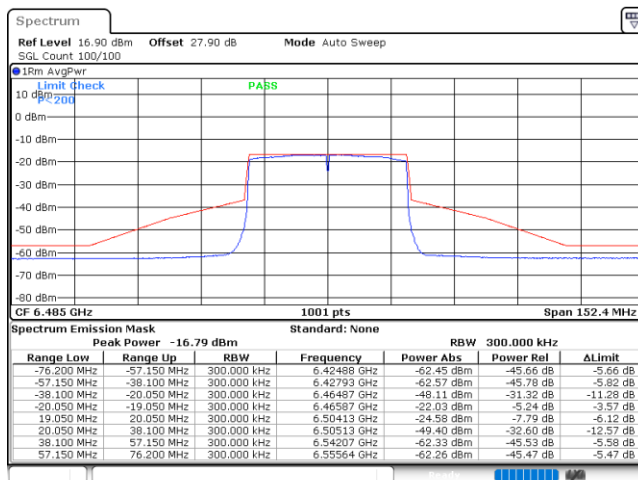


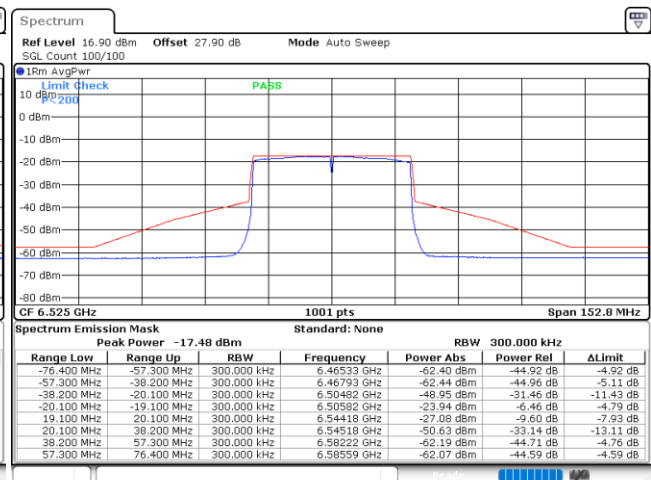


Plot on Channel 6485MHz



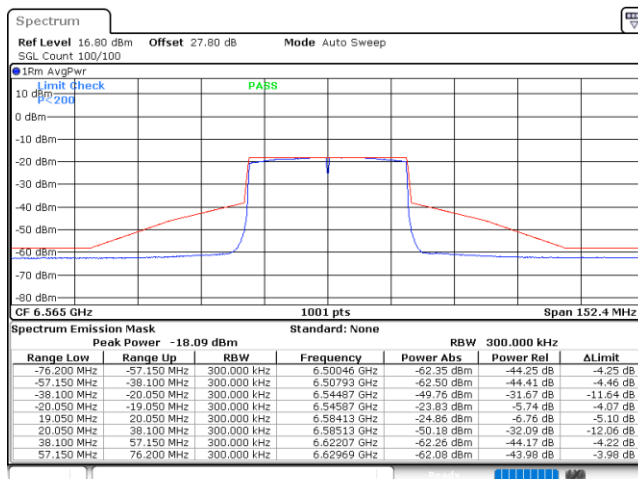
Date: 18.FEB.2022 10:25:34

Plot on Channel 6525MHz



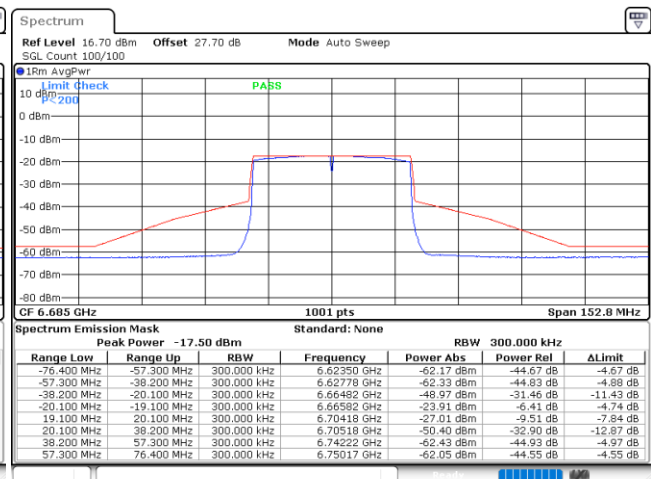
Date: 18.FEB.2022 10:26:56

Plot on Channel 6565MHz



Date: 18.FEB.2022 10:28:13

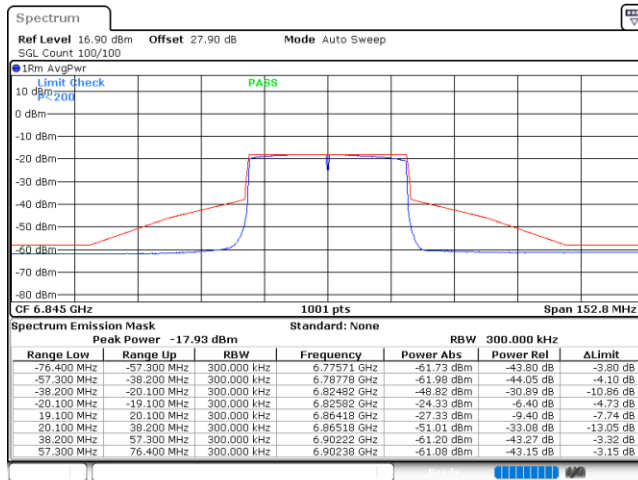
Plot on Channel 6685MHz



Date: 18.FEB.2022 10:30:15

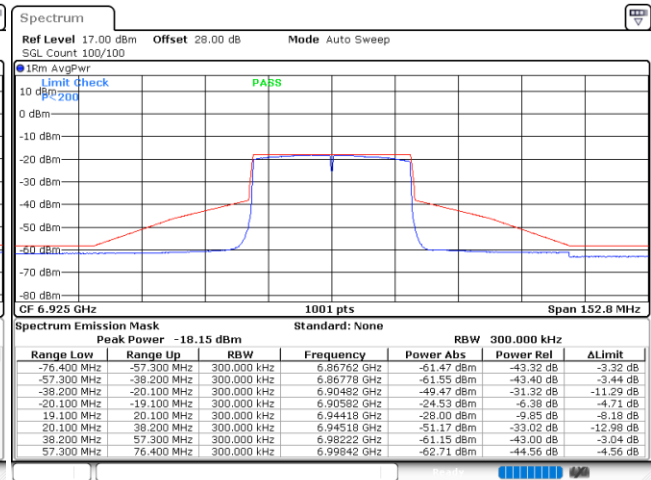


## Plot on Channel 6845MHz



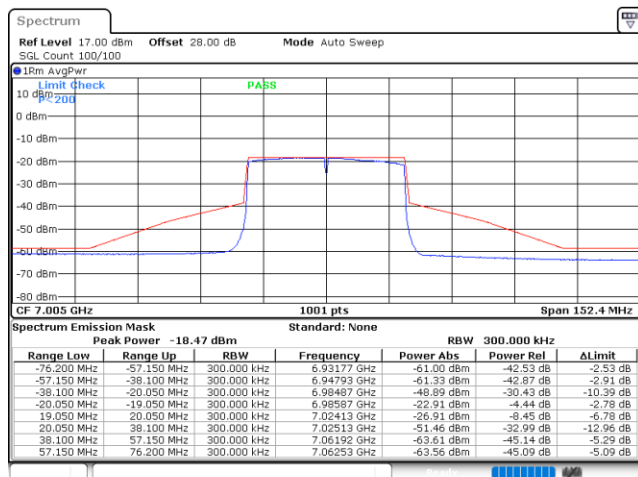
Date: 18.FEB.2022 10:32:04

## Plot on Channel 6925MHz



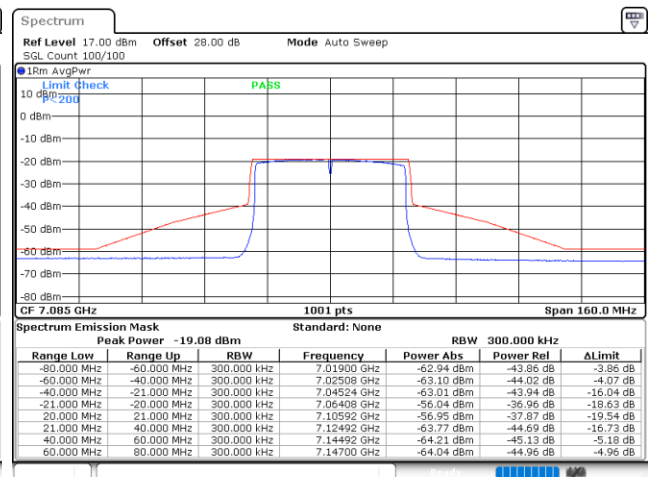
Date: 18.FEB.2022 10:33:38

## Plot on Channel 7005MHz



Date: 18.FEB.2022 10:35:01

## Plot on Channel 7085MHz

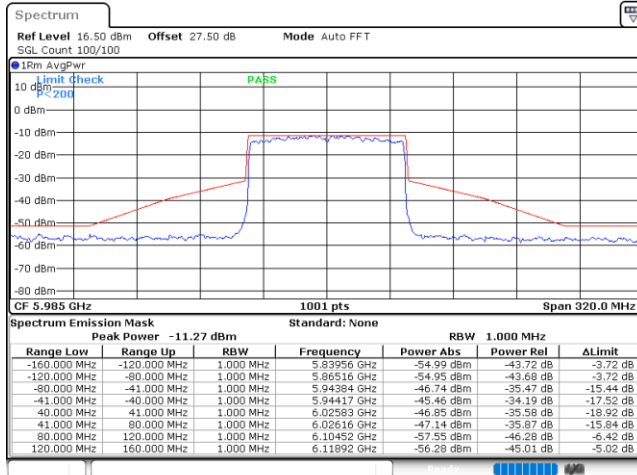


Date: 18.FEB.2022 10:39:51



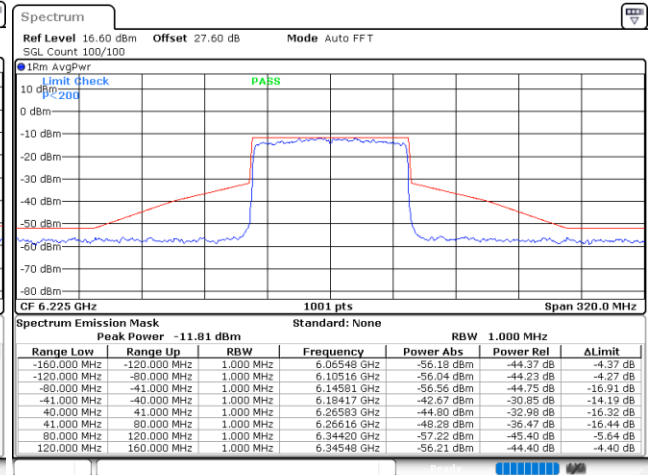
EUT Mode : 802.11ax HE80

Plot on Channel 5985MHz



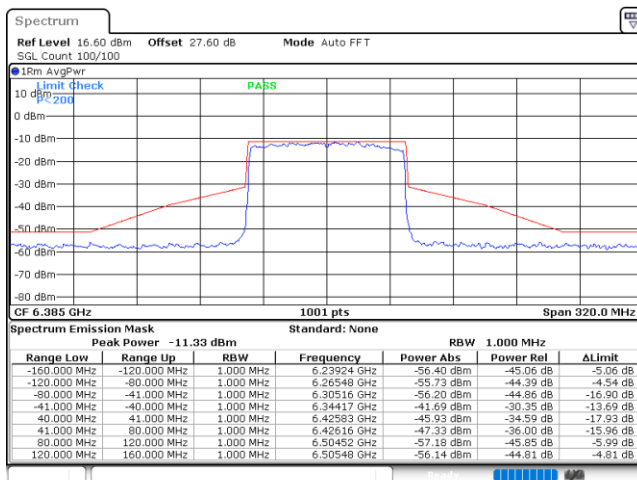
Date: 18.FEB.2022 10:45:57

Plot on Channel 6225MHz



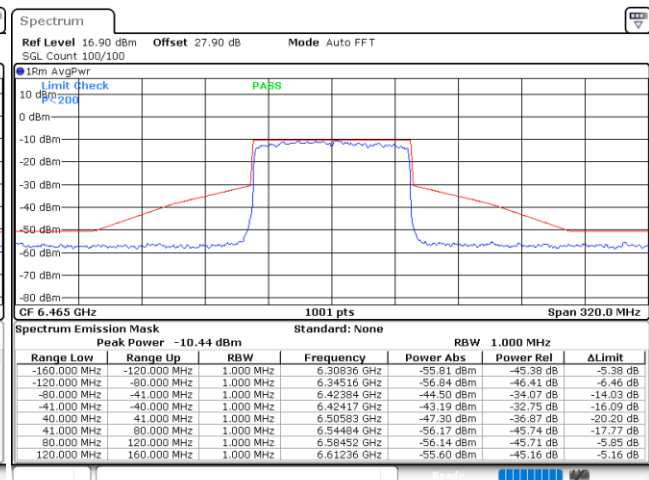
Date: 18.FEB.2022 10:48:28

Plot on Channel 6385MHz



Date: 18.FEB.2022 10:50:17

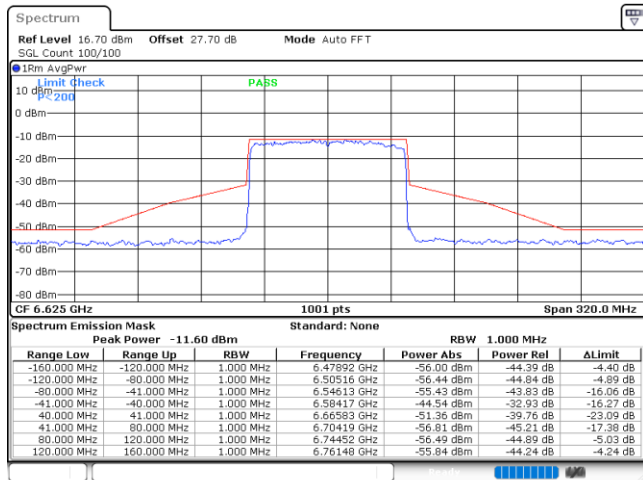
Plot on Channel 6465MHz



Date: 18.FEB.2022 10:52:11

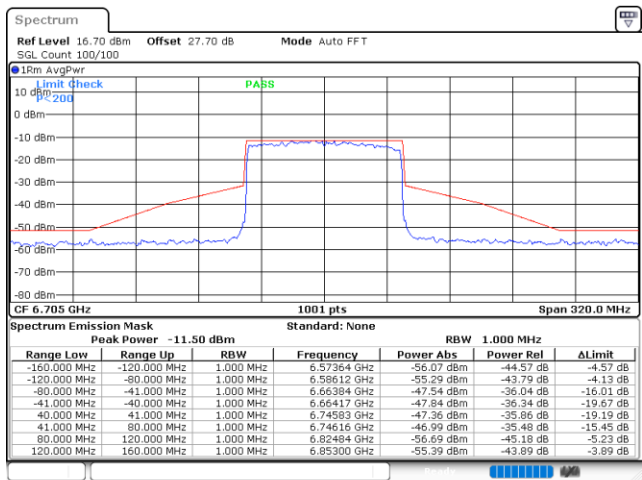


## Plot on Channel 6625MHz



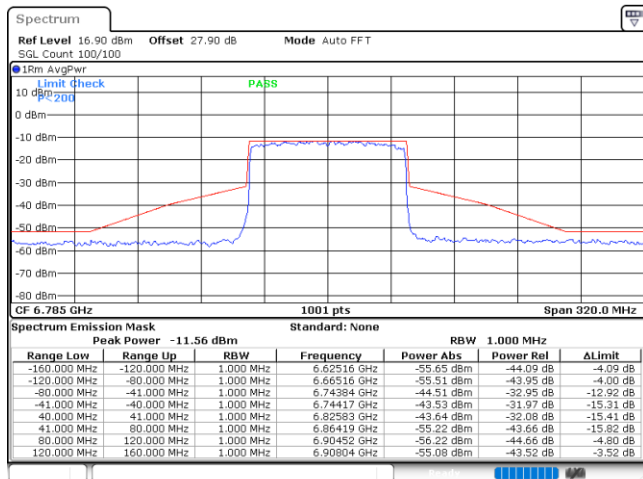
Date: 18.FEB.2022 10:53:53

## Plot on Channel 6705MHz



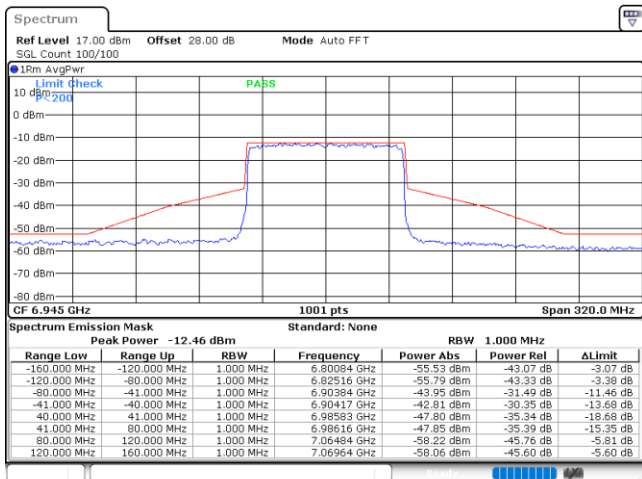
Date: 18.FEB.2022 10:55:12

## Plot on Channel 6785MHz



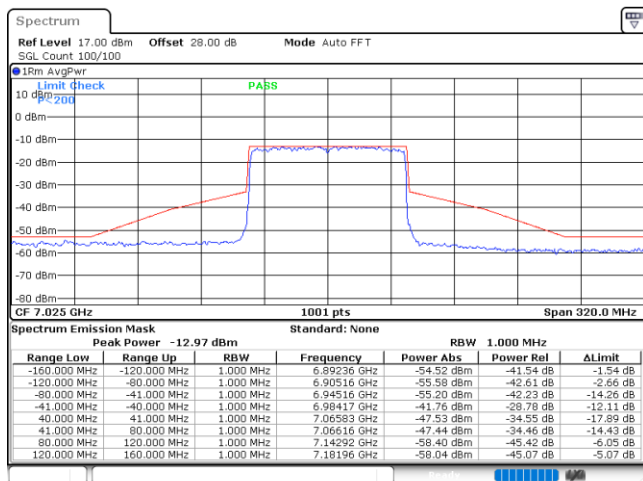
Date: 18.FEB.2022 10:56:34

## Plot on Channel 6945MHz



Date: 18.FEB.2022 10:59:16

## Plot on Channel 7025MHz

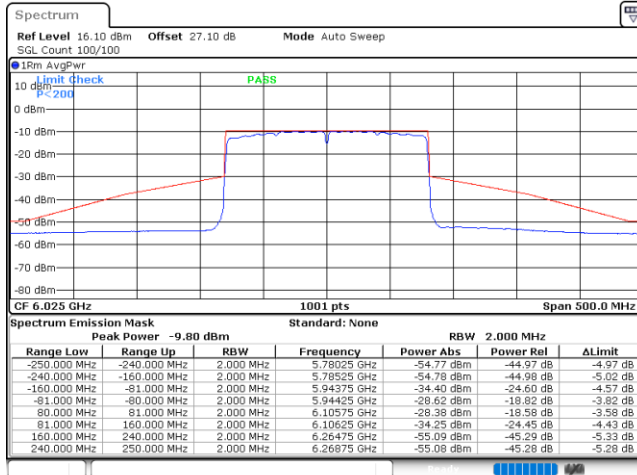


Date: 18.FEB.2022 11:01:01



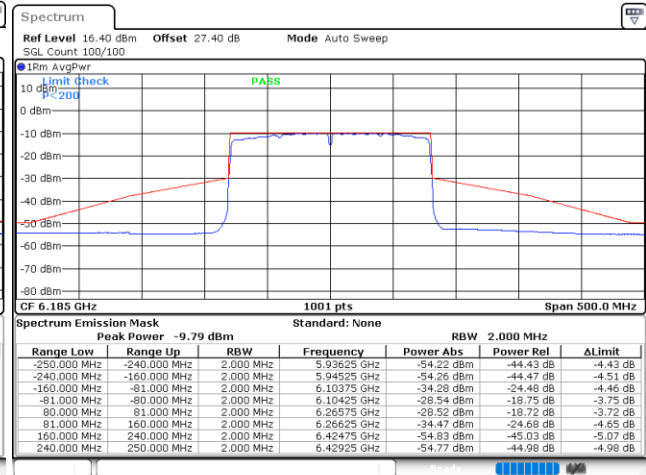
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



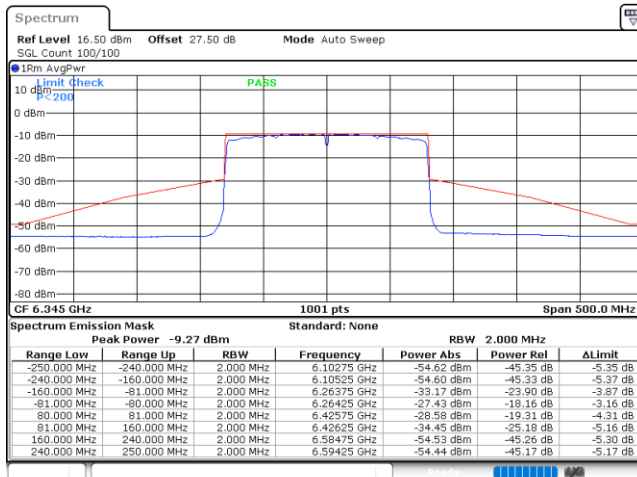
Date: 18.FEB.2022 10:26:20

Plot on Channel 6185MHz



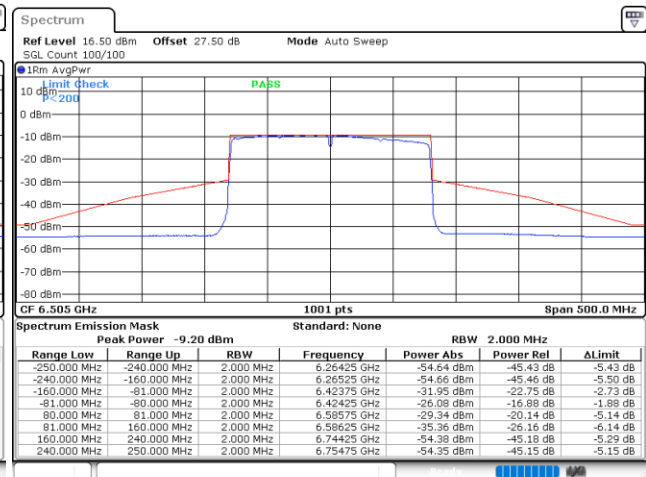
Date: 18.FEB.2022 10:34:50

Plot on Channel 6345MHz



Date: 18.FEB.2022 10:50:24

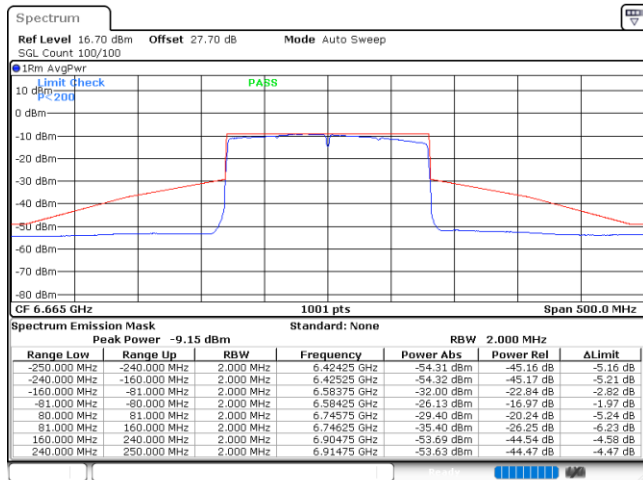
Plot on Channel 6505MHz



Date: 18.FEB.2022 10:53:09

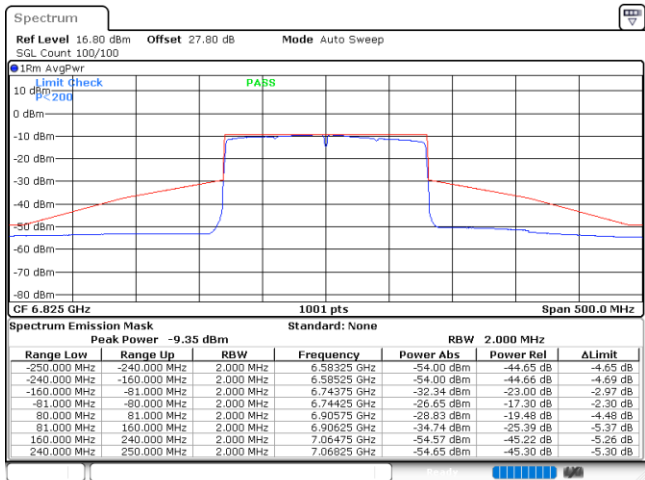


## Plot on Channel 6665MHz



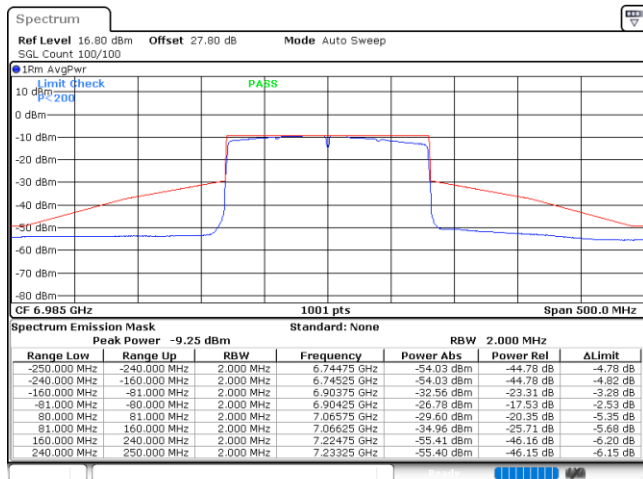
Date: 18.FEB.2022 10:59:15

## Plot on Channel 6825MHz



Date: 18.FEB.2022 11:01:21

## Plot on Channel 6985MHz



Date: 18.FEB.2022 11:08:28

### 3.5 Contention Based Protocol

#### 3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

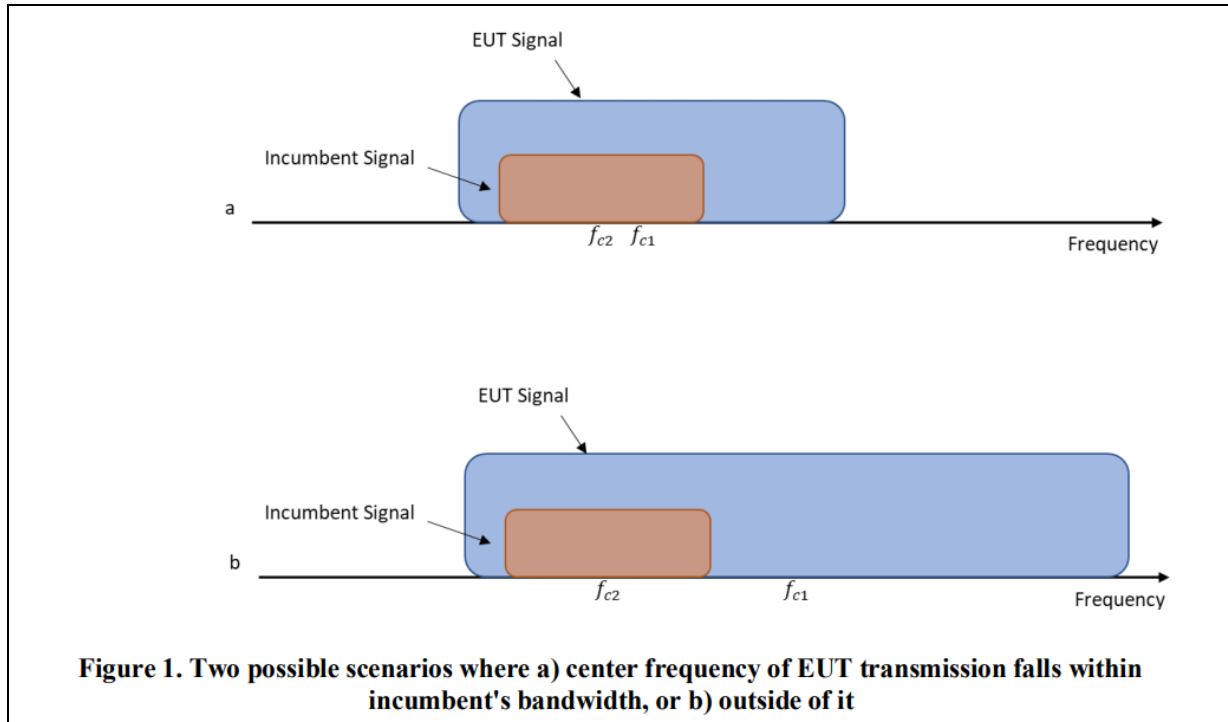
where:

$BW_{EUT}$ : 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

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

### 3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.

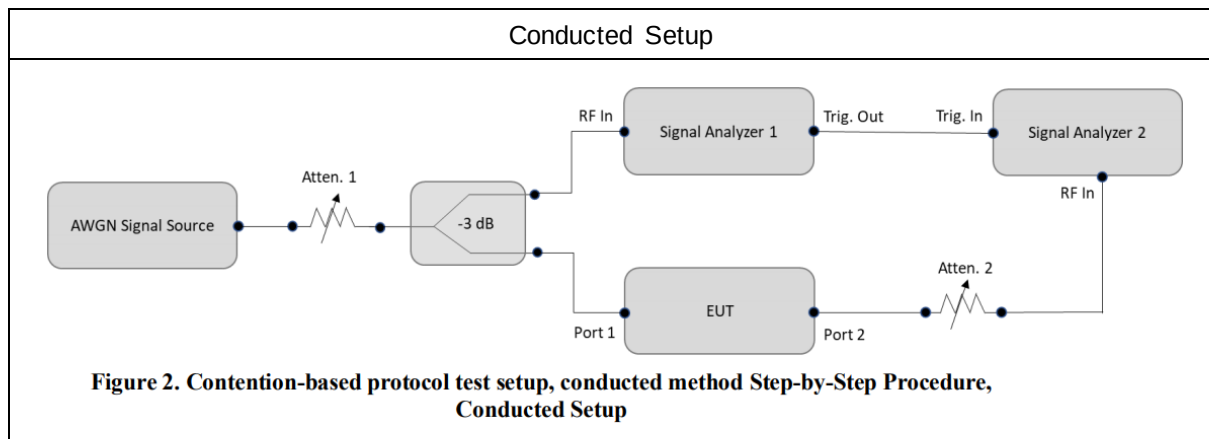
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

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

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

### 3.5.4 Test Setup



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

| Instrument | Brand Name | Model No. | Characteristics |
|------------|------------|-----------|-----------------|
| WLAN AP    | Netgear    | MR6500    | Dual Band AP    |
| Notebook   | Acer       | N15C1     | LAN             |

