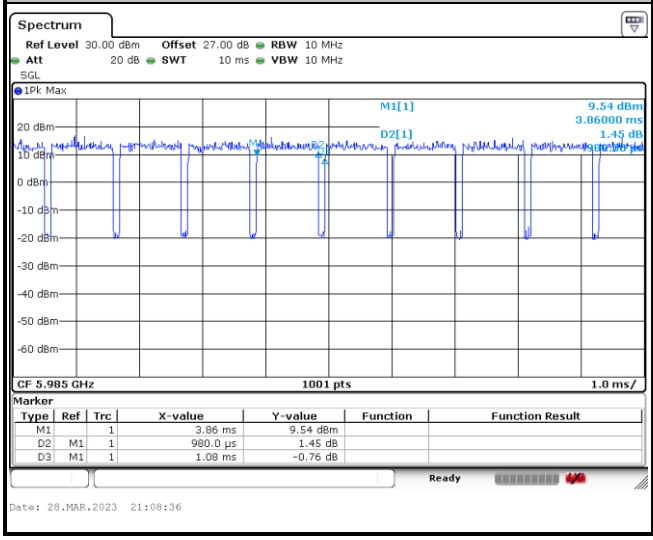
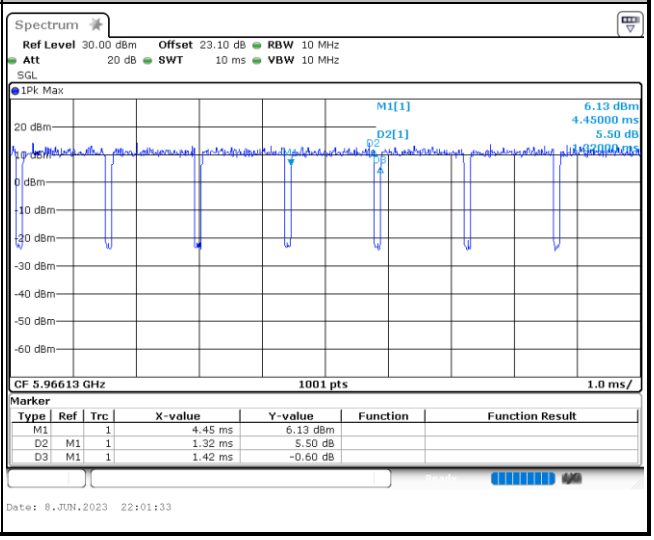
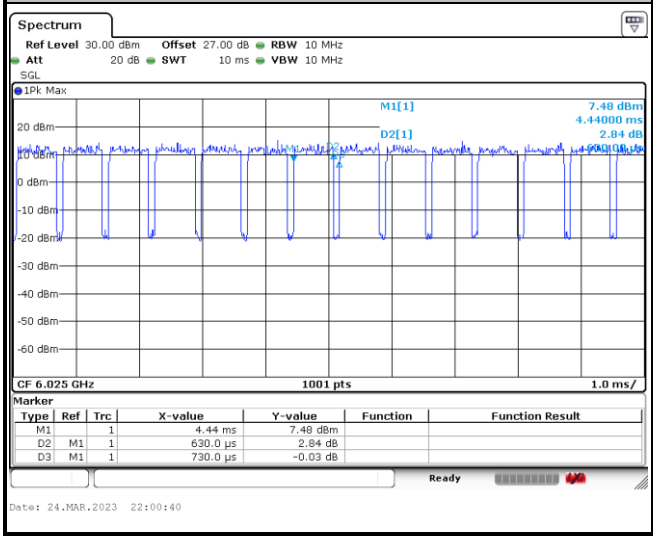
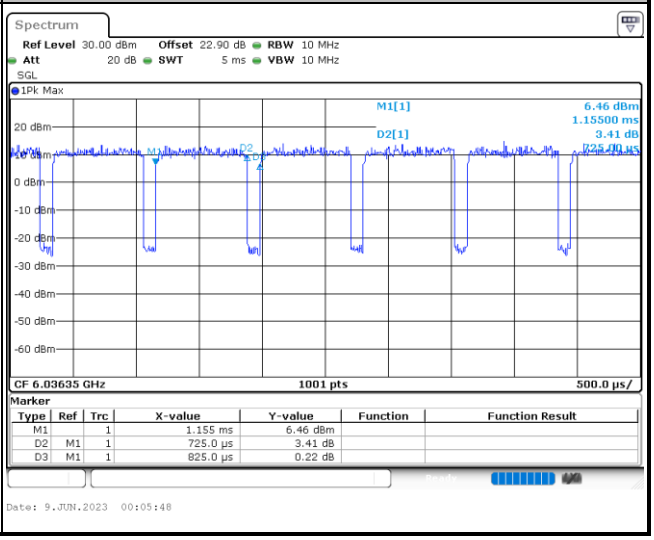
**<For Conducted test>**

