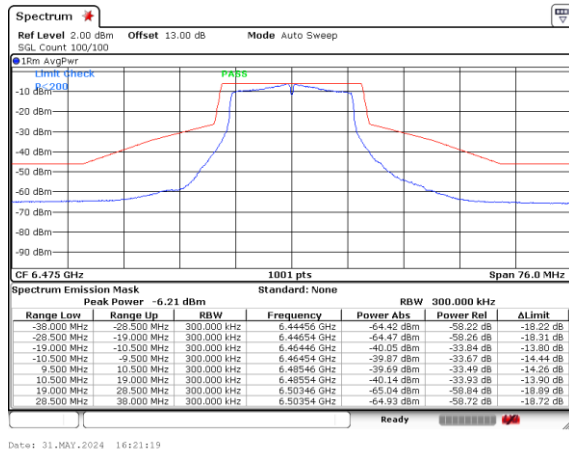
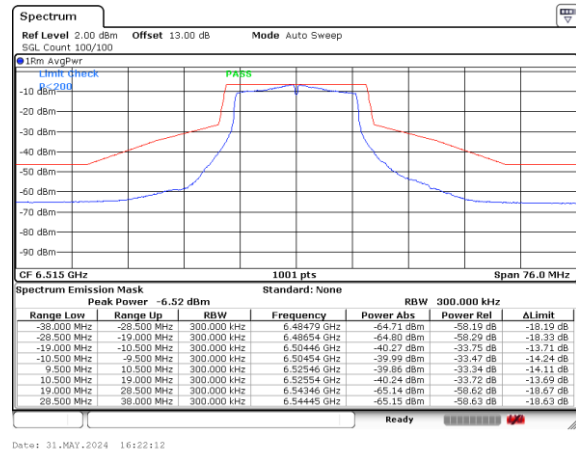