### 3.5.6 Test Summary of Contention Based Protocol Test

|                        |             |                            |         |
|------------------------|-------------|----------------------------|---------|
| <b>Test Engineer :</b> | Amber Cheng | <b>Temperature :</b>       | 24~26°C |
|                        |             | <b>Relative Humidity :</b> | 45~50%  |

| Band           | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Measured Detection level (dBm) | Detection Rate (%) | Regulated Threshold level (dBm) | Margin (dB) |
|----------------|---------------------|------------------|-----------------------|--------------------------------|--------------------|---------------------------------|-------------|
| UNII<br>Band 5 | 6135                | 20               | 6135                  | -67.54                         | 100                | -58.72                          | 8.82        |
|                | 6185                | 160              | 6110                  | -62.43                         | 100                | -58.72                          | 3.71        |
|                |                     |                  | 6185                  | -62.15                         | 100                | -58.72                          | 3.43        |
|                |                     |                  | 6260                  | -62.7                          | 100                | -58.72                          | 3.98        |
| UNII<br>Band 6 | 6455                | 20               | 6455                  | -66.9                          | 100                | -59.46                          | 7.44        |
|                | 6505                | 160              | 6430                  | -63.84                         | 100                | -59.46                          | 4.38        |
|                |                     |                  | 6505                  | -59.69                         | 100                | -59.46                          | 0.23        |
|                |                     |                  | 6580                  | -62.19                         | 100                | -59.46                          | 2.73        |
| UNII<br>Band 7 | 6695                | 20               | 6695                  | -67.61                         | 100                | -58.58                          | 9.03        |
|                | 6665                | 160              | 6590                  | -64.02                         | 100                | -58.58                          | 5.44        |
|                |                     |                  | 6665                  | -59                            | 100                | -58.58                          | 0.42        |
|                |                     |                  | 6740                  | -63.15                         | 100                | -58.58                          | 4.57        |
| UNII<br>Band 8 | 7015                | 20               | 7015                  | -69.11                         | 100                | -58.58                          | 10.53       |
|                | 6985                | 160              | 6910                  | -63.04                         | 100                | -58.58                          | 4.46        |
|                |                     |                  | 6985                  | -58.81                         | 100                | -58.58                          | 0.23        |
|                |                     |                  | 7060                  | -63.67                         | 100                | -58.58                          | 5.09        |

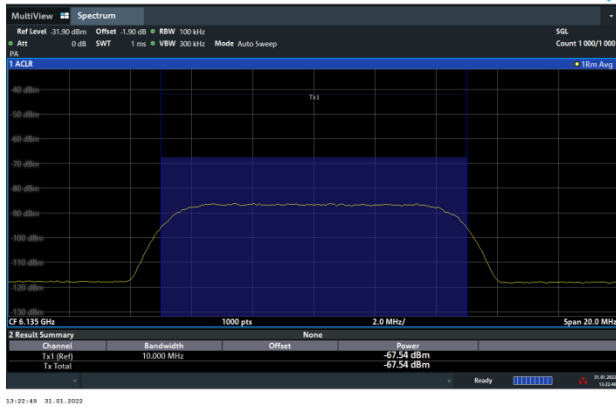
**Note:** Threshold Level (TL) = -62dBm + minimum antenna gain

### 3.5.7 Test Plots of Contention Based Protocol Test

#### Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

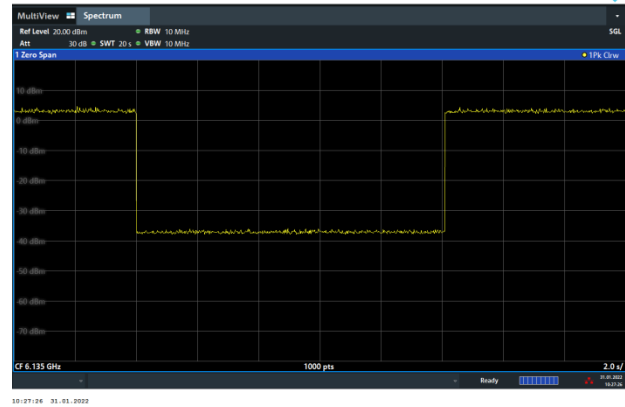
802.11ax (HE20) / 6135MHz

Threshold Level (TL) = -67.54dBm



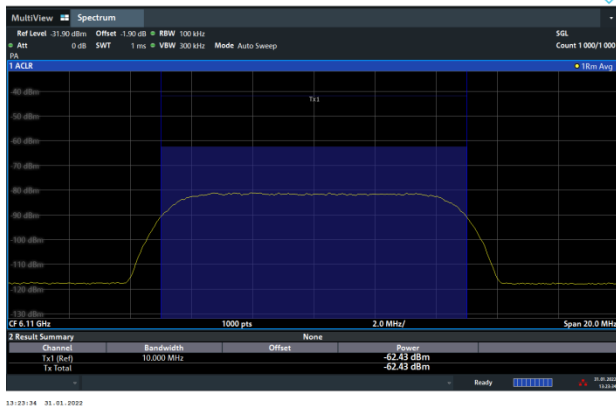
802.11ax (HE20) / CH37

Test result is pass due to no transmission occur.



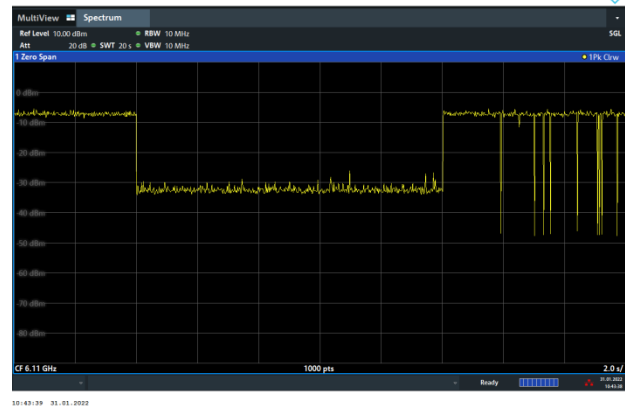
802.11ax (HE160) / 6110MHz (Lower edge)

Threshold Level (TL) = -62.43dBm



802.11ax (HE160) / CH47 (Lower edge)

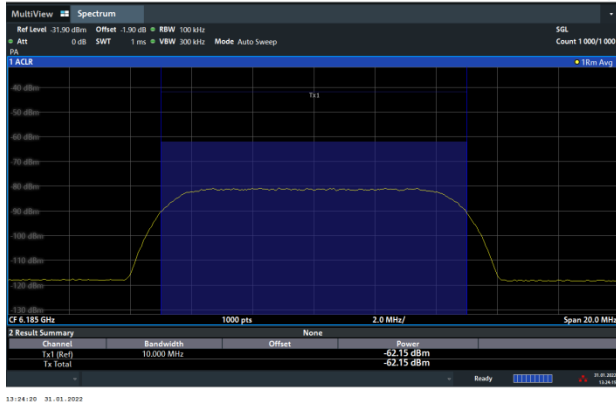
Test result is pass due to no transmission occur.





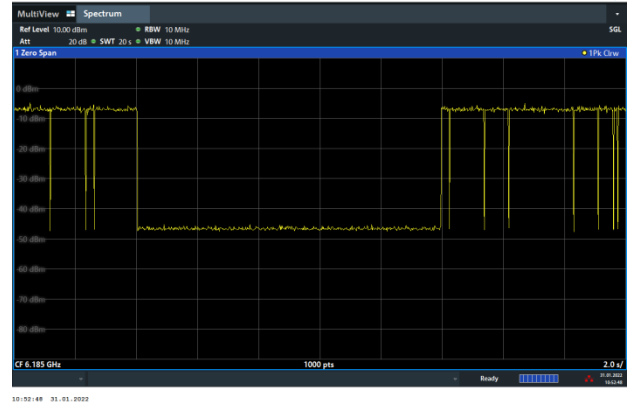
802.11ax (HE160) / 6185MHz (Middle)

Threshold Level (TL) = -62.15dBm



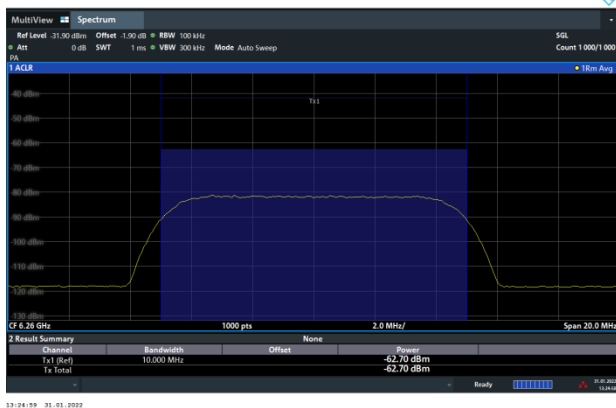
802.11ax (HE160) / CH47 (Middle)

Test result is pass due to no transmission occur.



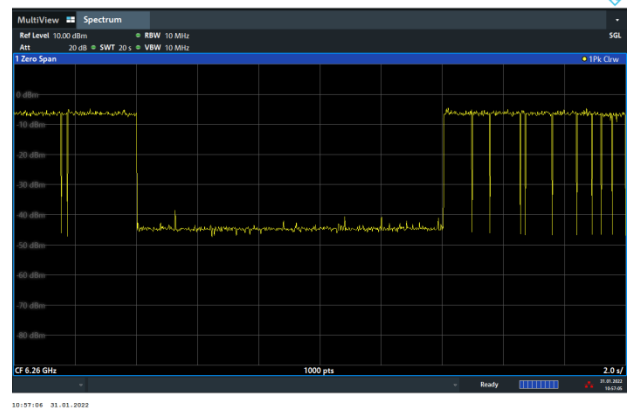
802.11ax (HE160) / 6260MHz (Upper edge)

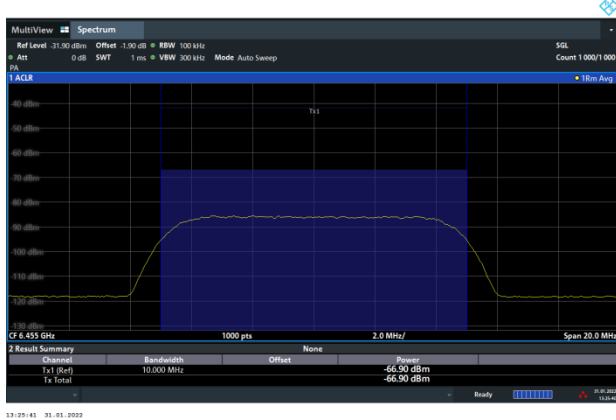
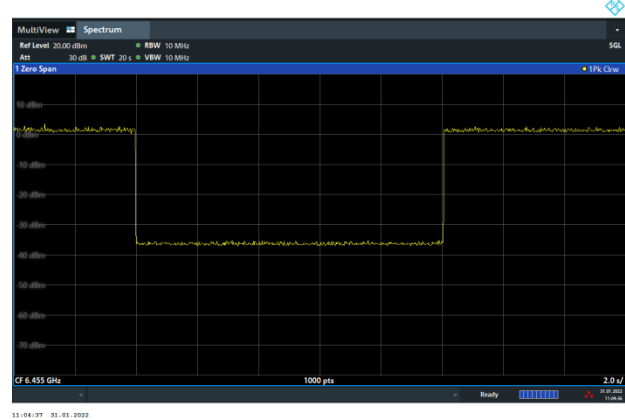
Threshold Level (TL) = -62.70dBm

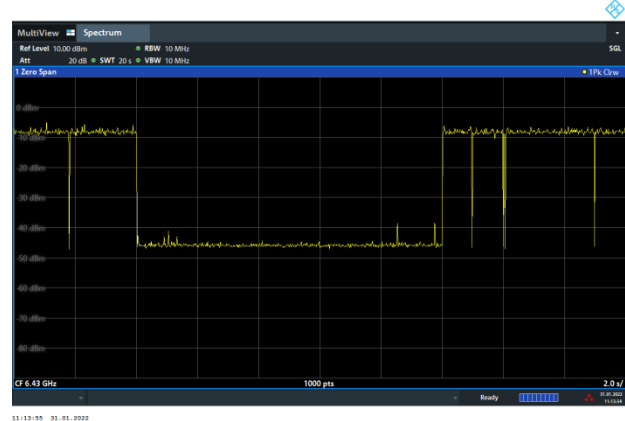


802.11ax (HE160) / CH47 (Upper edge)

Test result is pass due to no transmission occur.



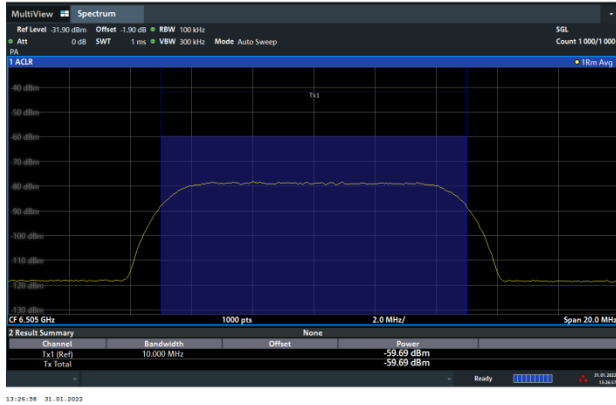
**Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)**
**802.11ax (HE20) / 6455MHz**
**Threshold Level (TL) = -66.90dBm**

**802.11ax (HE20) / CH101**
**Test result is pass due to no transmission occur.**

**802.11ax (HE160) / 6430MHz (Lower edge)**
**Threshold Level (TL) = -63.84dBm**

**802.11ax (HE160) / CH111 (Lower edge)**
**Test result is pass due to no transmission occur.**




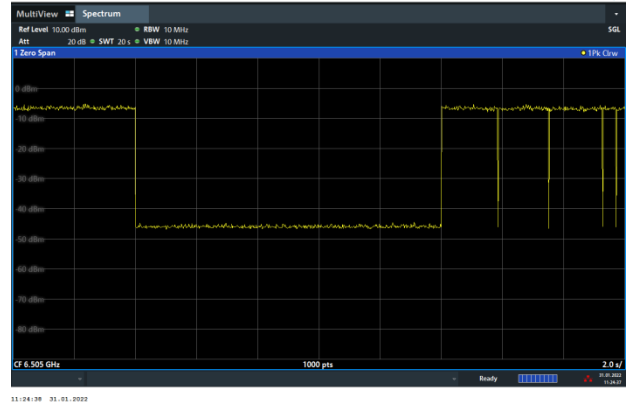
802.11ax (HE160) / 6505MHz (Middle)

Threshold Level (TL) = -59.69dBm



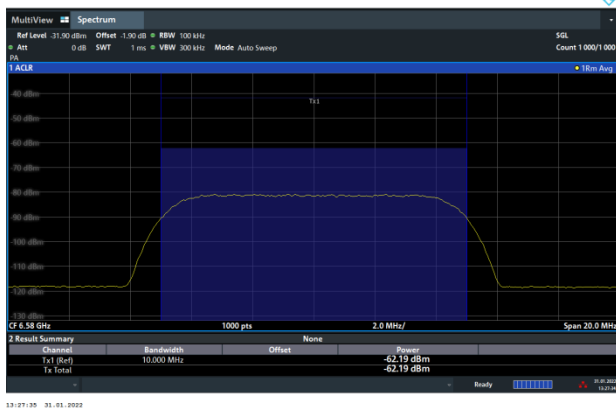
802.11ax (HE160) / CH111 (Middle)

Test result is pass due to no transmission occur.



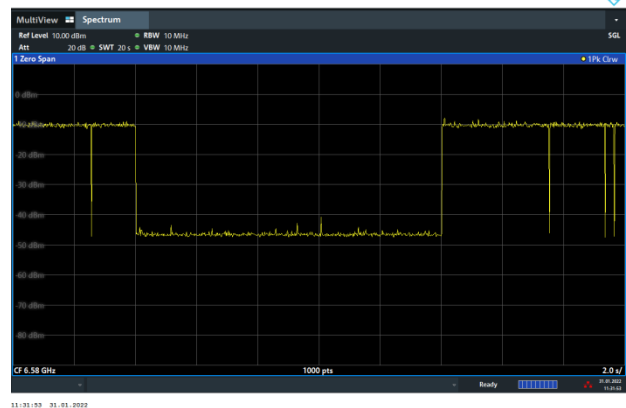
802.11ax (HE160) / 6580MHz (Upper edge)

Threshold Level (TL) = -62.19dBm



802.11ax (HE160) / CH111 (Upper edge)

Test result is pass due to no transmission occur.



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

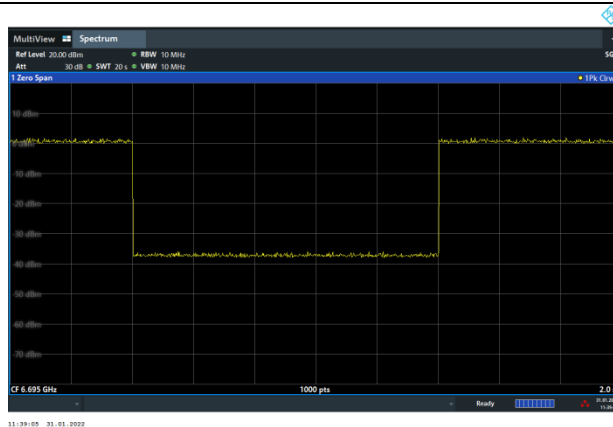
802.11ax (HE20) / 6695MHz

Threshold Level (TL) = -67.61dBm



802.11ax (HE20) / CH149

Test result is pass due to no transmission occur.



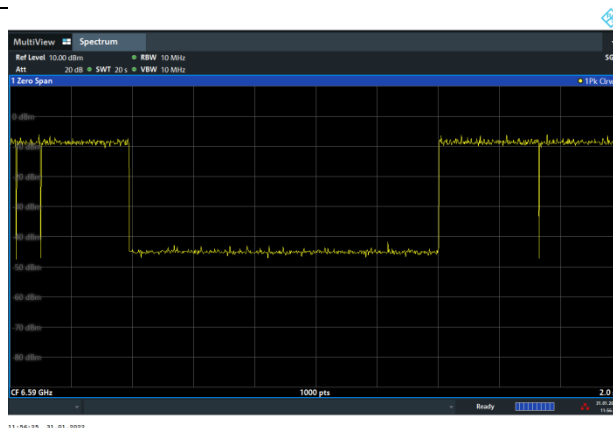
802.11ax (HE160) / 6590MHz (Lower edge)

Threshold Level (TL) = -64.02dBm



802.11ax (HE160) / CH143 (Lower edge)

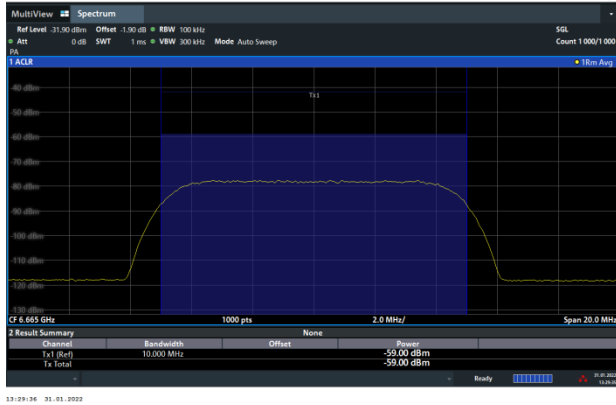
Test result is pass due to no transmission occur.





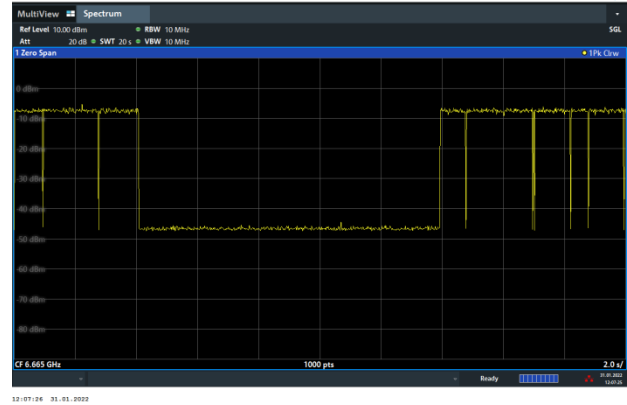
802.11ax (HE160) / 6665MHz (Middle)

Threshold Level (TL) = -59.0dBm



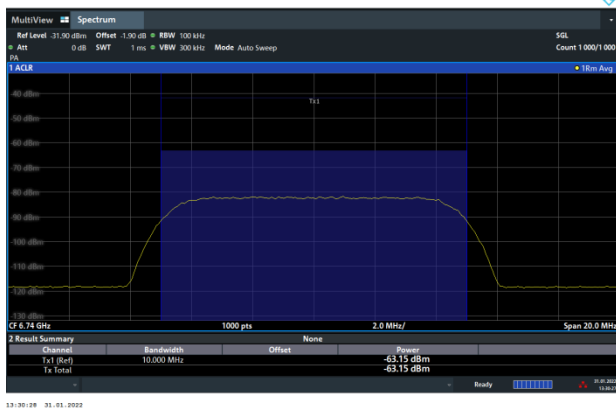
802.11ax (HE160) / CH143 (Middle)

Test result is pass due to no transmission occur.



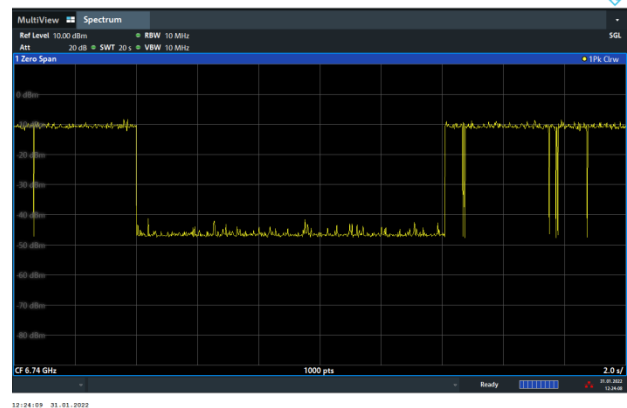
802.11ax (HE160) / 6740MHz (Upper edge)

Threshold Level (TL) = -63.15dBm

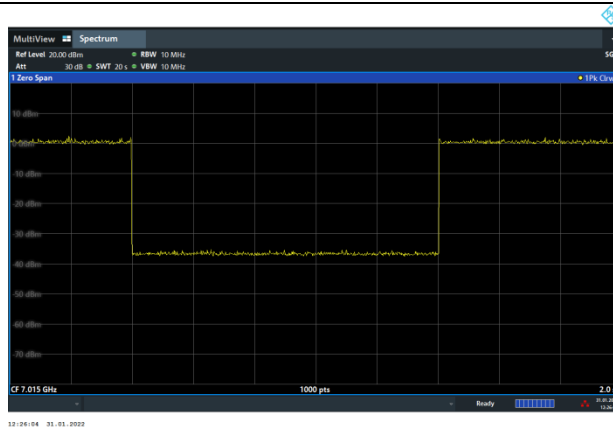


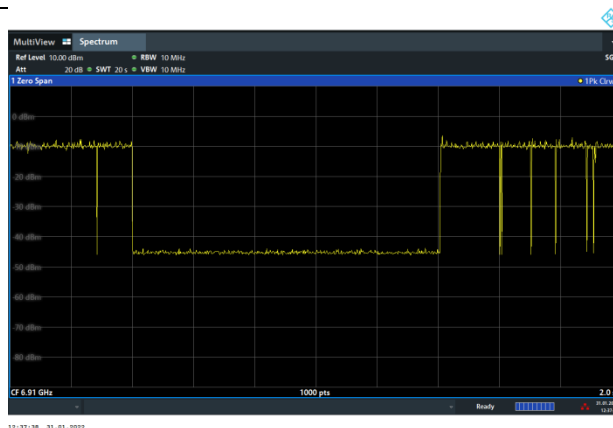
802.11ax (HE160) / CH143 (Upper edge)

Test result is pass due to no transmission occur.



**Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)**
**802.11ax (HE20) / 7015MHz**
**Threshold Level (TL) = -69.11dBm**

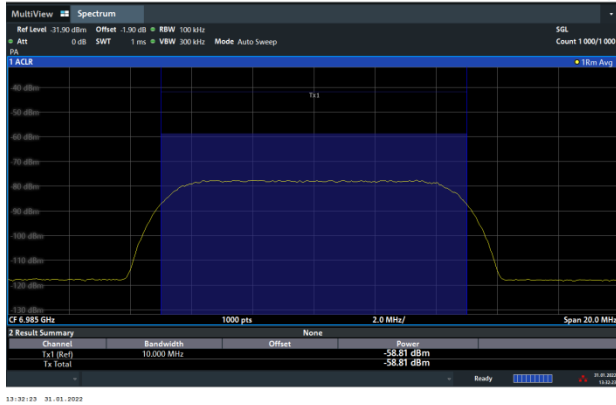
**802.11ax (HE20) / CH213**
**Test result is pass due to no transmission occur.**

**802.11ax (HE160) / 6910MHz (Lower edge)**
**Threshold Level (TL) = -63.04dBm**

**802.11ax (HE160) / CH207 (Lower edge)**
**Test result is pass due to no transmission occur.**




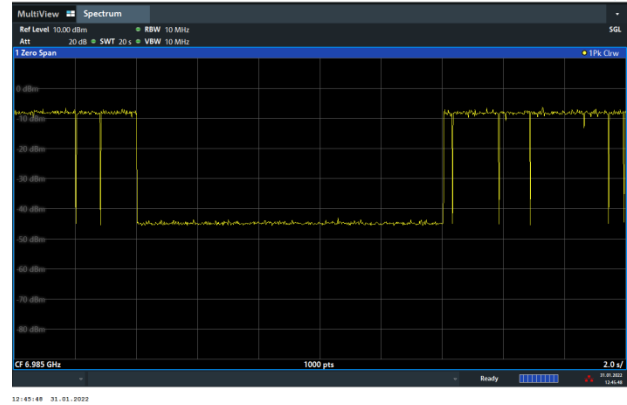
802.11ax (HE160) / 6985MHz (Middle)

Threshold Level (TL) = -58.81dBm



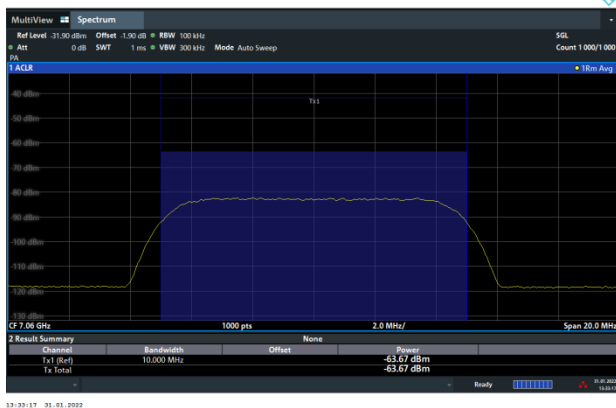
802.11ax (HE160) / CH207 (Middle)

Test result is pass due to no transmission occur.



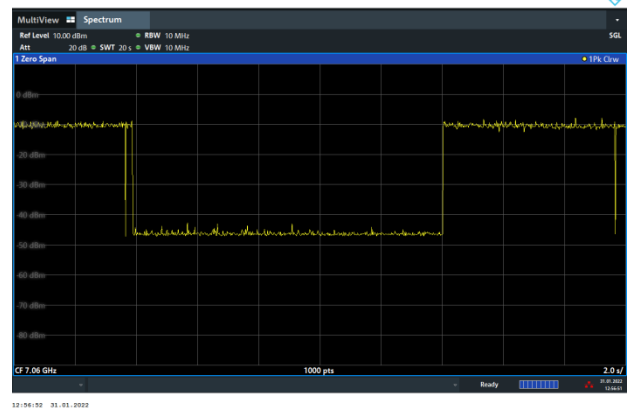
802.11ax (HE160) / 7060MHz (Upper edge)

Threshold Level (TL) = -63.67dBm



802.11ax (HE160) / CH207 (Upper edge)

Test result is pass due to no transmission occur.



### 3.6 Unwanted Emissions Measurement

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

#### 3.6.1 Limit of Unwanted Emissions

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

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

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

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

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

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

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

#### 3.6.2 Measuring Instruments

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

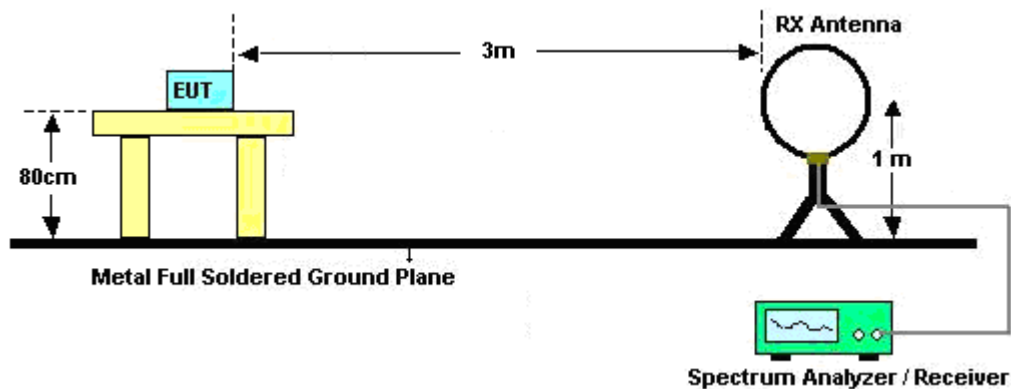
### 3.6.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.  
Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW  $\geq$  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 is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

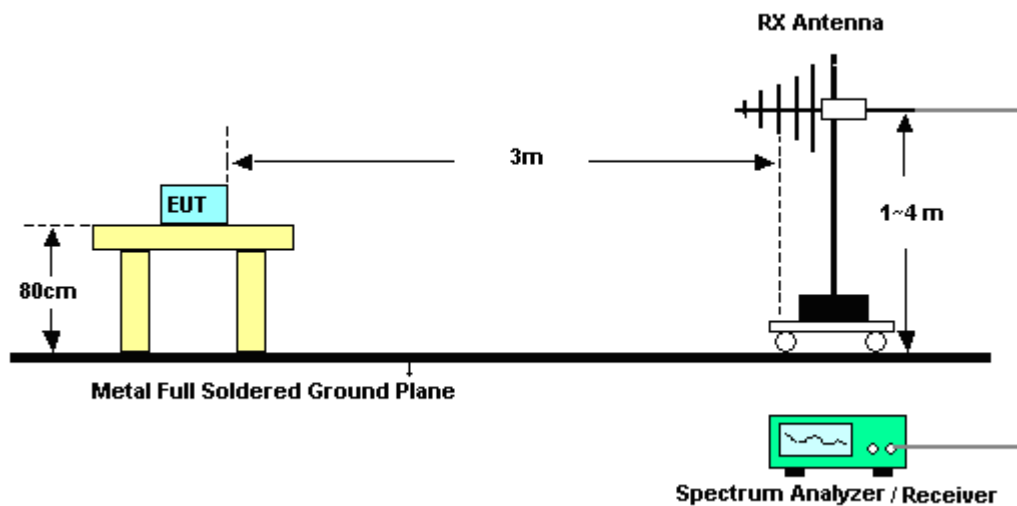
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

### 3.6.4 Test Setup

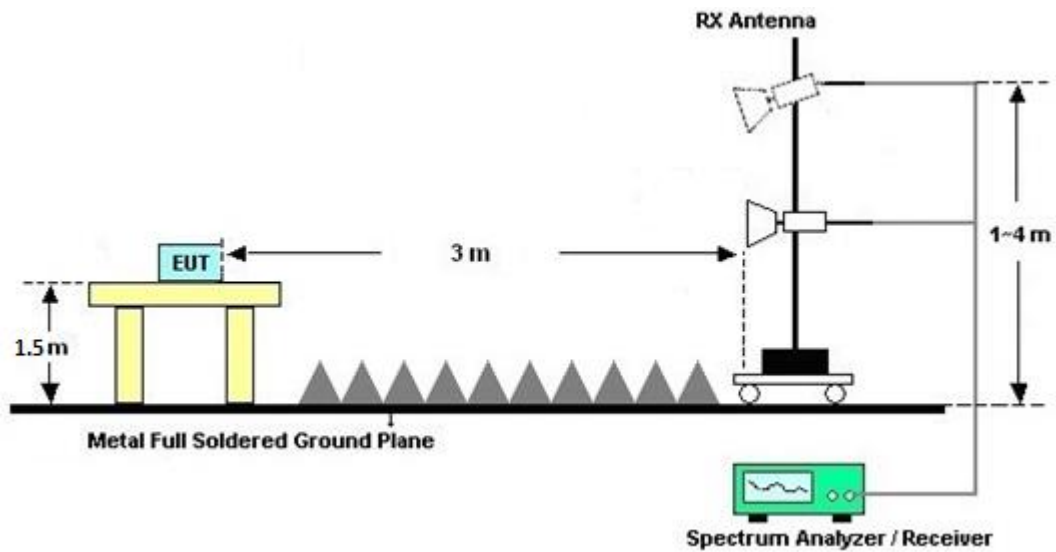
For radiated emissions below 30MHz



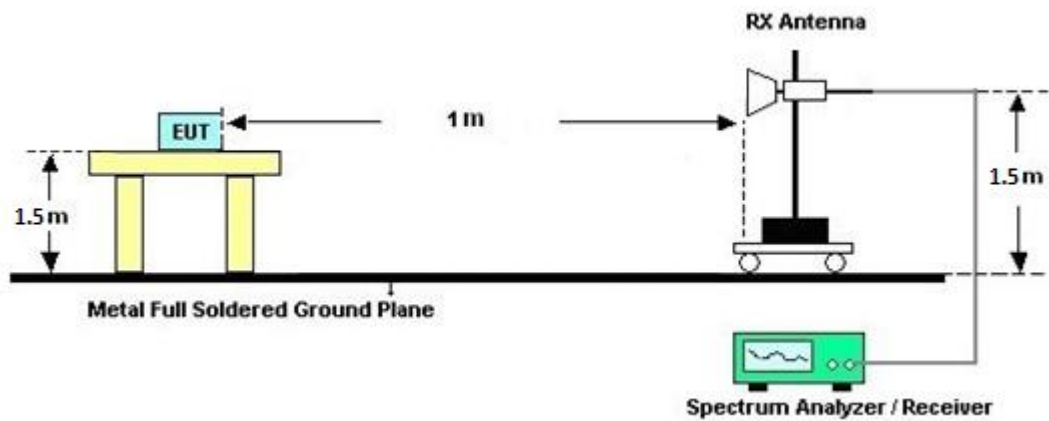
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

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

Please refer to Appendix C and D.