| Antenna | Band | Duty Cycle(%) | T(us) | Duty Factor(dB) |
|---|---|---|---|---|
| 3+4 | 6GHz 802.11a for Ant 3 | 94.08 | 1430 | 0.27 |
| 3+4 | 6GHz 802.11a for Ant 4 | 94.04 | 1420 | 0.27 |
| 3+4 | 6GHz 802.11be EHT20 Full RU for Ant 3 | 92.11 | 1050 | 0.36 |
| 3+4 | 6GHz 802.11be EHT20 Full RU for Ant 4 | 91.23 | 1040 | 0.40 |
| 3+4 | 6GHz 802.11be EHT20 26 RU for Ant 3 | 89.50 | 852 | 0.48 |
| 3+4 | 6GHz 802.11be EHT20 26 RU for Ant 4 | 89.08 | 848 | 0.50 |
| 3+4 | 6GHz 802.11be EHT20 52 RU for Ant 3 | 88.58 | 776 | 0.53 |
| 3+4 | 6GHz 802.11be EHT20 52 RU for Ant 4 | 88.64 | 780 | 0.52 |
| 3+4 | 6GHz 802.11be EHT20 106 RU for Ant 3 | 87.37 | 692 | 0.59 |
| 3+4 | 6GHz 802.11be EHT20 106 RU for Ant 4 | 87.45 | 690 | 0.58 |
| 3+4 | 6GHz 802.11be EHT20 MRU 52T+26T70 for Ant 3 | 94.62 | 1760 | 0.24 |
| 3+4 | 6GHz 802.11be EHT20 MRU 52T+26T70 for Ant 4 | 94.94 | 1766 | 0.23 |
| 3+4 | 6GHz 802.11be EHT20 MRU 106T+26T82 for Ant 3 | 89.52 | 1025 | 0.48 |
| 3+4 | 6GHz 802.11be EHT20 MRU 106T+26T82 for Ant 4 | 89.43 | 1015 | 0.49 |
| 3+4 | 6GHz 802.11be EHT40 Full RU for Ant 3 | 88.89 | 800 | 0.51 |
| 3+4 | 6GHz 802.11be EHT40 Full RU for Ant 4 | 88.76 | 790 | 0.52 |
| 3+4 | 6GHz 802.11be EHT80 Full RU for Ant 3 | 90.74 | 980 | 0.42 |
| 3+4 | 6GHz 802.11be EHT80 Full RU for Ant 4 | 89.91 | 980 | 0.46 |
| 3+4 | 6GHz 802.11be EHT80 Puncture 20RU8 for Ant 3 | 92.96 | 1320 | 0.32 |
| 3+4 | 6GHz 802.11be EHT80 Puncture 20RU8 for Ant 4 | 92.96 | 1320 | 0.32 |
| 3+4 | 6GHz 802.11be EHT160 Full RU for Ant 3 | 86.30 | 630 | 0.64 |
| 3+4 | 6GHz 802.11be EHT160 Full RU for Ant 4 | 86.30 | 630 | 0.64 |
| 3+4 | 6GHz 802.11be EHT160 Puncture 20RU128 for Ant 3 | 87.88 | 725 | 0.56 |
| 3+4 | 6GHz 802.11be EHT160 Puncture 20RU128 for Ant 4 | 87.27 | 720 | 0.59 |
| 3+4 | 6GHz 802.11be EHT160 Puncture 40RU192 for Ant 3 | 89.25 | 830 | 0.49 |
| 3+4 | 6GHz 802.11be EHT160 Puncture 40RU192 for Ant 4 | 89.25 | 830 | 0.49 |