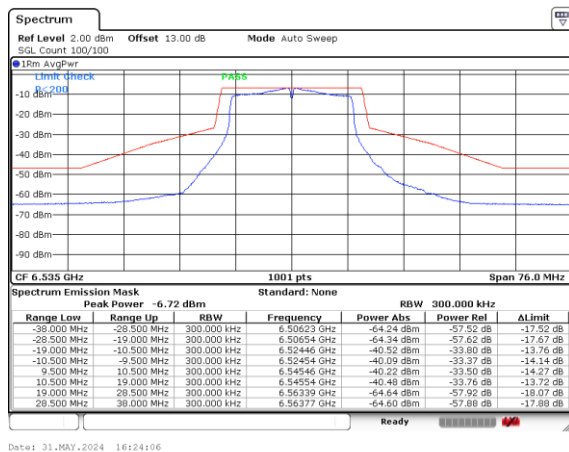
Plot on Channel 6475MHz



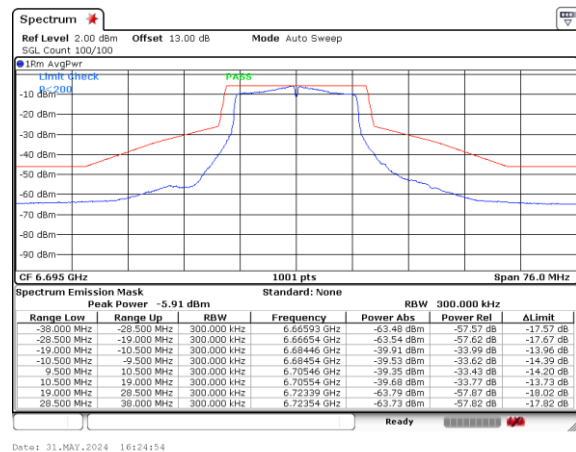
Plot on Channel 6515MHz



Plot on Channel 6535MHz

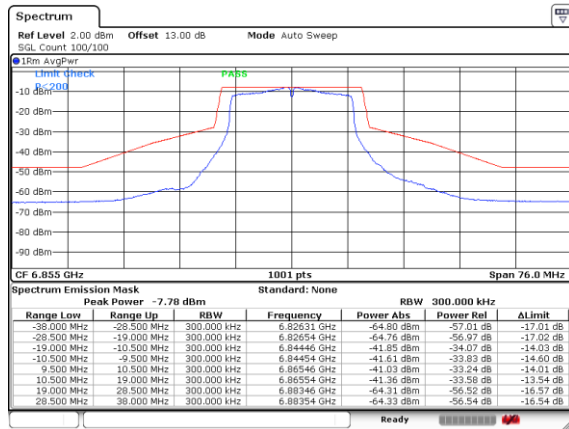


Plot on Channel 6695MHz



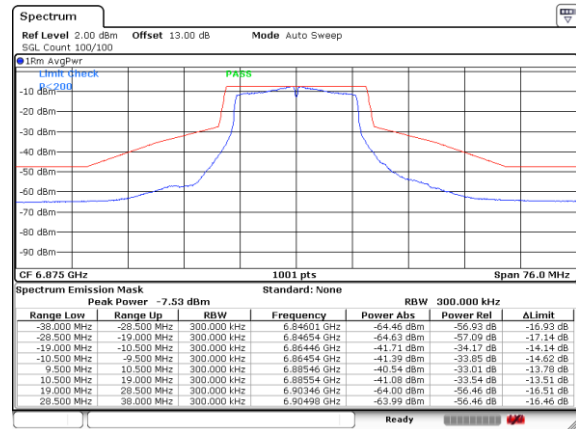


## Plot on Channel 6855MHz



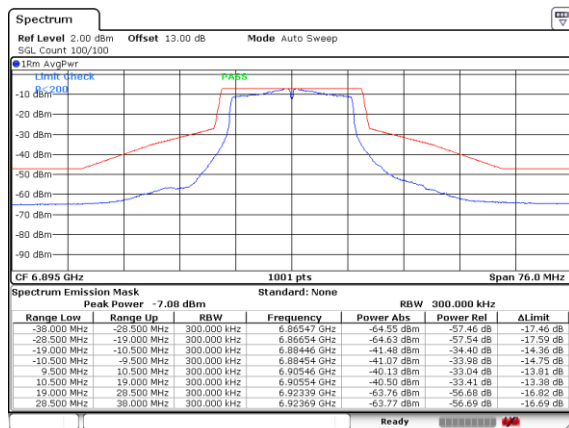
Date: 31.MAY.2024 16:26:40

## Plot on Channel 6875MHz



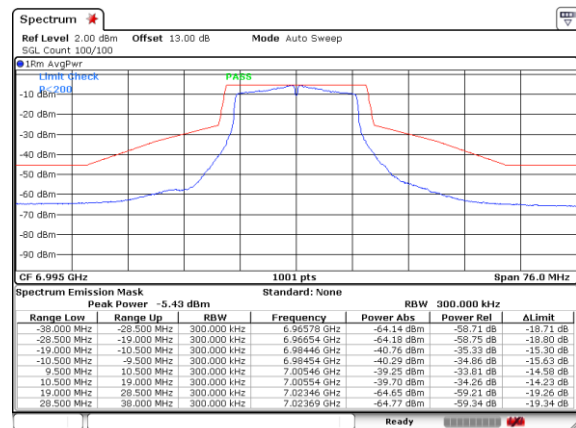
Date: 31.MAY.2024 16:27:32

## Plot on Channel 6895MHz



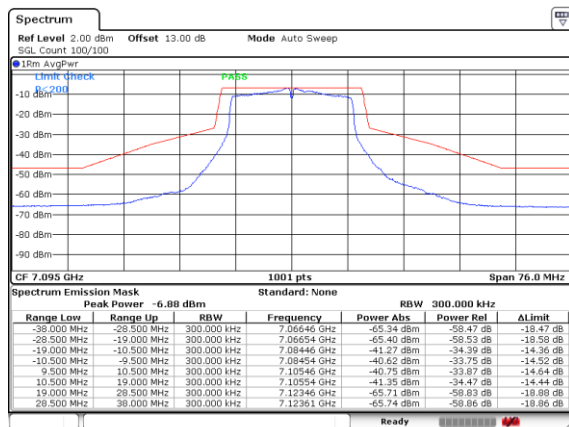
Date: 31.MAY.2024 16:29:17

## Plot on Channel 6995MHz



Date: 31.MAY.2024 16:31:41

## Plot on Channel 7095MHz

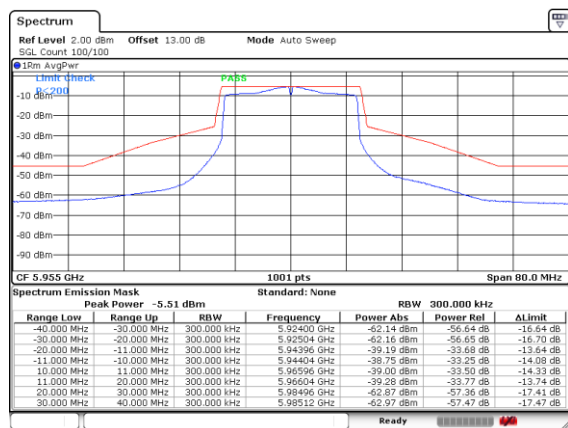


Date: 31.MAY.2024 16:32:25



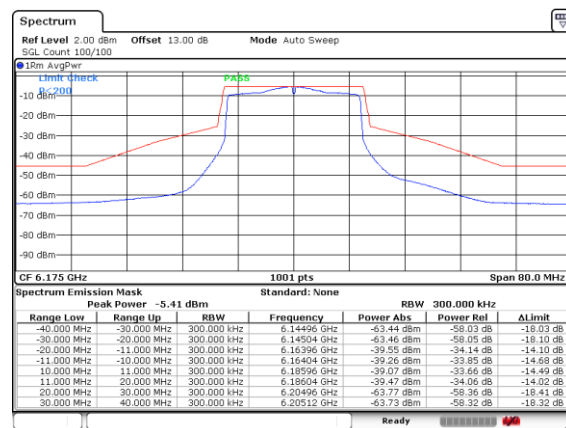
EUT Mode : 802.11ax HE20

Plot on Channel 5955MHz



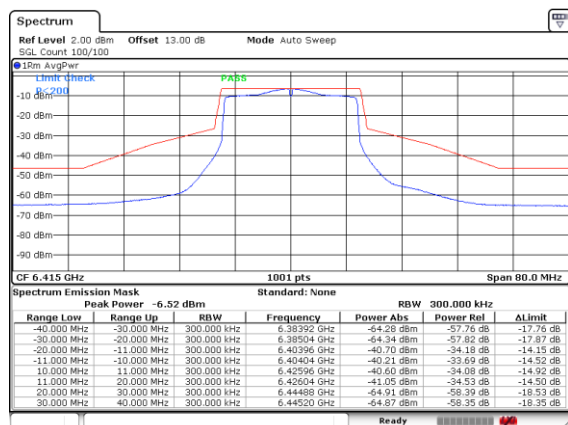
Date: 7.MAY.2024 14:15:49

Plot on Channel 6175MHz



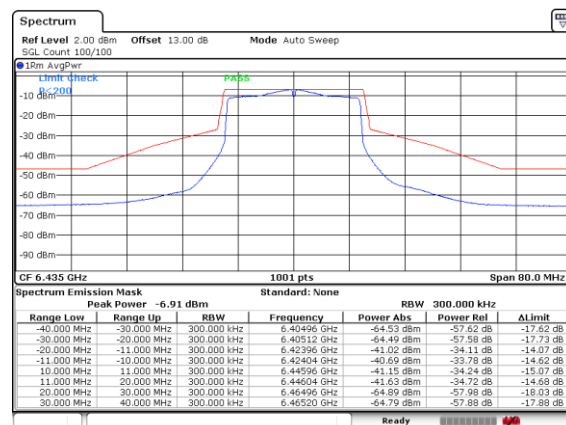
Date: 7.MAY.2024 14:17:35

Plot on Channel 6415MHz



Date: 7.MAY.2024 14:20:41

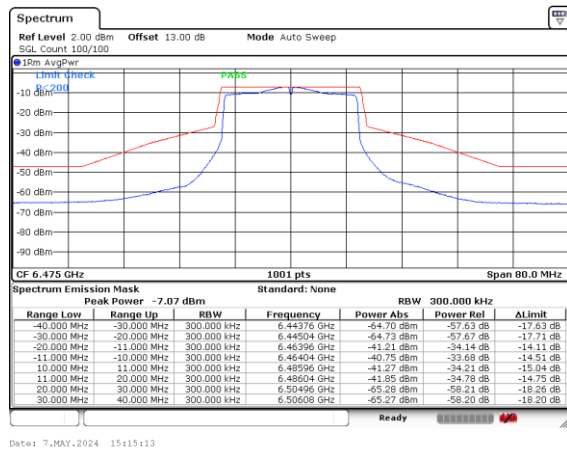
Plot on Channel 6435MHz



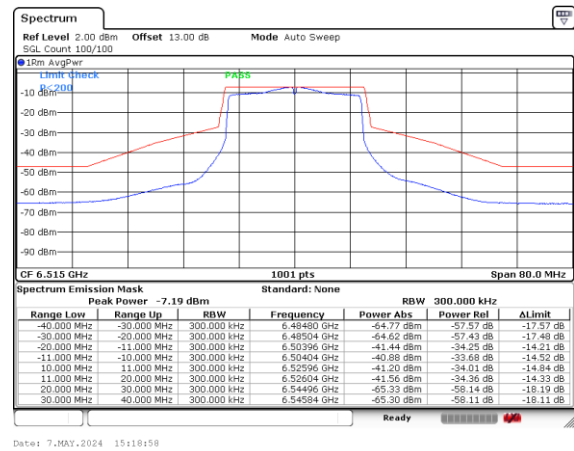
Date: 7.MAY.2024 15:11:06



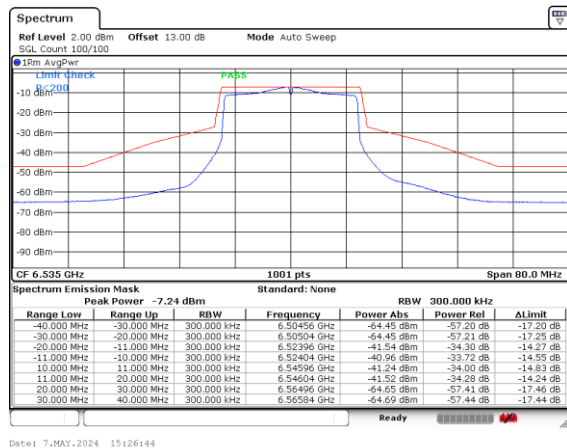
Plot on Channel 6475MHz



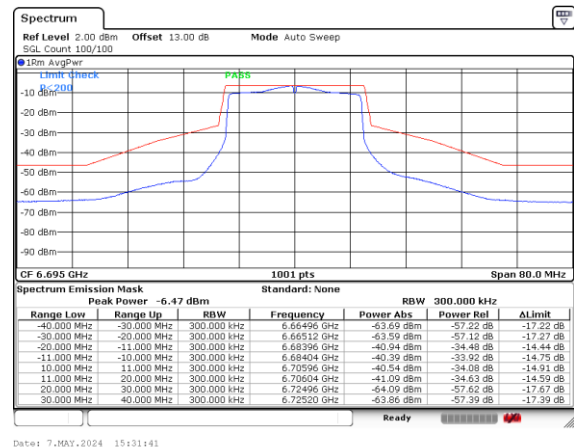
Plot on Channel 6515MHz



Plot on Channel 6535MHz

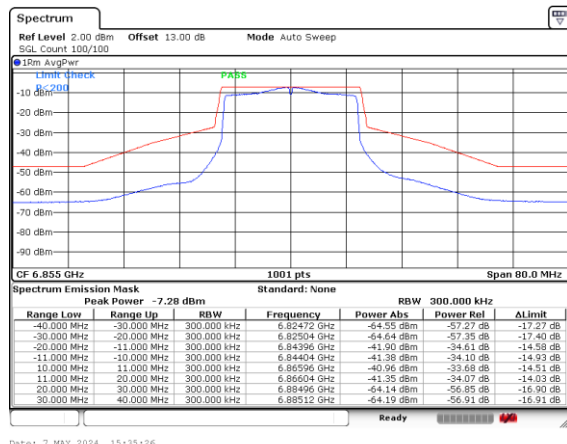


Plot on Channel 6695MHz



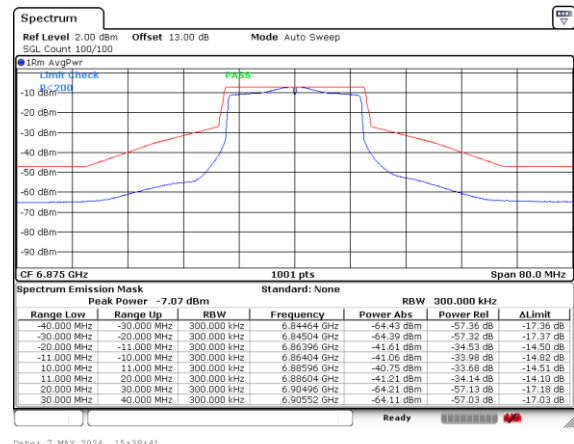


Plot on Channel 6855MHz



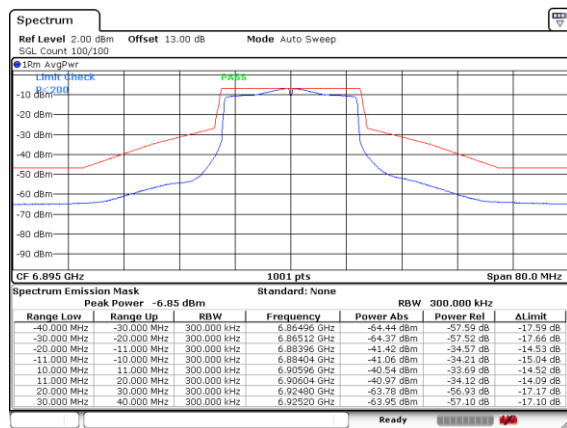
Date: 7.MAY.2024 15:35:26

Plot on Channel 6875MHz



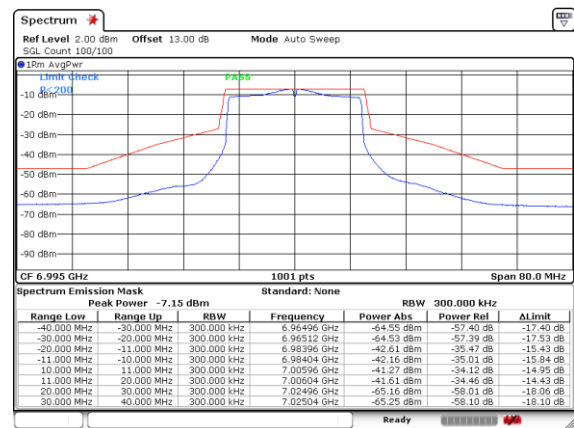
Date: 7.MAY.2024 15:18:41

Plot on Channel 6895MHz



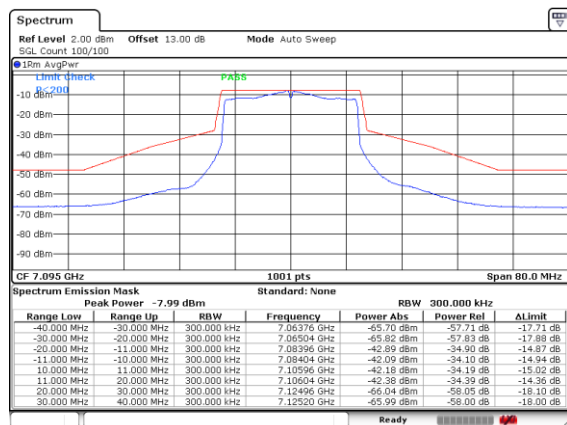
Date: 7.MAY.2024 15:42:14

Plot on Channel 6995MHz



Date: 7.MAY.2024 15:14:55

Plot on Channel 7095MHz

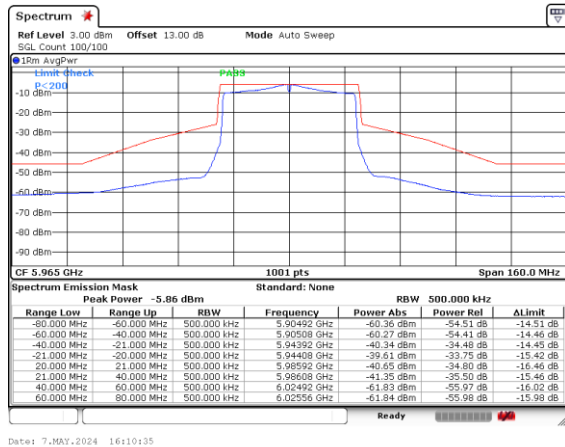


Date: 7.MAY.2024 15:52:34

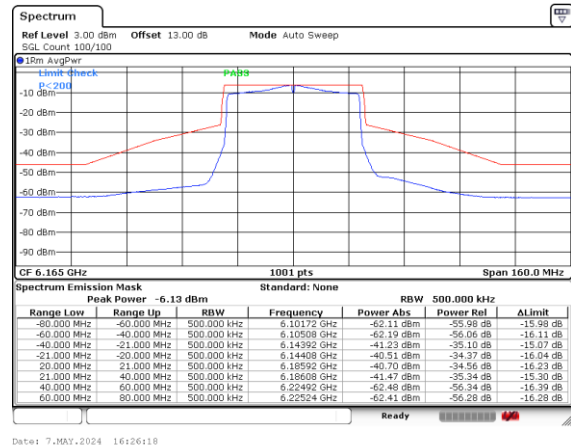


EUT Mode : 802.11ax HE40

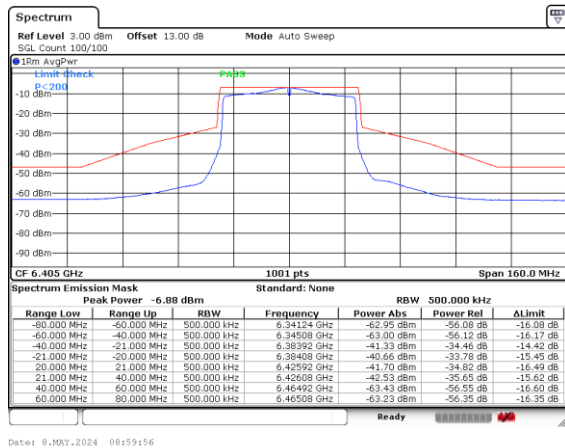
Plot on Channel 5965MHz



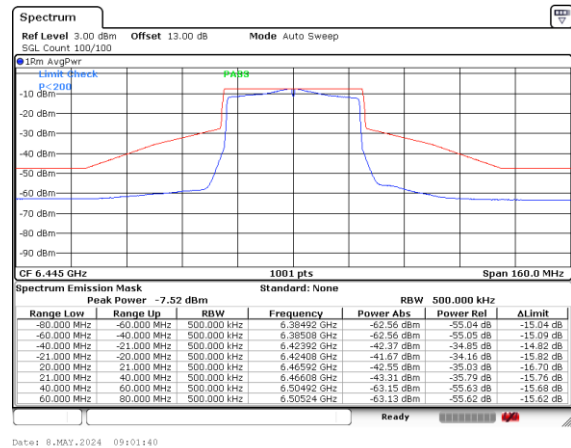
Plot on Channel 6165MHz



Plot on Channel 6405MHz

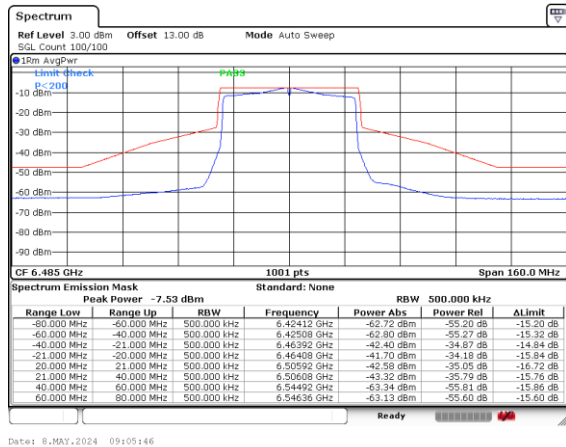


Plot on Channel 6445MHz



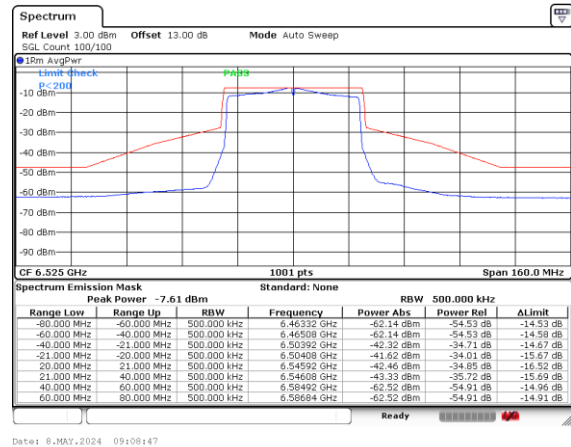


Plot on Channel 6485MHz



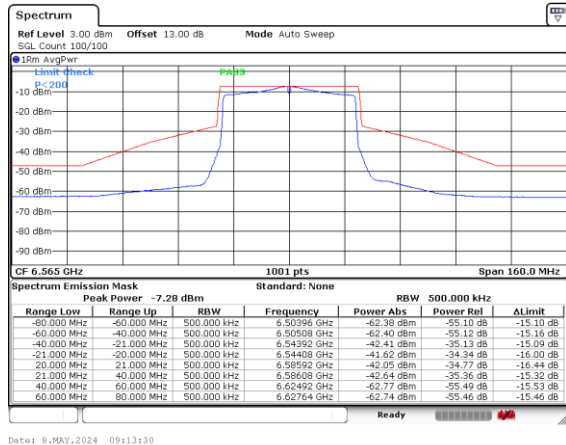
Date: 8.MAY.2024 09:05:46

Plot on Channel 6525MHz



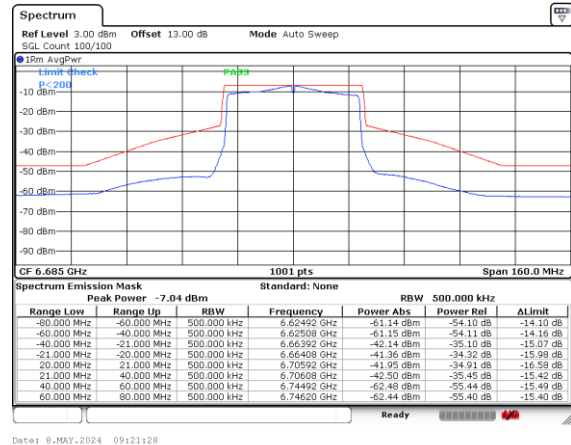
Date: 8.MAY.2024 09:10:47

Plot on Channel 6565MHz



Date: 8.MAY.2024 09:13:30

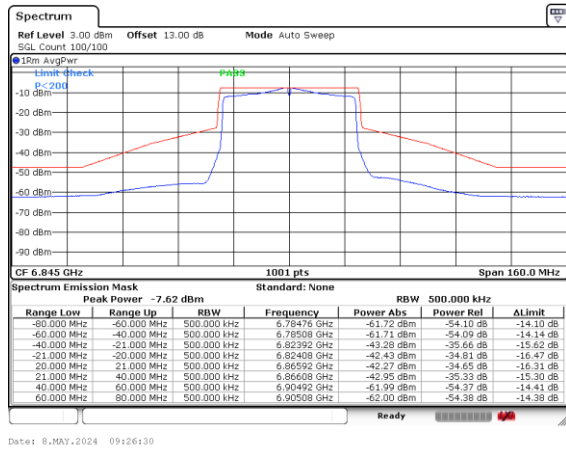
Plot on Channel 6685MHz



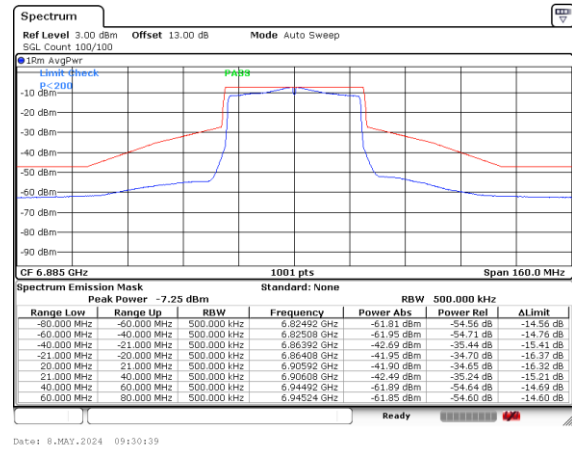
Date: 8.MAY.2024 09:12:18



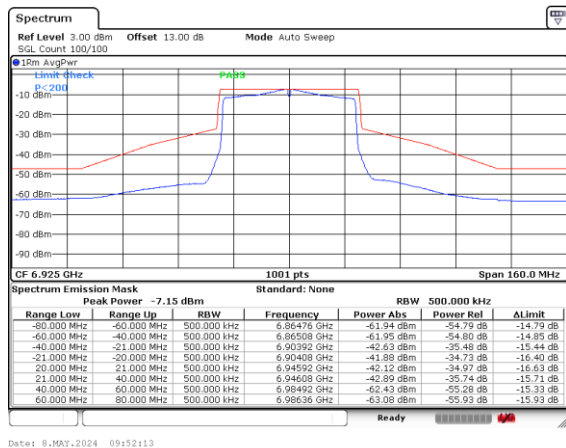
Plot on Channel 6845MHz



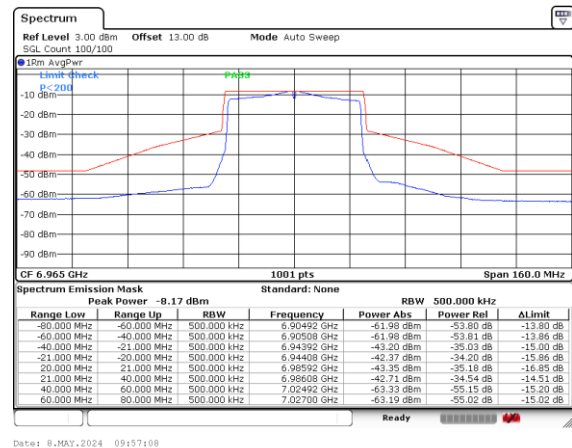
Plot on Channel 6885MHz



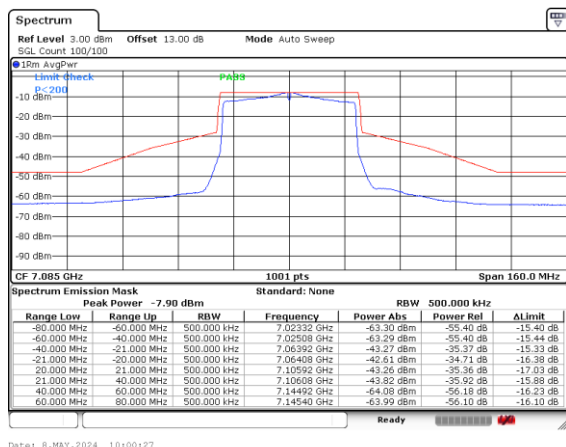
Plot on Channel 6925MHz



Plot on Channel 6965MHz



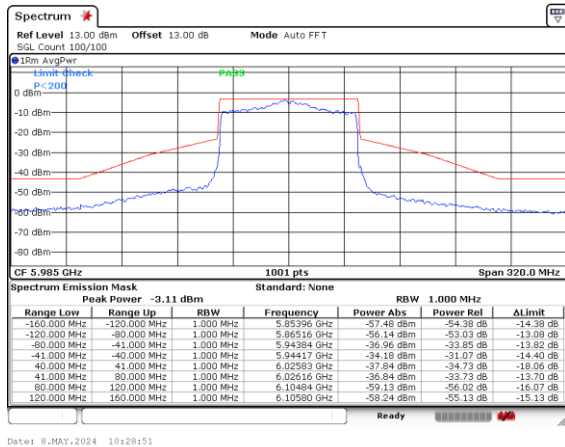
Plot on Channel 7085MHz





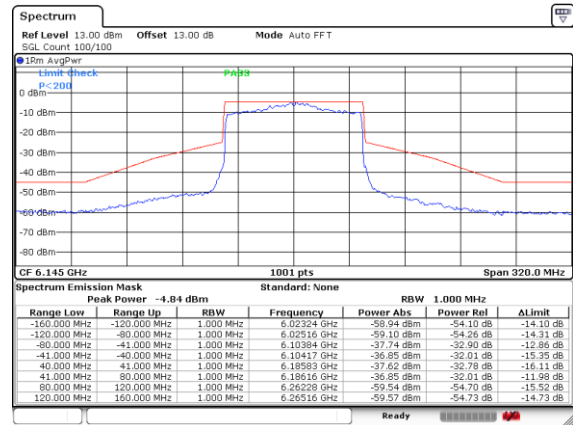
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



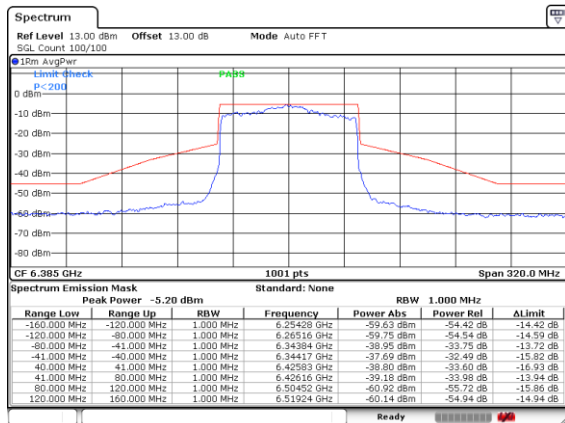
Date: 8.MAY.2024 10:28:51

Plot on Channel 6145MHz



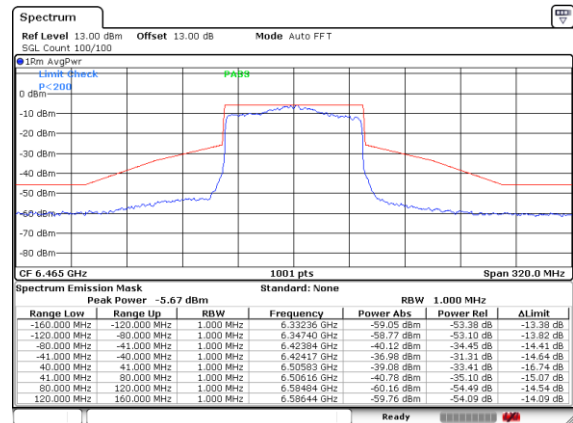
Date: 8.MAY.2024 10:32:52

Plot on Channel 6385MHz



Date: 8.MAY.2024 10:35:47

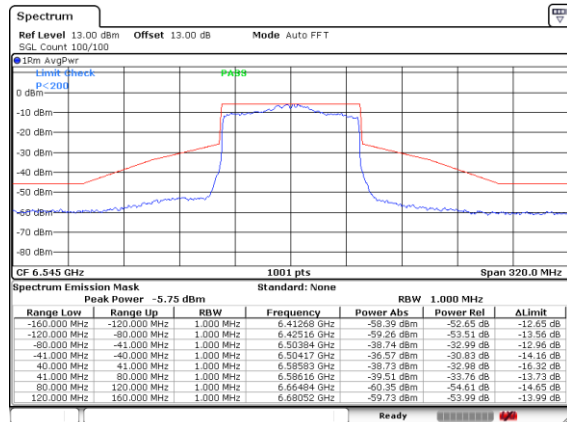
Plot on Channel 6465MHz



Date: 8.MAY.2024 10:38:42

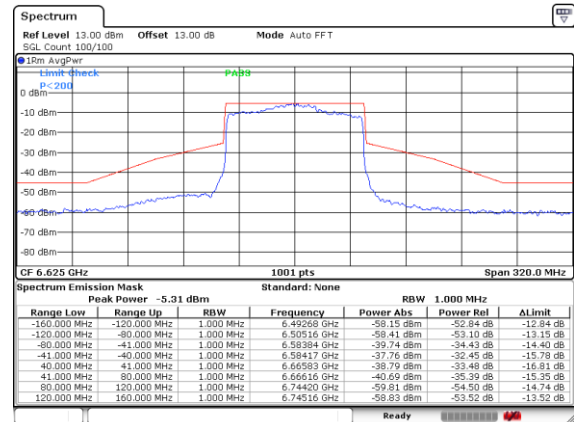


Plot on Channel 6545MHz



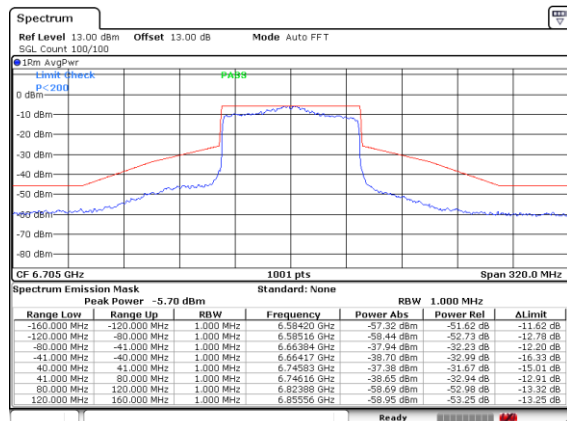
Date: 8.MAY.2024 10:41:33

Plot on Channel 6625MHz



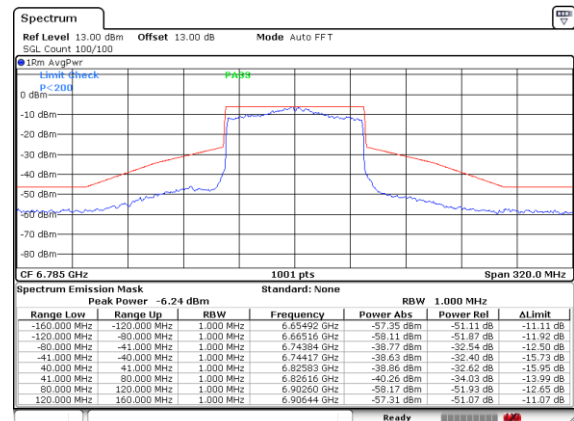
Date: 8.MAY.2024 10:47:09

Plot on Channel 6705MHz



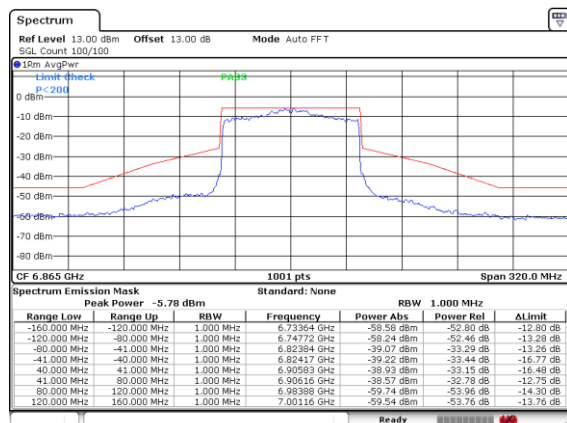
Date: 8.MAY.2024 10:50:24

Plot on Channel 6785MHz



Date: 8.MAY.2024 10:56:37

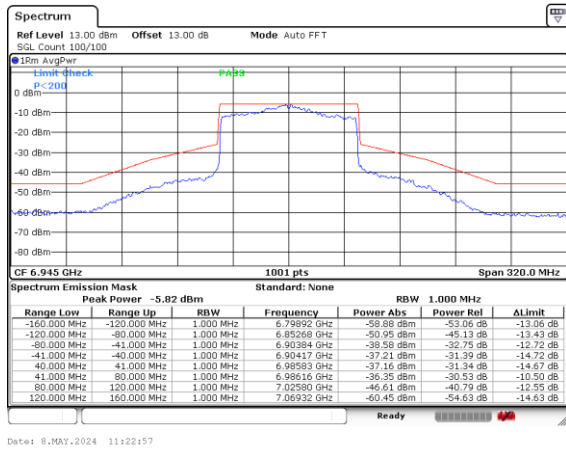
Plot on Channel 6865MHz



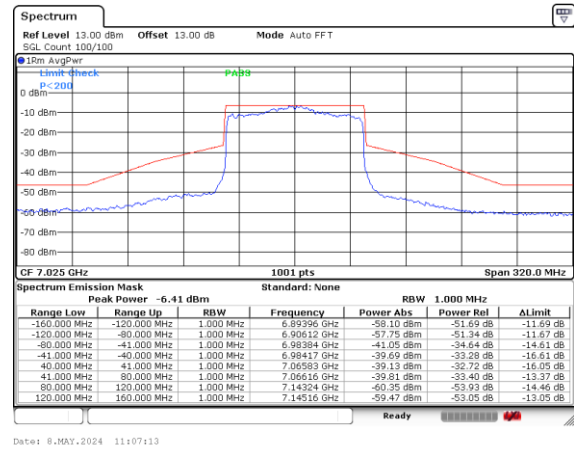
Date: 8.MAY.2024 10:59:33



## Plot on Channel 6945MHz



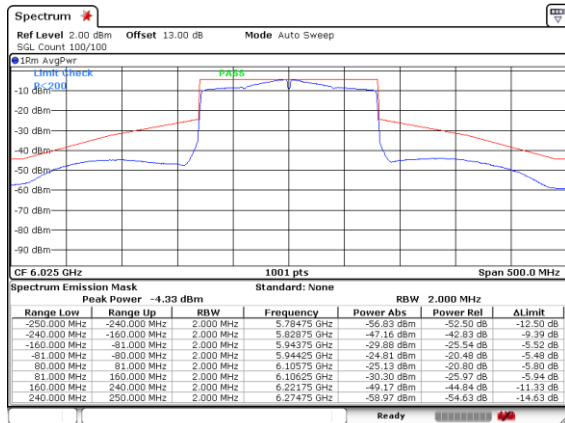
## Plot on Channel 7025MHz





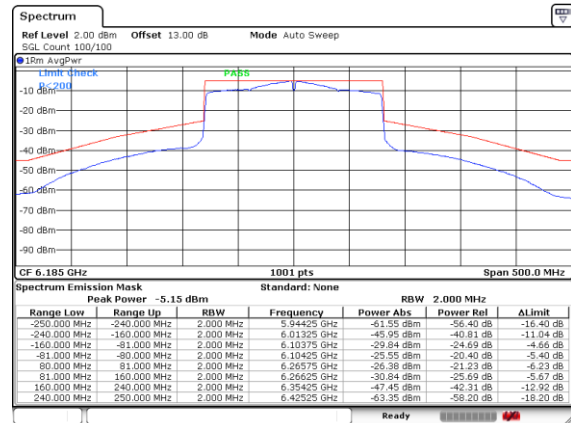
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