### **3.6.7 Duty Cycle**

Please refer to Appendix E.

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

Please refer to Appendix C and D.

### 3.7 AC Conducted Emission Measurement

#### 3.7.1 Limit of AC Conducted Emission

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

| Frequency of emission (MHz) | Conducted limit (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.

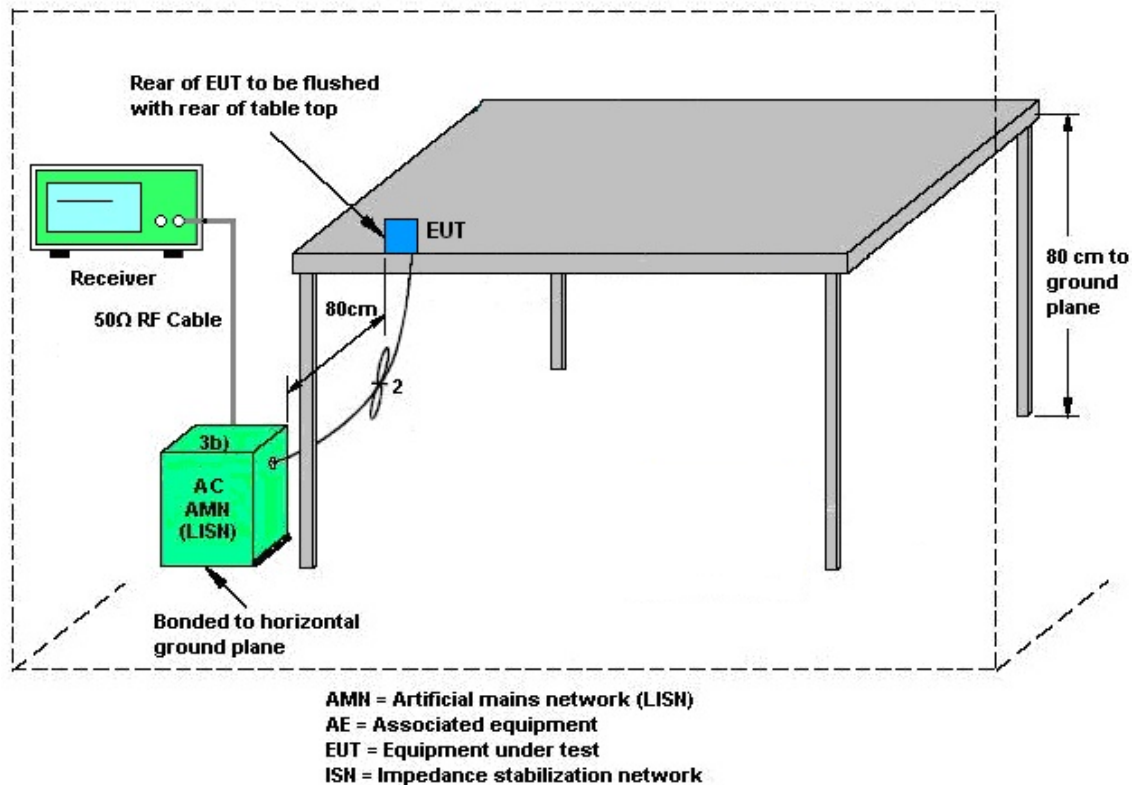
#### 3.7.2 Measuring Instruments

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

#### 3.7.3 Test Procedures

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

### 3.7.4 Test Setup



### 3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

### 3.8 Antenna Requirements

#### 3.8.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

#### 3.8.2 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain =  $G_{ANT}$  + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain =  $10 \log(N_{ANT}/N_{SS}=1)$  dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ .

Directional gain may be calculated by using the formulas applicable to equal gain antennas with

$G_{ANT}$  set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

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

F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The directional gain "DG" is calculated as following table.

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

$N_{SS}$  = the number of independent spatial streams of data;

$N_{ANT}$  = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$  if the  $k$ th antenna is being fed by spatial stream  $j$ , or zero if it is not;

$G_k$  is the gain in dBi of the  $k$ th antenna.

|                     |         |         | DG    | DG    |
|---------------------|---------|---------|-------|-------|
|                     |         |         | for   | for   |
|                     | Chain 1 | Chain 2 | Power | PSD   |
|                     | (dBi)   | (dBi)   | (dBi) | (dBi) |
| 5925 MHz ~ 6425 MHz | 3.33    | 3.28    | 3.33  | 6.32  |
| 6425 MHz ~ 6525 MHz | 3.47    | 2.54    | 3.47  | 6.03  |
| 6525 MHz ~ 6875 MHz | 3.71    | 3.42    | 3.71  | 6.58  |
| 6875 MHz ~ 7125 MHz | 3.71    | 3.42    | 3.71  | 6.58  |

Calculation example:

For the band 5925~6425MHz, the DG for PSD is derived from formula is

$$10 \times \log \{ \{ [ 10^{\wedge} (3.33\text{dBi} / 20) + 10^{\wedge} (3.28 \text{ dBi} / 20) ] ^ 2 \} / 2 \}$$

$$= 6.32 \text{ dBi}$$



## 4 List of Measuring Equipment

| Instrument              | Brand Name      | Model No.                                | Serial No.                         | Characteristics                  | Calibration Date | Test Date                       | Due Date      | Remark                   |
|-------------------------|-----------------|------------------------------------------|------------------------------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| EMI Test Receiver       | Keysight        | N9010B                                   | MY60241055                         | 10Hz~44GHz                       | Jul. 12, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jul. 11, 2022 | Radiation<br>(03CH20-HY) |
| Preamplifier            | COM-POWER       | PAM-103                                  | 18020201                           | 1MHz-1000MHz                     | Jan. 03, 2022    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 02, 2023 | Radiation<br>(03CH20-HY) |
| Amplifier               | EMCI            | EMC118A45SE                              | 980792                             | N/A                              | Nov. 15, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Nov. 14, 2022 | Radiation<br>(03CH20-HY) |
| Preamplifier            | EMEC            | EM18G40G                                 | 060801                             | 18GHz~40GHz                      | Jun. 22, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jun. 21, 2022 | Radiation<br>(03CH20-HY) |
| Loop Antenna            | Rohde & Schwarz | HFH2-Z2                                  | 100315                             | 9 kHz~30 MHz                     | Jan. 07, 2022    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 06, 2023 | Radiation<br>(03CH20-HY) |
| Bilog Antenna           | TESEQ           | CBL<br>6111D&00802<br>N1D01N-06          | 55606 & 08                         | 30MHz~1GHz                       | Oct. 17, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Oct. 16, 2022 | Radiation<br>(03CH20-HY) |
| Horn Antenna            | SCHWARZBECK     | BBHA 9120 D                              | 9120D-02294                        | 1GHz~18GHz                       | Jun. 23, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jun. 22, 2022 | Radiation<br>(03CH20-HY) |
| SHF-EHF Horn Antenna    | SCHWARZBECK     | BBHA9170                                 | 00991                              | 18GHz-40GHz                      | May 12, 2021     | Jan. 18, 2022~<br>Feb. 17, 2022 | May 11, 2022  | Radiation<br>(03CH20-HY) |
| Hygrometer              | TECEP           | DTM-303B                                 | TP200728                           | N/A                              | Mar. 09, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Mar. 08, 2022 | Radiation<br>(03CH20-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>102                          | 519229/2,804<br>015/2,804027<br>/2 | N/A                              | Jan. 20, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 19, 2022 | Radiation<br>(03CH20-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>102                          | 519229/2,804<br>015/2,804027<br>/2 | N/A                              | Jan. 19, 2022    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 18, 2023 | Radiation<br>(03CH20-HY) |
| 1.53GHz Low Pass Filter | Wainwright      | WLK4-1000-15<br>30-8000-40SS             | SN27                               | N/A                              | May 25, 2021     | Jan. 18, 2022~<br>Feb. 17, 2022 | May 24, 2022  | Radiation<br>(03CH20-HY) |
| Filter                  | Wainwright      | WHKX8-6090-<br>7000-18000-40<br>SS       | SN99                               | N/A                              | Nov. 04, 2021    | Jan. 18, 2022~<br>Feb. 17, 2022 | Nov. 03, 2022 | Radiation<br>(03CH20-HY) |
| Filter                  | Wainwright      | WRCQV14-54<br>25-5825-6525-<br>6925-60SS | SN2                                | N/A                              | Jan. 07, 2022    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 06, 2023 | Radiation<br>(03CH20-HY) |
| Filter                  | Wainwright      | WRCQV14-60<br>25-6425-7125-<br>7525-60SS | SN1                                | N/A                              | Jan. 07, 2022    | Jan. 18, 2022~<br>Feb. 17, 2022 | Jan. 06, 2023 | Radiation<br>(03CH20-HY) |
| Filter                  | Wainwright      | WHW2-7100-1<br>0000-18000-40<br>CC       | SN3                                | N/A                              | May 25, 2021     | Jan. 18, 2022~<br>Feb. 17, 2022 | May 24, 2022  | Radiation<br>(03CH20-HY) |
| Software                | Audix           | E3<br>6.2009-8-24                        | RK-002156                          | N/A                              | N/A              | Jan. 18, 2022~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH20-HY) |
| Antenna Mast            | EMEC            | AM-BS-4500-B                             | N/A                                | 1m~4m                            | N/A              | Jan. 18, 2022~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH20-HY) |
| Turn Table              | EMEC            | TT2000                                   | N/A                                | 0~360 Degree                     | N/A              | Jan. 18, 2022~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH20-HY) |
| Controller              | EMEC            | EM1000                                   | N/A                                | Control Turn<br>table & Ant Mast | N/A              | Jan. 18, 2022~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH20-HY) |



| Instrument                    | Brand Name      | Model No.                              | Serial No.                | Characteristics | Calibration Date        | Test Date                       | Due Date                | Remark                  |
|-------------------------------|-----------------|----------------------------------------|---------------------------|-----------------|-------------------------|---------------------------------|-------------------------|-------------------------|
| Hygrometer                    | TECEP           | DTM-303A                               | TP201996                  | N/A             | Nov. 16, 2021           | Jan. 14, 2022~<br>Feb. 18, 2022 | Nov. 15, 2022           | Conducted<br>(TH05-HY)  |
| Power Meter                   | Raditeq         | RPR3006W<br>#010                       | RPR6W-2101<br>002(NO:123) | 10MHz~8GHz      | Jan. 13, 2022           | Jan. 14, 2022~<br>Feb. 18, 2022 | Jan. 12, 2023           | Conducted<br>(TH05-HY)  |
| Signal Analyzer               | Rohde & Schwarz | FSV40                                  | 101566                    | 10Hz~40GHz      | Aug. 30, 2021           | Jan. 14, 2022~<br>Feb. 18, 2022 | Aug. 29, 2022           | Conducted<br>(TH05-HY)  |
| Spectrum Analyzer             | Rohde & Schwarz | FSP40                                  | 100057                    | 9kHz~40GHz      | Dec. 30, 2021           | Jan. 14, 2022~<br>Feb. 18, 2022 | Dec. 29, 2022           | Conducted<br>(TH05-HY)  |
| Switch Control Manframe       | E-IUSTRUMENT    | ETF-1405-0                             | EC1900067<br>(BOX7)       | N/A             | Aug. 12, 2021           | Jan. 14, 2022~<br>Feb. 18, 2022 | Aug. 11, 2022           | Conducted<br>(TH05-HY)  |
| AC Power Source               | ACPOWER         | AFC-11003G                             | F317040033                | N/A             | N/A                     | Jan. 25, 2022                   | N/A                     | Conduction<br>(CO07-HY) |
| Software                      | Rohde & Schwarz | EMC32 V10.30                           | N/A                       | N/A             | N/A                     | Jan. 25, 2022                   | N/A                     | Conduction<br>(CO07-HY) |
| Pulse Limiter                 | SCHWARZBECK     | VTSD 9561-F<br>N                       | 9561-F<br>N00373          | 9kHz~200MHz     | Oct. 29, 2021           | Jan. 25, 2022                   | Oct. 28, 2022           | Conduction<br>(CO07-HY) |
| RF Cable                      | HUBER + SUHNER  | RG 214/U                               | 1358175                   | 9kHz~30MHz      | Mar. 17, 2021           | Jan. 25, 2022                   | Mar. 16, 2022           | Conduction<br>(CO07-HY) |
| Two-Line V-Network            | TESEQ           | NNB 51                                 | 45051                     | N/A             | Feb. 01, 2021           | Jan. 25, 2022                   | Jan. 31, 2022           | Conduction<br>(CO07-HY) |
| EMI Test Receiver             | Rohde & Schwarz | ESC17                                  | 100724                    | 9kHz~7GHz       | Feb. 18, 2021           | Jan. 25, 2022                   | Feb. 17, 2022           | Conduction<br>(CO07-HY) |
| Hygrometer                    | TECEP           | DTM-303B                               | TP200728                  | N/A             | Mar. 09, 2021           | Jan. 25, 2022                   | Mar. 08, 2022           | Conduction<br>(CO07-HY) |
| Signal Generator (Interferer) | Rohde & Schwarz | SMW200A                                | 109425                    | 100kHz~7.5GHz   | Jan. 13, 2022           | Jan. 31, 2022                   | Jan. 12, 2023           | CBP<br>(DF02-HY)        |
| Spectrum Analyzer             | Rohde & Schwarz | FSV3044                                | 101048                    | 10Hz~44GHz      | Apr. 20, 2021           | Jan. 31, 2022                   | Apr. 19, 2022           | CBP<br>(DF02-HY)        |
| Power Divider                 | Woken           | 2Way Divider                           | DCMB1KW7A<br>1            | 0.5GHz~18GHz    | Calibration from System | Jan. 31, 2022                   | Calibration from System | CBP<br>(DF02-HY)        |
| Power Divider                 | Woken           | 2Way Divider                           | DCMB1KW7A<br>2            | 0.5GHz~18GHz    | Calibration from System | Jan. 31, 2022                   | Calibration from System | CBP<br>(DF02-HY)        |
| Coupler                       | Woken           | 10dB 30W SMA                           | DOM5CW3A<br>1             | 0.5~18GHz       | Calibration from System | Jan. 31, 2022                   | Calibration from System | CBP<br>(DF02-HY)        |
| Power Divider                 | Woken           | 3Way SMA Power Divider<br>Rated to 20W | STI08-0010(#<br>2)        | 2GHz~8GHz       | Calibration from System | Jan. 31, 2022                   | Calibration from System | CBP<br>(DF02-HY)        |

## 5 Uncertainty of Evaluation

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 2.3 dB |
|----------------------------------------------------------------------------|--------|

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.9 dB |
|----------------------------------------------------------------------------|--------|

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.2 dB |
|----------------------------------------------------------------------------|--------|

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.7 dB |
|----------------------------------------------------------------------------|--------|

## Appendix A. Test Result of Conducted Test Items

|                |                |                    |       |    |
|----------------|----------------|--------------------|-------|----|
| Test Engineer: | Benny Ku       | Temperature:       | 21~25 | °C |
| Test Date:     | 2022/1/14~2/18 | Relative Humidity: | 51~54 | %  |

**Remark:** For Conducted Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).

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

| Band V MIMO |           |                 |             |                     |       |                       |       |      |
|-------------|-----------|-----------------|-------------|---------------------|-------|-----------------------|-------|------|
| Mod.        | Data Rate | N <sub>TX</sub> | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | Note |
|             |           |                 |             | Ant 1               | Ant 2 | Ant 1                 | Ant 2 |      |
| 11a         | 6Mbps     | 2               | 5955        | 16.55               | 16.50 | 20.15                 | 20.10 |      |
| 11a         | 6Mbps     | 2               | 6195        | 16.55               | 16.55 | 19.95                 | 19.95 |      |
| 11a         | 6Mbps     | 2               | 6415        | 16.55               | 16.55 | 20.35                 | 19.70 |      |

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

| FCC Band V MIMO |           |     |             |                       |       |       |          |       |                  |                        |            |
|-----------------|-----------|-----|-------------|-----------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.            | Data Rate | NTX | Freq. (MHz) | Conducted Power (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                 |           |     |             | Ant 1                 | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM              |                        |            |
| 11a             | 6Mbps     | 2   | 5955        | -0.20                 | 0.00  | 2.91  | 3.33     |       | 6.24             | 24.00                  | Pass       |
| 11a             | 6Mbps     | 2   | 6195        | -0.20                 | -0.20 | 2.81  | 3.33     |       | 6.14             | 24.00                  | Pass       |
| 11a             | 6Mbps     | 2   | 6415        | -0.70                 | 1.00  | 3.24  | 3.33     |       | 6.57             | 24.00                  | Pass       |
| HT20            | MCS0      | 2   | 5955        | -0.10                 | 0.40  | 3.17  | 3.33     |       | 6.50             | 24.00                  | Pass       |
| HT20            | MCS0      | 2   | 6195        | -0.40                 | -0.50 | 2.56  | 3.33     |       | 5.89             | 24.00                  | Pass       |
| HT20            | MCS0      | 2   | 6415        | -0.60                 | 0.50  | 3.00  | 3.33     |       | 6.33             | 24.00                  | Pass       |
| HT40            | MCS0      | 2   | 5965        | 2.40                  | 3.30  | 5.88  | 3.33     |       | 9.21             | 24.00                  | Pass       |
| HT40            | MCS0      | 2   | 6205        | 3.20                  | 3.20  | 6.21  | 3.33     |       | 9.54             | 24.00                  | Pass       |
| HT40            | MCS0      | 2   | 6405        | 3.10                  | 3.70  | 6.42  | 3.33     |       | 9.75             | 24.00                  | Pass       |
| VHT20           | MCS0      | 2   | 5955        | -0.10                 | 0.40  | 3.17  | 3.33     |       | 6.50             | 24.00                  | Pass       |
| VHT20           | MCS0      | 2   | 6195        | -0.40                 | -0.50 | 2.56  | 3.33     |       | 5.89             | 24.00                  | Pass       |
| VHT20           | MCS0      | 2   | 6415        | -0.60                 | 0.50  | 3.00  | 3.33     |       | 6.33             | 24.00                  | Pass       |
| VHT40           | MCS0      | 2   | 5965        | 2.40                  | 3.30  | 5.88  | 3.33     |       | 9.21             | 24.00                  | Pass       |
| VHT40           | MCS0      | 2   | 6205        | 3.20                  | 3.20  | 6.21  | 3.33     |       | 9.54             | 24.00                  | Pass       |
| VHT40           | MCS0      | 2   | 6405        | 3.10                  | 3.70  | 6.42  | 3.33     |       | 9.75             | 24.00                  | Pass       |
| VHT80           | MCS0      | 2   | 5985        | 7.00                  | 6.20  | 9.63  | 3.33     |       | 12.96            | 24.00                  | Pass       |
| VHT80           | MCS0      | 2   | 6225        | 6.70                  | 5.90  | 9.33  | 3.33     |       | 12.66            | 24.00                  | Pass       |
| VHT80           | MCS0      | 2   | 6385        | 6.40                  | 6.10  | 9.26  | 3.33     |       | 12.59            | 24.00                  | Pass       |
| VHT160          | MCS0      | 2   | 6025        | 9.20                  | 7.70  | 11.52 | 3.33     |       | 14.85            | 24.00                  | Pass       |
| VHT160          | MCS0      | 2   | 6185        | 8.70                  | 7.70  | 11.24 | 3.33     |       | 14.57            | 24.00                  | Pass       |
| VHT160          | MCS0      | 2   | 6345        | 8.50                  | 8.50  | 11.51 | 3.33     |       | 14.84            | 24.00                  | Pass       |

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

| FCC Band V 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM | Ant 1    | Ant 2 | SUM                          |                                |            |
| 11a             | 6Mbps     | 2   | 5955        | 0.05             | 0.05  |                                   |       |     | 6.32     |       | -1.23                        | -1.00                          | Pass       |
| 11a             | 6Mbps     | 2   | 6195        | 0.05             | 0.05  |                                   |       |     | -7.33    | 6.32  | -1.01                        | -1.00                          | Pass       |
| 11a             | 6Mbps     | 2   | 6415        | 0.05             | 0.05  |                                   |       |     | -7.59    | 6.32  | -1.28                        | -1.00                          | Pass       |

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

| Band VI MIMO |           |     |             |                     |       |                       |       |      |
|--------------|-----------|-----|-------------|---------------------|-------|-----------------------|-------|------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | Note |
|              |           |     |             | Ant 1               | Ant 2 | Ant 1                 | Ant 2 |      |
| 11a          | 6Mbps     | 2   | 6435        | 16.55               | 16.50 | 20.25                 | 19.55 |      |
| 11a          | 6Mbps     | 2   | 6475        | 16.55               | 16.55 | 19.95                 | 19.65 |      |
| 11a          | 6Mbps     | 2   | 6515        | 16.55               | 16.50 | 20.00                 | 19.75 |      |

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

| FCC Band VI MIMO |           |     |             |                       |       |       |          |       |                  |                        |            |
|------------------|-----------|-----|-------------|-----------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.             | Data Rate | NTX | Freq. (MHz) | Conducted Power (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                  |           |     |             | Ant 1                 | Ant 2 | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| 11a              | 6Mbps     | 2   | 6435        | -0.30                 | 1.50  | 3.70  | 3.47     |       | 7.17             | 24.00                  | Pass       |
| 11a              | 6Mbps     | 2   | 6475        | 0.50                  | 0.80  | 3.66  | 3.47     |       | 7.13             | 24.00                  | Pass       |
| 11a              | 6Mbps     | 2   | 6515        | -0.20                 | 0.80  | 3.34  | 3.47     |       | 6.81             | 24.00                  | Pass       |
| HT20             | MCS0      | 2   | 6435        | -0.10                 | 1.20  | 3.61  | 3.47     |       | 7.08             | 24.00                  | Pass       |
| HT20             | MCS0      | 2   | 6475        | -0.10                 | 1.00  | 3.50  | 3.47     |       | 6.97             | 24.00                  | Pass       |
| HT20             | MCS0      | 2   | 6515        | 0.00                  | 0.20  | 3.11  | 3.47     |       | 6.58             | 24.00                  | Pass       |
| HT40             | MCS0      | 2   | 6445        | 4.30                  | 4.30  | 7.31  | 3.47     |       | 10.78            | 24.00                  | Pass       |
| HT40             | MCS0      | 2   | 6485        | 4.30                  | 3.80  | 7.07  | 3.47     |       | 10.54            | 24.00                  | Pass       |
| VHT20            | MCS0      | 2   | 6435        | -0.10                 | 1.20  | 3.61  | 3.47     |       | 7.08             | 24.00                  | Pass       |
| VHT20            | MCS0      | 2   | 6475        | -0.10                 | 1.00  | 3.50  | 3.47     |       | 6.97             | 24.00                  | Pass       |
| VHT20            | MCS0      | 2   | 6515        | 0.00                  | 0.20  | 3.11  | 3.47     |       | 6.58             | 24.00                  | Pass       |
| VHT40            | MCS0      | 2   | 6445        | 4.30                  | 4.30  | 7.31  | 3.47     |       | 10.78            | 24.00                  | Pass       |
| VHT40            | MCS0      | 2   | 6485        | 4.30                  | 3.80  | 7.07  | 3.47     |       | 10.54            | 24.00                  | Pass       |
| VHT80            | MCS0      | 2   | 6465        | 7.10                  | 6.90  | 10.01 | 3.47     |       | 13.48            | 24.00                  | Pass       |

| FCC Band VI straddle channel MIMO |           |     |             |                       |       |       |          |       |                  |                        |            |
|-----------------------------------|-----------|-----|-------------|-----------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.                              | Data Rate | NTX | Freq. (MHz) | Conducted Power (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                                   |           |     |             | Ant 1                 | Ant 2 | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| HT40                              | MCS0      | 2   | 6525        | 4.30                  | 3.10  | 6.75  | 3.47     |       | 10.22            | 24.00                  | Pass       |
| VHT40                             | MCS0      | 2   | 6525        | 4.30                  | 3.10  | 6.75  | 3.47     |       | 10.22            | 24.00                  | Pass       |
| VHT160                            | MCS0      | 2   | 6505        | 9.50                  | 8.80  | 12.17 | 3.47     |       | 15.64            | 24.00                  | Pass       |

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

| FCC Band VI 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM | Ant 1    | Ant 2 | SUM                          |                                |            |
| 11a              | 6Mbps     | 2   | 6435        | 0.05             | 0.05  |                                   |       |     | 6.03     | -1.08 | -1.00                        | Pass                           |            |
| 11a              | 6Mbps     | 2   | 6475        | 0.05             | 0.05  |                                   |       |     | -7.13    | 6.03  | -1.10                        | -1.00                          | Pass       |
| 11a              | 6Mbps     | 2   | 6515        | 0.05             | 0.05  |                                   |       |     | -7.12    | 6.03  | -1.09                        | -1.00                          | Pass       |

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

| Band VII MIMO |           |     |             |                     |       |                       |       |      |
|---------------|-----------|-----|-------------|---------------------|-------|-----------------------|-------|------|
| Mod.          | Data Rate | NTX | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | Note |
|               |           |     |             | Ant 1               | Ant 2 | Ant 1                 | Ant 2 |      |
| 11a           | 6Mbps     | 2   | 6535        | 16.60               | 16.50 | 19.90                 | 20.05 |      |
| 11a           | 6Mbps     | 2   | 6695        | 16.60               | 16.55 | 20.75                 | 19.80 |      |
| 11a           | 6Mbps     | 2   | 6855        | 16.70               | 16.60 | 20.55                 | 20.00 |      |

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

| FCC Band VII MIMO |           |     |             |                       |       |       |          |       |                  |                        |            |
|-------------------|-----------|-----|-------------|-----------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.              | Data Rate | NTX | Freq. (MHz) | Conducted Power (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                   |           |     |             | Ant 1                 | Ant 2 | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| 11a               | 6Mbps     | 2   | 6535        | -0.60                 | 0.00  | 2.72  | 3.71     |       | 6.43             | 24.00                  | Pass       |
| 11a               | 6Mbps     | 2   | 6695        | -1.60                 | -0.50 | 2.00  | 3.71     |       | 5.71             | 24.00                  | Pass       |
| 11a               | 6Mbps     | 2   | 6855        | -2.20                 | -0.50 | 1.74  | 3.71     |       | 5.45             | 24.00                  | Pass       |
| HT20              | MCS0      | 2   | 6535        | 0.40                  | 1.00  | 3.72  | 3.71     |       | 7.43             | 24.00                  | Pass       |
| HT20              | MCS0      | 2   | 6695        | -1.50                 | -0.10 | 2.27  | 3.71     |       | 5.98             | 24.00                  | Pass       |
| HT20              | MCS0      | 2   | 6855        | -1.60                 | 0.20  | 2.40  | 3.71     |       | 6.11             | 24.00                  | Pass       |
| HT40              | MCS0      | 2   | 6565        | 2.40                  | 2.90  | 5.67  | 3.71     |       | 9.38             | 24.00                  | Pass       |
| HT40              | MCS0      | 2   | 6685        | 3.30                  | 3.10  | 6.21  | 3.71     |       | 9.92             | 24.00                  | Pass       |
| HT40              | MCS0      | 2   | 6845        | 2.30                  | 2.70  | 5.51  | 3.71     |       | 9.22             | 24.00                  | Pass       |
| VHT20             | MCS0      | 2   | 6535        | 0.40                  | 1.00  | 3.72  | 3.71     |       | 7.43             | 24.00                  | Pass       |
| VHT20             | MCS0      | 2   | 6695        | -1.50                 | -0.10 | 2.27  | 3.71     |       | 5.98             | 24.00                  | Pass       |
| VHT20             | MCS0      | 2   | 6855        | -1.60                 | 0.20  | 2.40  | 3.71     |       | 6.11             | 24.00                  | Pass       |
| VHT40             | MCS0      | 2   | 6565        | 2.40                  | 2.90  | 5.67  | 3.71     |       | 9.38             | 24.00                  | Pass       |
| VHT40             | MCS0      | 2   | 6685        | 3.30                  | 3.10  | 6.21  | 3.71     |       | 9.92             | 24.00                  | Pass       |
| VHT40             | MCS0      | 2   | 6845        | 2.30                  | 2.70  | 5.51  | 3.71     |       | 9.22             | 24.00                  | Pass       |
| VHT80             | MCS0      | 2   | 6625        | 6.50                  | 5.90  | 9.22  | 3.71     |       | 12.93            | 24.00                  | Pass       |
| VHT80             | MCS0      | 2   | 6705        | 5.90                  | 6.00  | 8.96  | 3.71     |       | 12.67            | 24.00                  | Pass       |
| VHT80             | MCS0      | 2   | 6785        | 6.10                  | 6.40  | 9.26  | 3.71     |       | 12.97            | 24.00                  | Pass       |
| VHT160            | MCS0      | 2   | 6665        | 8.40                  | 8.60  | 11.51 | 3.71     |       | 15.22            | 24.00                  | Pass       |
| VHT160            | MCS0      | 2   | 6825        | 8.30                  | 8.60  | 11.46 | 3.71     |       | 15.17            | 24.00                  | Pass       |