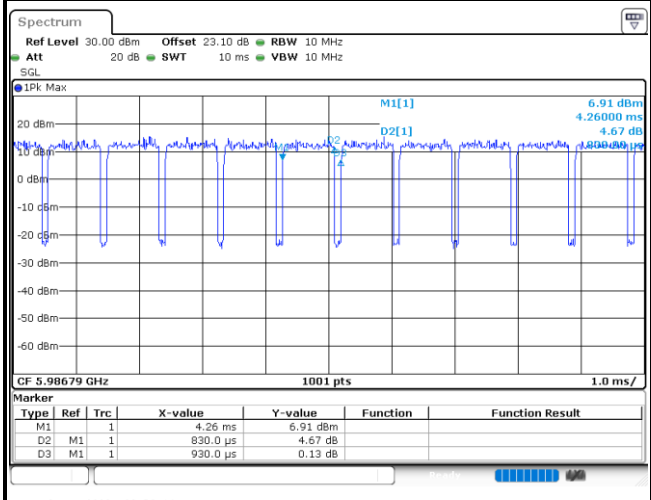
**MIMO <Ant. 3>**

| 802.11a | 802.11be EHT20 Full RU |
|---|---|
|  |  |
| **802.11be EHT20 26 RU** | **802.11be EHT20 52 RU** |
|  |  |

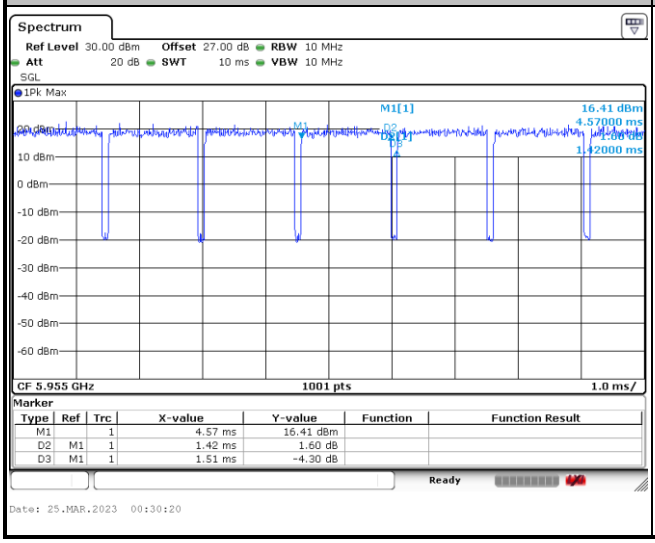
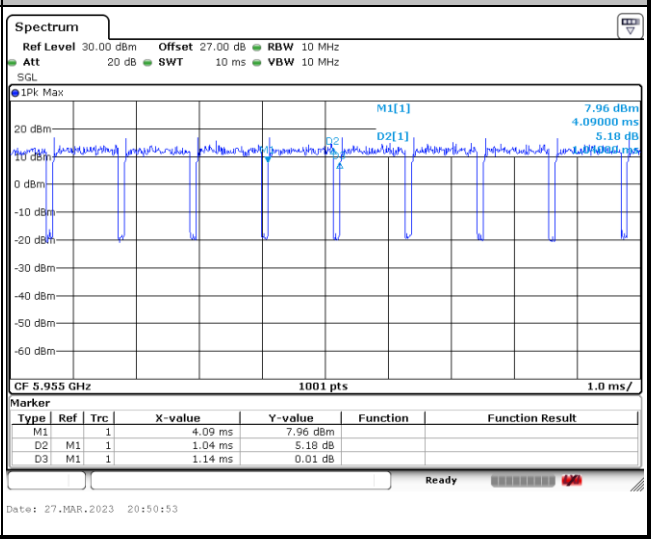
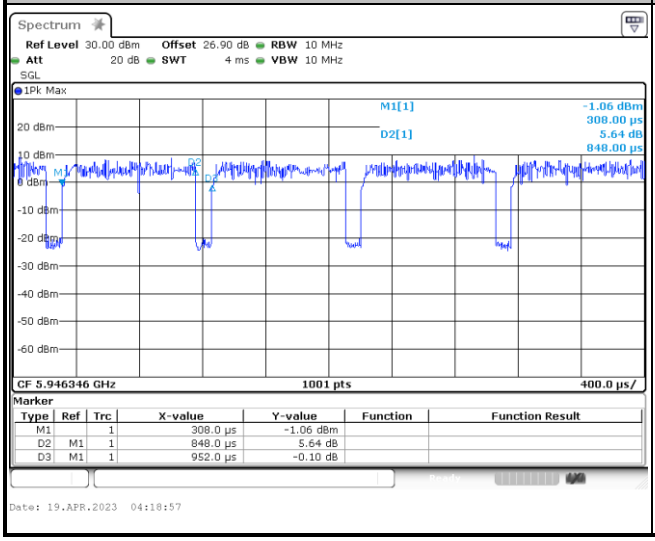
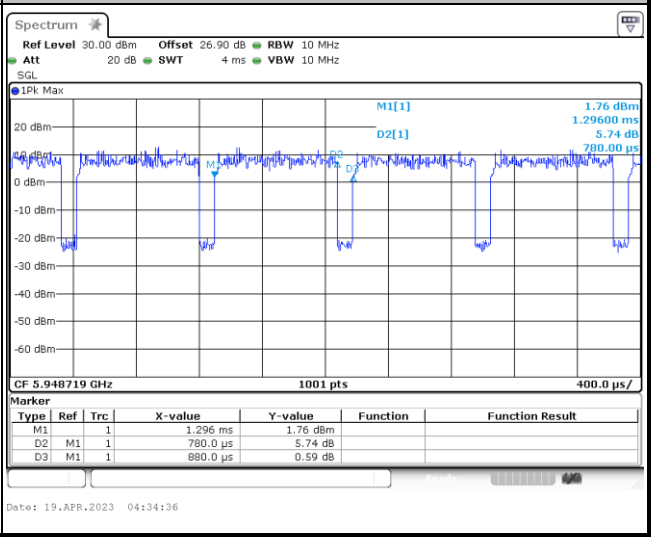
| 802.11be EHT20 106 RU | 802.11be EHT20 MRU 52T+26T70 |
|---|---|
|  |  |
| 802.11be EHT20 MRU 106T+26T82 | 802.11be EHT40 Full RU |
|  |  |