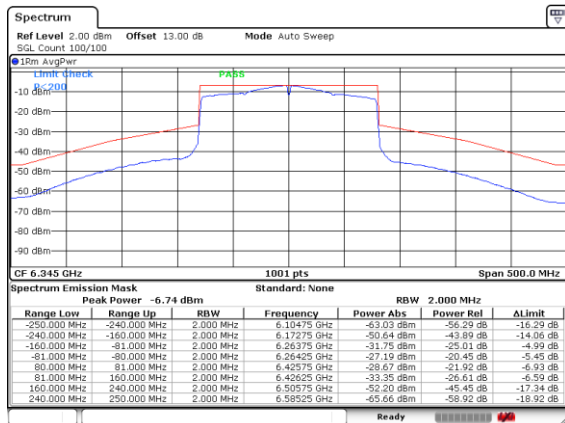
Date: 7.MAY.2024 10:57:22

Plot on Channel 6185MHz



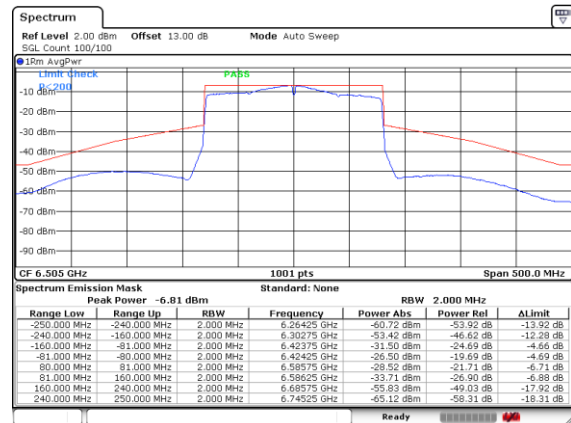
Date: 7.MAY.2024 10:56:36

Plot on Channel 6345MHz



Date: 7.MAY.2024 10:59:34

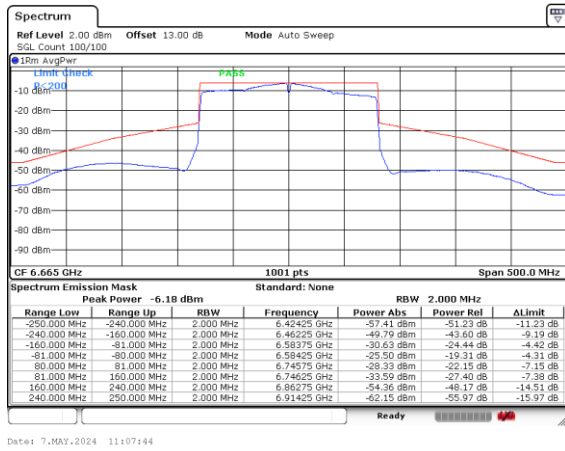
Plot on Channel 6505MHz



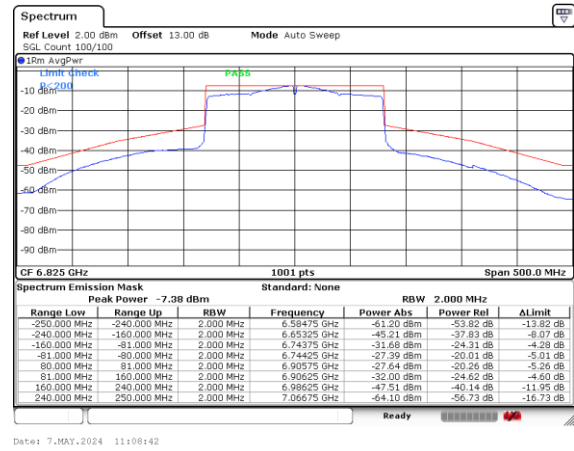
Date: 7.MAY.2024 11:05:29



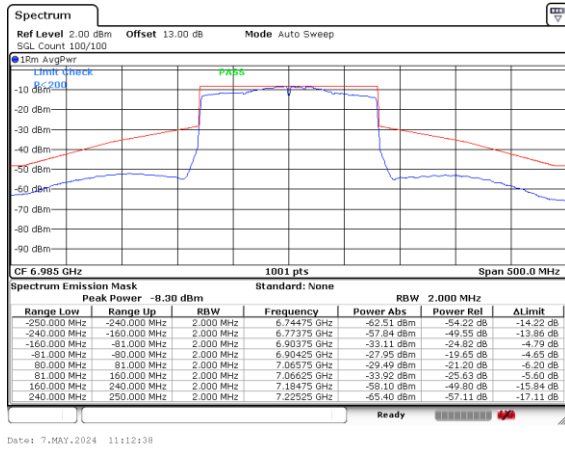
Plot on Channel 6665MHz



Plot on Channel 6825MHz



Plot on Channel 6985MHz

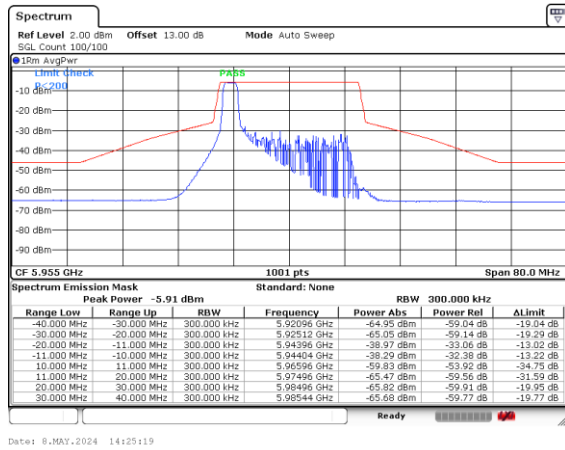




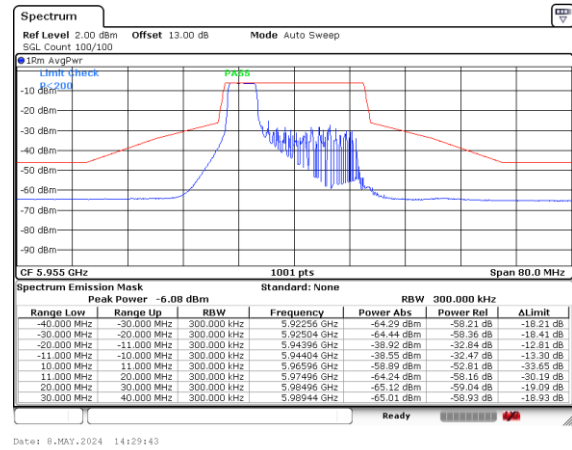
&lt;802.11ax Partial RU&gt;

EUT Mode : 802.11ax HE20

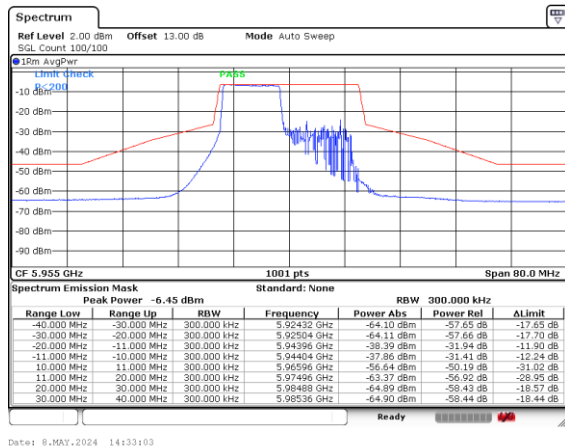
Plot on Channel 5955MHz\_26RU0



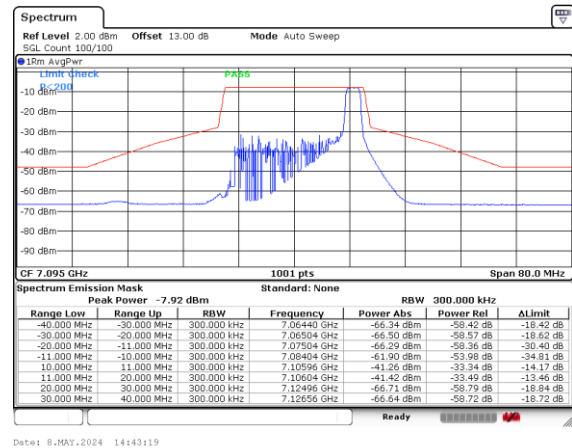
Plot on Channel 5955MHz\_52RU37



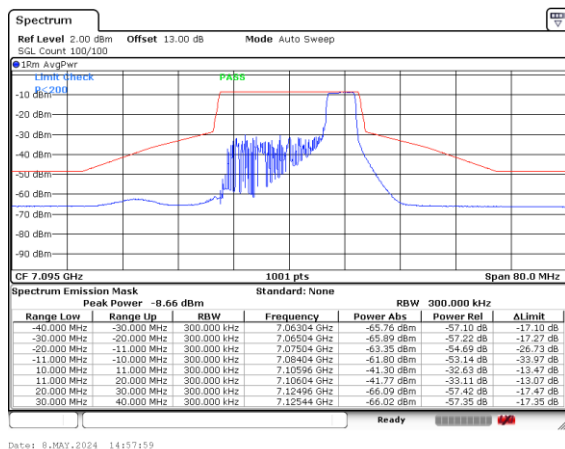
Plot on Channel 5955MHz\_106RU53



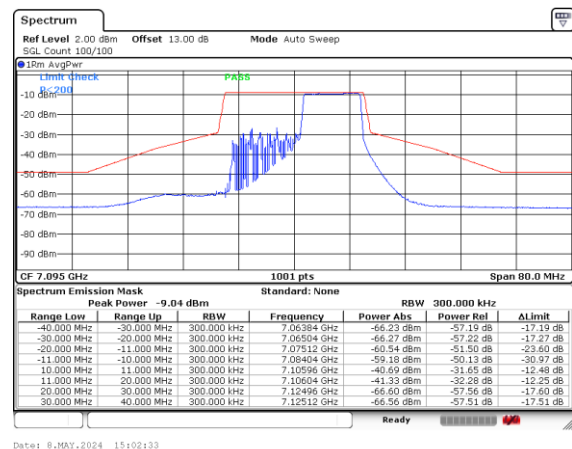
Plot on Channel 7095MHz\_26RU8



Plot on Channel 7095MHz\_52RU40

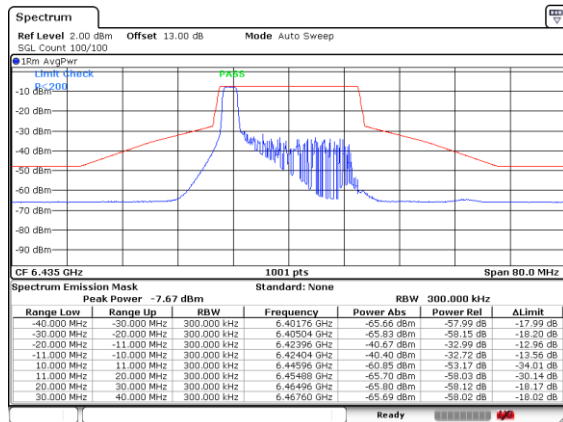


Plot on Channel 7095MHz\_106RU54



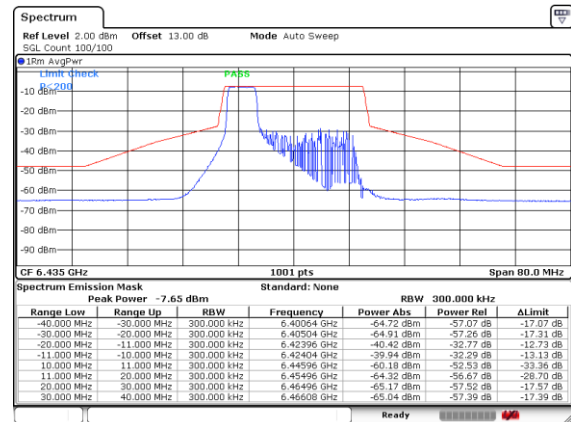


Plot on Channel 6435MHz\_26RU0



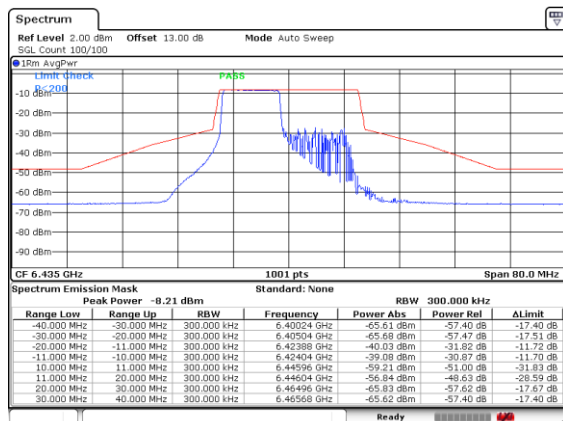
Date: 4 JUN 2024 13:05:19

Plot on Channel 6435MHz\_52RU37



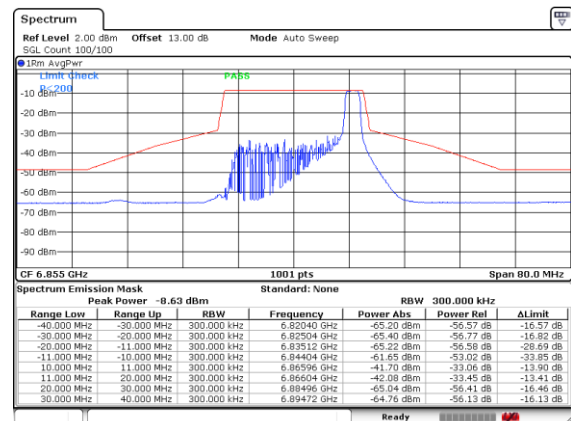
Date: 4 JUN 2024 13:10:55

Plot on Channel 6435MHz\_106RU53



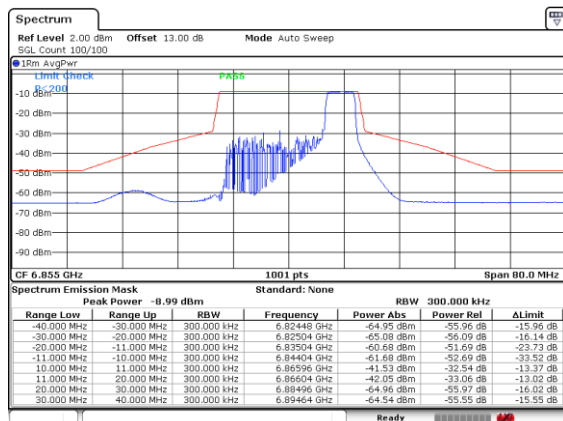
Date: 4 JUN 2024 13:13:31

Plot on Channel 6855MHz\_26RU8



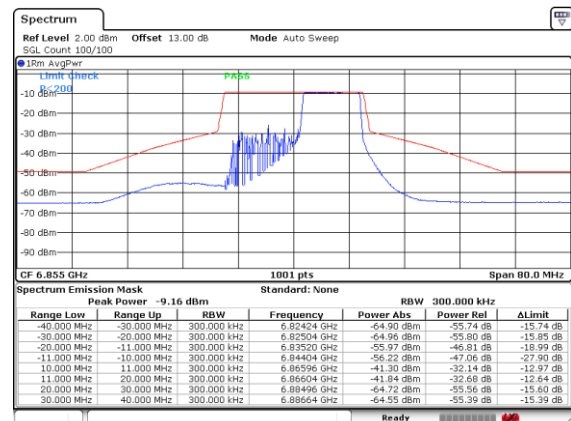
Date: 4 JUN 2024 13:12:20

Plot on Channel 6855MHz\_52RU40



Date: 4 JUN 2024 13:23:19

Plot on Channel 6855MHz\_106RU54



Date: 4 JUN 2024 13:25:42

### 3.5 Contention Based Protocol

#### 3.5.1 Limit of Contention Based Protocol

##### <FCC 14-30 CFR 15.407>

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

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

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

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

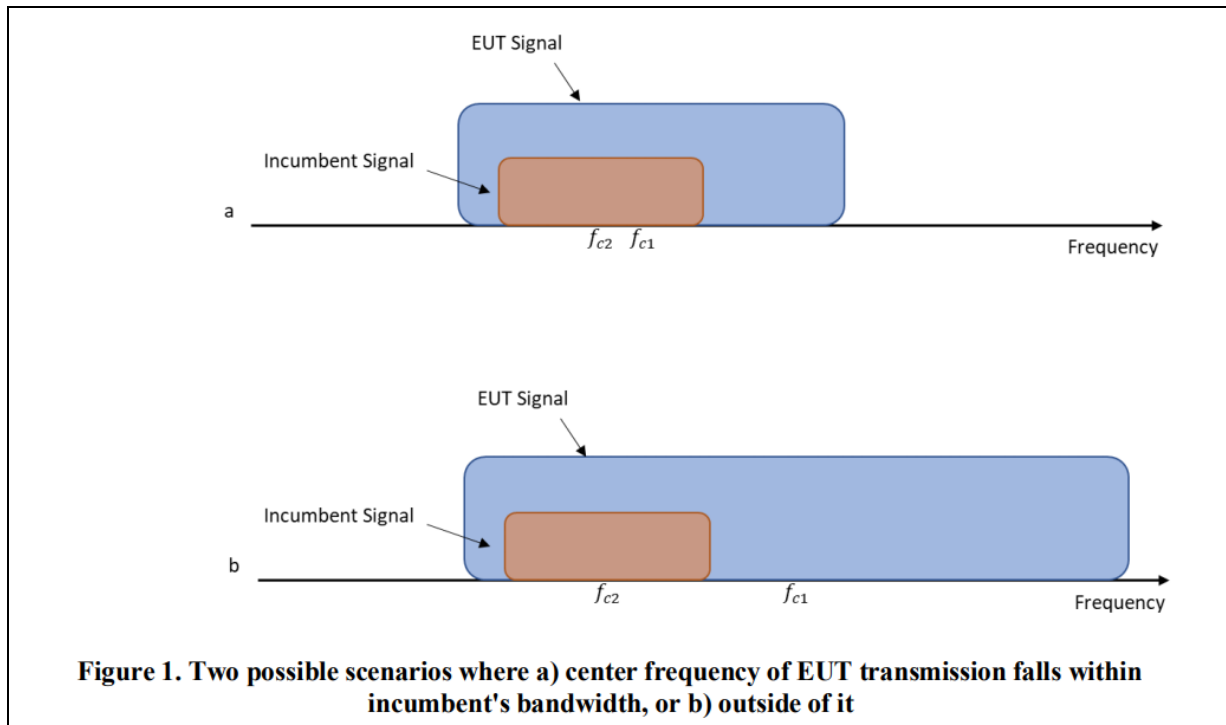
where:

$BW_{EUT}$ : Transmission bandwidth of EUT signal

$BW_{Inc}$ : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$f_{c1}$ : Center frequency of EUT transmission

$f_{c2}$ : Center frequency of simulated incumbent signal



### 3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

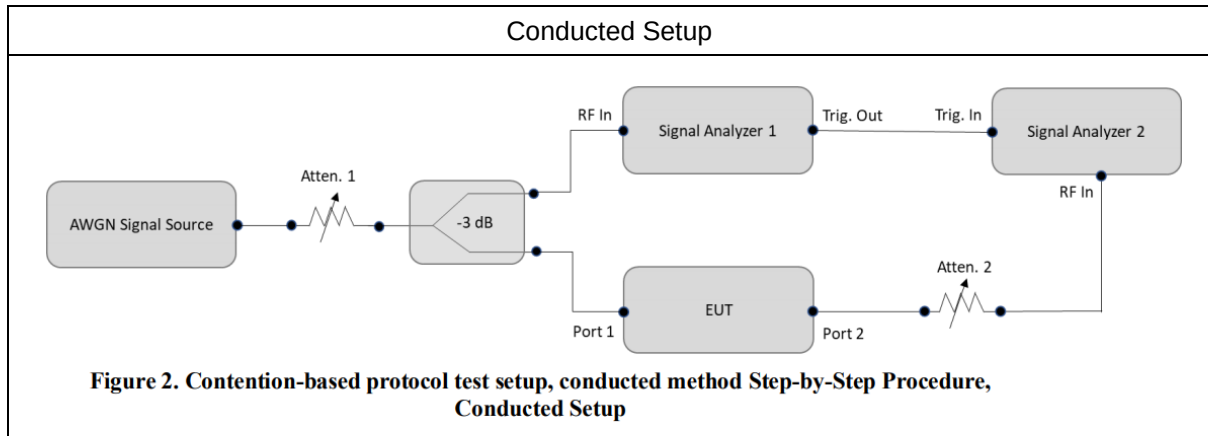
### 3.5.3 Test Procedures

1. To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency  $f_{c2}$ ) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed
2. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
3. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
4. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
5. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 2, choose a different center

frequency for the AWGN signal and repeat the process.

6. EUT was driven in MIMO mode, the interferer signal was injected to both chains to monitor the performance, while the interferer level is determined according to the lowest antenna gain among both antennas.