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

| FCC Band VII 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| 11a               | 6Mbps     | 2   | 6535        | 0.05             | 0.05  |                                   |       | -7.68 | 6.58     |       | -1.10                        | -1.00                          | Pass       |
| 11a               | 6Mbps     | 2   | 6695        | 0.05             | 0.05  |                                   |       | -7.63 | 6.58     |       | -1.05                        | -1.00                          | Pass       |
| 11a               | 6Mbps     | 2   | 6855        | 0.05             | 0.05  |                                   |       | -7.80 | 6.58     |       | -1.22                        | -1.00                          | Pass       |

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

| Band VIII MIMO |           |     |             |                     |       |                       |       |      |
|----------------|-----------|-----|-------------|---------------------|-------|-----------------------|-------|------|
| Mod.           | Data Rate | NTX | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | Note |
|                |           |     |             | Ant 1               | Ant 2 | Ant 1                 | Ant 2 |      |
| 11a            | 6Mbps     | 2   | 6895        | 16.60               | 16.55 | 20.10                 | 20.15 |      |
| 11a            | 6Mbps     | 2   | 6995        | 16.65               | 16.55 | 20.65                 | 19.80 |      |
| 11a            | 6Mbps     | 2   | 7115        | 16.65               | 16.50 | 20.70                 | 19.85 |      |

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

| FCC Band VIII MIMO |           |     |             |                       |        |       |          |       |                  |                        |            |
|--------------------|-----------|-----|-------------|-----------------------|--------|-------|----------|-------|------------------|------------------------|------------|
| Mod.               | Data Rate | NTX | Freq. (MHz) | Conducted Power (dBm) |        |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                    |           |     |             | Ant 1                 | Ant 2  | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| 11a                | 6Mbps     | 2   | 6895        | -1.00                 | -0.20  | 2.43  | 3.71     |       | 6.14             | 24.00                  | Pass       |
| 11a                | 6Mbps     | 2   | 6995        | -1.20                 | -0.40  | 2.23  | 3.71     |       | 5.94             | 24.00                  | Pass       |
| 11a                | 6Mbps     | 2   | 7115        | -1.30                 | -0.30  | 2.24  | 3.71     |       | 5.95             | 24.00                  | Pass       |
| HT20               | MCS0      | 2   | 6895        | -0.50                 | 0.10   | 2.82  | 3.71     |       | 6.53             | 24.00                  | Pass       |
| HT20               | MCS0      | 2   | 6995        | -1.30                 | -0.20  | 2.30  | 3.71     |       | 6.01             | 24.00                  | Pass       |
| HT20               | MCS0      | 2   | 7115        | -10.70                | -10.50 | -7.59 | 3.71     |       | -3.88            | 24.00                  | Pass       |
| HT40               | MCS0      | 2   | 6925        | 3.50                  | 2.50   | 6.04  | 3.71     |       | 9.75             | 24.00                  | Pass       |
| HT40               | MCS0      | 2   | 7005        | 3.10                  | 2.40   | 5.77  | 3.71     |       | 9.48             | 24.00                  | Pass       |
| HT40               | MCS0      | 2   | 7085        | 1.50                  | 1.40   | 4.46  | 3.71     |       | 8.17             | 24.00                  | Pass       |
| VHT20              | MCS0      | 2   | 6895        | -0.50                 | 0.10   | 2.82  | 3.71     |       | 6.53             | 24.00                  | Pass       |
| VHT20              | MCS0      | 2   | 6995        | -1.30                 | -0.20  | 2.30  | 3.71     |       | 6.01             | 24.00                  | Pass       |
| VHT20              | MCS0      | 2   | 7115        | -10.70                | -10.50 | -7.59 | 3.71     |       | -3.88            | 24.00                  | Pass       |
| VHT40              | MCS0      | 2   | 6925        | 3.50                  | 2.50   | 6.04  | 3.71     |       | 9.75             | 24.00                  | Pass       |
| VHT40              | MCS0      | 2   | 7005        | 3.10                  | 2.40   | 5.77  | 3.71     |       | 9.48             | 24.00                  | Pass       |
| VHT40              | MCS0      | 2   | 7085        | 1.50                  | 1.40   | 4.46  | 3.71     |       | 8.17             | 24.00                  | Pass       |
| VHT80              | MCS0      | 2   | 6945        | 6.60                  | 5.70   | 9.18  | 3.71     |       | 12.89            | 24.00                  | Pass       |
| VHT80              | MCS0      | 2   | 7025        | 6.60                  | 5.80   | 9.23  | 3.71     |       | 12.94            | 24.00                  | Pass       |
| VHT160             | MCS0      | 2   | 6985        | 8.20                  | 8.40   | 11.31 | 3.71     |       | 15.02            | 24.00                  | Pass       |

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

| FCC Band VIII 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| 11a                | 6Mbps     | 2   | 6895        | 0.05             | 0.05  |                                   |       | -7.61 | 6.58     |       | -1.03                        | -1.00                          | Pass       |
| 11a                | 6Mbps     | 2   | 6995        | 0.05             | 0.05  |                                   |       | -7.95 | 6.58     |       | -1.37                        | -1.00                          | Pass       |
| 11a                | 6Mbps     | 2   | 7115        | 0.05             | 0.05  |                                   |       | -7.67 | 6.58     |       | -1.09                        | -1.00                          | Pass       |

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

| Band V MIMO |           |     |             |           |                     |        |                       |        |      |
|-------------|-----------|-----|-------------|-----------|---------------------|--------|-----------------------|--------|------|
| Mod.        | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) |        | 26 dB Bandwidth (MHz) |        | Note |
|             |           |     |             |           | Ant 1               | Ant 2  | Ant 1                 | Ant 2  |      |
| HE20        | MCS0      | 2   | 5955        | Full      | 19.00               | 18.95  | 21.15                 | 21.30  |      |
| HE20        | MCS0      | 2   | 6195        | Full      | 19.00               | 19.00  | 21.30                 | 21..35 |      |
| HE20        | MCS0      | 2   | 6415        | Full      | 19.00               | 19.00  | 21.50                 | 21.50  |      |
| HE40        | MCS0      | 2   | 5965        | Full      | 38.10               | 37.90  | 40.32                 | 40.50  |      |
| HE40        | MCS0      | 2   | 6205        | Full      | 38.10               | 38.20  | 40.32                 | 40.32  |      |
| HE40        | MCS0      | 2   | 6405        | Full      | 38.10               | 38.00  | 40.95                 | 40.68  |      |
| HE80        | MCS0      | 2   | 5985        | Full      | 77.28               | 76.92  | 83.04                 | 83.04  |      |
| HE80        | MCS0      | 2   | 6225        | Full      | 77.16               | 77.16  | 82.88                 | 82.88  |      |
| HE80        | MCS0      | 2   | 6385        | Full      | 77.28               | 77.28  | 83.20                 | 83.68  |      |
| HE160       | MCS0      | 2   | 6025        | Full      | 156.48              | 156.24 | 168.00                | 168.96 |      |
| HE160       | MCS0      | 2   | 6185        | Full      | 156.96              | 156.72 | 168.64                | 168.32 |      |
| HE160       | MCS0      | 2   | 6345        | Full      | 156.48              | 156.24 | 168.32                | 168.32 |      |

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

| FCC Band V MIMO |           |     |     |             |           |                       |        |       |          |       |                  |                        |            |
|-----------------|-----------|-----|-----|-------------|-----------|-----------------------|--------|-------|----------|-------|------------------|------------------------|------------|
| Mod.            | Data Rate | NTX | CH. | Freq. (MHz) | RU Config | Conducted Power (dBm) |        |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                 |           |     |     |             |           | Ant 1                 | Ant 2  | SUM   | Ant 1    | Ant 2 | SUM              |                        |            |
| HE20            | MCS0      | 2   | 001 | 5955        | Full      | 0.00                  | 0.50   | 3.27  | 3.33     |       | 6.60             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 001 | 5955        | 26/0      | -9.40                 | -9.10  | -6.24 | 3.33     |       | -2.91            | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 001 | 5955        | 52/37     | -6.30                 | -5.90  | -3.09 | 3.33     |       | 0.24             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 001 | 5955        | 106/53    | -3.60                 | -3.20  | -0.39 | 3.33     |       | 2.94             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 045 | 5955        | 242/61    | -0.10                 | 0.40   | 3.17  | 3.33     |       | 6.50             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 045 | 6195        | Full      | -0.30                 | -0.40  | 2.66  | 3.33     |       | 5.99             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 045 | 6195        | 26/4      | -8.70                 | -8.90  | -5.79 | 3.33     |       | -2.46            | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 045 | 6195        | 52/39     | -6.20                 | -6.30  | -3.24 | 3.33     |       | 0.09             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 045 | 6195        | 106/53    | -3.90                 | -4.10  | -0.99 | 3.33     |       | 2.34             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 093 | 6195        | 242/61    | -0.40                 | -0.50  | 2.56  | 3.33     |       | 5.89             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 093 | 6415        | Full      | -0.50                 | 0.60   | 3.10  | 3.33     |       | 6.43             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 093 | 6415        | 26/8      | -10.20                | -9.30  | -6.72 | 3.33     |       | -3.39            | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 093 | 6415        | 52/40     | -7.30                 | -6.20  | -3.70 | 3.33     |       | -0.37            | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 093 | 6415        | 106/54    | -4.10                 | -2.70  | -0.33 | 3.33     |       | 3.00             | 24.00                  | Pass       |
| HE20            | MCS0      | 2   | 003 | 6415        | 242/61    | -0.90                 | 0.50   | 2.87  | 3.33     |       | 6.20             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | Full      | 2.50                  | 3.40   | 5.98  | 3.33     |       | 9.31             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | 26/9      | -9.00                 | -8.50  | -5.73 | 3.33     |       | -2.40            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | 52/41     | -6.90                 | -5.90  | -3.36 | 3.33     |       | -0.03            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | 106/55    | -4.10                 | -3.40  | -0.73 | 3.33     |       | 2.60             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | 242/63    | -0.70                 | 0.10   | 5.88  | 3.33     |       | 9.21             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 003 | 5965        | 484/65    | 2.40                  | 3.30   | 5.88  | 3.33     |       | 9.21             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | Full      | 3.30                  | 3.30   | 6.31  | 3.33     |       | 9.64             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | 26/9      | -10.10                | -10.00 | -7.04 | 3.33     |       | -3.71            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | 52/41     | -7.30                 | -7.20  | -4.24 | 3.33     |       | -0.91            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | 106/58    | -3.70                 | -3.80  | -0.74 | 3.33     |       | 2.59             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | 242/62    | 2.80                  | 2.90   | 5.86  | 3.33     |       | 9.19             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 051 | 6205        | 484/65    | 2.80                  | 2.90   | 5.86  | 3.33     |       | 9.19             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 091 | 6405        | Full      | 3.20                  | 3.80   | 6.52  | 3.33     |       | 9.85             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 091 | 6405        | 26/27     | -10.20                | -9.50  | -6.83 | 3.33     |       | -3.50            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 007 | 6405        | 52/48     | -7.00                 | -6.20  | -3.57 | 3.33     |       | -0.24            | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 091 | 6405        | 106/58    | 2.80                  | 3.40   | 6.12  | 3.33     |       | 9.45             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 055 | 6405        | 242/62    | -1.00                 | 0.10   | 2.60  | 3.33     |       | 5.93             | 24.00                  | Pass       |
| HE40            | MCS0      | 2   | 055 | 6405        | 484/65    | 2.80                  | 3.40   | 6.12  | 3.33     |       | 9.45             | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 007 | 5985        | Full      | 7.10                  | 6.30   | 9.73  | 3.33     |       | 13.06            | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 007 | 5985        | 996/67    | 6.80                  | 6.10   | 9.47  | 3.33     |       | 12.80            | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 055 | 6225        | Full      | 6.80                  | 6.00   | 9.43  | 3.33     |       | 12.76            | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 055 | 6225        | 996/67    | 6.70                  | 5.50   | 9.15  | 3.33     |       | 12.48            | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 087 | 6385        | Full      | 6.50                  | 6.20   | 9.36  | 3.33     |       | 12.69            | 24.00                  | Pass       |
| HE80            | MCS0      | 2   | 087 | 6385        | 996/67    | 6.40                  | 6.10   | 9.26  | 3.33     |       | 12.59            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 015 | 6025        | Full      | 9.30                  | 7.80   | 11.62 | 3.33     |       | 14.95            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 015 | 6025        | 1992/68   | 9.20                  | 8.00   | 11.65 | 3.33     |       | 14.98            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 047 | 6185        | Full      | 8.80                  | 7.80   | 11.34 | 3.33     |       | 14.67            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 047 | 6185        | 1992/68   | 8.70                  | 7.70   | 11.24 | 3.33     |       | 14.57            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 079 | 6345        | Full      | 8.60                  | 8.60   | 11.61 | 3.33     |       | 14.94            | 24.00                  | Pass       |
| HE160           | MCS0      | 2   | 079 | 6345        | 1992/68   | 8.50                  | 8.50   | 11.51 | 3.33     |       | 14.84            | 24.00                  | Pass       |

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

| FCC Band V 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| HE20            | MCS0      | 2               | 5955        | Full      | 0.09             | 0.09  |                                   |       | -7.38 | 6.32     |       | -1.07                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 5955        | 26/0      | 0.09             | 0.09  |                                   |       | -7.49 | 6.32     |       | -1.17                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 5955        | 52/37     | 0.09             | 0.09  |                                   |       | -7.46 | 6.32     |       | -1.14                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 5955        | 106/53    | 0.09             | 0.09  |                                   |       | -7.67 | 6.32     |       | -1.35                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 5955        | 242/61    | 0.09             | 0.09  |                                   |       | -8.13 | 6.32     |       | -1.81                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6195        | Full      | 0.09             | 0.09  |                                   |       | -7.52 | 6.32     |       | -1.20                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6195        | 26/4      | 0.09             | 0.09  |                                   |       | -7.56 | 6.32     |       | -1.25                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6195        | 52/39     | 0.09             | 0.09  |                                   |       | -7.58 | 6.32     |       | -1.26                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6195        | 106/53    | 0.09             | 0.09  |                                   |       | -7.93 | 6.32     |       | -1.62                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6195        | 242/61    | 0.09             | 0.09  |                                   |       | -8.39 | 6.32     |       | -2.07                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6415        | Full      | 0.09             | 0.09  |                                   |       | -7.66 | 6.32     |       | -1.34                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6415        | 26/8      | 0.09             | 0.09  |                                   |       | -7.74 | 6.32     |       | -1.42                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6415        | 52/40     | 0.09             | 0.09  |                                   |       | -7.93 | 6.32     |       | -1.61                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6415        | 106/54    | 0.09             | 0.09  |                                   |       | -7.80 | 6.32     |       | -1.48                        | -1.00                          | Pass       |
| HE20            | MCS0      | 2               | 6415        | 242/61    | 0.09             | 0.09  |                                   |       | -8.63 | 6.32     |       | -2.31                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | Full      | 0.04             | 0.04  |                                   |       | -7.68 | 6.32     |       | -1.37                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | 26/9      | 0.04             | 0.04  |                                   |       | -7.69 | 6.32     |       | -1.38                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | 52/41     | 0.04             | 0.04  |                                   |       | -7.98 | 6.32     |       | -1.67                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | 106/55    | 0.04             | 0.04  |                                   |       | -7.98 | 6.32     |       | -1.66                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | 242/63    | 0.04             | 0.04  |                                   |       | -7.87 | 6.32     |       | -1.56                        | -1.00                          | Pass       |
| HE40            | MCS0      | 2               | 5965        | 484/65    | 0.04             | 0.04  |                                   | -8.17 | 6.32  |          | -1.85 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | Full      | 0.04             | 0.04  |                                   | -7.44 | 6.32  |          | -1.12 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | 26/9      | 0.04             | 0.04  |                                   | -7.77 | 6.32  |          | -1.45 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | 52/41     | 0.04             | 0.04  |                                   | -7.89 | 6.32  |          | -1.57 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | 106/58    | 0.04             | 0.04  |                                   | -7.77 | 6.32  |          | -1.45 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | 242/62    | 0.04             | 0.04  |                                   | -7.58 | 6.32  |          | -1.26 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6205        | 484/65    | 0.04             | 0.04  |                                   | -7.96 | 6.32  |          | -1.64 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | Full      | 0.04             | 0.04  |                                   | -7.48 | 6.32  |          | -1.17 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | 26/27     | 0.04             | 0.04  |                                   | -7.79 | 6.32  |          | -1.47 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | 52/48     | 0.04             | 0.04  |                                   | -7.60 | 6.32  |          | -1.29 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | 106/58    | 0.04             | 0.04  |                                   | -7.68 | 6.32  |          | -1.37 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | 242/62    | 0.04             | 0.04  |                                   | -7.92 | 6.32  |          | -1.60 | -1.00                        | Pass                           |            |
| HE40            | MCS0      | 2               | 6405        | 484/65    | 0.04             | 0.04  |                                   | -8.12 | 6.32  |          | -1.80 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 5985        | Full      | 0.04             | 0.04  |                                   | -7.38 | 6.32  |          | -1.07 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 5985        | 996/67    | 0.04             | 0.04  |                                   | -8.17 | 6.32  |          | -1.85 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 6225        | Full      | 0.04             | 0.04  |                                   | -7.51 | 6.32  |          | -1.19 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 6225        | 996/67    | 0.04             | 0.04  |                                   | -8.09 | 6.32  |          | -1.78 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 6385        | Full      | 0.04             | 0.04  |                                   | -7.49 | 6.32  |          | -1.18 | -1.00                        | Pass                           |            |
| HE80            | MCS0      | 2               | 6385        | 996/67    | 0.04             | 0.04  |                                   | -8.09 | 6.32  |          | -1.77 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6025        | Full      | 0.04             | 0.04  |                                   | -7.64 | 6.32  |          | -1.32 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6025        | 1992/68   | 0.04             | 0.04  |                                   | -8.42 | 6.32  |          | -2.10 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6185        | Full      | 0.04             | 0.04  |                                   | -7.73 | 6.32  |          | -1.41 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6185        | 1992/68   | 0.04             | 0.04  |                                   | -8.81 | 6.32  |          | -2.49 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6345        | Full      | 0.04             | 0.04  |                                   | -7.60 | 6.32  |          | -1.29 | -1.00                        | Pass                           |            |
| HE160           | MCS0      | 2               | 6345        | 1992/68   | 0.04             | 0.04  |                                   | -9.01 | 6.32  |          | -2.69 | -1.00                        | Pass                           |            |

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

| Band VI MIMO |           |     |             |           |                     |       |                       |       |      |
|--------------|-----------|-----|-------------|-----------|---------------------|-------|-----------------------|-------|------|
| Mod.         | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | Note |
|              |           |     |             |           | Ant 1               | Ant 2 | Ant 1                 | Ant 2 |      |
| HE20         | MCS0      | 2   | 6435        | Full      | 19.05               | 19.00 | 21.35                 | 21.40 |      |
| HE20         | MCS0      | 2   | 6475        | Full      | 18.95               | 19.00 | 21.60                 | 21.00 |      |
| HE20         | MCS0      | 2   | 6515        | Full      | 19.00               | 19.00 | 21.30                 | 21.50 |      |
| HE40         | MCS0      | 2   | 6445        | Full      | 38.10               | 38.10 | 40.23                 | 40.59 |      |
| HE40         | MCS0      | 2   | 6485        | Full      | 38.20               | 38.10 | 40.59                 | 40.14 |      |
| HE80         | MCS0      | 2   | 6465        | Full      | 77.40               | 77.16 | 83.04                 | 83.04 |      |

| Band VI straddle channel MIMO |           |     |             |           |                     |        |                       |        |                                    |       |                                   |       |                                      |       |      |
|-------------------------------|-----------|-----|-------------|-----------|---------------------|--------|-----------------------|--------|------------------------------------|-------|-----------------------------------|-------|--------------------------------------|-------|------|
| Mod.                          | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) |        | 26 dB Bandwidth (MHz) |        | IC 99% Bandwidth Power Limit (dBm) |       | IC 99% Bandwidth EIRP Limit (dBm) |       | FCC 26dB Bandwidth Power Limit (dBm) |       | Note |
|                               |           |     |             |           | Ant 1               | Ant 2  | Ant 1                 | Ant 2  | Ant 1                              | Ant 2 | Ant 1                             | Ant 2 | Ant 1                                | Ant 2 |      |
| HE40                          | MCS0      | 2   | 6525        | Full      | 38.10               | 38.20  | 40.14                 | 40.68  |                                    |       |                                   |       |                                      |       |      |
| HE160                         | MCS0      | 2   | 6505        | Full      | 156.24              | 156.48 | 168.64                | 168.00 |                                    |       |                                   |       |                                      |       |      |

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

| FCC Band VI MIMO |           |     |             |            |                       |       |       |          |       |                  |                        |            |
|------------------|-----------|-----|-------------|------------|-----------------------|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod.             | Data Rate | NTX | Freq. (MHz) | RU Config. | Conducted Power (dBm) |       |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                  |           |     |             |            | Ant 1                 | Ant 2 | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| HE20             | MCS0      | 2   | 6435        | Full       | 0.00                  | 1.30  | 3.71  | 3.47     |       | 7.18             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6435        | 26/0       | -9.50                 | -8.10 | -5.73 | 3.47     |       | -2.26            | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6435        | 52/37      | -6.80                 | -5.50 | -3.09 | 3.47     |       | 0.38             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6435        | 106/53     | -3.60                 | -2.30 | 0.11  | 3.47     |       | 3.58             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6435        | 242/61     | -0.10                 | 1.20  | 3.61  | 3.47     |       | 7.08             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6475        | Full       | 0.00                  | 1.10  | 3.60  | 3.47     |       | 7.07             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6475        | 26/4       | -6.40                 | -6.40 | -3.39 | 3.47     |       | 0.08             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6475        | 52/39      | -6.40                 | -5.20 | -2.75 | 3.47     |       | 0.72             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6475        | 106/54     | -3.70                 | -2.90 | -0.27 | 3.47     |       | 3.20             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6475        | 242/61     | -0.10                 | 0.80  | 3.38  | 3.47     |       | 6.85             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6515        | Full       | 0.10                  | 0.30  | 3.21  | 3.47     |       | 6.68             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6515        | 26/8       | -5.40                 | -6.00 | -2.68 | 3.47     |       | 0.79             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6515        | 52/40      | -6.30                 | -6.40 | -3.34 | 3.47     |       | 0.13             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6515        | 106/54     | -3.30                 | -3.30 | -0.29 | 3.47     |       | 3.18             | 24.00                  | Pass       |
| HE20             | MCS0      | 2   | 6515        | 242/61     | 0.00                  | 0.20  | 3.11  | 3.47     |       | 6.58             | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | Full       | 4.40                  | 4.40  | 7.41  | 3.47     |       | 10.88            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | 26/9       | -10.00                | -8.60 | -6.23 | 3.47     |       | -2.76            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | 52/41      | -6.70                 | -5.40 | -2.99 | 3.47     |       | 0.48             | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | 106/55     | -3.10                 | -1.90 | 0.55  | 3.47     |       | 4.02             | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | 242/63     | 4.30                  | 4.30  | 7.31  | 3.47     |       | 10.78            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6445        | 484/65     | 4.30                  | 4.30  | 7.31  | 3.47     |       | 10.78            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | Full       | 4.40                  | 3.90  | 7.17  | 3.47     |       | 10.64            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | 26/9       | -10.10                | -8.90 | -6.45 | 3.47     |       | -2.98            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | 52/41      | -6.80                 | -5.60 | -3.15 | 3.47     |       | 0.32             | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | 106/58     | -3.50                 | -2.10 | 0.27  | 3.47     |       | 3.74             | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | 242/62     | 4.30                  | 3.80  | 7.07  | 3.47     |       | 10.54            | 24.00                  | Pass       |
| HE40             | MCS0      | 2   | 6485        | 484/65     | 4.30                  | 3.80  | 7.07  | 3.47     |       | 10.54            | 24.00                  | Pass       |
| HE80             | MCS0      | 2   | 6465        | Full       | 7.20                  | 7.00  | 10.11 | 3.47     |       | 13.58            | 24.00                  | Pass       |
| HE80             | MCS0      | 2   | 6465        | 484/65     | 7.00                  | 6.80  | 9.91  | 3.47     |       | 13.38            | 24.00                  | Pass       |

| FCC Band VI straddle channel MIMO |           |     |             |            |                       |        |       |          |       |                  |                        |            |
|-----------------------------------|-----------|-----|-------------|------------|-----------------------|--------|-------|----------|-------|------------------|------------------------|------------|
| Mod.                              | Data Rate | NTX | Freq. (MHz) | RU Config. | Conducted Power (dBm) |        |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                                   |           |     |             |            | Ant 1                 | Ant 2  | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| HE40                              | MCS0      | 2   | 6525        | Full       | 4.40                  | 3.20   | 6.85  | 3.47     |       | 10.32            | 24.00                  | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 26/27      | -9.10                 | -9.60  | 2.70  | 3.47     |       | 6.17             | 24.00                  | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 52/48      | -6.50                 | -6.90  | 2.70  | 3.47     |       | 6.17             | 24.00                  | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 106/58     | -3.10                 | -3.60  | 2.70  | 3.47     |       | 6.17             | 24.00                  | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 242/62     | 2.70                  | 2.40   | 5.56  | 3.47     |       | 9.03             | 24.00                  | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 484/65     | -11.10                | -10.30 | -7.67 | 3.47     |       | -4.20            | 24.00                  | Pass       |
| HE160                             | MCS0      | 2   | 6505        | Full       | 9.60                  | 8.90   | 12.27 | 3.47     |       | 15.74            | 24.00                  | Pass       |
| HE160                             | MCS0      | 2   | 6505        | 1992/68    | 9.50                  | 8.80   | 12.17 | 3.47     |       | 15.64            | 24.00                  | Pass       |

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

| Band VI 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| HE20         | MCS0      | 2   | 6435        | Full       | 0.09             | 0.09  |                                   | -7.21 | 6.03  | -1.18    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6435        | 26/0       | 0.09             | 0.09  |                                   | -7.23 | 6.03  | -1.20    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6435        | 52/37      | 0.09             | 0.09  |                                   | -7.58 | 6.03  | -1.55    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6435        | 106/53     | 0.09             | 0.09  |                                   | -7.43 | 6.03  | -1.40    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6435        | 242/61     | 0.09             | 0.09  |                                   | -7.84 | 6.03  | -1.82    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6475        | Full       | 0.09             | 0.09  |                                   | -7.29 | 6.03  | -1.26    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6475        | 26/4       | 0.09             | 0.09  |                                   | -7.79 | 6.03  | -1.76    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6475        | 52/39      | 0.09             | 0.09  |                                   | -7.71 | 6.03  | -1.68    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6475        | 106/54     | 0.09             | 0.09  |                                   | -7.68 | 6.03  | -1.65    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6475        | 242/61     | 0.09             | 0.09  |                                   | -8.23 | 6.03  | -2.20    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6515        | Full       | 0.09             | 0.09  |                                   | -7.13 | 6.03  | -1.10    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6515        | 26/8       | 0.09             | 0.09  |                                   | -7.14 | 6.03  | -1.12    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6515        | 52/40      | 0.09             | 0.09  |                                   | -7.26 | 6.03  | -1.23    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6515        | 106/54     | 0.09             | 0.09  |                                   | -7.22 | 6.03  | -1.19    | -1.00 | Pass                         |                                |            |
| HE20         | MCS0      | 2   | 6515        | 242/61     | 0.09             | 0.09  |                                   | -7.74 | 6.03  | -1.71    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | Full       | 0.04             | 0.04  |                                   | -7.06 | 6.03  | -1.03    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | 26/9       | 0.04             | 0.04  |                                   | -7.33 | 6.03  | -1.31    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | 52/41      | 0.04             | 0.04  |                                   | -7.42 | 6.03  | -1.40    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | 106/55     | 0.04             | 0.04  |                                   | -7.12 | 6.03  | -1.09    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | 242/63     | 0.04             | 0.04  |                                   | -7.18 | 6.03  | -1.15    | -1.00 | Pass                         |                                |            |
| HE40         | MCS0      | 2   | 6445        | 484/65     | 0.04             | 0.04  | -7.33                             | 6.03  | -1.30 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | Full       | 0.04             | 0.04  | -7.11                             | 6.03  | -1.09 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | 26/9       | 0.04             | 0.04  | -7.28                             | 6.03  | -1.25 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | 52/41      | 0.04             | 0.04  | -7.25                             | 6.03  | -1.22 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | 106/58     | 0.04             | 0.04  | -7.45                             | 6.03  | -1.43 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | 242/62     | 0.04             | 0.04  | -7.27                             | 6.03  | -1.24 | -1.00    | Pass  |                              |                                |            |
| HE40         | MCS0      | 2   | 6485        | 484/65     | 0.04             | 0.04  | -7.16                             | 6.03  | -1.13 | -1.00    | Pass  |                              |                                |            |
| HE80         | MCS0      | 2   | 6465        | Full       | 0.04             | 0.04  | -7.29                             | 6.03  | -1.26 | -1.00    | Pass  |                              |                                |            |
| HE80         | MCS0      | 2   | 6465        | 484/65     | 0.04             | 0.04  | -7.64                             | 6.03  | -1.61 | -1.00    | Pass  |                              |                                |            |

| FCC Band VI straddle channel 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| HE40                              | MCS0      | 2   | 6525        | Full       | 0.04             | 0.04  |                                   |       | -7.23 | 6.03     |       | -1.20                        | -1.00                          | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 26/27      | 0.04             | 0.04  |                                   |       | -7.34 | 6.03     |       | -1.32                        | -1.00                          | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 52/48      | 0.04             | 0.04  |                                   |       | -7.64 | 6.03     |       | -1.61                        | -1.00                          | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 106/58     | 0.04             | 0.04  |                                   |       | -7.60 | 6.03     |       | -1.57                        | -1.00                          | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 242/62     | 0.04             | 0.04  |                                   |       | -7.76 | 6.03     |       | -1.74                        | -1.00                          | Pass       |
| HE40                              | MCS0      | 2   | 6525        | 484/65     | 0.04             | 0.04  |                                   |       | -8.67 | 6.03     |       | -2.64                        | -1.00                          | Pass       |
| HE160                             | MCS0      | 2   | 6505        | Full       | 0.04             | 0.04  |                                   |       | -7.32 | 6.03     |       | -1.29                        | -1.00                          | Pass       |
| HE160                             | MCS0      | 2   | 6505        | 1992/68    | 0.04             | 0.04  |                                   |       | -8.76 | 6.03     |       | -2.73                        | -1.00                          | Pass       |