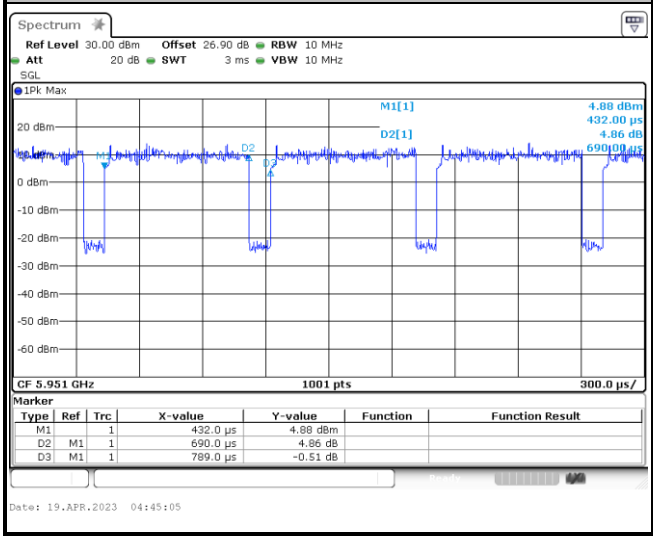
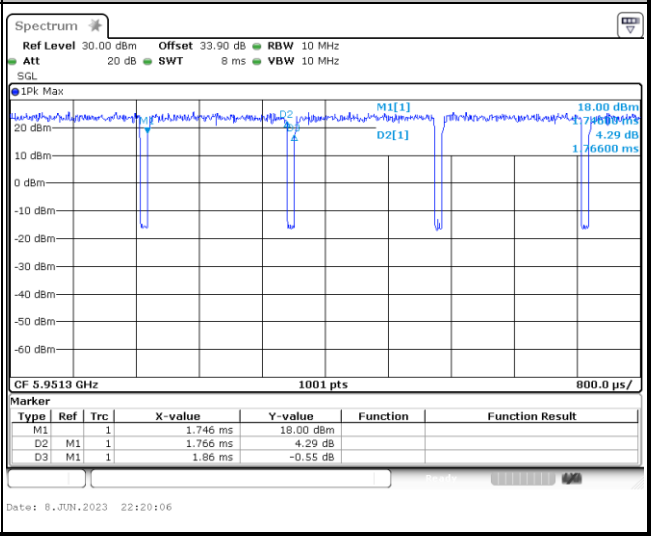
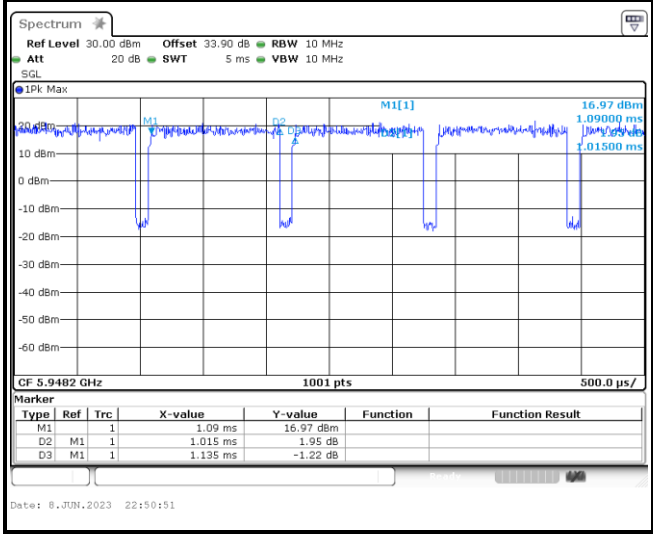
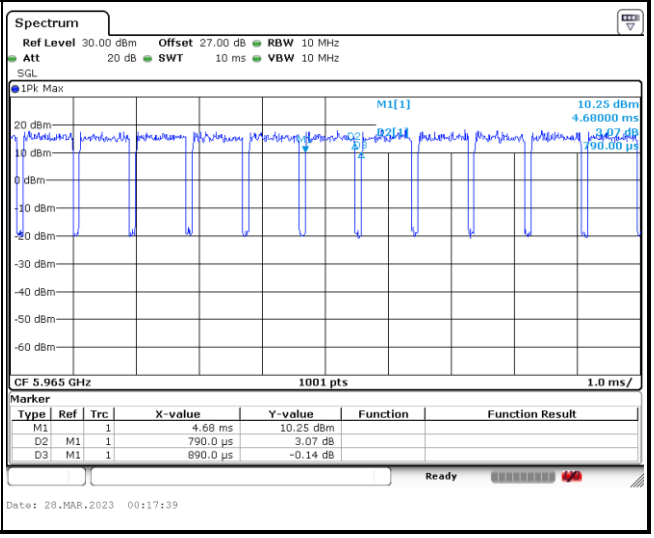
| 802.11be EHT80 Full RU | 802.11be EHT80 Puncture 20RU8 |
|---|---|
|  |  |
| 802.11be EHT160 Full RU | 802.11be EHT160 Puncture 20RU128 |
|  |  |