### 3.5.4 Test Setup



### 3.5.5 Support Unit used in test configuration and system

| Instrument | Brand Name | Model No.   | Characteristics |
|------------|------------|-------------|-----------------|
| WLAN AP    | ASUS       | GT-AXE11000 | Dual Band AP    |
| Notebook   | Acer       | N15C1       | LAN             |

### 3.5.6 Test Summary of Contention Based Protocol Test

| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%) | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|--------------------|---------------------------------|----------------------|-------------|
| UNII Band 5 | 6135                | 20               | 6135                  | -78.06                    | 100                | -62                             | -69.56               | 7.56        |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -79.06                    | <90                | -62                             | -70.56               | 8.56        |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -80.06                    | =0                 | -62                             | -71.56               | 9.56        |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             | 6185                | 160              | 6110                  | -75.75                    | 100                | -62                             | -67.25               | 5.25        |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -76.75                    | <90                | -62                             | -68.25               | 6.25        |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -77.75                    | =0                 | -62                             | -69.25               | 7.25        |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             |                     |                  | 6185                  | -74.98                    | 100                | -62                             | -66.48               | 4.48        |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -75.98                    | <90                | -62                             | -67.48               | 5.48        |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -76.98                    | =0                 | -62                             | -68.48               | 6.48        |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             |                     |                  | 6260                  | -74.16                    | 100                | -62                             | -65.66               | 3.66        |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -75.16                    | <90                | -62                             | -66.66               | 4.66        |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -76.16                    | =0                 | -62                             | -67.66               | 5.66        |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (Antenna 8, gain= -8.5dBi)

**Note 2:** Path Loss between antenna and RF connector is negligible. (0 dB)

**Note 3:** Margin = Regulated Threshold level - Adjusted Power

| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII Band 6 | 6455                | 20               | 6455                  | -77.15                    | 100                       | -62                             | -68.65               | 6.65        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -78.15                    | <90                       | -62                             | -69.65               | 7.65        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -79.15                    | =0                        | -62                             | -70.65               | 8.65        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             | 6505                | 160              | 6430                  | -74.90                    | 100                       | -62                             | -66.40               | 4.40        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -75.90                    | <90                       | -62                             | -67.40               | 5.40        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -76.90                    | =0                        | -62                             | -68.40               | 6.40        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6505                  | -75.63                    | 100                       | -62                             | -67.13               | 5.13        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -76.63                    | <90                       | -62                             | -68.13               | 6.13        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -77.63                    | =0                        | -62                             | -69.13               | 7.13        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6580                  | -79.74                    | 100                       | -62                             | -71.24               | 9.24        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -80.74                    | <90                       | -62                             | -72.24               | 10.24       |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -81.74                    | =0                        | -62                             | -73.24               | 11.24       |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (Antenna 8, gain= -8.5dBi)

**Note 2:** Path Loss between antenna and RF connector is negligible. (0 dB)

**Note 3:** Margin = Regulated Threshold level - Adjusted Power



| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII Band 7 | 6695                | 20               | 6695                  | -72.79                    | 100                       | -62                             | -64.29               | 2.29        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -73.79                    | <90                       | -62                             | -65.29               | 3.29        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -74.79                    | =0                        | -62                             | -66.29               | 4.29        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             | 6665                | 160              | 6590                  | -73.96                    | 100                       | -62                             | -65.46               | 3.46        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -74.96                    | <90                       | -62                             | -66.46               | 4.46        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -75.96                    | =0                        | -62                             | -67.46               | 5.46        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6665                  | <b>-72.28 (worst)</b>     | 100                       | -62                             | -63.78               | 1.78        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -73.28                    | <90                       | -62                             | -64.78               | 2.78        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -74.28                    | =0                        | -62                             | -65.78               | 3.78        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6740                  | -75.61                    | 100                       | -62                             | -67.11               | 5.11        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -76.61                    | <90                       | -62                             | -68.11               | 6.11        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -77.61                    | =0                        | -62                             | -69.11               | 7.11        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (Antenna 8, gain= -8.5dBi)

**Note 2:** Path Loss between antenna and RF connector is negligible. (0 dB)

**Note 3:** Margin = Regulated Threshold level - Adjusted Power



| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII Band 8 | 7015                | 20               | 7015                  | -73.95                    | 100                       | -62                             | -65.45               | 3.45        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -74.95                    | <90                       | -62                             | -66.45               | 4.45        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -75.95                    | =0                        | -62                             | -67.45               | 5.45        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             | 6985                | 160              | 6910                  | -73.85                    | 100                       | -62                             | -65.35               | 3.35        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -74.85                    | <90                       | -62                             | -66.35               | 4.35        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -75.85                    | =0                        | -62                             | -67.35               | 5.35        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6985                  | -75.10                    | 100                       | -62                             | -66.60               | 4.60        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -76.10                    | <90                       | -62                             | -67.60               | 5.60        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -77.10                    | =0                        | -62                             | -68.60               | 6.60        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 7060                  | -72.80                    | 100                       | -62                             | -64.30               | 2.30        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -73.80                    | <90                       | -62                             | -65.30               | 3.30        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -74.80                    | =0                        | -62                             | -66.30               | 4.30        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (Antenna 8, gain= -8.5dBi)

**Note 2:** Path Loss between antenna and RF connector is negligible. (0 dB)

**Note 3:** Margin = Regulated Threshold level - Adjusted Power

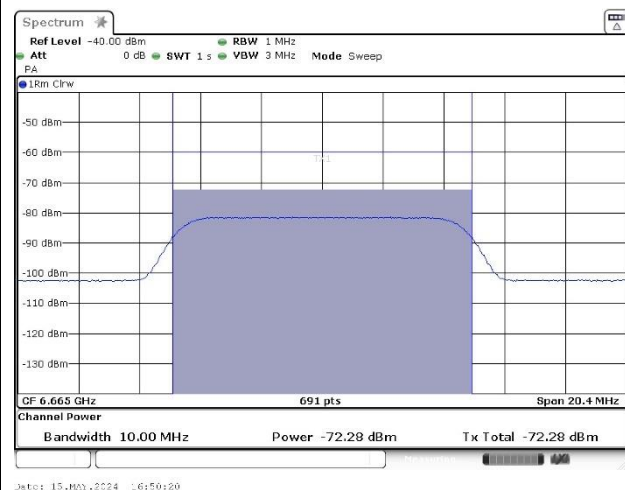


## 3.5.7 Worst Case Plots of Contention Based Protocol

## Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

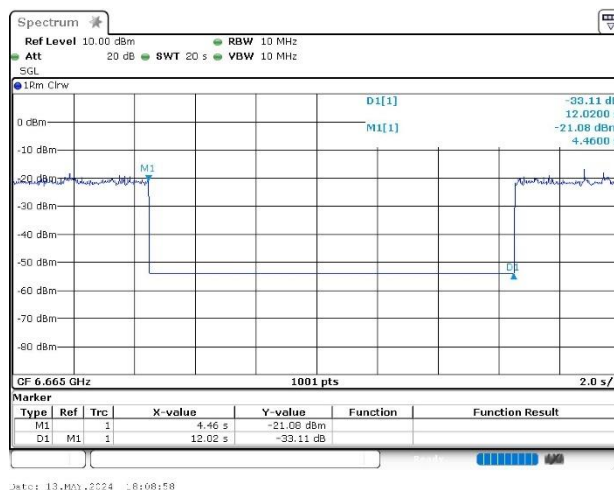
802.11ax (HE160) / 6665MHz (Middle)

Threshold Level (TL) = -72.28 dBm



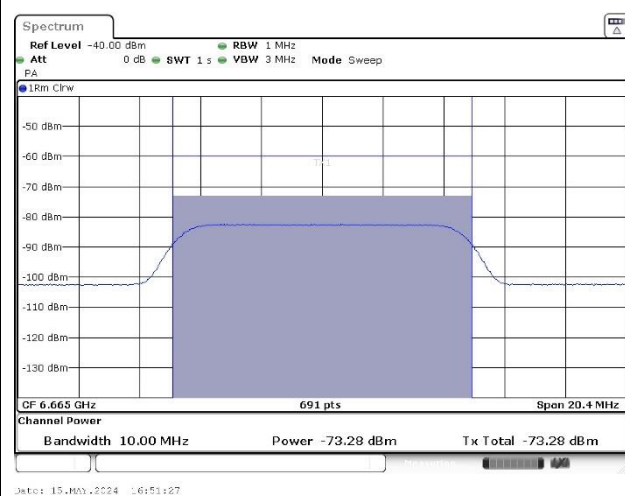
802.11ax (HE160) / CH143 (Middle)

Test result is pass due to no transmission occur.



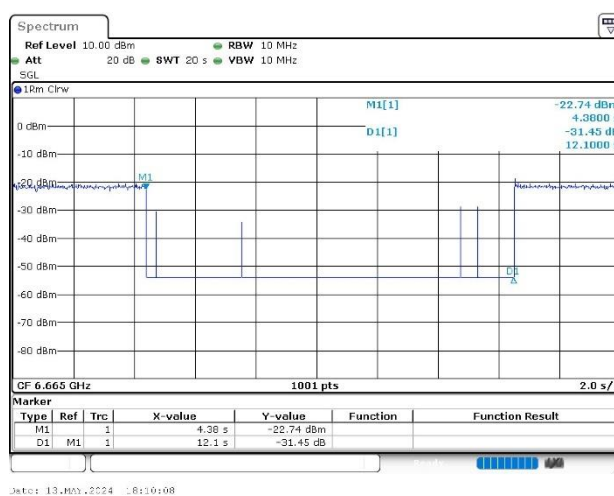
802.11ax (HE160) / 6665MHz (Middle)

Threshold Level (TL) = -73.28 dBm



802.11ax (HE160) / CH143 (Middle)

Transmit when the interferer is 1dB lower.



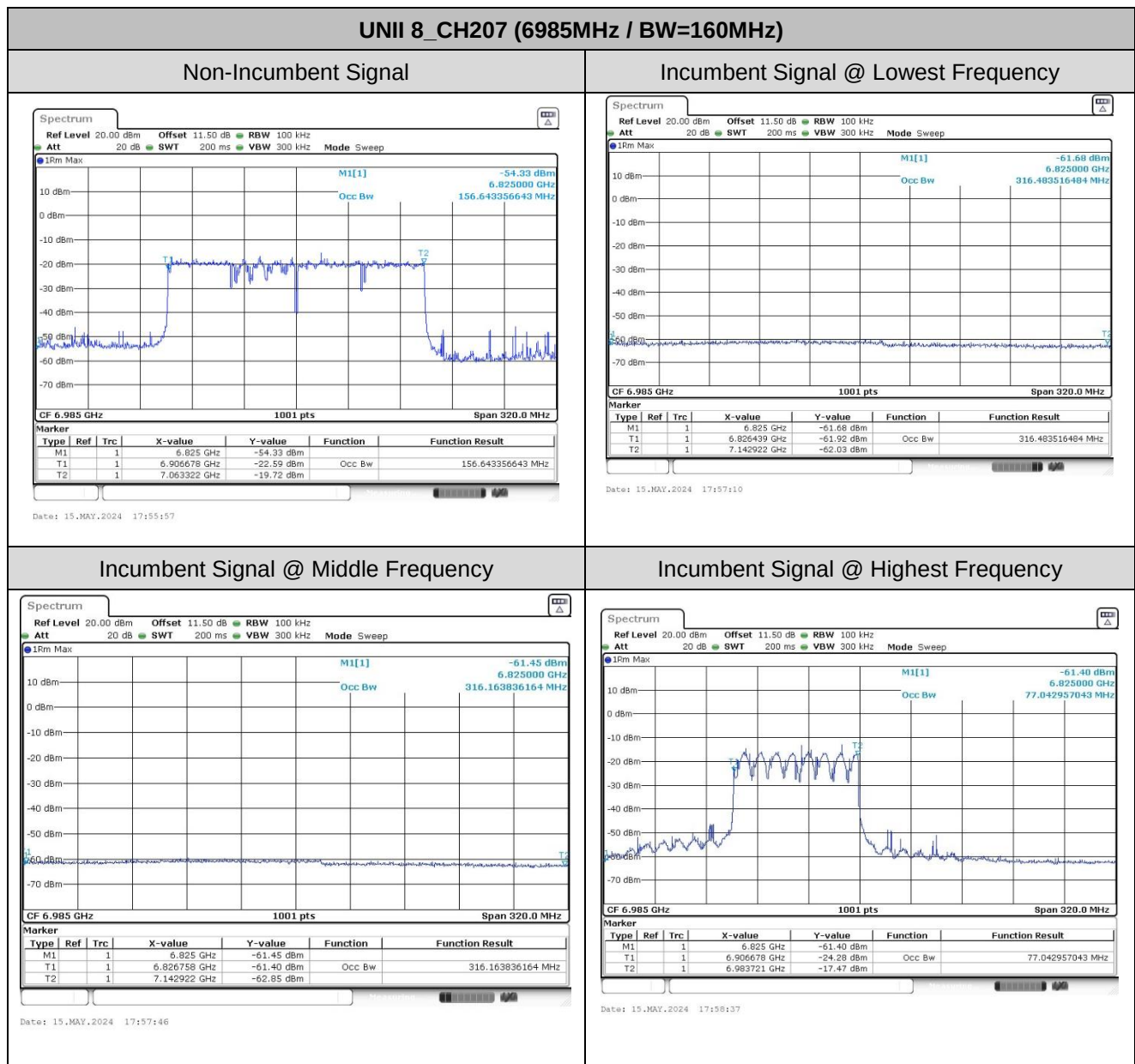
Remark: M1: Injection of AWGN signal, D1: Removal of AWGN signal



### 3.5.8 Worst Case of Contention Based Protocol Transmission Bandwidth

Verify transmission absence when Incumbent signal at different frequency (frequency domain plots).

1. When Incumbent Signal inject at lowest frequency, the whole 160MHz bandwidth stop transmission;
2. When Incumbent Signal inject at middle frequency, the whole 160MHz bandwidth stop transmission;
3. When Incumbent Signal inject at highest frequency, the transmission bandwidth reduced to 80MHz;
4. This device does not support channel puncturing mode for incumbent avoidance but bandwidth reduction mechanism is supported.



### 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                          |

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.

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

#### 3.6.2 Measuring Instruments

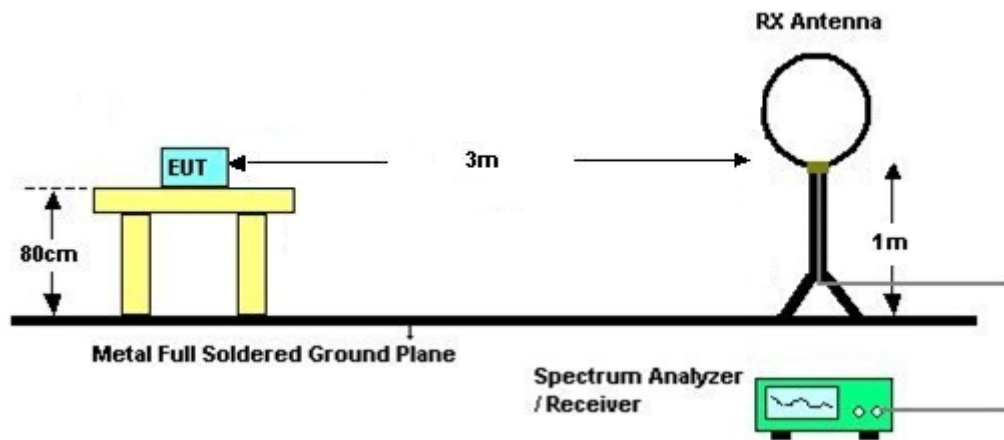
See list of measuring equipment of this test report.

### 3.6.3 Test Procedures

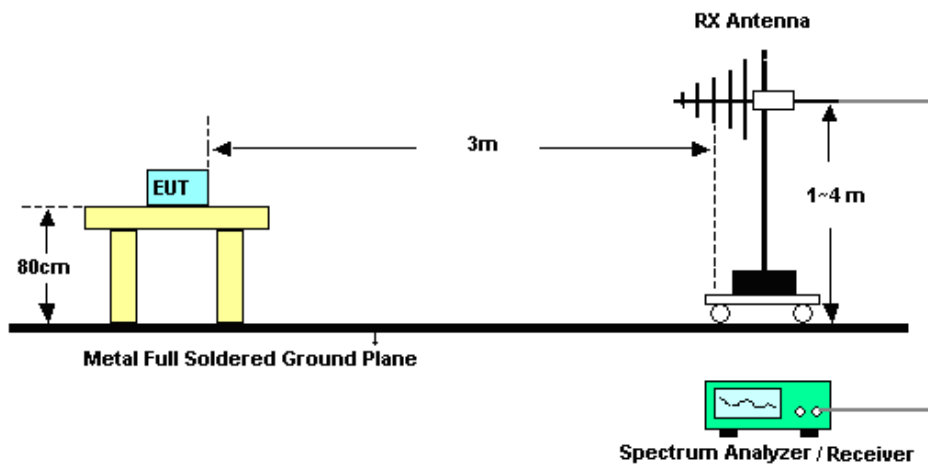
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.  
Section G) Unwanted emissions measurement.  
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
  - RBW = 120 kHz
  - VBW = 300 kHz
  - Detector = Peak
  - Trace mode = max hold(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
  - RBW = 1 MHz
  - VBW  $\geq$  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  $\geq$  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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.6.4 Test Setup

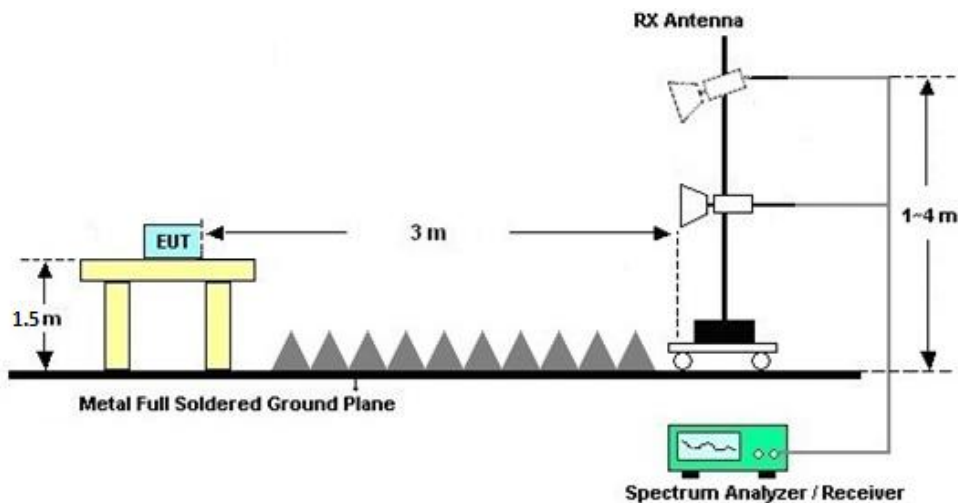
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was 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

### **3.6.7 Duty Cycle**

Please refer to Appendix D.

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

Please refer to Appendix C.

The emission level above 18GHz is checked that the emission level is noise floor only, so it is not reflected in the report.

### 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 (dB $\mu$ V) |           |
|-----------------------------|------------------------------|-----------|
|                             | 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.

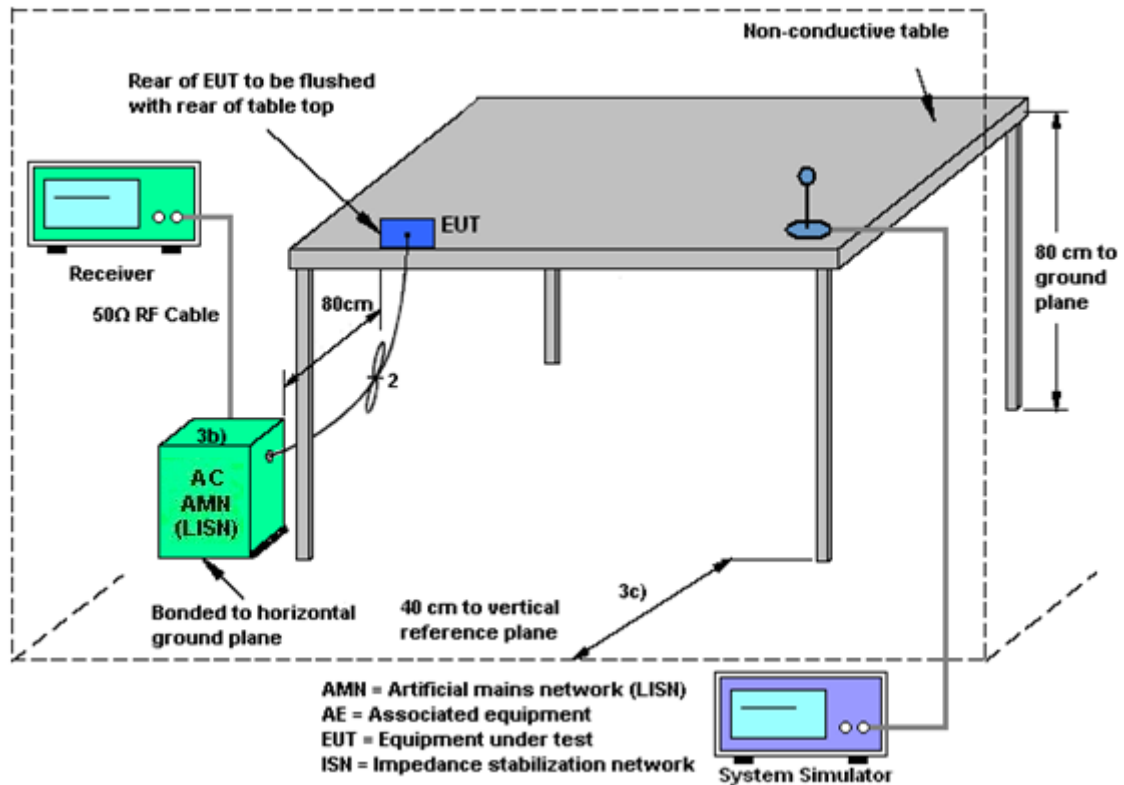
#### 3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.7.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
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

§15.203: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

### 3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used. The EUT complies with the requirement of 15.203.

### 3.8.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

For power, the directional gain  $G_{ANT}$  is set equal to the antenna having the highest gain, i.e.,

Directional gain =  $G_{ANT\ MAX}(Ant.1\ Gain, Ant.2\ Gain, \dots) + \text{Array Gain}$ , as following table for Power, where Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;

For PSD, the directional gain calculation is following,

Directional gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ANT}]$  dBi, as following table for PSD.