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

| Band VII MIMO |           |     |             |            |                     |        |                       |        |      |
|---------------|-----------|-----|-------------|------------|---------------------|--------|-----------------------|--------|------|
| Mod.          | Data Rate | NTX | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) |        | 26 dB Bandwidth (MHz) |        | Note |
|               |           |     |             |            | Ant 1               | Ant 2  | Ant 1                 | Ant 2  |      |
| HE20          | MCS0      | 2   | 6535        | Full       | 19.00               | 19.00  | 21.20                 | 21.35  |      |
| HE20          | MCS0      | 2   | 6695        | Full       | 19.00               | 18.95  | 21.45                 | 21.20  |      |
| HE20          | MCS0      | 2   | 6855        | Full       | 19.05               | 19.00  | 21.50                 | 21.50  |      |
| HE40          | MCS0      | 2   | 6565        | Full       | 38.20               | 38.10  | 40.68                 | 40.41  |      |
| HE40          | MCS0      | 2   | 6685        | Full       | 38.20               | 38.20  | 40.50                 | 40.14  |      |
| HE40          | MCS0      | 2   | 6845        | Full       | 38.20               | 38.20  | 40.95                 | 40.23  |      |
| HE80          | MCS0      | 2   | 6625        | Full       | 77.16               | 77.52  | 82.56                 | 82.88  |      |
| HE80          | MCS0      | 2   | 6705        | Full       | 77.16               | 77.28  | 83.52                 | 83.04  |      |
| HE80          | MCS0      | 2   | 6785        | Full       | 77.52               | 77.52  | 84.16                 | 83.20  |      |
| HE160         | MCS0      | 2   | 6665        | Full       | 156.24              | 156.48 | 168.32                | 169.60 |      |
| HE160         | MCS0      | 2   | 6825        | Full       | 156.24              | 155.76 | 168.96                | 167.68 |      |

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

| FCC Band VII MIMO |           |     |             |            |                       |        |       |          |       |                  |                        |            |
|-------------------|-----------|-----|-------------|------------|-----------------------|--------|-------|----------|-------|------------------|------------------------|------------|
| Mod.              | Data Rate | NTX | Freq. (MHz) | RU Config. | Conducted Power (dBm) |        |       | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                   |           |     |             |            | Ant 1                 | Ant 2  | SUM   | Ant 1    | Ant 2 |                  |                        |            |
| HE20              | MCS0      | 2   | 6535        | Full       | 0.50                  | 1.10   | 3.82  | 3.71     |       | 7.53             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6535        | 26/0       | -10.00                | -9.40  | -6.68 | 3.71     |       | -2.97            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6535        | 52/37      | -7.60                 | -6.80  | -4.17 | 3.71     |       | -0.46            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6535        | 106/53     | -4.00                 | -3.60  | -0.79 | 3.71     |       | 2.92             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6535        | 242/61     | 0.00                  | 0.50   | 3.27  | 3.71     |       | 6.98             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6695        | Full       | -1.40                 | 0.00   | 2.37  | 3.71     |       | 6.08             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6695        | 26/4       | -10.20                | -8.90  | -6.49 | 3.71     |       | -2.78            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6695        | 52/38      | -8.70                 | -7.40  | -4.99 | 3.71     |       | -1.28            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6695        | 106/53     | -5.50                 | -4.20  | -1.79 | 3.71     |       | 1.92             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6695        | 242/61     | -1.50                 | -0.10  | 2.27  | 3.71     |       | 5.98             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6855        | Full       | -1.50                 | 0.30   | 2.50  | 3.71     |       | 6.21             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6855        | 26/8       | -11.10                | -9.70  | -7.33 | 3.71     |       | -3.62            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6855        | 52/40      | -8.10                 | -6.70  | -4.33 | 3.71     |       | -0.62            | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6855        | 106/54     | -5.10                 | -3.70  | -1.33 | 3.71     |       | 2.38             | 24.00                  | Pass       |
| HE20              | MCS0      | 2   | 6855        | 242/61     | -1.60                 | 0.00   | 2.28  | 3.71     |       | 5.99             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | Full       | 2.50                  | 3.00   | 5.77  | 3.71     |       | 9.48             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | 26/9       | -11.10                | -10.30 | -7.67 | 3.71     |       | -3.96            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | 52/41      | -8.00                 | -6.90  | -4.40 | 3.71     |       | -0.69            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | 106/55     | -4.70                 | -4.00  | -1.33 | 3.71     |       | 2.38             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | 242/63     | 2.40                  | 2.90   | 5.67  | 3.71     |       | 9.38             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6565        | 484/65     | 2.40                  | 2.90   | 5.67  | 3.71     |       | 9.38             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | Full       | 3.40                  | 3.20   | 6.31  | 3.71     |       | 10.02            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | 26/9       | -11.40                | -10.10 | -7.69 | 3.71     |       | -3.98            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | 52/41      | -7.30                 | -6.80  | -4.03 | 3.71     |       | -0.32            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | 106/58     | -4.90                 | -3.70  | -1.25 | 3.71     |       | 2.46             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | 242/62     | 2.40                  | 3.10   | 5.77  | 3.71     |       | 9.48             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6685        | 484/65     | 2.40                  | 3.10   | 5.77  | 3.71     |       | 9.48             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | Full       | 2.40                  | 2.80   | 5.61  | 3.71     |       | 9.32             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | 26/27      | -10.90                | -10.20 | -7.53 | 3.71     |       | -3.82            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | 52/48      | -7.60                 | -6.90  | -4.23 | 3.71     |       | -0.52            | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | 106/58     | -4.30                 | -3.80  | -1.03 | 3.71     |       | 2.68             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | 242/62     | 2.30                  | 2.70   | 5.51  | 3.71     |       | 9.22             | 24.00                  | Pass       |
| HE40              | MCS0      | 2   | 6845        | 484/65     | 2.30                  | 2.70   | 5.51  | 3.71     |       | 9.22             | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6625        | Full       | 6.60                  | 6.00   | 9.32  | 3.71     |       | 13.03            | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6625        | 996/67     | 6.50                  | 5.80   | 9.17  | 3.71     |       | 12.88            | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6705        | Full       | 6.00                  | 6.10   | 9.06  | 3.71     |       | 12.77            | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6705        | 996/67     | 5.90                  | 6.00   | 8.96  | 3.71     |       | 12.67            | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6785        | Full       | 6.20                  | 6.50   | 9.36  | 3.71     |       | 13.07            | 24.00                  | Pass       |
| HE80              | MCS0      | 2   | 6785        | 996/67     | 6.00                  | 6.20   | 9.11  | 3.71     |       | 12.82            | 24.00                  | Pass       |
| HE160             | MCS0      | 2   | 6665        | Full       | 8.50                  | 8.70   | 11.61 | 3.71     |       | 15.32            | 24.00                  | Pass       |
| HE160             | MCS0      | 2   | 6665        | 1992/68    | 8.40                  | 8.60   | 11.51 | 3.71     |       | 15.22            | 24.00                  | Pass       |
| HE160             | MCS0      | 2   | 6825        | Full       | 8.40                  | 8.70   | 11.56 | 3.71     |       | 15.27            | 24.00                  | Pass       |
| HE160             | MCS0      | 2   | 6825        | 1992/68    | 8.30                  | 8.60   | 11.46 | 3.71     |       | 15.17            | 24.00                  | Pass       |

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

| FCC Band VII 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM   | Ant 1    | Ant 2 | SUM                          |                                |            |
| HE20              | MCS0      | 2   | 6535        | Full       | 0.09             | 0.09  |                                   | -7.66 | 6.58  | -1.08    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6535        | 26/0       | 0.09             | 0.09  |                                   | -7.86 | 6.58  | -1.28    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6535        | 52/37      | 0.09             | 0.09  |                                   | -8.00 | 6.58  | -1.42    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6535        | 106/53     | 0.09             | 0.09  |                                   | -7.83 | 6.58  | -1.25    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6535        | 242/61     | 0.09             | 0.09  |                                   | -7.79 | 6.58  | -1.21    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6695        | Full       | 0.09             | 0.09  |                                   | -7.81 | 6.58  | -1.23    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6695        | 26/4       | 0.09             | 0.09  |                                   | -7.92 | 6.58  | -1.35    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6695        | 52/38      | 0.09             | 0.09  |                                   | -8.06 | 6.58  | -1.49    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6695        | 106/53     | 0.09             | 0.09  |                                   | -8.35 | 6.58  | -1.77    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6695        | 242/61     | 0.09             | 0.09  |                                   | -8.29 | 6.58  | -1.72    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6855        | Full       | 0.09             | 0.09  |                                   | -7.81 | 6.58  | -1.24    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6855        | 26/8       | 0.09             | 0.09  |                                   | -7.91 | 6.58  | -1.33    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6855        | 52/40      | 0.09             | 0.09  |                                   | -7.98 | 6.58  | -1.40    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6855        | 106/54     | 0.09             | 0.09  |                                   | -8.21 | 6.58  | -1.63    | -1.00 | Pass                         |                                |            |
| HE20              | MCS0      | 2   | 6855        | 242/61     | 0.09             | 0.09  |                                   | -8.60 | 6.58  | -2.02    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | Full       | 0.04             | 0.04  |                                   | -8.15 | 6.58  | -1.58    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | 26/9       | 0.04             | 0.04  |                                   | -8.34 | 6.58  | -1.77    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | 52/41      | 0.04             | 0.04  |                                   | -8.31 | 6.58  | -1.73    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | 106/55     | 0.04             | 0.04  |                                   | -8.39 | 6.58  | -1.81    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | 242/63     | 0.04             | 0.04  |                                   | -8.28 | 6.58  | -1.71    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6565        | 484/65     | 0.04             | 0.04  |                                   | -8.19 | 6.58  | -1.61    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | Full       | 0.04             | 0.04  |                                   | -7.60 | 6.58  | -1.02    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | 26/9       | 0.04             | 0.04  |                                   | -8.07 | 6.58  | -1.49    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | 52/41      | 0.04             | 0.04  |                                   | -7.85 | 6.58  | -1.27    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | 106/58     | 0.04             | 0.04  |                                   | -7.94 | 6.58  | -1.36    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | 242/62     | 0.04             | 0.04  |                                   | -8.00 | 6.58  | -1.42    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6685        | 484/65     | 0.04             | 0.04  |                                   | -7.74 | 6.58  | -1.16    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | Full       | 0.04             | 0.04  |                                   | -7.98 | 6.58  | -1.40    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | 26/27      | 0.04             | 0.04  |                                   | -8.17 | 6.58  | -1.59    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | 52/48      | 0.04             | 0.04  |                                   | -8.05 | 6.58  | -1.47    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | 106/58     | 0.04             | 0.04  |                                   | -8.06 | 6.58  | -1.49    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | 242/62     | 0.04             | 0.04  |                                   | -8.20 | 6.58  | -1.62    | -1.00 | Pass                         |                                |            |
| HE40              | MCS0      | 2   | 6845        | 484/65     | 0.04             | 0.04  | -8.17                             | 6.58  | -1.59 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6625        | Full       | 0.04             | 0.04  | -7.75                             | 6.58  | -1.17 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6625        | 996/67     | 0.04             | 0.04  | -8.64                             | 6.58  | -2.06 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6705        | Full       | 0.04             | 0.04  | -7.65                             | 6.58  | -1.07 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6705        | 996/67     | 0.04             | 0.04  | -8.25                             | 6.58  | -1.67 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6785        | Full       | 0.04             | 0.04  | -7.75                             | 6.58  | -1.17 | -1.00    | Pass  |                              |                                |            |
| HE80              | MCS0      | 2   | 6785        | 996/67     | 0.04             | 0.04  | -8.06                             | 6.58  | -1.48 | -1.00    | Pass  |                              |                                |            |
| HE160             | MCS0      | 2   | 6665        | Full       | 0.04             | 0.04  | -7.66                             | 6.58  | -1.08 | -1.00    | Pass  |                              |                                |            |
| HE160             | MCS0      | 2   | 6665        | 1992/68    | 0.04             | 0.04  | -9.13                             | 6.58  | -2.55 | -1.00    | Pass  |                              |                                |            |
| HE160             | MCS0      | 2   | 6825        | Full       | 0.04             | 0.04  | -7.68                             | 6.58  | -1.10 | -1.00    | Pass  |                              |                                |            |
| HE160             | MCS0      | 2   | 6825        | 1992/68    | 0.04             | 0.04  | -8.93                             | 6.58  | -2.35 | -1.00    | Pass  |                              |                                |            |

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

| Band VIII MIMO |           |     |             |            |                     |        |                       |        |      |
|----------------|-----------|-----|-------------|------------|---------------------|--------|-----------------------|--------|------|
| Mod.           | Data Rate | NTX | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) |        | 26 dB Bandwidth (MHz) |        | Note |
|                |           |     |             |            | Ant 1               | Ant 2  | Ant 1                 | Ant 2  |      |
| HE20           | MCS0      | 2   | 6895        | Full       | 19.00               | 19.00  | 21.35                 | 21.55  |      |
| HE20           | MCS0      | 2   | 6995        | Full       | 19.00               | 19.00  | 21.70                 | 21.40  |      |
| HE20           | MCS0      | 2   | 7115        | Full       | 31.85               | 29.05  | 21.50                 | 21.20  |      |
| HE40           | MCS0      | 2   | 6925        | Full       | 38.10               | 38.20  | 40.59                 | 40.77  |      |
| HE40           | MCS0      | 2   | 7005        | Full       | 38.00               | 38.10  | 40.59                 | 40.41  |      |
| HE40           | MCS0      | 2   | 7085        | Full       | 38.30               | 38.20  | 40.68                 | 43.47  |      |
| HE80           | MCS0      | 2   | 6945        | Full       | 77.28               | 77.52  | 83.20                 | 83.20  |      |
| HE80           | MCS0      | 2   | 7025        | Full       | 77.40               | 77.40  | 83.04                 | 83.20  |      |
| HE160          | MCS0      | 2   | 6985        | Full       | 156.72              | 157.20 | 169.28                | 168.32 |      |

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

| Band VIII MIMO |           |     |             |            |                       |        |        |          |       |                  |                        |            |
|----------------|-----------|-----|-------------|------------|-----------------------|--------|--------|----------|-------|------------------|------------------------|------------|
| Mod.           | Data Rate | NTX | Freq. (MHz) | RU Config. | Conducted Power (dBm) |        |        | DG (dBi) |       | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|                |           |     |             |            | Ant 1                 | Ant 2  | SUM    | Ant 1    | Ant 2 | SUM              |                        |            |
| HE20           | MCS0      | 2   | 6895        | Full       | -0.40                 | 0.20   | 2.92   | 3.71     |       | 6.63             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6895        | 26/0       | -10.10                | -9.60  | -6.83  | 3.71     |       | -3.12            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6895        | 52/37      | -7.80                 | -7.10  | -4.43  | 3.71     |       | -0.72            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6895        | 106/53     | -4.50                 | -3.90  | -1.18  | 3.71     |       | 2.53             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6895        | 242/61     | -0.50                 | 0.10   | 2.82   | 3.71     |       | 6.53             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6995        | Full       | -1.20                 | -0.10  | 2.40   | 3.71     |       | 6.11             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6995        | 26/4       | -9.90                 | -9.60  | -6.74  | 3.71     |       | -3.03            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6995        | 52/38      | -8.60                 | -7.50  | -5.00  | 3.71     |       | -1.29            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6995        | 106/53     | -5.40                 | -4.00  | -1.63  | 3.71     |       | 2.08             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 6995        | 242/61     | -1.30                 | -0.20  | 2.30   | 3.71     |       | 6.01             | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 7115        | Full       | -10.60                | -10.40 | -7.49  | 3.71     |       | -3.78            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 7115        | 26/8       | -19.90                | -19.70 | -16.79 | 3.71     |       | -13.08           | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 7115        | 52/40      | -17.20                | -16.90 | -14.04 | 3.71     |       | -10.33           | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 7115        | 106/54     | -14.40                | -13.90 | -11.13 | 3.71     |       | -7.42            | 24.00                  | Pass       |
| HE20           | MCS0      | 2   | 7115        | 242/61     | -10.70                | -10.50 | -7.59  | 3.71     |       | -3.88            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | Full       | 3.60                  | 2.60   | 6.14   | 3.71     |       | 9.85             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | 26/9       | -9.80                 | -10.00 | -6.89  | 3.71     |       | -3.18            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | 52/41      | -7.10                 | -7.30  | -4.19  | 3.71     |       | -0.48            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | 106/55     | -4.00                 | -4.40  | -1.19  | 3.71     |       | 2.52             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | 242/63     | 2.20                  | 2.10   | 5.16   | 3.71     |       | 8.87             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 6925        | 484/65     | 2.20                  | 2.10   | 5.16   | 3.71     |       | 8.87             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | Full       | 3.20                  | 2.50   | 5.87   | 3.71     |       | 9.58             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | 26/9       | -10.60                | -10.00 | -7.28  | 3.71     |       | -3.57            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | 52/41      | -8.00                 | -7.40  | -4.68  | 3.71     |       | -0.97            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | 106/58     | -5.00                 | -3.90  | -1.40  | 3.71     |       | 2.31             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | 242/62     | 1.70                  | 2.40   | 5.07   | 3.71     |       | 8.78             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7005        | 484/65     | 1.70                  | 2.40   | 5.07   | 3.71     |       | 8.78             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | Full       | 1.60                  | 1.50   | 4.56   | 3.71     |       | 8.27             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | 26/27      | -11.00                | -11.00 | -7.99  | 3.71     |       | -4.28            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | 52/48      | -8.00                 | -8.00  | -4.99  | 3.71     |       | -1.28            | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | 106/58     | -5.20                 | -5.30  | -2.24  | 3.71     |       | 1.47             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | 242/62     | 1.50                  | 1.40   | 4.46   | 3.71     |       | 8.17             | 24.00                  | Pass       |
| HE40           | MCS0      | 2   | 7085        | 484/65     | 1.50                  | 1.40   | 4.46   | 3.71     |       | 8.17             | 24.00                  | Pass       |
| HE80           | MCS0      | 2   | 6945        | Full       | 6.70                  | 5.80   | 9.28   | 3.71     |       | 12.99            | 24.00                  | Pass       |
| HE80           | MCS0      | 2   | 6945        | 996/67     | 6.50                  | 5.60   | 9.08   | 3.71     |       | 12.79            | 24.00                  | Pass       |
| HE80           | MCS0      | 2   | 7025        | Full       | 6.70                  | 5.90   | 9.33   | 3.71     |       | 13.04            | 24.00                  | Pass       |
| HE80           | MCS0      | 2   | 7025        | 996/67     | 6.50                  | 5.70   | 9.13   | 3.71     |       | 12.84            | 24.00                  | Pass       |
| HE160          | MCS0      | 2   | 6985        | Full       | 8.30                  | 8.50   | 11.41  | 3.71     |       | 15.12            | 24.00                  | Pass       |
| HE160          | MCS0      | 2   | 6985        | 1992/68    | 8.20                  | 8.40   | 11.31  | 3.71     |       | 15.02            | 24.00                  | Pass       |

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

| FCC Band VIII 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 1            | Ant 2 | Ant 1                             | Ant 2 | SUM    | Ant 1    | Ant 2 | SUM                          |                                |            |
| HE20               | MCS0      | 2   | 6895        | Full       | 0.09             | 0.09  |                                   |       | -7.71  | 6.58     |       | -1.14                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6895        | 26/0       | 0.09             | 0.09  |                                   |       | -7.90  | 6.58     |       | -1.32                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6895        | 52/37      | 0.09             | 0.09  |                                   |       | -8.14  | 6.58     |       | -1.56                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6895        | 106/53     | 0.09             | 0.09  |                                   |       | -7.91  | 6.58     |       | -1.34                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6895        | 242/61     | 0.09             | 0.09  |                                   |       | -8.20  | 6.58     |       | -1.62                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6995        | Full       | 0.09             | 0.09  |                                   |       | -8.14  | 6.58     |       | -1.56                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6995        | 26/4       | 0.09             | 0.09  |                                   |       | -8.61  | 6.58     |       | -2.03                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6995        | 52/38      | 0.09             | 0.09  |                                   |       | -8.52  | 6.58     |       | -1.95                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6995        | 106/53     | 0.09             | 0.09  |                                   |       | -8.54  | 6.58     |       | -1.96                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 6995        | 242/61     | 0.09             | 0.09  |                                   |       | -8.37  | 6.58     |       | -1.80                        | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 7115        | Full       | 0.09             | 0.09  |                                   |       | -16.83 | 6.58     |       | -10.25                       | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 7115        | 26/8       | 0.09             | 0.09  |                                   |       | -17.27 | 6.58     |       | -10.70                       | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 7115        | 52/40      | 0.09             | 0.09  |                                   |       | -16.98 | 6.58     |       | -10.40                       | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 7115        | 106/54     | 0.09             | 0.09  |                                   |       | -17.17 | 6.58     |       | -10.59                       | -1.00                          | Pass       |
| HE20               | MCS0      | 2   | 7115        | 242/61     | 0.09             | 0.09  |                                   |       | -18.21 | 6.58     |       | -11.64                       | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | Full       | 0.04             | 0.04  |                                   |       | -7.72  | 6.58     |       | -1.14                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | 26/9       | 0.04             | 0.04  |                                   |       | -7.91  | 6.58     |       | -1.34                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | 52/41      | 0.04             | 0.04  |                                   |       | -7.90  | 6.58     |       | -1.32                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | 106/55     | 0.04             | 0.04  |                                   |       | -8.18  | 6.58     |       | -1.60                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | 242/63     | 0.04             | 0.04  |                                   |       | -8.04  | 6.58     |       | -1.46                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 6925        | 484/65     | 0.04             | 0.04  |                                   |       | -8.89  | 6.58     |       | -2.31                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | Full       | 0.04             | 0.04  |                                   |       | -7.98  | 6.58     |       | -1.40                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | 26/9       | 0.04             | 0.04  |                                   |       | -8.16  | 6.58     |       | -1.59                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | 52/41      | 0.04             | 0.04  |                                   |       | -8.40  | 6.58     |       | -1.82                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | 106/58     | 0.04             | 0.04  |                                   |       | -8.31  | 6.58     |       | -1.74                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | 242/62     | 0.04             | 0.04  |                                   |       | -8.31  | 6.58     |       | -1.73                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7005        | 484/65     | 0.04             | 0.04  |                                   |       | -8.57  | 6.58     |       | -1.99                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | Full       | 0.04             | 0.04  |                                   |       | -8.73  | 6.58     |       | -2.16                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | 26/27      | 0.04             | 0.04  |                                   |       | -8.99  | 6.58     |       | -2.41                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | 52/48      | 0.04             | 0.04  |                                   |       | -8.90  | 6.58     |       | -2.32                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | 106/58     | 0.04             | 0.04  |                                   |       | -9.04  | 6.58     |       | -2.46                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | 242/62     | 0.04             | 0.04  |                                   |       | -9.21  | 6.58     |       | -2.63                        | -1.00                          | Pass       |
| HE40               | MCS0      | 2   | 7085        | 484/65     | 0.04             | 0.04  |                                   |       | -8.86  | 6.58     |       | -2.28                        | -1.00                          | Pass       |
| HE80               | MCS0      | 2   | 6945        | Full       | 0.04             | 0.04  |                                   |       | -7.59  | 6.58     |       | -1.02                        | -1.00                          | Pass       |
| HE80               | MCS0      | 2   | 6945        | 996/67     | 0.04             | 0.04  |                                   |       | -8.38  | 6.58     |       | -1.80                        | -1.00                          | Pass       |
| HE80               | MCS0      | 2   | 7025        | Full       | 0.04             | 0.04  |                                   |       | -7.65  | 6.58     |       | -1.07                        | -1.00                          | Pass       |
| HE80               | MCS0      | 2   | 7025        | 996/67     | 0.04             | 0.04  |                                   |       | -8.30  | 6.58     |       | -1.72                        | -1.00                          | Pass       |
| HE160              | MCS0      | 2   | 6985        | Full       | 0.04             | 0.04  |                                   |       | -7.62  | 6.58     |       | -1.04                        | -1.00                          | Pass       |
| HE160              | MCS0      | 2   | 6985        | 1992/66    | 0.04             | 0.04  |                                   |       | -9.13  | 6.58     |       | -2.56                        | -1.00                          | Pass       |



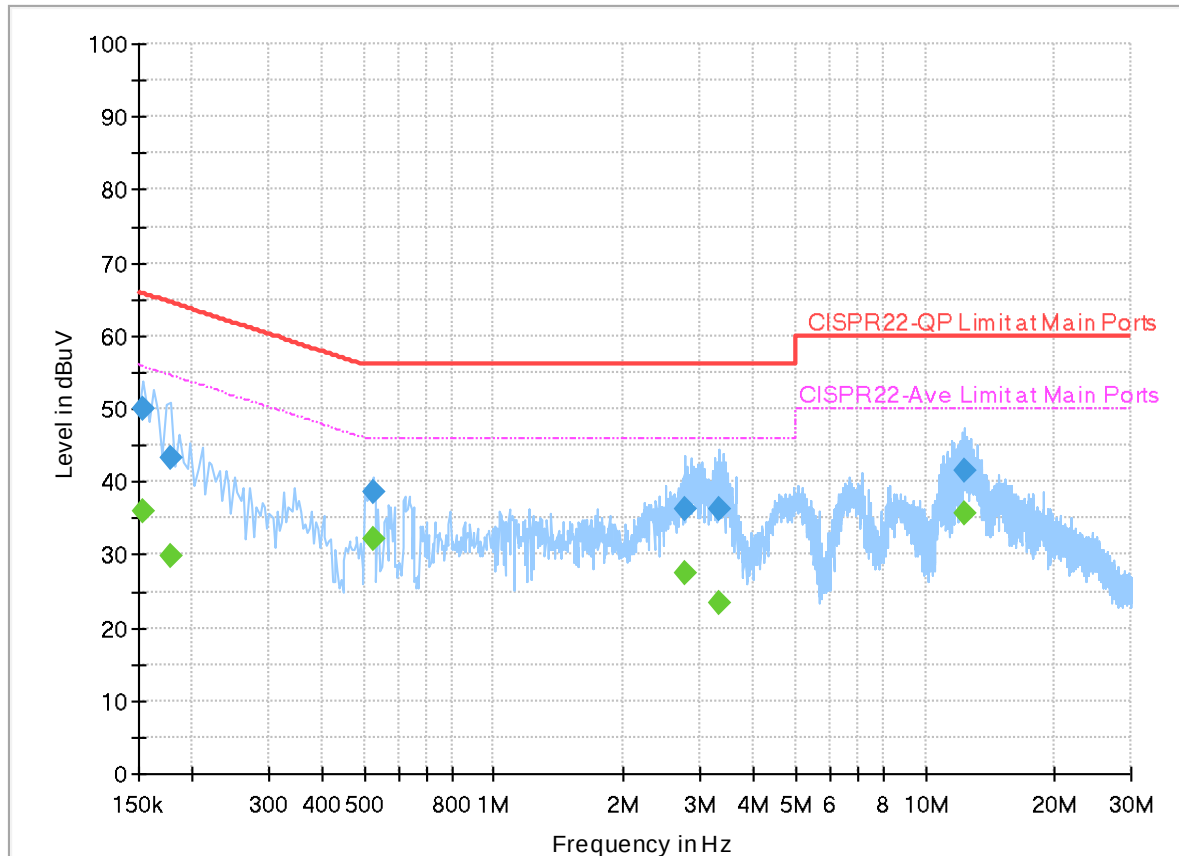
## **Appendix B. AC Conducted Emission Test Results**

|                        |             |                            |         |
|------------------------|-------------|----------------------------|---------|
| <b>Test Engineer :</b> | Calvin Wang | <b>Temperature :</b>       | 23~26°C |
|                        |             | <b>Relative Humidity :</b> | 45~55%  |

## EUT Information

Report NO : 1D1645-01  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



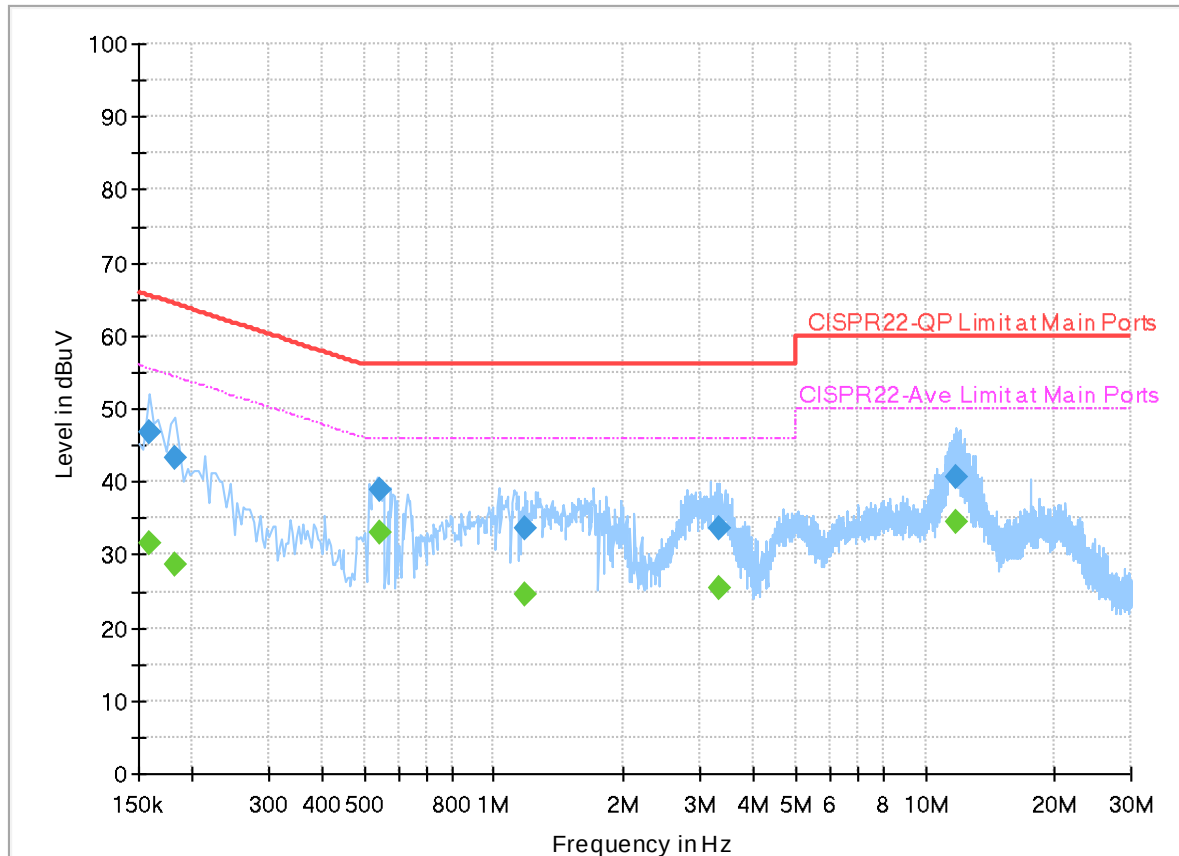
## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.154000        | ---              | 35.98           | 55.78        | 19.80       | L1   | OFF    | 20.1       |
| 0.154000        | 50.03            | ---             | 65.78        | 15.75       | L1   | OFF    | 20.1       |
| 0.178000        | ---              | 29.88           | 54.58        | 24.70       | L1   | OFF    | 20.0       |
| 0.178000        | 43.20            | ---             | 64.58        | 21.38       | L1   | OFF    | 20.0       |
| 0.526000        | ---              | 32.25           | 46.00        | 13.75       | L1   | OFF    | 20.0       |
| 0.526000        | 38.61            | ---             | 56.00        | 17.39       | L1   | OFF    | 20.0       |
| 2.766000        | ---              | 27.59           | 46.00        | 18.41       | L1   | OFF    | 20.1       |
| 2.766000        | 36.23            | ---             | 56.00        | 19.77       | L1   | OFF    | 20.1       |
| 3.342000        | ---              | 23.37           | 46.00        | 22.63       | L1   | OFF    | 20.1       |
| 3.342000        | 36.35            | ---             | 56.00        | 19.65       | L1   | OFF    | 20.1       |
| 12.310000       | ---              | 35.77           | 50.00        | 14.23       | L1   | OFF    | 20.3       |
| 12.310000       | 41.62            | ---             | 60.00        | 18.38       | L1   | OFF    | 20.3       |