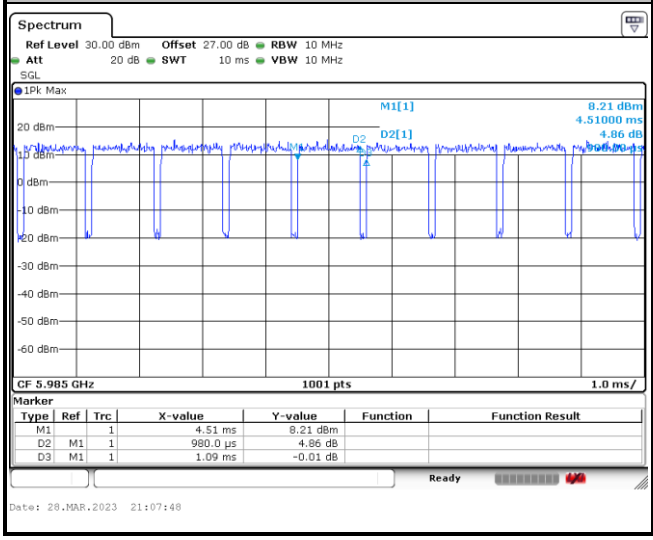
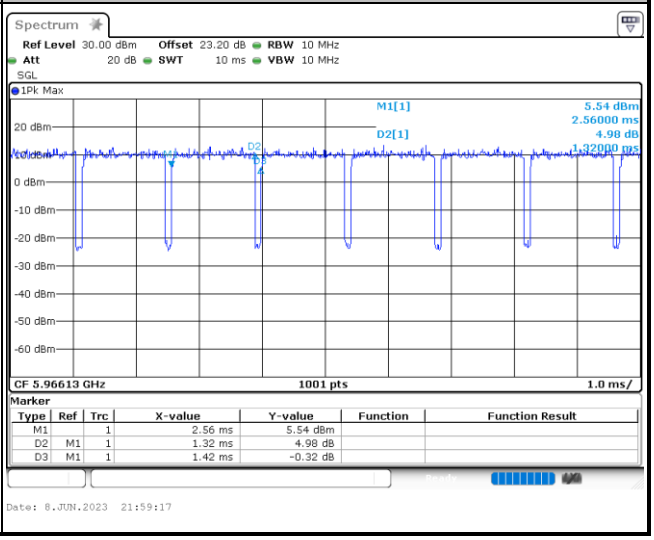
## 802.11be EHT160 Puncture 40RU192