$N_{ANT}$  = number of transmit antennas

$N_{SS}$  = number of spatial streams. (The worst case directional gain will occur when  $N_{SS} = 1$ )

| <CDD Modes> |        |        |        |        |
|-------------|--------|--------|--------|--------|
|             |        |        | DG for | DG for |
|             | Ant. 8 | Ant. 7 | Power  | PSD    |
|             | (dBi)  | (dBi)  | (dBi)  | (dBi)  |
| UNII-5      | -8.50  | -8.00  | -8.00  | -5.24  |
| UNII-6      | -8.50  | -7.50  | -7.50  | -4.98  |
| UNII-7      | -8.00  | -7.50  | -7.50  | -4.74  |
| UNII-8      | -8.00  | -7.50  | -7.50  | -4.74  |



## 4 List of Measuring Equipment

| Instrument                        | Brand Name   | Model No.                | Serial No.   | Characteristics              | Calibration Date | Test Date                  | Due Date      | Remark                |
|-----------------------------------|--------------|--------------------------|--------------|------------------------------|------------------|----------------------------|---------------|-----------------------|
| Spectrum Analyzer                 | R&S          | FSV40                    | 101078       | 10Hz~40GHz                   | Apr. 09, 2024    | May 07, 2024~Jun. 04, 2024 | Apr. 08, 2025 | Conducted (TH01-SZ)   |
| Pulse Power Sensor                | Anritsu      | MA2411B                  | 1339473      | 30MHz~40GHz                  | Dec. 29, 2023    | May 07, 2024~Jun. 04, 2024 | Dec. 28, 2024 | Conducted (TH01-SZ)   |
| Power Meter                       | Anritsu      | ML2495A                  | 1218010      | 50MHz Bandwidth              | Aug. 21, 2023    | May 07, 2024~Jun. 04, 2024 | Aug. 20, 2024 | Conducted (TH01-SZ)   |
| EMI Test Receiver&SA              | Agilent      | N9038A                   | MY52260185   | 20Hz~26.5GHz                 | Dec. 27, 2023    | Apr. 21, 2024~May 12, 2024 | Dec. 26, 2024 | Radiation (03CH01-SZ) |
| EXA Spectrum Analyzer             | KEYSIGHT     | N9010A                   | MY55150213   | 10Hz~44GHz                   | Jul. 07, 2023    | Apr. 21, 2024~May 12, 2024 | Jul. 06, 2024 | Radiation (03CH01-SZ) |
| Loop Antenna                      | R&S          | HFH2-Z2                  | 100354       | 9kHz~30MHz                   | Jul. 28, 2022    | Apr. 21, 2024~May 12, 2024 | Jul. 27, 2024 | Radiation (03CH01-SZ) |
| Bilog Antenna                     | TeseQ        | CBL6112D                 | 35407        | 30MHz~2GHz                   | Oct. 24, 2023    | Apr. 21, 2024~May 12, 2024 | Oct. 23, 2025 | Radiation (03CH01-SZ) |
| Double Ridge Horn Antenna         | ETS-Lindgren | 3117                     | 00119436     | 1GHz~18GHz                   | Jul. 08, 2023    | Apr. 21, 2024~May 12, 2024 | Jul. 07, 2024 | Radiation (03CH01-SZ) |
| SHF-EHF Horn                      | com-power    | AH-840                   | 101071       | 18GHz~40GHz                  | Apr. 09, 2024    | Apr. 21, 2024~May 12, 2024 | Apr. 08, 2025 | Radiation (03CH01-SZ) |
| LF Amplifier                      | Burgeon      | BPA-530                  | 102209       | 0.01~3000Mhz                 | Apr. 09, 2024    | Apr. 21, 2024~May 12, 2024 | Apr. 08, 2025 | Radiation (03CH01-SZ) |
| HF Amplifier                      | MITEQ        | AMF-7D-00101800-30-10P-R | 1943528      | 1GHz~18GHz                   | Oct. 18, 2023    | Apr. 21, 2024~May 12, 2024 | Oct. 17, 2024 | Radiation (03CH01-SZ) |
| HF Amplifier                      | KEYSIGHT     | 83017A                   | MY53270105   | 0.5GHz~26.5GHz               | Oct. 18, 2023    | Apr. 21, 2024~May 12, 2024 | Oct. 17, 2024 | Radiation (03CH01-SZ) |
| HF Amplifier                      | MITEQ        | TTA1840-35-HG            | 1871923      | 18GHz~40GHz                  | Jul. 07, 2023    | Apr. 21, 2024~May 12, 2024 | Jul. 06, 2024 | Radiation (03CH01-SZ) |
| AC Power Source                   | Chroma       | 61601                    | 616010001985 | N/A                          | Oct. 18, 2023    | Apr. 21, 2024~May 12, 2024 | Oct. 17, 2024 | Radiation (03CH01-SZ) |
| Turn Table                        | EM           | EM1000                   | N/A          | 0~360 degree                 | NCR              | Apr. 21, 2024~May 12, 2024 | NCR           | Radiation (03CH01-SZ) |
| Antenna Mast                      | EM           | EM1000                   | N/A          | 1 m~4 m                      | NCR              | Apr. 21, 2024~May 12, 2024 | NCR           | Radiation (03CH01-SZ) |
| EMI Receiver                      | R&S          | ESR7                     | 101630       | 9kHz~7GHz;                   | Jul. 06, 2023    | May 08, 2024               | Jul. 05, 2024 | Conduction (CO01-SZ)  |
| AC LISN                           | R&S          | ENV216                   | 100063       | 9kHz~30MHz                   | Aug. 21, 2023    | May 08, 2024               | Aug. 20, 2024 | Conduction (CO01-SZ)  |
| AC LISN (for auxiliary equipment) | EMCO         | 3816/2SH                 | 00103892     | 9kHz~30MHz                   | Oct. 16, 2023    | May 08, 2024               | Oct. 15, 2024 | Conduction (CO01-SZ)  |
| AC Power Source                   | Chroma       | 61602                    | 616020000891 | 100Vac~250Vac                | Jul. 07, 2023    | May 08, 2024               | Jul. 06, 2024 | Conduction (CO01-SZ)  |
| Signal Analyzer                   | R&S          | FSV7                     | 101473       | 10Hz~7GHz                    | Dec. 28, 2023    | May 13, 2024~May 15, 2024  | Dec. 27, 2024 | Conducted (DFS01-SZ)  |
| MXG-B RF Vector Signal Generator  | Keysight     | N5182B                   | MY56200424   | 9kHz~6GHz                    | Apr. 09, 2024    | May 13, 2024~May 15, 2024  | Apr. 08, 2025 | Conducted (DFS01-SZ)  |
| Thermo meter                      | Anymetre     | JR593                    | #8           | - 10°C ~ 50°C<br>10%RH~99%RH | Apr. 09, 2024    | May 13, 2024~May 15, 2024  | Apr. 08, 2025 | Conducted (DFS01-SZ)  |

NCR: No Calibration Required



## 5 Measurement Uncertainty

### Uncertainty of Conducted Measurement

| Test Item                              | Uncertainty     |
|----------------------------------------|-----------------|
| Conducted Spurious Emission & Bandedge | $\pm 1.34$ dB   |
| Occupied Channel Bandwidth             | $\pm 0.012$ MHz |
| Conducted Power                        | $\pm 1.34$ dB   |
| Conducted Power Spectral Density       | $\pm 1.32$ dB   |
| Frequency                              | $\pm 1.3$ Hz    |
| Conducted Generated signal Levels      | $\pm 0.62$ dB   |
| Conducted Time                         | 0.38%           |

### Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 2.5dB |
|--------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 2.8dB |
|--------------------------------------------------------------------------|-------|

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

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 4.2dB |
|--------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 4.2dB |
|--------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 4.3dB |
|--------------------------------------------------------------------------|-------|

----- THE END -----



## **Appendix A. Conducted Test Results**

A1. Conducted Test Results

|                |                   |                    |       |    |
|----------------|-------------------|--------------------|-------|----|
| Test Engineer: | Sam Zheng         | Temperature:       | 21~25 | °C |
| Test Date:     | 2024/5/7~2024/6/4 | Relative Humidity: | 51~54 | %  |

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

| U-NII-5 MIMO |           |                 |             |                     |                       |             |            |
|--------------|-----------|-----------------|-------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | N <sub>TX</sub> | Freq. (MHz) | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |                 |             | Ant 7               | Ant 7                 |             |            |
| 11a          | 6Mbps     | 2               | 5955        | 16.28               | 19.02                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6175        | 16.28               | 19.08                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6415        | 16.28               | 19.14                 | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.

Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

TEST RESULTS DATA  
EIRP Power Table

| U-NII-5 MIMO |           |     |             |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| 11a          | 6Mbps     | 2   | 5955        | 0.26             | 0.26  | 9.68                                   | 10.16 | 12.93 | -8.00    |       | 4.93             | 24.00                  | Pass       | 10.5          |       |
| 11a          | 6Mbps     | 2   | 6175        | 0.26             | 0.26  | 8.26                                   | 10.25 | 12.38 | -8.00    |       | 4.38             | 24.00                  | Pass       | 10.5          |       |
| 11a          | 6Mbps     | 2   | 6415        | 0.26             | 0.26  | 9.43                                   | 9.16  | 12.30 | -8.00    |       | 4.30             | 24.00                  | Pass       | 10.5          |       |

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

| U-NII-5 MIMO |           |     |             |                  |       |                                   |       |      |          |       |                              |                                |            |
|--------------|-----------|-----|-------------|------------------|-------|-----------------------------------|-------|------|----------|-------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |      | DG (dBi) |       | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM  | Ant 8    | Ant 7 | SUM                          |                                |            |
| 11a          | 6Mbps     | 2   | 5955        | 0.26             | 0.26  |                                   |       | 2.94 | -5.24    |       | -2.30                        | -1.00                          | Pass       |
| 11a          | 6Mbps     | 2   | 6175        | 0.26             | 0.26  |                                   |       | 2.57 | -5.24    |       | -2.67                        | -1.00                          | Pass       |
| 11a          | 6Mbps     | 2   | 6415        | 0.26             | 0.26  |                                   |       | 2.09 | -5.24    |       | -3.15                        | -1.00                          | Pass       |

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

| U-NII-6 MIMO |           |     |             |                     |                       |             |            |
|--------------|-----------|-----|-------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |     |             | Ant 7               | Ant 7                 |             |            |
| 11a          | 6Mbps     | 2   | 6435        | 16.33               | 19.26                 | 320         | Pass       |
| 11a          | 6Mbps     | 2   | 6475        | 16.28               | 19.08                 | 320         | Pass       |
| 11a          | 6Mbps     | 2   | 6515        | 16.28               | 18.90                 | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.

Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

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

| U-NII-6 MIMO |           |     |             |                  |       |                                        |       |       |          |       |                  |                        |            |
|--------------|-----------|-----|-------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 |                  |                        |            |
| 11a          | 6Mbps     | 2   | 6435        | 0.26             | 0.26  | 9.18                                   | 8.49  | 11.86 | -7.50    |       | 4.36             | 24.00                  | Pass       |
| 11a          | 6Mbps     | 2   | 6475        | 0.26             | 0.26  | 9.55                                   | 8.49  | 12.06 | -7.50    |       | 4.56             | 24.00                  | Pass       |
| 11a          | 6Mbps     | 2   | 6515        | 0.26             | 0.26  | 9.29                                   | 8.56  | 11.95 | -7.50    |       | 4.45             | 24.00                  | Pass       |

| Power Setting |       |
|---------------|-------|
| Ant 8         | Ant 7 |
|               | 10.5  |
|               | 10.5  |
|               | 10.5  |

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

| U-NII-6 MIMO |           |     |             |                  |       |                                   |       |      |          |       |                              |                                |            |
|--------------|-----------|-----|-------------|------------------|-------|-----------------------------------|-------|------|----------|-------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |      | DG (dBi) |       | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM  | Ant 8    | Ant 7 | SUM                          |                                |            |
| 11a          | 6Mbps     | 2   | 6435        | 0.26             | 0.26  |                                   |       | 1.57 | -4.98    |       | -3.41                        | -1.00                          | Pass       |
| 11a          | 6Mbps     | 2   | 6475        | 0.26             | 0.26  |                                   |       | 1.84 | -4.98    |       | -3.14                        | -1.00                          | Pass       |
| 11a          | 6Mbps     | 2   | 6515        | 0.26             | 0.26  |                                   |       | 1.83 | -4.98    |       | -3.14                        | -1.00                          | Pass       |

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

| U-NII-7 MIMO |           |                 |             |                     |                       |             |            |
|--------------|-----------|-----------------|-------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | N <sub>TX</sub> | Freq. (MHz) | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |                 |             | Ant 7               | Ant 7                 |             |            |
| 11a          | 6Mbps     | 2               | 6535        | 16.28               | 19.20                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6695        | 16.28               | 18.96                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6855        | 16.28               | 19.02                 | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.

Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

TEST RESULTS DATA  
EIRP Power Table

| U-NII-7 MIMO |           |     |             |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| 11a          | 6Mbps     | 2   | 6535        | 0.26             | 0.26  | 9.26                                   | 8.61  | 11.95 | -7.50    |       | 4.45             | 24.00                  | Pass       |               | 10.5  |
| 11a          | 6Mbps     | 2   | 6695        | 0.26             | 0.26  | 9.11                                   | 9.16  | 12.14 | -7.50    |       | 4.64             | 24.00                  | Pass       |               | 10.5  |
| 11a          | 6Mbps     | 2   | 6855        | 0.26             | 0.26  | 8.31                                   | 8.41  | 11.37 | -7.50    |       | 3.87             | 24.00                  | Pass       |               | 10.5  |

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

| U-NII-7 MIMO |           |     |             |                  |       |                                   |       |      |          |       |                              |                                |            |
|--------------|-----------|-----|-------------|------------------|-------|-----------------------------------|-------|------|----------|-------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |      | DG (dBi) |       | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM  | Ant 8    | Ant 7 | SUM                          |                                |            |
| 11a          | 6Mbps     | 2   | 6535        | 0.26             | 0.26  |                                   |       | 1.81 | -4.74    | -2.93 | -1.00                        | Pass                           |            |
| 11a          | 6Mbps     | 2   | 6695        | 0.26             | 0.26  |                                   |       | 1.70 | -4.74    | -3.04 | -1.00                        | Pass                           |            |
| 11a          | 6Mbps     | 2   | 6855        | 0.26             | 0.26  |                                   |       | 0.89 | -4.74    | -3.84 | -1.00                        | Pass                           |            |

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

| U-NII-8 MIMO |           |                 |             |                     |                       |             |            |
|--------------|-----------|-----------------|-------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | N <sub>TX</sub> | Freq. (MHz) | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |                 |             | Ant 7               | Ant 7                 |             |            |
| 11a          | 6Mbps     | 2               | 6875        | 16.28               | 18.96                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6895        | 16.28               | 18.96                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 6995        | 16.33               | 19.02                 | 320         | Pass       |
| 11a          | 6Mbps     | 2               | 7095        | 16.28               | 19.02                 | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.

Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

TEST RESULTS DATA  
EIRP Power Table

| U-NII-8 MIMO |           |     |             |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| 11a          | 6Mbps     | 2   | 6875        | 0.26             | 0.26  | 8.20                                   | 8.86  | 11.55 | -7.50    |       | 4.05             | 24.00                  | Pass       | 10.5          |       |
| 11a          | 6Mbps     | 2   | 6895        | 0.26             | 0.26  | 8.04                                   | 9.16  | 11.64 | -7.50    |       | 4.14             | 24.00                  | Pass       | 10.5          |       |
| 11a          | 6Mbps     | 2   | 6995        | 0.26             | 0.26  | 7.81                                   | 7.62  | 10.72 | -7.50    |       | 3.22             | 24.00                  | Pass       | 10.5          |       |
| 11a          | 6Mbps     | 2   | 7095        | 0.26             | 0.26  | 9.02                                   | 7.86  | 11.49 | -7.50    |       | 3.99             | 24.00                  | Pass       | 10.5          |       |

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

| U-NII-8 MIMO |           |     |             |                  |       |                                   |       |      |          |       |                              |                                |            |
|--------------|-----------|-----|-------------|------------------|-------|-----------------------------------|-------|------|----------|-------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |      | DG (dBi) |       | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM  | Ant 8    | Ant 7 | SUM                          |                                |            |
| 11a          | 6Mbps     | 2   | 6875        | 0.26             | 0.26  |                                   |       | 1.00 | -4.74    | -3.73 | -1.00                        | Pass                           |            |
| 11a          | 6Mbps     | 2   | 6895        | 0.26             | 0.26  |                                   |       | 1.11 | -4.74    | -3.63 | -1.00                        | Pass                           |            |
| 11a          | 6Mbps     | 2   | 6995        | 0.26             | 0.26  |                                   |       | 0.49 | -4.74    | -4.25 | -1.00                        | Pass                           |            |
| 11a          | 6Mbps     | 2   | 7095        | 0.26             | 0.26  |                                   |       | 0.42 | -4.74    | -4.31 | -1.00                        | Pass                           |            |

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

| U-NII-5 MIMO |           |     |             |            |                     |                       |             |            |
|--------------|-----------|-----|-------------|------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |     |             |            | Ant 7               | Ant 7                 |             |            |
| HE20         | MCS0      | 2   | 5955        | Full       | 18.83               | 21.06                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6175        | Full       | 18.88               | 20.94                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6415        | Full       | 18.83               | 21.12                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 5965        | Full       | 37.56               | 40.56                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6165        | Full       | 37.56               | 40.32                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6405        | Full       | 37.56               | 41.04                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 5985        | Full       | 76.84               | 82.08                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6145        | Full       | 76.72               | 82.08                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6385        | Full       | 76.72               | 82.32                 | 320         | Pass       |
| HE160        | MCS0      | 2   | 6025        | Full       | 155.60              | 165.60                | 320         | Pass       |
| HE160        | MCS0      | 2   | 6185        | Full       | 155.36              | 164.64                | 320         | Pass       |
| HE160        | MCS0      | 2   | 6345        | Full       | 155.36              | 165.12                | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.  
Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

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

| U-NII-5 MIMO |           |     |             |            |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| HE20         | MCS0      | 2   | 5955        | Full       | 0.06             | 0.06  | 9.56                                   | 10.19 | 12.90 | -8.00    |       | 4.90             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 5955        | 26/0       | 0.06             | 0.06  | 0.61                                   | 1.89  | 4.31  | -8.00    |       | -3.69            | 24.00                  | Pass       |               | 1.5   |
| HE20         | MCS0      | 2   | 5955        | 52/37      | 0.06             | 0.06  | 4.02                                   | 4.58  | 7.32  | -8.00    |       | -0.68            | 24.00                  | Pass       |               | 5     |
| HE20         | MCS0      | 2   | 5955        | 106/53     | 0.06             | 0.06  | 6.86                                   | 7.26  | 10.08 | -8.00    |       | 2.08             | 24.00                  | Pass       |               | 7.5   |
| HE20         | MCS0      | 2   | 6175        | Full       | 0.06             | 0.06  | 8.11                                   | 10.10 | 12.23 | -8.00    |       | 4.23             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 6415        | Full       | 0.06             | 0.06  | 8.70                                   | 9.01  | 11.87 | -8.00    |       | 3.87             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 5965        | Full       | 0.06             | 0.06  | 9.71                                   | 10.29 | 13.02 | -8.00    |       | 5.02             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6165        | Full       | 0.06             | 0.06  | 7.76                                   | 9.77  | 11.89 | -8.00    |       | 3.89             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6405        | Full       | 0.06             | 0.06  | 8.98                                   | 9.19  | 12.10 | -8.00    |       | 4.10             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 5985        | Full       | 0.03             | 0.05  | 10.73                                  | 11.33 | 14.05 | -8.00    |       | 6.05             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6145        | Full       | 0.03             | 0.05  | 9.25                                   | 10.67 | 13.02 | -8.00    |       | 5.02             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6385        | Full       | 0.03             | 0.05  | 9.83                                   | 9.71  | 12.78 | -8.00    |       | 4.78             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6025        | Full       | 0.05             | 0.05  | 10.76                                  | 11.77 | 14.31 | -8.00    |       | 6.31             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6185        | Full       | 0.05             | 0.05  | 9.23                                   | 10.55 | 12.95 | -8.00    |       | 4.95             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6345        | Full       | 0.05             | 0.05  | 8.95                                   | 8.93  | 11.95 | -8.00    |       | 3.95             | 24.00                  | Pass       |               | 10.5  |

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

| U-NII-5 MIMO |           |     |             |            |                  |       |                                   |       |       |          |        |                              |                                |            |
|--------------|-----------|-----|-------------|------------|------------------|-------|-----------------------------------|-------|-------|----------|--------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |       | DG (dBi) |        | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM   | Ant 8    | Ant 7  | SUM                          |                                |            |
| HE20         | MCS0      | 2   | 5955        | Full       | 0.06             | 0.06  |                                   |       | 2.20  | -5.24    | -3.04  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 5955        | 26/0       | 0.06             | 0.06  |                                   |       | 1.71  | -5.24    | -3.53  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 5955        | 52/37      | 0.06             | 0.06  |                                   |       | 1.88  | -5.24    | -3.36  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 5955        | 106/53     | 0.06             | 0.06  |                                   |       | 1.70  | -5.24    | -3.54  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6175        | Full       | 0.06             | 0.06  |                                   |       | 1.71  | -5.24    | -3.52  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6415        | Full       | 0.06             | 0.06  |                                   |       | 1.19  | -5.24    | -4.05  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 5965        | Full       | 0.06             | 0.06  |                                   |       | -0.29 | -5.24    | -5.52  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6165        | Full       | 0.06             | 0.06  |                                   |       | -1.11 | -5.24    | -6.35  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6405        | Full       | 0.06             | 0.06  |                                   |       | -1.19 | -5.24    | -6.43  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 5985        | Full       | 0.03             | 0.05  |                                   |       | -1.48 | -5.24    | -6.71  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 6145        | Full       | 0.03             | 0.05  |                                   |       | -2.51 | -5.24    | -7.74  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 6385        | Full       | 0.03             | 0.05  |                                   |       | -2.72 | -5.24    | -7.95  | -1.00                        | Pass                           |            |
| HE160        | MCS0      | 2   | 6025        | Full       | 0.05             | 0.05  |                                   |       | -4.93 | -5.24    | -10.17 | -1.00                        | Pass                           |            |
| HE160        | MCS0      | 2   | 6185        | Full       | 0.05             | 0.05  |                                   |       | -5.66 | -5.24    | -10.89 | -1.00                        | Pass                           |            |
| HE160        | MCS0      | 2   | 6345        | Full       | 0.05             | 0.05  |                                   |       | -6.64 | -5.24    | -11.87 | -1.00                        | Pass                           |            |

### 26dB and 99% OBW

| U-NII-6 MIMO |           |                 |             |            |                     |                       |             |            |
|--------------|-----------|-----------------|-------------|------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | N <sub>TX</sub> | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |                 |             |            | Ant 7               | Ant 7                 |             |            |
| HE20         | MCS0      | 2               | 6435        | Full       | 18.83               | 20.94                 | 320         | Pass       |
| HE20         | MCS0      | 2               | 6475        | Full       | 18.83               | 21.00                 | 320         | Pass       |
| HE20         | MCS0      | 2               | 6515        | Full       | 18.83               | 21.06                 | 320         | Pass       |
| HE40         | MCS0      | 2               | 6445        | Full       | 37.56               | 40.56                 | 320         | Pass       |
| HE40         | MCS0      | 2               | 6485        | Full       | 37.56               | 40.44                 | 320         | Pass       |
| HE40         | MCS0      | 2               | 6525        | Full       | 37.56               | 40.44                 | 320         | Pass       |
| HE80         | MCS0      | 2               | 6465        | Full       | 76.84               | 82.32                 | 320         | Pass       |
| HE80         | MCS0      | 2               | 6545        | Full       | 76.84               | 81.84                 | 320         | Pass       |
| HE160        | MCS0      | 2               | 6505        | Full       | 155.60              | 164.64                | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.  
Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