## EUT Information

Report NO : 1D1645-01  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Neutral

Full Spectrum



## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.158000        | ---              | 31.72           | 55.57        | 23.85       | N    | OFF    | 20.1       |
| 0.158000        | 46.72            | ---             | 65.57        | 18.85       | N    | OFF    | 20.1       |
| 0.182000        | ---              | 28.55           | 54.39        | 25.84       | N    | OFF    | 20.1       |
| 0.182000        | 43.13            | ---             | 64.39        | 21.26       | N    | OFF    | 20.1       |
| 0.546000        | ---              | 32.96           | 46.00        | 13.04       | N    | OFF    | 20.0       |
| 0.546000        | 38.87            | ---             | 56.00        | 17.13       | N    | OFF    | 20.0       |
| 1.182000        | ---              | 24.42           | 46.00        | 21.58       | N    | OFF    | 20.1       |
| 1.182000        | 33.60            | ---             | 56.00        | 22.40       | N    | OFF    | 20.1       |
| 3.314000        | ---              | 25.38           | 46.00        | 20.62       | N    | OFF    | 20.1       |
| 3.314000        | 33.76            | ---             | 56.00        | 22.24       | N    | OFF    | 20.1       |
| 11.834000       | ---              | 34.48           | 50.00        | 15.52       | N    | OFF    | 20.2       |
| 11.834000       | 40.52            | ---             | 60.00        | 19.48       | N    | OFF    | 20.2       |



## Appendix C. Radiated Spurious Emission

|                        |                                              |                            |         |
|------------------------|----------------------------------------------|----------------------------|---------|
| <b>Test Engineer :</b> | Bill Chang, JC Liang, Karl Hou and Wilson Wu | <b>Temperature :</b>       | 20~25°C |
|                        |                                              | <b>Relative Humidity :</b> | 50~60%  |

**Remark:** For Radiated Spurious Emission Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).



&lt;Sample 1&gt;

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                        | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 79<br>6345MHz |                                                                                                                                                                                                                                                                                                                                                | 10832                | 51.47               | -22.53                  | 74                          | 35.13                     | 39                            | 19.03                  | 41.69                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 10832                | 40.56               | -13.44                  | 54                          | 24.22                     | 39                            | 19.03                  | 41.69                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 51.36               | -22.64                  | 74                          | 34.36                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 88                      | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 42.16               | -11.84                  | 54                          | 25.16                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 88                      | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13288                | 52.83               | -21.17                  | 74                          | 34.9                      | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13288                | 42.1                | -11.9                   | 54                          | 24.17                     | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17984                | 54.58               | -19.42                  | 74                          | 34.08                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17984                | 45.76               | -8.24                   | 54                          | 25.26                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 19035                | 36.08               | -37.92                  | 74                          | 38.28                     | 38.01                         | 14.98                  | 55.19                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39538                | 53.15               | -20.85                  | 74                          | 38.53                     | 44.67                         | 26.21                  | 56.26                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39538                | 41.96               | -12.04                  | 54                          | 27.34                     | 44.67                         | 26.21                  | 56.26                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 10744                | 52                  | -22                     | 74                          | 35.78                     | 38.99                         | 18.93                  | 41.7                       | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 10744                | 41.49               | -12.51                  | 54                          | 25.27                     | 38.99                         | 18.93                  | 41.7                       | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 50.73               | -23.27                  | 74                          | 33.73                     | 39.48                         | 20.74                  | 43.22                      | 127                  | 48                      | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 42.23               | -11.77                  | 54                          | 25.23                     | 39.48                         | 20.74                  | 43.22                      | 127                  | 48                      | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13272                | 53.16               | -20.84                  | 74                          | 35.26                     | 39.77                         | 21.28                  | 43.15                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13272                | 42.22               | -11.78                  | 54                          | 24.32                     | 39.77                         | 21.28                  | 43.15                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17992                | 54.88               | -19.12                  | 74                          | 34.33                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17992                | 45.88               | -8.12                   | 54                          | 25.33                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 19035                | 36.64               | -37.36                  | 74                          | 38.84                     | 38.01                         | 14.98                  | 55.19                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39384                | 52.52               | -21.48                  | 74                          | 38.18                     | 44.61                         | 26.12                  | 56.39                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39384                | 41.76               | -12.24                  | 54                          | 27.42                     | 44.61                         | 26.12                  | 56.39                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**Band 6 5250~5350MHz**
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>1+2                                   | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE160 Full<br/>CH 111<br/>6505MHz</b> |                                                                                                                                                                                                                                                                                                                                                | 10800                | 51.43               | -22.57                  | 74                          | 35.03                     | 39.1                          | 18.99                  | 41.69                      | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 10800                | 40.75               | -13.25                  | 54                          | 24.35                     | 39.1                          | 18.99                  | 41.69                      | -                    | -                       | A                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13010                | 50.11               | -38.09                  | 88.2                        | 32.44                     | 39.69                         | 21.08                  | 43.1                       | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13280                | 52.25               | -21.75                  | 74                          | 34.34                     | 39.78                         | 21.28                  | 43.15                      | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13280                | 42.34               | -11.66                  | 54                          | 24.43                     | 39.78                         | 21.28                  | 43.15                      | -                    | -                       | A                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 17952                | 54.77               | -19.23                  | 74                          | 34.5                      | 41.46                         | 24.25                  | 45.44                      | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 17952                | 45.47               | -8.53                   | 54                          | 25.2                      | 41.46                         | 24.25                  | 45.44                      | -                    | -                       | A                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 19515                | 35.93               | -38.07                  | 74                          | 37.47                     | 37.71                         | 15.75                  | 55                         | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 39406                | 53.1                | -20.9                   | 74                          | 38.73                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 39406                | 41.62               | -12.38                  | 54                          | 27.25                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                       | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 12552                | 51.3                | -22.7                   | 74                          | 34.73                     | 39.25                         | 20.6                   | 43.28                      | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 12552                | 40.89               | -13.11                  | 54                          | 24.32                     | 39.25                         | 20.6                   | 43.28                      | -                    | -                       | A                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13010                | 50.53               | -37.67                  | 88.2                        | 32.86                     | 39.69                         | 21.08                  | 43.1                       | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13312                | 51.86               | -22.14                  | 74                          | 33.89                     | 39.82                         | 21.31                  | 43.16                      | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 13312                | 42.35               | -11.65                  | 54                          | 24.38                     | 39.82                         | 21.31                  | 43.16                      | -                    | -                       | A                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 17864                | 54.12               | -19.88                  | 74                          | 34.53                     | 40.78                         | 24.18                  | 45.37                      | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 17864                | 44.95               | -9.05                   | 54                          | 25.36                     | 40.78                         | 24.18                  | 45.37                      | -                    | -                       | A                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 19515                | 35.89               | -38.11                  | 74                          | 37.43                     | 37.71                         | 15.75                  | 55                         | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 39406                | 52.45               | -21.55                  | 74                          | 38.08                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                | 39406                | 41.99               | -12.01                  | 54                          | 27.62                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                       | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                       |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| <b>Remark</b>                                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 7 - 6525~6875MHz

## WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                         | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 143<br>6665MHz |                                                                                                                                                                                                                                                                                                                                                | 10992                | 51.34               | -22.66                  | 74                          | 35.1                      | 38.71                         | 19.19                  | 41.66                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 10992                | 40.36               | -13.64                  | 54                          | 24.12                     | 38.71                         | 19.19                  | 41.66                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13330                | 51.28               | -22.72                  | 74                          | 33.26                     | 39.86                         | 21.32                  | 43.16                      | 100                  | 258                     | P                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13330                | 43.14               | -10.86                  | 54                          | 25.12                     | 39.86                         | 21.32                  | 43.16                      | 100                  | 258                     | A                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17960                | 54.32               | -19.68                  | 74                          | 33.99                     | 41.52                         | 24.25                  | 45.44                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17960                | 45.6                | -8.4                    | 54                          | 25.27                     | 41.52                         | 24.25                  | 45.44                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 19995                | 36.71               | -37.29                  | 74                          | 37.58                     | 37.51                         | 16.52                  | 54.9                       | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39538                | 52.15               | -21.85                  | 74                          | 37.53                     | 44.67                         | 26.21                  | 56.26                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39538                | 41.84               | -12.16                  | 54                          | 27.22                     | 44.67                         | 26.21                  | 56.26                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 12584                | 51.64               | -22.36                  | 74                          | 35                        | 39.28                         | 20.63                  | 43.27                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 12584                | 40.96               | -13.04                  | 54                          | 24.32                     | 39.28                         | 20.63                  | 43.27                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13330                | 50.69               | -23.31                  | 74                          | 32.67                     | 39.86                         | 21.32                  | 43.16                      | 173                  | 24                      | P                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13330                | 43.13               | -10.87                  | 54                          | 25.11                     | 39.86                         | 21.32                  | 43.16                      | 173                  | 24                      | A                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 18000                | 54.5                | -19.5                   | 74                          | 33.89                     | 41.8                          | 24.28                  | 45.47                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 18000                | 45.79               | -8.21                   | 54                          | 25.18                     | 41.8                          | 24.28                  | 45.47                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 19995                | 36.28               | -37.72                  | 74                          | 37.15                     | 37.51                         | 16.52                  | 54.9                       | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39428                | 52.56               | -21.44                  | 74                          | 38.13                     | 44.64                         | 26.15                  | 56.36                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39428                | 41.64               | -12.36                  | 54                          | 27.21                     | 44.64                         | 26.15                  | 56.36                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 8 - 6875~7125MHz

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

| WIFI<br>Ant.<br>1+2                        | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE20 Full<br>CH 233<br>7115MHz | *                                                                                           | 7115                 | 88.68               | -                       | -                           | 75.37                   | 36.39                         | 15.28                  | 38.36                      | 385                  | 109                     | P                     | H             |
|                                            | *                                                                                           | 7115                 | 78.43               | -                       | -                           | 65.12                   | 36.39                         | 15.28                  | 38.36                      | 385                  | 109                     | A                     | H             |
|                                            |                                                                                             | 7125.02              | 72.99               | -15.21                  | 88.2                        | 59.63                   | 36.45                         | 15.28                  | 38.37                      | 385                  | 109                     | P                     | H             |
|                                            |                                                                                             | 7125.02              | 64.55               | -3.65                   | 68.2                        | 51.19                   | 36.45                         | 15.28                  | 38.37                      | 385                  | 109                     | A                     | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            | *                                                                                           | 7115                 | 89.56               | -                       | -                           | 76.25                   | 36.39                         | 15.28                  | 38.36                      | 296                  | 178                     | P                     | V             |
|                                            | *                                                                                           | 7115                 | 80.71               | -                       | -                           | 67.4                    | 36.39                         | 15.28                  | 38.36                      | 296                  | 178                     | A                     | V             |
|                                            |                                                                                             | 7125.02              | 71.58               | -16.62                  | 88.2                        | 58.22                   | 36.45                         | 15.28                  | 38.37                      | 296                  | 178                     | P                     | V             |
|                                            |                                                                                             | 7125.02              | 67.33               | -0.87                   | 68.2                        | 53.97                   | 36.45                         | 15.28                  | 38.37                      | 296                  | 178                     | A                     | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

## WIFI 802.11ax HE20 (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                        | Note                                                                                                                                    | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE20 Full<br>CH 233<br>7115MHz |                                                                                                                                         | 12144                | 51.93               | -22.07                  | 74                          | 35.68                   | 39.2                          | 20.16                  | 43.11                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 12144                | 40.42               | -13.58                  | 54                          | 24.17                   | 39.2                          | 20.16                  | 43.11                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13376                | 52.27               | -21.73                  | 74                          | 34.14                   | 39.95                         | 21.35                  | 43.17                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 13376                | 42.37               | -11.63                  | 54                          | 24.24                   | 39.95                         | 21.35                  | 43.17                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 14230                | 51.35               | -36.85                  | 88.2                        | 33.34                   | 40.17                         | 21.98                  | 44.14                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17976                | 55.05               | -18.95                  | 74                          | 34.61                   | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17976                | 45.6                | -8.4                    | 54                          | 25.16                   | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 21345                | 37.03               | -36.97                  | 74                          | 37.17                   | 37.79                         | 16.87                  | 54.8                       | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 39450                | 53.1                | -20.9                   | 74                          | 38.62                   | 44.66                         | 26.16                  | 56.34                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 39450                | 41.95               | -12.05                  | 54                          | 27.47                   | 44.66                         | 26.16                  | 56.34                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 12344                | 51.87               | -22.13                  | 74                          | 35.66                   | 39.06                         | 20.37                  | 43.22                      |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 12344                | 40.42               | -13.58                  | 54                          | 24.21                   | 39.06                         | 20.37                  | 43.22                      |                      |                         | A                     | V             |
|                                            |                                                                                                                                         | 13384                | 52.31               | -21.69                  | 74                          | 34.15                   | 39.97                         | 21.36                  | 43.17                      |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 13384                | 42.39               | -11.61                  | 54                          | 24.23                   | 39.97                         | 21.36                  | 43.17                      |                      |                         | A                     | V             |
|                                            |                                                                                                                                         | 14230                | 51.75               | -36.45                  | 88.2                        | 33.74                   | 40.17                         | 21.98                  | 44.14                      |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 17936                | 55.12               | -18.88                  | 74                          | 34.95                   | 41.35                         | 24.24                  | 45.42                      |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 17936                | 45.78               | -8.22                   | 54                          | 25.61                   | 41.35                         | 24.24                  | 45.42                      |                      |                         | A                     | V             |
|                                            |                                                                                                                                         | 21345                | 37.66               | -36.34                  | 74                          | 37.8                    | 37.79                         | 16.87                  | 54.8                       |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 39604                | 52.32               | -21.68                  | 74                          | 37.66                   | 44.62                         | 26.24                  | 56.2                       |                      |                         | P                     | V             |
|                                            |                                                                                                                                         | 39604                | 41.83               | -12.17                  | 54                          | 27.17                   | 44.62                         | 26.24                  | 56.2                       |                      |                         | A                     | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



&lt;Sample 2&gt;

## Band 5 - 5925~6425MHz

## WIFI 802.11a (Band Edge @ 3m)

| WIFI Ant.                   | Note                                                                                        | Frequency | Level      | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 1+2                         |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB )     | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11a<br>CH 01<br>5955MHz |                                                                                             | 5870.78   | 49.78      | -38.42     | 88.2       | 39.88      | 34.14          | 13.71     | 37.95         | 400     | 157       | P         | H       |
|                             |                                                                                             | 5924.26   | 38.33      | -29.87     | 68.2       | 28.24      | 34.25          | 13.8      | 37.96         | 400     | 157       | A         | H       |
|                             | *                                                                                           | 5955      | 109.8      | -          | -          | 99.64      | 34.28          | 13.85     | 37.97         | 400     | 157       | P         | H       |
|                             | *                                                                                           | 5955      | 102.2      | -          | -          | 92.04      | 34.28          | 13.85     | 37.97         | 400     | 157       | A         | H       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | H       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | H       |
|                             |                                                                                             | 5884.64   | 49.66      | -38.54     | 88.2       | 39.7       | 34.17          | 13.74     | 37.95         | 251     | 193       | P         | V       |
|                             |                                                                                             | 5924.96   | 38.97      | -29.23     | 68.2       | 28.88      | 34.25          | 13.8      | 37.96         | 251     | 193       | A         | V       |
|                             | *                                                                                           | 5955      | 110.67     | -          | -          | 100.51     | 34.28          | 13.85     | 37.97         | 251     | 193       | P         | V       |
|                             | *                                                                                           | 5955      | 103.36     | -          | -          | 93.2       | 34.28          | 13.85     | 37.97         | 251     | 193       | A         | V       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | V       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |            |            |            |                |           |               |         |           |           |         |



## Band 5 5925~6425MHz

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

| WIFI<br>Ant.<br>1+2                       | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE20 Full<br>CH 01<br>5955MHz |                                                                                             | 5837.04              | 48.37               | -39.83                  | 88.2                        | 38.58                   | 34.07                         | 13.66                  | 37.94                      | 398                  | 236                     | P                     | H             |
|                                           |                                                                                             | 5827.1               | 38.15               | -30.05                  | 68.2                        | 28.4                    | 34.05                         | 13.64                  | 37.94                      | 398                  | 236                     | A                     | H             |
|                                           | *                                                                                           | 5955                 | 109.43              | -                       | -                           | 99.27                   | 34.28                         | 13.85                  | 37.97                      | 398                  | 236                     | P                     | H             |
|                                           | *                                                                                           | 5955                 | 99.08               | -                       | -                           | 88.92                   | 34.28                         | 13.85                  | 37.97                      | 398                  | 236                     | A                     | H             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                             | 5924.4               | 49.79               | -38.41                  | 88.2                        | 39.7                    | 34.25                         | 13.8                   | 37.96                      | 247                  | 193                     | P                     | V             |
|                                           |                                                                                             | 5924.68              | 38.89               | -29.31                  | 68.2                        | 28.8                    | 34.25                         | 13.8                   | 37.96                      | 247                  | 193                     | A                     | V             |
|                                           | *                                                                                           | 5955                 | 110.98              | -                       | -                           | 100.82                  | 34.28                         | 13.85                  | 37.97                      | 247                  | 193                     | P                     | V             |
|                                           | *                                                                                           | 5955                 | 103.95              | -                       | -                           | 93.79                   | 34.28                         | 13.85                  | 37.97                      | 247                  | 193                     | A                     | V             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 5 5925~6425MHz

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

| WIFI<br>Ant.<br>1+2                       | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE40 Full<br>CH 03<br>5965MHz |                                                                                             | 5866.92              | 48.87               | -39.33                  | 88.2                        | 38.98                   | 34.13                         | 13.71                  | 37.95                      | 400                  | 184                     | P                     | H             |
|                                           |                                                                                             | 5922.36              | 38.98               | -29.22                  | 68.2                        | 28.9                    | 34.24                         | 13.8                   | 37.96                      | 400                  | 184                     | A                     | H             |
|                                           | *                                                                                           | 5965                 | 109.09              | -                       | -                           | 98.96                   | 34.24                         | 13.86                  | 37.97                      | 400                  | 184                     | P                     | H             |
|                                           | *                                                                                           | 5965                 | 99.42               | -                       | -                           | 89.29                   | 34.24                         | 13.86                  | 37.97                      | 400                  | 184                     | A                     | H             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                             | 5910.84              | 49.23               | -38.97                  | 88.2                        | 39.19                   | 34.22                         | 13.78                  | 37.96                      | 261                  | 198                     | P                     | V             |
|                                           |                                                                                             | 5915.34              | 40.78               | -27.42                  | 68.2                        | 30.73                   | 34.23                         | 13.78                  | 37.96                      | 261                  | 198                     | A                     | V             |
|                                           | *                                                                                           | 5965                 | 110.31              | -                       | -                           | 100.18                  | 34.24                         | 13.86                  | 37.97                      | 261                  | 198                     | P                     | V             |
|                                           | *                                                                                           | 5965                 | 101.42              | -                       | -                           | 91.29                   | 34.24                         | 13.86                  | 37.97                      | 261                  | 198                     | A                     | V             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

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

| WIFI<br>Ant.<br>1+2                                 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE80 Full<br/>CH 07<br/>5985MHz</b> |                                                                                             | 5916.68              | 48.97               | -39.23                  | 88.2                        | 38.91                   | 34.23                         | 13.79                  | 37.96                      | 400                  | 187                     | P                     | H             |
|                                                     |                                                                                             | 5923.56              | 39.07               | -29.13                  | 68.2                        | 28.98                   | 34.25                         | 13.8                   | 37.96                      | 400                  | 187                     | A                     | H             |
|                                                     | *                                                                                           | 5985                 | 105.81              | -                       | -                           | 95.73                   | 34.16                         | 13.9                   | 37.98                      | 400                  | 187                     | P                     | H             |
|                                                     | *                                                                                           | 5985                 | 96.25               | -                       | -                           | 86.17                   | 34.16                         | 13.9                   | 37.98                      | 400                  | 187                     | A                     | H             |
|                                                     |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |                                                                                             | 5921.64              | 50.02               | -38.18                  | 88.2                        | 39.95                   | 34.24                         | 13.79                  | 37.96                      | 253                  | 201                     | P                     | V             |
|                                                     |                                                                                             | 5920.2               | 40.13               | -28.07                  | 68.2                        | 30.06                   | 34.24                         | 13.79                  | 37.96                      | 253                  | 201                     | A                     | V             |
|                                                     | *                                                                                           | 5985                 | 107.05              | -                       | -                           | 96.97                   | 34.16                         | 13.9                   | 37.98                      | 253                  | 201                     | P                     | V             |
|                                                     | *                                                                                           | 5985                 | 98.28               | -                       | -                           | 88.2                    | 34.16                         | 13.9                   | 37.98                      | 253                  | 201                     | A                     | V             |
|                                                     |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                     |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 5 5925~6425MHz

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

| WIFI<br>Ant.<br>1+2                        | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 15<br>6025MHz |                                                                                             | 5850.92              | 49.68               | -38.52                  | 88.2                        | 39.85                     | 34.1                          | 13.68                  | 37.95                      | 400                  | 185                     | P                       | H               |
|                                            |                                                                                             | 5880.36              | 40.74               | -27.46                  | 68.2                        | 30.8                      | 34.16                         | 13.73                  | 37.95                      | 400                  | 185                     | A                       | H               |
|                                            | *                                                                                           | 6025                 | 101.86              | -                       | -                           | 91.67                     | 34.2                          | 13.96                  | 37.97                      | 400                  | 185                     | P                       | H               |
|                                            | *                                                                                           | 6025                 | 93.45               | -                       | -                           | 83.26                     | 34.2                          | 13.96                  | 37.97                      | 400                  | 185                     | A                       | H               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                             | 5919.08              | 51.39               | -36.81                  | 88.2                        | 41.32                     | 34.24                         | 13.79                  | 37.96                      | 249                  | 199                     | P                       | V               |
|                                            |                                                                                             | 5907.56              | 42.29               | -25.91                  | 68.2                        | 32.26                     | 34.22                         | 13.77                  | 37.96                      | 249                  | 199                     | A                       | V               |
|                                            | *                                                                                           | 6025                 | 105.93              | -                       | -                           | 95.74                     | 34.2                          | 13.96                  | 37.97                      | 249                  | 199                     | P                       | V               |
|                                            | *                                                                                           | 6025                 | 96.87               | -                       | -                           | 86.68                     | 34.2                          | 13.96                  | 37.97                      | 249                  | 199                     | A                       | V               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 5 5925~6425MHz

## WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                        | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 15<br>6025MHz |      | 10912                | 51.01               | -22.99                  | 74                          | 34.72                     | 38.79                         | 19.17                  | 41.67                      | -                    | -                       | P                       | H               |
|                                            |      | 10912                | 40.52               | -13.48                  | 54                          | 24.23                     | 38.79                         | 19.17                  | 41.67                      | -                    | -                       | A                       | H               |
|                                            |      | 12050                | 48.89               | -25.11                  | 74                          | 32.71                     | 39.1                          | 20.14                  | 43.06                      | 153                  | 67                      | P                       | H               |
|                                            |      | 12050                | 41.45               | -12.55                  | 54                          | 25.27                     | 39.1                          | 20.14                  | 43.06                      | 153                  | 67                      | A                       | H               |
|                                            |      | 13272                | 51.04               | -22.96                  | 74                          | 33.04                     | 39.77                         | 21.38                  | 43.15                      | -                    | -                       | P                       | H               |
|                                            |      | 13272                | 42.12               | -11.88                  | 54                          | 24.12                     | 39.77                         | 21.38                  | 43.15                      | -                    | -                       | A                       | H               |
|                                            |      | 17992                | 56.24               | -17.76                  | 74                          | 35.57                     | 41.74                         | 24.39                  | 45.46                      | -                    | -                       | P                       | H               |
|                                            |      | 17992                | 46                  | -8                      | 54                          | 25.33                     | 41.74                         | 24.39                  | 45.46                      | -                    | -                       | A                       | H               |
|                                            |      | 18075                | 36.26               | -37.74                  | 74                          | 39.8                      | 37.62                         | 14.69                  | 55.85                      | -                    | -                       | P                       | H               |
|                                            |      | 39846                | 53.15               | -20.85                  | 74                          | 38.22                     | 44.5                          | 26.38                  | 55.95                      | -                    | -                       | P                       | H               |
|                                            |      | 39846                | 42.24               | -11.76                  | 54                          | 27.31                     | 44.5                          | 26.38                  | 55.95                      | -                    | -                       | A                       | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      | 12050                | 48.52               | -25.48                  | 74                          | 32.34                     | 39.1                          | 20.14                  | 43.06                      | 100                  | 173                     | P                       | V               |
|                                            |      | 12050                | 41.29               | -12.71                  | 54                          | 25.11                     | 39.1                          | 20.14                  | 43.06                      | 100                  | 173                     | A                       | V               |
|                                            |      | 12696                | 51.21               | -22.79                  | 74                          | 34.15                     | 39.49                         | 20.79                  | 43.22                      | -                    | -                       | P                       | V               |
|                                            |      | 12696                | 41.27               | -12.73                  | 54                          | 24.21                     | 39.49                         | 20.79                  | 43.22                      | -                    | -                       | A                       | V               |
|                                            |      | 13392                | 51.65               | -22.35                  | 74                          | 33.34                     | 39.98                         | 21.5                   | 43.17                      | -                    | -                       | P                       | V               |
|                                            |      | 13392                | 42.7                | -11.3                   | 54                          | 24.39                     | 39.98                         | 21.5                   | 43.17                      | -                    | -                       | A                       | V               |
|                                            |      | 17992                | 55.61               | -18.39                  | 74                          | 34.94                     | 41.74                         | 24.39                  | 45.46                      | -                    | -                       | P                       | V               |
|                                            |      | 17992                | 46.02               | -7.98                   | 54                          | 25.35                     | 41.74                         | 24.39                  | 45.46                      | -                    | -                       | A                       | V               |
|                                            |      | 18075                | 35.17               | -38.83                  | 74                          | 38.71                     | 37.62                         | 14.69                  | 55.85                      | -                    | -                       | P                       | V               |
|                                            |      | 39472                | 53.21               | -20.79                  | 74                          | 38.68                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | P                       | V               |
|                                            |      | 39472                | 42.2                | -11.8                   | 54                          | 27.67                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | A                       | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>1+2                        | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 47<br>6185MHz |      | 11232                | 50.97               | -23.03                  | 74                          | 34.87                     | 38.83                         | 19.39                  | 42.12                      | -                    | -                       | P                       | H               |
|                                            |      | 11232                | 40.33               | -13.67                  | 54                          | 24.23                     | 38.83                         | 19.39                  | 42.12                      | -                    | -                       | A                       | H               |
|                                            |      | 12370                | 49.28               | -24.72                  | 74                          | 33.07                     | 39.03                         | 20.41                  | 43.23                      | 100                  | 69                      | P                       | H               |
|                                            |      | 12370                | 41.68               | -12.32                  | 54                          | 25.47                     | 39.03                         | 20.41                  | 43.23                      | 100                  | 69                      | A                       | H               |
|                                            |      | 13328                | 51.31               | -22.69                  | 74                          | 33.29                     | 39.86                         | 21.32                  | 43.16                      | -                    | -                       | P                       | H               |
|                                            |      | 13328                | 42.28               | -11.72                  | 54                          | 24.26                     | 39.86                         | 21.32                  | 43.16                      | -                    | -                       | A                       | H               |
|                                            |      | 17992                | 54.89               | -19.11                  | 74                          | 34.34                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | P                       | H               |
|                                            |      | 17992                | 45.88               | -8.12                   | 54                          | 25.33                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | A                       | H               |
|                                            |      | 18555                | 35.52               | -38.48                  | 74                          | 38.33                     | 37.94                         | 14.81                  | 55.56                      | -                    | -                       | P                       | H               |
|                                            |      | 39494                | 52.17               | -21.83                  | 74                          | 37.59                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | P                       | H               |
|                                            |      | 39494                | 41.85               | -12.15                  | 54                          | 27.27                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | A                       | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      | 11064                | 51.05               | -22.95                  | 74                          | 34.88                     | 38.7                          | 19.26                  | 41.79                      | -                    | -                       | P                       | V               |
|                                            |      | 11064                | 40.47               | -13.53                  | 54                          | 24.3                      | 38.7                          | 19.26                  | 41.79                      | -                    | -                       | A                       | V               |
|                                            |      | 12370                | 50.35               | -23.65                  | 74                          | 34.14                     | 39.03                         | 20.41                  | 43.23                      | 300                  | 28                      | P                       | V               |
|                                            |      | 12370                | 41.86               | -12.14                  | 54                          | 25.65                     | 39.03                         | 20.41                  | 43.23                      | 300                  | 28                      | A                       | V               |
|                                            |      | 13368                | 51.67               | -22.33                  | 74                          | 33.55                     | 39.94                         | 21.35                  | 43.17                      | -                    | -                       | P                       | V               |
|                                            |      | 13368                | 42.36               | -11.64                  | 54                          | 24.24                     | 39.94                         | 21.35                  | 43.17                      | -                    | -                       | A                       | V               |
|                                            |      | 17984                | 55.36               | -18.64                  | 74                          | 34.86                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | V               |
|                                            |      | 17984                | 45.76               | -8.24                   | 54                          | 25.26                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | V               |
|                                            |      | 18555                | 36.22               | -37.78                  | 74                          | 39.03                     | 37.94                         | 14.81                  | 55.56                      | -                    | -                       | P                       | V               |
|                                            |      | 39934                | 52.19               | -21.81                  | 74                          | 37.14                     | 44.5                          | 26.42                  | 55.87                      | -                    | -                       | P                       | V               |
|                                            |      | 39934                | 42.58               | -11.42                  | 54                          | 27.53                     | 44.5                          | 26.42                  | 55.87                      | -                    | -                       | A                       | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>1+2                        | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 79<br>6345MHz |                                                                                                                                                                                                                                                                                                                                                | 10896                | 50.74               | -23.26                  | 74                          | 34.52                     | 38.81                         | 19.09                  | 41.68                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 10896                | 40.46               | -13.54                  | 54                          | 24.24                     | 38.81                         | 19.09                  | 41.68                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 49.48               | -24.52                  | 74                          | 32.48                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 241                     | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 42.18               | -11.82                  | 54                          | 25.18                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 241                     | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13400                | 51.38               | -22.62                  | 74                          | 33.18                     | 40                            | 21.37                  | 43.17                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13400                | 42.36               | -11.64                  | 54                          | 24.16                     | 40                            | 21.37                  | 43.17                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17936                | 55.03               | -18.97                  | 74                          | 34.86                     | 41.35                         | 24.24                  | 45.42                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17936                | 45.5                | -8.5                    | 54                          | 25.33                     | 41.35                         | 24.24                  | 45.42                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 19035                | 35.87               | -38.13                  | 74                          | 38.07                     | 38.01                         | 14.98                  | 55.19                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39428                | 52.94               | -21.06                  | 74                          | 38.51                     | 44.64                         | 26.15                  | 56.36                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39428                | 41.68               | -12.32                  | 54                          | 27.25                     | 44.64                         | 26.15                  | 56.36                      | -                    | -                       | A                       | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 11000                | 50.94               | -23.06                  | 74                          | 34.7                      | 38.7                          | 19.2                   | 41.66                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 11000                | 40.48               | -13.52                  | 54                          | 24.24                     | 38.7                          | 19.2                   | 41.66                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 49.95               | -24.05                  | 74                          | 32.95                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 260                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 12690                | 42.11               | -11.89                  | 54                          | 25.11                     | 39.48                         | 20.74                  | 43.22                      | 100                  | 260                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13384                | 51.61               | -22.39                  | 74                          | 33.45                     | 39.97                         | 21.36                  | 43.17                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 13384                | 42.49               | -11.51                  | 54                          | 24.33                     | 39.97                         | 21.36                  | 43.17                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17952                | 55.02               | -18.98                  | 74                          | 34.75                     | 41.46                         | 24.25                  | 45.44                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 17952                | 45.55               | -8.45                   | 54                          | 25.28                     | 41.46                         | 24.25                  | 45.44                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 19035                | 36.45               | -37.55                  | 74                          | 38.65                     | 38.01                         | 14.98                  | 55.19                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39472                | 53.34               | -20.66                  | 74                          | 38.81                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | P                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                | 39472                | 41.6                | -12.4                   | 54                          | 27.07                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | A                       | V               |
|                                            |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 5 5925~6425MHz