**MIMO <Ant. 4>**

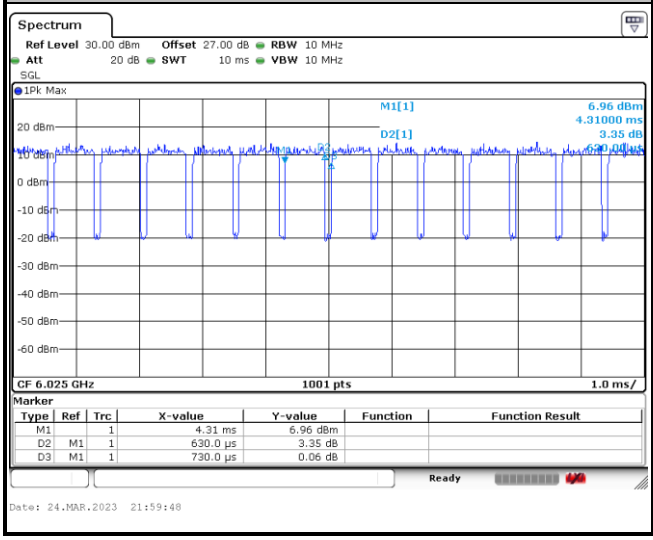
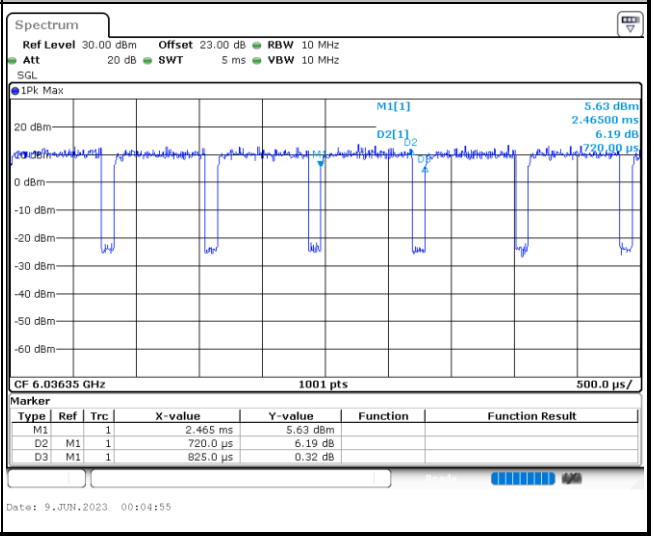
| 802.11a | 802.11be EHT20 Full RU |
|---|---|
|  |  |
| **802.11be EHT20 26 RU** | **802.11be EHT20 52 RU** |
|  |  |

| 802.11be EHT20 106 RU | 802.11be EHT20 MRU 52T+26T70 |
|---|---|
|  |  |
| 802.11be EHT20 MRU 106T+26T82 | 802.11be EHT40 Full RU |
|  |  |

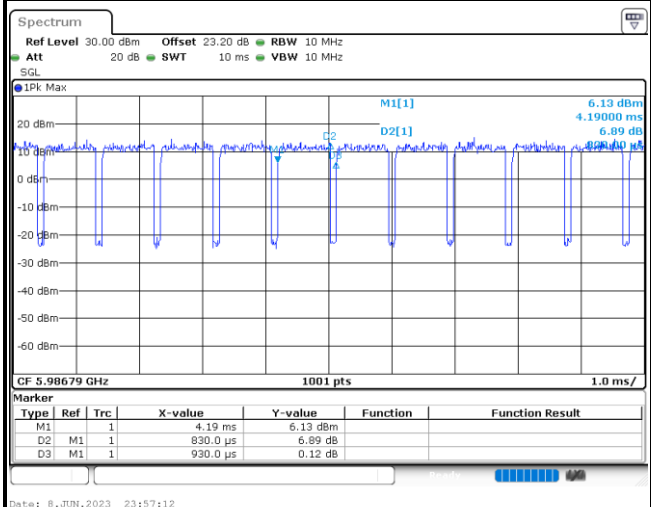
| 802.11be EHT80 Full RU | 802.11be EHT80 Puncture 20RU8 |
|---|---|
|  |  |





| 802.11be EHT160 Full RU | 802.11be EHT160 Puncture 20RU128 |
|---|---|
|  |  |

**802.11be EHT160 Puncture 40RU192**




————THE END————