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

| U-NII-6 MIMO |           |     |     |             |            |                  |       |                                        |       |       |          |       |                  |                        | Power Setting |       |            |
|--------------|-----------|-----|-----|-------------|------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|---------------|-------|------------|
| Mod.         | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) |               |       | Pass /Fail |
|              |           |     |     |             |            | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |               |       |            |
| HE20         | MCS0      | 2   | 097 | 6435        | Full       | 0.06             | 0.06  | 8.46                                   | 8.49  | 11.49 | -7.50    |       | 3.99             | 24.00                  | Pass          | Ant 8 | Ant 7      |
| HE20         | MCS0      | 2   | 097 | 6435        | 26/0       | 0.06             | 0.06  | -0.94                                  | -0.46 | 2.32  | -7.50    |       | -5.18            | 24.00                  | Pass          |       |            |
| HE20         | MCS0      | 2   | 097 | 6435        | 52/37      | 0.06             | 0.06  | 2.09                                   | 2.56  | 5.34  | -7.50    |       | -2.16            | 24.00                  | Pass          |       |            |
| HE20         | MCS0      | 2   | 097 | 6435        | 106/53     | 0.06             | 0.06  | 5.16                                   | 5.60  | 8.40  | -7.50    |       | 0.90             | 24.00                  | Pass          |       |            |
| HE20         | MCS0      | 2   | 105 | 6475        | Full       | 0.06             | 0.06  | 8.86                                   | 8.40  | 11.65 | -7.50    |       | 4.15             | 24.00                  | Pass          |       |            |
| HE20         | MCS0      | 2   | 113 | 6515        | Full       | 0.06             | 0.06  | 8.66                                   | 8.42  | 11.56 | -7.50    |       | 4.06             | 24.00                  | Pass          |       |            |
| HE40         | MCS0      | 2   | 099 | 6445        | Full       | 0.06             | 0.06  | 9.17                                   | 8.61  | 11.91 | -7.50    |       | 4.41             | 24.00                  | Pass          |       |            |
| HE40         | MCS0      | 2   | 107 | 6485        | Full       | 0.06             | 0.06  | 8.86                                   | 8.62  | 11.75 | -7.50    |       | 4.25             | 24.00                  | Pass          |       |            |
| HE40         | MCS0      | 2   | 115 | 6525        | Full       | 0.06             | 0.06  | 8.89                                   | 8.78  | 11.85 | -7.50    |       | 4.35             | 24.00                  | Pass          |       |            |
| HE80         | MCS0      | 2   | 103 | 6465        | Full       | 0.03             | 0.05  | 10.36                                  | 9.59  | 13.00 | -7.50    |       | 5.50             | 24.00                  | Pass          |       |            |
| HE80         | MCS0      | 2   | 119 | 6545        | Full       | 0.03             | 0.05  | 10.06                                  | 9.61  | 12.85 | -7.50    |       | 5.35             | 24.00                  | Pass          |       |            |
| HE160        | MCS0      | 2   | 111 | 6505        | Full       | 0.05             | 0.05  | 10.59                                  | 9.01  | 12.89 | -7.50    |       | 5.39             | 24.00                  | Pass          |       |            |

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

| U-NII-6 MIMO |           |     |             |            |                  |       |                                   |       |       |          |        |                              |                                |            |
|--------------|-----------|-----|-------------|------------|------------------|-------|-----------------------------------|-------|-------|----------|--------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |       | DG (dBi) |        | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM   | Ant 8    | Ant 7  | SUM                          |                                |            |
| HE20         | MCS0      | 2   | 6435        | Full       | 0.06             | 0.06  |                                   |       | 0.70  | -4.98    | -4.27  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6435        | 26/0       | 0.06             | 0.06  |                                   |       | 0.05  | -4.98    | -4.92  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6435        | 52/37      | 0.06             | 0.06  |                                   |       | 0.07  | -4.98    | -4.91  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6435        | 106/53     | 0.06             | 0.06  |                                   |       | -0.02 | -4.98    | -4.99  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6475        | Full       | 0.06             | 0.06  |                                   |       | 1.01  | -4.98    | -3.96  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6515        | Full       | 0.06             | 0.06  |                                   |       | 0.96  | -4.98    | -4.02  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6445        | Full       | 0.06             | 0.06  |                                   |       | -1.58 | -4.98    | -6.56  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6485        | Full       | 0.06             | 0.06  |                                   |       | -1.63 | -4.98    | -6.61  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6525        | Full       | 0.06             | 0.06  |                                   |       | -1.53 | -4.98    | -6.50  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 6465        | Full       | 0.03             | 0.05  |                                   |       | -2.76 | -4.98    | -7.74  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 6545        | Full       | 0.03             | 0.05  |                                   |       | -2.90 | -4.98    | -7.87  | -1.00                        | Pass                           |            |
| HE160        | MCS0      | 2   | 6505        | Full       | 0.05             | 0.05  |                                   |       | -6.40 | -4.98    | -11.38 | -1.00                        | Pass                           |            |

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

| U-NII-7 MIMO |           |     |             |            |                     |                       |             |            |
|--------------|-----------|-----|-------------|------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |     |             |            | Ant 7               | Ant 7                 |             |            |
| HE20         | MCS0      | 2   | 6535        | Full       | 18.83               | 20.88                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6695        | Full       | 18.83               | 21.00                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6855        | Full       | 18.83               | 20.88                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6565        | Full       | 37.56               | 40.44                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6685        | Full       | 37.56               | 40.20                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6845        | Full       | 37.56               | 40.44                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6625        | Full       | 76.72               | 81.84                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6705        | Full       | 76.84               | 81.84                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6785        | Full       | 76.84               | 81.84                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6865        | Full       | 76.60               | 81.84                 | 320         | Pass       |
| HE160        | MCS0      | 2   | 6665        | Full       | 155.84              | 164.64                | 320         | Pass       |
| HE160        | MCS0      | 2   | 6825        | Full       | 155.84              | 163.68                | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.  
Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

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

| U-NII-7 MIMO |           |     |             |            |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| HE20         | MCS0      | 2   | 6535        | Full       | 0.06             | 0.06  | 8.60                                   | 8.46  | 11.54 | -7.50    |       | 4.04             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 6695        | Full       | 0.06             | 0.06  | 8.49                                   | 9.14  | 11.84 | -7.50    |       | 4.34             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 6855        | Full       | 0.06             | 0.06  | 7.68                                   | 8.26  | 10.99 | -7.50    |       | 3.49             | 24.00                  | Pass       |               | 10.5  |
| BE20         | MCS0      | 2   | 6855        | 26/8       | 0.06             | 0.06  | -1.20                                  | -1.34 | 1.74  | -7.50    |       | -5.76            | 24.00                  | Pass       |               | 1.5   |
| BE20         | MCS0      | 2   | 6855        | 52/40      | 0.06             | 0.06  | 1.89                                   | 1.36  | 4.65  | -7.50    |       | -2.85            | 24.00                  | Pass       |               | 4.5   |
| BE20         | MCS0      | 2   | 6855        | 106/54     | 0.06             | 0.06  | 4.94                                   | 4.21  | 7.60  | -7.50    |       | 0.10             | 24.00                  | Pass       |               | 7.5   |
| HE40         | MCS0      | 2   | 6565        | Full       | 0.06             | 0.06  | 9.00                                   | 9.08  | 12.05 | -7.50    |       | 4.55             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6685        | Full       | 0.06             | 0.06  | 8.78                                   | 9.21  | 12.01 | -7.50    |       | 4.51             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6845        | Full       | 0.06             | 0.06  | 7.94                                   | 8.48  | 11.23 | -7.50    |       | 3.73             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6625        | Full       | 0.03             | 0.05  | 10.13                                  | 9.91  | 13.03 | -7.50    |       | 5.53             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6705        | Full       | 0.03             | 0.05  | 9.63                                   | 10.00 | 12.83 | -7.50    |       | 5.33             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6785        | Full       | 0.03             | 0.05  | 8.83                                   | 9.16  | 12.01 | -7.50    |       | 4.51             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6865        | Full       | 0.03             | 0.05  | 8.83                                   | 9.45  | 12.16 | -7.50    |       | 4.66             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6665        | Full       | 0.05             | 0.05  | 10.14                                  | 9.97  | 13.07 | -7.50    |       | 5.57             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6825        | Full       | 0.05             | 0.05  | 8.38                                   | 8.57  | 11.49 | -7.50    |       | 3.99             | 24.00                  | Pass       |               | 10.5  |

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

| U-NII-7 MIMO |           |                 |             |            |                  |       |                                   |       |       |          |       |                              |                                |            |
|--------------|-----------|-----------------|-------------|------------|------------------|-------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | N <sub>TX</sub> | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |       | DG (dBi) |       | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |                 |             |            | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM                          |                                |            |
| HE20         | MCS0      | 2               | 6535        | Full       | 0.06             | 0.06  |                                   |       | 0.91  | -4.74    |       | -3.82                        | -1.00                          | Pass       |
| HE20         | MCS0      | 2               | 6695        | Full       | 0.06             | 0.06  |                                   |       | 1.03  | -4.74    |       | -3.71                        | -1.00                          | Pass       |
| HE20         | MCS0      | 2               | 6855        | Full       | 0.06             | 0.06  |                                   |       | 0.21  | -4.74    |       | -4.52                        | -1.00                          | Pass       |
| BE20         | MCS0      | 2               | 6855        | 26/8       | 0.06             | 0.06  |                                   |       | -0.63 | -4.74    |       | -5.37                        | -1.00                          | Pass       |
| BE20         | MCS0      | 2               | 6855        | 52/40      | 0.06             | 0.06  |                                   |       | -0.64 | -4.74    |       | -5.38                        | -1.00                          | Pass       |
| BE20         | MCS0      | 2               | 6855        | 106/54     | 0.06             | 0.06  |                                   |       | -0.74 | -4.74    |       | -5.48                        | -1.00                          | Pass       |
| HE40         | MCS0      | 2               | 6565        | Full       | 0.06             | 0.06  |                                   |       | -1.37 | -4.74    |       | -6.10                        | -1.00                          | Pass       |
| HE40         | MCS0      | 2               | 6685        | Full       | 0.06             | 0.06  |                                   |       | -1.34 | -4.74    |       | -6.07                        | -1.00                          | Pass       |
| HE40         | MCS0      | 2               | 6845        | Full       | 0.06             | 0.06  |                                   |       | -2.03 | -4.74    |       | -6.76                        | -1.00                          | Pass       |
| HE80         | MCS0      | 2               | 6625        | Full       | 0.03             | 0.05  |                                   |       | -2.54 | -4.74    |       | -7.27                        | -1.00                          | Pass       |
| HE80         | MCS0      | 2               | 6705        | Full       | 0.03             | 0.05  |                                   |       | -2.99 | -4.74    |       | -7.72                        | -1.00                          | Pass       |
| HE80         | MCS0      | 2               | 6785        | Full       | 0.03             | 0.05  |                                   |       | -3.64 | -4.74    |       | -8.37                        | -1.00                          | Pass       |
| HE80         | MCS0      | 2               | 6865        | Full       | 0.03             | 0.05  |                                   |       | -3.51 | -4.74    |       | -8.25                        | -1.00                          | Pass       |
| HE160        | MCS0      | 2               | 6665        | Full       | 0.05             | 0.05  |                                   |       | -5.95 | -4.74    |       | -10.68                       | -1.00                          | Pass       |
| HE160        | MCS0      | 2               | 6825        | Full       | 0.05             | 0.05  |                                   |       | -7.21 | -4.74    |       | -11.94                       | -1.00                          | Pass       |

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

| U-NII-8 MIMO |           |     |             |            |                     |                       |             |            |
|--------------|-----------|-----|-------------|------------|---------------------|-----------------------|-------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | 26 dB Bandwidth (MHz) | Limit (MHz) | Pass /Fail |
|              |           |     |             |            | Ant 7               | Ant 7                 |             |            |
| HE20         | MCS0      | 2   | 6875        | Full       | 18.83               | 20.94                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6895        | Full       | 18.88               | 21.18                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 6995        | Full       | 18.93               | 20.70                 | 320         | Pass       |
| HE20         | MCS0      | 2   | 7095        | Full       | 18.88               | 20.82                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6885        | Full       | 37.56               | 40.44                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6925        | Full       | 37.56               | 40.68                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 6965        | Full       | 37.66               | 40.08                 | 320         | Pass       |
| HE40         | MCS0      | 2   | 7085        | Full       | 37.56               | 40.56                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 6945        | Full       | 76.72               | 81.84                 | 320         | Pass       |
| HE80         | MCS0      | 2   | 7025        | Full       | 76.48               | 82.08                 | 320         | Pass       |
| HE160        | MCS0      | 2   | 6985        | Full       | 155.84              | 165.60                | 320         | Pass       |

Note1:For channels with a nominal bandwidth of 320MHz,compliance is demonstrated by way of the 99%BW.  
Note2:For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz),compliance is demonstrated by way of the 26dB EBW.

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

| U-NII-8 MIMO |           |     |             |            |                  |       |                                        |       |       |          |       |                  |                        |            |               |       |
|--------------|-----------|-----|-------------|------------|------------------|-------|----------------------------------------|-------|-------|----------|-------|------------------|------------------------|------------|---------------|-------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power with duty factor (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail | Power Setting |       |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                                  | Ant 7 | SUM   | Ant 8    | Ant 7 | SUM              |                        |            | Ant 8         | Ant 7 |
| HE20         | MCS0      | 2   | 6875        | Full       | 0.06             | 0.06  | 7.45                                   | 8.72  | 11.14 | -7.50    |       | 3.64             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 6895        | Full       | 0.06             | 0.06  | 7.36                                   | 9.02  | 11.28 | -7.50    |       | 3.78             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 6995        | Full       | 0.06             | 0.06  | 7.16                                   | 7.46  | 10.33 | -7.50    |       | 2.83             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 7095        | Full       | 0.06             | 0.06  | 8.28                                   | 7.78  | 11.05 | -7.50    |       | 3.55             | 24.00                  | Pass       |               | 10.5  |
| HE20         | MCS0      | 2   | 7095        | 26/8       | 0.06             | 0.06  | -0.54                                  | -0.17 | 2.66  | -7.50    |       | -4.84            | 24.00                  | Pass       |               | 2     |
| HE20         | MCS0      | 2   | 7095        | 52/40      | 0.06             | 0.06  | 2.86                                   | 2.06  | 5.49  | -7.50    |       | -2.01            | 24.00                  | Pass       |               | 5     |
| HE20         | MCS0      | 2   | 7095        | 106/54     | 0.06             | 0.06  | 5.40                                   | 4.66  | 8.06  | -7.50    |       | 0.56             | 24.00                  | Pass       |               | 7.5   |
| HE40         | MCS0      | 2   | 6885        | Full       | 0.06             | 0.06  | 7.36                                   | 9.06  | 11.31 | -7.50    |       | 3.81             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6925        | Full       | 0.06             | 0.06  | 6.62                                   | 9.06  | 11.02 | -7.50    |       | 3.52             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 6965        | Full       | 0.06             | 0.06  | 7.03                                   | 8.26  | 10.70 | -7.50    |       | 3.20             | 24.00                  | Pass       |               | 10.5  |
| HE40         | MCS0      | 2   | 7085        | Full       | 0.06             | 0.06  | 8.16                                   | 7.86  | 11.03 | -7.50    |       | 3.53             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 6945        | Full       | 0.03             | 0.05  | 8.18                                   | 9.30  | 11.78 | -7.50    |       | 4.28             | 24.00                  | Pass       |               | 10.5  |
| HE80         | MCS0      | 2   | 7025        | Full       | 0.03             | 0.05  | 9.09                                   | 8.36  | 11.75 | -7.50    |       | 4.25             | 24.00                  | Pass       |               | 10.5  |
| HE160        | MCS0      | 2   | 6985        | Full       | 0.05             | 0.05  | 7.90                                   | 8.05  | 10.99 | -7.50    |       | 3.49             | 24.00                  | Pass       |               | 10.5  |

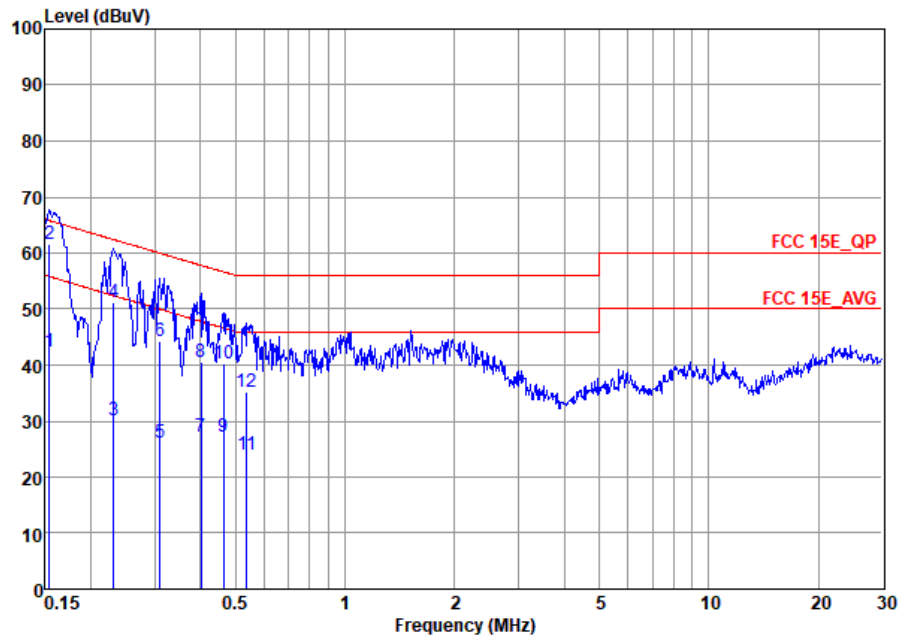
**TEST RESULTS DATA**  
**EIRP Power Spectral Density**

| U-NII-8 MIMO |           |     |             |            |                  |       |                                   |       |       |          |        |                              |                                |            |
|--------------|-----------|-----|-------------|------------|------------------|-------|-----------------------------------|-------|-------|----------|--------|------------------------------|--------------------------------|------------|
| Mod.         | Data Rate | NTx | Freq. (MHz) | RU Config. | Duty Factor (dB) |       | Conducted Power Density (dBm/MHz) |       |       | DG (dBi) |        | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
|              |           |     |             |            | Ant 8            | Ant 7 | Ant 8                             | Ant 7 | SUM   | Ant 8    | Ant 7  | SUM                          |                                |            |
| HE20         | MCS0      | 2   | 6875        | Full       | 0.06             | 0.06  |                                   |       | 0.29  | -4.74    | -4.45  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6895        | Full       | 0.06             | 0.06  |                                   |       | 0.39  | -4.74    | -4.34  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 6995        | Full       | 0.06             | 0.06  |                                   |       | -0.35 | -4.74    | -5.08  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 7095        | Full       | 0.06             | 0.06  |                                   |       | 0.15  | -4.74    | -4.59  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 7095        | 26/8       | 0.06             | 0.06  |                                   |       | -0.06 | -4.74    | -4.80  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 7095        | 52/40      | 0.06             | 0.06  |                                   |       | -0.09 | -4.74    | -4.83  | -1.00                        | Pass                           |            |
| HE20         | MCS0      | 2   | 7095        | 106/54     | 0.06             | 0.06  |                                   |       | -0.53 | -4.74    | -5.26  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6885        | Full       | 0.06             | 0.06  |                                   |       | -2.09 | -4.74    | -6.83  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6925        | Full       | 0.06             | 0.06  |                                   |       | -2.31 | -4.74    | -7.05  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 6965        | Full       | 0.06             | 0.06  |                                   |       | -2.70 | -4.74    | -7.43  | -1.00                        | Pass                           |            |
| HE40         | MCS0      | 2   | 7085        | Full       | 0.06             | 0.06  |                                   |       | -2.36 | -4.74    | -7.10  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 6945        | Full       | 0.03             | 0.05  |                                   |       | -3.90 | -4.74    | -8.64  | -1.00                        | Pass                           |            |
| HE80         | MCS0      | 2   | 7025        | Full       | 0.03             | 0.05  |                                   |       | -3.42 | -4.74    | -8.16  | -1.00                        | Pass                           |            |
| HE160        | MCS0      | 2   | 6985        | Full       | 0.05             | 0.05  |                                   |       | -8.16 | -4.74    | -12.90 | -1.00                        | Pass                           |            |



## Appendix B. AC Conducted Emission Test Results

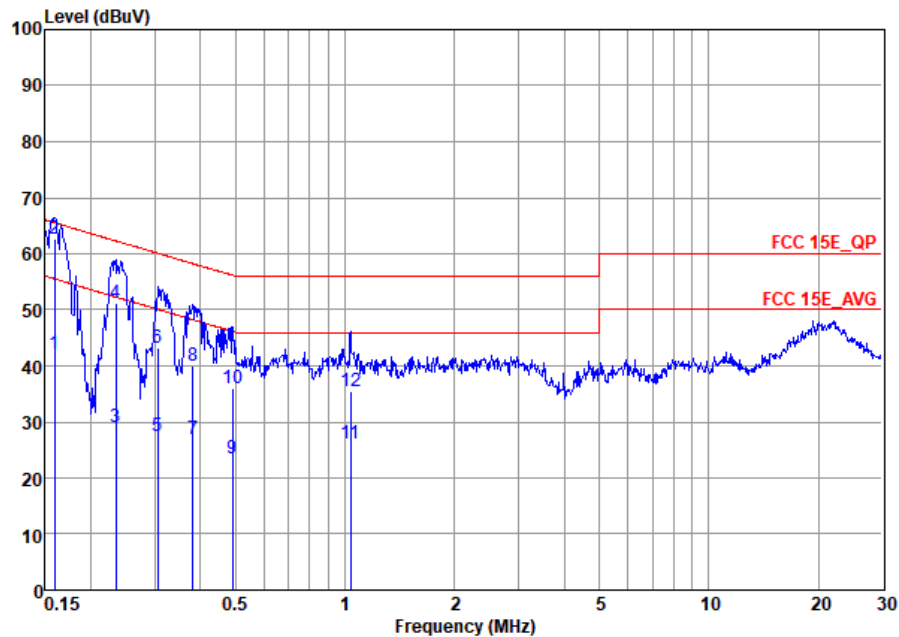
|                 |                                                                                 |                     |         |
|-----------------|---------------------------------------------------------------------------------|---------------------|---------|
| Test Engineer : | Yuki Tang                                                                       | Temperature :       | 22~24°C |
|                 |                                                                                 | Relative Humidity : | 44~50%  |
| Test Voltage :  | 120Vac / 60Hz                                                                   | Phase :             | Line    |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |         |