## WIFI 802.11ax HE160 Partial 1992/68 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1+2                                         | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE160<br>Partial<br>1992/68<br>CH 15<br>6025MHz |                                                                                             | 5903.4               | 66.97               | -21.23                  | 88.2                        | 56.95                   | 34.21                         | 13.77                  | 37.96                      | 305                  | 162                     | P                     | H             |
|                                                             |                                                                                             | 5860.2               | 45.72               | -22.48                  | 68.2                        | 35.85                   | 34.12                         | 13.7                   | 37.95                      | 305                  | 162                     | A                     | H             |
|                                                             | *                                                                                           | 6025                 | 100.07              | -                       | -                           | 89.88                   | 34.2                          | 13.96                  | 37.97                      | 305                  | 162                     | P                     | H             |
|                                                             | *                                                                                           | 6025                 | 91.31               | -                       | -                           | 81.12                   | 34.2                          | 13.96                  | 37.97                      | 305                  | 162                     | A                     | H             |
|                                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                             | 5905.96              | 64.75               | -23.45                  | 88.2                        | 54.73                   | 34.21                         | 13.77                  | 37.96                      | 100                  | 222                     | P                     | V             |
|                                                             |                                                                                             | 5900.52              | 44.7                | -23.5                   | 68.2                        | 34.7                    | 34.2                          | 13.76                  | 37.96                      | 100                  | 222                     | A                     | V             |
|                                                             | *                                                                                           | 6025                 | 100.77              | -                       | -                           | 90.58                   | 34.2                          | 13.96                  | 37.97                      | 100                  | 222                     | P                     | V             |
|                                                             | *                                                                                           | 6025                 | 92.19               | -                       | -                           | 82                      | 34.2                          | 13.96                  | 37.97                      | 100                  | 222                     | A                     | V             |
|                                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 5 5925~6425MHz

## WIFI 802.11ax HE160 Partial 1992/68 (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                                         | Note                                                                                                                                    | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160<br>Partial<br>1992/68<br>CH 15<br>6025MHz |                                                                                                                                         | 12050                | 50.34               | -23.66                  | 74                          | 34.24                     | 39.1                          | 20.06                  | 43.06                      | 100                  | 229                     | P                       | H               |
|                                                             |                                                                                                                                         | 12050                | 41.19               | -12.81                  | 54                          | 25.09                     | 39.1                          | 20.06                  | 43.06                      | 100                  | 229                     | A                       | H               |
|                                                             |                                                                                                                                         | 13352                | 53.01               | -20.99                  | 74                          | 34.93                     | 39.9                          | 21.34                  | 43.16                      | -                    | -                       | P                       | H               |
|                                                             |                                                                                                                                         | 13352                | 42.18               | -11.82                  | 54                          | 24.1                      | 39.9                          | 21.34                  | 43.16                      | -                    | -                       | A                       | H               |
|                                                             |                                                                                                                                         | 15696                | 50.92               | -23.08                  | 74                          | 34.87                     | 37.7                          | 22.98                  | 44.63                      | -                    | -                       | P                       | H               |
|                                                             |                                                                                                                                         | 15696                | 40.49               | -13.51                  | 54                          | 24.44                     | 37.7                          | 22.98                  | 44.63                      | -                    | -                       | A                       | H               |
|                                                             |                                                                                                                                         | 17984                | 54.48               | -19.52                  | 74                          | 33.98                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | H               |
|                                                             |                                                                                                                                         | 17984                | 45.53               | -8.47                   | 54                          | 25.03                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | H               |
|                                                             |                                                                                                                                         | 18075                | 36.43               | -37.57                  | 74                          | 39.97                     | 37.62                         | 14.69                  | 55.85                      | -                    | -                       | P                       | H               |
|                                                             |                                                                                                                                         | 39406                | 52.46               | -21.54                  | 74                          | 38.09                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                       | H               |
|                                                             |                                                                                                                                         | 39406                | 41.61               | -12.39                  | 54                          | 27.24                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                       | H               |
|                                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                             |                                                                                                                                         | 12050                | 50.33               | -23.67                  | 74                          | 34.23                     | 39.1                          | 20.06                  | 43.06                      | 398                  | 355                     | P                       | V               |
|                                                             |                                                                                                                                         | 12050                | 41.12               | -12.88                  | 54                          | 25.02                     | 39.1                          | 20.06                  | 43.06                      | 398                  | 355                     | A                       | V               |
|                                                             |                                                                                                                                         | 13336                | 52.04               | -21.96                  | 74                          | 34                        | 39.87                         | 21.33                  | 43.16                      | -                    | -                       | P                       | V               |
|                                                             |                                                                                                                                         | 13336                | 42.15               | -11.85                  | 54                          | 24.11                     | 39.87                         | 21.33                  | 43.16                      | -                    | -                       | A                       | V               |
|                                                             |                                                                                                                                         | 15536                | 50.81               | -23.19                  | 74                          | 34.73                     | 37.99                         | 22.88                  | 44.79                      | -                    | -                       | P                       | V               |
|                                                             |                                                                                                                                         | 15536                | 40.33               | -13.67                  | 54                          | 24.25                     | 37.99                         | 22.88                  | 44.79                      | -                    | -                       | A                       | V               |
|                                                             |                                                                                                                                         | 17944                | 54.37               | -19.63                  | 74                          | 34.15                     | 41.41                         | 24.24                  | 45.43                      | -                    | -                       | P                       | V               |
|                                                             |                                                                                                                                         | 17944                | 45.47               | -8.53                   | 54                          | 25.25                     | 41.41                         | 24.24                  | 45.43                      | -                    | -                       | A                       | V               |
|                                                             |                                                                                                                                         | 18075                | 35.94               | -38.06                  | 74                          | 39.48                     | 37.62                         | 14.69                  | 55.85                      | -                    | -                       | P                       | V               |
|                                                             |                                                                                                                                         | 39406                | 52.67               | -21.33                  | 74                          | 38.3                      | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                       | V               |
|                                                             |                                                                                                                                         | 39406                | 41.59               | -12.41                  | 54                          | 27.22                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                       | V               |
|                                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                      | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                             | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                             | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                             | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 6 - 6425~6525MHz

## WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                         | Note                                                                                                                                    | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 111<br>6505MHz |                                                                                                                                         | 11104                | 51.15               | -22.85                  | 74                          | 35.04                     | 38.7                          | 19.28                  | 41.87                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 11104                | 40.48               | -13.52                  | 54                          | 24.37                     | 38.7                          | 19.28                  | 41.87                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 13010                | 50.64               | -37.56                  | 88.2                        | 32.97                     | 39.69                         | 21.08                  | 43.1                       | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 13296                | 51.05               | -22.95                  | 74                          | 33.1                      | 39.8                          | 21.3                   | 43.15                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 13296                | 42.11               | -11.89                  | 54                          | 24.16                     | 39.8                          | 21.3                   | 43.15                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 17976                | 55.49               | -18.51                  | 74                          | 35.05                     | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 17976                | 45.75               | -8.25                   | 54                          | 25.31                     | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 19515                | 36.57               | -37.43                  | 74                          | 38.11                     | 37.71                         | 15.75                  | 55                         | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 39494                | 52.9                | -21.1                   | 74                          | 38.32                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 39494                | 41.79               | -12.21                  | 54                          | 27.21                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                         | 11032                | 50.91               | -23.09                  | 74                          | 34.7                      | 38.7                          | 19.23                  | 41.72                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 11032                | 40.54               | -13.46                  | 54                          | 24.33                     | 38.7                          | 19.23                  | 41.72                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 13010                | 49.64               | -38.56                  | 88.2                        | 31.97                     | 39.69                         | 21.08                  | 43.1                       | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 13320                | 51.85               | -22.15                  | 74                          | 33.85                     | 39.84                         | 21.32                  | 43.16                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 13320                | 42.23               | -11.77                  | 54                          | 24.23                     | 39.84                         | 21.32                  | 43.16                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 17984                | 55.1                | -18.9                   | 74                          | 34.6                      | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 17984                | 45.91               | -8.09                   | 54                          | 25.41                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 19515                | 37.56               | -36.44                  | 74                          | 39.1                      | 37.71                         | 15.75                  | 55                         | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 39142                | 52.1                | -21.9                   | 74                          | 38.68                     | 44.02                         | 25.99                  | 56.59                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 39142                | 40.76               | -13.24                  | 54                          | 27.34                     | 44.02                         | 25.99                  | 56.59                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                      | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 7 - 6525~6875MHz

## WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI                                        | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------------------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                        |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                         |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11ax<br>HE160 Full<br>CH 143<br>6665MHz |      | 12700     | 51.4       | -22.6  | 74         | 34.37    | 39.5     | 20.75  | 43.22  | -      | -       | P       | H       |
|                                             |      | 12700     | 41.39      | -12.61 | 54         | 24.36    | 39.5     | 20.75  | 43.22  | -      | -       | A       | H       |
|                                             |      | 13330     | 49.86      | -24.14 | 74         | 31.84    | 39.86    | 21.32  | 43.16  | 100    | 58      | P       | H       |
|                                             |      | 13330     | 42.91      | -11.09 | 54         | 24.89    | 39.86    | 21.32  | 43.16  | 100    | 58      | A       | H       |
|                                             |      | 17968     | 56.54      | -17.46 | 74         | 36.15    | 41.58    | 24.26  | 45.45  | -      | -       | P       | H       |
|                                             |      | 17968     | 45.64      | -8.36  | 54         | 25.25    | 41.58    | 24.26  | 45.45  | -      | -       | A       | H       |
|                                             |      | 19995     | 37.73      | -36.27 | 74         | 38.6     | 37.51    | 16.52  | 54.9   | -      | -       | P       | H       |
|                                             |      | 39472     | 52.36      | -21.64 | 74         | 37.83    | 44.68    | 26.17  | 56.32  | -      | -       | P       | H       |
|                                             |      | 39472     | 41.75      | -12.25 | 54         | 27.22    | 44.68    | 26.17  | 56.32  | -      | -       | A       | H       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                             |      | 12672     | 50.88      | -23.12 | 74         | 33.94    | 39.44    | 20.73  | 43.23  | -      | -       | P       | V       |
|                                             |      | 12672     | 41.15      | -12.85 | 54         | 24.21    | 39.44    | 20.73  | 43.23  | -      | -       | A       | V       |
|                                             |      | 13330     | 49.98      | -24.02 | 74         | 31.96    | 39.86    | 21.32  | 43.16  | 100    | 311     | P       | V       |
|                                             |      | 13330     | 43.13      | -10.87 | 54         | 25.11    | 39.86    | 21.32  | 43.16  | 100    | 311     | A       | V       |
|                                             |      | 17992     | 55.71      | -18.29 | 74         | 35.16    | 41.74    | 24.27  | 45.46  | -      | -       | P       | V       |
|                                             |      | 17992     | 45.77      | -8.23  | 54         | 25.22    | 41.74    | 24.27  | 45.46  | -      | -       | A       | V       |
|                                             |      | 19995     | 36.48      | -37.52 | 74         | 37.35    | 37.51    | 16.52  | 54.9   | -      | -       | P       | V       |
|                                             |      | 39758     | 52.45      | -21.55 | 74         | 37.66    | 44.5     | 26.33  | 56.04  | -      | -       | P       | V       |
|                                             |      | 39758     | 42         | -12    | 54         | 27.21    | 44.5     | 26.33  | 56.04  | -      | -       | A       | V       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |



| WIFI<br>Ant.<br>1+2                         | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE160 Full<br>CH 175<br>6825MHz |                                                                                                                                                                                                                                                                                                                                                | 11016                | 52.4                | -21.6                   | 74                          | 36.18                   | 38.7                          | 19.21                  | 41.69                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 11016                | 40.49               | -13.51                  | 54                          | 24.27                   | 38.7                          | 19.21                  | 41.69                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13400                | 51.27               | -22.73                  | 74                          | 33.07                   | 40                            | 21.37                  | 43.17                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13400                | 42.52               | -11.48                  | 54                          | 24.32                   | 40                            | 21.37                  | 43.17                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13650                | 51.63               | -36.57                  | 88.2                        | 33.53                   | 40                            | 21.56                  | 43.46                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17928                | 55.07               | -18.93                  | 74                          | 34.96                   | 41.3                          | 24.23                  | 45.42                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17928                | 45.32               | -8.68                   | 54                          | 25.21                   | 41.3                          | 24.23                  | 45.42                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 20475                | 36.52               | -37.48                  | 74                          | 36.74                   | 37.98                         | 16.7                   | 54.9                       | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39384                | 52.97               | -21.03                  | 74                          | 38.63                   | 44.61                         | 26.12                  | 56.39                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39384                | 41.45               | -12.55                  | 54                          | 27.11                   | 44.61                         | 26.12                  | 56.39                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 12472                | 51.42               | -22.58                  | 74                          | 35.05                   | 39.14                         | 20.51                  | 43.28                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 12472                | 40.64               | -13.36                  | 54                          | 24.27                   | 39.14                         | 20.51                  | 43.28                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13255                | 51.85               | -22.15                  | 74                          | 33.98                   | 39.76                         | 21.26                  | 43.15                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13255                | 42.14               | -11.86                  | 54                          | 24.27                   | 39.76                         | 21.26                  | 43.15                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 13650                | 52.54               | -35.66                  | 88.2                        | 34.44                   | 40                            | 21.56                  | 43.46                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17976                | 54.57               | -19.43                  | 74                          | 34.13                   | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 17976                | 45.76               | -8.24                   | 54                          | 25.32                   | 41.63                         | 24.26                  | 45.45                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 20475                | 37.61               | -36.39                  | 74                          | 37.83                   | 37.98                         | 16.7                   | 54.9                       | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39406                | 52.44               | -21.56                  | 74                          | 38.07                   | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                | 39406                | 41.51               | -12.49                  | 54                          | 27.14                   | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                             |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

**Band 8 - 6875~7125MHz****WIFI 802.11a (Band Edge @ 3m)**

| WIFI<br>Ant.<br>1+2                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 233<br/>7115MHz</b> | *                                                                                           | 7115                 | 103.59              | -                       | -                           | 90.28                   | 36.39                         | 15.28                  | 38.36                      | 397                  | 159                     | P                     | H             |
|                                       | *                                                                                           | 7115                 | 96.37               | -                       | -                           | 83.06                   | 36.39                         | 15.28                  | 38.36                      | 397                  | 159                     | A                     | H             |
|                                       |                                                                                             | 7125.02              | 76.53               | -11.67                  | 88.2                        | 63.17                   | 36.45                         | 15.28                  | 38.37                      | 397                  | 159                     | P                     | H             |
|                                       |                                                                                             | 7125.02              | 63.43               | -4.77                   | 68.2                        | 50.07                   | 36.45                         | 15.28                  | 38.37                      | 397                  | 159                     | A                     | H             |
|                                       |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       | *                                                                                           | 7115                 | 107.92              | -                       | -                           | 94.61                   | 36.39                         | 15.28                  | 38.36                      | 223                  | 199                     | P                     | V             |
|                                       | *                                                                                           | 7115                 | 99.98               | -                       | -                           | 86.67                   | 36.39                         | 15.28                  | 38.36                      | 223                  | 199                     | A                     | V             |
|                                       |                                                                                             | 7125.02              | 80.19               | -8.01                   | 88.2                        | 66.83                   | 36.45                         | 15.28                  | 38.37                      | 223                  | 199                     | P                     | V             |
|                                       |                                                                                             | 7125.02              | 67.4                | -0.8                    | 68.2                        | 54.04                   | 36.45                         | 15.28                  | 38.37                      | 223                  | 199                     | A                     | V             |
|                                       |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

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

| WIFI<br>Ant.<br>1+2                        | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE20 Full<br>CH 233<br>7115MHz |                                                                                             | 7115                 | 83.68               | -4.52                   | 88.2                        | 70.37                   | 36.39                         | 15.28                  | 38.36                      | 395                  | 166                     | P                     | H             |
|                                            | *                                                                                           | 7115                 | 74.47               | -                       | -                           | 61.16                   | 36.39                         | 15.28                  | 38.36                      | 395                  | 166                     | A                     | H             |
|                                            |                                                                                             | 7125.02              | 66.73               | -21.47                  | 88.2                        | 53.37                   | 36.45                         | 15.28                  | 38.37                      | 395                  | 166                     | P                     | H             |
|                                            |                                                                                             | 7125.02              | 61.44               | -6.76                   | 68.2                        | 48.08                   | 36.45                         | 15.28                  | 38.37                      | 395                  | 166                     | A                     | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            | *                                                                                           | 7115                 | 90.68               | -                       | -                           | 77.37                   | 36.39                         | 15.28                  | 38.36                      | 198                  | 203                     | P                     | V             |
|                                            | *                                                                                           | 7115                 | 80.65               | -                       | -                           | 67.34                   | 36.39                         | 15.28                  | 38.36                      | 198                  | 203                     | A                     | V             |
|                                            |                                                                                             | 7125.02              | 74.07               | -14.13                  | 88.2                        | 60.71                   | 36.45                         | 15.28                  | 38.37                      | 198                  | 203                     | P                     | V             |
|                                            |                                                                                             | 7125.02              | 67.5                | -0.7                    | 68.2                        | 54.14                   | 36.45                         | 15.28                  | 38.37                      | 198                  | 203                     | A                     | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

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

| WIFI<br>Ant.<br>1+2                        | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE40 Full<br>CH 227<br>7085MHz | *                                                                                           | 7085                 | 106.4               | -                       | -                           | 93.24                     | 36.24                         | 15.26                  | 38.34                      | 390                  | 156                     | P                       | H               |
|                                            | *                                                                                           | 7085                 | 97.03               | -                       | -                           | 83.87                     | 36.24                         | 15.26                  | 38.34                      | 390                  | 156                     | A                       | H               |
|                                            |                                                                                             | 7126.74              | 54.39               | -33.81                  | 88.2                        | 41.02                     | 36.46                         | 15.28                  | 38.37                      | 390                  | 156                     | P                       | H               |
|                                            |                                                                                             | 7126.74              | 45                  | -23.2                   | 68.2                        | 31.63                     | 36.46                         | 15.28                  | 38.37                      | 390                  | 156                     | A                       | H               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            | *                                                                                           | 7085                 | 112.31              | -                       | -                           | 99.15                     | 36.24                         | 15.26                  | 38.34                      | 202                  | 203                     | P                       | V               |
|                                            | *                                                                                           | 7085                 | 101.48              | -                       | -                           | 88.32                     | 36.24                         | 15.26                  | 38.34                      | 202                  | 203                     | A                       | V               |
|                                            |                                                                                             | 7132.68              | 58.17               | -30.03                  | 88.2                        | 44.76                     | 36.5                          | 15.29                  | 38.38                      | 202                  | 203                     | P                       | V               |
|                                            |                                                                                             | 7125                 | 48.32               | -19.88                  | 68.2                        | 34.96                     | 36.45                         | 15.28                  | 38.37                      | 202                  | 203                     | A                       | V               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 8 - 6875~7125MHz

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

| WIFI<br>Ant.<br>1+2                        | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE80 Full<br>CH 215<br>7025MHz | *                                                                                           | 7025                 | 102.27              | -                       | -                           | 89.38                   | 35.95                         | 15.23                  | 38.29                      | 376                  | 159                     | P                     | H             |
|                                            | *                                                                                           | 7025                 | 93.56               | -                       | -                           | 80.67                   | 35.95                         | 15.23                  | 38.29                      | 376                  | 159                     | A                     | H             |
|                                            |                                                                                             | 7168.3               | 52.82               | -35.38                  | 88.2                        | 39.26                   | 36.67                         | 15.3                   | 38.41                      | 376                  | 159                     | P                     | H             |
|                                            |                                                                                             | 7243.44              | 41.82               | -26.38                  | 68.2                        | 27.95                   | 36.97                         | 15.37                  | 38.47                      | 376                  | 159                     | A                     | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            | *                                                                                           | 7025                 | 107.15              | -                       | -                           | 94.26                   | 35.95                         | 15.23                  | 38.29                      | 219                  | 200                     | P                     | V             |
|                                            | *                                                                                           | 7025                 | 98.01               | -                       | -                           | 85.12                   | 35.95                         | 15.23                  | 38.29                      | 219                  | 200                     | A                     | V             |
|                                            |                                                                                             | 7149.06              | 52.57               | -35.63                  | 88.2                        | 39.08                   | 36.59                         | 15.29                  | 38.39                      | 219                  | 200                     | P                     | V             |
|                                            |                                                                                             | 7131.64              | 42.83               | -25.37                  | 68.2                        | 29.43                   | 36.49                         | 15.29                  | 38.38                      | 219                  | 200                     | A                     | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

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

| WIFI<br>Ant.<br>1+2                         | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE160 Full<br>CH 207<br>6985MHz | *                                                                                           | 6985                 | 100.22              | -                       | -                           | 87.47                   | 35.8                          | 15.2                   | 38.25                      | 400                  | 154                     | P                     | H             |
|                                             | *                                                                                           | 6985                 | 91.56               | -                       | -                           | 78.81                   | 35.8                          | 15.2                   | 38.25                      | 400                  | 154                     | A                     | H             |
|                                             |                                                                                             | 7128.04              | 53.97               | -34.23                  | 88.2                        | 40.59                   | 36.47                         | 15.28                  | 38.37                      | 400                  | 154                     | P                     | H             |
|                                             |                                                                                             | 7137.32              | 45.05               | -23.15                  | 68.2                        | 31.62                   | 36.52                         | 15.29                  | 38.38                      | 400                  | 154                     | A                     | H             |
|                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             | *                                                                                           | 6985                 | 106.3               | -                       | -                           | 93.55                   | 35.8                          | 15.2                   | 38.25                      | 233                  | 196                     | P                     | V             |
|                                             | *                                                                                           | 6985                 | 96.59               | -                       | -                           | 83.84                   | 35.8                          | 15.2                   | 38.25                      | 233                  | 196                     | A                     | V             |
|                                             |                                                                                             | 7138.6               | 55.35               | -32.85                  | 88.2                        | 41.91                   | 36.53                         | 15.29                  | 38.38                      | 233                  | 196                     | P                     | V             |
|                                             |                                                                                             | 7130.28              | 46.58               | -21.62                  | 68.2                        | 33.19                   | 36.48                         | 15.29                  | 38.38                      | 233                  | 196                     | A                     | V             |
|                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                             |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 8 - 6875~7125MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>1+2                         | Note                                                                                                                                    | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160 Full<br>CH 207<br>6985MHz |                                                                                                                                         | 11008                | 50.98               | -23.02                  | 74                          | 34.75                     | 38.7                          | 19.21                  | 41.68                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 11008                | 40.46               | -13.54                  | 54                          | 24.23                     | 38.7                          | 19.21                  | 41.68                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 13288                | 51.71               | -22.29                  | 74                          | 33.78                     | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 13288                | 42.26               | -11.74                  | 54                          | 24.33                     | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 13970                | 53.05               | -35.15                  | 88.2                        | 35.08                     | 40.21                         | 21.81                  | 44.05                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 17984                | 55.85               | -18.15                  | 74                          | 35.35                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 17984                | 45.61               | -8.39                   | 54                          | 25.11                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         | 20955                | 37.18               | -36.82                  | 74                          | 37.17                     | 37.96                         | 16.86                  | 54.81                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 39450                | 52.31               | -21.69                  | 74                          | 37.83                     | 44.66                         | 26.16                  | 56.34                      | -                    | -                       | P                       | H               |
|                                             |                                                                                                                                         | 39450                | 42                  | -12                     | 54                          | 27.52                     | 44.66                         | 26.16                  | 56.34                      | -                    | -                       | A                       | H               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                             |                                                                                                                                         | 11584                | 50.7                | -23.3                   | 74                          | 35.02                     | 38.73                         | 19.67                  | 42.72                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 11584                | 39.89               | -14.11                  | 54                          | 24.21                     | 38.73                         | 19.67                  | 42.72                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 13288                | 51.35               | -22.65                  | 74                          | 33.42                     | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 13288                | 42.16               | -11.84                  | 54                          | 24.23                     | 39.79                         | 21.29                  | 43.15                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 13970                | 52.54               | -35.66                  | 88.2                        | 34.57                     | 40.21                         | 21.81                  | 44.05                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 17984                | 55.57               | -18.43                  | 74                          | 35.07                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 17984                | 45.73               | -8.27                   | 54                          | 25.23                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         | 20955                | 38.01               | -35.99                  | 74                          | 38                        | 37.96                         | 16.86                  | 54.81                      | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 39494                | 52.4                | -21.6                   | 74                          | 37.82                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | P                       | V               |
|                                             |                                                                                                                                         | 39494                | 41.95               | -12.05                  | 54                          | 27.37                     | 44.7                          | 26.18                  | 56.3                       | -                    | -                       | A                       | V               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                      | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                             | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 8 - 6875~7125MHz

## WIFI 802.11ax HE160 Partial 1992/68 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1+2                                          | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE160<br>Partial<br>1992/68<br>CH 207<br>6985MHz | *                                                                                           | 6985                 | 96.5                | -                       | -                           | 83.75                   | 35.8                          | 15.2                   | 38.25                      | 400                  | 161                     | P                     | H             |
|                                                              | *                                                                                           | 6985                 | 88.75               | -                       | -                           | 76                      | 35.8                          | 15.2                   | 38.25                      | 400                  | 161                     | A                     | H             |
|                                                              |                                                                                             | 7126.76              | 62.65               | -25.55                  | 88.2                        | 49.28                   | 36.46                         | 15.28                  | 38.37                      | 400                  | 161                     | P                     | H             |
|                                                              |                                                                                             | 7130.28              | 45.97               | -22.23                  | 68.2                        | 32.58                   | 36.48                         | 15.29                  | 38.38                      | 400                  | 161                     | A                     | H             |
|                                                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                              | *                                                                                           | 6985                 | 103.33              | -                       | -                           | 90.58                   | 35.8                          | 15.2                   | 38.25                      | 200                  | 197                     | P                     | V             |
|                                                              | *                                                                                           | 6985                 | 95.17               | -                       | -                           | 82.42                   | 35.8                          | 15.2                   | 38.25                      | 200                  | 197                     | A                     | V             |
|                                                              |                                                                                             | 7133.8               | 69.06               | -19.14                  | 88.2                        | 55.65                   | 36.5                          | 15.29                  | 38.38                      | 200                  | 197                     | P                     | V             |
|                                                              |                                                                                             | 7129                 | 49.1                | -19.1                   | 68.2                        | 35.73                   | 36.47                         | 15.28                  | 38.38                      | 200                  | 197                     | A                     | V             |
|                                                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

## WIFI 802.11ax HE160 Partial 1992/68 (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2                                          | Note                                                                                                                                    | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE160<br>Partial<br>1992/68<br>CH 207<br>6985MHz |                                                                                                                                         | 12048                | 51.88               | -22.12                  | 74                          | 35.78                     | 39.1                          | 20.06                  | 43.06                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 12048                | 41.84               | -12.16                  | 54                          | 25.74                     | 39.1                          | 20.06                  | 43.06                      | -                    | -                       | A                       | H               |
|                                                              |                                                                                                                                         | 13970                | 51.57               | -36.63                  | 88.2                        | 33.6                      | 40.21                         | 21.81                  | 44.05                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 15912                | 51.3                | -22.7                   | 74                          | 35.16                     | 37.42                         | 23.14                  | 44.42                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 15912                | 41.36               | -12.64                  | 54                          | 25.22                     | 37.42                         | 23.14                  | 44.42                      | -                    | -                       | A                       | H               |
|                                                              |                                                                                                                                         | 17992                | 54.93               | -19.07                  | 74                          | 34.38                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 17992                | 45.59               | -8.41                   | 54                          | 25.04                     | 41.74                         | 24.27                  | 45.46                      | -                    | -                       | A                       | H               |
|                                                              |                                                                                                                                         | 20955                | 36.64               | -37.36                  | 74                          | 36.63                     | 37.96                         | 16.86                  | 54.81                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 39472                | 53.07               | -20.93                  | 74                          | 38.54                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | P                       | H               |
|                                                              |                                                                                                                                         | 39472                | 41.85               | -12.15                  | 54                          | 27.32                     | 44.68                         | 26.17                  | 56.32                      | -                    | -                       | A                       | H               |
|                                                              |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                              |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                              |                                                                                                                                         | 11544                | 51.4                | -22.6                   | 74                          | 35.64                     | 38.81                         | 19.64                  | 42.69                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 11544                | 41.18               | -12.82                  | 54                          | 25.42                     | 38.81                         | 19.64                  | 42.69                      | -                    | -                       | A                       | V               |
|                                                              |                                                                                                                                         | 13970                | 51.11               | -37.09                  | 88.2                        | 33.14                     | 40.21                         | 21.81                  | 44.05                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 15400                | 52.1                | -21.9                   | 74                          | 35.67                     | 38.5                          | 22.78                  | 44.85                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 15400                | 42.03               | -11.97                  | 54                          | 25.6                      | 38.5                          | 22.78                  | 44.85                      | -                    | -                       | A                       | V               |
|                                                              |                                                                                                                                         | 17984                | 55.22               | -18.78                  | 74                          | 34.72                     | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 17984                | 45.5                | -8.5                    | 54                          | 25                        | 41.69                         | 24.27                  | 45.46                      | -                    | -                       | A                       | V               |
|                                                              |                                                                                                                                         | 20955                | 36.97               | -37.03                  | 74                          | 36.96                     | 37.96                         | 16.86                  | 54.81                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 39406                | 53.16               | -20.84                  | 74                          | 38.79                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | P                       | V               |
|                                                              |                                                                                                                                         | 39406                | 41.84               | -12.16                  | 54                          | 27.47                     | 44.62                         | 26.13                  | 56.38                      | -                    | -                       | A                       | V               |
|                                                              |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                              |                                                                                                                                         |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                       | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                              | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                              | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |
|                                                              | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |

## Emission below 1GHz

## WIFI 802.11ax HE20 Full (LF @ 3m)

| WIFI                        | Note                                                                                                                                                                                                                                             | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                        |                                                                                                                                                                                                                                                  |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1+2                         |                                                                                                                                                                                                                                                  | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11ax<br>HE20 Full<br>LF |                                                                                                                                                                                                                                                  | 143.49    | 16.7       | -26.8  | 43.5       | 32.32  | 17.45    | 2.42   | 35.49  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  | 264.74    | 20.69      | -25.31 | 46         | 32.62  | 20.18    | 3.14   | 35.25  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  | 648.86    | 29.5       | -16.5  | 46         | 32.73  | 26.12    | 4.81   | 34.16  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  | 764.29    | 32.24      | -13.76 | 46         | 33     | 27.72    | 5.25   | 33.73  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  | 869.05    | 33.67      | -12.33 | 46         | 32.42  | 28.77    | 5.73   | 33.25  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  | 952.47    | 34.45      | -11.55 | 46         | 30.92  | 30.51    | 5.99   | 32.97  | -      | -       | P     | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                             |                                                                                                                                                                                                                                                  | 139.61    | 16.03      | -27.47 | 43.5       | 31.56  | 17.57    | 2.4    | 35.5   |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  | 260.86    | 20.94      | -25.06 | 46         | 32.96  | 20.12    | 3.12   | 35.26  |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  | 627.52    | 29.78      | -16.22 | 46         | 33.33  | 25.95    | 4.75   | 34.25  |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  | 729.37    | 39.18      | -6.82  | 46         | 40.65  | 27.26    | 5.09   | 33.82  |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  | 893.3     | 33.25      | -12.75 | 46         | 31.87  | 28.68    | 5.85   | 33.15  |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  | 952.47    | 35.67      | -10.33 | 46         | 32.14  | 30.51    | 5.99   | 32.97  |        |         | P     | V     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | V     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | V     |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                             |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against limit line.<br>3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only. |           |            |        |            |        |          |        |        |        |         |       |       |



**Note symbol**

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



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

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 5955MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

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

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
 = 55.45 (dBμV/m)
2. Over Limit(dB)  
 = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 55.45(dBμV/m) – 74(dBμV/m)  
 = -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 43.54(dBμV/m) – 54(dBμV/m)  
 = -10.46(dB)

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



## Appendix D. Radiated Spurious Emission

|                        |                                              |                            |         |
|------------------------|----------------------------------------------|----------------------------|---------|
| <b>Test Engineer :</b> | Bill Chang, JC Liang, Karl Hou and Wilson Wu | <b>Temperature :</b>       | 20~25°C |
|                        |                                              | <b>Relative Humidity :</b> | 50~60%  |

**Remark:** For Radiated Spurious Emission Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).

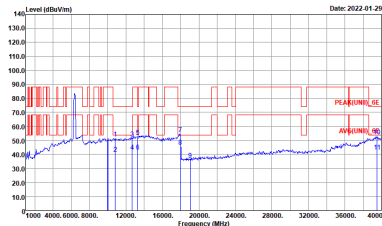
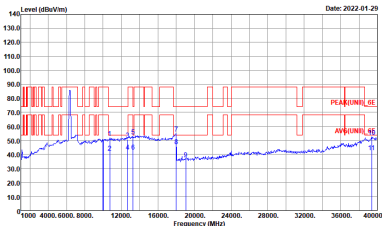
### Note symbol

|    |                       |
|----|-----------------------|
| -L | Low channel location  |
| -R | High channel location |



&lt;Sample 1&gt;

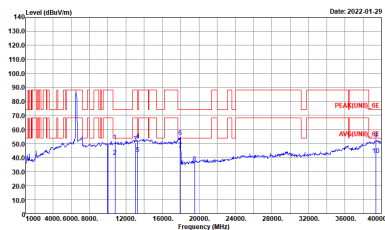
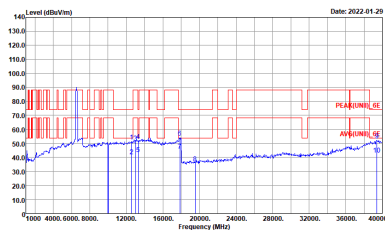
Band 5 - 5925~6425MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH79 6345MHz                                                                                                                                       |                                                                                                                                                                       |
| 1+2          | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

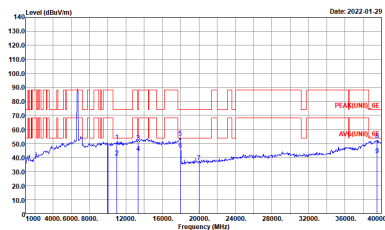
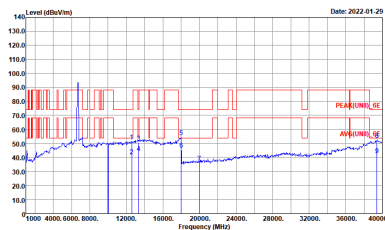


## Band 6 - 6425~6525MHz

## WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH111 6505MHz                                                                                                                                      |                                                                                                                                                                       |
| 1+2          | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

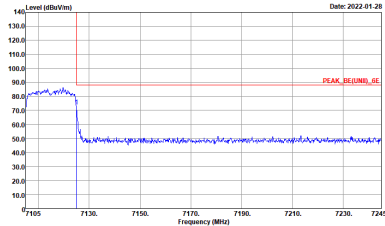
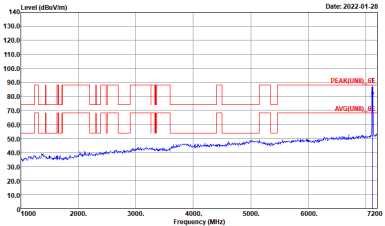
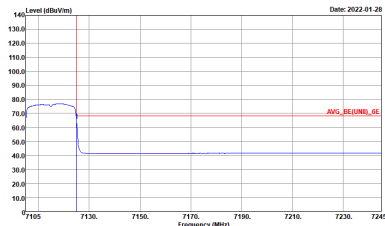
**Band 7 - 6525~6875MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH143 6665MHz                                                                                                                                       |                                                                                                                                                                        |
| 1+2          | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

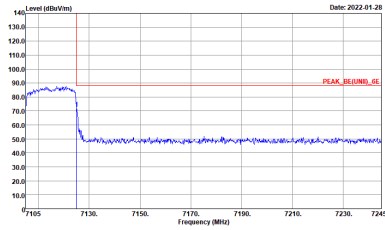
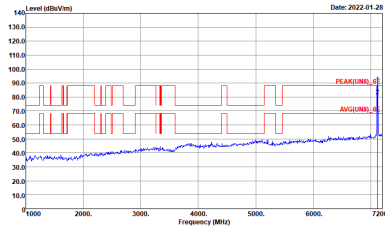
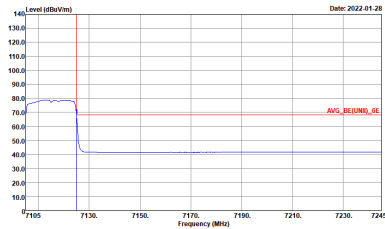


## Band 8 - 6875~7125MHz

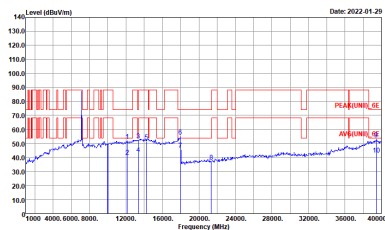
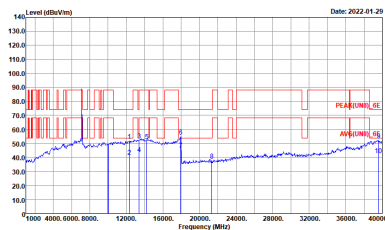
## WIFI 802.11ax HE20 Full (Band Edge @ 3m)

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                                                                            |                                                                                                                                                                                                                           |
| 1+2  | Horizontal                                                                                                                                                                                                                  | Fundamental                                                                                                                                                                                                               |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                                                                           |                                                                                                                                                                                                                         |
| 1+2  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                              |

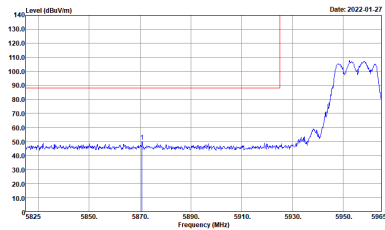
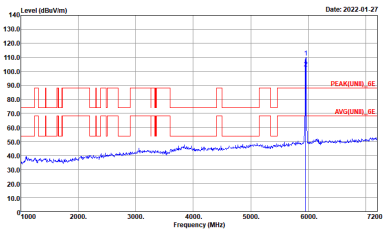
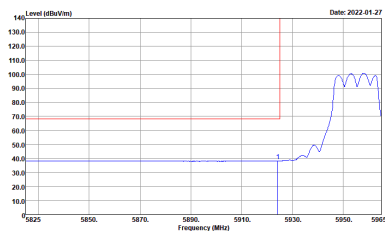
**Band 8 - 6875~7125MHz**
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                       |                                                                                                                                                                       |
| 1+2          | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

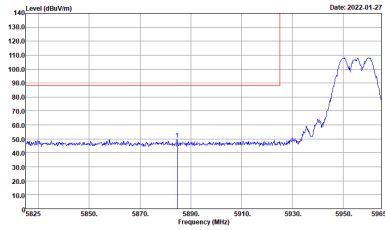
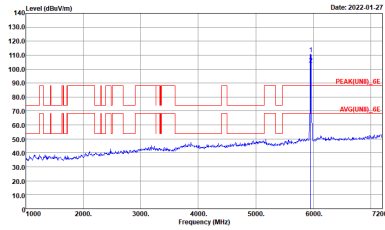
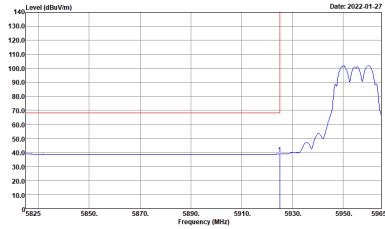


&lt;Sample 2&gt;

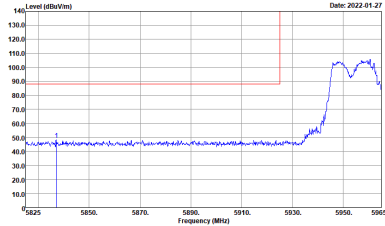
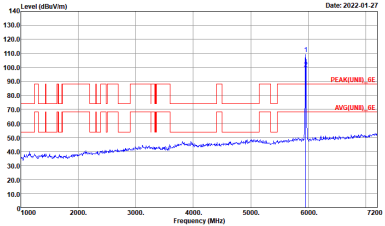
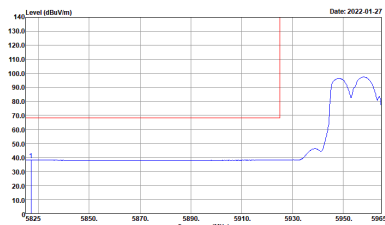
**Band 5 - 5925~6425MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

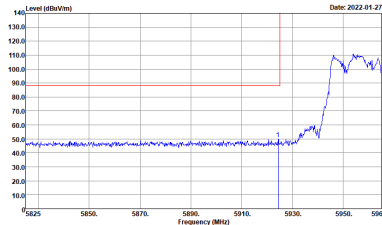
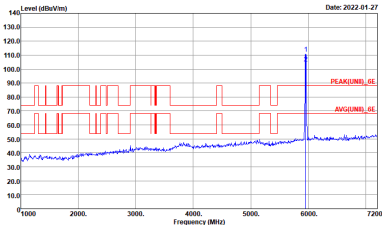
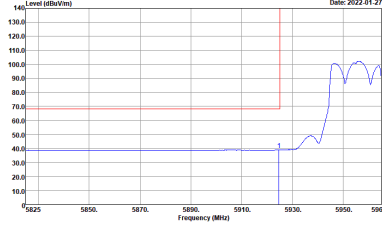
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH01 5955MHz                                                                                                                                                                                                         |                                                                                                                                                                                                                            |
| 1+2  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH20-14Y<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |  <p>Site : 03CH20-14Y<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-14Y<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



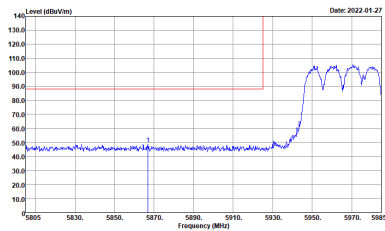
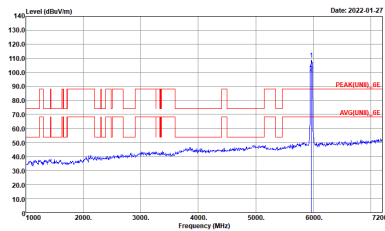
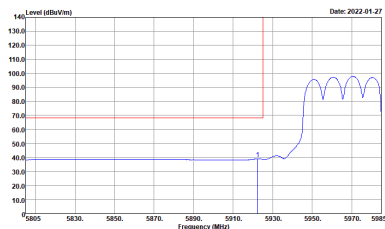
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH01 5955MHz                                                                                                                                                                                                       |                                                                                                                                                                                                                         |
| 1+2  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                              |

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

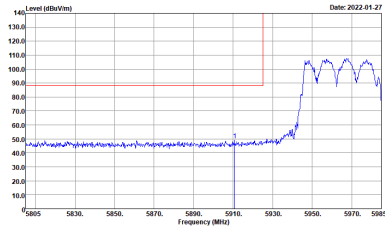
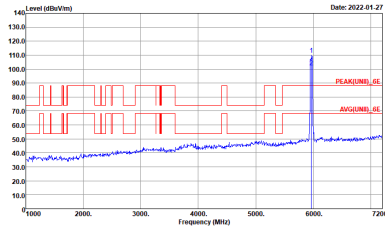
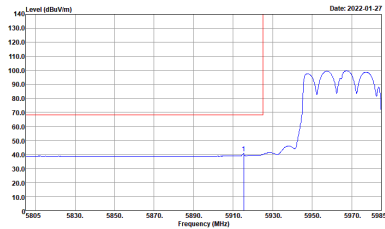
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 5955MHz                                                                                                                                                                                                |                                                                                                                                                                                                                              |
| 1+2  | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| Peak |  <p>Site Condition : 03CH20-HV<br/> : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site Condition : 03CH20-HV<br/> : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site Condition : 03CH20-HV<br/> : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                   |

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                       |                                                                                                                                                                                                                       |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 5955MHz                                                                                                                                                                                          |                                                                                                                                                                                                                       |
| 1+2  | Vertical                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                           |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                            |

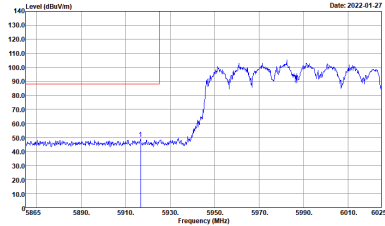
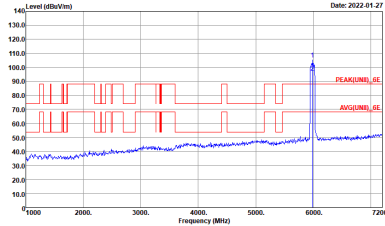
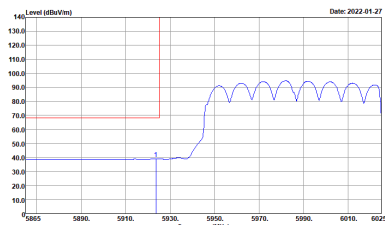
**Band 5 5925~6425MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

| WIFI        | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11ax HE40 Full CH03 5965MHz                                                                                                                                                                                                |                                                                                                                                                                                                                              |
| 1+2         | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| <b>Peak</b> |  <p>Site Condition : 03CH20-HV<br/> : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site Condition : 03CH20-HV<br/> : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| <b>Avg.</b> |  <p>Site Condition : 03CH20-HV<br/> : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                   |

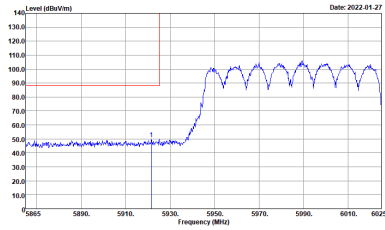
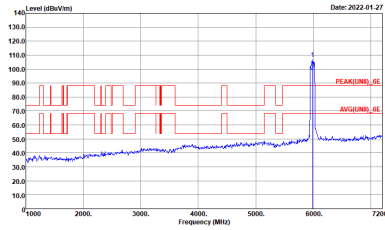
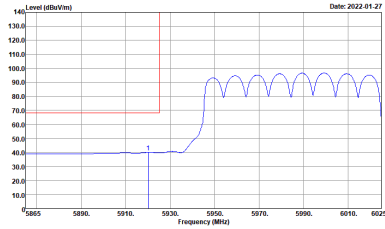


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Full CH03 5965MHz                                                                                                                                                                                            |                                                                                                                                                                                                                         |
| 1+2  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                              |

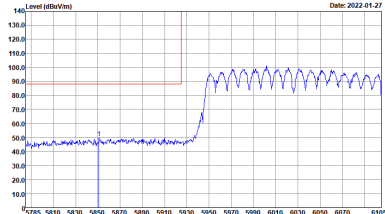
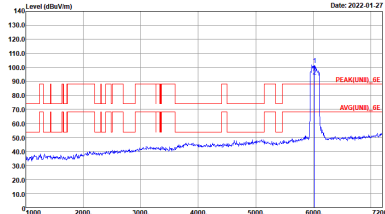
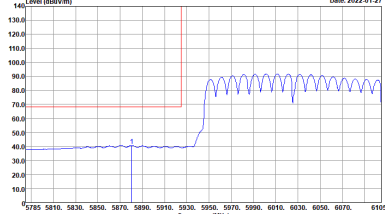
**Band 5 5925~6425MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH07 5985MHz                                                                                                                                                                                                |                                                                                                                                                                                                                              |
| 1+2  | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| Peak |  <p>Site Condition : 03CH20-HY<br/> : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site Condition : 03CH20-HY<br/> : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site Condition : 03CH20-HY<br/> : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                   |

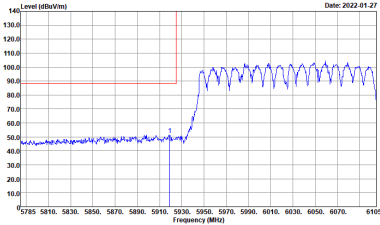
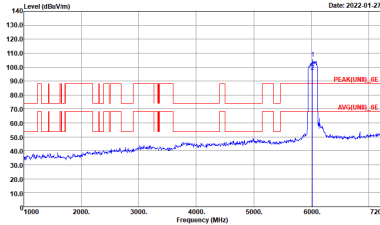
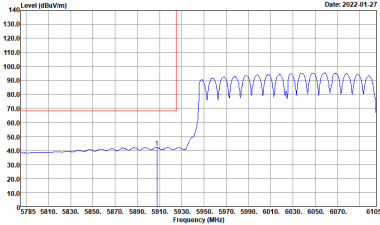


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH07 5985MHz                                                                                                                                                                                            |                                                                                                                                                                                                                         |
| 1+2  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                              |

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

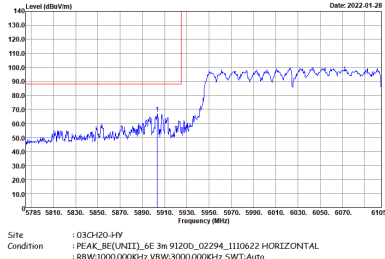
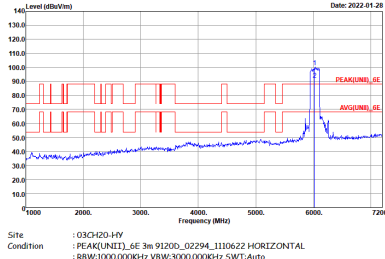
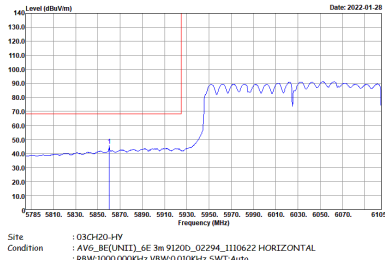
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH15 6025MHz                                                                                                                                                                                               |                                                                                                                                                                                                                              |
| 1+2  | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| Peak |  <p>Site : 03CH20-HY<br/> Condition : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/> Condition : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                   |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH15 6025MHz                                                                                                                                                                                           |                                                                                                                                                                                                                         |
| 1+2  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                              |



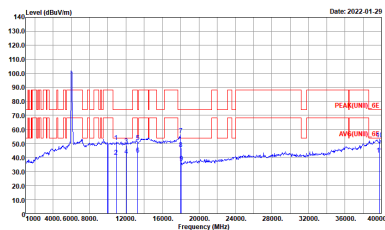
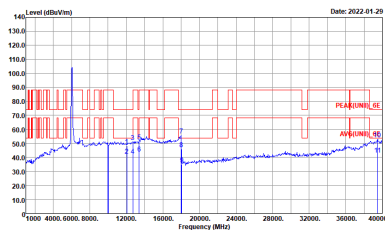
**Band 5 5925~6425MHz**  
**WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)**

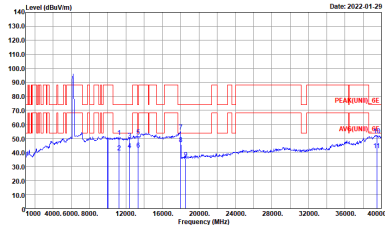
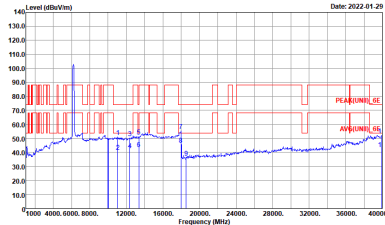
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 1992/68 CH015 6025MHz                                                                                                                                                                                 |                                                                                                                                                                                                                            |
| 1+2  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |

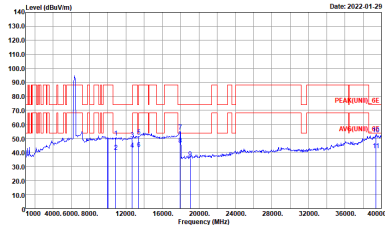
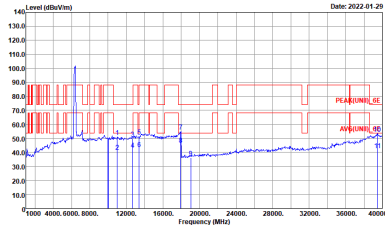


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                      |                                                                                                                                      |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 1992/68 CH015 6025MHz                                                                                            |                                                                                                                                      |
| 1+2  | Vertical                                                                                                                                | Fundamental                                                                                                                          |
| Peak | <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:1010KHz SWT:Auto</p>      | Left blank                                                                                                                           |

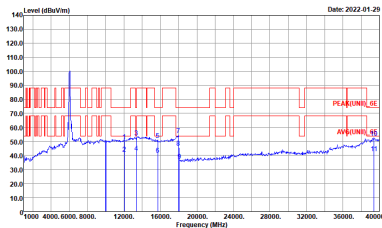
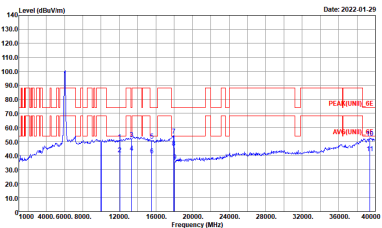
**Band 5 - 5925~6425MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI                           | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Full CH15 6025MHz                                                                                                                                        |                                                                                                                                                                        |
| 1+2                            | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

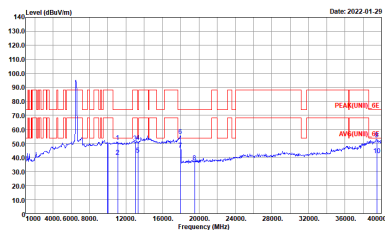
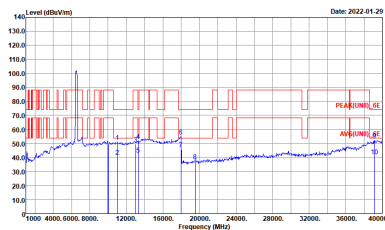
| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH47 6185MHz                                                                                                                                       |                                                                                                                                                                       |
| 1+2          | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 VERTICAL</p> |

| WIFI                           | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Full CH79 6345MHz                                                                                                                                       |                                                                                                                                                                       |
| 1+2                            | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 VERTICAL</p> |

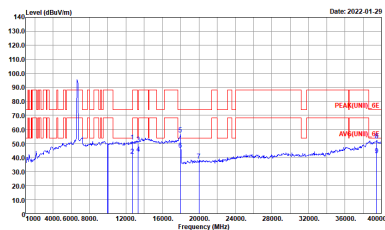
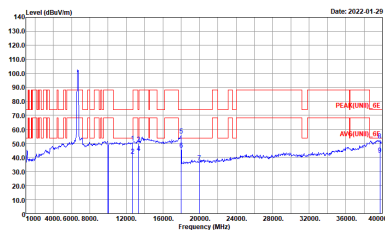
**Band 5 - 5925~6425MHz**
**WIFI 802.11ax HE160 Partial 1992 (Harmonic @ 3m)**

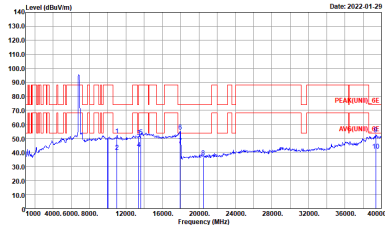
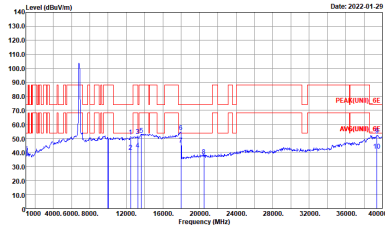
| WIFI                           | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Partial 1992/68 CH15 6025MHz                                                                                                                            |                                                                                                                                                                       |
| 1+2                            | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

**Band 6 - 6425~6525MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

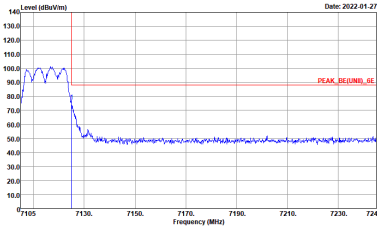
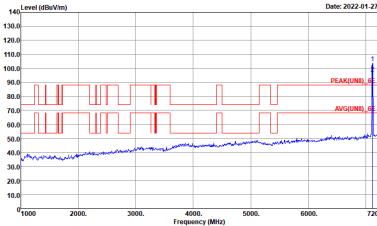
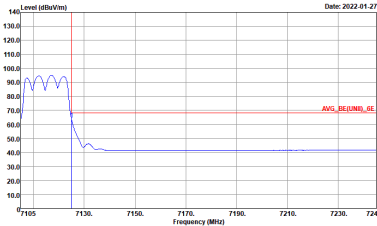
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH111 6505MHz                                                                                                                                       |                                                                                                                                                                        |
| 1+2          | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

**Band 7 - 6525~6875MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

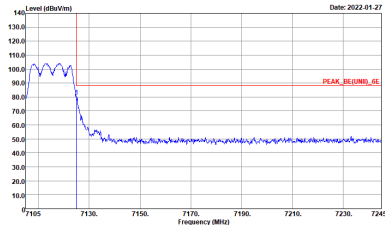
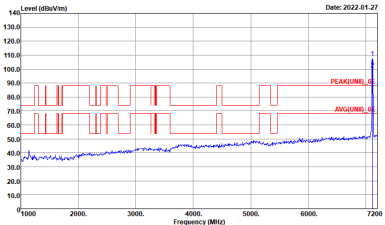
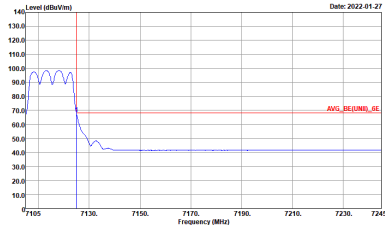
| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH143 6665MHz                                                                                                                                       |                                                                                                                                                                        |
| 1+2          | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF_00993_211130 VERTICAL</p> |

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                      |                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH175 6825MHz                                                                                                                                      |                                                                                                                                                                       |
| 1+2          | Horizontal                                                                                                                                                             | Vertical                                                                                                                                                              |
| Peak<br>Avg. |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 HORIZONTAL</p> |  <p>Site : 03CH20-HY<br/>Condition : PEAK[UNIT]_6E 1m SHF_00993_211130 VERTICAL</p> |

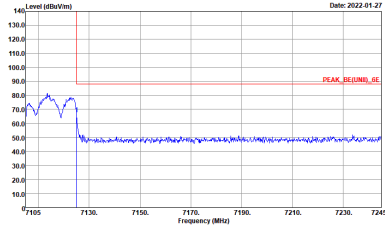
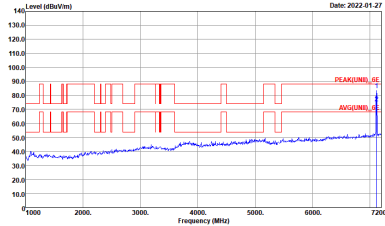
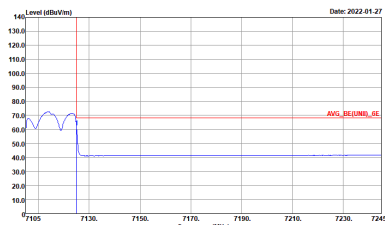
**Band 8 - 6875~7125MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH233 7115MHz                                                                                                                                                                                                         |                                                                                                                                                                                                                             |
| 1+2  | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH20-HY<br/> Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/> Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                  |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                                   |                                                                                                                                                                                                                                   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH233 7115MHz                                                                                                                                                                                                                |                                                                                                                                                                                                                                   |
| 1+2  | Vertical                                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank                                                                                                                                                                                                                        |

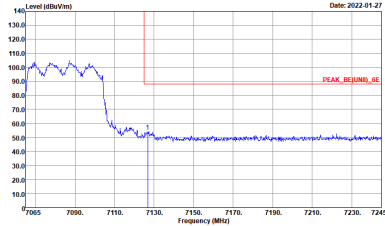
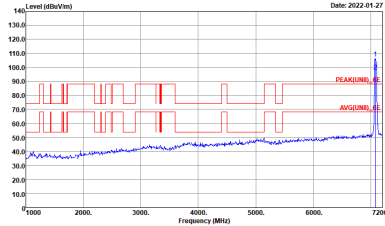
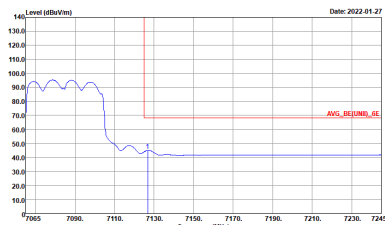
**Band 8 - 6875~7125MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                                                                              |                                                                                                                                                                                                                             |
| 1+2  | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH20-HY<br/> Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH20-HY<br/> Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH20-HY<br/> Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                  |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                      |                                                                                                                                      |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH233 7115MHz                                                                                                        |                                                                                                                                      |
| 1+2  | Vertical                                                                                                                                | Fundamental                                                                                                                          |
| Peak | <p>Site : 03CH20-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH20-HY<br/>Condition : PEAK(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH20-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 91200_02294_1110622 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  | Left blank                                                                                                                           |

**Band 8 - 6875~7125MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Full CH227 7085MHz                                                                                                                                                                                               |                                                                                                                                                                                                                              |
| 1+2  | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| Peak |  <p>Site Condition : 03CH20-HV<br/> : PEAK_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site Condition : 03CH20-HV<br/> : PEAK(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site Condition : 03CH20-HV<br/> : AVG_BE(UNIT1)_6E 3m 91200_02294_1110622 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                   |