Site : CO01-SZ  
Condition: FCC 15E\_QP AC LISN 100063\_L LINE

|     | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark  |
|-----|------|-------|------------|------------|------------|-------------|------------|---------|
|     | MHz  | dBuV  | dB         | dBuV       | dBuV       | dB          | dB         |         |
| 1   | 0.15 | 42.49 | -13.29     | 55.78      | 22.00      | 10.36       | 10.13      | Average |
| 2 * | 0.15 | 61.69 | -4.09      | 65.78      | 41.20      | 10.36       | 10.13      | QP      |
| 3   | 0.23 | 30.00 | -22.39     | 52.39      | 9.60       | 10.25       | 10.15      | Average |
| 4   | 0.23 | 51.20 | -11.19     | 62.39      | 30.80      | 10.25       | 10.15      | QP      |
| 5   | 0.31 | 26.03 | -23.94     | 49.97      | 5.80       | 10.08       | 10.15      | Average |
| 6   | 0.31 | 44.33 | -15.64     | 59.97      | 24.10      | 10.08       | 10.15      | QP      |
| 7   | 0.40 | 27.30 | -20.51     | 47.81      | 6.69       | 10.45       | 10.16      | Average |
| 8   | 0.40 | 40.60 | -17.21     | 57.81      | 19.99      | 10.45       | 10.16      | QP      |
| 9   | 0.46 | 27.28 | -19.35     | 46.63      | 6.80       | 10.32       | 10.16      | Average |
| 10  | 0.46 | 40.28 | -16.35     | 56.63      | 19.80      | 10.32       | 10.16      | QP      |
| 11  | 0.54 | 23.98 | -22.02     | 46.00      | 3.60       | 10.22       | 10.16      | Average |
| 12  | 0.54 | 35.08 | -20.92     | 56.00      | 14.70      | 10.22       | 10.16      | QP      |

|                        |                                                                                 |                            |         |
|------------------------|---------------------------------------------------------------------------------|----------------------------|---------|
| <b>Test Engineer :</b> | Yuki Tang                                                                       | <b>Temperature :</b>       | 22~24°C |
|                        |                                                                                 | <b>Relative Humidity :</b> | 44~50%  |
| <b>Test Voltage :</b>  | 120Vac / 60Hz                                                                   | <b>Phase :</b>             | Neutral |
| <b>Remark :</b>        | All emissions not reported here are more than 10 dB below the prescribed limit. |                            |         |



Site : CO01-SZ  
Condition: FCC 15E\_QP AC LISN 100063\_N NEUTRAL

|     | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark  |
|-----|------|-------|------------|------------|------------|-------------|------------|---------|
|     | MHz  | dBuV  | dB         | dBuV       | dBuV       | dB          | dB         |         |
| 1   | 0.16 | 42.04 | -13.48     | 55.52      | 21.60      | 10.30       | 10.14      | Average |
| 2 * | 0.16 | 62.74 | -2.78      | 65.52      | 42.30      | 10.30       | 10.14      | QP      |
| 3   | 0.23 | 29.04 | -23.26     | 52.30      | 8.71       | 10.18       | 10.15      | Average |
| 4   | 0.23 | 51.14 | -11.16     | 62.30      | 30.81      | 10.18       | 10.15      | QP      |
| 5   | 0.31 | 27.42 | -22.68     | 50.10      | 6.81       | 10.46       | 10.15      | Average |
| 6   | 0.31 | 43.22 | -16.88     | 60.10      | 22.61      | 10.46       | 10.15      | QP      |
| 7   | 0.38 | 26.92 | -21.33     | 48.25      | 6.69       | 10.07       | 10.16      | Average |
| 8   | 0.38 | 40.12 | -18.13     | 58.25      | 19.89      | 10.07       | 10.16      | QP      |
| 9   | 0.49 | 23.47 | -22.67     | 46.14      | 3.20       | 10.11       | 10.16      | Average |
| 10  | 0.49 | 36.07 | -20.07     | 56.14      | 15.80      | 10.11       | 10.16      | QP      |
| 11  | 1.04 | 26.18 | -19.82     | 46.00      | 5.80       | 10.22       | 10.16      | Average |
| 12  | 1.04 | 35.48 | -20.52     | 56.00      | 15.10      | 10.22       | 10.16      | QP      |

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



## Appendix C. Radiated Spurious Emission Test Data

|                 |               |                     |         |
|-----------------|---------------|---------------------|---------|
| Test Engineer : | HuaCong Liang | Relative Humidity : | 50%     |
|                 |               | Temperature :       | 20-22°C |

### Radiated Spurious Emission Test Modes

| Mode    | Band    | Band (GHz)  | Antenna | Modulation    | Channel | Frequency | Data Rate | RU      | Remark |
|---------|---------|-------------|---------|---------------|---------|-----------|-----------|---------|--------|
| Mode 1  | U-NII-5 | 5.925-6.425 | 8+7     | 802.11a       | 1       | 5955      | 6Mbps     | -       | -      |
| Mode 2  | U-NII-5 | 5.925-6.425 | 8+7     | 802.11a       | 45      | 6175      | 6Mbps     | -       | -      |
| Mode 3  | U-NII-5 | 5.925-6.425 | 8+7     | 802.11a       | 93      | 6415      | 6Mbps     | -       | -      |
| Mode 4  | U-NII-5 | 5.925-6.425 | 8+7     | 802.11a       | 97      | 6435      | 6Mbps     | -       | -      |
| Mode 5  | U-NII-6 | 6.425-6.525 | 8+7     | 802.11a       | 105     | 6475      | 6Mbps     | -       | -      |
| Mode 6  | U-NII-6 | 6.425-6.525 | 8+7     | 802.11a       | 113     | 6515      | 6Mbps     | -       | -      |
| Mode 7  | U-NII-7 | 6.525-6.875 | 8+7     | 802.11a       | 117     | 6535      | 6Mbps     | -       | -      |
| Mode 8  | U-NII-7 | 6.525-6.875 | 8+7     | 802.11a       | 149     | 6695      | 6Mbps     | -       | -      |
| Mode 9  | U-NII-7 | 6.525-6.875 | 8+7     | 802.11a       | 181     | 6855      | 6Mbps     | -       | -      |
| Mode 10 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11a       | 189     | 6895      | 6Mbps     | -       | -      |
| Mode 11 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11a       | 209     | 6995      | 6Mbps     | -       | -      |
| Mode 12 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11a       | 229     | 7095      | 6Mbps     | -       | -      |
| Mode 13 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE20 | 1       | 5955      | MCS0      | Full RU | -      |
| Mode 14 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE20 | 45      | 6175      | MCS0      | Full RU | -      |
| Mode 15 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE20 | 93      | 6415      | MCS0      | Full RU | -      |
| Mode 16 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE20 | 97      | 6435      | MCS0      | Full RU | -      |
| Mode 17 | U-NII-6 | 6.425-6.525 | 8+7     | 802.11ax HE20 | 105     | 6475      | MCS0      | Full RU | -      |
| Mode 18 | U-NII-6 | 6.425-6.525 | 8+7     | 802.11ax HE20 | 113     | 6515      | MCS0      | Full RU | -      |
| Mode 19 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE20 | 117     | 6535      | MCS0      | Full RU | -      |
| Mode 20 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE20 | 149     | 6695      | MCS0      | Full RU | -      |
| Mode 21 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE20 | 181     | 6855      | MCS0      | Full RU | -      |
| Mode 22 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11ax HE20 | 189     | 6895      | MCS0      | Full RU | -      |
| Mode 23 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11ax HE20 | 209     | 6995      | MCS0      | Full RU | -      |
| Mode 24 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11ax HE20 | 229     | 7095      | MCS0      | Full RU | -      |
| Mode 25 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE40 | 3       | 5965      | MCS0      | Full RU | -      |
| Mode 26 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE40 | 43      | 6165      | MCS0      | Full RU | -      |
| Mode 27 | U-NII-5 | 5.925-6.425 | 8+7     | 802.11ax HE40 | 91      | 6405      | MCS0      | Full RU | -      |
| Mode 28 | U-NII-6 | 6.425-6.525 | 8+7     | 802.11ax HE40 | 99      | 6445      | MCS0      | Full RU | -      |
| Mode 29 | U-NII-6 | 6.425-6.525 | 8+7     | 802.11ax HE40 | 107     | 6485      | MCS0      | Full RU | -      |
| Mode 30 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE40 | 123     | 6565      | MCS0      | Full RU | -      |
| Mode 31 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE40 | 147     | 6685      | MCS0      | Full RU | -      |
| Mode 32 | U-NII-7 | 6.525-6.875 | 8+7     | 802.11ax HE40 | 179     | 6845      | MCS0      | Full RU | -      |
| Mode 33 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11ax HE40 | 195     | 6925      | MCS0      | Full RU | -      |
| Mode 34 | U-NII-8 | 6.875-7.125 | 8+7     | 802.11ax HE40 | 203     | 6965      | MCS0      | Full RU | -      |



| Mode    | Band        | Band (GHz)  | Antenna | Modulation     | Channel | Frequency | Data Rate | RU                  | Remark   |
|---------|-------------|-------------|---------|----------------|---------|-----------|-----------|---------------------|----------|
| Mode 35 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE40  | 227     | 7085      | MCS0      | Full RU             | -        |
| Mode 36 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE80  | 7       | 5985      | MCS0      | Full RU             | -        |
| Mode 37 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE80  | 39      | 6145      | MCS0      | Full RU             | -        |
| Mode 38 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE80  | 87      | 6385      | MCS0      | Full RU             | -        |
| Mode 39 | U-NII-6     | 6.425-6.525 | 8+7     | 802.11ax HE80  | 103     | 6465      | MCS0      | Full RU             | -        |
| Mode 40 | U-NII-7     | 6.525-6.875 | 8+7     | 802.11ax HE80  | 135     | 6625      | MCS0      | Full RU             | -        |
| Mode 41 | U-NII-7     | 6.525-6.875 | 8+7     | 802.11ax HE80  | 151     | 6705      | MCS0      | Full RU             | -        |
| Mode 42 | U-NII-7     | 6.525-6.875 | 8+7     | 802.11ax HE80  | 167     | 6785      | MCS0      | Full RU             | -        |
| Mode 43 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE80  | 199     | 6945      | MCS0      | Full RU             | -        |
| Mode 44 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE80  | 215     | 7025      | MCS0      | Full RU             | -        |
| Mode 45 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE160 | 15      | 6025      | MCS0      | Full RU             | -        |
| Mode 46 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE160 | 47      | 6185      | MCS0      | Full RU             | -        |
| Mode 47 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE160 | 79      | 6345      | MCS0      | Full RU             | -        |
| Mode 48 | U-NII-7     | 6.525-6.875 | 8+7     | 802.11ax HE160 | 143     | 6665      | MCS0      | Full RU             | -        |
| Mode 49 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE160 | 207     | 6985      | MCS0      | Full RU             | -        |
| Mode 50 | U-NII-7-8   | 6525-7125   | 8+7     | 802.11ax HE20  | 185     | 6525      | MCS0      | Full RU             | -        |
| Mode 51 | U-NII-7-8   | 6525-7125   | 8+7     | 802.11ax HE40  | 187     | 6885      | MCS0      | Full RU             | -        |
| Mode 52 | U-NII-7-8   | 6525-7125   | 8+7     | 802.11ax HE80  | 183     | 6865      | MCS0      | Full RU             | -        |
| Mode 53 | U-NII-7-8   | 6525-7125   | 8+7     | 802.11ax HE160 | 175     | 6825      | MCS0      | Full RU             | -        |
| Mode 54 | U-NII-6-7   | 6425-6875   | 8+7     | 802.11ax HE40  | 115     | 6525      | MCS0      | Full RU             | -        |
| Mode 55 | U-NII-6-7   | 6425-6875   | 8+7     | 802.11ax HE80  | 119     | 6545      | MCS0      | Full RU             | -        |
| Mode 56 | U-NII-6-7   | 6425-6875   | 8+7     | 802.11ax HE160 | 111     | 6505      | MCS0      | Full RU             | -        |
| Mode 57 | U-NII-5     | 5.925-6.425 | 8+7     | 802.11ax HE20  | 1       | 5955      | MCS0      | Partial RU<br>52/37 | -        |
| Mode 58 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE20  | 229     | 7095      | MCS0      | Partial RU<br>26/8  | -        |
| Mode 59 | U-NII-7-8   | 6525-7125   | 8+7     | 802.11a        | 185     | 6525      | MCS0      | Full RU             | -        |
| Mode 60 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE40  | 227     | 7085      | -         | -                   | LF       |
| Mode 61 | Co-location | 6G WIFI     | 8+7     | 802.11ax HE40  | 227     | 7085      | MCS0      | Full RU             | -        |
|         |             | WWAN        | 0       | B13(10M)       | -       | -         | -         | -                   | -        |
| Mode 62 | Co-location | BLE         | 8       | Bluetooth-LE   | 39      | 2480      | 2Mbps     | -                   | -        |
|         |             | 6G WIFI     | 8+7     | 802.11ax HE40  | 227     | 7085      | MCS0      | -                   | -        |
|         |             | WWAN        | 0       | B13(10M)       | -       | -         | -         | -                   | -        |
| Mode 63 | U-NII-8     | 6.875-7.125 | 8+7     | 802.11ax HE40  | 227     | 7085      | MCS0      | Full RU             | Sample 2 |

**Summary of each worse mode**

| Mode | Modulation    | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | Remark    |
|------|---------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|-----------|
| 1    | 802.11a       | 1   | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 1    | 802.11a       | 1   | 11910.00       | 48.62             | 74.00             | -25.38         | V    | Peak         | Pass   | Harmonic  |
| 2    | 802.11a       | 45  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 2    | 802.11a       | 45  | 12350.00       | 47.99             | 74.00             | -26.01         | V    | Peak         | Pass   | Harmonic  |
| 3    | 802.11a       | 93  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 3    | 802.11a       | 93  | 12830.00       | 48.46             | 88.20             | -39.74         | H    | Peak         | Pass   | Harmonic  |
| 4    | 802.11a       | 97  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 4    | 802.11a       | 97  | 12870.00       | 47.53             | 88.20             | -40.67         | H    | Peak         | Pass   | Harmonic  |
| 5    | 802.11a       | 105 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 5    | 802.11a       | 105 | 12950.00       | 47.78             | 88.20             | -40.42         | H    | Peak         | Pass   | Harmonic  |
| 6    | 802.11a       | 113 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 6    | 802.11a       | 113 | 13030.00       | 47.59             | 88.20             | -40.61         | V    | Peak         | Pass   | Harmonic  |
| 7    | 802.11a       | 117 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 7    | 802.11a       | 117 | 13070.00       | 47.63             | 88.20             | -40.57         | V    | Peak         | Pass   | Harmonic  |
| 8    | 802.11a       | 149 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 8    | 802.11a       | 149 | 13390.00       | 48.36             | 74.00             | -25.64         | V    | Peak         | Pass   | Harmonic  |
| 9    | 802.11a       | 181 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 9    | 802.11a       | 181 | 13710.00       | 48.50             | 88.20             | -39.70         | H    | Peak         | Pass   | Harmonic  |
| 10   | 802.11a       | 189 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 10   | 802.11a       | 189 | 13790.00       | 49.83             | 88.20             | -38.37         | H    | Peak         | Pass   | Harmonic  |
| 11   | 802.11a       | 209 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 11   | 802.11a       | 209 | 13990.00       | 49.97             | 88.20             | -38.23         | V    | Peak         | Pass   | Harmonic  |
| 12   | 802.11a       | 229 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 12   | 802.11a       | 229 | 14190.00       | 49.94             | 88.20             | -38.26         | H    | Peak         | Pass   | Harmonic  |
| 13   | 802.11ax HE20 | 1   | 5924.82        | 59.58             | 68.20             | -8.62          | H    | AVERAGE      | Pass   | Band Edge |
| 13   | 802.11ax HE20 | 1   | 17865.00       | 50.37             | 74.00             | -23.63         | V    | Peak         | Pass   | Harmonic  |
| 14   | 802.11ax HE20 | 45  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 14   | 802.11ax HE20 | 45  | 12350.00       | 48.69             | 74.00             | -25.31         | V    | Peak         | Pass   | Harmonic  |
| 15   | 802.11ax HE20 | 93  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 15   | 802.11ax HE20 | 93  | 12830.00       | 49.25             | 88.20             | -38.95         | V    | Peak         | Pass   | Harmonic  |
| 16   | 802.11ax HE20 | 97  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 16   | 802.11ax HE20 | 97  | 12690          | 49.16             | 74                | -24.84         | V    | Peak         | Pass   | Harmonic  |
| 17   | 802.11ax HE20 | 105 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 17   | 802.11ax HE20 | 105 | 12950.00       | 49.53             | 88.20             | -38.67         | V    | Peak         | Pass   | Harmonic  |
| 18   | 802.11ax HE20 | 113 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 18   | 802.11ax HE20 | 113 | 13030.00       | 49.25             | 88.20             | -38.95         | V    | Peak         | Pass   | Harmonic  |
| 19   | 802.11ax HE20 | 117 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 19   | 802.11ax HE20 | 117 | 13070.00       | 48.09             | 88.20             | -40.11         | V    | Peak         | Pass   | Harmonic  |
| 20   | 802.11ax HE20 | 149 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 20   | 802.11ax HE20 | 149 | 13390.00       | 49.01             | 74.00             | -24.99         | V    | Peak         | Pass   | Harmonic  |
| 21   | 802.11ax HE20 | 181 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 21   | 802.11ax HE20 | 181 | 13710.00       | 50.55             | 88.20             | -37.65         | V    | Peak         | Pass   | Harmonic  |
| 22   | 802.11ax HE20 | 189 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 22   | 802.11ax HE20 | 189 | 13790.00       | 49.55             | 88.20             | -38.65         | V    | Peak         | Pass   | Harmonic  |



| Mode | Modulation     | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | Remark    |
|------|----------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|-----------|
| 23   | 802.11ax HE20  | 209 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 23   | 802.11ax HE20  | 209 | 13990.00       | 50.47             | 88.20             | -37.73         | H    | Peak         | Pass   | Harmonic  |
| 24   | 802.11ax HE20  | 229 | 7125.28        | 61.10             | 68.20             | -7.10          | V    | AVERAGE      | Pass   | Band Edge |
| 24   | 802.11ax HE20  | 229 | 14190.00       | 49.07             | 88.20             | -39.13         | V    | Peak         | Pass   | Harmonic  |
| 25   | 802.11ax HE40  | 3   | 5925.00        | 58.44             | 68.20             | -9.76          | H    | AVERAGE      | Pass   | Band Edge |
| 25   | 802.11ax HE40  | 3   | 17895.00       | 50.41             | 74.00             | -23.59         | H    | Peak         | Pass   | Harmonic  |
| 26   | 802.11ax HE40  | 43  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 26   | 802.11ax HE40  | 43  | 12330.00       | 48.52             | 74.00             | -25.48         | V    | Peak         | Pass   | Harmonic  |
| 27   | 802.11ax HE40  | 91  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 27   | 802.11ax HE40  | 91  | 12810.00       | 49.69             | 88.20             | -38.51         | H    | Peak         | Pass   | Harmonic  |
| 28   | 802.11ax HE40  | 99  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 28   | 802.11ax HE40  | 99  | 12890.00       | 49.68             | 88.20             | -38.52         | H    | Peak         | Pass   | Harmonic  |
| 29   | 802.11ax HE40  | 107 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 29   | 802.11ax HE40  | 107 | 12970.00       | 48.80             | 88.20             | -39.40         | H    | Peak         | Pass   | Harmonic  |
| 30   | 802.11ax HE40  | 123 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 30   | 802.11ax HE40  | 123 | 13130.00       | 48.27             | 88.20             | -39.93         | V    | Peak         | Pass   | Harmonic  |
| 31   | 802.11ax HE40  | 147 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 31   | 802.11ax HE40  | 147 | 13370.00       | 48.58             | 74.00             | -25.42         | V    | Peak         | Pass   | Harmonic  |
| 32   | 802.11ax HE40  | 179 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 32   | 802.11ax HE40  | 179 | 13690.00       | 49.87             | 88.20             | -38.33         | H    | Peak         | Pass   | Harmonic  |
| 33   | 802.11ax HE40  | 195 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 33   | 802.11ax HE40  | 195 | 13850.00       | 50.19             | 88.20             | -38.01         | V    | Peak         | Pass   | Harmonic  |
| 34   | 802.11ax HE40  | 203 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 34   | 802.11ax HE40  | 203 | 13930.00       | 49.81             | 88.20             | -38.39         | H    | Peak         | Pass   | Harmonic  |
| 35   | 802.11ax HE40  | 227 | 7251.11        | 48.91             | 54.00             | -5.09          | H    | AVERAGE      | Pass   | Band Edge |
| 35   | 802.11ax HE40  | 227 | 14170.00       | 50.60             | 88.20             | -37.60         | H    | Peak         | Pass   | Harmonic  |
| 36   | 802.11ax HE80  | 7   | 5923.24        | 61.23             | 68.20             | -6.97          | H    | AVERAGE      | Pass   | Band Edge |
| 36   | 802.11ax HE80  | 7   | 17955.00       | 50.85             | 74.00             | -23.15         | H    | Peak         | Pass   | Harmonic  |
| 37   | 802.11ax HE80  | 39  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 37   | 802.11ax HE80  | 39  | 12290.00       | 48.81             | 74.00             | -25.19         | H    | Peak         | Pass   | Harmonic  |
| 38   | 802.11ax HE80  | 87  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 38   | 802.11ax HE80  | 87  | 12770.00       | 49.12             | 88.20             | -39.08         | H    | Peak         | Pass   | Harmonic  |
| 39   | 802.11ax HE80  | 103 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 39   | 802.11ax HE80  | 103 | 12930.00       | 49.51             | 88.20             | -38.69         | H    | Peak         | Pass   | Harmonic  |
| 40   | 802.11ax HE80  | 135 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 40   | 802.11ax HE80  | 135 | 13250.00       | 49.50             | 74.00             | -24.50         | H    | Peak         | Pass   | Harmonic  |
| 41   | 802.11ax HE80  | 151 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 41   | 802.11ax HE80  | 151 | 13410.00       | 49.46             | 88.20             | -38.74         | V    | Peak         | Pass   | Harmonic  |
| 42   | 802.11ax HE80  | 167 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 42   | 802.11ax HE80  | 167 | 13570.00       | 50.41             | 88.20             | -37.79         | V    | Peak         | Pass   | Harmonic  |
| 43   | 802.11ax HE80  | 199 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 43   | 802.11ax HE80  | 199 | 13890.00       | 49.50             | 88.20             | -38.70         | H    | Peak         | Pass   | Harmonic  |
| 44   | 802.11ax HE80  | 215 | 7255.10        | 46.03             | 54.00             | -7.97          | H    | AVERAGE      | Pass   | Band Edge |
| 44   | 802.11ax HE80  | 215 | 14052          | 48.35             | 88.2              | -39.85         | H    | AVERAGE      | Pass   | Harmonic  |
| 45   | 802.11ax HE160 | 15  | 5917.96        | 58.91             | 68.20             | -9.29          | H    | AVERAGE      | Pass   | Band Edge |

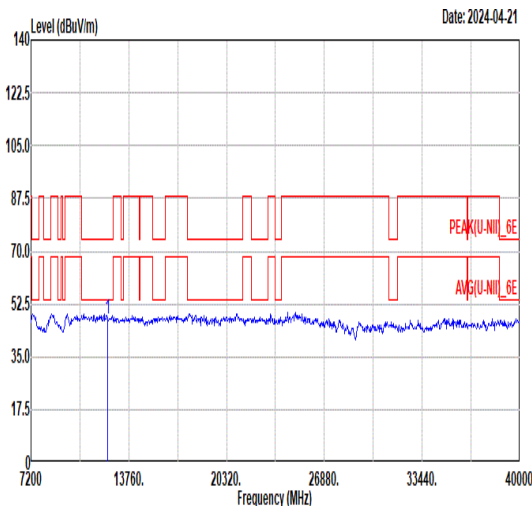
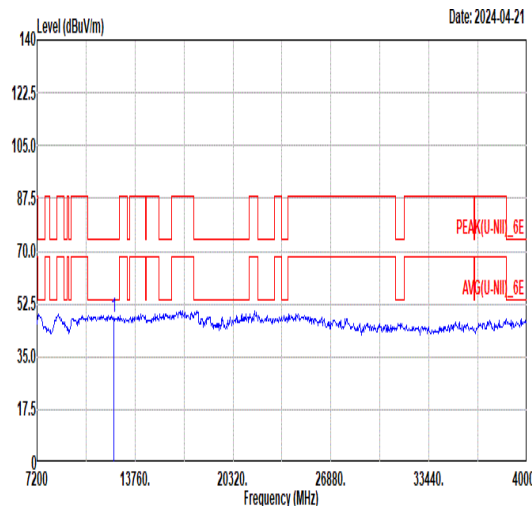


| Mode | Modulation     | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | Remark    |
|------|----------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|-----------|
| 45   | 802.11ax HE160 | 15  | 12048          | 47.78             | 74                | -26.22         | H    | Peak         | Pass   | Harmonic  |
| 46   | 802.11ax HE160 | 47  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 46   | 802.11ax HE160 | 47  | 12372          | 49.27             | 74                | -24.73         | H    | Peak         | Pass   | Harmonic  |
| 47   | 802.11ax HE160 | 79  | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 47   | 802.11ax HE160 | 79  | 12690.00       | 48.62             | 74.00             | -25.38         | H    | Peak         | Pass   | Harmonic  |
| 48   | 802.11ax HE160 | 143 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 48   | 802.11ax HE160 | 143 | 13332          | 47.65             | 74                | -26.35         | V    | Peak         | Pass   | Harmonic  |
| 49   | 802.11ax HE160 | 207 | 7251.88        | 44.49             | 54.00             | -9.51          | V    | AVERAGE      | Pass   | Band Edge |
| 49   | 802.11ax HE160 | 207 | 13968          | 47.38             | 88.2              | -40.82         | V    | Peak         | Pass   | Harmonic  |
| 50   | 802.11ax HE20  | 185 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 50   | 802.11ax HE20  | 185 | 13050.00       | 47.73             | 88.20             | -40.47         | H    | Peak         | Pass   | Harmonic  |
| 51   | 802.11ax HE40  | 187 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 51   | 802.11ax HE40  | 187 | 13770.00       | 47.61             | 88.20             | -40.59         | V    | Peak         | Pass   | Harmonic  |
| 52   | 802.11ax HE80  | 183 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 52   | 802.11ax HE80  | 183 | 13730.00       | 47.81             | 88.20             | -40.39         | H    | Peak         | Pass   | Harmonic  |
| 53   | 802.11ax HE160 | 175 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 53   | 802.11ax HE160 | 175 | 13650.00       | 47.70             | 88.20             | -40.50         | H    | Peak         | Pass   | Harmonic  |
| 54   | 802.11ax HE40  | 115 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 54   | 802.11ax HE40  | 115 | 13050.00       | 48.42             | 88.20             | -39.78         | H    | Peak         | Pass   | Harmonic  |
| 55   | 802.11ax HE80  | 119 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 55   | 802.11ax HE80  | 119 | 13090.00       | 47.41             | 88.20             | -40.79         | H    | Peak         | Pass   | Harmonic  |
| 56   | 802.11ax HE160 | 111 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 56   | 802.11ax HE160 | 111 | 13010.00       | 47.84             | 88.20             | -40.36         | V    | Peak         | Pass   | Harmonic  |
| 57   | 802.11ax HE20  | 1   | 5922.72        | 42.12             | 68.20             | -26.08         | H    | AVERAGE      | Pass   | Band Edge |
| 57   | 802.11ax HE20  | 1   | -              | -                 | -                 | -              | -    | -            | -      | Harmonic  |
| 58   | 802.11ax HE20  | 229 | 7273.46        | 44.42             | 54.00             | -9.58          | H    | AVERAGE      | Pass   | Band Edge |
| 58   | 802.11ax HE20  | 229 | -              | -                 | -                 | -              | -    | -            | -      | Harmonic  |
| 59   | 802.11a        | 185 | -              | -                 | -                 | -              | -    | -            | -      | Band Edge |
| 59   | 802.11a        | 185 | 13750          | 47.89             | 88.2              | -40.31         | V    | Peak         | Pass   | Harmonic  |
| 60   | 802.11ax HE40  | 227 | 67.83          | 32.47             | 40                | -7.53          | V    | Peak         | Pass   | LF        |
| 61   | CO_TX          |     | 7253.39        | 45.92             | 54.00             | -8.08          | H    | AVERAGE      | Pass   | Band Edge |
|      |                |     | 14170.00       | 50.40             | 88.20             | -37.80         | H    | Peak         | Pass   | Harmonic  |
| 62   | CO_TX          |     | 7283.88        | 45.49             | 54.00             | -8.51          | H    | AVERAGE      | Pass   | Band Edge |
|      |                |     | 14170.00       | 50.00             | 88.20             | -38.20         | H    | Peak         | Pass   | Harmonic  |
| 63   | 802.11ax HE40  | 227 | 7125.42        | 61.11             | 68.20             | -7.09          | H    | AVERAGE      | Pass   | Band Edge |
|      | 802.11ax HE40  | 227 | 14170.00       | 49.40             | 88.20             | -38.80         | H    | Peak         | Pass   | Harmonic  |

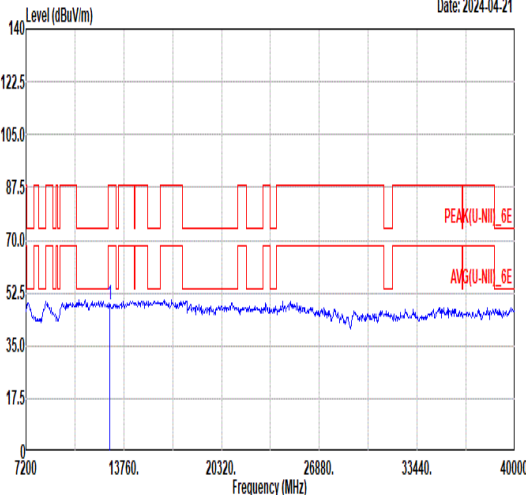
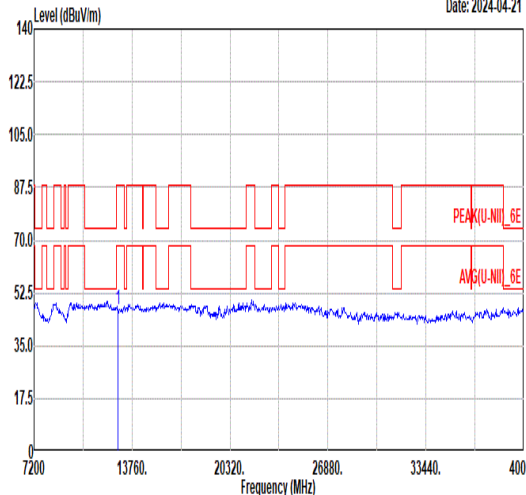


| Mode            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |        |                                                                                                                  |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|------------------------------------------------------------------------------------------------------------------|--------|------|-----|-------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------|------|-----|-------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |        |                                                                                                                  |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | U-NII-5_5.925-6.425_802.11a_CH1_5955MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |                                                                                                                  |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| ANT             | 8+7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |        |                                                                                                                  |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |        | Vertical                                                                                                         |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| Peak<br><br>Avg | <div><div>Level (dBuV/m)</div><div>Date: 2024-04-21</div><div>PEAK(U-NII_6E)</div><div>AVG(U-NII_6E)</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |        | <div><div>Level (dBuV/m)</div><div>Date: 2024-04-21</div><div>PEAK(U-NII_6E)</div><div>AVG(U-NII_6E)</div></div> |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>11910.00</td><td>48.06</td><td>74.00</td><td>-25.94</td><td>43.29</td><td>40.13</td><td>15.09</td><td>50.45</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>17865.00</td><td>48.16</td><td>74.00</td><td>-25.84</td><td>40.25</td><td>42.52</td><td>17.74</td><td>52.35</td><td>--</td><td>--</td><td>Peak</td></tr></table> |        |        |        |        |        |                                                                                                                  | Limit  | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 11910.00 | 48.06 | 74.00 | -25.94 | 43.29 | 40.13 | 15.09 | 50.45 | -- | -- | Peak | 2 | 17865.00 | 48.16 | 74.00 | -25.84 | 40.25 | 42.52 | 17.74 | 52.35 | -- | -- | Peak | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>11910.00</td><td>48.62</td><td>74.00</td><td>-25.38</td><td>43.85</td><td>40.13</td><td>15.09</td><td>50.45</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>17865.00</td><td>48.51</td><td>74.00</td><td>-25.49</td><td>40.60</td><td>42.52</td><td>17.74</td><td>52.35</td><td>--</td><td>--</td><td>Peak</td></tr></table> |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 11910.00 | 48.62 | 74.00 | -25.38 | 43.85 | 40.13 | 15.09 | 50.45 | -- | -- | Peak | 2 | 17865.00 | 48.51 | 74.00 | -25.49 | 40.60 | 42.52 | 17.74 | 52.35 | -- | -- | Peak |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit  | Read   | Ant    | Cable  | Preamp | APos                                                                                                             | TPos   |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line   | Margin | Level  | Factor | Loss   | Factor                                                                                                           | Remark |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                                               | dB     | cm   | deg |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| 1               | 11910.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48.06  | 74.00  | -25.94 | 43.29  | 40.13  | 15.09                                                                                                            | 50.45  | --   | --  | Peak  |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| 2               | 17865.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48.16  | 74.00  | -25.84 | 40.25  | 42.52  | 17.74                                                                                                            | 52.35  | --   | --  | Peak  |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read   | Ant    | Cable  | Preamp | APos   | TPos                                                                                                             |        |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line   | Margin | Level  | Factor | Loss   | Factor                                                                                                           | Remark |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                                               | dB     | cm   | deg |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| 1               | 11910.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48.62  | 74.00  | -25.38 | 43.85  | 40.13  | 15.09                                                                                                            | 50.45  | --   | --  | Peak  |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |
| 2               | 17865.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48.51  | 74.00  | -25.49 | 40.60  | 42.52  | 17.74                                                                                                            | 52.35  | --   | --  | Peak  |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |    |      |   |          |       |       |        |       |       |       |       |    |    |      |

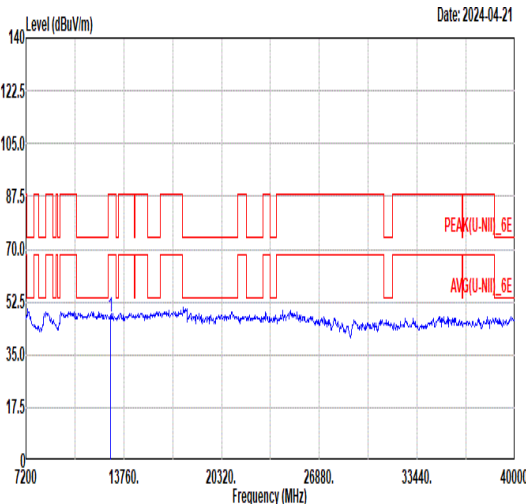
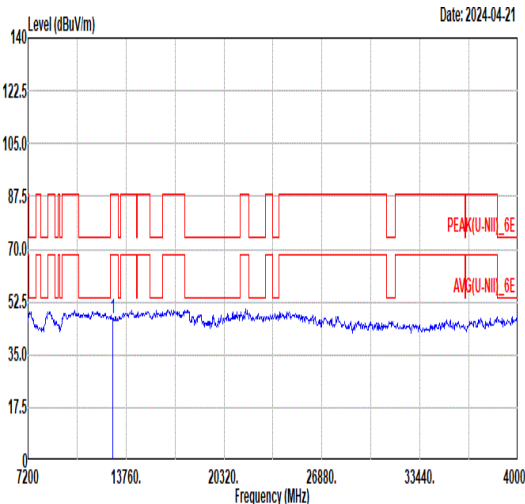


| Mode            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |       |        |       |                                                                                     |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|-------------------------------------------------------------------------------------|--------|--------|------|--------|--------|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|--|------------|-------|-------|--------|-------|-------|-------|-------|----|----|------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-------|--|------|--|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|--|------------|-------|-------|--------|-------|-------|-------|-------|----|----|------|--|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |       |        |       |                                                                                     |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
|                 | U-NII-5_5.925-6.425_802.11a_CH45_6175MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |       |        |       |                                                                                     |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| ANT             | 8+7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |        |       |                                                                                     |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |       |        |       | Vertical                                                                            |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |       |        |       |  |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
|                 | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 12350.00</td><td>47.56</td><td>74.00</td><td>-26.44</td><td>42.68</td><td>40.27</td><td>15.15</td><td>50.54</td><td>--</td><td>--</td><td>Peak</td><td></td></tr></table> |        |        |       |        |       |                                                                                     |        | Limit  |      | Read   |        | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 12350.00 | 47.56 | 74.00 | -26.44 | 42.68 | 40.27 | 15.15 | 50.54 | -- | -- | Peak |  | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 12350.00</td><td>47.99</td><td>74.00</td><td>-26.01</td><td>43.11</td><td>40.27</td><td>15.15</td><td>50.54</td><td>--</td><td>--</td><td>Peak</td><td></td></tr></table> |  |  |  |  |  |  |  | Limit |  | Read |  | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 12350.00 | 47.99 | 74.00 | -26.01 | 43.11 | 40.27 | 15.15 | 50.54 | -- | -- | Peak |  |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        | Limit  |       | Read   |       | Ant                                                                                 | Cable  | Preamp | APos | TPos   | Remark |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line   | Margin | Level | Factor | Loss  | Factor                                                                              |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dB     | dBuV  | dB/m   | dB    | dB                                                                                  | cm     | deg    |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| 1 12350.00      | 47.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 74.00  | -26.44 | 42.68 | 40.27  | 15.15 | 50.54                                                                               | --     | --     | Peak |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit  |        | Read  |        | Ant   | Cable                                                                               | Preamp | APos   | TPos | Remark |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line   | Margin | Level | Factor | Loss  | Factor                                                                              |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dB     | dBuV  | dB/m   | dB    | dB                                                                                  | cm     | deg    |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
| 1 12350.00      | 47.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 74.00  | -26.01 | 43.11 | 40.27  | 15.15 | 50.54                                                                               | --     | --     | Peak |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |       |        |       |                                                                                     |        |        |      |        |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |            |       |       |        |       |       |       |       |    |    |      |  |



| Mode            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|-----|-------|--------|------|------|--------|------|-------|-------------|--------------|-------------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|------------|-------|-------|--------|-------|-------|-------|-------|----|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|------|------|--------|------|-------|-------------|--------------|-------------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|------------|-------|-------|--------|-------|-------|-------|-------|----|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
|                 | U-NII-5_5.925-6.425_802.11a_CH93_6415MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| ANT             | 8+7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |       | Vertical                                                                                                                                                                                      |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| Peak<br><br>Avg | <div><div>Level (dBuV/m)</div><div>Date: 2024-04-21</div><div>PEAK(U-NII_6E)<br/>AVG(U-NII_6E)</div></div>                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |             |       | <div><div>Level (dBuV/m)</div><div>Date: 2024-04-21</div><div>PEAK(U-NII_6E)<br/>AVG(U-NII_6E)</div></div> |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
|                 | <table><tr><th colspan="2"></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 12830.00</td><td>48.46</td><td>88.20</td><td>-39.74</td><td>43.74</td><td>40.43</td><td>15.16</td><td>50.87</td><td>--</td><td>-- Peak</td></tr></table> |             |              |             |       |                                                                                                                                                                                               |       | Limit | Read    | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 12830.00 | 48.46 | 88.20 | -39.74 | 43.74 | 40.43 | 15.16 | 50.87 | -- | -- Peak | <table><tr><th colspan="2"></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 12830.00</td><td>46.90</td><td>88.20</td><td>-41.30</td><td>42.18</td><td>40.43</td><td>15.16</td><td>50.87</td><td>--</td><td>-- Peak</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 12830.00 | 46.90 | 88.20 | -41.30 | 42.18 | 40.43 | 15.16 | 50.87 | -- |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit       | Read         | Ant         | Cable | Preamp                                                                                                                                                                                        | APos  | TPos  | Remark  |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin | Level Factor | Loss Factor |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      | dB           | dBuV        | dB/m  | dB                                                                                                                                                                                            | dB    | cm    | deg     |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| 1 12830.00      | 48.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 88.20       | -39.74       | 43.74       | 40.43 | 15.16                                                                                                                                                                                         | 50.87 | --    | -- Peak |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit       | Read         | Ant         | Cable | Preamp                                                                                                                                                                                        | APos  | TPos  | Remark  |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin | Level Factor | Loss Factor |       |                                                                                                                                                                                               |       |       |         |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      | dB           | dBuV        | dB/m  | dB                                                                                                                                                                                            | dB    | cm    | deg     |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |
| 1 12830.00      | 46.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 88.20       | -41.30       | 42.18       | 40.43 | 15.16                                                                                                                                                                                         | 50.87 | --    | -- Peak |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |      |      |        |      |       |             |              |             |  |  |  |  |     |        |        |    |      |      |    |    |    |     |            |       |       |        |       |       |       |       |    |



| Mode            | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |                                                                                     |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|--------|--------|------|--------|--------|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|--|------|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|----|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |                                                                                     |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | U-NII-5_5.925-6.425_802.11a_CH97_6435MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |                                                                                     |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| ANT             | 8+7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |        |                                                                                     |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |        | Vertical                                                                            |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |  |        |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
|                 | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>12870.00</td><td>47.53</td><td>88.20</td><td>-40.67</td><td>42.81</td><td>40.45</td><td>15.17</td><td>50.90</td><td>--</td><td>--</td><td>Peak</td></tr></table> |        |        |        |        |                                                                                     |        | Limit  |      | Read   | Ant    | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 12870.00 | 47.53 | 88.20 | -40.67 | 42.81 | 40.45 | 15.17 | 50.90 | -- | -- | Peak | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>12870.00</td><td>46.89</td><td>88.20</td><td>-41.31</td><td>42.17</td><td>40.45</td><td>15.17</td><td>50.90</td><td>--</td><td>--</td><td>Peak</td></tr></table> |  |  |  |  |  |  | Limit |  | Read | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 12870.00 | 46.89 | 88.20 | -41.31 | 42.17 | 40.45 | 15.17 | 50.90 | -- | -- | Peak |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | Limit  |        | Read   | Ant                                                                                 | Cable  | Preamp | APos | TPos   | Remark |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line   | Margin | Level  | Factor | Loss                                                                                | Factor |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                  | dB     | cm     | deg  |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| 1               | 12870.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 47.53  | 88.20  | -40.67 | 42.81  | 40.45                                                                               | 15.17  | 50.90  | --   | --     | Peak   |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limit  |        | Read   | Ant    | Cable                                                                               | Preamp | APos   | TPos | Remark |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line   | Margin | Level  | Factor | Loss                                                                                | Factor |        |      |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                  | dB     | cm     | deg  |        |        |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |
| 1               | 12870.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46.89  | 88.20  | -41.31 | 42.17  | 40.45                                                                               | 15.17  | 50.90  | --   | --     | Peak   |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |    |    |      |